Georgia Power

Grumman Road Private Industrial Landfill

Port Wentworth, Georgia
PERMIT #: 025-061D(LI)
Chatham County

2021 SEMIANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

Atlantic Coast Consulting, Inc.

PROFESSIONAL CERTIFICATION

This *2021 Semiannual Groundwater Monitoring and Corrective Action Report*, Georgia Power Company – Grumman Road Private Industrial Landfill has been prepared in compliance with the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10 and 391-3-4-.14 by a qualified groundwater scientist or engineer with Atlantic Coast Consulting, Inc.

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SUMMARY

This summary of the 2021 Semiannual Groundwater Monitoring and Corrective Action Report provides the groundwater monitoring and corrective action program status from July through December 2021 for Georgia Power Company (Georgia Power) Grumman Road Private Industrial Landfill (GRL). This summary was prepared by Atlantic Coast Consulting, Inc. (ACC) on behalf of Georgia Power.

GRL is located on Gulfstream Road, in Chatham County, Georgia, approximately 0.8 miles east of Savannah/Hilton Head International Airport and 1.3 miles west of the city of Port Wentworth. GRL received coal combustion residuals (CCR) from Georgia Power – Plant Kraft and operated under Georgia Environmental Protection Division (GA EPD) solid waste handling permit number 025-061D(LI). GRL is comprised of four cells or parcels: Parcel A [originally operated under permit number 025-034D(LI)], B1, B2, and B3.

Grumman Road Private Industrial Landfill

Groundwater at the site is monitored using a comprehensive monitoring system of wells installed to meet state monitoring requirements. Routine sampling and reporting began after background groundwater conditions were established in accordance with the Solid Waste Permit requirements specified in the Design and Operation (D&O) Plan. The monitoring program has been modified to include Appendix III and IV parameters to meet the requirements of the GA EPD Rules for Solid Waste Management 391-3-4-.10(6)(a) and 40 Code of Federal Regulations (CFR) § 257.95. Background groundwater conditions for Appendix III and IV parameters were established between September 2016 and July 2018.

Based on Site groundwater conditions, Georgia Power submitted a notification for the implementation of assessment monitoring under Rule 391-3-4-.10(6)(a) on November 13, 2019. An Assessment of Corrective Measures (ACM) was initiated on July 9, 2020 based on the requirements of GA EPD Rule 391-3-4-.10(6)(a) which incorporates United States Environmental Protection Agency (USEPA) CCR rule (40 CFR Part 257, Subpart D) by reference. Georgia Power submitted an ACM report on December 4, 2020 pursuant to GA EPD Rule 391-3-4-.10(6)(a) (Anchor 2020). The 2020 ACM supersedes previous documents submitted for the Site under the existing GA EPD Permit No. 025-061D(LI) (SCS 2013; ACC 2017, 2019).

During the 2021 semiannual reporting period, ACC completed a groundwater sampling event in September. Groundwater samples were submitted to Pace Analytical Services, LLC (Pace) for analysis. Per the CCR rule, groundwater results for September 2021 were evaluated in

accordance with the certified statistical methods. That evaluation identified statistically significant values of Appendix III[1] constituents above background and statistically significant levels of Appendix IV[2] parameters above groundwater protection standards, as summarized below.

Appendix III Parameter	September 2021
Calcium	GWB-4R, GWB-5R, GWB-6R, GWC-1, GWC-11, GWC-12, GWC-14, GWC-15, GWC-16, GWC-17, GWC-20
Chloride	GWC-17
Fluoride	GWC-17
pH	GWC-12, GWC-15
Sulfate	GWB-4R, GWB-5R, GWB-6R, GWC-11, GWC-12, GWC-14, GWC-16, GWC-17, GWC-20
Appendix IV Parameter[3]	**September 2021**
Arsenic	GWC-15, GWC-16, and GWC-20
Molybdenum	GWB-4R, GWC-1, GWC-15, GWC-16, GWC-20, and GWC-21

Based on review of the statistical results completed for the groundwater monitoring and corrective action program from July through December 2021, the Site will continue assessment monitoring and groundwater remedy selection. Georgia Power will continue routine groundwater monitoring and reporting at the Site and reports will be posted to the website and provided to the GA EPD.

[1] Appendix III: Boron, calcium, chloride, fluoride, pH, sulfate, and total dissolved solids (TDS).
[2] Appendix IV: Antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, fluoride, lead, lithium, mercury, molybdenum, radium 226+228, selenium, and thallium.
[3] An SSL constituent is determined by comparing the confidence intervals developed to either the constituent's maximum contaminant level (MCL), if available, or the calculated background interwell prediction limit.

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1.0 Introduction

In accordance with the Georgia Environmental Protection Division (GA EPD) Rules of Solid Waste Management 391-3-4-.10(6)(a)-(c) and 391-3-4-.14, Atlantic Coast Consulting, Inc. (ACC) has prepared this *2021 Semiannual Groundwater Monitoring and Corrective Action Report* to document groundwater monitoring activities conducted during the second half of 2021 at Georgia Power Company's Grumman Road Private Industrial Landfill (GRL). To specify groundwater monitoring requirements, GA EPD Rule 391-3-4-.10(6)(a) incorporates by reference the United States Environmental Protection Agency (USEPA) Coal Combustion Residuals (CCR) Rule 40 Code of Federal Regulations (CFR) § 257 Subpart D.

To comply with GA EPD's Rule 391-3-4-.10, a permit application package for GRL was submitted to GA EPD in November 2018 and is currently under review. To meet the requirements of 391-3-4-.10(6), Appendix III and IV parameters listed in 40 CFR § 257 were incorporated into the routine groundwater monitoring program through a minor modification in August 2017. Semiannual reporting is completed pursuant to GA EPD Rule 391-3-4-.10(6)(c). This report documents groundwater activities conducted July through December 2021.

Georgia Power submitted an Assessment of Corrective Measures (ACM) in December 2020 pursuant to GA EPD Rule 391-3-4-.10(6)(a) (Anchor 2020). The 2020 ACM supersedes previous documents submitted for the Site under the existing GA EPD Permit No. 025-061D(LI) [Southern Company Services (SCS) 2013; ACC 2017, 2019]. The ACM was prepared to evaluate potential groundwater corrective measures for the occurrence of arsenic and molybdenum in groundwater at statistically significant levels (SSLs) at GRL.

1.1 Site Description and Background

GRL is located on Gulfstream Road, in Chatham County, Georgia, approximately 0.8 miles east of Savannah/Hilton Head International Airport and 1.3 miles west of the city of Port Wentworth. GRL occupies approximately 36 acres. The Site ceased accepting CCR prior to October 19, 2015 and is therefore not subject to Federal monitoring requirements. GRL received CCR from Georgia Power – Plant Kraft and operated under GA EPD solid waste handling permit number 025-061D(LI). GRL is comprised of four cells or parcels: Parcel A [originally operated under permit number 025-034D(LI)], B1, B2, and B3. Closure of parcels B1, B2, and B3 was completed after CCR disposal ceased. Capping of the last remaining uncapped portion of Parcel A has recently been completed and was documented to GA EPD in a submittal dated November 27, 2019.

Figure 1, Site Location Map, depicts the location of GRL relative to the surrounding area. Figure 2, Well Location Map, depicts the general configuration of GRL and the location of the monitoring wells.

1.2 Regional Geology and Hydrogeologic Setting

GRL is underlain by Atlantic Coastal Plain Physiographic Province strata consisting of unconsolidated to consolidated layers of sand, silt, and clay and semi-consolidated to dense layers of limestone and dolomite (Clarke et al, 2010). These sediments constitute three major aquifer systems, which are, from shallow to deep, the surficial aquifer system, the Brunswick aquifer system, and the Floridan aquifer system. In the Atlantic Coastal Plain, the surficial aquifer system consists of Miocene and younger interlayered sand, silt, clay, and thin limestone beds (Clarke et al, 2010). The surficial aquifer system is unconfined and generally at a depth less than 80 feet below ground surface.

The surficial aquifer is underlain by a confining unit that separates it from the Brunswick aquifer. The confining unit consists of silty clay and dense thin, phosphatic Miocene limestone. The Oligocene to Miocene Brunswick aquifer consists of two water-bearing zones. The upper Brunswick and lower Brunswick aquifers are separated by a low permeability, sandy phosphatic clay confining unit. The Brunswick aquifer is separated from the Upper Floridan aquifer with the Upper Confining unit and a non-water bearing limestone (NWBL) layer. The Floridan aquifer is confined by the overlying clay and NWBL layers.

1.3 Site Geology and Hydrogeologic Setting

The sediments immediately underlying the Site are part of the regional surficial aquifer system described previously and consist of variable interbedded sands, silts, and clay comprising a near-surface aquifer system (SCS, 1998). Though complex with subtle distinctions, approximately 50 feet of the near-surface aquifer system (soil) can be divided into four units as described below:

- Upper Sands and Topsoil
- Unit 1 Uppermost Aquifer: Silty Fine Sand
- Unit 2 Low Permeability Zone: Interbedded Sand, Silt, and Clay
- Unit 3 Lower Sand Aquifer: Silty and/or Clayey Fine to Medium Sand

Unit 1 comprises the water-bearing soil unit monitored at the site and has a thickness ranging from approximately 22 to 28 feet across GRL. Although Units 1 through 3 are classified as the surficial aquifer system, layers of lower permeability may be present in the surficial aquifer system (Clarke, Hacke, and Peck 1990; SCS 1998). Generally, groundwater in the near-surface aquifer system flows from north to south at the GRL but is influenced by topography. Groundwater elevations observed across the site and adjacent landfills suggest that hydraulic communication exists between Units 1, 2, and 3. Unit 2 has a lower permeability than Units 1 and 3 and locally may act as an impediment to downward migration, creating perched water within Unit 1 or impeding migration within the near-surface aquifer system. Unit 2 does not appear to be continuous across the sites such that it creates distinct groundwater flow systems. The geologic and hydrogeologic conditions at GRL were recently described in detail in the ACM Report (Anchor 2020).

1.4 Groundwater Monitoring System

A groundwater monitoring plan was submitted in November 1999 and approved by GA EPD in January 2000. Pursuant to GA EPD Rule 391-3-4-.10(6)(a) and 40 CFR § 257.91, a comprehensive monitoring system was designed to monitor groundwater passing the waste boundary of GRL within the uppermost aquifer. Wells were located to serve as upgradient and downgradient monitoring points based on groundwater flow direction (Table 1A, Monitoring Network Well Summary). Additional existing locations are presented in Table 1B, Delineation Well and Piezometer Summary.

As part of the assessment monitoring program, vertical delineation wells were installed in December 2020 and January 2021. Pursuant to GA EPD Rule 391-3-4-.10(6)(a) and 40 CFR § 257.95(g)(1)(iv), the wells, classified as “delineation wells”, will be sampled in addition to the compliance monitoring wells as part of the ongoing assessment groundwater monitoring program.

2.0 GROUNDWATER MONITORING ACTIVITIES

The following describes monitoring-related activities performed at the Site from July through December 2021 (the reporting period) and discusses any change in status of the monitoring program.

2.1 Monitoring Well Installation/Maintenance

There were no changes to the groundwater monitoring system during the current semiannual reporting period; the network remained the same as in the previous reporting year and is shown in Figure 2. With the exception of GWC-13, monitoring well-related activities were limited to visual inspection of well conditions prior to sampling, recording the Site conditions, and performing exterior maintenance necessary for sampling under safe and clean conditions.

In October 2021, personnel from Southern Company Services – Civil Field Services (CFS) mobilized to the site to install missing bollards and repair select well pads. The well pad for GWC-13 needed to be raised slightly to be on grade with the surrounding ground surface. The well pad and protective casing were removed, and inert gravel was installed to raise the subgrade. A polyvinyl chloride (PVC) coupler and new length of riser were attached to extend the well to approximately three feet above the raised ground surface, and a new aluminum protective casing and concrete pad were installed. Documentation of all well repairs, and survey data certified by a Georgia Registered Land Surveyor and a revised boring log for GWC-13 are provided in Appendix A, Monitoring Well Repair Documentation.

Monitoring wells are inspected semiannually to determine if any repairs or corrective actions are necessary to meet the requirements of the Georgia Water Well Standards Act (O.C.G.A. § 12-5-134(5)(d)(vii)). In September 2021, monitoring wells were inspected and routine maintenance performed as described in Appendix A. Well inspection checklists completed during semiannual sampling are included in Appendix B, Laboratory Analytical and Field Sampling Reports. This documentation will serve as the required five year well inspection and was performed under the direction of a professional geologist registered in the State of Georgia.

2.2 Assessment Monitoring Program

Georgia Power has initiated an assessment monitoring program for CCR Appendix IV constituents. A notification for the implementation of assessment monitoring under GA EPD Rule 391-3-4-.10(6) was submitted on November 13, 2019. Statistical analyses of the 2019 groundwater data identified SSLs of arsenic in wells GWC-15, GWC-16, and GWC-20 and molybdenum in wells GWB-4R, GWC-1, GWC-15, GWC-16, GWC-20, and GWC-21. The facility had previously implemented an assessment monitoring program for an Appendix II metal (arsenic) included in its state permit.

Table 2, Groundwater Sampling Event Summary, presents a summary of groundwater sampling events completed at the Site during the reporting period. A semiannual assessment monitoring event was completed in September 2021. Groundwater samples were collected for the state-specific list of Appendix I/II metals specified in the permit and all Appendix III and Appendix IV constituents. A summary of the analytes required by Appendix III, Appendix IV, and the existing permit is provided in Table 3, Summary of Groundwater Monitoring Parameters. Samples were collected from each well in the network monitoring system, as well as the five vertical delineation wells, shown on Figure 2.

Details of this event and analytical results are discussed in Section 3, while the statistical results are discussed in Section 4. Results of sampling activities conducted during the reporting period are presented in Appendix B.

2.3 Assessment of Corrective Measures

Based on statistical analysis of assessment monitoring results presented in the 2020 Annual Groundwater Monitoring and Corrective Action Report, a Notice of Assessment of Corrective Measures was placed in the operating record on July 9, 2020 for the State CCR Rule. An ACM for arsenic was previously established under GA EPD Rule 391-3-4-.14. An ACM completed by Anchor QEA, LLC in December 2020 (Anchor, 2020) under GA EPD Rule 391-3-4-.10(6)(a) and 40 CFR § 257.96 supersedes the previous ACM and incorporates arsenic and an additional Appendix IV constituent, molybdenum. A *Semiannual Remedy Selection and Design Progress Report* (Semiannual Progress Report) has been updated to include recent activities and is provided as Appendix C.

2.4 Additional Sampling

As summarized in the Semiannual Progress Report, an active above-ground leachate seep has been observed on aerial imagery on the north side of the Clifton Landfill since approximately 2009. The seepage flows onto the Site near GWA-7. Samples of the leachate seepage were collected on the Site near GWA-7 during the September 2021 sampling event. The laboratory report is included in Appendix B. These data were collected in support of the remedy evaluation and selection process and are discussed in Appendix C.

Due to an anomalous result for cobalt reported in the sample from GWB-5R during the September 2021 event, GWB-5R was resampled for cobalt in November 2021. The resample results are included in Appendix B.

3.0 SAMPLE METHODOLOGY AND ANALYSIS

The following sections describe the methods used to conduct groundwater monitoring at the Site.

3.1 Groundwater Flow Direction, Gradient, and Velocity

Prior to each sampling event, groundwater elevations are recorded from the certified well network and delineation wells at GRL. Groundwater elevations recorded during the monitoring events are summarized in Table 4, Summary of Groundwater Elevations – September 2021. Groundwater elevation data were used to develop Figure 3, September 2021 Potentiometric Surface Map. A potentiometric high exists near well GWA-7 in the northern portion of the Site and groundwater flows semi-radially from this high. In the southern portion of the Site, groundwater flows to the south and southeast. The groundwater flow patterns observed during the monitoring events are consistent with historical patterns.

The groundwater flow velocity at GRL was calculated using a derivation of Darcy's Law.

Specifically:

Equation

$$v = \frac{K\,(dh/dl)}{P_e}$$

where: v = groundwater velocity
K = hydraulic conductivity

dh/dl = hydraulic gradient
P_e = effective porosity

The groundwater flow velocity was calculated for the Site based on hydraulic gradients, average hydraulic conductivity based on previous slug test data, and an estimated effective porosity of 0.20 (based on a review of several sources, including Driscoll, 1986; USEPA, 1989; Freeze and Cherry, 1979). Groundwater flow velocities have been calculated and are tabulated on Table 5, Groundwater Flow Velocity Calculations – September 2021. The calculated maximum flow velocity was 0.32 feet per day for September 2021.

3.2 Groundwater Sampling

Groundwater samples were collected using low-flow sampling procedures in accordance with 40 CFR § 257.93(a). Purging and sampling was performed using a peristaltic pump. Tubing was lowered into the well so that the intake was at the midpoint of the well screen (or as appropriate determined by the water level). Peristaltic pump samples were collected using new disposable polyethylene tubing. All non-disposable equipment was decontaminated before use and between well locations.

Monitoring wells were purged and sampled using low-flow sampling procedures. A SmarTroll or Aqua Troll (In-Situ field instruments) was used to monitor and record field water quality parameters (pH, specific conductance, oxidation-reduction potential [ORP], dissolved oxygen [DO], and temperature) during well purging prior to sampling. Turbidity was measured using a Hach 2100Q portable turbidimeter. Groundwater samples were collected when the following stabilization criteria were met:

- ± 0.1 standard units for pH
- ± 10% for specific conductance
- ± 10% for dissolved oxygen or 0.2 milligrams per liter (mg/L), whichever is greater where DO > 0.5 mg/L. No criterion applies if DO < 0.5 mg/L.
- Turbidity measurements less than 5 nephelometric turbidity units (NTU)

Once stabilization was achieved, samples were collected directly into appropriately preserved laboratory-supplied sample containers. Sample bottles were placed in ice-packed coolers and submitted to Pace Analytical Services, LLC (Pace) of Peachtree Corners, Georgia and Greensburg, Pennsylvania following chain-of-custody protocol. Stabilization logs and equipment calibration forms for each well during the reporting period, are included in Appendix B.

3.3 Laboratory Analyses

Analytical methods used for groundwater monitoring parameters are provided in laboratory reports in Appendix B. Analytical data collected in the monitoring event during the reporting period are summarized in Table 6, Summary of Groundwater Analytical Data – September 2021.

Laboratory analyses were performed by Pace. Pace is accredited by the National Environmental Laboratory Accreditation Program (NELAP) and maintains a NELAP certification for all parameters analyzed for this project. In addition, Pace is certified to perform analysis by the State of Georgia. Laboratory reports and chain-of-custody records for the monitoring event are presented in Appendix B.

3.4 Quality Assurance and Quality Control

During each sampling event, quality assurance/quality control (QA/QC) samples are collected at a rate of one QA/QC sample per every 10 groundwater assessment samples. Equipment blanks (where non-dedicated sampling equipment is used) and duplicate samples were collected during each sampling event. QA/QC sample data were evaluated during data validation and are included in Appendix B.

Groundwater quality data in this report were validated in accordance with USEPA guidance (USEPA, 2011) and the analytical methods. Data validation generally consisted of reviewing sample integrity, holding times, laboratory method blanks, laboratory control samples, matrix spikes/matrix spike duplicate recoveries and relative percent differences (RPDs), post digestion spikes, laboratory and field duplicate RPDs, field and equipment blanks, and reporting limits. Where appropriate, validation qualifiers and flags are applied to the data using USEPA procedures as guidance (USEPA, 2017). The data are considered usable for meeting project objectives and the results are considered valid.

Values followed by a "J" flag indicate that the value is an estimated analyte concentration detected between the method detection limit (MDL) and the laboratory practical quantitation limit (PQL). The estimated value is positively identified but is below the lowest level that can be reliably achieved within specified limits of precision and accuracy under routine laboratory operating conditions. “J” flagged data are used to establish background statistical limits but are not used when performing statistical analyses. Mercury was detected in the associated laboratory method blank, and is discussed further in the Level 2A Data Validations in Appendix B.

4.0 STATISTICAL ANALYSIS

The statistical method used at GRL was developed by Groundwater Stats Consulting, LLC (GSC), using methodology presented in *Statistical Analysis of Groundwater Data at RCRA Facilities, Unified Guidance*, March 2009, USEPA 530/ R-09-007 (USEPA, 2009).

Statistical analysis of the reporting period groundwater monitoring data was performed by GSC following the appropriate certified statistical methodology for GRL. Sanitas groundwater statistical software was used to screen the data and perform the statistical analyses. Sanitas is a decision support software package that incorporates the statistical tests required of Subtitle C and D facilities by USEPA regulations.

Appendix I and Appendix III statistical analysis was performed to determine if groundwater has returned to background levels. Appendix II and Appendix IV constituents were evaluated to determine if concentrations statistically exceeded the established Groundwater Protection Standards (GWPS).

A summary of the statistical methodology used at GRL for routine groundwater monitoring is provided in Table 7, Statistical Method Summary. Statistical analysis methods and results are provided in Appendix D, Statistical Analyses, and summarized in the following sections.

4.1 Appendix I and III Statistical Methods

Based on guidance from GA EPD, statistical tests used to evaluate the groundwater monitoring data consist of interwell prediction limits (PLs) combined with a 1-of-2 verification resample plan for each of the Appendix I and III parameters. Interwell PLs are constructed using pooled data from upgradient wells GWA-7 and GWA-8 to establish a background limit for an individual

constituent. The most recent sample from each downgradient well is compared to the background limit to determine whether there are statistically significant increases (SSIs). An "initial exceedance" occurs when an Appendix I or III constituent reported in downgradient groundwater compliance monitoring well exceeds the constituent's associated PL. The 1-of-2 resample plan allows for collection of an independent resample. A confirmed exceedance is noted only when the resample verifies the initial exceedance. If the resample result is less than its relevant PL, the initial exceedance is not verified.

4.2 Appendix II and IV Statistical Methods

Appendix II constituents and Appendix IV constituents were sampled during the semiannual assessment sampling event. To statistically compare groundwater data to GWPS, confidence intervals are constructed for each of the detected Appendix II and IV parameters in each downgradient well. Those confidence intervals are compared to the GWPS. Only when the entire confidence interval is above a GWPS is the well/constituent pair considered to exceed its GWPS. If there is an exceedance of the established standard, an SSL exceedance is identified.

USEPA revised the federal CCR Rule on July 30, 2018, updating GWPS for cobalt, lead, lithium, and molybdenum. USEPA's updated GWPS have not yet been incorporated under GA EPD's CCR Rule. The GA EPD CCR Rule GWPS is:

(1) The federally established maximum contaminant level (MCL).
(2) Where an MCL has not been established, the background concentration.
(3) Background levels for constituents where the background level is higher than the MCL.

As described in 40 CFR § 257.95(h)(1-3), the GWPS for cobalt, lead, lithium and molybdenum is:

(1) The MCL established under 40 CFR § 141.62 and 141.66.
(2) Where an MCL has not been established:
    (i) Cobalt 0.006 mg/L;
    (ii) Lead 0.015 mg/L;
    (iii) Lithium 0.040 mg/L; and
    (iv) Molybdenum 0.100 mg/L.
(3) Background levels for constituents where the background level is higher than the MCL or rule-specified GWPS.

Following the above state rule requirements, GWPS have been established for statistical comparison of Appendix II and Appendix IV constituents and are presented in Table 8, Summary of Background Levels and Groundwater Protection Standards.

4.3 Statistical Analyses Results

Based on review of the Appendix I and III statistical analyses presented in Appendix D, constituents have not returned to background levels and assessment monitoring should continue pursuant to GA EPD Rule 391-3-4-.10(6)(a). Based on a review of the statistical analysis presented in Appendix D, the following parameters were found to statistically exceed the GWPS for the reporting period:

- Arsenic: GWC-15, GWC-16, and GWC-20
- Molybdenum: GWB-4R, GWC-1, GWC-15, GWC-16, GWC-20, and GWC-21

These results are consistent with those presented in the 2021 Annual Groundwater Monitoring and Corrective Action Report (ACC, 2021). An ACM was submitted in December 2020 for arsenic and molybdenum, per GA EPD Rule 391-3-4-.10(6)(a) and 40 CFR § 257.96, and potential corrective measures are under evaluation.

5.0 NATURE AND EXTENT

Wells MW-23D, MW-24D, and MW-25D were installed for vertical delineation of arsenic and molybdenum, and wells MW-26D and MW-27D were installed for vertical delineation of molybdenum in December 2020 and January 2021. The location of these wells is shown on Figure 2.

Results from the September 2021 groundwater sampling event indicate that vertical delineation is complete: arsenic and molybdenum concentrations in the vertical delineation wells are below the relevant GWPS. The current Appendix IV data set for these wells is limited to less than four independent sampling events which is the minimum number needed to construct confidence intervals to statistically evaluate the results with respect to GWPS. Georgia Power will continue to monitor these wells until an adequately sized data set is available to complete statistical analyses. The September 2021 delineation results are provided in Appendix B.

Data from the August 2021 semiannual monitoring event at Savannah Regional Industrial Landfill (SRIL) show that arsenic concentrations in groundwater samples collected from monitoring wells GWA-6 and GWA-12B located along the northern boundary of SRIL, due south of the Site, are less than the analytical method reporting limit (<0.01 mg/L; CEC 2021). This data is presented in further detail in Appendix C and suggests the arsenic impacts have not migrated far off Site. Molybdenum, however, is not a routine parameter analyzed at SRIL.

Horizontal delineation of molybdenum to the south is dependent on securing access from adjacent property owners. Per GA EPD guidance, where “denial of access prevents the installation of off-site delineation wells, a USEPA approved fate and transport model analysis may be used to delineate the limit of the contaminant plume” (GA EPD, 2018). Because off-site access has not been secured, a transport model was developed to complete horizontal delineation (Anchor QEA, 2021) and is described in Appendix C. Molybdenum concentrations in groundwater above the Site GWPS that originate from the Site have likely migrated a short distance beneath SRIL but have not reached the southern boundary of SRIL. SRIL representatives were notified of the arsenic and molybdenum detections in neighbor notification correspondence dated September 25, 2020.

6.0 MONITORING PROGRAM STATUS

Pursuant to 40 CFR § 257.96(b), Georgia Power will continue to monitor the groundwater at the Site in accordance with the assessment monitoring program regulations of 40 CFR 257.95 while ACM efforts are implemented to evaluate SSL concentrations of arsenic and molybdenum. Pursuant to 40 CFR § 257.94(e)(1), Georgia Power will continue assessment monitoring in accordance with 40 CFR § 257.95. Pursuant to 40 CFR § 257.95(g)(1)(iv), the delineation wells will continue to be sampled as part of the ongoing semiannual assessment groundwater monitoring program.

6.1 Assessment of Corrective Measures

An ACM was implemented on July 9, 2020 and submitted to EPD on December 4, 2020. The ACM efforts completed during the reporting period covered by this groundwater monitoring and

corrective action report are presented in Appendix C. The Semiannual Progress Report summarizes:

(i) the current conceptual site model applicable to evaluating groundwater corrective measures proposed in the ACM Report (Anchor, 2020).
(ii) the analytical data obtained during supplemental ACM-specific field investigations.
(iii) the status of applicable corrective measures evaluation; and
(iv) the planned activities and anticipated schedule for the following semiannual reporting period.

Georgia Power will include Semiannual Progress Reports with each future groundwater monitoring and corrective action report.

7.0 CONCLUSIONS AND FUTURE ACTIONS

This 2021 Semiannual Groundwater Monitoring and Corrective Action Report was prepared to fulfill the requirements of GA EPD Rule 391-3-4-.10(6)(c). Statistical evaluations of the groundwater monitoring data identified the presence of SSLs of arsenic (GWC-15, GWC-16, and GWC-20) and molybdenum (GWB-4R, GWC-1, GWC-15, GWC-16, GWC-20, and GWC-21) above the GWPS. The arsenic and molybdenum SSLs are vertically delineated below the GWPS by MW-23D through MW-27D. Arsenic is horizontally delineated below the GWPS by upgradient SRIL wells GWA-6 and GWC-12B, just south of the Site. Based on the Transport Model submitted November 2021 to EPD, molybdenum is horizontally delineated to below the GWPS a short distance beneath SRIL but have not reached the southern boundary of SRIL. Georgia Power will continue to monitor groundwater under the assessment monitoring program and evaluate potential corrective measures presented in the Semiannual Progress Report provided in Appendix C.

The next semiannual assessment sampling event is planned to begin January 2022. The semiannual assessment monitoring event will include sampling and analysis of all Appendix III and IV constituents along with the state-specific list of Appendix I/II metals specified in the permit.

8.0 REFERENCES

ACC, 2017. *Assessment of Corrective Measures – Addendum.* Grumman Road Private Industrial Landfill.

ACC, 2019. *Assessment of Corrective Measures – 2019 Addendum.* Grumman Road Private Industrial Landfill.

ACC, 2020. *2020 Annual Groundwater Monitoring and Corrective Action Report.* Grumman Road Private Industrial Landfill.

ACC, 2021. *2021 Annual Groundwater Monitoring and Corrective Action Report.* Grumman Road Private Industrial Landfill.

Anchor, QEA, 2020. *Assessment of Corrective Measures*. Grumman Road Private Industrial Landfill.

Civil & Environmental Consultants, Inc. (CEC), 2021. *2nd 2021 Semiannual Groundwater Statistical Analysis Report,* Savannah Regional Industrial Landfill, Chatham County, Georgia, Permit No. 025-072D(LI).

Clarke, J.S., Hacke, C.M., and Peck, M.F. 1990. Geology and Ground-Water Resources of the Coastal Area of Georgia, GGS Bulletin 113.

Clarke, J.S., Williams, L.J., and Cherry, G.C., 2010, Hydrogeology and water quality of the Floridan aquifer system and effect of Lower Floridan aquifer pumping on the Upper Floridan aquifer at Hunter Army Airfield, Chatham County, Georgia: U.S. Geological Survey Scientific Investigations Report 2010–5080, 56 p.

Driscoll, Fletcher G., 1986, *Groundwater and Wells*, Johnson Screens, Saint Paul, Minnesota, 1089 pp.

EPRI, 2015 Technical Report, Groundwater Monitoring Guidance for the Coal Combustion Residuals Rule.

Freeze, R.A. and Cherry, J.A. 1979, *Groundwater*, Prentice-Hall, Englewood Cliffs, New Jersey, 604 pp.

GA EPD, 2018. *Guidance Document for Groundwater Release Notification Requirements Under Rule 391-3-4-.17(6)*.

Groundwater Stats Consulting, LLC, 2019. *Statistical Analysis Plan – Grumman Road Landfill*.

Southern Company Services, 1998, *Grumman Road Monofill Groundwater Monitoring Plan.*

SCS, 2013. *Assessment of Corrective Measures: Landfill Parcel A.* Grumman Road Ash Landfill. Prepared for Georgia Power Company. February 2013.

State Waste Management Board. 2016. State Solid Waste Management Regulations – (9VAC20 81 et seq.). January.

USEPA, 1989 Risk Assessment Guidance for Superfund (RAGS), Vol. I: Human Health Evaluation Manual (Part A) (540-1-89-002).

USEPA. 2009. Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, Unified Guidance. Office of Resource Conservation and Recovery – Program Implementation and Information Division. March.

USEPA. 2011. *Data Validation Standard Operating Procedures*. Science and Ecosystem Support Division. Region IV. Athens, GA. September.

USEPA. 2017. National Functional Guidelines for Inorganic Superfund Methods Data Review. Office of Superfund Remediation and Technology Innovation. OLEM 9355.0-135 [EPA-540-R-2017-001]. Washington, DC. January.

TABLES

Grumman Road Private Industrial Landfill
Chatham County, Georgia
2021 Semiannual Groundwater Monitoring and Corrective Action Report

Table 1A
Monitoring Network Well Summary
Grumman Road Landfill
Chatham County, Georgia

Well ID	Installation Date (mm/dd/yyyy)	Northing (SD)	Easting (SD)	Top of Casing Elevation (SD)	Bottom Depth (ft BTOC)	Bottom Elevation (SD)	Depth to Top of Screen (ft BTOC)	Top of Screen Elevation (SD)	Hydraulic Location
GWA-7	07/29/1998	780887.99	960553.30	47.10	21.20	25.90	16.20	30.90	Upgradient
GWA-8	07/29/1998	781167.66	960453.78	46.84	20.80	26.04	15.80	31.04	Upgradient
GWB-4R	10/09/2018	779975.87	960770.83	49.58	27.00	22.58	16.76	32.82	Sidegradient
GWB-5R	10/09/2018	780294.37	960686.46	47.82	26.50	21.32	16.51	31.31	Sidegradient
GWB-6R	10/08/2018	780573.41	960610.31	47.40	22.70	24.70	12.69	34.71	Sidegradient
GWC-1	03/10/1997	779574.06	960864.07	50.30	28.20	22.10	21.93	28.37	Downgradient
GWC-2	03/11/1997	779433.81	960353.99	51.84	32.73	19.11	26.73	25.11	Downgradient
GWC-9	07/24/1998	781007.52	959954.35	47.11	27.40	19.71	22.40	24.71	Downgradient
GWC-11	07/23/1998	780352.70	960115.63	49.38	22.60	26.78	17.60	31.78	Downgradient
GWC-12	07/22/1998	780099.06	960175.37	47.48	26.70	20.78	21.70	25.78	Downgradient
GWC-13	07/22/1998	779737.90	960268.64	47.82	23.80	24.02	18.80	29.02	Downgradient
GWC-14	07/22/1998	779112.64	960423.84	50.70	27.00	23.70	22.00	28.70	Downgradient
GWC-15	07/22/1998	778948.31	960660.49	48.12	26.80	21.32	21.80	26.32	Downgradient
GWC-16	07/21/1998	779034.61	960956.85	47.79	28.20	19.59	23.20	24.59	Downgradient
GWC-17	1998	781420.05	960041.65	44.09	23.50	20.59	18.20	25.89	Downgradient
GWC-20	05/07/2010	779294.68	960950.04	50.03	25.59	24.44	20.29	29.74	Downgradient
GWC-21	05/07/2010	779031.11	960941.58	47.94	24.54	23.40	19.24	28.70	Downgradient
GWC-22	05/07/2010	780712.60	960057.05	46.72	19.21	27.51	13.91	32.81	Downgradient

Notes:
1. SD indicates feet relative to Site Datum.
2. ft BTOC indicates feet below top of casing.

Table 1B
Delineation Well and Piezometer Summary
Grumman Road Landfill
Chatham County, Georgia

Well ID	Installation Date (mm/dd/yyyy)	Northing (SD)	Easting (SD)	Top of Casing Elevation (SD)	Bottom Depth (ft BTOC)	Bottom Elevation (SD)	Depth to Top of Screen (ft BTOC)	Top of Screen Elevation (SD)	Purpose
GWC-10	07/24/1998	780703.64	960030.15	47.43	20.60	26.79	15.60	31.79	Piezometer
MW-23D	12/17/2020	779280.61	960949.37	50.20	63.30	-13.10	58.00	-7.80	Delineation
MW-24D	01/04/2021	779043.12	960964.95	48.54	66.30	-17.76	61.00	-12.46	Delineation
MW-25D	01/06/2021	778944.95	960648.33	48.33	70.20	-21.87	64.90	-16.57	Delineation
MW-26D	01/10/2021	779994.12	960768.25	49.39	69.90	-20.51	64.60	-15.21	Delineation
MW-27D	01/08/2021	779559.74	960868.15	50.53	72.43	-21.90	67.13	-16.60	Delineation

Notes:
1. SD indicates feet relative to Site Datum.
2. ft BTOC indicates feet below top of casing.

Table 2
Groundwater Sampling Event Summary
Grumman Road Landfill
Chatham County, Georgia

Well	Hydraulic Location	Sept. 21-23, 2021	November 10, 2021
Purpose of Sampling Event		Assessment	Verification
GWA-7	Upgradient	X	--
GWA-8	Upgradient	X	--
GWB-4R	Sidegradient	X	--
GWB-5R	Sidegradient	X	X
GWB-6R	Sidegradient	X	--
GWC-1	Downgradient	X	--
GWC-2	Downgradient	X	--
GWC-9	Downgradient	X	--
GWC-11	Downgradient	X	--
GWC-12	Downgradient	X	--
GWC-13	Downgradient	X	--
GWC-14	Downgradient	X	--
GWC-15	Downgradient	X	--
GWC-16	Downgradient	X	--
GWC-17	Downgradient	X	--
GWC-20	Downgradient	X	--
GWC-21	Downgradient	X	--
GWC-22	Downgradient	X	--
MW-23D	Delineation	X	--
MW-24D	Delineation	X	--
MW-25D	Delineation	X	--
MW-26D	Delineation	X	--
MW-27D	Delineation	X	--

Notes:
1. X indicates sample was collected.
2. September 2021 Assessment Event included Appendix III and Appendix IV analytes.
3. -- = Not sampled.

Table 3
Summary of Groundwater Monitoring Parameters
Grumman Road Landfill
Chatham County, Georgia

Appendix III (40 CFR 257)	Appendix IV (40 CFR 257)	State Permit Appendix I and II Metals
Boron	Antimony	Antimony
Calcium	Arsenic	Arsenic
Chloride	Barium	Barium
Fluoride	Beryllium	Chromium
pH	Cadmium	Lead
Sulfate	Chromium	Selenium
TDS	Cobalt	Vanadium
	Fluoride	Zinc
	Lead	
	Lithium	
	Mercury	
	Molybdenum	
	Radium 226 and 228 combined	
	Selenium	
	Thallium	

Table 4
Summary of Groundwater Elevations
September 2021
Grumman Road Landfill
Chatham County, Georgia

Well ID	TOC Elevation (SD)	Depth to Water (ft BTOC)	Groundwater Elevation (ft MSL)
GWA-7	47.10	5.34	41.76
GWA-8	46.84	6.06	40.78
GWB-4R	49.58	13.20	36.38
GWB-5R	47.82	9.00	38.82
GWB-6R	47.40	6.46	40.94
GWC-1	50.30	18.41	31.89
GWC-2	51.84	18.37	33.47
GWC-9	47.11	7.94	39.17
GWC-11	49.38	11.58	37.80
GWC-12	47.48	11.48	36.00
GWC-13	47.82	12.43	35.39
GWC-14	50.70	18.53	32.17
GWC-15	48.12	18.79	29.33
GWC-16	47.79	20.14	27.65
GWC-17	44.09	4.37	39.72
GWC-20	50.03	20.47	29.56
GWC-21	47.94	20.08	27.86
GWC-22	46.72	7.26	39.46
MW-23D	50.20	22.28	27.92
MW-24D	48.54	22.22	26.32
MW-25D	48.33	20.34	27.99
MW-26D	49.39	18.97	30.42
MW-27D	50.53	20.83	29.70

Notes:
1. ft BTOC indicates feet below top of casing.
2. SD indicates feet relative to Site Datum.
3. Depths to water measured on September 20, 2021.

Table 5
Groundwater Flow Velocity Calculations
September 2021
Grumman Road Landfill
Chatham County, Georgia

Equation

$$v = \frac{K\,(dh/dl)}{P_e}$$

where: v = groundwater velocity
K = hydraulic conductivity
dh/dl = hydraulic gradient
P_e = effective porosity

Values Used in Calculation

Value			Source
K =	2.7E-03	cm/sec	See note 1.
	7.60	ft/day	
dh/dl_{max} =	13.29/1576	ft/ft	hydraulic gradient from GWB-6R to GWC-16
=	0.008		
dh/dl_{min} =	2.04/737	ft/ft	hydraulic gradient from GWA-7 to GWC-17
=	0.003		
P_e =	0.20		See note 2.

$$v_{max} = \frac{(7.60)\,(0.008)}{0.20} \qquad v_{max} = 0.32 \text{ ft/day}$$

$$v_{min} = \frac{(7.60)\,(0.003)}{0.20} \qquad v_{min} = 0.11 \text{ ft/day}$$

Notes

(1) Grumman Road Monofill Groundwater Monitoring Plan (SCS, 1999)

(2) Default value for silty sands from Interim Final RCRA Investigation (EPA, 1989)

Table 6
Summary of Groundwater Analytical Data - September 2021
Grumman Road Landfill
Chatham County, Georgia

		Well ID							
		GWA-7	GWA-8	GWB-4R	GWB-5R	GWB-5R	GWB-6R	GWC-1	GWC-2
Substance		9/21/2021	9/21/2021	9/21/2021	9/21/2021	11/10/2021	9/21/2021	9/23/2021	9/22/2021
APPENDIX III	Boron	4.4	0.13	6.4	4.1	--	4.2	0.59	0.017 J
	Calcium	2.7	18.5	67.5	140	--	110	69.1	0.19 J
	Chloride	92.2	12.2	13.9	38.8	--	53.8	8.8	7.4
	Fluoride	0.077 J	0.068 J	<0.050	<0.050	--	<0.050	<0.050	<0.050
	pH	6.03	4.44	5.78	4.68	4.49	5.40	6.06	4.71
	Sulfate	11.1	96.5	232	829	--	645	37.3	10.3
	TDS	1210	145	476	1240	--	985	360	33.0
APPENDIX IV	Antimony	<0.0039	<0.00078	<0.00078	0.0013 J	--	<0.00078	0.0016 J	<0.00078
	Arsenic	<0.0057	<0.0011	0.0027 J	<0.0011	--	0.0054	0.0048 J	<0.0011
	Barium	0.073	0.049	0.098	0.076	--	0.077	0.062	0.047
	Beryllium	<0.00027	0.00016 J	<0.000054	0.000099 J	--	<0.000054	<0.000054	<0.000054
	Cadmium	<0.00057	<0.00011	<0.00011	<0.00011	--	<0.00011	<0.00011	<0.00011
	Chromium	0.013 J	<0.0011	0.0018 J	<0.0011	--	0.0035 J	0.0023 J	<0.0011
	Cobalt	<0.0020	<0.00039	<0.00039	0.019	0.041	0.0049 J	<0.00039	<0.00039
	Lead	<0.0044	<0.00089	<0.00089	<0.00089	--	<0.00089	<0.00089	<0.00089
	Lithium	<0.0036	0.00092 J	0.016 J	<0.00073	--	<0.00073	<0.00073	<0.00073
	Mercury	0.00010 J	0.00011 J	0.00010 J	0.00010 J	--	0.00010 J	0.00010 J	0.00010 J
	Molybdenum	<0.0037	<0.00074	0.12	<0.00074	--	<0.00074	0.060	<0.00074
	Radium	10.3	0.730 U	2.45	3.10	--	5.07	1.48	0.769 U
	Selenium	<0.0068	<0.0014	<0.0014	<0.0014	--	0.0016 J	0.0018 J	<0.0014
	Thallium	<0.00090	<0.00018	<0.00018	<0.00018	--	<0.00018	<0.00018	<0.00018
See Note 8	Vanadium	0.096	<0.0019	0.0027 J	0.0039 J	--	0.015	0.0042 J	<0.0019
	Zinc	<0.035	<0.0070	<0.0070	<0.0070	--	<0.0070	<0.0070	<0.0070

Notes:
1. Results for substances are reported in milligrams per liter (mg/L). Results for pH are reported in standard units (S.U.). Radium results are reported in picocuries per liter (pCi/L).
2. Radium data are for Radium 226 & Radium 228 (combined).
3. < indicates the substance was not detected above the relevant laboratory method detection limit (MDL).
4. J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
5. TDS indicates total dissolved solids.
6. U indicates the substance was detected below the Minimum Detection Concentration (MDC) and the precision of the laboratory instruments could not produce a reliable value. Therefore, the value followed by U is qualified by the laboratory as estimated.
7. Appendix III = indicator parameters evaluated during Detection and Assessment Monitoring; Appendix IV = parameters included and evaluated during Assessment Monitoring.
8. Parameters required by Permit are Appendix I/II parameters included to meet EPD Rule 391-3-4-.14 requirements.
9. Mercury was detected in the associated laboratory method blank, and results are qualified as non-detect in the Level 2A Laboratory Data Validations in Appendix B.
10. -- indicates parameter not analyzed during verification sampling.

Table 6
Summary of Groundwater Analytical Data - September 2021
Grumman Road Landfill
Chatham County, Georgia

		Well ID							
		GWC-9	GWC-11	GWC-12	GWC-13	GWC-14	GWC-15	GWC-16	GWC-17
Substance		9/22/2021	9/21/2021	9/21/2021	9/21/2021	9/22/2021	9/23/2021	9/22/2021	9/22/2021
APPENDIX III	Boron	0.015 J	0.80	5.8	0.38	0.052	0.72	11.5	1.4
	Calcium	5.0	87.0	63.4	3.6	185	146	267	94.6
	Chloride	19.3	103	63.8	7.9	28.0	7.1	55.8	517
	Fluoride	0.13	<0.050	0.31	<0.050	<0.050	<0.050	<0.050	0.79
	pH	4.70	4.92	4.05	4.83	5.76	6.48	5.57	4.63
	Sulfate	42.7	433	315	36.6	444	124	1040	394
	TDS	94.0	842	558	83.0	864	556	1680	1530
APPENDIX IV	Antimony	<0.00078	<0.00078	<0.00078	<0.00078	<0.00078	<0.00078	<0.00078	0.0014 J
	Arsenic	<0.0011	<0.0011	<0.0011	<0.0011	0.0014 J	0.21	0.081	<0.0011
	Barium	0.15	0.12	0.023	0.037	0.11	0.062	0.26	0.058
	Beryllium	0.00017 J	<0.000054	0.00047 J	<0.000054	<0.000054	<0.000054	0.000060 J	0.0017
	Cadmium	<0.00011	0.00036 J	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011
	Chromium	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	0.0013 J	0.0018 J	<0.0011
	Cobalt	0.00082 J	<0.00039	0.00065 J	<0.00039	<0.00039	<0.00039	<0.00039	0.0028 J
	Lead	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089
	Lithium	0.0015 J	<0.00073	0.00091 J	0.00087 J	<0.00073	<0.00073	<0.00073	0.0050 J
	Mercury	0.00011 J	0.00010 J	0.00010 J	0.00010 J	0.00011 J	0.00010 J	0.00010 J	0.00011 J
	Molybdenum	<0.00074	<0.00074	<0.00074	<0.00074	0.018	0.094	0.22	0.0053 J
	Radium	2.08	4.35	1.24 U	2.09	1.94 U	1.64	3.06	2.36
	Selenium	<0.0014	0.0038 J	<0.0014	<0.0014	0.0034 J	0.0016 J	0.0031 J	<0.0014
	Thallium	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
See Note 8	Vanadium	<0.0019	0.0020 J	0.0051 J	<0.0019	0.0052 J	0.0022 J	0.0025 J	<0.0019
	Zinc	<0.0070	<0.0070	<0.0070	0.036	0.010	<0.0070	<0.0070	<0.0070

Notes:
1. Results for substances are reported in milligrams per liter (mg/L). Results for pH are reported in standard units (S.U.). Radium results are reported in picocuries per liter (pCi/L).
2. Radium data are for Radium 226 & Radium 228 (combined).
3. < indicates the substance was not detected above the relevant laboratory method detection limit (MDL).
4. J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
5. TDS indicates total dissolved solids.
6. U indicates the substance was detected below the Minimum Detection Concentration (MDC) and the precision of the laboratory instruments could not produce a reliable value. Therefore, the value followed by U is qualified by the laboratory as estimated.
7. Appendix III = indicator parameters evaluated during Detection and Assessment Monitoring; Appendix IV = parameters included and evaluated during Assessment Monitoring.
8. Parameters required by Permit are Appendix I/II parameters included to meet EPD Rule 391-3-4-.14 requirements.
9. Mercury was detected in the associated laboratory method blank, and results are qualified as non-detect in the Level 2A Laboratory Data Validations in Appendix B.
10. -- indicates parameter not analyzed during verification sampling.

Table 6
Summary of Groundwater Analytical Data - September 2021
Grumman Road Landfill
Chatham County, Georgia

		Well ID							
		GWC-20	GWC-21	GWC-22	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
Substance		9/22/2021	9/22/2021	9/21/2021	9/22/2021	9/22/2021	9/23/2021	9/21/2021	9/21/2021
APPENDIX III	Boron	11.3	0.095	0.19	0.033 J	0.014 J	0.012 J	0.025 J	0.012 J
	Calcium	266	5.8	15.3	14.9	4.7	3.4	2.5	2.1
	Chloride	38.9	6.0	9.4	7.1	4.9	5.5	6.7	6.1
	Fluoride	<0.050	<0.050	<0.050	<0.050	<0.050	0.096 J	<0.050	<0.050
	pH	6.00	5.39	4.72	6.39	6.76	6.21	5.88	5.97
	Sulfate	905	14.6	52.4	84.6	<0.50	0.70 J	<0.50	<0.50
	TDS	1430	51.0	87.0	184	53.0	56.0	37.0	37.0
APPENDIX IV	Antimony	<0.00078	<0.00078	<0.00078	<0.00078	<0.00078	<0.00078	<0.00078	<0.00078
	Arsenic	0.23	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011
	Barium	0.42	0.046	0.036	0.076	0.038	0.024	0.027	0.022
	Beryllium	<0.000054	<0.000054	<0.000054	<0.000054	<0.000054	<0.000054	0.000073 J	0.000066 J
	Cadmium	0.00013 J	<0.00011	<0.00011	0.00027 J	<0.00011	<0.00011	<0.00011	0.00042 J
	Chromium	0.0013 J	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011
	Cobalt	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039	<0.00039
	Lead	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089	<0.00089
	Lithium	<0.00073	<0.00073	<0.00073	<0.00073	<0.00073	<0.00073	<0.00073	<0.00073
	Mercury	0.00011 J	0.00011 J	0.00010 J	0.00011 J	0.00010 J	0.00010 J	0.00010 J	0.00011 J
	Molybdenum	0.50	0.0019 J	<0.00074	<0.00074	0.0032 J	<0.00074	<0.00074	<0.00074
	Radium	6.84	0.959 U	1.25 U	1.40	0.982 U	1.15	0.815 U	0.593 U
	Selenium	0.0024 J	0.0027 J	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014	<0.0014
	Thallium	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
See Note 8	Vanadium	0.0033 J	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019	<0.0019
	Zinc	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070	<0.0070

Notes:
1. Results for substances are reported in milligrams per liter (mg/L). Results for pH are reported in standard units (S.U.). Radium results are reported in picocuries per liter (pCi/L).
2. Radium data are for Radium 226 & Radium 228 (combined).
3. < indicates the substance was not detected above the relevant laboratory method detection limit (MDL).
4. J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value. Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
5. TDS indicates total dissolved solids.
6. U indicates the substance was detected below the Minimum Detection Concentration (MDC) and the precision of the laboratory instruments could not produce a reliable value. Therefore, the value followed by U is qualified by the laboratory as estimated.
7. Appendix III = indicator parameters evaluated during Detection and Assessment Monitoring; Appendix IV = parameters included and evaluated during Assessment Monitoring.
8. Parameters required by Permit are Appendix I/II parameters included to meet EPD Rule 391-3-4-.14 requirements.
9. Mercury was detected in the associated laboratory method blank, and results are qualified as non-detect in the Level 2A Laboratory Data Validations in Appendix B.
10. -- indicates parameter not analyzed during verification sampling.

Table 7
Statistical Method Summary
Grumman Road Landfill
Chatham County, Georgia

Statistical Method Summary		
Monitoring Well Network	Upgradient Wells	GWA-7 and GWA-8
	Sidegradient Wells	GWB-4R, GWB-5R, and GWB-6R
	Downgradient Wells	GWC-1, GWC-2, GWC-9, GWC-11, GWC-12, GWC-13, GWC-14, GWC-15, GWC-16, GWC-17, GWC-20, GWC-21, and GWC-22
CCR Monitoring Parameters	Appendix III (Detection Monitoring)	Boron, Calcium, Chloride, Fluoride, pH, Sulfate, and TDS
	Appendix IV (Assessment Monitoring)	Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, combined Radium 226 + 228, Fluoride, Lead, Lithium, Mercury, Molybdenum, Selenium, and Thallium
EPD Permit Metals	Appendix I (Detection Monitoring)	Antimony, Arsenic, Barium, Chromium, Lead, Selenium, Vanadium, and Zinc
	Appendix II (Assessment Monitoring)	Antimony, Arsenic, Barium, Chromium, Lead, Selenium, Vanadium, and Zinc
Statistical Methodology	Data Screening Proposed Background	Evaluate outliers, trends, and seasonality when sufficient data are available
	Statistical Limits	Interwell statistical limits.

Table 8
Summary of Background Levels and Groundwater Protection Standards
Grumman Road Landfill
Chatham County, Georgia

Constituent	Site Background	MCL	GWPS
Antimony	0.003	0.006	0.006
Arsenic	0.029	0.01	0.029
Barium	0.22	2	2
Beryllium	0.003	0.004	0.004
Cadmium	0.0007	0.005	0.005
Chromium	0.068	0.1	0.1
Cobalt	0.01	N/A	0.01
Fluoride	0.45	4	4
Lead	0.013	N/A	0.013
Lithium	0.03	N/A	0.03
Mercury	0.0002	0.002	0.002
Molybdenum	0.01	N/A	0.01
Radium	32.08	5	32.08
Selenium	0.044	0.05	0.05
Thallium	0.001	0.002	0.002
Vanadium	0.43	N/A	0.43
Zinc	0.16	N/A	0.16

Notes:
1. Site Background = Tolerance limits calculated from pooled upgradient well data through present.
2. MCL = Maximum Contaminant Level, per Georgia EPD Rule 391-3-5-.18(1)(a).
3. GWPS = Groundwater protection standard, per Georgia EPD Rule 391-3-4-.10(6)(a).
4. Units are milligrams per liter (mg/L), except for radium, which are picocuries per liter (pCi/L).
5. The background tolerance limit (TL) used to evaluate GWPS for lithium is equal to the most recent laboratory-specified reporting limit (RL). Per the SAP, and in accordance with the Unified Guidance, a non-parametric limit approach was used because the data set contains greater than 50% non-detect results for this analyte. Under this approach, the TL equals the highest value reported, for which is the laboratory RL. However, the highest laboratory RL in background was 0.05 mg/L. As a result, the GWPS has been modified to be equal to the most recently used RL, which is 0.03 mg/L.
6. Site Background was the same for September 2021 and March 2021, except for fluoride (lowered from 0.49 to 0.45 mg/L) and radium (lowered from 33.8 to 32.08 pCi/L). GWPS were the same for both events, except for radium which was lowered from 33.8 pCi/L to 32.08 pCi/L.
7. N/A = There is no established MCL, per Georgia EPD Rule 391-3-5-.18(1)(a).

FIGURES

Grumman Road Private Industrial Landfill
Chatham County, Georgia
2021 Semiannual Groundwater Monitoring and Corrective Action Report

LOCATION IN THE STATE OF GEORGIA (NOT TO SCALE)

ATLANTIC COAST CONSULTING, INC.

800 0 400 800

SCALE (IN FEET)

LEGEND:

EXISTING	DESCRIPTION
	PROPERTY BOUNDARY

NOTES:

1. PROPERTY BOUNDARY SURVEYED BY GUNNIN LAND SURVEYING ON AUGUST 30, 2018.

PROJECT

Georgia Power

GEORGIA POWER COMPANY
GRUMMAN ROAD PRIVATE INDUSTRIAL LANDFILL

2021 SEMIANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

SITE LOCATION MAP

PROJECT NO. I054-110 December 2021

DRAWN BY:	MM	FIGURE:
CHECKED BY:	HJ	1

ATLANTIC COAST CONSULTING, INC.

250 0 125 250

SCALE (IN FEET)

LEGEND:

EXISTING	DESCRIPTION
	PROPERTY BOUNDARY
GWC-1	GROUNDWATER MONITORING NETWORK WELL
GWC-10	PIEZOMETER
MW-23D	DELINEATION WELL

NOTES:

1. PROPERTY BOUNDARY SURVEYED BY GUNNIN LAND SURVEYING ON AUGUST 30, 2018.
2. WELLS MW-23D, MW-24D, MW-25D, MW-26D, AND MW-27D WERE INSTALLED IN DECEMBER 2020 AND JANUARY 2021.

PROJECT

Georgia Power

GEORGIA POWER COMPANY
GRUMMAN ROAD PRIVATE INDUSTRIAL LANDFILL

2021 SEMIANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

WELL LOCATION MAP

PROJECT NO. I054-110 December 2021

DRAWN BY: MM

CHECKED BY: HJ

FIGURE: 2

Groundwater Elevations and Well Depths
Grumman Road Landfill September 2021

Monitoring Well ID	Well Depth (ft btoc)	Top of Casing (SD)	Depth to Water (ft btoc)	Groundwater Elevation (SD)
GWA-7	21.20	47.10	....	41.76
GWA-8	20.80	46.84	6.06	40.78
GWB-4R	27.00	49.58	13.20	36.38
GWB-5R	26.50	47.82	9.00	38.82
GWB-6R	22.70	47.40	6.46	40.94
GWC-1	28.20	50.30	18.41	31.89
GWC-2	32.73	51.84	18.37	33.47
GWC-9	27.40	47.11	7.94	39.17
GWC-11	22.60	49.38	11.58	37.80
GWC-12	26.70	47.48	11.48	36.00
GWC-13	23.80	47.82	12.43	35.39
GWC-14	27.00	50.70	18.53	32.17
GWC-15	26.80	48.12	18.79	29.33
GWC-16	28.20	47.79	20.14	27.65
GWC-17	23.50	44.09	4.37	39.72
GWC-20	25.59	50.03	20.47	29.56
GWC-21	25.54	47.94	20.08	27.86
GWC-22	19.21	46.72	7.26	39.46
MW-23D	63.30	50.20	22.28	27.92
MW-24D	66.30	48.54	22.22	26.32
MW-25D	70.20	48.33	20.34	27.99
MW-26D	69.90	49.39	18.97	30.42
MW-27D	72.43	50.53	20.83	29.70

Notes:
1. ft btoc - feet below top of casing.
2. SD indicates feet relative to Site Datum.
3. Depths to water measured on September 20, 2021.

ATLANTIC COAST CONSULTING, INC.

250 0 125 250
SCALE (IN FEET)

LEGEND:

EXISTING	DESCRIPTION
	PROPERTY BOUNDARY
GWC–1 31.96	GROUNDWATER MONITORING NETWORK WELL GROUNDWATER ELEVATION
GWC–10	PIEZOMETER
MW-23D	DELINEATION WELL
36 — 36	GROUNDWATER ELEVATION CONTOUR
	GROUNDWATER FLOW DIRECTION

NOTES:
1. PROPERTY BOUNDARY SURVEYED BY GUNNIN LAND SURVEYING ON AUGUST 30, 2018.
2. VERTICAL DELINEATION WELLS MW-23D, MW-24D, MW-25D, MW-26D, AND MW-27D WERE INSTALLED IN DECEMBER 2020 AND JANUARY 2021.

PROJECT

Georgia Power

GEORGIA POWER COMPANY
GRUMMAN ROAD PRIVATE INDUSTRIAL LANDFILL

2021 SEMIANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

SEPTEMBER 2021 POTENTIOMETRIC SURFACE MAP

PROJECT NO. I054-110 OCTOBER 2021

DRAWN BY:	RW	FIGURE:
CHECKED BY:	MM	3

APPENDICES

Grumman Road Private Industrial Landfill
Chatham County, Georgia
2021 Semiannual Groundwater Monitoring and Corrective Action Report

APPENDIX A

Monitoring Well Repair Documentation

Grumman Road Private Industrial Landfill
Chatham County, Georgia
2021 Semiannual Groundwater Monitoring and Corrective Action Report

1150 Northmeadow Parkway
Suite 100
Roswell GA 30076
(770) 594-5998
www.atlcc.net

MEMORANDUM

Date: October 18, 2021

To: Kristen Jurinko – Southern Company

CC: Lauren Coker – Southern Company, Ben Hodges – Georgia Power

From: Atlantic Coast Consulting

Subject: Grumman Road Private Industrial Landfill - Well Maintenance and Repair Documentation
Georgia Power Company

Atlantic Coast Consulting (ACC) has prepared this memorandum to provide documentation of groundwater monitoring well maintenance and/or repair performed at Grumman Road during the 2021 Semiannual Groundwater Monitoring reporting period. Additional documentation of maintenance/repairs completed by Southern Company Services – Civil Field Services in October 2021 is also included in this memorandum. All repairs and maintenance were completed in accordance with the Georgia Environmental Protection Division (GAEPD) guidance on routine visual inspections of groundwater monitoring wells.

Georgia Power Site/Unit	Date Performed	Well ID	Maintenance/ Repair Performed
Grumman Road	10/2021	GWA-7	Added 4 bollards
Grumman Road	10/2021	GWA-8	Repaired corner of pad and added 4 bollards
Grumman Road	10/2021	GWC-1	Added 2 bollards
Grumman Road	10/2021	GWC-2	Repaired corner of pad and added 4 bollards
Grumman Road	10/2021	GWB-4R	Added 4 bollards
Grumman Road	10/2021	GWC-9	Repaired corner of pad and added 4 bollards
Grumman Road	10/2021	GWC-10	Added 4 bollards
Grumman Road	10/2021	GWC-11	Added 4 bollards

Georgia Power Site/Unit	Date Performed	Well ID	Maintenance/ Repair Performed
Grumman Road	10/2021	GWC-12	Well pad cleaned off and added 4 bollards
Grumman Road	10/2021	GWC-13	Raised and replaced well pad, raised well riser, installed new aluminum protective cover, added pea gravel to anulus of protective cover, drilled vent and weep holes, and re-surveyed well
Grumman Road	10/2021	GWC-14	Added 2 bollards
Grumman Road	10/2021	GWC-16	Added 2 bollards
Grumman Road	10/2021	GWC-20	Added 4 bollards
Grumman Road	10/2021	GWC-21	Added 4 bollards
Grumman Road	10/2021	GWC-22	Added 2 bollards
Grumman Road	9/2021	MW-23D	Added well label.
Grumman Road	9/2021	MW-24D	Added well label.
Grumman Road	9/2021	MW-25D	Added well label.
Grumman Road	9/2021	MW-26D	Added well label.
Grumman Road	9/2021	MW-27D	Added well label.

141 Railroad Street, Suite 116
Canton, GA 30114

GUNNIN
LAND SURVEYING

www.gunninsurvey.com
678.880.7502

DATE: November 22, 2021

TO: Atlantic Coastal Consulting, Inc
1150 Northmeadow Parkway
Suite 100
Roswell, GA 30076

ATTN: Monte Jones of Atlantic Coastal Consulting

SUBJECT: Grumman Road Landfill: GWC-13

The following data has been established on the new well using existing site datum. The well was surveyed to the following tolerances: 0.01' vertical and 0.5' horizontal via conventional survey methods and level loops. Survey measurements were cross-checked for horizontal and vertical accuracy. Date of Survey: 11/10/2021.

WELL ID	NORTHING	EASTING	ELEVATION	ELEVATION	ELEVATION
	NAIL	NAIL	NAIL	TOP OF CASE	TOP OF PVC
GWC-13	779738.03	960269.62	45.45	48.51	48.21

Sincerely yours,

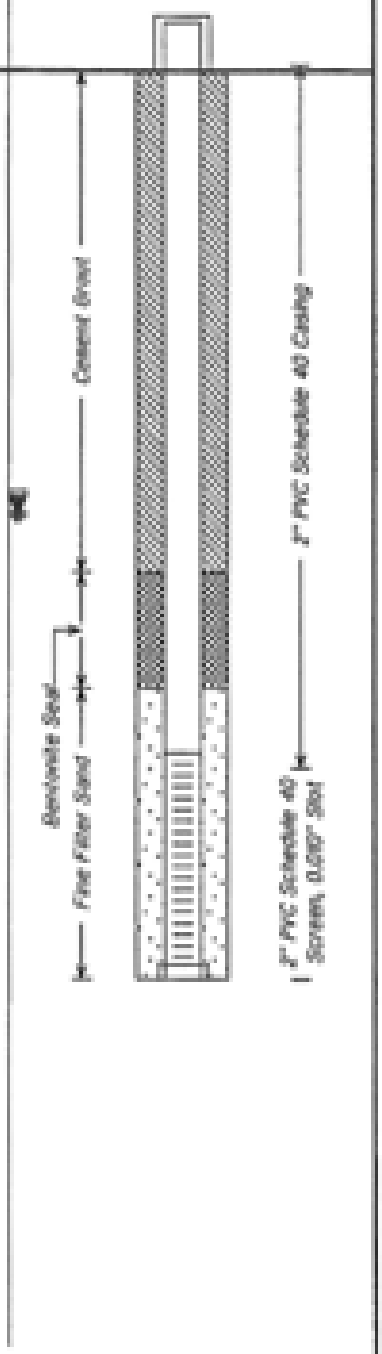
Gunnin Land Surveying, LLC.

Jesse R. Gunnin, L.S. Principal Surveyor

PROJECT:	SEPCO Savannah, Georgia	WELL LOG	GWC-13
PROJECT NO.: 944-98-085	ELEVATION: 45.45	NOTES: N-779738.03, E-960269.62	
LOGGED BY: AM	BORING DEPTH: 26.0 FEET		
DATE DRILLED: 07-22-98	WATER LEVEL: 10.35 Feet @ TOB	Elevations and Coordinates are in feet relative to Site Datums. Well resurveyed November 10, 2001.	
DRILLING METHOD: 4-1/4" I.D. HSA	DRILL RIG: Simco 2400		

DEPTH (ft)	GRAPHIC LOG	Description & Remarks	SAMPLE NUMBER	SAMPLE	OVM (ppm)	SPT	ELEV.
		SILTY SAND Fine, Dark Gray	G-1			8	
		Fine, Dark Brown Red Brown					
5			G-2			15	
		Fine, Orange Brown, Wet					
10			G-3			54	
		Fine, Brown to Light Brown with Mica					
15			G-4			24	
		Fine, Brown to Gray with Mica and Iron Concretions, Trace Clay					
20			G-5			16	
		Fine, Light Brown to Gray Very Silty Fine, and Olive Gray Clay					
25			G-6			5	
		Termination of Boring At 26.0 feet					
30							

WELL DIAGRAM



S&ME
Environmental Services
Engineering • Testing

APPENDIX B

Laboratory Analytical and Field Sampling Reports

Grumman Road Private Industrial Landfill
Chatham County, Georgia
2021 Semiannual Groundwater Monitoring and Corrective Action Report

Pace Analytical Services, LLC
110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

October 12, 2021

Joju Abraham
Georgia Power-CCR
2480 Maner Road
Atlanta, GA 30339

RE: Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Dear Joju Abraham:

Enclosed are the analytical results for sample(s) received by the laboratory on September 24, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte
- Pace Analytical Services - Peachtree Corners, GA

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Nicole D'Oleo

Nicole D'Oleo
nicole.d'oleo@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Owens Fuquea, ACC
Monte Jones, Atlantic Coast Consulting, Inc.
Kristen Jurinko
Matt Malone, Atlantic Coast Consulting
Betsy McDaniel, Atlantic Coast Consulting
Ms. Lauren Petty, Southern Company

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Pace Analytical Services, LLC
110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

CERTIFICATIONS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville
2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

Pace Analytical Services Peachtree Corners
110 Technology Pkwy, Peachtree Corners, GA 30092
Florida DOH Certification #: E87315
Georgia DW Inorganics Certification #: 812
North Carolina Certification #: 381
South Carolina Certification #: 98011001

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110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

SAMPLE SUMMARY

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92563313001	**GWA-7**	Water	09/21/21 09:55	09/24/21 09:18
92563313002	**GWB-4R**	Water	09/21/21 14:45	09/24/21 09:18
92563313003	**GWB-5R**	Water	09/21/21 12:35	09/24/21 09:18
92563313004	**GWB-6R**	Water	09/21/21 11:15	09/24/21 09:18
92563313005	**MW-26D**	Water	09/21/21 13:45	09/24/21 09:18
92563313006	**MW-27D**	Water	09/21/21 16:15	09/24/21 09:18
92563313007	**GWA-8**	Water	09/21/21 09:45	09/24/21 09:18
92563313008	**GWC-11**	Water	09/21/21 12:40	09/24/21 09:18
92563313009	**GWC-12**	Water	09/21/21 10:57	09/24/21 09:18
92563313010	**GWC-13**	Water	09/21/21 16:20	09/24/21 09:18
92563313011	**GWC-22**	Water	09/21/21 14:00	09/24/21 09:18
92563313012	**FB-1**	Water	09/21/21 09:45	09/24/21 09:18
92563313013	**GWC-2**	Water	09/22/21 14:38	09/24/21 09:18
92563313014	**GWC-9**	Water	09/22/21 13:03	09/24/21 09:18
92563313015	**GWC-14**	Water	09/22/21 16:10	09/24/21 09:18
92563313016	**GWC-16**	Water	09/22/21 11:00	09/24/21 09:18
92563313017	**GWC-17**	Water	09/22/21 12:00	09/24/21 09:18
92563313018	**GWC-20**	Water	09/22/21 14:05	09/24/21 09:18
92563313019	**GWC-21**	Water	09/22/21 09:40	09/24/21 09:18
92563313020	**MW-23D**	Water	09/22/21 16:00	09/24/21 09:18
92563313021	**MW-24D**	Water	09/22/21 12:25	09/24/21 09:18
92563313022	**MW-25D**	Water	09/23/21 10:05	09/24/21 09:18
92563313023	**GWC-1**	Water	09/23/21 09:10	09/24/21 09:18
92563313024	**GWC-15**	Water	09/23/21 08:55	09/24/21 09:18
92563313025	**EB-1**	Water	09/21/21 11:25	09/24/21 09:18
92563313026	**DUP-1**	Water	09/21/21 00:00	09/24/21 09:18
92563313027	**EB-2**	Water	09/22/21 08:45	09/24/21 09:18
92563313028	**FB-2**	Water	09/22/21 12:40	09/24/21 09:18
92563313029	**DUP-2**	Water	09/22/21 00:00	09/24/21 09:18
92563313030	**EB-3**	Water	09/23/21 09:00	09/24/21 09:18
92563313031	**FB-3**	Water	09/22/21 13:15	09/24/21 09:18
92563313032	**DUP-3**	Water	09/22/21 00:00	09/24/21 09:18
92563313033	**GWA-7**	Water	09/21/21 09:55	09/24/21 09:18

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Pace Analytical Services, LLC
110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

SAMPLE ANALYTE COUNT

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92563313001	**GWA-7**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313002	**GWB-4R**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313003	**GWB-5R**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313004	**GWB-6R**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313005	**MW-26D**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313006	**MW-27D**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313007	**GWA-8**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313008	**GWC-11**	EPA 6010D	KH	1
		EPA 6020B	CW1	15

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Pace Analytical Services, LLC
110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

SAMPLE ANALYTE COUNT

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313009	**GWC-12**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313010	**GWC-13**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313011	**GWC-22**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313012	**FB-1**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313013	**GWC-2**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313014	**GWC-9**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313015	**GWC-14**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1

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Pace Analytical Services, LLC
110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

SAMPLE ANALYTE COUNT

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313016	**GWC-16**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313017	**GWC-17**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313018	**GWC-20**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313019	**GWC-21**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313020	**MW-23D**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313021	**MW-24D**	EPA 6010D	DRB	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313022	**MW-25D**	EPA 6010D	DRB	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313023	**GWC-1**	EPA 6010D	DRB	1

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SAMPLE ANALYTE COUNT

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 6020B	CW1, KH	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313024	**GWC-15**	EPA 6010D	DRB	1
		EPA 6020B	CW1, KH	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313025	**EB-1**	EPA 6010D	DRB	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313026	**DUP-1**	EPA 6010D	DRB	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313027	**EB-2**	EPA 6010D	DRB	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313028	**FB-2**	EPA 6010D	DRB	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313029	**DUP-2**	EPA 6010D	DRB	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313030	**EB-3**	EPA 6010D	DRB	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1

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SAMPLE ANALYTE COUNT

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313031	**FB-3**	EPA 6010D	DRB	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313032	**DUP-3**	EPA 6010D	DRB	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313033	**GWA-7**	EPA 6010D	DRB	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1

PASI-A = Pace Analytical Services - Asheville
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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563313001	**GWA-7**					
	Performed by	CUSTOMER			09/24/21 13:50	
	pH	6.03	Std. Units		09/24/21 13:50	
EPA 6010D	Calcium	2.7	mg/L	1.0	10/04/21 19:42	
EPA 6020B	Barium	0.073	mg/L	0.025	10/04/21 15:47	
EPA 6020B	Boron	4.4	mg/L	0.20	10/04/21 15:47	
EPA 6020B	Chromium	0.013J	mg/L	0.025	10/04/21 15:47	D3
EPA 6020B	Vanadium	0.096	mg/L	0.050	10/04/21 15:47	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 13:41	B
SM 2540C-2011	Total Dissolved Solids	1210	mg/L	50.0	09/27/21 10:20	
EPA 300.0 Rev 2.1 1993	Chloride	92.2	mg/L	1.0	09/27/21 08:34	
EPA 300.0 Rev 2.1 1993	Fluoride	0.077J	mg/L	0.10	09/27/21 08:34	
EPA 300.0 Rev 2.1 1993	Sulfate	11.1	mg/L	1.0	09/27/21 08:34	
92563313002	**GWB-4R**					
	Performed by	CUSTOMER			09/24/21 13:50	
	pH	5.78	Std. Units		09/24/21 13:50	
EPA 6010D	Calcium	67.5	mg/L	1.0	10/04/21 19:47	
EPA 6020B	Arsenic	0.0027J	mg/L	0.0050	10/04/21 15:52	
EPA 6020B	Barium	0.098	mg/L	0.0050	10/04/21 15:52	
EPA 6020B	Boron	6.4	mg/L	0.040	10/04/21 15:52	M1
EPA 6020B	Chromium	0.0018J	mg/L	0.0050	10/04/21 15:52	
EPA 6020B	Lithium	0.016J	mg/L	0.030	10/04/21 15:52	
EPA 6020B	Molybdenum	0.12	mg/L	0.010	10/04/21 15:52	
EPA 6020B	Vanadium	0.0027J	mg/L	0.010	10/04/21 15:52	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 13:43	B
SM 2540C-2011	Total Dissolved Solids	476	mg/L	20.0	09/27/21 10:20	
EPA 300.0 Rev 2.1 1993	Chloride	13.9	mg/L	1.0	09/27/21 08:49	
EPA 300.0 Rev 2.1 1993	Sulfate	232	mg/L	5.0	09/27/21 16:02	
92563313003	**GWB-5R**					
	Performed by	CUSTOMER			09/24/21 13:50	
	pH	4.68	Std. Units		09/24/21 13:50	
EPA 6010D	Calcium	140	mg/L	1.0	10/04/21 19:52	M1
EPA 6020B	Antimony	0.0013J	mg/L	0.0030	10/04/21 16:15	
EPA 6020B	Barium	0.076	mg/L	0.0050	10/04/21 16:15	
EPA 6020B	Beryllium	0.000099J	mg/L	0.00050	10/04/21 16:15	
EPA 6020B	Boron	4.1	mg/L	0.040	10/04/21 16:15	
EPA 6020B	Cobalt	0.019	mg/L	0.0050	10/04/21 16:15	
EPA 6020B	Vanadium	0.0039J	mg/L	0.010	10/04/21 16:15	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 13:46	B
SM 2540C-2011	Total Dissolved Solids	1240	mg/L	50.0	09/27/21 10:20	
EPA 300.0 Rev 2.1 1993	Chloride	38.8	mg/L	1.0	09/27/21 09:03	
EPA 300.0 Rev 2.1 1993	Sulfate	829	mg/L	18.0	09/27/21 16:17	
92563313004	**GWB-6R**					
	Performed by	CUSTOMER			09/24/21 13:51	

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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563313004	**GWB-6R**					
	pH	5.40	Std. Units		09/24/21 13:51	
EPA 6010D	Calcium	110	mg/L	1.0	10/04/21 20:11	
EPA 6020B	Arsenic	0.0054	mg/L	0.0050	10/04/21 16:21	
EPA 6020B	Barium	0.077	mg/L	0.0050	10/04/21 16:21	
EPA 6020B	Boron	4.2	mg/L	0.040	10/04/21 16:21	
EPA 6020B	Chromium	0.0035J	mg/L	0.0050	10/04/21 16:21	
EPA 6020B	Cobalt	0.0049J	mg/L	0.0050	10/04/21 16:21	
EPA 6020B	Selenium	0.0016J	mg/L	0.0050	10/04/21 16:21	
EPA 6020B	Vanadium	0.015	mg/L	0.010	10/04/21 16:21	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 14:02	B
SM 2540C-2011	Total Dissolved Solids	985	mg/L	50.0	09/27/21 10:20	
EPA 300.0 Rev 2.1 1993	Chloride	53.8	mg/L	1.0	09/27/21 09:18	
EPA 300.0 Rev 2.1 1993	Sulfate	645	mg/L	14.0	09/27/21 17:02	
92563313005	**MW-26D**					
	Performed by	CUSTOMER			09/24/21 13:51	
	pH	5.88	Std. Units		09/24/21 13:51	
EPA 6010D	Calcium	2.5	mg/L	1.0	10/04/21 20:16	
EPA 6020B	Barium	0.027	mg/L	0.0050	10/04/21 16:27	
EPA 6020B	Beryllium	0.000073J	mg/L	0.00050	10/04/21 16:27	
EPA 6020B	Boron	0.025J	mg/L	0.040	10/04/21 16:27	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 14:04	B
SM 2540C-2011	Total Dissolved Solids	37.0	mg/L	10.0	09/27/21 10:21	
EPA 300.0 Rev 2.1 1993	Chloride	6.7	mg/L	1.0	09/27/21 09:33	
92563313006	**MW-27D**					
	Performed by	CUSTOMER			09/24/21 13:52	
	pH	5.97	Std. Units		09/24/21 13:52	
EPA 6010D	Calcium	2.1	mg/L	1.0	10/04/21 20:21	
EPA 6020B	Barium	0.022	mg/L	0.0050	10/04/21 16:48	
EPA 6020B	Beryllium	0.000066J	mg/L	0.00050	10/04/21 16:48	
EPA 6020B	Boron	0.012J	mg/L	0.040	10/04/21 16:48	
EPA 6020B	Cadmium	0.00042J	mg/L	0.00050	10/04/21 16:48	
EPA 7470A	Mercury	0.00011J	mg/L	0.00020	10/06/21 14:07	B
SM 2540C-2011	Total Dissolved Solids	37.0	mg/L	10.0	09/27/21 10:21	
EPA 300.0 Rev 2.1 1993	Chloride	6.1	mg/L	1.0	09/27/21 09:48	
92563313007	**GWA-8**					
	Performed by	CUSTOMER			09/24/21 13:52	
	pH	4.44	Std. Units		09/24/21 13:52	
EPA 6010D	Calcium	18.5	mg/L	1.0	10/04/21 20:35	
EPA 6020B	Barium	0.049	mg/L	0.0050	10/04/21 16:54	
EPA 6020B	Beryllium	0.00016J	mg/L	0.00050	10/04/21 16:54	
EPA 6020B	Boron	0.13	mg/L	0.040	10/04/21 16:54	
EPA 6020B	Lithium	0.00092J	mg/L	0.030	10/04/21 16:54	
EPA 7470A	Mercury	0.00011J	mg/L	0.00020	10/06/21 14:10	B

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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563313007	**GWA-8**					
SM 2540C-2011	Total Dissolved Solids	145	mg/L	10.0	09/27/21 10:21	
EPA 300.0 Rev 2.1 1993	Chloride	12.2	mg/L	1.0	09/27/21 10:03	
EPA 300.0 Rev 2.1 1993	Fluoride	0.068J	mg/L	0.10	09/27/21 10:03	
EPA 300.0 Rev 2.1 1993	Sulfate	96.5	mg/L	1.0	09/27/21 10:03	
92563313008	**GWC-11**					
	Performed by	CUSTOMER			09/24/21 13:52	
	pH	4.92	Std. Units		09/24/21 13:52	
EPA 6010D	Calcium	87.0	mg/L	1.0	10/04/21 20:40	
EPA 6020B	Barium	0.12	mg/L	0.0050	10/04/21 17:00	
EPA 6020B	Boron	0.80	mg/L	0.040	10/04/21 17:00	
EPA 6020B	Cadmium	0.00036J	mg/L	0.00050	10/04/21 17:00	
EPA 6020B	Selenium	0.0038J	mg/L	0.0050	10/04/21 17:00	
EPA 6020B	Vanadium	0.0020J	mg/L	0.010	10/04/21 17:00	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 14:12	B
SM 2540C-2011	Total Dissolved Solids	842	mg/L	20.0	09/27/21 10:21	
EPA 300.0 Rev 2.1 1993	Chloride	103	mg/L	10.0	09/27/21 17:17	
EPA 300.0 Rev 2.1 1993	Sulfate	433	mg/L	10.0	09/27/21 17:17	
92563313009	**GWC-12**					
	Performed by	CUSTOMER			09/24/21 13:53	
	pH	4.05	Std. Units		09/24/21 13:53	
EPA 6010D	Calcium	63.4	mg/L	1.0	10/04/21 20:44	
EPA 6020B	Barium	0.023	mg/L	0.0050	10/04/21 17:05	
EPA 6020B	Beryllium	0.00047J	mg/L	0.00050	10/04/21 17:05	
EPA 6020B	Boron	5.8	mg/L	0.040	10/04/21 17:05	
EPA 6020B	Cobalt	0.00065J	mg/L	0.0050	10/04/21 17:05	
EPA 6020B	Lithium	0.00091J	mg/L	0.030	10/04/21 17:05	
EPA 6020B	Vanadium	0.0051J	mg/L	0.010	10/04/21 17:05	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 14:15	B
SM 2540C-2011	Total Dissolved Solids	558	mg/L	20.0	09/27/21 10:21	
EPA 300.0 Rev 2.1 1993	Chloride	63.8	mg/L	1.0	09/27/21 11:33	
EPA 300.0 Rev 2.1 1993	Fluoride	0.31	mg/L	0.10	09/27/21 11:33	
EPA 300.0 Rev 2.1 1993	Sulfate	315	mg/L	8.0	09/27/21 18:01	
92563313010	**GWC-13**					
	Performed by	CUSTOMER			09/24/21 13:53	
	pH	4.83	Std. Units		09/24/21 13:53	
EPA 6010D	Calcium	3.6	mg/L	1.0	10/04/21 20:49	
EPA 6020B	Barium	0.037	mg/L	0.0050	10/04/21 17:11	
EPA 6020B	Boron	0.38	mg/L	0.040	10/04/21 17:11	
EPA 6020B	Lithium	0.00087J	mg/L	0.030	10/04/21 17:11	
EPA 6020B	Zinc	0.036	mg/L	0.010	10/04/21 17:11	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 14:17	B
SM 2540C-2011	Total Dissolved Solids	83.0	mg/L	10.0	09/27/21 10:22	
EPA 300.0 Rev 2.1 1993	Chloride	7.9	mg/L	1.0	09/27/21 11:48	

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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563313010	**GWC-13**					
EPA 300.0 Rev 2.1 1993	Sulfate	36.6	mg/L	1.0	09/27/21 11:48	
92563313011	**GWC-22**					
	Performed by	CUSTOMER			09/24/21 13:53	
	pH	4.72	Std. Units		09/24/21 13:53	
EPA 6010D	Calcium	15.3	mg/L	1.0	10/04/21 20:54	
EPA 6020B	Barium	0.036	mg/L	0.0050	10/04/21 17:17	
EPA 6020B	Boron	0.19	mg/L	0.040	10/04/21 17:17	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 14:25	B
SM 2540C-2011	Total Dissolved Solids	87.0	mg/L	10.0	09/27/21 10:22	
EPA 300.0 Rev 2.1 1993	Chloride	9.4	mg/L	1.0	09/27/21 12:03	
EPA 300.0 Rev 2.1 1993	Sulfate	52.4	mg/L	1.0	09/27/21 12:03	
92563313012	**FB-1**					
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 14:28	B
92563313013	**GWC-2**					
	Performed by	CUSTOMER			09/24/21 13:54	
	pH	4.71	Std. Units		09/24/21 13:54	
EPA 6010D	Calcium	0.19J	mg/L	1.0	10/04/21 21:03	
EPA 6020B	Barium	0.047	mg/L	0.0050	10/04/21 17:28	
EPA 6020B	Boron	0.017J	mg/L	0.040	10/04/21 17:28	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 14:31	B
SM 2540C-2011	Total Dissolved Solids	33.0	mg/L	10.0	09/29/21 18:45	
EPA 300.0 Rev 2.1 1993	Chloride	7.4	mg/L	1.0	09/27/21 12:33	
EPA 300.0 Rev 2.1 1993	Sulfate	10.3	mg/L	1.0	09/27/21 12:33	
92563313014	**GWC-9**					
	Performed by	CUSTOMER			09/24/21 13:54	
	pH	4.70	Std. Units		09/24/21 13:54	
EPA 6010D	Calcium	5.0	mg/L	1.0	10/04/21 21:08	
EPA 6020B	Barium	0.15	mg/L	0.0050	10/04/21 17:34	
EPA 6020B	Beryllium	0.00017J	mg/L	0.00050	10/04/21 17:34	
EPA 6020B	Boron	0.015J	mg/L	0.040	10/04/21 17:34	
EPA 6020B	Cobalt	0.00082J	mg/L	0.0050	10/04/21 17:34	
EPA 6020B	Lithium	0.0015J	mg/L	0.030	10/04/21 17:34	
EPA 7470A	Mercury	0.00011J	mg/L	0.00020	10/06/21 14:33	B
SM 2540C-2011	Total Dissolved Solids	94.0	mg/L	10.0	09/29/21 18:45	
EPA 300.0 Rev 2.1 1993	Chloride	19.3	mg/L	1.0	09/27/21 12:48	
EPA 300.0 Rev 2.1 1993	Fluoride	0.13	mg/L	0.10	09/27/21 12:48	
EPA 300.0 Rev 2.1 1993	Sulfate	42.7	mg/L	1.0	09/27/21 12:48	
92563313015	**GWC-14**					
	Performed by	CUSTOMER			09/24/21 13:54	
	pH	5.76	Std. Units		09/24/21 13:54	
EPA 6010D	Calcium	185	mg/L	1.0	10/04/21 21:13	

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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563313015	**GWC-14**					
EPA 6020B	Arsenic	0.0014J	mg/L	0.0050	10/04/21 17:40	
EPA 6020B	Barium	0.11	mg/L	0.0050	10/04/21 17:40	
EPA 6020B	Boron	0.052	mg/L	0.040	10/04/21 17:40	
EPA 6020B	Molybdenum	0.018	mg/L	0.010	10/04/21 17:40	
EPA 6020B	Selenium	0.0034J	mg/L	0.0050	10/04/21 17:40	
EPA 6020B	Vanadium	0.0052J	mg/L	0.010	10/04/21 17:40	
EPA 6020B	Zinc	0.010	mg/L	0.010	10/04/21 17:40	
EPA 7470A	Mercury	0.00011J	mg/L	0.00020	10/06/21 14:36	B
SM 2540C-2011	Total Dissolved Solids	864	mg/L	20.0	09/29/21 18:45	
EPA 300.0 Rev 2.1 1993	Chloride	28.0	mg/L	1.0	09/27/21 13:03	
EPA 300.0 Rev 2.1 1993	Sulfate	444	mg/L	10.0	09/27/21 18:16	
92563313016	**GWC-16**					
	Performed by	CUSTOMER			09/24/21 13:54	
	pH	5.57	Std. Units		09/24/21 13:54	
EPA 6010D	Calcium	267	mg/L	1.0	10/04/21 21:18	
EPA 6020B	Arsenic	0.081	mg/L	0.0050	10/04/21 18:13	
EPA 6020B	Barium	0.26	mg/L	0.0050	10/04/21 18:13	
EPA 6020B	Beryllium	0.000060J	mg/L	0.00050	10/04/21 18:13	
EPA 6020B	Boron	11.5	mg/L	2.0	10/05/21 13:54	
EPA 6020B	Chromium	0.0018J	mg/L	0.0050	10/04/21 18:13	
EPA 6020B	Molybdenum	0.22	mg/L	0.010	10/04/21 18:13	
EPA 6020B	Selenium	0.0031J	mg/L	0.0050	10/04/21 18:13	
EPA 6020B	Vanadium	0.0025J	mg/L	0.010	10/05/21 14:18	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 14:39	B
SM 2540C-2011	Total Dissolved Solids	1680	mg/L	100	09/29/21 18:45	
EPA 300.0 Rev 2.1 1993	Chloride	55.8	mg/L	1.0	09/27/21 13:18	
EPA 300.0 Rev 2.1 1993	Sulfate	1040	mg/L	23.0	09/27/21 18:30	
92563313017	**GWC-17**					
	Performed by	CUSTOMER			09/24/21 13:55	
	pH	4.63	Std. Units		09/24/21 13:55	
EPA 6010D	Calcium	94.6	mg/L	1.0	10/04/21 21:32	
EPA 6020B	Antimony	0.0014J	mg/L	0.0030	10/04/21 18:18	
EPA 6020B	Barium	0.058	mg/L	0.0050	10/04/21 18:18	
EPA 6020B	Beryllium	0.0017	mg/L	0.00050	10/04/21 18:18	
EPA 6020B	Boron	1.4	mg/L	0.040	10/04/21 18:18	
EPA 6020B	Cobalt	0.0028J	mg/L	0.0050	10/04/21 18:18	
EPA 6020B	Lithium	0.0050J	mg/L	0.030	10/04/21 18:18	
EPA 6020B	Molybdenum	0.0053J	mg/L	0.010	10/04/21 18:18	
EPA 7470A	Mercury	0.00011J	mg/L	0.00020	10/06/21 14:41	B
SM 2540C-2011	Total Dissolved Solids	1530	mg/L	100	09/29/21 18:45	
EPA 300.0 Rev 2.1 1993	Chloride	517	mg/L	12.0	09/27/21 18:45	
EPA 300.0 Rev 2.1 1993	Fluoride	0.79	mg/L	0.10	09/27/21 14:03	
EPA 300.0 Rev 2.1 1993	Sulfate	394	mg/L	12.0	09/27/21 18:45	

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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563313018	**GWC-20**					
	Performed by	CUSTOMER			09/24/21 13:55	
	pH	6.00	Std. Units		09/24/21 13:55	
EPA 6010D	Calcium	266	mg/L	1.0	10/04/21 21:37	
EPA 6020B	Arsenic	0.23	mg/L	0.0050	10/04/21 18:24	
EPA 6020B	Barium	0.42	mg/L	0.0050	10/04/21 18:24	
EPA 6020B	Boron	11.3	mg/L	2.0	10/05/21 14:00	
EPA 6020B	Cadmium	0.00013J	mg/L	0.00050	10/04/21 18:24	
EPA 6020B	Chromium	0.0013J	mg/L	0.0050	10/04/21 18:24	
EPA 6020B	Molybdenum	0.50	mg/L	0.010	10/04/21 18:24	
EPA 6020B	Selenium	0.0024J	mg/L	0.0050	10/04/21 18:24	
EPA 6020B	Vanadium	0.0033J	mg/L	0.010	10/05/21 14:29	
EPA 7470A	Mercury	0.00011J	mg/L	0.00020	10/06/21 14:44	B
SM 2540C-2011	Total Dissolved Solids	1430	mg/L	100	09/29/21 18:45	
EPA 300.0 Rev 2.1 1993	Chloride	38.9	mg/L	1.0	09/27/21 00:28	
EPA 300.0 Rev 2.1 1993	Sulfate	905	mg/L	20.0	09/27/21 06:51	
92563313019	**GWC-21**					
	Performed by	CUSTOMER			09/24/21 13:55	
	pH	5.39	Std. Units		09/24/21 13:55	
EPA 6010D	Calcium	5.8	mg/L	1.0	10/04/21 21:42	
EPA 6020B	Barium	0.046	mg/L	0.0050	10/04/21 18:30	
EPA 6020B	Boron	0.095	mg/L	0.040	10/04/21 18:30	
EPA 6020B	Molybdenum	0.0019J	mg/L	0.010	10/04/21 18:30	
EPA 6020B	Selenium	0.0027J	mg/L	0.0050	10/04/21 18:30	
EPA 7470A	Mercury	0.00011J	mg/L	0.00020	10/06/21 14:46	B
SM 2540C-2011	Total Dissolved Solids	51.0	mg/L	10.0	09/29/21 18:45	
EPA 300.0 Rev 2.1 1993	Chloride	6.0	mg/L	1.0	09/27/21 01:16	
EPA 300.0 Rev 2.1 1993	Sulfate	14.6	mg/L	1.0	09/27/21 01:16	
92563313020	**MW-23D**					
	Performed by	CUSTOMER			09/24/21 13:56	
	pH	6.39	Std. Units		09/24/21 13:56	
EPA 6010D	Calcium	14.9	mg/L	1.0	10/04/21 21:47	
EPA 6020B	Barium	0.076	mg/L	0.0050	10/04/21 18:36	
EPA 6020B	Boron	0.033J	mg/L	0.040	10/04/21 18:36	
EPA 6020B	Cadmium	0.00027J	mg/L	0.00050	10/04/21 18:36	
EPA 7470A	Mercury	0.00011J	mg/L	0.00020	10/06/21 14:49	B
SM 2540C-2011	Total Dissolved Solids	184	mg/L	10.0	09/29/21 18:46	
EPA 300.0 Rev 2.1 1993	Chloride	7.1	mg/L	1.0	09/27/21 01:32	
EPA 300.0 Rev 2.1 1993	Sulfate	84.6	mg/L	1.0	09/27/21 01:32	
92563313021	**MW-24D**					
	Performed by	CUSTOMER			09/24/21 13:56	
	pH	6.76	Std. Units		09/24/21 13:56	
EPA 6010D	Calcium	4.7	mg/L	1.0	10/05/21 15:59	
EPA 6020B	Barium	0.038	mg/L	0.0050	10/05/21 15:53	

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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563313021	**MW-24D**					
EPA 6020B	Boron	0.014J	mg/L	0.040	10/05/21 15:53	
EPA 6020B	Molybdenum	0.0032J	mg/L	0.010	10/05/21 15:53	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 15:02	B
SM 2540C-2011	Total Dissolved Solids	53.0	mg/L	10.0	09/29/21 18:46	
EPA 300.0 Rev 2.1 1993	Chloride	4.9	mg/L	1.0	09/27/21 01:48	
92563313022	**MW-25D**					
	Performed by	CUSTOMER			09/24/21 13:56	
	pH	6.21	Std. Units		09/24/21 13:56	
EPA 6010D	Calcium	3.4	mg/L	1.0	10/05/21 16:18	
EPA 6020B	Barium	0.024	mg/L	0.0050	10/05/21 15:59	
EPA 6020B	Boron	0.012J	mg/L	0.040	10/05/21 15:59	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 15:13	B
SM 2540C-2011	Total Dissolved Solids	56.0	mg/L	10.0	09/30/21 18:58	
EPA 300.0 Rev 2.1 1993	Chloride	5.5	mg/L	1.0	09/27/21 02:04	
EPA 300.0 Rev 2.1 1993	Fluoride	0.096J	mg/L	0.10	09/27/21 02:04	
EPA 300.0 Rev 2.1 1993	Sulfate	0.70J	mg/L	1.0	09/27/21 02:04	
92563313023	**GWC-1**					
	Performed by	CUSTOMER			09/24/21 13:57	
	pH	6.06	Std. Units		09/24/21 13:57	
EPA 6010D	Calcium	69.1	mg/L	1.0	10/05/21 16:23	
EPA 6020B	Antimony	0.0016J	mg/L	0.0030	10/05/21 16:22	
EPA 6020B	Arsenic	0.0048J	mg/L	0.0050	10/05/21 16:22	
EPA 6020B	Barium	0.062	mg/L	0.0050	10/05/21 16:22	
EPA 6020B	Boron	0.59	mg/L	0.040	10/05/21 16:22	
EPA 6020B	Chromium	0.0023J	mg/L	0.0050	10/05/21 16:22	
EPA 6020B	Molybdenum	0.060	mg/L	0.010	10/08/21 14:38	
EPA 6020B	Selenium	0.0018J	mg/L	0.0050	10/05/21 16:22	
EPA 6020B	Vanadium	0.0042J	mg/L	0.010	10/05/21 16:22	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 15:15	B
SM 2540C-2011	Total Dissolved Solids	360	mg/L	10.0	09/30/21 18:58	
EPA 300.0 Rev 2.1 1993	Chloride	8.8	mg/L	1.0	09/27/21 02:20	
EPA 300.0 Rev 2.1 1993	Sulfate	37.3	mg/L	1.0	09/27/21 02:20	
92563313024	**GWC-15**					
	Performed by	CUSTOMER			09/24/21 13:57	
	pH	6.48	Std. Units		09/24/21 13:57	
EPA 6010D	Calcium	146	mg/L	1.0	10/05/21 16:28	
EPA 6020B	Arsenic	0.21	mg/L	0.0050	10/05/21 16:28	
EPA 6020B	Barium	0.062	mg/L	0.0050	10/05/21 16:28	
EPA 6020B	Boron	0.72	mg/L	0.040	10/05/21 16:28	
EPA 6020B	Chromium	0.0013J	mg/L	0.0050	10/05/21 16:28	
EPA 6020B	Molybdenum	0.094	mg/L	0.010	10/08/21 14:44	
EPA 6020B	Selenium	0.0016J	mg/L	0.0050	10/05/21 16:28	
EPA 6020B	Vanadium	0.0022J	mg/L	0.010	10/05/21 16:28	

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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563313024	**GWC-15**					
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 15:18	B
SM 2540C-2011	Total Dissolved Solids	556	mg/L	20.0	09/30/21 18:58	
EPA 300.0 Rev 2.1 1993	Chloride	7.1	mg/L	1.0	09/27/21 03:07	
EPA 300.0 Rev 2.1 1993	Sulfate	124	mg/L	3.0	09/27/21 07:38	
92563313025	**EB-1**					
EPA 6010D	Calcium	0.13J	mg/L	1.0	10/05/21 16:33	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 15:21	B
92563313026	**DUP-1**					
EPA 6010D	Calcium	69.2	mg/L	1.0	10/05/21 16:37	
EPA 6020B	Arsenic	0.0031J	mg/L	0.0050	10/01/21 17:50	
EPA 6020B	Barium	0.099	mg/L	0.0050	10/01/21 17:50	
EPA 6020B	Boron	6.5	mg/L	0.040	10/01/21 17:50	
EPA 6020B	Chromium	0.0017J	mg/L	0.0050	10/01/21 17:50	
EPA 6020B	Lithium	0.015J	mg/L	0.030	10/01/21 17:50	
EPA 6020B	Molybdenum	0.12	mg/L	0.010	10/01/21 17:50	
EPA 6020B	Vanadium	0.0030J	mg/L	0.010	10/01/21 17:50	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 15:29	B
SM 2540C-2011	Total Dissolved Solids	527	mg/L	10.0	09/28/21 10:55	
EPA 300.0 Rev 2.1 1993	Chloride	12.8	mg/L	1.0	09/27/21 03:39	
EPA 300.0 Rev 2.1 1993	Sulfate	226	mg/L	5.0	09/27/21 07:53	
92563313027	**EB-2**					
EPA 6010D	Calcium	0.24J	mg/L	1.0	10/05/21 16:52	
EPA 6020B	Barium	0.00079J	mg/L	0.0050	10/01/21 17:56	
EPA 6020B	Boron	0.011J	mg/L	0.040	10/01/21 17:56	
EPA 6020B	Chromium	0.0013J	mg/L	0.0050	10/01/21 17:56	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 15:31	B
92563313028	**FB-2**					
EPA 6010D	Calcium	0.13J	mg/L	1.0	10/05/21 16:57	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 15:34	B
92563313029	**DUP-2**					
EPA 6010D	Calcium	5.7	mg/L	1.0	10/05/21 17:01	
EPA 6020B	Barium	0.047	mg/L	0.0050	10/01/21 18:20	
EPA 6020B	Boron	0.074	mg/L	0.040	10/01/21 18:20	
EPA 6020B	Molybdenum	0.0016J	mg/L	0.010	10/01/21 18:20	
EPA 6020B	Selenium	0.0027J	mg/L	0.0050	10/01/21 18:20	
EPA 6020B	Vanadium	0.0020J	mg/L	0.010	10/01/21 18:20	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 15:37	B
SM 2540C-2011	Total Dissolved Solids	47.0	mg/L	10.0	09/29/21 18:46	
EPA 300.0 Rev 2.1 1993	Chloride	6.0	mg/L	1.0	09/27/21 04:59	
EPA 300.0 Rev 2.1 1993	Sulfate	14.6	mg/L	1.0	09/27/21 04:59	
92563313030	**EB-3**					
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 15:39	B

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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563313031	**FB-3**					
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 15:42	B
92563313032	**DUP-3**					
EPA 6010D	Calcium	0.16J	mg/L	1.0	10/05/21 17:16	
EPA 6020B	Barium	0.053	mg/L	0.0050	10/01/21 18:37	
EPA 6020B	Beryllium	0.000056J	mg/L	0.00050	10/01/21 18:37	
EPA 6020B	Boron	0.016J	mg/L	0.040	10/01/21 18:37	
EPA 7470A	Mercury	0.00011J	mg/L	0.00020	10/06/21 15:44	B
SM 2540C-2011	Total Dissolved Solids	28.0	mg/L	10.0	09/29/21 18:46	
EPA 300.0 Rev 2.1 1993	Chloride	6.6	mg/L	1.0	09/27/21 06:19	
EPA 300.0 Rev 2.1 1993	Sulfate	9.6	mg/L	1.0	09/27/21 06:19	
92563313033	**GWA-7**					
EPA 6010D	Calcium, Dissolved	3.1	mg/L	1.0	10/05/21 14:57	
EPA 6020B	Barium, Dissolved	0.064	mg/L	0.025	10/11/21 14:33	
EPA 6020B	Boron, Dissolved	4.1	mg/L	0.20	10/11/21 14:33	
EPA 6020B	Chromium, Dissolved	0.0096J	mg/L	0.025	10/11/21 14:33	D3
EPA 6020B	Vanadium, Dissolved	0.097	mg/L	0.050	10/11/21 14:33	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWA-7 **Lab ID: 92563313001** Collected: 09/21/21 09:55 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:50		
pH	**6.03**	Std. Units			1		09/24/21 13:50		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**2.7**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 19:42	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.015	0.0039	1	10/04/21 11:20	10/04/21 15:47	7440-36-0	D3
Arsenic	ND	mg/L	0.025	0.0057	1	10/04/21 11:20	10/04/21 15:47	7440-38-2	D3
Barium	**0.073**	mg/L	0.025	0.0034	1	10/04/21 11:20	10/04/21 15:47	7440-39-3	
Beryllium	ND	mg/L	0.0025	0.00027	1	10/04/21 11:20	10/04/21 15:47	7440-41-7	D3
Boron	**4.4**	mg/L	0.20	0.043	1	10/04/21 11:20	10/04/21 15:47	7440-42-8	
Cadmium	ND	mg/L	0.0025	0.00057	1	10/04/21 11:20	10/04/21 15:47	7440-43-9	D3
Chromium	**0.013J**	mg/L	0.025	0.0055	1	10/04/21 11:20	10/04/21 15:47	7440-47-3	D3
Cobalt	ND	mg/L	0.025	0.0020	1	10/04/21 11:20	10/04/21 15:47	7440-48-4	D3
Lead	ND	mg/L	0.0050	0.0044	1	10/04/21 11:20	10/04/21 15:47	7439-92-1	D3
Lithium	ND	mg/L	0.15	0.0036	1	10/04/21 11:20	10/04/21 15:47	7439-93-2	D3
Molybdenum	ND	mg/L	0.050	0.0037	1	10/04/21 11:20	10/04/21 15:47	7439-98-7	D3
Selenium	ND	mg/L	0.025	0.0068	1	10/04/21 11:20	10/04/21 15:47	7782-49-2	D3
Thallium	ND	mg/L	0.0050	0.00090	1	10/04/21 11:20	10/04/21 15:47	7440-28-0	D3
Vanadium	**0.096**	mg/L	0.050	0.0093	1	10/04/21 11:20	10/04/21 15:47	7440-62-2	
Zinc	ND	mg/L	0.050	0.035	1	10/04/21 11:20	10/04/21 15:47	7440-66-6	D3
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 13:41	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**1210**	mg/L	50.0	50.0	1		09/27/21 10:20		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**92.2**	mg/L	1.0	0.60	1		09/27/21 08:34	16887-00-6	
Fluoride	**0.077J**	mg/L	0.10	0.050	1		09/27/21 08:34	16984-48-8	
Sulfate	**11.1**	mg/L	1.0	0.50	1		09/27/21 08:34	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWB-4R **Lab ID: 92563313002** Collected: 09/21/21 14:45 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:50		
pH	**5.78**	Std. Units			1		09/24/21 13:50		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**67.5**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 19:47	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 15:52	7440-36-0	
Arsenic	**0.0027J**	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 15:52	7440-38-2	
Barium	**0.098**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 15:52	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 15:52	7440-41-7	
Boron	**6.4**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 15:52	7440-42-8	M1
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 15:52	7440-43-9	
Chromium	**0.0018J**	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 15:52	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 15:52	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 15:52	7439-92-1	
Lithium	**0.016J**	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 15:52	7439-93-2	
Molybdenum	**0.12**	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 15:52	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 15:52	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 15:52	7440-28-0	
Vanadium	**0.0027J**	mg/L	0.010	0.0019	1	10/04/21 11:20	10/04/21 15:52	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 15:52	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 13:43	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**476**	mg/L	20.0	20.0	1		09/27/21 10:20		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**13.9**	mg/L	1.0	0.60	1		09/27/21 08:49	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 08:49	16984-48-8	
Sulfate	**232**	mg/L	5.0	2.5	5		09/27/21 16:02	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWB-5R **Lab ID: 92563313003** Collected: 09/21/21 12:35 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:50		
pH	**4.68**	Std. Units			1		09/24/21 13:50		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**140**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 19:52	7440-70-2	M1
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	**0.0013J**	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 16:15	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 16:15	7440-38-2	
Barium	**0.076**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 16:15	7440-39-3	
Beryllium	**0.000099J**	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 16:15	7440-41-7	
Boron	**4.1**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 16:15	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 16:15	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 16:15	7440-47-3	
Cobalt	**0.019**	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 16:15	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 16:15	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 16:15	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 16:15	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 16:15	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 16:15	7440-28-0	
Vanadium	**0.0039J**	mg/L	0.010	0.0019	1	10/04/21 11:20	10/04/21 16:15	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 16:15	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 13:46	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**1240**	mg/L	50.0	50.0	1		09/27/21 10:20		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**38.8**	mg/L	1.0	0.60	1		09/27/21 09:03	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 09:03	16984-48-8	
Sulfate	**829**	mg/L	18.0	9.0	18		09/27/21 16:17	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWB-6R **Lab ID: 92563313004** Collected: 09/21/21 11:15 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:51		
pH	**5.40**	Std. Units			1		09/24/21 13:51		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**110**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 20:11	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 16:21	7440-36-0	
Arsenic	**0.0054**	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 16:21	7440-38-2	
Barium	**0.077**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 16:21	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 16:21	7440-41-7	
Boron	**4.2**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 16:21	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 16:21	7440-43-9	
Chromium	**0.0035J**	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 16:21	7440-47-3	
Cobalt	**0.0049J**	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 16:21	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 16:21	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 16:21	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 16:21	7439-98-7	
Selenium	**0.0016J**	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 16:21	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 16:21	7440-28-0	
Vanadium	**0.015**	mg/L	0.010	0.0019	1	10/04/21 11:20	10/04/21 16:21	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 16:21	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:02	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**985**	mg/L	50.0	50.0	1		09/27/21 10:20		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**53.8**	mg/L	1.0	0.60	1		09/27/21 09:18	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 09:18	16984-48-8	
Sulfate	**645**	mg/L	14.0	7.0	14		09/27/21 17:02	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: MW-26D **Lab ID: 92563313005** Collected: 09/21/21 13:45 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:51		
pH	**5.88**	Std. Units			1		09/24/21 13:51		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**2.5**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 20:16	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 16:27	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 16:27	7440-38-2	
Barium	**0.027**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 16:27	7440-39-3	
Beryllium	**0.000073J**	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 16:27	7440-41-7	
Boron	**0.025J**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 16:27	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 16:27	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 16:27	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 16:27	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 16:27	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 16:27	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 16:27	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 16:27	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 16:27	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/04/21 11:20	10/04/21 16:27	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 16:27	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:04	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**37.0**	mg/L	10.0	10.0	1		09/27/21 10:21		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**6.7**	mg/L	1.0	0.60	1		09/27/21 09:33	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 09:33	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		09/27/21 09:33	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: MW-27D **Lab ID: 92563313006** Collected: 09/21/21 16:15 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:52		
pH	**5.97**	Std. Units			1		09/24/21 13:52		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**2.1**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 20:21	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 16:48	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 16:48	7440-38-2	
Barium	**0.022**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 16:48	7440-39-3	
Beryllium	**0.000066J**	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 16:48	7440-41-7	
Boron	**0.012J**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 16:48	7440-42-8	
Cadmium	**0.00042J**	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 16:48	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 16:48	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 16:48	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 16:48	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 16:48	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 16:48	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 16:48	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 16:48	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/04/21 11:20	10/04/21 16:48	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 16:48	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00011J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:07	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**37.0**	mg/L	10.0	10.0	1		09/27/21 10:21		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**6.1**	mg/L	1.0	0.60	1		09/27/21 09:48	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 09:48	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		09/27/21 09:48	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWA-8 **Lab ID: 92563313007** Collected: 09/21/21 09:45 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:52		
pH	**4.44**	Std. Units			1		09/24/21 13:52		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**18.5**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 20:35	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 16:54	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 16:54	7440-38-2	
Barium	**0.049**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 16:54	7440-39-3	
Beryllium	**0.00016J**	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 16:54	7440-41-7	
Boron	**0.13**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 16:54	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 16:54	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 16:54	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 16:54	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 16:54	7439-92-1	
Lithium	**0.00092J**	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 16:54	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 16:54	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 16:54	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 16:54	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/04/21 11:20	10/04/21 16:54	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 16:54	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00011J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:10	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**145**	mg/L	10.0	10.0	1		09/27/21 10:21		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**12.2**	mg/L	1.0	0.60	1		09/27/21 10:03	16887-00-6	
Fluoride	**0.068J**	mg/L	0.10	0.050	1		09/27/21 10:03	16984-48-8	
Sulfate	**96.5**	mg/L	1.0	0.50	1		09/27/21 10:03	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWC-11 **Lab ID: 92563313008** Collected: 09/21/21 12:40 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:52		
pH	**4.92**	Std. Units			1		09/24/21 13:52		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**87.0**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 20:40	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 17:00	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:00	7440-38-2	
Barium	**0.12**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 17:00	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 17:00	7440-41-7	
Boron	**0.80**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 17:00	7440-42-8	
Cadmium	**0.00036J**	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 17:00	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:00	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 17:00	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 17:00	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 17:00	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 17:00	7439-98-7	
Selenium	**0.0038J**	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 17:00	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 17:00	7440-28-0	
Vanadium	**0.0020J**	mg/L	0.010	0.0019	1	10/04/21 11:20	10/04/21 17:00	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 17:00	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:12	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**842**	mg/L	20.0	20.0	1		09/27/21 10:21		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**103**	mg/L	10.0	6.0	10		09/27/21 17:17	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 10:18	16984-48-8	M1
Sulfate	**433**	mg/L	10.0	5.0	10		09/27/21 17:17	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWC-12 **Lab ID: 92563313009** Collected: 09/21/21 10:57 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:53		
pH	**4.05**	Std. Units			1		09/24/21 13:53		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**63.4**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 20:44	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 17:05	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:05	7440-38-2	
Barium	**0.023**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 17:05	7440-39-3	
Beryllium	**0.00047J**	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 17:05	7440-41-7	
Boron	**5.8**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 17:05	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 17:05	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:05	7440-47-3	
Cobalt	**0.00065J**	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 17:05	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 17:05	7439-92-1	
Lithium	**0.00091J**	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 17:05	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 17:05	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 17:05	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 17:05	7440-28-0	
Vanadium	**0.0051J**	mg/L	0.010	0.0019	1	10/04/21 11:20	10/04/21 17:05	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 17:05	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:15	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**558**	mg/L	20.0	20.0	1		09/27/21 10:21		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**63.8**	mg/L	1.0	0.60	1		09/27/21 11:33	16887-00-6	
Fluoride	**0.31**	mg/L	0.10	0.050	1		09/27/21 11:33	16984-48-8	
Sulfate	**315**	mg/L	8.0	4.0	8		09/27/21 18:01	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWC-13 **Lab ID: 92563313010** Collected: 09/21/21 16:20 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:53		
pH	**4.83**	Std. Units			1		09/24/21 13:53		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**3.6**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 20:49	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 17:11	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:11	7440-38-2	
Barium	**0.037**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 17:11	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 17:11	7440-41-7	
Boron	**0.38**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 17:11	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 17:11	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:11	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 17:11	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 17:11	7439-92-1	
Lithium	**0.00087J**	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 17:11	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 17:11	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 17:11	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 17:11	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/04/21 11:20	10/04/21 17:11	7440-62-2	
Zinc	**0.036**	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 17:11	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:17	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**83.0**	mg/L	10.0	10.0	1		09/27/21 10:22		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**7.9**	mg/L	1.0	0.60	1		09/27/21 11:48	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 11:48	16984-48-8	
Sulfate	**36.6**	mg/L	1.0	0.50	1		09/27/21 11:48	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWC-22 **Lab ID: 92563313011** Collected: 09/21/21 14:00 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:53		
pH	**4.72**	Std. Units			1		09/24/21 13:53		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**15.3**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 20:54	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 17:17	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:17	7440-38-2	
Barium	**0.036**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 17:17	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 17:17	7440-41-7	
Boron	**0.19**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 17:17	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 17:17	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:17	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 17:17	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 17:17	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 17:17	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 17:17	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 17:17	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 17:17	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/04/21 11:20	10/04/21 17:17	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 17:17	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:25	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**87.0**	mg/L	10.0	10.0	1		09/27/21 10:22		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**9.4**	mg/L	1.0	0.60	1		09/27/21 12:03	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 12:03	16984-48-8	
Sulfate	**52.4**	mg/L	1.0	0.50	1		09/27/21 12:03	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: FB-1 **Lab ID: 92563313012** Collected: 09/21/21 09:45 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	ND	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 20:59	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 17:22	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:22	7440-38-2	
Barium	ND	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 17:22	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 17:22	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 17:22	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 17:22	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:22	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 17:22	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 17:22	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 17:22	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 17:22	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 17:22	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 17:22	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/04/21 11:20	10/04/21 17:22	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 17:22	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:28	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		09/27/21 10:22		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		09/27/21 12:18	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 12:18	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		09/27/21 12:18	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWC-2 **Lab ID: 92563313013** Collected: 09/22/21 14:38 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:54		
pH	**4.71**	Std. Units			1		09/24/21 13:54		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**0.19J**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 21:03	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 17:28	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:28	7440-38-2	
Barium	**0.047**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 17:28	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 17:28	7440-41-7	
Boron	**0.017J**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 17:28	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 17:28	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:28	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 17:28	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 17:28	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 17:28	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 17:28	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 17:28	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 17:28	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/04/21 11:20	10/04/21 17:28	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 17:28	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:31	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**33.0**	mg/L	10.0	10.0	1		09/29/21 18:45		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**7.4**	mg/L	1.0	0.60	1		09/27/21 12:33	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 12:33	16984-48-8	
Sulfate	**10.3**	mg/L	1.0	0.50	1		09/27/21 12:33	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWC-9 **Lab ID: 92563313014** Collected: 09/22/21 13:03 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:54		
pH	**4.70**	Std. Units			1		09/24/21 13:54		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**5.0**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 21:08	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 17:34	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:34	7440-38-2	
Barium	**0.15**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 17:34	7440-39-3	
Beryllium	**0.00017J**	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 17:34	7440-41-7	
Boron	**0.015J**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 17:34	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 17:34	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:34	7440-47-3	
Cobalt	**0.00082J**	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 17:34	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 17:34	7439-92-1	
Lithium	**0.0015J**	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 17:34	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 17:34	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 17:34	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 17:34	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/04/21 11:20	10/04/21 17:34	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 17:34	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00011J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:33	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**94.0**	mg/L	10.0	10.0	1		09/29/21 18:45		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**19.3**	mg/L	1.0	0.60	1		09/27/21 12:48	16887-00-6	
Fluoride	**0.13**	mg/L	0.10	0.050	1		09/27/21 12:48	16984-48-8	
Sulfate	**42.7**	mg/L	1.0	0.50	1		09/27/21 12:48	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWC-14 **Lab ID: 92563313015** Collected: 09/22/21 16:10 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:54		
pH	**5.76**	Std. Units			1		09/24/21 13:54		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**185**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 21:13	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 17:40	7440-36-0	
Arsenic	**0.0014J**	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:40	7440-38-2	
Barium	**0.11**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 17:40	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 17:40	7440-41-7	
Boron	**0.052**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 17:40	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 17:40	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:40	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 17:40	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 17:40	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 17:40	7439-93-2	
Molybdenum	**0.018**	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 17:40	7439-98-7	
Selenium	**0.0034J**	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 17:40	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 17:40	7440-28-0	
Vanadium	**0.0052J**	mg/L	0.010	0.0019	1	10/04/21 11:20	10/04/21 17:40	7440-62-2	
Zinc	**0.010**	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 17:40	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00011J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:36	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**864**	mg/L	20.0	20.0	1		09/29/21 18:45		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**28.0**	mg/L	1.0	0.60	1		09/27/21 13:03	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 13:03	16984-48-8	
Sulfate	**444**	mg/L	10.0	5.0	10		09/27/21 18:16	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWC-16 **Lab ID: 92563313016** Collected: 09/22/21 11:00 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:54		
pH	**5.57**	Std. Units			1		09/24/21 13:54		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**267**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 21:18	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 18:13	7440-36-0	
Arsenic	**0.081**	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 18:13	7440-38-2	
Barium	**0.26**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 18:13	7440-39-3	
Beryllium	**0.000060J**	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 18:13	7440-41-7	
Boron	**11.5**	mg/L	2.0	0.43	50	10/04/21 11:20	10/05/21 13:54	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 18:13	7440-43-9	
Chromium	**0.0018J**	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 18:13	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 18:13	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 18:13	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 18:13	7439-93-2	
Molybdenum	**0.22**	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 18:13	7439-98-7	
Selenium	**0.0031J**	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 18:13	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 18:13	7440-28-0	
Vanadium	**0.0025J**	mg/L	0.010	0.0019	1	10/04/21 11:20	10/05/21 14:18	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 18:13	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:39	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**1680**	mg/L	100	100	1		09/29/21 18:45		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**55.8**	mg/L	1.0	0.60	1		09/27/21 13:18	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 13:18	16984-48-8	
Sulfate	**1040**	mg/L	23.0	11.5	23		09/27/21 18:30	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWC-17 **Lab ID: 92563313017** Collected: 09/22/21 12:00 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:55		
pH	**4.63**	Std. Units			1		09/24/21 13:55		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**94.6**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 21:32	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	**0.0014J**	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 18:18	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 18:18	7440-38-2	
Barium	**0.058**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 18:18	7440-39-3	
Beryllium	**0.0017**	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 18:18	7440-41-7	
Boron	**1.4**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 18:18	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 18:18	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 18:18	7440-47-3	
Cobalt	**0.0028J**	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 18:18	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 18:18	7439-92-1	
Lithium	**0.0050J**	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 18:18	7439-93-2	
Molybdenum	**0.0053J**	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 18:18	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 18:18	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 18:18	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/04/21 11:20	10/05/21 14:23	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 18:18	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00011J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:41	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**1530**	mg/L	100	100	1		09/29/21 18:45		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**517**	mg/L	12.0	7.2	12		09/27/21 18:45	16887-00-6	
Fluoride	**0.79**	mg/L	0.10	0.050	1		09/27/21 14:03	16984-48-8	
Sulfate	**394**	mg/L	12.0	6.0	12		09/27/21 18:45	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWC-20 **Lab ID: 92563313018** Collected: 09/22/21 14:05 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:55		
pH	**6.00**	Std. Units			1		09/24/21 13:55		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**266**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 21:37	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 18:24	7440-36-0	
Arsenic	**0.23**	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 18:24	7440-38-2	
Barium	**0.42**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 18:24	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 18:24	7440-41-7	
Boron	**11.3**	mg/L	2.0	0.43	50	10/04/21 11:20	10/05/21 14:00	7440-42-8	
Cadmium	**0.00013J**	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 18:24	7440-43-9	
Chromium	**0.0013J**	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 18:24	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 18:24	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 18:24	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 18:24	7439-93-2	
Molybdenum	**0.50**	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 18:24	7439-98-7	
Selenium	**0.0024J**	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 18:24	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 18:24	7440-28-0	
Vanadium	**0.0033J**	mg/L	0.010	0.0019	1	10/04/21 11:20	10/05/21 14:29	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 18:24	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00011J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:44	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**1430**	mg/L	100	100	1		09/29/21 18:45		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**38.9**	mg/L	1.0	0.60	1		09/27/21 00:28	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 00:28	16984-48-8	M1
Sulfate	**905**	mg/L	20.0	10.0	20		09/27/21 06:51	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWC-21 **Lab ID: 92563313019** Collected: 09/22/21 09:40 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:55		
pH	**5.39**	Std. Units			1		09/24/21 13:55		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**5.8**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 21:42	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 18:30	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 18:30	7440-38-2	
Barium	**0.046**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 18:30	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 18:30	7440-41-7	
Boron	**0.095**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 18:30	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 18:30	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 18:30	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 18:30	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 18:30	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 18:30	7439-93-2	
Molybdenum	**0.0019J**	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 18:30	7439-98-7	
Selenium	**0.0027J**	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 18:30	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 18:30	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/04/21 11:20	10/05/21 14:35	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 18:30	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00011J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:46	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**51.0**	mg/L	10.0	10.0	1		09/29/21 18:45		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**6.0**	mg/L	1.0	0.60	1		09/27/21 01:16	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 01:16	16984-48-8	
Sulfate	**14.6**	mg/L	1.0	0.50	1		09/27/21 01:16	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: MW-23D **Lab ID: 92563313020** Collected: 09/22/21 16:00 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:56		
pH	**6.39**	Std. Units			1		09/24/21 13:56		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**14.9**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 21:47	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 18:36	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 18:36	7440-38-2	
Barium	**0.076**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 18:36	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 18:36	7440-41-7	
Boron	**0.033J**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 18:36	7440-42-8	
Cadmium	**0.00027J**	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 18:36	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 18:36	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 18:36	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 18:36	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 18:36	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 18:36	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 18:36	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 18:36	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/04/21 11:20	10/05/21 14:41	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 18:36	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00011J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:49	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**184**	mg/L	10.0	10.0	1		09/29/21 18:46		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**7.1**	mg/L	1.0	0.60	1		09/27/21 01:32	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 01:32	16984-48-8	
Sulfate	**84.6**	mg/L	1.0	0.50	1		09/27/21 01:32	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: MW-24D **Lab ID: 92563313021** Collected: 09/22/21 12:25 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:56		
pH	**6.76**	Std. Units			1		09/24/21 13:56		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**4.7**	mg/L	1.0	0.12	1	10/05/21 11:40	10/05/21 15:59	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/05/21 10:20	10/05/21 15:53	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/05/21 10:20	10/05/21 15:53	7440-38-2	
Barium	**0.038**	mg/L	0.0050	0.00067	1	10/05/21 10:20	10/05/21 15:53	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/05/21 10:20	10/05/21 15:53	7440-41-7	
Boron	**0.014J**	mg/L	0.040	0.0086	1	10/05/21 10:20	10/05/21 15:53	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/05/21 10:20	10/05/21 15:53	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/05/21 10:20	10/05/21 15:53	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/05/21 10:20	10/05/21 15:53	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/05/21 10:20	10/05/21 15:53	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/05/21 10:20	10/05/21 15:53	7439-93-2	
Molybdenum	**0.0032J**	mg/L	0.010	0.00074	1	10/05/21 10:20	10/05/21 15:53	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/05/21 10:20	10/05/21 15:53	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/05/21 10:20	10/05/21 15:53	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/05/21 10:20	10/05/21 15:53	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/05/21 10:20	10/05/21 15:53	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 15:02	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**53.0**	mg/L	10.0	10.0	1		09/29/21 18:46		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**4.9**	mg/L	1.0	0.60	1		09/27/21 01:48	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 01:48	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		09/27/21 01:48	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: MW-25D **Lab ID: 92563313022** Collected: 09/23/21 10:05 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:56		
pH	**6.21**	Std. Units			1		09/24/21 13:56		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**3.4**	mg/L	1.0	0.12	1	10/05/21 11:40	10/05/21 16:18	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/05/21 10:20	10/05/21 15:59	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/05/21 10:20	10/05/21 15:59	7440-38-2	
Barium	**0.024**	mg/L	0.0050	0.00067	1	10/05/21 10:20	10/05/21 15:59	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/05/21 10:20	10/05/21 15:59	7440-41-7	
Boron	**0.012J**	mg/L	0.040	0.0086	1	10/05/21 10:20	10/05/21 15:59	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/05/21 10:20	10/05/21 15:59	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/05/21 10:20	10/05/21 15:59	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/05/21 10:20	10/05/21 15:59	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/05/21 10:20	10/05/21 15:59	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/05/21 10:20	10/05/21 15:59	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/05/21 10:20	10/05/21 15:59	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/05/21 10:20	10/05/21 15:59	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/05/21 10:20	10/05/21 15:59	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/05/21 10:20	10/05/21 15:59	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/05/21 10:20	10/05/21 15:59	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 15:13	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**56.0**	mg/L	10.0	10.0	1		09/30/21 18:58		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**5.5**	mg/L	1.0	0.60	1		09/27/21 02:04	16887-00-6	
Fluoride	**0.096J**	mg/L	0.10	0.050	1		09/27/21 02:04	16984-48-8	
Sulfate	**0.70J**	mg/L	1.0	0.50	1		09/27/21 02:04	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWC-1 **Lab ID: 92563313023** Collected: 09/23/21 09:10 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:57		
pH	**6.06**	Std. Units			1		09/24/21 13:57		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**69.1**	mg/L	1.0	0.12	1	10/05/21 11:40	10/05/21 16:23	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	**0.0016J**	mg/L	0.0030	0.00078	1	10/05/21 10:20	10/05/21 16:22	7440-36-0	
Arsenic	**0.0048J**	mg/L	0.0050	0.0011	1	10/05/21 10:20	10/05/21 16:22	7440-38-2	
Barium	**0.062**	mg/L	0.0050	0.00067	1	10/05/21 10:20	10/05/21 16:22	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/05/21 10:20	10/05/21 16:22	7440-41-7	
Boron	**0.59**	mg/L	0.040	0.0086	1	10/05/21 10:20	10/05/21 16:22	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/05/21 10:20	10/05/21 16:22	7440-43-9	
Chromium	**0.0023J**	mg/L	0.0050	0.0011	1	10/05/21 10:20	10/05/21 16:22	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/05/21 10:20	10/05/21 16:22	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/05/21 10:20	10/05/21 16:22	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/05/21 10:20	10/05/21 16:22	7439-93-2	
Molybdenum	**0.060**	mg/L	0.010	0.00074	1	10/05/21 10:20	10/08/21 14:38	7439-98-7	
Selenium	**0.0018J**	mg/L	0.0050	0.0014	1	10/05/21 10:20	10/05/21 16:22	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/05/21 10:20	10/05/21 16:22	7440-28-0	
Vanadium	**0.0042J**	mg/L	0.010	0.0019	1	10/05/21 10:20	10/05/21 16:22	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/05/21 10:20	10/05/21 16:22	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 15:15	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**360**	mg/L	10.0	10.0	1		09/30/21 18:58		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**8.8**	mg/L	1.0	0.60	1		09/27/21 02:20	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 02:20	16984-48-8	
Sulfate	**37.3**	mg/L	1.0	0.50	1		09/27/21 02:20	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWC-15 **Lab ID: 92563313024** Collected: 09/23/21 08:55 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:57		
pH	**6.48**	Std. Units			1		09/24/21 13:57		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**146**	mg/L	1.0	0.12	1	10/05/21 11:40	10/05/21 16:28	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/05/21 10:20	10/05/21 16:28	7440-36-0	
Arsenic	**0.21**	mg/L	0.0050	0.0011	1	10/05/21 10:20	10/05/21 16:28	7440-38-2	
Barium	**0.062**	mg/L	0.0050	0.00067	1	10/05/21 10:20	10/05/21 16:28	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/05/21 10:20	10/05/21 16:28	7440-41-7	
Boron	**0.72**	mg/L	0.040	0.0086	1	10/05/21 10:20	10/05/21 16:28	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/05/21 10:20	10/05/21 16:28	7440-43-9	
Chromium	**0.0013J**	mg/L	0.0050	0.0011	1	10/05/21 10:20	10/05/21 16:28	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/05/21 10:20	10/05/21 16:28	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/05/21 10:20	10/05/21 16:28	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/05/21 10:20	10/05/21 16:28	7439-93-2	
Molybdenum	**0.094**	mg/L	0.010	0.00074	1	10/05/21 10:20	10/08/21 14:44	7439-98-7	
Selenium	**0.0016J**	mg/L	0.0050	0.0014	1	10/05/21 10:20	10/05/21 16:28	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/05/21 10:20	10/05/21 16:28	7440-28-0	
Vanadium	**0.0022J**	mg/L	0.010	0.0019	1	10/05/21 10:20	10/05/21 16:28	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/05/21 10:20	10/05/21 16:28	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 15:18	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**556**	mg/L	20.0	20.0	1		09/30/21 18:58		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**7.1**	mg/L	1.0	0.60	1		09/27/21 03:07	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 03:07	16984-48-8	
Sulfate	**124**	mg/L	3.0	1.5	3		09/27/21 07:38	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: EB-1 **Lab ID: 92563313025** Collected: 09/21/21 11:25 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**0.13J**	mg/L	1.0	0.12	1	10/05/21 11:40	10/05/21 16:33	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/01/21 10:25	10/01/21 17:44	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 17:44	7440-38-2	
Barium	ND	mg/L	0.0050	0.00067	1	10/01/21 10:25	10/01/21 17:44	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/01/21 10:25	10/01/21 17:44	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	10/01/21 10:25	10/01/21 17:44	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/01/21 10:25	10/01/21 17:44	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 17:44	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/01/21 10:25	10/01/21 17:44	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/01/21 10:25	10/01/21 17:44	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/01/21 10:25	10/01/21 17:44	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/01/21 10:25	10/01/21 17:44	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/01/21 10:25	10/01/21 17:44	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/01/21 10:25	10/01/21 17:44	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/01/21 10:25	10/01/21 17:44	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/01/21 10:25	10/01/21 17:44	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 15:21	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		09/27/21 10:22		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		09/27/21 03:23	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 03:23	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		09/27/21 03:23	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: DUP-1 **Lab ID: 92563313026** Collected: 09/21/21 00:00 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**69.2**	mg/L	1.0	0.12	1	10/05/21 11:40	10/05/21 16:37	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/01/21 10:25	10/01/21 17:50	7440-36-0	
Arsenic	**0.0031J**	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 17:50	7440-38-2	
Barium	**0.099**	mg/L	0.0050	0.00067	1	10/01/21 10:25	10/01/21 17:50	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/01/21 10:25	10/01/21 17:50	7440-41-7	
Boron	**6.5**	mg/L	0.040	0.0086	1	10/01/21 10:25	10/01/21 17:50	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/01/21 10:25	10/01/21 17:50	7440-43-9	
Chromium	**0.0017J**	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 17:50	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/01/21 10:25	10/01/21 17:50	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/01/21 10:25	10/01/21 17:50	7439-92-1	
Lithium	**0.015J**	mg/L	0.030	0.00073	1	10/01/21 10:25	10/01/21 17:50	7439-93-2	
Molybdenum	**0.12**	mg/L	0.010	0.00074	1	10/01/21 10:25	10/01/21 17:50	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/01/21 10:25	10/01/21 17:50	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/01/21 10:25	10/01/21 17:50	7440-28-0	
Vanadium	**0.0030J**	mg/L	0.010	0.0019	1	10/01/21 10:25	10/01/21 17:50	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/01/21 10:25	10/01/21 17:50	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 15:29	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**527**	mg/L	10.0	10.0	1		09/28/21 10:55		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**12.8**	mg/L	1.0	0.60	1		09/27/21 03:39	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 03:39	16984-48-8	
Sulfate	**226**	mg/L	5.0	2.5	5		09/27/21 07:53	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: EB-2 **Lab ID: 92563313027** Collected: 09/22/21 08:45 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**0.24J**	mg/L	1.0	0.12	1	10/05/21 11:40	10/05/21 16:52	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/01/21 10:25	10/01/21 17:56	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 17:56	7440-38-2	
Barium	**0.00079J**	mg/L	0.0050	0.00067	1	10/01/21 10:25	10/01/21 17:56	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/01/21 10:25	10/01/21 17:56	7440-41-7	
Boron	**0.011J**	mg/L	0.040	0.0086	1	10/01/21 10:25	10/01/21 17:56	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/01/21 10:25	10/01/21 17:56	7440-43-9	
Chromium	**0.0013J**	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 17:56	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/01/21 10:25	10/01/21 17:56	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/01/21 10:25	10/01/21 17:56	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/01/21 10:25	10/01/21 17:56	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/01/21 10:25	10/01/21 17:56	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/01/21 10:25	10/01/21 17:56	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/01/21 10:25	10/01/21 17:56	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/01/21 10:25	10/01/21 17:56	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/01/21 10:25	10/01/21 17:56	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 15:31	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		09/29/21 18:46		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		09/27/21 03:55	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 03:55	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		09/27/21 03:55	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: FB-2 **Lab ID: 92563313028** Collected: 09/22/21 12:40 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**0.13J**	mg/L	1.0	0.12	1	10/05/21 11:40	10/05/21 16:57	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/01/21 10:25	10/01/21 18:14	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 18:14	7440-38-2	
Barium	ND	mg/L	0.0050	0.00067	1	10/01/21 10:25	10/01/21 18:14	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/01/21 10:25	10/01/21 18:14	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	10/01/21 10:25	10/01/21 18:14	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/01/21 10:25	10/01/21 18:14	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 18:14	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/01/21 10:25	10/01/21 18:14	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/01/21 10:25	10/01/21 18:14	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/01/21 10:25	10/01/21 18:14	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/01/21 10:25	10/01/21 18:14	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/01/21 10:25	10/01/21 18:14	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/01/21 10:25	10/01/21 18:14	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/01/21 10:25	10/01/21 18:14	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/01/21 10:25	10/01/21 18:14	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 15:34	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		09/29/21 18:46		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		09/27/21 04:11	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 04:11	16984-48-8	M1
Sulfate	ND	mg/L	1.0	0.50	1		09/27/21 04:11	14808-79-8	M1

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: DUP-2 **Lab ID: 92563313029** Collected: 09/22/21 00:00 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**5.7**	mg/L	1.0	0.12	1	10/05/21 11:40	10/05/21 17:01	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/01/21 10:25	10/01/21 18:20	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 18:20	7440-38-2	
Barium	**0.047**	mg/L	0.0050	0.00067	1	10/01/21 10:25	10/01/21 18:20	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/01/21 10:25	10/01/21 18:20	7440-41-7	
Boron	**0.074**	mg/L	0.040	0.0086	1	10/01/21 10:25	10/01/21 18:20	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/01/21 10:25	10/01/21 18:20	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 18:20	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/01/21 10:25	10/01/21 18:20	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/01/21 10:25	10/01/21 18:20	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/01/21 10:25	10/01/21 18:20	7439-93-2	
Molybdenum	**0.0016J**	mg/L	0.010	0.00074	1	10/01/21 10:25	10/01/21 18:20	7439-98-7	
Selenium	**0.0027J**	mg/L	0.0050	0.0014	1	10/01/21 10:25	10/01/21 18:20	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/01/21 10:25	10/01/21 18:20	7440-28-0	
Vanadium	**0.0020J**	mg/L	0.010	0.0019	1	10/01/21 10:25	10/01/21 18:20	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/01/21 10:25	10/01/21 18:20	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 15:37	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**47.0**	mg/L	10.0	10.0	1		09/29/21 18:46		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**6.0**	mg/L	1.0	0.60	1		09/27/21 04:59	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 04:59	16984-48-8	
Sulfate	**14.6**	mg/L	1.0	0.50	1		09/27/21 04:59	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: EB-3 **Lab ID: 92563313030** Collected: 09/23/21 09:00 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	ND	mg/L	1.0	0.12	1	10/05/21 11:40	10/05/21 17:06	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/01/21 10:25	10/01/21 18:26	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 18:26	7440-38-2	
Barium	ND	mg/L	0.0050	0.00067	1	10/01/21 10:25	10/01/21 18:26	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/01/21 10:25	10/01/21 18:26	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	10/01/21 10:25	10/01/21 18:26	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/01/21 10:25	10/01/21 18:26	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 18:26	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/01/21 10:25	10/01/21 18:26	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/01/21 10:25	10/01/21 18:26	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/01/21 10:25	10/01/21 18:26	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/01/21 10:25	10/01/21 18:26	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/01/21 10:25	10/01/21 18:26	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/01/21 10:25	10/01/21 18:26	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/01/21 10:25	10/01/21 18:26	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/01/21 10:25	10/01/21 18:26	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 15:39	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		09/30/21 18:58		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		09/27/21 05:15	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 05:15	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		09/27/21 05:15	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: FB-3 **Lab ID: 92563313031** Collected: 09/22/21 13:15 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	ND	mg/L	1.0	0.12	1	10/05/21 11:40	10/05/21 17:11	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/01/21 10:25	10/01/21 18:31	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 18:31	7440-38-2	
Barium	ND	mg/L	0.0050	0.00067	1	10/01/21 10:25	10/01/21 18:31	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/01/21 10:25	10/01/21 18:31	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	10/01/21 10:25	10/01/21 18:31	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/01/21 10:25	10/01/21 18:31	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 18:31	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/01/21 10:25	10/01/21 18:31	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/01/21 10:25	10/01/21 18:31	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/01/21 10:25	10/01/21 18:31	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/01/21 10:25	10/01/21 18:31	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/01/21 10:25	10/01/21 18:31	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/01/21 10:25	10/01/21 18:31	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/01/21 10:25	10/01/21 18:31	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/01/21 10:25	10/01/21 18:31	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 15:42	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		09/29/21 18:46		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		09/27/21 05:31	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 05:31	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		09/27/21 05:31	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: DUP-3 **Lab ID: 92563313032** Collected: 09/22/21 00:00 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**0.16J**	mg/L	1.0	0.12	1	10/05/21 11:40	10/05/21 17:16	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/01/21 10:25	10/01/21 18:37	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 18:37	7440-38-2	
Barium	**0.053**	mg/L	0.0050	0.00067	1	10/01/21 10:25	10/01/21 18:37	7440-39-3	
Beryllium	**0.000056J**	mg/L	0.00050	0.000054	1	10/01/21 10:25	10/01/21 18:37	7440-41-7	
Boron	**0.016J**	mg/L	0.040	0.0086	1	10/01/21 10:25	10/01/21 18:37	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/01/21 10:25	10/01/21 18:37	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 18:37	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/01/21 10:25	10/01/21 18:37	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/01/21 10:25	10/01/21 18:37	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/01/21 10:25	10/01/21 18:37	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/01/21 10:25	10/01/21 18:37	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/01/21 10:25	10/01/21 18:37	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/01/21 10:25	10/01/21 18:37	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/01/21 10:25	10/01/21 18:37	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/01/21 10:25	10/01/21 18:37	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00011J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 15:44	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**28.0**	mg/L	10.0	10.0	1		09/29/21 18:46		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**6.6**	mg/L	1.0	0.60	1		09/27/21 06:19	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 06:19	16984-48-8	
Sulfate	**9.6**	mg/L	1.0	0.50	1		09/27/21 06:19	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWA-7 **Lab ID: 92563313033** Collected: 09/21/21 09:55 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium, Dissolved	**3.1**	mg/L	1.0	0.12	1	10/05/21 11:30	10/05/21 14:57	7440-70-2	
6020 MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony, Dissolved	ND	mg/L	0.015	0.0039	5	10/08/21 09:48	10/11/21 14:33	7440-36-0	D3
Arsenic, Dissolved	ND	mg/L	0.025	0.0057	5	10/08/21 09:48	10/11/21 14:33	7440-38-2	D3
Barium, Dissolved	**0.064**	mg/L	0.025	0.0034	5	10/08/21 09:48	10/11/21 14:33	7440-39-3	
Beryllium, Dissolved	ND	mg/L	0.0025	0.00027	5	10/08/21 09:48	10/11/21 14:33	7440-41-7	D3
Boron, Dissolved	**4.1**	mg/L	0.20	0.043	5	10/08/21 09:48	10/11/21 14:33	7440-42-8	
Cadmium, Dissolved	ND	mg/L	0.0025	0.00057	5	10/08/21 09:48	10/11/21 14:33	7440-43-9	D3
Chromium, Dissolved	**0.0096J**	mg/L	0.025	0.0055	5	10/08/21 09:48	10/11/21 14:33	7440-47-3	D3
Cobalt, Dissolved	ND	mg/L	0.025	0.0020	5	10/08/21 09:48	10/11/21 14:33	7440-48-4	D3
Lead, Dissolved	ND	mg/L	0.0050	0.0044	5	10/08/21 09:48	10/11/21 14:33	7439-92-1	D3
Lithium, Dissolved	ND	mg/L	0.15	0.0036	5	10/08/21 09:48	10/11/21 14:33	7439-93-2	D3
Molybdenum, Dissolved	ND	mg/L	0.050	0.0037	5	10/08/21 09:48	10/11/21 14:33	7439-98-7	D3
Selenium, Dissolved	ND	mg/L	0.025	0.0068	5	10/08/21 09:48	10/11/21 14:33	7782-49-2	D3
Thallium, Dissolved	ND	mg/L	0.0050	0.00090	5	10/08/21 09:48	10/11/21 14:33	7440-28-0	D3
Vanadium, Dissolved	**0.097**	mg/L	0.050	0.0093	5	10/08/21 09:48	10/11/21 14:33	7440-62-2	
Zinc, Dissolved	ND	mg/L	0.050	0.035	5	10/08/21 09:48	10/11/21 14:33	7440-66-6	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury, Dissolved	ND	mg/L	0.00020	0.000078	1	10/07/21 09:30	10/07/21 14:08	7439-97-6	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 650645
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010D ATL
Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92563313001, 92563313002, 92563313003, 92563313004, 92563313005, 92563313006, 92563313007, 92563313008, 92563313009, 92563313010, 92563313011, 92563313012, 92563313013, 92563313014, 92563313015, 92563313016, 92563313017, 92563313018, 92563313019, 92563313020

METHOD BLANK: 3412418
Matrix: Water

Associated Lab Samples: 92563313001, 92563313002, 92563313003, 92563313004, 92563313005, 92563313006, 92563313007, 92563313008, 92563313009, 92563313010, 92563313011, 92563313012, 92563313013, 92563313014, 92563313015, 92563313016, 92563313017, 92563313018, 92563313019, 92563313020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Calcium	mg/L	ND	1.0	0.12	10/04/21 19:23	

LABORATORY CONTROL SAMPLE: 3412419

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium	mg/L	1	1.1	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3412420 3412421

Parameter	Units	92563313003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Calcium	mg/L	140	1	1	148	146	856	604	75-125	2	20	M1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 650835
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010D ATL
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92563313021, 92563313022, 92563313023, 92563313024, 92563313025, 92563313026, 92563313027, 92563313028, 92563313029, 92563313030, 92563313031, 92563313032

METHOD BLANK: 3412995
Matrix: Water
Associated Lab Samples: 92563313021, 92563313022, 92563313023, 92563313024, 92563313025, 92563313026, 92563313027, 92563313028, 92563313029, 92563313030, 92563313031, 92563313032

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Calcium	mg/L	ND	1.0	0.12	10/05/21 15:22	

LABORATORY CONTROL SAMPLE: 3412996

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium	mg/L	1	1.1	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3412997 3412998

Parameter	Units	92563313021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Calcium	mg/L	4.7	1	1	5.7	5.6	104	98	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 650878
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET Filtered Diss.
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92563313033

METHOD BLANK: 3413292
Matrix: Water
Associated Lab Samples: 92563313033

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Calcium, Dissolved	mg/L	ND	1.0	0.12	10/05/21 14:48	

LABORATORY CONTROL SAMPLE: 3413293

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium, Dissolved	mg/L	1	1.1	110	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3413294 3413295

Parameter	Units	92563313033 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Calcium, Dissolved	mg/L	3.1	1	1	4.1	4.1	92	97	75-125	1	20	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 650361
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92563313025, 92563313026, 92563313027, 92563313028, 92563313029, 92563313030, 92563313031, 92563313032

METHOD BLANK: 3411035
Matrix: Water
Associated Lab Samples: 92563313025, 92563313026, 92563313027, 92563313028, 92563313029, 92563313030, 92563313031, 92563313032

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00078	10/01/21 17:04	
Arsenic	mg/L	ND	0.0050	0.0011	10/01/21 17:04	
Barium	mg/L	ND	0.0050	0.00067	10/01/21 17:04	
Beryllium	mg/L	ND	0.00050	0.000054	10/01/21 17:04	
Boron	mg/L	ND	0.040	0.0086	10/01/21 17:04	
Cadmium	mg/L	ND	0.00050	0.00011	10/01/21 17:04	
Chromium	mg/L	ND	0.0050	0.0011	10/01/21 17:04	
Cobalt	mg/L	ND	0.0050	0.00039	10/01/21 17:04	
Lead	mg/L	ND	0.0010	0.00089	10/01/21 17:04	
Lithium	mg/L	ND	0.030	0.00073	10/01/21 17:04	
Molybdenum	mg/L	ND	0.010	0.00074	10/01/21 17:04	
Selenium	mg/L	ND	0.0050	0.0014	10/01/21 17:04	
Thallium	mg/L	ND	0.0010	0.00018	10/01/21 17:04	
Vanadium	mg/L	ND	0.010	0.0019	10/01/21 17:04	
Zinc	mg/L	ND	0.010	0.0070	10/01/21 17:04	

LABORATORY CONTROL SAMPLE: 3411036

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.097	97	80-120	
Arsenic	mg/L	0.1	0.098	98	80-120	
Barium	mg/L	0.1	0.092	92	80-120	
Beryllium	mg/L	0.1	0.10	100	80-120	
Boron	mg/L	1	1.0	102	80-120	
Cadmium	mg/L	0.1	0.10	100	80-120	
Chromium	mg/L	0.1	0.098	98	80-120	
Cobalt	mg/L	0.1	0.095	95	80-120	
Lead	mg/L	0.1	0.094	94	80-120	
Lithium	mg/L	0.1	0.10	102	80-120	
Molybdenum	mg/L	0.1	0.097	97	80-120	
Selenium	mg/L	0.1	0.099	99	80-120	
Thallium	mg/L	0.1	0.092	92	80-120	
Vanadium	mg/L	0.1	0.098	98	80-120	
Zinc	mg/L	0.1	0.099	99	80-120	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3411037 3411038

Parameter	Units	92562974009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	mg/L	ND	0.1	0.1	0.11	0.11	112	113	75-125	1	20	
Arsenic	mg/L	0.0020J	0.1	0.1	0.10	0.10	102	103	75-125	1	20	
Barium	mg/L	0.014	0.1	0.1	0.12	0.12	105	106	75-125	0	20	
Beryllium	mg/L	0.0071	0.1	0.1	0.099	0.098	92	91	75-125	1	20	
Boron	mg/L	1.4	1	1	2.3	2.4	84	95	75-125	5	20	
Cadmium	mg/L	0.00048J	0.1	0.1	0.10	0.10	103	101	75-125	2	20	
Chromium	mg/L	0.0040J	0.1	0.1	0.11	0.11	101	101	75-125	0	20	
Cobalt	mg/L	0.17	0.1	0.1	0.28	0.27	106	100	75-125	2	20	
Lead	mg/L	ND	0.1	0.1	0.090	0.090	90	90	75-125	0	20	
Lithium	mg/L	0.019J	0.1	0.1	0.11	0.11	95	90	75-125	4	20	
Molybdenum	mg/L	ND	0.1	0.1	0.11	0.11	109	112	75-125	3	20	
Selenium	mg/L	0.031	0.1	0.1	0.13	0.13	103	101	75-125	2	20	
Thallium	mg/L	0.00022J	0.1	0.1	0.089	0.090	89	90	75-125	1	20	
Vanadium	mg/L	ND	0.1	0.1	0.10	0.11	103	105	75-125	1	20	
Zinc	mg/L	0.19	0.1	0.1	0.30	0.29	106	101	75-125	2	20	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 650620
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92563313001, 92563313002, 92563313003, 92563313004, 92563313005, 92563313006, 92563313007, 92563313008, 92563313009, 92563313010, 92563313011, 92563313012, 92563313013, 92563313014, 92563313015, 92563313016, 92563313017, 92563313018, 92563313019, 92563313020

METHOD BLANK: 3412289
Matrix: Water

Associated Lab Samples: 92563313001, 92563313002, 92563313003, 92563313004, 92563313005, 92563313006, 92563313007, 92563313008, 92563313009, 92563313010, 92563313011, 92563313012, 92563313013, 92563313014, 92563313015, 92563313016, 92563313017, 92563313018, 92563313019, 92563313020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00078	10/04/21 15:35	
Arsenic	mg/L	ND	0.0050	0.0011	10/04/21 15:35	
Barium	mg/L	ND	0.0050	0.00067	10/04/21 15:35	
Beryllium	mg/L	ND	0.00050	0.000054	10/04/21 15:35	
Boron	mg/L	ND	0.040	0.0086	10/04/21 15:35	
Cadmium	mg/L	ND	0.00050	0.00011	10/04/21 15:35	
Chromium	mg/L	ND	0.0050	0.0011	10/04/21 15:35	
Cobalt	mg/L	ND	0.0050	0.00039	10/04/21 15:35	
Lead	mg/L	ND	0.0010	0.00089	10/04/21 15:35	
Lithium	mg/L	ND	0.030	0.00073	10/04/21 15:35	
Molybdenum	mg/L	ND	0.010	0.00074	10/04/21 15:35	
Selenium	mg/L	ND	0.0050	0.0014	10/04/21 15:35	
Thallium	mg/L	ND	0.0010	0.00018	10/04/21 15:35	
Vanadium	mg/L	ND	0.010	0.0019	10/04/21 15:35	
Zinc	mg/L	ND	0.010	0.0070	10/04/21 15:35	

LABORATORY CONTROL SAMPLE: 3412290

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.099	99	80-120	
Arsenic	mg/L	0.1	0.093	93	80-120	
Barium	mg/L	0.1	0.097	97	80-120	
Beryllium	mg/L	0.1	0.10	101	80-120	
Boron	mg/L	1	1.0	100	80-120	
Cadmium	mg/L	0.1	0.096	96	80-120	
Chromium	mg/L	0.1	0.095	95	80-120	
Cobalt	mg/L	0.1	0.096	96	80-120	
Lead	mg/L	0.1	0.099	99	80-120	
Lithium	mg/L	0.1	0.10	101	80-120	
Molybdenum	mg/L	0.1	0.096	96	80-120	
Selenium	mg/L	0.1	0.094	94	80-120	
Thallium	mg/L	0.1	0.10	102	80-120	
Vanadium	mg/L	0.1	0.098	98	80-120	
Zinc	mg/L	0.1	0.098	98	80-120	

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Peachtree Corners, GA 30092
(770)734-4200

QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3412303 3412304

Parameter	Units	92563313002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	mg/L	ND	0.1	0.1	0.097	0.099	97	99	75-125	1	20	
Arsenic	mg/L	0.0027J	0.1	0.1	0.099	0.097	96	94	75-125	2	20	
Barium	mg/L	0.098	0.1	0.1	0.21	0.21	116	116	75-125	0	20	
Beryllium	mg/L	ND	0.1	0.1	0.087	0.088	87	88	75-125	1	20	
Boron	mg/L	6.4	1	1	6.9	6.9	51	55	75-125	1	20	M1
Cadmium	mg/L	ND	0.1	0.1	0.093	0.094	93	94	75-125	1	20	
Chromium	mg/L	0.0018J	0.1	0.1	0.096	0.096	94	94	75-125	0	20	
Cobalt	mg/L	ND	0.1	0.1	0.093	0.094	93	94	75-125	1	20	
Lead	mg/L	ND	0.1	0.1	0.094	0.094	94	94	75-125	0	20	
Lithium	mg/L	0.016J	0.1	0.1	0.10	0.10	87	86	75-125	1	20	
Molybdenum	mg/L	0.12	0.1	0.1	0.22	0.22	94	99	75-125	2	20	
Selenium	mg/L	ND	0.1	0.1	0.098	0.096	97	95	75-125	2	20	
Thallium	mg/L	ND	0.1	0.1	0.097	0.097	97	97	75-125	1	20	
Vanadium	mg/L	0.0027J	0.1	0.1	0.099	0.099	96	96	75-125	0	20	
Zinc	mg/L	ND	0.1	0.1	0.099	0.096	98	95	75-125	3	20	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 650836
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92563313021, 92563313022, 92563313023, 92563313024

METHOD BLANK: 3412999
Matrix: Water
Associated Lab Samples: 92563313021, 92563313022, 92563313023, 92563313024

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00078	10/05/21 15:42	
Arsenic	mg/L	ND	0.0050	0.0011	10/05/21 15:42	
Barium	mg/L	ND	0.0050	0.00067	10/05/21 15:42	
Beryllium	mg/L	ND	0.00050	0.000054	10/05/21 15:42	
Boron	mg/L	ND	0.040	0.0086	10/05/21 15:42	
Cadmium	mg/L	ND	0.00050	0.00011	10/05/21 15:42	
Chromium	mg/L	ND	0.0050	0.0011	10/05/21 15:42	
Cobalt	mg/L	ND	0.0050	0.00039	10/05/21 15:42	
Lead	mg/L	ND	0.0010	0.00089	10/05/21 15:42	
Lithium	mg/L	ND	0.030	0.00073	10/05/21 15:42	
Molybdenum	mg/L	ND	0.010	0.00074	10/05/21 15:42	
Selenium	mg/L	ND	0.0050	0.0014	10/05/21 15:42	
Thallium	mg/L	ND	0.0010	0.00018	10/05/21 15:42	
Vanadium	mg/L	ND	0.010	0.0019	10/05/21 15:42	
Zinc	mg/L	ND	0.010	0.0070	10/05/21 15:42	

LABORATORY CONTROL SAMPLE: 3413000

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.099	99	80-120	
Arsenic	mg/L	0.1	0.098	98	80-120	
Barium	mg/L	0.1	0.093	93	80-120	
Beryllium	mg/L	0.1	0.091	91	80-120	
Boron	mg/L	1	0.90	90	80-120	
Cadmium	mg/L	0.1	0.10	100	80-120	
Chromium	mg/L	0.1	0.096	96	80-120	
Cobalt	mg/L	0.1	0.095	95	80-120	
Lead	mg/L	0.1	0.097	97	80-120	
Lithium	mg/L	0.1	0.090	90	80-120	
Molybdenum	mg/L	0.1	0.10	102	80-120	
Selenium	mg/L	0.1	0.093	93	80-120	
Thallium	mg/L	0.1	0.096	96	80-120	
Vanadium	mg/L	0.1	0.098	98	80-120	
Zinc	mg/L	0.1	0.10	102	80-120	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3413001 3413002

Parameter	Units	92563313022 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	mg/L	ND	0.1	0.1	0.10	0.098	100	98	75-125	2	20	
Arsenic	mg/L	ND	0.1	0.1	0.097	0.097	97	97	75-125	0	20	
Barium	mg/L	0.024	0.1	0.1	0.12	0.12	95	93	75-125	2	20	
Beryllium	mg/L	ND	0.1	0.1	0.088	0.087	88	87	75-125	2	20	
Boron	mg/L	0.012J	1	1	0.89	0.89	87	88	75-125	0	20	
Cadmium	mg/L	ND	0.1	0.1	0.10	0.099	103	99	75-125	4	20	
Chromium	mg/L	ND	0.1	0.1	0.097	0.096	97	96	75-125	1	20	
Cobalt	mg/L	ND	0.1	0.1	0.099	0.096	99	96	75-125	3	20	
Lead	mg/L	ND	0.1	0.1	0.098	0.095	98	95	75-125	4	20	
Lithium	mg/L	ND	0.1	0.1	0.090	0.089	90	88	75-125	2	20	
Molybdenum	mg/L	ND	0.1	0.1	0.10	0.10	103	99	75-125	4	20	
Selenium	mg/L	ND	0.1	0.1	0.095	0.094	95	94	75-125	1	20	
Thallium	mg/L	ND	0.1	0.1	0.097	0.093	97	93	75-125	4	20	
Vanadium	mg/L	ND	0.1	0.1	0.097	0.098	97	98	75-125	1	20	
Zinc	mg/L	ND	0.1	0.1	0.10	0.10	102	102	75-125	0	20	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 651668
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: 6020 MET Dissolved
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92563313033

METHOD BLANK: 3417465
Matrix: Water
Associated Lab Samples: 92563313033

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony, Dissolved	mg/L	ND	0.0030	0.00078	10/08/21 14:49	
Arsenic, Dissolved	mg/L	ND	0.0050	0.0011	10/08/21 14:49	
Barium, Dissolved	mg/L	ND	0.0050	0.00067	10/08/21 14:49	
Beryllium, Dissolved	mg/L	ND	0.00050	0.000054	10/08/21 14:49	
Boron, Dissolved	mg/L	ND	0.040	0.0086	10/08/21 14:49	
Cadmium, Dissolved	mg/L	ND	0.00050	0.00011	10/08/21 14:49	
Chromium, Dissolved	mg/L	ND	0.0050	0.0011	10/08/21 14:49	
Cobalt, Dissolved	mg/L	ND	0.0050	0.00039	10/08/21 14:49	
Lead, Dissolved	mg/L	ND	0.0010	0.00089	10/08/21 14:49	
Lithium, Dissolved	mg/L	ND	0.030	0.00073	10/08/21 14:49	
Molybdenum, Dissolved	mg/L	ND	0.010	0.00074	10/08/21 14:49	
Selenium, Dissolved	mg/L	ND	0.0050	0.0014	10/08/21 14:49	
Thallium, Dissolved	mg/L	ND	0.0010	0.00018	10/08/21 14:49	
Vanadium, Dissolved	mg/L	ND	0.010	0.0019	10/08/21 14:49	
Zinc, Dissolved	mg/L	ND	0.010	0.0070	10/08/21 14:49	

LABORATORY CONTROL SAMPLE: 3417466

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony, Dissolved	mg/L	0.1	0.11	109	80-120	
Arsenic, Dissolved	mg/L	0.1	0.099	99	80-120	
Barium, Dissolved	mg/L	0.1	0.10	103	80-120	
Beryllium, Dissolved	mg/L	0.1	0.10	100	80-120	
Boron, Dissolved	mg/L	1	1.0	100	80-120	
Cadmium, Dissolved	mg/L	0.1	0.10	103	80-120	
Chromium, Dissolved	mg/L	0.1	0.097	97	80-120	
Cobalt, Dissolved	mg/L	0.1	0.096	96	80-120	
Lead, Dissolved	mg/L	0.1	0.099	99	80-120	
Lithium, Dissolved	mg/L	0.1	0.10	101	80-120	
Molybdenum, Dissolved	mg/L	0.1	0.10	101	80-120	
Selenium, Dissolved	mg/L	0.1	0.10	101	80-120	
Thallium, Dissolved	mg/L	0.1	0.098	98	80-120	
Vanadium, Dissolved	mg/L	0.1	0.097	97	80-120	
Zinc, Dissolved	mg/L	0.1	0.11	107	80-120	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3417467 3417468

Parameter	Units	92563578001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony, Dissolved	mg/L	ND	0.1	0.1	0.11	0.11	106	107	75-125	0	20	
Arsenic, Dissolved	mg/L	ND	0.1	0.1	0.10	0.10	98	98	75-125	0	20	
Barium, Dissolved	mg/L	ND	0.1	0.1	0.10	0.11	98	99	75-125	1	20	
Beryllium, Dissolved	mg/L	ND	0.1	0.1	0.091	0.091	91	91	75-125	0	20	
Boron, Dissolved	mg/L	ND	1	1	0.96	0.93	94	91	75-125	3	20	
Cadmium, Dissolved	mg/L	ND	0.1	0.1	0.10	0.099	102	99	75-125	3	20	
Chromium, Dissolved	mg/L	ND	0.1	0.1	0.091	0.092	91	92	75-125	1	20	
Cobalt, Dissolved	mg/L	ND	0.1	0.1	0.090	0.090	90	90	75-125	0	20	
Lead, Dissolved	mg/L	ND	0.1	0.1	0.095	0.090	94	90	75-125	5	20	
Lithium, Dissolved	mg/L	ND	0.1	0.1	0.094	0.092	94	92	75-125	3	20	
Molybdenum, Dissolved	mg/L	ND	0.1	0.1	0.099	0.096	98	96	75-125	3	20	
Selenium, Dissolved	mg/L	ND	0.1	0.1	0.097	0.097	96	96	75-125	0	20	
Thallium, Dissolved	mg/L	ND	0.1	0.1	0.094	0.089	94	89	75-125	5	20	
Vanadium, Dissolved	mg/L	ND	0.1	0.1	0.094	0.092	94	92	75-125	2	20	
Zinc, Dissolved	mg/L	ND	0.1	0.1	0.10	0.11	98	100	75-125	2	20	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 650960
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92563313001, 92563313002, 92563313003, 92563313004, 92563313005, 92563313006, 92563313007, 92563313008, 92563313009, 92563313010, 92563313011, 92563313012, 92563313013, 92563313014, 92563313015, 92563313016, 92563313017, 92563313018, 92563313019, 92563313020

METHOD BLANK: 3413803
Matrix: Water

Associated Lab Samples: 92563313001, 92563313002, 92563313003, 92563313004, 92563313005, 92563313006, 92563313007, 92563313008, 92563313009, 92563313010, 92563313011, 92563313012, 92563313013, 92563313014, 92563313015, 92563313016, 92563313017, 92563313018, 92563313019, 92563313020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	0.00010J	0.00020	0.000078	10/06/21 13:36	

LABORATORY CONTROL SAMPLE: 3413804

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.0025	0.0023	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3414368 3414369

Parameter	Units	92563313003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	0.00010J	0.0025	0.0025	0.0023	0.0022	87	84	75-125	3	20	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 650962
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92563313021, 92563313022, 92563313023, 92563313024, 92563313025, 92563313026, 92563313027, 92563313028, 92563313029, 92563313030, 92563313031, 92563313032

METHOD BLANK: 3413822
Matrix: Water
Associated Lab Samples: 92563313021, 92563313022, 92563313023, 92563313024, 92563313025, 92563313026, 92563313027, 92563313028, 92563313029, 92563313030, 92563313031, 92563313032

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	0.00010J	0.00020	0.000078	10/06/21 14:57	

LABORATORY CONTROL SAMPLE: 3413823

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.0025	0.0026	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3413824 3413825

Parameter	Units	92563313021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	0.00010J	0.0025	0.0025	0.0025	0.0024	94	94	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 651340
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: 7470 Mercury Dissolved
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92563313033

METHOD BLANK: 3415817 Matrix: Water
Associated Lab Samples: 92563313033

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury, Dissolved	mg/L	ND	0.00020	0.000078	10/07/21 14:02	

LABORATORY CONTROL SAMPLE: 3415818

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	mg/L	0.0025	0.0026	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3415819 3415820

Parameter	Units	92563313033 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	mg/L	ND	0.0025	0.0025	0.0022	0.0024	87	94	75-125	7	20	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 649295
QC Batch Method: SM 2540C-2011
Analysis Method: SM 2540C-2011
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92563313001, 92563313002, 92563313003, 92563313004, 92563313005, 92563313006, 92563313007, 92563313008, 92563313009, 92563313010, 92563313011, 92563313012, 92563313025

METHOD BLANK: 3405734
Matrix: Water
Associated Lab Samples: 92563313001, 92563313002, 92563313003, 92563313004, 92563313005, 92563313006, 92563313007, 92563313008, 92563313009, 92563313010, 92563313011, 92563313012, 92563313025

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	09/27/21 10:19	

LABORATORY CONTROL SAMPLE: 3405735

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	394	98	90-111	

SAMPLE DUPLICATE: 3405736

Parameter	Units	92562283002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	174	168	4	10	

SAMPLE DUPLICATE: 3405737

Parameter	Units	92563313004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	985	1080	9	10	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 649491
QC Batch Method: SM 2540C-2011
Analysis Method: SM 2540C-2011
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92563313026

METHOD BLANK: 3406451
Matrix: Water
Associated Lab Samples: 92563313026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	09/28/21 10:55	

LABORATORY CONTROL SAMPLE: 3406452

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	394	98	90-111	

SAMPLE DUPLICATE: 3406453

Parameter	Units	92563313026 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	527	536	2	10	

SAMPLE DUPLICATE: 3406454

Parameter	Units	92562857001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	86.0	80.0	7	10	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 649722
QC Batch Method: SM 2540C-2011
Analysis Method: SM 2540C-2011
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92563313013, 92563313014, 92563313015, 92563313016, 92563313017, 92563313018, 92563313019, 92563313020, 92563313021, 92563313027, 92563313028, 92563313029, 92563313031, 92563313032

METHOD BLANK: 3407437
Matrix: Water
Associated Lab Samples: 92563313013, 92563313014, 92563313015, 92563313016, 92563313017, 92563313018, 92563313019, 92563313020, 92563313021, 92563313027, 92563313028, 92563313029, 92563313031, 92563313032

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	09/29/21 18:44	

LABORATORY CONTROL SAMPLE: 3407438

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	403	101	90-111	

SAMPLE DUPLICATE: 3407439

Parameter	Units	92562974003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	406	412	1	10	

SAMPLE DUPLICATE: 3407440

Parameter	Units	92563313019 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	51.0	47.0	8	10	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 650109
QC Batch Method: SM 2540C-2011
Analysis Method: SM 2540C-2011
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92563313022, 92563313023, 92563313024, 92563313030

METHOD BLANK: 3409662 Matrix: Water
Associated Lab Samples: 92563313022, 92563313023, 92563313024, 92563313030

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	09/30/21 18:57	

LABORATORY CONTROL SAMPLE: 3409663

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	396	99	90-111	

SAMPLE DUPLICATE: 3409664

Parameter	Units	92563226001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	277	284	2	10	

SAMPLE DUPLICATE: 3409665

Parameter	Units	92563599002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	78.0	85.0	9	10	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 649415
QC Batch Method: EPA 300.0 Rev 2.1 1993
Analysis Method: EPA 300.0 Rev 2.1 1993
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92563313001, 92563313002, 92563313003, 92563313004, 92563313005, 92563313006, 92563313007, 92563313008, 92563313009, 92563313010, 92563313011, 92563313012, 92563313013, 92563313014, 92563313015, 92563313016, 92563313017

METHOD BLANK: 3406128
Matrix: Water

Associated Lab Samples: 92563313001, 92563313002, 92563313003, 92563313004, 92563313005, 92563313006, 92563313007, 92563313008, 92563313009, 92563313010, 92563313011, 92563313012, 92563313013, 92563313014, 92563313015, 92563313016, 92563313017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	09/27/21 06:19	
Fluoride	mg/L	ND	0.10	0.050	09/27/21 06:19	
Sulfate	mg/L	ND	1.0	0.50	09/27/21 06:19	

LABORATORY CONTROL SAMPLE: 3406129

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	50.0	100	90-110	
Fluoride	mg/L	2.5	2.5	102	90-110	
Sulfate	mg/L	50	51.5	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3406130 3406131

Parameter	Units	92562974010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	6.1	50	50	59.7	60.7	107	109	90-110	2	10	
Fluoride	mg/L	0.071J	2.5	2.5	2.9	2.9	114	115	90-110	1	10	M1
Sulfate	mg/L	258	50	50	303	305	91	94	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3406132 3406133

Parameter	Units	92563313008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	103	50	50	150	150	94	94	90-110	0	10	
Fluoride	mg/L	ND	2.5	2.5	3.9	3.7	156	146	90-110	6	10	M1
Sulfate	mg/L	433	50	50	482	481	98	96	90-110	0	10	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 649417
QC Batch Method: EPA 300.0 Rev 2.1 1993
Analysis Method: EPA 300.0 Rev 2.1 1993
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92563313018, 92563313019, 92563313020, 92563313021, 92563313022, 92563313023, 92563313024, 92563313025, 92563313026, 92563313027, 92563313028, 92563313029, 92563313030, 92563313031, 92563313032

METHOD BLANK: 3406135
Matrix: Water

Associated Lab Samples: 92563313018, 92563313019, 92563313020, 92563313021, 92563313022, 92563313023, 92563313024, 92563313025, 92563313026, 92563313027, 92563313028, 92563313029, 92563313030, 92563313031, 92563313032

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	09/26/21 23:56	
Fluoride	mg/L	ND	0.10	0.050	09/26/21 23:56	
Sulfate	mg/L	ND	1.0	0.50	09/26/21 23:56	

LABORATORY CONTROL SAMPLE: 3406136

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	45.2	90	90-110	
Fluoride	mg/L	2.5	2.3	93	90-110	
Sulfate	mg/L	50	48.2	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3406137 3406138

Parameter	Units	92563313018 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	38.9	50	50	91.2	92.8	105	108	90-110	2	10	
Fluoride	mg/L	ND	2.5	2.5	2.7	2.8	110	114	90-110	4	10	M1
Sulfate	mg/L	905	50	50	955	950	99	90	90-110	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3406139 3406140

Parameter	Units	92563313028 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	ND	50	50	52.1	53.7	104	107	90-110	3	10	
Fluoride	mg/L	ND	2.5	2.5	2.8	2.9	112	114	90-110	2	10	M1
Sulfate	mg/L	ND	50	50	57.6	59.4	115	119	90-110	3	10	M1

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QUALIFIERS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92563313001	**GWA-7**				
92563313002	**GWB-4R**				
92563313003	**GWB-5R**				
92563313004	**GWB-6R**				
92563313005	**MW-26D**				
92563313006	**MW-27D**				
92563313007	**GWA-8**				
92563313008	**GWC-11**				
92563313009	**GWC-12**				
92563313010	**GWC-13**				
92563313011	**GWC-22**				
92563313013	**GWC-2**				
92563313014	**GWC-9**				
92563313015	**GWC-14**				
92563313016	**GWC-16**				
92563313017	**GWC-17**				
92563313018	**GWC-20**				
92563313019	**GWC-21**				
92563313020	**MW-23D**				
92563313021	**MW-24D**				
92563313022	**MW-25D**				
92563313023	**GWC-1**				
92563313024	**GWC-15**				
92563313001	**GWA-7**	EPA 3010A	650645	EPA 6010D	650720
92563313002	**GWB-4R**	EPA 3010A	650645	EPA 6010D	650720
92563313003	**GWB-5R**	EPA 3010A	650645	EPA 6010D	650720
92563313004	**GWB-6R**	EPA 3010A	650645	EPA 6010D	650720
92563313005	**MW-26D**	EPA 3010A	650645	EPA 6010D	650720
92563313006	**MW-27D**	EPA 3010A	650645	EPA 6010D	650720
92563313007	**GWA-8**	EPA 3010A	650645	EPA 6010D	650720
92563313008	**GWC-11**	EPA 3010A	650645	EPA 6010D	650720
92563313009	**GWC-12**	EPA 3010A	650645	EPA 6010D	650720
92563313010	**GWC-13**	EPA 3010A	650645	EPA 6010D	650720
92563313011	**GWC-22**	EPA 3010A	650645	EPA 6010D	650720
92563313012	**FB-1**	EPA 3010A	650645	EPA 6010D	650720
92563313013	**GWC-2**	EPA 3010A	650645	EPA 6010D	650720
92563313014	**GWC-9**	EPA 3010A	650645	EPA 6010D	650720
92563313015	**GWC-14**	EPA 3010A	650645	EPA 6010D	650720
92563313016	**GWC-16**	EPA 3010A	650645	EPA 6010D	650720
92563313017	**GWC-17**	EPA 3010A	650645	EPA 6010D	650720
92563313018	**GWC-20**	EPA 3010A	650645	EPA 6010D	650720
92563313019	**GWC-21**	EPA 3010A	650645	EPA 6010D	650720
92563313020	**MW-23D**	EPA 3010A	650645	EPA 6010D	650720
92563313021	**MW-24D**	EPA 3010A	650835	EPA 6010D	650941
92563313022	**MW-25D**	EPA 3010A	650835	EPA 6010D	650941
92563313023	**GWC-1**	EPA 3010A	650835	EPA 6010D	650941
92563313024	**GWC-15**	EPA 3010A	650835	EPA 6010D	650941
92563313025	**EB-1**	EPA 3010A	650835	EPA 6010D	650941

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92563313026	**DUP-1**	EPA 3010A	650835	EPA 6010D	650941
92563313027	**EB-2**	EPA 3010A	650835	EPA 6010D	650941
92563313028	**FB-2**	EPA 3010A	650835	EPA 6010D	650941
92563313029	**DUP-2**	EPA 3010A	650835	EPA 6010D	650941
92563313030	**EB-3**	EPA 3010A	650835	EPA 6010D	650941
92563313031	**FB-3**	EPA 3010A	650835	EPA 6010D	650941
92563313032	**DUP-3**	EPA 3010A	650835	EPA 6010D	650941
92563313033	**GWA-7**	EPA 3010A	650878	EPA 6010D	650935
92563313001	**GWA-7**	EPA 3005A	650620	EPA 6020B	650691
92563313002	**GWB-4R**	EPA 3005A	650620	EPA 6020B	650691
92563313003	**GWB-5R**	EPA 3005A	650620	EPA 6020B	650691
92563313004	**GWB-6R**	EPA 3005A	650620	EPA 6020B	650691
92563313005	**MW-26D**	EPA 3005A	650620	EPA 6020B	650691
92563313006	**MW-27D**	EPA 3005A	650620	EPA 6020B	650691
92563313007	**GWA-8**	EPA 3005A	650620	EPA 6020B	650691
92563313008	**GWC-11**	EPA 3005A	650620	EPA 6020B	650691
92563313009	**GWC-12**	EPA 3005A	650620	EPA 6020B	650691
92563313010	**GWC-13**	EPA 3005A	650620	EPA 6020B	650691
92563313011	**GWC-22**	EPA 3005A	650620	EPA 6020B	650691
92563313012	**FB-1**	EPA 3005A	650620	EPA 6020B	650691
92563313013	**GWC-2**	EPA 3005A	650620	EPA 6020B	650691
92563313014	**GWC-9**	EPA 3005A	650620	EPA 6020B	650691
92563313015	**GWC-14**	EPA 3005A	650620	EPA 6020B	650691
92563313016	**GWC-16**	EPA 3005A	650620	EPA 6020B	650691
92563313017	**GWC-17**	EPA 3005A	650620	EPA 6020B	650691
92563313018	**GWC-20**	EPA 3005A	650620	EPA 6020B	650691
92563313019	**GWC-21**	EPA 3005A	650620	EPA 6020B	650691
92563313020	**MW-23D**	EPA 3005A	650620	EPA 6020B	650691
92563313021	**MW-24D**	EPA 3005A	650836	EPA 6020B	650948
92563313022	**MW-25D**	EPA 3005A	650836	EPA 6020B	650948
92563313023	**GWC-1**	EPA 3005A	650836	EPA 6020B	650948
92563313024	**GWC-15**	EPA 3005A	650836	EPA 6020B	650948
92563313025	**EB-1**	EPA 3005A	650361	EPA 6020B	650438
92563313026	**DUP-1**	EPA 3005A	650361	EPA 6020B	650438
92563313027	**EB-2**	EPA 3005A	650361	EPA 6020B	650438
92563313028	**FB-2**	EPA 3005A	650361	EPA 6020B	650438
92563313029	**DUP-2**	EPA 3005A	650361	EPA 6020B	650438
92563313030	**EB-3**	EPA 3005A	650361	EPA 6020B	650438
92563313031	**FB-3**	EPA 3005A	650361	EPA 6020B	650438
92563313032	**DUP-3**	EPA 3005A	650361	EPA 6020B	650438
92563313033	**GWA-7**	EPA 3005A	651668	EPA 6020B	651701
92563313001	**GWA-7**	EPA 7470A	650960	EPA 7470A	651159
92563313002	**GWB-4R**	EPA 7470A	650960	EPA 7470A	651159
92563313003	**GWB-5R**	EPA 7470A	650960	EPA 7470A	651159
92563313004	**GWB-6R**	EPA 7470A	650960	EPA 7470A	651159
92563313005	**MW-26D**	EPA 7470A	650960	EPA 7470A	651159

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92563313006	**MW-27D**	EPA 7470A	650960	EPA 7470A	651159
92563313007	**GWA-8**	EPA 7470A	650960	EPA 7470A	651159
92563313008	**GWC-11**	EPA 7470A	650960	EPA 7470A	651159
92563313009	**GWC-12**	EPA 7470A	650960	EPA 7470A	651159
92563313010	**GWC-13**	EPA 7470A	650960	EPA 7470A	651159
92563313011	**GWC-22**	EPA 7470A	650960	EPA 7470A	651159
92563313012	**FB-1**	EPA 7470A	650960	EPA 7470A	651159
92563313013	**GWC-2**	EPA 7470A	650960	EPA 7470A	651159
92563313014	**GWC-9**	EPA 7470A	650960	EPA 7470A	651159
92563313015	**GWC-14**	EPA 7470A	650960	EPA 7470A	651159
92563313016	**GWC-16**	EPA 7470A	650960	EPA 7470A	651159
92563313017	**GWC-17**	EPA 7470A	650960	EPA 7470A	651159
92563313018	**GWC-20**	EPA 7470A	650960	EPA 7470A	651159
92563313019	**GWC-21**	EPA 7470A	650960	EPA 7470A	651159
92563313020	**MW-23D**	EPA 7470A	650960	EPA 7470A	651159
92563313021	**MW-24D**	EPA 7470A	650962	EPA 7470A	651162
92563313022	**MW-25D**	EPA 7470A	650962	EPA 7470A	651162
92563313023	**GWC-1**	EPA 7470A	650962	EPA 7470A	651162
92563313024	**GWC-15**	EPA 7470A	650962	EPA 7470A	651162
92563313025	**EB-1**	EPA 7470A	650962	EPA 7470A	651162
92563313026	**DUP-1**	EPA 7470A	650962	EPA 7470A	651162
92563313027	**EB-2**	EPA 7470A	650962	EPA 7470A	651162
92563313028	**FB-2**	EPA 7470A	650962	EPA 7470A	651162
92563313029	**DUP-2**	EPA 7470A	650962	EPA 7470A	651162
92563313030	**EB-3**	EPA 7470A	650962	EPA 7470A	651162
92563313031	**FB-3**	EPA 7470A	650962	EPA 7470A	651162
92563313032	**DUP-3**	EPA 7470A	650962	EPA 7470A	651162
92563313033	**GWA-7**	EPA 7470A	651340	EPA 7470A	651423
92563313001	**GWA-7**	SM 2540C-2011	649295		
92563313002	**GWB-4R**	SM 2540C-2011	649295		
92563313003	**GWB-5R**	SM 2540C-2011	649295		
92563313004	**GWB-6R**	SM 2540C-2011	649295		
92563313005	**MW-26D**	SM 2540C-2011	649295		
92563313006	**MW-27D**	SM 2540C-2011	649295		
92563313007	**GWA-8**	SM 2540C-2011	649295		
92563313008	**GWC-11**	SM 2540C-2011	649295		
92563313009	**GWC-12**	SM 2540C-2011	649295		
92563313010	**GWC-13**	SM 2540C-2011	649295		
92563313011	**GWC-22**	SM 2540C-2011	649295		
92563313012	**FB-1**	SM 2540C-2011	649295		
92563313013	**GWC-2**	SM 2540C-2011	649722		
92563313014	**GWC-9**	SM 2540C-2011	649722		
92563313015	**GWC-14**	SM 2540C-2011	649722		
92563313016	**GWC-16**	SM 2540C-2011	649722		
92563313017	**GWC-17**	SM 2540C-2011	649722		
92563313018	**GWC-20**	SM 2540C-2011	649722		
92563313019	**GWC-21**	SM 2540C-2011	649722		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92563313020	**MW-23D**	SM 2540C-2011	649722		
92563313021	**MW-24D**	SM 2540C-2011	649722		
92563313022	**MW-25D**	SM 2540C-2011	650109		
92563313023	**GWC-1**	SM 2540C-2011	650109		
92563313024	**GWC-15**	SM 2540C-2011	650109		
92563313025	**EB-1**	SM 2540C-2011	649295		
92563313026	**DUP-1**	SM 2540C-2011	649491		
92563313027	**EB-2**	SM 2540C-2011	649722		
92563313028	**FB-2**	SM 2540C-2011	649722		
92563313029	**DUP-2**	SM 2540C-2011	649722		
92563313030	**EB-3**	SM 2540C-2011	650109		
92563313031	**FB-3**	SM 2540C-2011	649722		
92563313032	**DUP-3**	SM 2540C-2011	649722		
92563313001	**GWA-7**	EPA 300.0 Rev 2.1 1993	649415		
92563313002	**GWB-4R**	EPA 300.0 Rev 2.1 1993	649415		
92563313003	**GWB-5R**	EPA 300.0 Rev 2.1 1993	649415		
92563313004	**GWB-6R**	EPA 300.0 Rev 2.1 1993	649415		
92563313005	**MW-26D**	EPA 300.0 Rev 2.1 1993	649415		
92563313006	**MW-27D**	EPA 300.0 Rev 2.1 1993	649415		
92563313007	**GWA-8**	EPA 300.0 Rev 2.1 1993	649415		
92563313008	**GWC-11**	EPA 300.0 Rev 2.1 1993	649415		
92563313009	**GWC-12**	EPA 300.0 Rev 2.1 1993	649415		
92563313010	**GWC-13**	EPA 300.0 Rev 2.1 1993	649415		
92563313011	**GWC-22**	EPA 300.0 Rev 2.1 1993	649415		
92563313012	**FB-1**	EPA 300.0 Rev 2.1 1993	649415		
92563313013	**GWC-2**	EPA 300.0 Rev 2.1 1993	649415		
92563313014	**GWC-9**	EPA 300.0 Rev 2.1 1993	649415		
92563313015	**GWC-14**	EPA 300.0 Rev 2.1 1993	649415		
92563313016	**GWC-16**	EPA 300.0 Rev 2.1 1993	649415		
92563313017	**GWC-17**	EPA 300.0 Rev 2.1 1993	649415		
92563313018	**GWC-20**	EPA 300.0 Rev 2.1 1993	649417		
92563313019	**GWC-21**	EPA 300.0 Rev 2.1 1993	649417		
92563313020	**MW-23D**	EPA 300.0 Rev 2.1 1993	649417		
92563313021	**MW-24D**	EPA 300.0 Rev 2.1 1993	649417		
92563313022	**MW-25D**	EPA 300.0 Rev 2.1 1993	649417		
92563313023	**GWC-1**	EPA 300.0 Rev 2.1 1993	649417		
92563313024	**GWC-15**	EPA 300.0 Rev 2.1 1993	649417		
92563313025	**EB-1**	EPA 300.0 Rev 2.1 1993	649417		
92563313026	**DUP-1**	EPA 300.0 Rev 2.1 1993	649417		
92563313027	**EB-2**	EPA 300.0 Rev 2.1 1993	649417		
92563313028	**FB-2**	EPA 300.0 Rev 2.1 1993	649417		
92563313029	**DUP-2**	EPA 300.0 Rev 2.1 1993	649417		
92563313030	**EB-3**	EPA 300.0 Rev 2.1 1993	649417		
92563313031	**FB-3**	EPA 300.0 Rev 2.1 1993	649417		
92563313032	**DUP-3**	EPA 300.0 Rev 2.1 1993	649417		

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Pace Analytical Services, LLC
110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, LLC.

Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 1 of 2
	Document No.: F-CAR-CS-059-Rev.07	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☑ Kernersville ☐

Sample Condition Upon Receipt

Client Name: GA power

Project #: WO# : 92563313

92563313

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace ☐ Other:

Custody Seal Present? ☐ Yes ☑ No **Seals Intact?** ☐ Yes ☑ No

Date/Initials Person Examining Contents: LHR 9/24/

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☑ Other

Biological Tissue Frozen? ☐ Yes ☑ No ☐ N/A

Thermometer: ☐ IR Gun ID: 232 ☑ IR ☐ Blue ☐ None

Type of Ice:

Cooler Temp: 5.3 **Correction Factor: Add/Subtract (°C)** +0.1

Cooler Temp Corrected (°C): 5.4

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

USDA Regulated Soil (☐ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☑ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☑ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☑ Yes	☐ No	☐ N/A	8.
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: GW				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☐ No	☑ N/A	10.
Trip Blank Present?	☐ Yes	☐ No	☑ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☑ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: **Date:**

Project Manager SRF Review: **Date:**

Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 2 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LL-Hg

****Bottom half of box is to list number of bottles**

Project # **WO# : 92563313**

PM: MHG Due Date: 10/08/21

CLIENT: GA-GA Power

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (CI-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4N-125 mL Plastic H2SO4 (pH < 2) (CI-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP2N-500 mL Plastic Zn Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (CI-)	WGFU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (CI-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (CI-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG4S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NaHSO4 (N/A)(CI-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9B-40 mL VOA H3PO4 (N/A)	VG9AB (6 vials per kit)-5035 kit (N/A)	VG9A (3 vials per kit)-Vny/Glas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - 1m)	SP2T-250 mL Sterile Plastic (N/A - 1d)	BOTTLE	BP3A-250 mL Plastic (N/O)H2SO4 (2.1-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VG0U-20 mL S/VOA/Glass vials (N/A)	DG0U-40 mL Amber Unpreserved vials (N/A)
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pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 2 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LL-Hg

****Bottom half of box is to list number of bottles**

Project # **WO# : 92563313**

PM: NMG Due Date: 10/08/21

CLIENT: GA-GA Power

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (D+)	BP2U-250 mL Plastic Unpreserved (N/A)	BP3U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4N-125 mL Plastic H2SO4 (pH < 2) (D+)	BP2N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic Zn Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (D+)	WGFU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (D+)	AG1H-1 liter Amber HCl (pH < 2)	AG4U-250 mL Amber Unpreserved (N/A) (D+)	AG1N-1 liter Amber H2SO4 (pH < 2)	AG5N-250 mL Amber H2SO4 (pH < 2)	AG4S-250 mL Amber NaHSO4 (N/A)(D+)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG8M-40 mL VOA H3PO4 (N/A)	VG4G (6 vials per bkg) Vinyl-free bot (N/A)	VJ5K (3 vials per bkg) 5035 kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - Tot)	SP5T-250 mL Sterile Plastic (N/A - Tot)	BP3A-250 mL Plastic (NH4)2SO4 (5.8-9.3)	AG0U-100 mL Amber Unpreserved vials (N/A)	VG0U-20 mL Scintillation vials (N/A)	DG9U-40 mL Unpreserved Clear VOA (N/A)
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pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 2 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, Lll/g

****Bottom half of box is to list number of bottles**

Project # WO#: 92563313

PM: NHG Due Date: 10/08/21

CLIENT: GR-GR Power

Item#	BP4N-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP3V-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic Zn Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGKU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3N-250 mL Amber HNO3 (pH < 2)	AG3A(DG3A)-250 mL Amber NaHSO4 (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9B-40 mL VOA NaBOH (N/A)	VG9A (3 vials per kit)-methylene kit (N/A)	VG9A (8 vials per kit)-5035 kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - Tot)	SP2T-250 mL Sterile Plastic (N/A - Tot)	[illegible]	BP6A-250 mL Plastic (NaOH)TOC (5.5-6.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VG0U-20 mL Scintillation vials (N/A)	DG0U-40 mL Amber Unpreserved vials (N/A)
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pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

1 of 4

Page: 1 of 3 (AS)

Section A Required Client Information:
Company: GA Power
Address: Atlanta, GA
Email To: SCS Contacts
Phone: Fax:
Requested Due Date/TAT: 10 Day

Section B Required Project Information:
Report To: SCS Contacts
Copy To: ACC Contacts
Purchase Order No.:
Project Name: Grumman Road Landfill
Project Number:

Section C Invoice Information:
Attention: Southern Co.
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Kevin Herring
Pace Profile #: 10843

REGULATORY AGENCY
☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☑ OTHER

Site Location STATE: GA

Section D Required Client Information — Valid Matrix Codes: WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AIR; TISSUE TS; OTHER OT

SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE

Item #	SAMPLE ID	Matrix Code	Sample Type (G=Grab, C=Comp)	Collected Date	Collected Time	Composite Start Date	Composite Start Time	Sample Temp at Collection	# of Containers	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test 1	2B	Chemical Fumes/Sulfides SOLID	Sep. 3B = IV = Permit Issues *	Not 3/4/5/6/8	Residual Chlorine (Y/N)	Pace Project No./Lab I.D.
1	GWA-7	GW	G	9/21/21	955	—	—		5	✓		✓							✓	✓	✓	✓		Field pH = 6.07
2	GWB-4R	GW	G	9/21/21	1145	—	—		5	✓		✓							✓	✓	✓	✓		Field pH = 5.78
3	GWB-5R	GW	G	9/21/21	1235	—	—		5	✓		✓							✓	✓	✓	✓		Field pH = 4.68
4	GWB-10R	GW	G	9/21/21	1115	—	—		5	✓		✓							✓	✓	✓	✓		Field pH = 5.40
5	MW-26D	GW	G	9/21/21	1145	—	—		5	✓		✓							✓	✓	✓	✓		Field pH = 5.83
6	MW-27D	GW	G	9/21/21	1145	—	—		5	✓		✓							✓	✓	✓	✓		Field pH = 5.97
7	GWA-8	GW	G	9/21/21	945	—	—		5	✓		✓							✓	✓	✓	✓		Field pH = 4.44
8	GWC-11	GW	G	9/21/21	1240	—	—		5	✓		✓							✓	✓	✓	✓		Field pH = 4.92
9	GWC-12	GW	G	9/21/21	1057	—	—		5	✓		✓							✓	✓	✓	✓		Field pH = 4.85
10	GWC-13	GW	G	9/21/21	820	—	—		5	✓		✓							✓	✓	✓	✓		Field pH = 4.33
11	GWC-22	GW	G	9/21/21	1400	—	—		5	✓		✓							✓	✓	✓	✓		Field pH = 4.72
12	FB-1	GW	G	9/21/21	945	—	—		5	✓		✓							✓	✓	✓	✓		Field pH = NA

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Please note when the last sample for the event has been taken	[signature]	9/21/21	0918	[signature]	9/21	0918	
Metals: B, Ca, Sb, As, Ba, Be, Cd, Cr, Co, Pb, Li, Mo, Se, Tl, V, Zn, Hg							

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Ayla Whitfield
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 9/21/21 0918

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pace Analytical™
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

2 of 4

Page: 2 of 5 RS

Section A Required Client Information:
Company: GA Power
Address: Atlanta, GA
Email To: SCS Contacts
Phone: Fax:
Requested Due Date/TAT: 10-Day

Section B Required Project Information:
Report To: SCS Contacts
Copy To: ACC Contacts
Purchase Order No.:
Project Name: Grumman Road Landfill
Project Number:

Section C Invoice Information:
Attention: Southern Co.
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Kevin Herring
Pace Profile #: 10843

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☑ OTHER CCR
Site Location STATE: GA

Section D Required Client Information — SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE

Valid Matrix Codes: WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AIR; TISSUE TS; OTHER OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid matrices in left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start Date	Composite Start Time	Composite Ending Date	Composite Ending Time	Sample Temp at Collection	# of Containers	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test ↓ / Requested Analysis Filtered (Y/N)	Y/N	N	N	N	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	GWC-2	GW	G	9/22/21	1430	—	—		5	✓		✓							✓	✓	✓	✓		field pH = 4.71
2	GWC-9	GW	G	9/22/21	1303	—	—		5	✓		✓							✓	✓	✓	✓		field pH = 4.70
3	GWC-14	GW	G	9/22/21	1610	—	—		5	✓		✓							✓	✓	✓	✓		field pH = 5.76
4	GWC-16	GW	G	9/22/21	1100	—	—		5	✓		✓							✓	✓	✓	✓		field pH = 5.57
5	GWC-17	GW	G	9/22/21	1240	—	—		5	✓		✓							✓	✓	✓	✓		field pH = 4.63
6	GWC-20	GW	G	9/22/21	1405	—	—		5	✓		✓							✓	✓	✓	✓		field pH = 6.00
7	GWC-21	GW	G	9/22/21	940	—	—		5	✓		✓							✓	✓	✓	✓		field pH = 5.39
8	MW-23D	GW	G	9/22/21	1600	—	—		5	✓		✓							✓	✓	✓	✓		field pH = 6.37
9	MW-24D	GW	G	9/22/21	1225	—	—		5	✓		✓							✓	✓	✓	✓		field pH = 6.76
10	MW-25D	GW	G	9/23/21	1005	—	—		5	✓		✓							✓	✓	✓	✓		field pH = 6.21
11	GWC-1	GW	G	9/23/21	910	—	—		5	✓		✓							✓	✓	✓	✓		field pH = 6.66
12	GWC-15	GW	G	9/22/21	1658	—	—		5	✓		✓							✓	✓	✓	✓		field pH = 6.48

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Please Note: where the last sample for the event has been taken	[signature]	9/24/21	0918	[signature]	9/24	0918	

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Anya Schuiller
SIGNATURE of SAMPLER: [signature]
DATE Signed (MM/DD/YY): 9/22/21 0918

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.0% per month for any invoices not paid within 30 days.

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

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2 of 4

Page: 3 of 8 AS

Section A Required Client Information

Company: GA Power
Address: Atlanta, GA
Email To: SCS Contacts
Phone: Fax:
Requested Due Date/T.A.T.: 10 Day

Section B Required Project Information

Report To: SCS Contacts
Copy To: ACC Contacts
Purchase Order No.:
Project Name: Grumman Road Landfill
Project Number:

Section C Invoice Information

Attention: Southern Co.
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Kevin Herring
Pace Profile #: 10843

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☑ OTHER

Site Location STATE: GA

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	TIME	Composite End DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test ↓	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
																			N N N N		
1	~~EB-1~~ EB-1	W	G	9/21/21	1125	—	—		5	✓		✓							✓ ✓ ✓ ✓		~~Sold pH =~~
2	DUP-1	W	G	9/21/21	—	—	—		5	✓		✓							✓ ✓ ✓ ✓		~~Sold pH =~~
3	EB-2	W	G	9/22/21	845	—	—		5	✓		✓							✓ ✓ ✓ ✓		~~Sold pH =~~
4	FB-2	W	G	9/22/21	1240	—	—		5	✓		✓							✓ ✓ ✓ ✓		~~Sold pH =~~
5	DUP-2	W	G	9/22/21	—	—	—		5	✓		✓							✓ ✓ ✓ ✓ ✓		~~Sold pH =~~
6	EB-3	W	G	9/23/21	900	—	—		5	✓		✓							✓ ✓ ✓ ✓ ✓		~~Sold pH =~~
7	FB-3	W	G	9/23/21	1345	—	—		5	✓		✓							✓ ✓ ✓ ✓ ✓		~~Sold pH =~~
8	DUP-3	W	G	9/23/21	—	—	—		5	✓		✓							✓ ✓ ✓ ✓ ✓		~~Sold pH =~~
9																					Sold pH =
10																					Sold pH =
11																					Sold pH =
12																					Sold pH =

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Please note when the last sample for the event has been taken.	[signature]	9/24/21	0918	[signature] / PACE	9/24	0918	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Anna Schnatter

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 9/21/21 4:00 PM

Temp in °C	Received on Ice (Y/N)	Custody Seals Intact (Y/N)	Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-Feb-2007

Pace Analytical™

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 4 of 5 4 of 4 AS

Section A Required Client Information:
Company: GA Power
Address: Atlanta, GA
Mail To: SCS Contacts
Phone: Fax:
Requested Due Date/TAT: 10 Day

Section B Required Project Information:
Report To: SCS Contacts
Copy To: ACC Contacts
Purchase Order No.:
Project Name: Grumman Road Landfill
Project Number:

Section C Invoice Information:
Attention: Southern Co.
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Kevin Herring
Pace Profile #: 50843

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☒ OTHER
Site Location STATE: GA

Section D Required Client Information — SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Valid Matrix Codes: DRINKING WATER (DW), WATER (WT), WASTE WATER (WW), PRODUCT (P), SOIL/SOLID (SL), OIL (OL), WIPE (WP), AIR (AR), TISSUE (TS), OTHER (OT)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start Date	Composite Start Time	Composite Endpoint Date	Composite Endpoint Time	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analysis Test ↓	TSS	Dissolved Fluoride (EPA 300.0)	Requested Analysis Filtered (Y/N): Y	Pres. 33 = 30 = Permit Means	RAD (04/05)	Residual Chlorine (Y/N)	Pace Project No./Lab I.D.
1	BWA-7	✓	G	9/2/21	9:05	—	—	4°	1			✓									✓				field
2																									field pH =
3																									field pH =
4																									field pH =
5																									field pH =
6																									field pH =
7																									field pH =
8																									field pH =
9																									field pH =
10																									field pH =
11																									field pH =
12																									field pH =

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Please note when the last sample for the event has been taken.	[signature]	9/2/21	0918	see page	9/2/21	0918	
Metals=B, Ca, Fe, Mn, Na, Mg, Se, Cd, Cr, Cu, Pb, Li, Ni, Ag, Sb, Tl, V, Zn (mg)							

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Anna Schmittler
SIGNATURE of SAMPLER: [signature]
DATE Signed (MM/DD/YY): 9/2/21

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.0% per month for any invoices not paid within 30 days.

Pace Analytical Services, LLC
110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

November 11, 2021

Joju Abraham
Georgia Power-CCR
2480 Maner Road
Atlanta, GA 30339

RE: Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Dear Joju Abraham:

Enclosed are the analytical results for sample(s) received by the laboratory on September 24, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Nicole D'Oleo

Nicole D'Oleo
nicole.d'oleo@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Owens Fuquea, ACC
Monte Jones, Atlantic Coast Consulting, Inc.
Kristen Jurinko
Matt Malone, Atlantic Coast Consulting
Betsy McDaniel, Atlantic Coast Consulting
Ms. Lauren Petty, Southern Company

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CERTIFICATIONS

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Pace Analytical Services Pennsylvania
1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 04222CA
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
Delaware Certification
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Florida: Cert E871149 SEKS WET
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas/TNI Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA180012
Louisiana DEQ/TNI Certification #: 4086
Maine Certification #: 2017020
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572018-1
New Hampshire/TNI Certification #: 297617
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-010
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: 02867
Texas/TNI Certification #: T104704188-17-3
Utah/TNI Certification #: PA014572017-9
USDA Soil Permit #: P330-17-00091
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 9526
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad
Wyoming Certification #: 8TMS-L

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SAMPLE SUMMARY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92563306001	**GWA-7**	Water	09/21/21 09:55	09/24/21 09:18
92563306002	**GWB-4R**	Water	09/21/21 14:45	09/24/21 09:18
92563306003	**GWB-5R**	Water	09/21/21 12:35	09/24/21 09:18
92563306004	**GWB-6R**	Water	09/21/21 11:15	09/24/21 09:18
92563306005	**MW-26D**	Water	09/21/21 13:45	09/24/21 09:18
92563306006	**MW-27D**	Water	09/21/21 16:15	09/24/21 09:18
92563306007	**GWA-8**	Water	09/21/21 09:45	09/24/21 09:18
92563306008	**GWC-11**	Water	09/21/21 12:40	09/24/21 09:18
92563306009	**GWC-12**	Water	09/21/21 10:57	09/24/21 09:18
92563306010	**GWC-13**	Water	09/21/21 16:20	09/24/21 09:18
92563306011	**GWC-22**	Water	09/21/21 14:00	09/24/21 09:18
92563306012	**FB-1**	Water	09/21/21 09:45	09/24/21 09:18
92563306013	**GWC-2**	Water	09/22/21 14:38	09/24/21 09:18
92563306014	**GWC-9**	Water	09/22/21 13:03	09/24/21 09:18
92563306015	**GWC-14**	Water	09/22/21 16:10	09/24/21 09:18
92563306016	**GWC-16**	Water	09/22/21 11:00	09/24/21 09:18
92563306017	**GWC-17**	Water	09/22/21 12:00	09/24/21 09:18
92563306018	**GWC-20**	Water	09/22/21 14:05	09/24/21 09:18
92563306019	**GWC-21**	Water	09/22/21 09:40	09/24/21 09:18
92563306020	**MW-23D**	Water	09/22/21 16:00	09/24/21 09:18
92563306021	**MW-24D**	Water	09/22/21 12:25	09/24/21 09:18
92563306022	**MW-25D**	Water	09/23/21 10:05	09/24/21 09:18
92563306023	**GWC-1**	Water	09/23/21 09:10	09/24/21 09:18
92563306024	**GWC-15**	Water	09/23/21 08:55	09/24/21 09:18
92563306025	**EB-1**	Water	09/21/21 11:25	09/24/21 09:18
92563306026	**DUP-1**	Water	09/21/21 00:00	09/24/21 09:18
92563306027	**EB-2**	Water	09/22/21 08:45	09/24/21 09:18
92563306028	**FB-2**	Water	09/22/21 12:40	09/24/21 09:18
92563306029	**DUP-2**	Water	09/22/21 00:00	09/24/21 09:18
92563306030	**EB-3**	Water	09/23/21 09:00	09/24/21 09:18
92563306031	**FB-3**	Water	09/22/21 13:15	09/24/21 09:18
92563306032	**DUP-3**	Water	09/22/21 00:00	09/24/21 09:18

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SAMPLE ANALYTE COUNT

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92563306001	**GWA-7**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306002	**GWB-4R**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306003	**GWB-5R**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306004	**GWB-6R**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306005	**MW-26D**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306006	**MW-27D**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306007	**GWA-8**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306008	**GWC-11**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306009	**GWC-12**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306010	**GWC-13**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306011	**GWC-22**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306012	**FB-1**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306013	**GWC-2**	EPA 9315	JJY	1	PASI-PA

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SAMPLE ANALYTE COUNT

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306014	**GWC-9**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306015	**GWC-14**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306016	**GWC-16**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306017	**GWC-17**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306018	**GWC-20**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	RMK	1	PASI-PA
92563306019	**GWC-21**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306020	**MW-23D**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306021	**MW-24D**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306022	**MW-25D**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306023	**GWC-1**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306024	**GWC-15**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306025	**EB-1**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA

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Peachtree Corners, GA 30092
(770)734-4200

SAMPLE ANALYTE COUNT

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		Total Radium Calculation	JAL	1	PASI-PA
92563306026	**DUP-1**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306027	**EB-2**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306028	**FB-2**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306029	**DUP-2**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306030	**EB-3**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306031	**FB-3**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306032	**DUP-3**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA

PASI-PA = Pace Analytical Services - Greensburg

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110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563306001	**GWA-7**					
EPA 9315	Radium-226	1.29 ± 0.687 (1.14) C:96% T:NA	pCi/L		10/29/21 06:53	
EPA 9320	Radium-228	8.96 ± 1.89 (1.23) C:62% T:91%	pCi/L		10/07/21 14:30	
Total Radium Calculation	Total Radium	10.3 ± 2.58 (2.37)	pCi/L		10/29/21 15:19	
92563306002	**GWB-4R**					
EPA 9315	Radium-226	1.14 ± 0.298 (0.257) C:94% T:NA	pCi/L		10/29/21 06:54	
EPA 9320	Radium-228	1.31 ± 0.657 (1.19) C:60% T:92%	pCi/L		10/07/21 14:30	
Total Radium Calculation	Total Radium	2.45 ± 0.955 (1.45)	pCi/L		10/29/21 15:19	
92563306003	**GWB-5R**					
EPA 9315	Radium-226	1.92 ± 0.408 (0.196) C:98% T:NA	pCi/L		10/29/21 06:54	
EPA 9320	Radium-228	1.18 ± 0.825 (1.59) C:64% T:89%	pCi/L		10/07/21 19:45	
Total Radium Calculation	Total Radium	3.10 ± 1.23 (1.79)	pCi/L		10/29/21 15:19	
92563306004	**GWB-6R**					
EPA 9315	Radium-226	1.81 ± 0.747 (0.944) C:87% T:NA	pCi/L		10/29/21 06:54	
EPA 9320	Radium-228	3.26 ± 1.15 (1.65) C:66% T:89%	pCi/L		10/07/21 19:45	
Total Radium Calculation	Total Radium	5.07 ± 1.90 (2.59)	pCi/L		10/29/21 15:19	
92563306005	**MW-26D**					
EPA 9315	Radium-226	0.452 ± 0.190 (0.190) C:96% T:NA	pCi/L		10/19/21 09:31	

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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563306005	**MW-26D**					
EPA 9320	Radium-228	0.363 ± 0.724 (1.59) C:62% T:87%	pCi/L		10/07/21 19:45	
Total Radium Calculation	Total Radium	0.815 ± 0.914 (1.78)	pCi/L		10/20/21 17:24	
92563306006	**MW-27D**					
EPA 9315	Radium-226	0.423 ± 0.177 (0.246) C:97% T:NA	pCi/L		10/29/21 06:54	
EPA 9320	Radium-228	0.170 ± 0.808 (1.83) C:63% T:89%	pCi/L		10/07/21 19:45	
Total Radium Calculation	Total Radium	0.593 ± 0.985 (2.08)	pCi/L		10/29/21 15:10	
92563306007	**GWA-8**					
EPA 9315	Radium-226	0.730 ± 0.250 (0.323) C:84% T:NA	pCi/L		10/29/21 06:55	
EPA 9320	Radium-228	-0.133 ± 0.655 (1.57) C:64% T:81%	pCi/L		10/07/21 19:45	
Total Radium Calculation	Total Radium	0.730 ± 0.905 (1.89)	pCi/L		10/29/21 15:10	
92563306008	**GWC-11**					
EPA 9315	Radium-226	2.79 ± 0.551 (0.339) C:97% T:NA	pCi/L		10/29/21 06:30	
EPA 9320	Radium-228	1.56 ± 0.874 (1.56) C:60% T:85%	pCi/L		10/07/21 19:45	
Total Radium Calculation	Total Radium	4.35 ± 1.43 (1.90)	pCi/L		10/29/21 15:10	
92563306009	**GWC-12**					
EPA 9315	Radium-226	0.806 ± 0.234 (0.208) C:98% T:NA	pCi/L		10/29/21 06:30	

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Peachtree Corners, GA 30092
(770)734-4200

SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563306009	**GWC-12**					
EPA 9320	Radium-228	0.429 ± 0.739 (1.61) C:60% T:92%	pCi/L		10/07/21 19:45	
Total Radium Calculation	Total Radium	1.24 ± 0.973 (1.82)	pCi/L		10/29/21 15:10	
92563306010	**GWC-13**					
EPA 9315	Radium-226	0.740 ± 0.227 (0.186) C:94% T:NA	pCi/L		10/29/21 06:31	
EPA 9320	Radium-228	1.35 ± 0.926 (1.78) C:61% T:83%	pCi/L		10/07/21 19:45	
Total Radium Calculation	Total Radium	2.09 ± 1.15 (1.97)	pCi/L		10/29/21 15:10	
92563306011	**GWC-22**					
EPA 9315	Radium-226	0.753 ± 0.233 (0.205) C:92% T:NA	pCi/L		10/29/21 06:31	
EPA 9320	Radium-228	0.501 ± 0.782 (1.69) C:63% T:82%	pCi/L		10/07/21 19:46	
Total Radium Calculation	Total Radium	1.25 ± 1.02 (1.90)	pCi/L		10/29/21 15:10	
92563306012	**FB-1**					
EPA 9315	Radium-226	-0.0135 ± 0.0670 (0.196) C:97% T:NA	pCi/L		10/29/21 06:31	
EPA 9320	Radium-228	0.230 ± 0.808 (1.82) C:60% T:89%	pCi/L		10/07/21 19:46	
Total Radium Calculation	Total Radium	0.230 ± 0.875 (2.02)	pCi/L		10/29/21 15:10	
92563306013	**GWC-2**					
EPA 9315	Radium-226	0.146 ± 0.110 (0.194) C:96% T:NA	pCi/L		10/29/21 06:35	

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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563306013	**GWC-2**					
EPA 9320	Radium-228	0.623 ± 0.708 (1.48) C:60% T:91%	pCi/L		10/07/21 19:46	
Total Radium Calculation	Total Radium	0.769 ± 0.818 (1.67)	pCi/L		10/29/21 15:10	
92563306014	**GWC-9**					
EPA 9315	Radium-226	0.874 ± 0.240 (0.152) C:95% T:NA	pCi/L		10/29/21 06:35	
EPA 9320	Radium-228	1.21 ± 0.948 (1.89) C:58% T:88%	pCi/L		10/07/21 19:45	
Total Radium Calculation	Total Radium	2.08 ± 1.19 (2.04)	pCi/L		10/29/21 15:10	
92563306015	**GWC-14**					
EPA 9315	Radium-226	0.342 ± 0.167 (0.261) C:100% T:NA	pCi/L		10/29/21 06:36	
EPA 9320	Radium-228	1.60 ± 0.944 (1.76) C:62% T:85%	pCi/L		10/07/21 19:45	
Total Radium Calculation	Total Radium	1.94 ± 1.11 (2.02)	pCi/L		10/29/21 15:10	
92563306016	**GWC-16**					
EPA 9315	Radium-226	1.34 ± 0.319 (0.189) C:101% T:NA	pCi/L		10/29/21 06:36	
EPA 9320	Radium-228	1.72 ± 0.865 (1.51) C:65% T:89%	pCi/L		10/07/21 19:45	
Total Radium Calculation	Total Radium	3.06 ± 1.18 (1.70)	pCi/L		10/29/21 15:10	
92563306017	**GWC-17**					
EPA 9315	Radium-226	0.987 ± 0.283 (0.309) C:97% T:NA	pCi/L		10/29/21 06:36	

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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563306017	**GWC-17**					
EPA 9320	Radium-228	1.37 ± 0.835 (1.56) C:64% T:91%	pCi/L		10/07/21 19:45	
Total Radium Calculation	Total Radium	2.36 ± 1.12 (1.87)	pCi/L		10/29/21 15:10	
92563306018	**GWC-20**					
EPA 9315	Radium-226	2.30 ± 0.457 (0.172) C:103% T:NA	pCi/L		11/08/21 15:32	
EPA 9320	Radium-228	4.54 ± 1.31 (1.58) C:64% T:92%	pCi/L		10/07/21 19:45	
Total Radium Calculation	Total Radium	6.84 ± 1.77 (1.75)	pCi/L		11/10/21 10:17	
92563306019	**GWC-21**					
EPA 9315	Radium-226	0.378 ± 0.161 (0.204) C:96% T:NA	pCi/L		10/29/21 06:36	
EPA 9320	Radium-228	0.581 ± 0.409 (0.789) C:67% T:87%	pCi/L		10/13/21 14:05	
Total Radium Calculation	Total Radium	0.959 ± 0.570 (0.993)	pCi/L		10/29/21 15:10	
92563306020	**MW-23D**					
EPA 9315	Radium-226	0.539 ± 0.190 (0.198) C:92% T:NA	pCi/L		10/29/21 06:36	
EPA 9320	Radium-228	0.858 ± 0.470 (0.842) C:67% T:82%	pCi/L		10/13/21 14:05	
Total Radium Calculation	Total Radium	1.40 ± 0.660 (1.04)	pCi/L		10/29/21 15:10	
92563306021	**MW-24D**					
EPA 9315	Radium-226	0.305 ± 0.167 (0.283) C:96% T:NA	pCi/L		10/29/21 06:36	

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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563306021	**MW-24D**					
EPA 9320	Radium-228	0.677 ± 0.470 (0.908) C:64% T:83%	pCi/L		10/13/21 14:05	
Total Radium Calculation	Total Radium	0.982 ± 0.637 (1.19)	pCi/L		10/29/21 15:10	
92563306022	**MW-25D**					
EPA 9315	Radium-226	0.257 ± 0.145 (0.225) C:94% T:NA	pCi/L		10/29/21 06:36	
EPA 9320	Radium-228	0.896 ± 0.415 (0.682) C:69% T:87%	pCi/L		10/13/21 14:05	
Total Radium Calculation	Total Radium	1.15 ± 0.560 (0.907)	pCi/L		10/29/21 15:10	
92563306023	**GWC-1**					
EPA 9315	Radium-226	0.503 ± 0.185 (0.207) C:95% T:NA	pCi/L		10/29/21 06:36	
EPA 9320	Radium-228	0.976 ± 0.458 (0.766) C:69% T:85%	pCi/L		10/13/21 14:05	
Total Radium Calculation	Total Radium	1.48 ± 0.643 (0.973)	pCi/L		10/29/21 15:10	
92563306024	**GWC-15**					
EPA 9315	Radium-226	0.535 ± 0.198 (0.241) C:94% T:NA	pCi/L		10/29/21 06:36	
EPA 9320	Radium-228	1.10 ± 0.489 (0.815) C:67% T:91%	pCi/L		10/13/21 14:05	
Total Radium Calculation	Total Radium	1.64 ± 0.687 (1.06)	pCi/L		10/29/21 15:10	
92563306025	**EB-1**					
EPA 9315	Radium-226	0.0443 ± 0.0907 (0.211) C:99% T:NA	pCi/L		10/29/21 06:36	

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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563306025	**EB-1**					
EPA 9320	Radium-228	0.518 ± 0.400 (0.785) C:65% T:91%	pCi/L		10/13/21 14:10	
Total Radium Calculation	Total Radium	0.562 ± 0.491 (0.996)	pCi/L		10/29/21 15:10	
92563306026	**DUP-1**					
EPA 9315	Radium-226	1.36 ± 0.334 (0.203) C:98% T:NA	pCi/L		10/26/21 08:06	
EPA 9320	Radium-228	1.66 ± 0.525 (0.637) C:71% T:88%	pCi/L		10/13/21 14:04	
Total Radium Calculation	Total Radium	3.02 ± 0.859 (0.840)	pCi/L		10/26/21 16:00	
92563306027	**EB-2**					
EPA 9315	Radium-226	-0.0218 ± 0.0879 (0.246) C:99% T:NA	pCi/L		10/26/21 08:07	
EPA 9320	Radium-228	0.512 ± 0.440 (0.894) C:67% T:93%	pCi/L		10/13/21 14:11	
Total Radium Calculation	Total Radium	0.512 ± 0.528 (1.14)	pCi/L		10/26/21 16:00	
92563306028	**FB-2**					
EPA 9315	Radium-226	0.0848 ± 0.107 (0.226) C:94% T:NA	pCi/L		10/26/21 08:07	
EPA 9320	Radium-228	0.276 ± 0.402 (0.865) C:69% T:85%	pCi/L		10/13/21 14:11	
Total Radium Calculation	Total Radium	0.361 ± 0.509 (1.09)	pCi/L		10/26/21 16:00	
92563306029	**DUP-2**					
EPA 9315	Radium-226	0.269 ± 0.145 (0.223) C:97% T:NA	pCi/L		10/26/21 08:08	

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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563306029	**DUP-2**					
EPA 9320	Radium-228	0.764 ± 0.476 (0.896) C:66% T:84%	pCi/L		10/13/21 14:11	
Total Radium Calculation	Total Radium	1.03 ± 0.621 (1.12)	pCi/L		10/26/21 16:00	
92563306030	**EB-3**					
EPA 9315	Radium-226	0.0454 ± 0.114 (0.270) C:94% T:NA	pCi/L		10/26/21 08:08	
EPA 9320	Radium-228	1.13 ± 0.553 (0.970) C:68% T:80%	pCi/L		10/13/21 14:11	
Total Radium Calculation	Total Radium	1.18 ± 0.667 (1.24)	pCi/L		10/26/21 16:00	
92563306031	**FB-3**					
EPA 9315	Radium-226	0.0756 ± 0.104 (0.223) C:94% T:NA	pCi/L		10/26/21 08:08	
EPA 9320	Radium-228	0.189 ± 0.412 (0.911) C:67% T:85%	pCi/L		10/13/21 14:11	
Total Radium Calculation	Total Radium	0.265 ± 0.516 (1.13)	pCi/L		10/26/21 16:00	
92563306032	**DUP-3**					
EPA 9315	Radium-226	0.284 ± 0.145 (0.210) C:94% T:NA	pCi/L		10/26/21 08:10	
EPA 9320	Radium-228	1.14 ± 0.513 (0.860) C:67% T:87%	pCi/L		10/13/21 14:11	
Total Radium Calculation	Total Radium	1.42 ± 0.658 (1.07)	pCi/L		10/26/21 16:00	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWA-7 **Lab ID: 92563306001** Collected: 09/21/21 09:55 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**1.29 ± 0.687 (1.14) C:96% T:NA**	pCi/L	10/29/21 06:53	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**8.96 ± 1.89 (1.23) C:62% T:91%**	pCi/L	10/07/21 14:30	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**10.3 ± 2.58 (2.37)**	pCi/L	10/29/21 15:19	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWB-4R **Lab ID: 92563306002** Collected: 09/21/21 14:45 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**1.14 ± 0.298 (0.257) C:94% T:NA**	pCi/L	10/29/21 06:54	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.31 ± 0.657 (1.19) C:60% T:92%**	pCi/L	10/07/21 14:30	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.45 ± 0.955 (1.45)**	pCi/L	10/29/21 15:19	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWB-5R **Lab ID: 92563306003** Collected: 09/21/21 12:35 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**1.92 ± 0.408 (0.196)** **C:98% T:NA**	pCi/L	10/29/21 06:54	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.18 ± 0.825 (1.59)** **C:64% T:89%**	pCi/L	10/07/21 19:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**3.10 ± 1.23 (1.79)**	pCi/L	10/29/21 15:19	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWB-6R **Lab ID: 92563306004** Collected: 09/21/21 11:15 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**1.81 ± 0.747 (0.944) C:87% T:NA**	pCi/L	10/29/21 06:54	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**3.26 ± 1.15 (1.65) C:66% T:89%**	pCi/L	10/07/21 19:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**5.07 ± 1.90 (2.59)**	pCi/L	10/29/21 15:19	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: MW-26D **Lab ID: 92563306005** Collected: 09/21/21 13:45 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.452 ± 0.190 (0.190) C:96% T:NA**	pCi/L	10/19/21 09:31	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.363 ± 0.724 (1.59) C:62% T:87%**	pCi/L	10/07/21 19:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.815 ± 0.914 (1.78)**	pCi/L	10/20/21 17:24	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: MW-27D **Lab ID: 92563306006** Collected: 09/21/21 16:15 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.423 ± 0.177 (0.246)** **C:97% T:NA**	pCi/L	10/29/21 06:54	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.170 ± 0.808 (1.83)** **C:63% T:89%**	pCi/L	10/07/21 19:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.593 ± 0.985 (2.08)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWA-8 **Lab ID: 92563306007** Collected: 09/21/21 09:45 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.730 ± 0.250 (0.323) C:84% T:NA**	pCi/L	10/29/21 06:55	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**-0.133 ± 0.655 (1.57) C:64% T:81%**	pCi/L	10/07/21 19:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.730 ± 0.905 (1.89)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWC-11 **Lab ID: 92563306008** Collected: 09/21/21 12:40 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**2.79 ± 0.551 (0.339) C:97% T:NA**	pCi/L	10/29/21 06:30	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.56 ± 0.874 (1.56) C:60% T:85%**	pCi/L	10/07/21 19:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**4.35 ± 1.43 (1.90)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWC-12 **Lab ID: 92563306009** Collected: 09/21/21 10:57 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.806 ± 0.234 (0.208)** **C:98% T:NA**	pCi/L	10/29/21 06:30	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.429 ± 0.739 (1.61)** **C:60% T:92%**	pCi/L	10/07/21 19:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.24 ± 0.973 (1.82)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWC-13 **Lab ID: 92563306010** Collected: 09/21/21 16:20 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.740 ± 0.227 (0.186)** **C:94% T:NA**	pCi/L	10/29/21 06:31	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.35 ± 0.926 (1.78)** **C:61% T:83%**	pCi/L	10/07/21 19:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.09 ± 1.15 (1.97)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWC-22 **Lab ID: 92563306011** Collected: 09/21/21 14:00 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.753 ± 0.233 (0.205)** **C:92% T:NA**	pCi/L	10/29/21 06:31	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.501 ± 0.782 (1.69)** **C:63% T:82%**	pCi/L	10/07/21 19:46	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.25 ± 1.02 (1.90)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: FB-1 **Lab ID: 92563306012** Collected: 09/21/21 09:45 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**-0.0135 ± 0.0670 (0.196) C:97% T:NA**	pCi/L	10/29/21 06:31	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.230 ± 0.808 (1.82) C:60% T:89%**	pCi/L	10/07/21 19:46	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.230 ± 0.875 (2.02)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWC-2 **Lab ID: 92563306013** Collected: 09/22/21 14:38 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.146 ± 0.110 (0.194)** **C:96% T:NA**	pCi/L	10/29/21 06:35	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.623 ± 0.708 (1.48)** **C:60% T:91%**	pCi/L	10/07/21 19:46	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.769 ± 0.818 (1.67)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWC-9 **Lab ID: 92563306014** Collected: 09/22/21 13:03 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.874 ± 0.240 (0.152) C:95% T:NA**	pCi/L	10/29/21 06:35	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.21 ± 0.948 (1.89) C:58% T:88%**	pCi/L	10/07/21 19:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.08 ± 1.19 (2.04)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWC-14 **Lab ID: 92563306015** Collected: 09/22/21 16:10 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.342 ± 0.167 (0.261) C:100% T:NA**	pCi/L	10/29/21 06:36	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.60 ± 0.944 (1.76) C:62% T:85%**	pCi/L	10/07/21 19:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.94 ± 1.11 (2.02)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWC-16 **Lab ID: 92563306016** Collected: 09/22/21 11:00 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**1.34 ± 0.319 (0.189) C:101% T:NA**	pCi/L	10/29/21 06:36	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.72 ± 0.865 (1.51) C:65% T:89%**	pCi/L	10/07/21 19:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**3.06 ± 1.18 (1.70)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWC-17 **Lab ID: 92563306017** Collected: 09/22/21 12:00 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.987 ± 0.283 (0.309)** **C:97% T:NA**	pCi/L	10/29/21 06:36	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.37 ± 0.835 (1.56)** **C:64% T:91%**	pCi/L	10/07/21 19:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.36 ± 1.12 (1.87)**	pCi/L	10/29/21 15:10	7440-14-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWC-20 **Lab ID: 92563306018** Collected: 09/22/21 14:05 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**2.30 ± 0.457 (0.172) C:103% T:NA**	pCi/L	11/08/21 15:32	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**4.54 ± 1.31 (1.58) C:64% T:92%**	pCi/L	10/07/21 19:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**6.84 ± 1.77 (1.75)**	pCi/L	11/10/21 10:17	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWC-21 **Lab ID: 92563306019** Collected: 09/22/21 09:40 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.378 ± 0.161 (0.204) C:96% T:NA**	pCi/L	10/29/21 06:36	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.581 ± 0.409 (0.789) C:67% T:87%**	pCi/L	10/13/21 14:05	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.959 ± 0.570 (0.993)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: MW-23D **Lab ID: 92563306020** Collected: 09/22/21 16:00 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.539 ± 0.190 (0.198) C:92% T:NA**	pCi/L	10/29/21 06:36	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.858 ± 0.470 (0.842) C:67% T:82%**	pCi/L	10/13/21 14:05	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.40 ± 0.660 (1.04)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: MW-24D **Lab ID: 92563306021** Collected: 09/22/21 12:25 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.305 ± 0.167 (0.283) C:96% T:NA**	pCi/L	10/29/21 06:36	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.677 ± 0.470 (0.908) C:64% T:83%**	pCi/L	10/13/21 14:05	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.982 ± 0.637 (1.19)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: MW-25D **Lab ID: 92563306022** Collected: 09/23/21 10:05 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.257 ± 0.145 (0.225) C:94% T:NA**	pCi/L	10/29/21 06:36	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.896 ± 0.415 (0.682) C:69% T:87%**	pCi/L	10/13/21 14:05	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.15 ± 0.560 (0.907)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWC-1 **Lab ID: 92563306023** Collected: 09/23/21 09:10 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.503 ± 0.185 (0.207) C:95% T:NA**	pCi/L	10/29/21 06:36	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.976 ± 0.458 (0.766) C:69% T:85%**	pCi/L	10/13/21 14:05	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.48 ± 0.643 (0.973)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWC-15 **Lab ID: 92563306024** Collected: 09/23/21 08:55 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.535 ± 0.198 (0.241)** **C:94% T:NA**	pCi/L	10/29/21 06:36	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.10 ± 0.489 (0.815)** **C:67% T:91%**	pCi/L	10/13/21 14:05	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.64 ± 0.687 (1.06)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: EB-1 **Lab ID: 92563306025** Collected: 09/21/21 11:25 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.0443 ± 0.0907 (0.211) C:99% T:NA**	pCi/L	10/29/21 06:36	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.518 ± 0.400 (0.785) C:65% T:91%**	pCi/L	10/13/21 14:10	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.562 ± 0.491 (0.996)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: DUP-1 **Lab ID: 92563306026** Collected: 09/21/21 00:00 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**1.36 ± 0.334 (0.203) C:98% T:NA**	pCi/L	10/26/21 08:06	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.66 ± 0.525 (0.637) C:71% T:88%**	pCi/L	10/13/21 14:04	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**3.02 ± 0.859 (0.840)**	pCi/L	10/26/21 16:00	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: EB-2 **Lab ID: 92563306027** Collected: 09/22/21 08:45 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**-0.0218 ± 0.0879 (0.246) C:99% T:NA**	pCi/L	10/26/21 08:07	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.512 ± 0.440 (0.894) C:67% T:93%**	pCi/L	10/13/21 14:11	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.512 ± 0.528 (1.14)**	pCi/L	10/26/21 16:00	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: FB-2 **Lab ID: 92563306028** Collected: 09/22/21 12:40 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.0848 ± 0.107 (0.226) C:94% T:NA**	pCi/L	10/26/21 08:07	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.276 ± 0.402 (0.865) C:69% T:85%**	pCi/L	10/13/21 14:11	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.361 ± 0.509 (1.09)**	pCi/L	10/26/21 16:00	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: DUP-2 **Lab ID: 92563306029** Collected: 09/22/21 00:00 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.269 ± 0.145 (0.223) C:97% T:NA**	pCi/L	10/26/21 08:08	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.764 ± 0.476 (0.896) C:66% T:84%**	pCi/L	10/13/21 14:11	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.03 ± 0.621 (1.12)**	pCi/L	10/26/21 16:00	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: EB-3 **Lab ID: 92563306030** Collected: 09/23/21 09:00 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.0454 ± 0.114 (0.270)** **C:94% T:NA**	pCi/L	10/26/21 08:08	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.13 ± 0.553 (0.970)** **C:68% T:80%**	pCi/L	10/13/21 14:11	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.18 ± 0.667 (1.24)**	pCi/L	10/26/21 16:00	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: FB-3 **Lab ID: 92563306031** Collected: 09/22/21 13:15 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.0756 ± 0.104 (0.223)** **C:94% T:NA**	pCi/L	10/26/21 08:08	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.189 ± 0.412 (0.911)** **C:67% T:85%**	pCi/L	10/13/21 14:11	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.265 ± 0.516 (1.13)**	pCi/L	10/26/21 16:00	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: DUP-3 **Lab ID: 92563306032** Collected: 09/22/21 00:00 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.284 ± 0.145 (0.210)** **C:94% T:NA**	pCi/L	10/26/21 08:10	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.14 ± 0.513 (0.860)** **C:67% T:87%**	pCi/L	10/13/21 14:11	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.42 ± 0.658 (1.07)**	pCi/L	10/26/21 16:00	7440-14-4	

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(770)734-4200

QUALITY CONTROL - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

QC Batch: 466957 | Analysis Method: EPA 9315
QC Batch Method: EPA 9315 | Analysis Description: 9315 Total Radium
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 92563306001, 92563306002, 92563306003, 92563306004, 92563306005

METHOD BLANK: 2255015 | Matrix: Water
Associated Lab Samples: 92563306001, 92563306002, 92563306003, 92563306004, 92563306005

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.0260 ± 0.142 (0.353) C:102% T:NA	pCi/L	10/19/21 08:55	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

QC Batch: 466416 | Analysis Method: EPA 9320
QC Batch Method: EPA 9320 | Analysis Description: 9320 Radium 228
Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 92563306019, 92563306020, 92563306021, 92563306022, 92563306023, 92563306024, 92563306025, 92563306026, 92563306027, 92563306028, 92563306029, 92563306030, 92563306031, 92563306032

METHOD BLANK: 2252287 | Matrix: Water

Associated Lab Samples: 92563306019, 92563306020, 92563306021, 92563306022, 92563306023, 92563306024, 92563306025, 92563306026, 92563306027, 92563306028, 92563306029, 92563306030, 92563306031, 92563306032

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.590 ± 0.393 (0.739) C:68% T:79%	pCi/L	10/13/21 14:18	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

QC Batch: 466960 | Analysis Method: EPA 9315
QC Batch Method: EPA 9315 | Analysis Description: 9315 Total Radium
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 92563306026, 92563306027, 92563306028, 92563306029, 92563306030, 92563306031, 92563306032

METHOD BLANK: 2255021 | Matrix: Water
Associated Lab Samples: 92563306026, 92563306027, 92563306028, 92563306029, 92563306030, 92563306031, 92563306032

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	-0.00590 ± 0.0681 (0.193) C:98% T:NA	pCi/L	10/26/21 08:06	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

QC Batch: 466958 | Analysis Method: EPA 9315
QC Batch Method: EPA 9315 | Analysis Description: 9315 Total Radium
Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 92563306006, 92563306007, 92563306008, 92563306009, 92563306010, 92563306011, 92563306012, 92563306013, 92563306014, 92563306015, 92563306016, 92563306017, 92563306018, 92563306019, 92563306020, 92563306021, 92563306022, 92563306023, 92563306024, 92563306025

METHOD BLANK: 2255017 | Matrix: Water

Associated Lab Samples: 92563306006, 92563306007, 92563306008, 92563306009, 92563306010, 92563306011, 92563306012, 92563306013, 92563306014, 92563306015, 92563306016, 92563306017, 92563306018, 92563306019, 92563306020, 92563306021, 92563306022, 92563306023, 92563306024, 92563306025

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	-0.00458 ± 0.0824 (0.220) C:98% T:NA	pCi/L	10/29/21 06:54	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

QC Batch: 466414 | Analysis Method: EPA 9320
QC Batch Method: EPA 9320 | Analysis Description: 9320 Radium 228
Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 92563306001, 92563306002, 92563306003, 92563306004, 92563306005, 92563306006, 92563306007, 92563306008, 92563306009, 92563306010, 92563306011, 92563306012, 92563306013, 92563306014, 92563306015, 92563306016, 92563306017, 92563306018

METHOD BLANK: 2252282 | Matrix: Water

Associated Lab Samples: 92563306001, 92563306002, 92563306003, 92563306004, 92563306005, 92563306006, 92563306007, 92563306008, 92563306009, 92563306010, 92563306011, 92563306012, 92563306013, 92563306014, 92563306015, 92563306016, 92563306017, 92563306018

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.518 ± 0.384 (0.750) C:67% T:88%	pCi/L	10/07/21 11:23	

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QUALIFIERS

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92563306001	**GWA-7**	EPA 9315	466957		
92563306002	**GWB-4R**	EPA 9315	466957		
92563306003	**GWB-5R**	EPA 9315	466957		
92563306004	**GWB-6R**	EPA 9315	466957		
92563306005	**MW-26D**	EPA 9315	466957		
92563306006	**MW-27D**	EPA 9315	466958		
92563306007	**GWA-8**	EPA 9315	466958		
92563306008	**GWC-11**	EPA 9315	466958		
92563306009	**GWC-12**	EPA 9315	466958		
92563306010	**GWC-13**	EPA 9315	466958		
92563306011	**GWC-22**	EPA 9315	466958		
92563306012	**FB-1**	EPA 9315	466958		
92563306013	**GWC-2**	EPA 9315	466958		
92563306014	**GWC-9**	EPA 9315	466958		
92563306015	**GWC-14**	EPA 9315	466958		
92563306016	**GWC-16**	EPA 9315	466958		
92563306017	**GWC-17**	EPA 9315	466958		
92563306018	**GWC-20**	EPA 9315	466958		
92563306019	**GWC-21**	EPA 9315	466958		
92563306020	**MW-23D**	EPA 9315	466958		
92563306021	**MW-24D**	EPA 9315	466958		
92563306022	**MW-25D**	EPA 9315	466958		
92563306023	**GWC-1**	EPA 9315	466958		
92563306024	**GWC-15**	EPA 9315	466958		
92563306025	**EB-1**	EPA 9315	466958		
92563306026	**DUP-1**	EPA 9315	466960		
92563306027	**EB-2**	EPA 9315	466960		
92563306028	**FB-2**	EPA 9315	466960		
92563306029	**DUP-2**	EPA 9315	466960		
92563306030	**EB-3**	EPA 9315	466960		
92563306031	**FB-3**	EPA 9315	466960		
92563306032	**DUP-3**	EPA 9315	466960		
92563306001	**GWA-7**	EPA 9320	466414		
92563306002	**GWB-4R**	EPA 9320	466414		
92563306003	**GWB-5R**	EPA 9320	466414		
92563306004	**GWB-6R**	EPA 9320	466414		
92563306005	**MW-26D**	EPA 9320	466414		
92563306006	**MW-27D**	EPA 9320	466414		
92563306007	**GWA-8**	EPA 9320	466414		
92563306008	**GWC-11**	EPA 9320	466414		
92563306009	**GWC-12**	EPA 9320	466414		
92563306010	**GWC-13**	EPA 9320	466414		
92563306011	**GWC-22**	EPA 9320	466414		
92563306012	**FB-1**	EPA 9320	466414		
92563306013	**GWC-2**	EPA 9320	466414		
92563306014	**GWC-9**	EPA 9320	466414		
92563306015	**GWC-14**	EPA 9320	466414		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92563306016	**GWC-16**	EPA 9320	466414		
92563306017	**GWC-17**	EPA 9320	466414		
92563306018	**GWC-20**	EPA 9320	466414		
92563306019	**GWC-21**	EPA 9320	466416		
92563306020	**MW-23D**	EPA 9320	466416		
92563306021	**MW-24D**	EPA 9320	466416		
92563306022	**MW-25D**	EPA 9320	466416		
92563306023	**GWC-1**	EPA 9320	466416		
92563306024	**GWC-15**	EPA 9320	466416		
92563306025	**EB-1**	EPA 9320	466416		
92563306026	**DUP-1**	EPA 9320	466416		
92563306027	**EB-2**	EPA 9320	466416		
92563306028	**FB-2**	EPA 9320	466416		
92563306029	**DUP-2**	EPA 9320	466416		
92563306030	**EB-3**	EPA 9320	466416		
92563306031	**FB-3**	EPA 9320	466416		
92563306032	**DUP-3**	EPA 9320	466416		
92563306001	**GWA-7**	Total Radium Calculation	470463		
92563306002	**GWB-4R**	Total Radium Calculation	470463		
92563306003	**GWB-5R**	Total Radium Calculation	470463		
92563306004	**GWB-6R**	Total Radium Calculation	470463		
92563306005	**MW-26D**	Total Radium Calculation	469112		
92563306006	**MW-27D**	Total Radium Calculation	470456		
92563306007	**GWA-8**	Total Radium Calculation	470456		
92563306008	**GWC-11**	Total Radium Calculation	470456		
92563306009	**GWC-12**	Total Radium Calculation	470456		
92563306010	**GWC-13**	Total Radium Calculation	470456		
92563306011	**GWC-22**	Total Radium Calculation	470456		
92563306012	**FB-1**	Total Radium Calculation	470456		
92563306013	**GWC-2**	Total Radium Calculation	470456		
92563306014	**GWC-9**	Total Radium Calculation	470456		
92563306015	**GWC-14**	Total Radium Calculation	470456		
92563306016	**GWC-16**	Total Radium Calculation	470456		
92563306017	**GWC-17**	Total Radium Calculation	470456		
92563306018	**GWC-20**	Total Radium Calculation	471976		
92563306019	**GWC-21**	Total Radium Calculation	470456		
92563306020	**MW-23D**	Total Radium Calculation	470456		
92563306021	**MW-24D**	Total Radium Calculation	470456		
92563306022	**MW-25D**	Total Radium Calculation	470456		
92563306023	**GWC-1**	Total Radium Calculation	470456		
92563306024	**GWC-15**	Total Radium Calculation	470456		
92563306025	**EB-1**	Total Radium Calculation	470456		
92563306026	**DUP-1**	Total Radium Calculation	469889		
92563306027	**EB-2**	Total Radium Calculation	469889		
92563306028	**FB-2**	Total Radium Calculation	469889		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92563306029	**DUP-2**	Total Radium Calculation	469889		
92563306030	**EB-3**	Total Radium Calculation	469889		
92563306031	**FB-3**	Total Radium Calculation	469889		
92563306032	**DUP-3**	Total Radium Calculation	469889		

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Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☑ Kernersville ☐

Sample Condition Upon Receipt

Client Name: GA power

Project #: WO# : 92563306

92563306

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace ☐ Other: ____

Custody Seal Present? ☐ Yes ☑ No **Seals Intact?** ☐ Yes ☑ No

Date/Initials Person Examining Contents: MS 9/24/

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☑ Other

Biological Tissue Frozen? ☐ Yes ☑ No ☐ N/A

Thermometer: ☐ IR Gun ID: 230 ☑ IR ☐ Blue ☐ None

Type of Ice:

Cooler Temp: 5.3 **Correction Factor: Add/Subtract (°C)** ±0.1

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 5.4

USDA Regulated Soil (☐ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☑ No

Did samples originate from a foreign source (or international shipment)? (including Hawaii and Puerto Rico)? ☐ Yes ☑ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☑ Yes	☐ No	☐ N/A	8.
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: GW				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☐ No	☑ N/A	10.
Trip Blank Present?	☐ Yes	☐ No	☑ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☑ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers: ____

CLIENT NOTIFICATION/RESOLUTION

Person contacted: ____ Date/Time: ____

Project Manager SCURF Review: ____ **Date:** ____

Project Manager SRF Review: ____ **Date:** ____

Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 2 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace National Quality Office

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LL/Hg

****Bottom half of box is to list number of bottles**

Project # **WO# : 92563306**

PM: NHG Due Date: 10/15/21

CLIENT: GA-GA Power

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (CI-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP6N-125 mL Plastic H2SO4 (pH < 2) (CI-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (CI-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (CI-)	AG1H-1 liter Amber HCl (pH < 2)	AG2U-250 mL Amber Unpreserved (N/A) (CI-)	AG1N-1 liter Amber H2SO4 (pH < 2)	AG5N-250 mL Amber H2SO4 (pH < 2)	AG3S(DG/AG)-250 mL Amber NaHSO4 (N/A)(CI-)	DG9H-40 mL VOA HCl (N/A)	VG9U-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9M-40 mL VOA H2SO4 (N/A)	VG4X (8 vials per kit)-VOA Vials kit (N/A)	VJ5N (3 vials per kit)-VOA Vials kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - 144)	SP2T-250 mL Sterile Plastic (N/A - 144)	[illegible]	BP3N-250 mL Plastic (NaOH/ZnOH) (>9 - 9)	AG0U-100 mL Amber Unpreserved vials (N/A)	VG0U-20 mL Scintillation vials (N/A)	DG0Q-40 mL Amber Unpreserved vials (N/A)
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 2 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, Lu/Hg

****Bottom half of box is to list number of bottles**

Project # **WO# : 92563306**

PM: NMG Due Date: 10/15/21

CLIENT: GA-GA Power

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (0-)	BP2U-250 mL Plastic Unpreserved (N/A)	BP3U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (0-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic Zn Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (0-)	WGFU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (0-)	AG1H-1 liter Amber HCl (pH < 2)	AG5U-250 mL Amber Unpreserved (N/A) (0-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG5S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG)(3A)-40 mL Amber NaHSO (N/A)(0-)	DG9B-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VG9A (6 vials per kit)-5035 kit (N/A)	VG9D (3 vials per kit)-5035Dis kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – 5R)	SP2T-250 mL Sterile Plastic (N/A – 5R)	[illegible]	BP1N-250 mL Plastic (NH2)2SO4 (5.3-9.7)	AG0U-500 mL Amber Unpreserved vials (N/A)	VG0U-20 mL Scintillation vials (N/A)	DG0Q-40 mL Amber Unpreserved vials (N/A)
1																													
2																													
3																													
4																													
5																													
6																													
7																													
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9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 2 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, Lrng

****Bottom half of box is to list number of bottles**

Project # **WO# : 92563306**

PM: NHG Due Date: 10/15/21

CLIENT: GA-GA Power

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic Zn Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3U(DG18)-250 mL Amber NaHSO4 (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9B-40 mL VOA NaHSO4 (N/A)	VG9A [6 vials per kit]-VOA Met list (N/A)	VG9D [3 vials per kit]-VOA 524.2 list (N/A)	SP5T-125 mL Sterile Plastic (N/A - Int)	SP5T-250 mL Sterile Plastic (N/A - Int)	[illegible]	BP3A-250 mL Plastic (NH4)2SO4 (5.5-9.5)	AG0U-100 mL Amber Unpreserved vial s (N/A)	VG0U-20 mL Scintillation vials (N/A)	DG0U-40 mL Amber Unpreserved vials (N/A)
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11																												
12																												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

1 of 4

Page: 1 of 5 (15)

Section A Required Client Information:
Company: GA Power
Address: Atlanta, GA
Email To: SCS Contacts
Phone: Fax:
Requested Due Date/TAT: 10 day

Section B Required Project Information:
Report To: SCS Contacts
Copy To: ACC Contacts
Purchase Order No.:
Project Name: Grumman Road Landfill
Project Number:

Section C Invoice Information:
Attention: Southern Co.
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Kevin Herring
Pace Profile #: 10843

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☑ OTHER
Site Location STATE: GA

Section D Required Client Information — Valid Matrix Codes: WATER WT; WASTE WATER WW; PRODUCT P; SOLID/SOIL SL; OIL OL; WIPE WP; AIR AIR; OTHER OT; TISSUE TS

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start Date	Composite Start Time	Composite Endings Date	Composite Endings Time	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$NaHSO_3$	NaS_2O_3	Methanol	Other	Analysis Test ↓	Requested Analysis Filtered (Y/N)					Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	GWA-7	GW	G	9/21/21	955	—	—		5	✓		✓								✓	✓	✓	✓			Field pH = 6.03
2	GWB-4R	GW	G	9/21/21	1145	—	—		5	✓		✓								✓	✓	✓	✓			Field pH = 5.78
3	GWB-5R	GW	G	9/21/21	1235	—	—		4	✓		✓								A	✓	✓	✓			Field pH = 4.48
4	GWB-10R	GW	G	9/21/21	1115	—	—		5	✓		✓								✓	✓	✓	✓			Field pH = 5.90
5	MW-26D	GW	G	9/21/21	1045	—	—		5	✓		✓								✓	✓	✓	✓			Field pH = 5.35
6	MW-27D	GW	G	9/21/21	1145	—	—		5	✓		✓								✓	✓	✓	✓			Field pH = 5.97
7	GWA-8	GW	G	9/21/21	945	—	—		5	✓		✓								✓	✓	✓	✓			Field pH = 4.44
8	GWC-11	GW	G	9/21/21	1240	—	—		5	✓		✓								✓	✓	✓	✓			Field pH = 4.92
9	GWC-12	GW	G	9/21/21	1057	—	—		5	✓		✓								✓	✓	✓	✓			Field pH = 4.85
10	GWC-13	GW	G	9/21/21	1520	—	—		5	✓		✓								✓	✓	✓	✓			Field pH = 4.33
11	GWC-22	GW	G	9/21/21	1400	—	—		5	✓		✓								✓	✓	✓	✓			Field pH = 4.72
12	FB-1	GW	G	9/21/21	945	—	—		5	✓		✓								✓	✓	✓	✓			Field pH = NA

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Please note: when the last sample for the event has been taken	[signature]	9/29/21	0918	[signature]	9/29	0918	

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Aaron Smithers
SIGNATURE of SAMPLER: [signature] Date Signed (MM/DD/YY): 9/21/21 0918

Temp in °C | Received on Ice (Y/N) | Custody Seals Intact (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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Page: 2 of 5 RS

Section A (Required Client Information)
Company: GA Power
Address: Atlanta, GA
Email To: SCS Contacts
Phone: Fax:
Requested Due Date/TAT: 10 Day

Section B (Required Project Information)
Report To: SCS Contacts
Copy To: ACC Contacts
Purchase Order No.:
Project Name: Grumman Road Landfill
Project Number:

Section C (Invoice Information)
Attention: Southern Co.
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Kevin Herring
Pace Profile #: 10843

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☒ OTHER GA

Site Location STATE: GA

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information — SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	Matrix Code (see valid codes to left)	Sample Type (G=GRAB C=COMP)	Collected Composite Start Date	Collected Composite Start Time	Collected Composite End Date	Collected Composite End Time	Sample Temp at Collection	# of Containers	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test ↓	Total # of Containers	Chloride/Fluoride/Sulfate (300.0)	Pace 10 + 14 + Permit Metals *	BOD 5 DO DO									Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
																				N	N	N	N										
1	GWC-2	GW	G	9/22/21	1438	—	—		5	✓		✓								✓	✓	✓	✓										field pH = 4.71
2	GWC-4	GW	G	9/22/21	1303	—	—		5	✓		✓								✓	✓	✓	✓										field pH = 4.70
3	GWC-14	GW	G	9/22/21	1610	—	—		5	✓		✓								✓	✓	✓	✓										field pH = 5.76
4	GWC-16	GW	G	9/22/21	1100	—	—		5	✓		✓								✓	✓	✓	✓										field pH = 5.57
5	GWC-17	GW	G	9/22/21	1240	—	—		5	✓		✓								✓	✓	✓	✓										field pH = 4.63
6	GWC-20	GW	G	9/22/21	1405	—	—		5	✓		✓								✓	✓	✓	✓										field pH = 6.00
7	GWC-21	GW	G	9/22/21	940	—	—		5	✓		✓								✓	✓	✓	✓										field pH = 8.39
8	MW-23D	GW	G	9/22/21	1100	—	—		5	✓		✓								✓	✓	✓	✓										field pH = 6.37
9	MW-24D	GW	G	9/22/21	1225	—	—		5	✓		✓								✓	✓	✓	✓										field pH = 6.76
10	MW-25D	GW	G	9/23/21	1005	—	—		5	✓		✓								✓	✓	✓	✓										field pH = 6.21
11	GWC-1	GW	G	9/23/21	910	—	—		5	✓		✓								✓	✓	✓	✓										field pH = 6.66
12	GWC-15	GW	G	9/23/21	855	—	—		5	✓		✓								✓	✓	✓	✓										field pH = 6.48

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Leave note when the last sample for the event has been taken	[signature]	9/24/21	0918	[signature]	9/24	0918	
Metals—B, Ca, Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Li, Mn, Mo, Ni, Tl, V, Zn, Hg							

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: [signature]
SIGNATURE of SAMPLER: [signature]
DATE Signed (MM/DD/YY): 9/22/21 0918

Temp in °C | Received on Ice (Y/N) | Custody Seals Intact (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.0% per month for any invoices not paid within 30 days.

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 3 of 8 AS

Section A Required Client Information

Company: GA Power
Address: Atlanta, GA
Email To: SCS Contacts
Phone: Fax:
Requested Due Date/TAT: 10 Day

Section B Required Project Information

Report To: SCS Contacts
Copy To: ACC Contacts
Purchase Order No.:
Project Name: Grantman Road Landfill
Project Number:

Section C Invoice Information

Attention: Southern Co.
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Kevin Herring
Pace Profile #: 10843

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☒ OTHER GCR

Site Location STATE: GA

Section D Required Client Information

Valid Matrix Codes: WT Drinking Water; WW Water; SW Surface Water; P Product; SOLID Soil/Solid; OIL Oil; WIPE Wipe; LIQ Liquid; OTHER Other; TISSUE Tissue

Item #	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start Date	Composite Start Time	Composite Endpoint Date	Composite Endpoint Time	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test	Requested Analysis Filtered (Y/N)									Residual Chlorine (Y/N)	Pace Project No./Lab I.D.
																			Y/N	N	N	N							
1	EB-1 EB-1	W	G	9/21/21	1125	—	—		5	✓		✓							✓	✓	✓	✓							~~field pH =~~
2	DUP-1	W	G	9/21/21	—	—	—		5	✓		✓							✓	✓	✓	✓							~~field pH =~~
3	EB-2	W	G	9/22/21	845	—	—		5	✓		✓							✓	✓	✓	✓							~~field pH =~~
4	FB-2	W	G	9/22/21	1240	—	—		5	✓		✓							✓	✓	✓	✓							~~field pH =~~
5	Dup-2	W	G	9/22/21	—	—	—		5	✓		✓							✓	✓	✓	✓	✓						~~field pH =~~
6	EB-3	W	G	9/23/21	900	—	—		5	✓		✓							✓	✓	✓	✓	✓						~~field pH =~~
7	FB-3	W	G	9/23/21	1315	—	—		5	✓		✓							✓	✓	✓	✓	✓						~~field pH =~~
8	Dup-3	W	G	9/23/21	—	—	—		5	✓		✓							✓	✓	✓	✓	✓						~~field pH =~~
9																													field pH =
10																													field pH =
11																													field pH =
12																													field pH =

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Notice Note: when the last sample for the event has been taken.	[signature]	9/24/21	0918	[signature] / PACE	9/24	0918	

Values=N,C,S,H,A,B,Se,Hg,CN,Cr,Cr6,Pb,Ni,Ag,Sb,Cd,Zn,Cu,Mn,Se,Tl,V,Sn,Mg

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Anna Schulthess

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 9/21/21 ~~9/22~~

Temp in °C | Received on Ice (Y/N) | Custody Seals Intact (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page 4 of 5 AS

Section A
Required Client Information

Company: GA Power
Address: Atlanta, GA
Email To: SCS Contacts
Phone: Fax:
Requested Due Date/TAT: 10 Day

Section B
Required Project Information

Report To: SCS Contacts
Copy To: ACC Contacts
Purchase Order No.:
Project Name: Grumman Road Landfill
Project Number:

Section C
Invoice Information

Attention: Southern Co.
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Kevin Herring
Pace Profile #: 10843

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☒ OTHER

Site Location STATE: GA

Section D
Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AIR
TISSUE	TS

ITEM #	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END DATE	COLLECTED COMPOSITE END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test ↓	TSS	Dissolved Humic Substances (DHS)	Sp. Gr. (Air + Fecal Matter)	Fall Density	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
																		Requested Analysis Filtered (Y/N)			Y			
1	BWA-7	WT	G	9/22/21	9:05	—	—	4	1			✓									✓			field
2																								
3																								
4																								
5																								
6																								
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12																								

Pace Project No./ Lab I.D.: field Field pH = 9.18 Field pH = 9.18 Field pH = Field pH = Field pH = Field pH = Field pH = Field pH = Field pH = Field pH = Field pH = Field pH = Field pH =

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Please note: when the last sample for the week has been taken,	[signature]	9/22/21	0918	[signature]	9/22	0918	
Sample IDs: Cu, Zn, As, Ba, Be, Cd, Cr, Co, Pb, Ni, Se, Ag, Tl, V (Circle one)							

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Anya Schuitema

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 9/22/21 0944

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Quality Control Sample Performance Assessment

Quality Control Sample Performance Assessment

Analytical Results Marked "Yes" Are All Found Highlighted in Yellow

[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

Method Blank Information	
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[illegible]	[illegible]
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Laboratory Control Sample Information		
[illegible]	[illegible]	[illegible]
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Surrogate Recovery Information		
[illegible]	[illegible]	[illegible]
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Matrix Spike/Matrix Spike Duplicate Recovery Information		
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

[illegible]

Comments

[illegible]

Quality Control Sample Performance Assessment

Quality Control Sample Performance Assessment

Quality Control Sample Performance Assessment

[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

Quality Control Sample Performance Assessment

Quality Control Sample Performance Assessment

LEVEL 2A LABORATORY DATA VALIDATIONS

Grumman Road

Semiannual Event

September 2021

Georgia Power Company – Grumman Road

Quality Control Review of Analytical Data – September 2021

This narrative presents results of the Quality Control (QC) data review performed on analytical data submitted by Pace Analytical Services, Asheville, Atlanta, Charlotte, and Pittsburgh for groundwater samples collected at Grumman Road between September 21, 2021 and September 23, 2021. The chemical data were reviewed to identify quality issues which could affect the use of the data for decision-making purposes.

Information regarding the primary sample locations, analytical parameters, QC samples, sampling dates, and laboratory sample delivery group (SDG) designations is summarized in Table 1 of this Appendix.

In accordance with groundwater monitoring and corrective action procedures discussed in Title 40 CFR, Subpart D – Standards for the Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments, the samples were analyzed for detected monitoring constituents listed in 40 CFR, Part 257, Appendix III and assessment monitoring constituents listed in 40 CFR, Part 257, Appendix IV. Test methods included Inductively Coupled Plasma (USEPA 6010D), Inductively Coupled Plasma – Mass Spectrometry (USEPA Method 6020B), Mercury in Liquid Wastes (USEPA Method 7470A), Determination of Inorganic Anions (USEPA Method 300.0), Solids in Water (Standard Methods 2540C), Radium-226 (USEPA 9315), and Radium-228 (USEPA Method 9320).

Data were reviewed in accordance with the USEPA Region IV Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy (September 2011, Rev. 2.0)[1] and the National Functional Guidelines for Inorganic Superfund Methods Data Review (January 2017)[2]. The review included an assessment of the results for completeness, precision (laboratory duplicate recoveries and matrix spike/matrix spike duplicate recoveries), accuracy (laboratory control samples and matrix spike samples), and blank contamination (field, equipment, and laboratory blanks). Sample receipt conditions, holding times, and chains of custody (COCs) were reviewed. Where there was a discrepancy between the QC criteria in the guidelines and the QC criterion established in the analytical methodology, method-specific criteria or professional judgment were used.

DATA QUALITY OBJECTIVES

Laboratory Precision: Laboratory goals for precision were met, with the exception of radium-226 on DUP-3 (92563306032) as described in the qualification section below.

Field Precision: Field goals for precision were met, with the exceptions of boron on GWC-21 (92563313019), radium-226 and radium-228 on GWB-4R (92563306002), and radium-228 on (92563306013) as described in the qualifications section below.

Accuracy: Laboratory goals for accuracy were met, with the exceptions of calcium from GWB-5R (92563313003), boron from GWB-4R (92563313002), fluoride from GWC-11 (92563313008), and fluoride from GWC-20 (92563313018) as described in the qualifications section below.

Detection Limits: Project goals for detection limits were met. Certain samples were diluted due to the concentration of target or non-target analyte interferences. Dilutions do not require qualifications based on USEPA guidelines. Reporting limits (RLs) of non-detect compounds are elevated proportional to the dilution when undiluted sample results were not provided by the laboratory. The data usability of diluted results was evaluated by the data user in the context of site-wide characterization.

Completeness: There were no rejected analytical results for this event, resulting in a completion of 100%.

Holding Times: Holding time requirements were met.

QUALIFICATIONS

In general, chemical results for the samples collected at the site were qualified on the basis of low precision or low accuracy or on the basis of professional judgment. The following definitions provide brief explanations of the qualifiers which may have been assigned to data by the laboratory during the validation process:

J: The analyte was positively identified above the method detection limit; however, the associated numerical value is the approximate concentration of the analyte in the sample

ND: The analyte was not detected above the method detection limit

The data generated as part of this sampling event met the QC criteria established in the respective analytical methods and data validation guidelines except as specified below. The applied qualifications may not have been required for all samples collected at the site. A summary of sample qualifications can be found in Table 2 of this Appendix.

- Samples GWC-21 (92563313019) and DUP-2 (92563313029) were qualified as estimated (J) for boron as the field relative percent difference (RPD) exceeded QC criteria (24.85% above limit of 20).

- Samples GWB-4R (92563306002) and DUP-1 (92563306026) were qualified as estimated (J) for radium-226 and radium-228 as the field RPDs exceeded QC criteria (23.48% and 60.54%, respectively, above limit of 20).

- Samples GWC-2 (92563306013) and DUP-3 (92563306032) were qualified as estimated (J) for radium-228 as the field RPD exceeded QC criteria (52.99% above limit of 20).

- Sample DUP-3 (92563306032) was qualified as estimated (J) for radium-226 as the lab RPD exceeded QC criteria (140.74% above limit of 25).

- Sample GWB-5R (92563313003) was qualified as estimated (J) for calcium as the associated matrix spike (MS) and matrix spike duplicate (MSD) recoveries were outside QC criteria (856% and 604% above the range of 75-125).

- Sample GWB-4R (92563313002) was qualified as estimated (J) for boron as the MS and MSD recoveries were outside QC criteria (51% and 55% below the range of 75-125).

- Sample GWC-11 (92563313008) was qualified as estimated (J) for fluoride as the MS and MSD recoveries were outside QC criteria (156% and 146% above the range of 90-110).

- Sample GWC-20 (92563313018) was qualified as estimated (J) for fluoride as the MSD recovery was outside QC criteria (114% above the range of 90-110).

- Certain Mercury results were qualified as non-detect (ND) due to the analyte(s) being detected at a similar concentration in an associated blank sample. As shown in Table 2, when the original sample result was below the RL, the method detection limit (MDL) was raised to the sample result as part of the qualification process.

Atlantic Coast Consulting, Inc. reviewed the laboratory data from Grumman Road sampled between September 21, 2021 and September 23, 2021 in accordance with the analytical methods, the laboratory-specified QC criteria, and the guidelines. As described above, the results were acceptable for project use.

REFERENCES

[1]USEPA, September 2011, Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy, Revision 2.0

[2]USEPA, January 2017, National Office of Superfund Remediation and Technology Innovation, National Functional Guidelines for Inorganic Superfund Methods Data Review, Revision 0.0

TABLE 1

Georgia Power Company – Grumman Road

Sample Summary Table – September 2021

						Analyses			
SDG	Field Identification	Collection Date	Lab Identification	Matrix	QC Samples	Metals (6010D, 6020B, 7470A)	Anions (300.0)	TDS (SM 2540C)	Radium-226/-228 (9315, 9320)
563313	GWA-7	9/21/2021	92563313001	GW		X	X	X	
563306	GWA-7	9/21/2021	92563306001	GW					X
563313	GWB-4R	9/21/2021	92563313002	GW		X	X	X	
563306	GWB-4R	9/21/2021	92563306002	GW					X
563313	GWB-5R	9/21/2021	92563313003	GW		X	X	X	
563306	GWB-5R	9/21/2021	92563306003	GW					X
563313	GWB-6R	9/21/2021	92563313004	GW		X	X	X	
563306	GWB-6R	9/21/2021	92563306004	GW					X
563313	MW-26D	9/21/2021	92563313005	GW		X	X	X	
563306	MW-26D	9/21/2021	92563306005	GW					X
563313	MW-27D	9/21/2021	92563313006	GW		X	X	X	
563306	MW-27D	9/21/2021	92563306006	GW					X
563313	GWA-8	9/21/2021	92563313007	GW		X	X	X	
563306	GWA-8	9/21/2021	92563306007	GW					X
563313	GWC-11	9/21/2021	92563313008	GW		X	X	X	
563306	GWC-11	9/21/2021	92563306008	GW					X
563313	GWC-12	9/21/2021	92563313009	GW		X	X	X	
563306	GWC-12	9/21/2021	92563306009	GW					X
563313	GWC-13	9/21/2021	92563313010	GW		X	X	X	
563306	GWC-13	9/21/2021	92563306010	GW					X
563313	GWC-22	9/21/2021	92563313011	GW		X	X	X	
563306	GWC-22	9/21/2021	92563306011	GW					X
563313	FB-1	9/21/2021	92563313012	WQ	FB	X	X	X	
563306	FB-1	9/21/2021	92563306012	WQ	FB				X

Abbreviations:
EB – Equipment Blank
FB – Field Blank
FD – Field Duplicate
GW – Groundwater
QC – Quality Control
TDS – Total Dissolved Solids
WQ – Water Quality Control

TABLE 1 (continued)

Georgia Power Company – Grumman Road

Sample Summary Table – September 2021

						Analyses			
SDG	Field Identification	Collection Date	Lab Identification	Matrix	QC Samples	Metals (6010D, 6020B, 7470A)	Anions (300.0)	TDS (SM 2540C)	Radium-226/-228 (9315, 9320)
563313	GWC-2	9/22/2021	92563313013	GW		X	X	X	
563306	GWC-2	9/22/2021	92563306013	GW					X
563313	GWC-9	9/22/2021	92563313014	GW		X	X	X	
563306	GWC-9	9/22/2021	92563306014	GW					X
563313	GWC-14	9/22/2021	92563313015	GW		X	X	X	
563306	GWC-14	9/22/2021	92563306015	GW					X
563313	GWC-16	9/22/2021	92563313016	GW		X	X	X	
563306	GWC-16	9/22/2021	92563306016	GW					X
563313	GWC-17	9/22/2021	92563313017	GW		X	X	X	
563306	GWC-17	9/22/2021	92563306017	GW					X
563313	GWC-20	9/22/2021	92563313018	GW		X	X	X	
563306	GWC-20	9/22/2021	92563306018	GW					X
563313	GWC-21	9/22/2021	92563313019	GW		X	X	X	
563306	GWC-21	9/22/2021	92563306019	GW					X
563313	MW-23D	9/22/2021	92563313020	GW		X	X	X	
563306	MW-23D	9/22/2021	92563306020	GW					X
563313	MW-24D	9/22/2021	92563313021	GW		X	X	X	
563306	MW-24D	9/22/2021	92563306021	GW					X
563313	MW-25D	9/23/2021	92563313022	GW		X	X	X	
563306	MW-25D	9/23/2021	92563306022	GW					X
563313	GWC-1	9/23/2021	92563313023	GW		X	X	X	
563306	GWC-1	9/23/2021	92563306023	GW					X
563313	GWC-15	9/23/2021	92563313024	GW		X	X	X	
563306	GWC-15	9/23/2021	92563306024	GW					X
563313	EB-1	9/21/2021	92563313025	WQ	EB	X	X	X	
563306	EB-1	9/21/2021	92563306025	WQ	EB				X

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TABLE 1 (continued)

Georgia Power Company – Grumman Road

Sample Summary Table – September 2021

						Analyses			
SDG	Field Identification	Collection Date	Lab Identification	Matrix	QC Samples	Metals (6010D, 6020B, 7470A)	Anions (300.0)	TDS (SM 2540C)	Radium-226/-228 (9315, 9320)
563313	DUP-1	9/21/2021	92563313026	GW	FD (GWB-4R)	X	X	X	
563306	DUP-1	9/21/2021	92563306026	GW	FD (GWB-4R)				X
563313	EB-2	9/22/2021	92563313027	WQ	EB	X	X	X	
563306	EB-2	9/22/2021	92563306027	WQ	EB				X
563313	FB-2	9/22/2021	92563313028	WQ	FB	X	X	X	
563306	FB-2	9/22/2021	92563306028	WQ	FB				X
563313	DUP-2	9/22/2021	92563313029	GW	FD (GWC-21)	X	X	X	
563306	DUP-2	9/22/2021	92563306029	GW	FD (GWC-21)				X
563313	EB-3	9/23/2021	92563313030	WQ	EB	X	X	X	
563306	EB-3	9/23/2021	92563306030	WQ	EB				X
563313	FB-3	9/22/2021	92563313031	WQ	FB	X	X	X	
563306	FB-3	9/22/2021	92563306031	WQ	FB				X
563313	DUP-3	9/22/2021	92563313032	GW	FD (GWC-2)	X	X	X	
563306	DUP-3	9/22/2021	92563306032	GW	FD (GWC-2)				X
563313	GWA-7	9/21/2021	92563313033	GW		X			

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TDS – Total Dissolved Solids
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TABLE 2

Georgia Power Company – Grumman Road

Qualifier Summary Table – September 2021

SDG	Field Identification	Constituent	New RL	New MDL or MDC	Qualifier	Reason
563313	GWB-4R	Boron			J	MS/MSD outside QC criteria
563313	GWB-5R	Calcium			J	MS/MSD outside QC criteria
563313	GWC-11	Fluoride			J	MS/MSD outside QC criteria
563313	GWC-20	Fluoride			J	MSD outside QC criteria
563313	GWA-7	Mercury		0.00010	ND	Blank detection
563313	GWB-4R	Mercury		0.00010	ND	Blank detection
563313	GWB-5R	Mercury		0.00010	ND	Blank detection
563313	GWB-6R	Mercury		0.00010	ND	Blank detection
563313	MW-26D	Mercury		0.00010	ND	Blank detection
563313	MW-27D	Mercury		0.00011	ND	Blank detection
563313	GWA-8	Mercury		0.00011	ND	Blank detection
563313	GWC-11	Mercury		0.00010	ND	Blank detection
563313	GWC-12	Mercury		0.00010	ND	Blank detection
563313	GWC-13	Mercury		0.00010	ND	Blank detection
563313	GWC-22	Mercury		0.00010	ND	Blank detection
563313	GWC-2	Mercury		0.00010	ND	Blank detection
563313	GWC-9	Mercury		0.00011	ND	Blank detection
563313	GWC-14	Mercury		0.00011	ND	Blank detection
563313	GWC-16	Mercury		0.00010	ND	Blank detection
563313	GWC-17	Mercury		0.00011	ND	Blank detection
563313	GWC-20	Mercury		0.00011	ND	Blank detection
563313	GWC-21	Mercury		0.00011	ND	Blank detection
563313	MW-23D	Mercury		0.00011	ND	Blank detection
563313	MW-24D	Mercury		0.00010	ND	Blank detection
563313	MW-25D	Mercury		0.00010	ND	Blank detection
563313	GWC-1	Mercury		0.00010	ND	Blank detection
563313	GWC-15	Mercury		0.00010	ND	Blank detection
563313	GWC-21	Boron			J	RPD exceeds field goal
563313	DUP-2	Boron			J	RPD exceeds field goal
563306	GWB-4R	Radium-226			J	RPD exceeds field goal
563306	DUP-1	Radium-226			J	RPD exceeds field goal
563306	GWB-4R	Radium-228			J	RPD exceeds field goal
563306	DUP-1	Radium-228			J	RPD exceeds field goal

Abbreviations:
MDC – Minimum Detectable Concentration
MS/MSD – Matrix Spike / Matrix Spike Duplicate
MDL – Method Detection Limit
RL – Reporting Limit
RPD – Relative Percent Difference
SDG – Sample Delivery Group
TDS – Total Dissolved Solids

Qualifiers:
J – Estimated Result
ND – Non-Detect Result

TABLE 2 (continued)

Georgia Power Company – Grumman Road

Qualifier Summary Table – September 2021

SDG	Field Identification	Constituent	New RL	New MDL or MDC	Qualifier	Reason
563306	GWC-2	Radium-228			J	RPD exceeds field goal
563306	DUP-3	Radium-228			J	RPD exceeds field goal
563306	DUP-3	Radium-226			J	RPD exceeds lab goal

Abbreviations:
MDC – Minimum Detectable Concentration
MS/MSD – Matrix Spike / Matrix Spike Duplicate
MDL – Method Detection Limit
RL – Reporting Limit
RPD – Relative Percent Difference
SDG – Sample Delivery Group
TDS – Total Dissolved Solids

Qualifiers:
J – Estimated Result
ND – Non-Detect Result

Low-Flow Test Report:

Test Date / Time: 9/21/2021 9:25:08 AM
Project: Grumman Rd
Operator Name: A. Schnittker

Location Name: GWA-7 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 5 ft** **Top of Screen: 16.2 ft** **Total Depth: 21.2 ft** **Initial Depth to Water: 4.98 ft**	**Pump Type: Peri. Pump** **Tubing Type: Poly** **Pump Intake From TOC: 18.5 ft** **Estimated Total Volume Pumped: 6.8 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 225 ml/min** **Final Draw Down: 5 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 714302**

Test Notes:
Sample Time 955. Dissolved metals. Overcast 70.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
9/21/2021 9:25 AM	00:00	6.06 pH	25.91 °C	1,419.8 µS/cm	0.17 mg/L	14.80 NTU	-76.6 mV	4.98 ft	225.00 ml/min
9/21/2021 9:30 AM	05:00	6.04 pH	25.46 °C	1,416.3 µS/cm	0.10 mg/L	11.90 NTU	-83.4 mV	5.40 ft	225.00 ml/min
9/21/2021 9:35 AM	10:00	6.04 pH	25.04 °C	1,416.4 µS/cm	0.08 mg/L	16.80 NTU	-82.1 mV	5.40 ft	225.00 ml/min
9/21/2021 9:40 AM	15:00	6.03 pH	24.61 °C	1,427.8 µS/cm	0.07 mg/L	19.70 NTU	-113.2 mV	5.40 ft	225.00 ml/min
9/21/2021 9:45 AM	20:00	6.03 pH	24.42 °C	1,435.8 µS/cm	0.06 mg/L	67.00 NTU	-72.5 mV	5.40 ft	225.00 ml/min
9/21/2021 9:50 AM	25:00	6.03 pH	24.32 °C	1,462.4 µS/cm	0.06 mg/L	98.00 NTU	-68.9 mV	5.40 ft	225.00 ml/min
9/21/2021 9:55 AM	30:00	6.03 pH	24.26 °C	1,490.1 µS/cm	0.05 mg/L	103.00 NTU	-66.1 mV	5.40 ft	225.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/21/2021 9:10:03 AM
Project: Grumman Rd
Operator Name: Z Davis

Location Name: GWA-8 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 5 ft** **Top of Screen: 15.9 ft** **Total Depth: 20.9 ft** **Initial Depth to Water: 5.34 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 18.4 ft** **Estimated Total Volume Pumped: 6.9 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 230 ml/min** **Final Draw Down: 16 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 714293**

Test Notes:
Sampled at 0945. Cloudy, 70s. FB-01 taken here at 0950 with lab provided DI water.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 100	+/- 100	+/- 1	
9/21/2021 9:10 AM	00:00	4.84 pH	25.04 °C	317.18 µS/cm	5.99 mg/L	1.04 NTU	130.0 mV	6.20 ft	230.00 ml/min
9/21/2021 9:15 AM	05:09	4.78 pH	24.86 °C	209.00 µS/cm	0.29 mg/L	2.36 NTU	101.8 mV	6.30 ft	230.00 ml/min
9/21/2021 9:20 AM	10:09	4.74 pH	24.74 °C	212.81 µS/cm	0.22 mg/L	6.88 NTU	94.2 mV	6.50 ft	230.00 ml/min
9/21/2021 9:25 AM	15:09	4.60 pH	24.80 °C	234.16 µS/cm	0.19 mg/L	8.65 NTU	89.0 mV	6.50 ft	230.00 ml/min
9/21/2021 9:30 AM	20:09	4.50 pH	24.72 °C	257.83 µS/cm	0.17 mg/L	9.46 NTU	84.7 mV	6.50 ft	230.00 ml/min
9/21/2021 9:35 AM	25:09	4.47 pH	24.69 °C	267.61 µS/cm	0.16 mg/L	5.55 NTU	81.9 mV	6.60 ft	230.00 ml/min
9/21/2021 9:40 AM	30:09	4.44 pH	24.64 °C	275.58 µS/cm	0.15 mg/L	3.72 NTU	79.8 mV	6.60 ft	230.00 ml/min
9/21/2021 9:43 AM	33:35	4.44 pH	24.61 °C	279.29 µS/cm	0.15 mg/L	3.00 NTU	78.7 mV	6.60 ft	230.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/21/2021 2:15:25 PM
Project: Grumman Rd
Operator Name: A. Schnittker

Location Name: GWB-4R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 5 ft** **Top of Screen: 22 ft** **Total Depth: 27 ft** **Initial Depth to Water: 13.2 ft**	**Pump Type: Peri. Pump** **Tubing Type: Poly** **Pump Intake From TOC: 25 ft** **Estimated Total Volume Pumped: 5.1 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 170 ml/min** **Final Draw Down: 6 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 714302**

Test Notes:
Sample time 1445. Overcast 80

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
9/21/2021 2:15 PM	00:00	5.82 pH	26.83 °C	644.76 µS/cm	1.50 mg/L	3.28 NTU	52.3 mV	13.20 ft	170.00 ml/min
9/21/2021 2:20 PM	05:00	5.82 pH	24.54 °C	681.06 µS/cm	0.17 mg/L	2.69 NTU	35.0 mV	13.60 ft	170.00 ml/min
9/21/2021 2:25 PM	10:00	5.82 pH	24.37 °C	687.13 µS/cm	0.12 mg/L	2.27 NTU	31.7 mV	13.60 ft	170.00 ml/min
9/21/2021 2:30 PM	15:00	5.79 pH	24.24 °C	700.38 µS/cm	0.11 mg/L	1.57 NTU	25.0 mV	13.60 ft	170.00 ml/min
9/21/2021 2:35 PM	20:00	5.78 pH	24.23 °C	704.84 µS/cm	0.10 mg/L	1.87 NTU	21.8 mV	13.70 ft	170.00 ml/min
9/21/2021 2:40 PM	25:00	5.77 pH	24.25 °C	708.22 µS/cm	0.09 mg/L	1.66 NTU	22.1 mV	13.70 ft	170.00 ml/min
9/21/2021 2:45 PM	30:00	5.78 pH	24.33 °C	709.38 µS/cm	0.08 mg/L	1.45 NTU	23.1 mV	13.70 ft	170.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/21/2021 12:05:05 PM
Project: Grumman Rd
Operator Name: A. Schnittker

Location Name: GWB-5R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 5 ft** **Top of Screen: 16.5 ft** **Total Depth: 26.5 ft** **Initial Depth to Water: 8.54 ft**	**Pump Type: Peri. Pump** **Tubing Type: Poly** **Pump Intake From TOC: 24 ft** **Estimated Total Volume Pumped: 6 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 6 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 714302**

Test Notes:
Sample time 1235. Overcast 70.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
9/21/2021 12:05 PM	00:00	4.67 pH	25.77 °C	1,411.4 µS/cm	0.20 mg/L	3.41 NTU	41.8 mV	8.54 ft	200.00 ml/min
9/21/2021 12:10 PM	05:00	4.68 pH	25.09 °C	1,533.2 µS/cm	0.12 mg/L	2.80 NTU	35.6 mV	9.00 ft	200.00 ml/min
9/21/2021 12:15 PM	10:00	4.68 pH	25.12 °C	1,578.0 µS/cm	0.10 mg/L	2.45 NTU	37.3 mV	9.00 ft	200.00 ml/min
9/21/2021 12:20 PM	15:00	4.68 pH	25.18 °C	1,575.1 µS/cm	0.09 mg/L	1.10 NTU	35.6 mV	9.00 ft	200.00 ml/min
9/21/2021 12:25 PM	20:00	4.68 pH	25.15 °C	1,580.1 µS/cm	0.08 mg/L	1.78 NTU	34.3 mV	9.00 ft	200.00 ml/min
9/21/2021 12:30 PM	25:00	4.68 pH	24.90 °C	1,591.6 µS/cm	0.08 mg/L	2.11 NTU	30.8 mV	9.00 ft	200.00 ml/min
9/21/2021 12:35 PM	30:00	4.68 pH	24.87 °C	1,574.7 µS/cm	0.08 mg/L	2.37 NTU	29.6 mV	9.00 ft	200.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 9/21/2021 10:40:11 AM
Project: Grumman Rd
Operator Name: A. Schnittker

Location Name: GWB-6R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 5 ft** **Top of Screen: 17.7 ft** **Total Depth: 22.7 ft** **Initial Depth to Water: 5.58 ft**	**Pump Type: Peri. Pump** **Tubing Type: Poly** **Pump Intake From TOC: 20 ft** **Estimated Total Volume Pumped: 7 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 3 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 714302**

Test Notes:
Sample time 1115. Overcast 70. EB-1 here 1125.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
9/21/2021 10:40 AM	00:00	6.96 pH	29.15 °C	1.03 µS/cm	7.19 mg/L	6.12 NTU	8.8 mV	5.58 ft	200.00 ml/min
9/21/2021 10:45 AM	05:00	5.41 pH	26.09 °C	1,700.1 µS/cm	0.14 mg/L	5.48 NTU	6.2 mV	5.80 ft	200.00 ml/min
9/21/2021 10:50 AM	10:00	5.41 pH	25.78 °C	1,680.3 µS/cm	0.11 mg/L	5.34 NTU	-12.1 mV	5.80 ft	200.00 ml/min
9/21/2021 10:55 AM	15:00	5.41 pH	25.78 °C	1,701.2 µS/cm	0.09 mg/L	2.20 NTU	7.5 mV	5.80 ft	200.00 ml/min
9/21/2021 11:00 AM	20:00	5.41 pH	25.80 °C	1,710.5 µS/cm	0.08 mg/L	1.78 NTU	7.4 mV	5.80 ft	200.00 ml/min
9/21/2021 11:05 AM	25:00	5.40 pH	25.69 °C	1,658.1 µS/cm	0.07 mg/L	1.25 NTU	6.5 mV	5.80 ft	200.00 ml/min
9/21/2021 11:10 AM	30:00	5.39 pH	25.64 °C	1,611.6 µS/cm	0.07 mg/L	0.83 NTU	4.6 mV	5.80 ft	200.00 ml/min
9/21/2021 11:15 AM	35:00	5.40 pH	25.61 °C	1,629.7 µS/cm	0.07 mg/L	1.81 NTU	4.8 mV	5.80 ft	200.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/23/2021 8:40:04 AM
Project: Grumman Rd
Operator Name: A. Schnittker

Location Name: GWC-1 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 5 ft** **Top of Screen: 23.2 ft** **Total Depth: 28.2 ft** **Initial Depth to Water: 19.5 ft**	**Pump Type: Peri. Pump** **Tubing Type: Poly** **Pump Intake From TOC: 25 ft** **Estimated Total Volume Pumped: 6 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 4 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 714302**

Test Notes:
Sample time 910. Sunny 60

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
9/23/2021 8:40 AM	00:00	6.03 pH	19.43 °C	478.81 µS/cm	0.56 mg/L	3.87 NTU	119.1 mV	19.50 ft	200.00 ml/min
9/23/2021 8:45 AM	05:00	6.04 pH	21.04 °C	435.63 µS/cm	0.31 mg/L	2.88 NTU	71.9 mV	19.80 ft	200.00 ml/min
9/23/2021 8:50 AM	10:00	6.06 pH	21.37 °C	437.73 µS/cm	0.23 mg/L	2.49 NTU	88.6 mV	19.80 ft	200.00 ml/min
9/23/2021 8:55 AM	15:00	6.06 pH	21.38 °C	435.63 µS/cm	0.18 mg/L	2.11 NTU	83.0 mV	19.80 ft	200.00 ml/min
9/23/2021 9:00 AM	20:00	6.06 pH	21.40 °C	432.71 µS/cm	0.17 mg/L	1.78 NTU	79.4 mV	19.80 ft	200.00 ml/min
9/23/2021 9:05 AM	25:00	6.06 pH	21.46 °C	431.87 µS/cm	0.16 mg/L	1.65 NTU	77.6 mV	19.80 ft	200.00 ml/min
9/23/2021 9:10 AM	30:00	6.06 pH	21.42 °C	430.18 µS/cm	0.15 mg/L	1.47 NTU	75.5 mV	19.80 ft	200.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/22/2021 1:55:38 PM
Project: Grumman Rd
Operator Name: Z Davis

Location Name: GWC-2 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 5 ft** **Top of Screen: 26.4 ft** **Total Depth: 31.4 ft** **Initial Depth to Water: 17.46 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 28.9 ft** **Estimated Total Volume Pumped: 8.3 liters** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 2 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 714293**

Test Notes:
Sampled at 1438. Sunny, 80s. Dup-3 collected here.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 0.2	+/- 100	+/- 100	+/- 1	
9/22/2021 1:55 PM	00:00	4.56 pH	33.16 °C	63.66 µS/cm	3.20 mg/L	19.20 NTU	100.9 mV	17.50 ft	200.00 ml/min
9/22/2021 2:00 PM	05:00	4.60 pH	24.70 °C	61.52 µS/cm	0.35 mg/L	33.00 NTU	100.0 mV	17.50 ft	200.00 ml/min
9/22/2021 2:05 PM	10:00	4.60 pH	23.89 °C	61.81 µS/cm	0.23 mg/L	30.80 NTU	99.8 mV	17.50 ft	200.00 ml/min
9/22/2021 2:10 PM	15:00	4.65 pH	23.71 °C	62.62 µS/cm	0.18 mg/L	20.00 NTU	99.3 mV	17.60 ft	200.00 ml/min
9/22/2021 2:15 PM	20:00	4.68 pH	23.72 °C	62.87 µS/cm	0.16 mg/L	17.30 NTU	97.4 mV	17.60 ft	200.00 ml/min
9/22/2021 2:20 PM	25:00	4.69 pH	23.86 °C	63.31 µS/cm	0.15 mg/L	13.60 NTU	96.7 mV	17.60 ft	200.00 ml/min
9/22/2021 2:25 PM	30:00	4.70 pH	24.49 °C	62.69 µS/cm	0.14 mg/L	7.83 NTU	95.7 mV	17.60 ft	200.00 ml/min
9/22/2021 2:30 PM	34:49	4.71 pH	24.29 °C	62.18 µS/cm	0.13 mg/L	7.15 NTU	94.8 mV	17.60 ft	200.00 ml/min
9/22/2021 2:32 PM	36:32	4.71 pH	24.33 °C	61.75 µS/cm	0.13 mg/L	9.30 NTU	94.4 mV	17.60 ft	200.00 ml/min
9/22/2021 2:37 PM	41:32	4.71 pH	24.37 °C	62.89 µS/cm	0.13 mg/L	4.62 NTU	92.7 mV	17.60 ft	200.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/21/2021 2:38:55 PM
Project: Grumman Rd
Operator Name: Z Davis

Location Name: GWC-9 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 5 ft** **Top of Screen: 20.7 ft** **Total Depth: 25.7 ft** **Initial Depth to Water: 6.67 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 23.2 ft** **Estimated Total Volume Pumped: 6.7 liters** **Flow Cell Volume: 90 ml** **Final Flow Rate: 135 ml/min Final Draw Down: 195 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 714293**

Test Notes:
Purged dry. Allowed to recharge overnight. Cloudy, 80s.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 0.2	+/- 100	+/- 100	+/- 1	
9/21/2021 2:38 PM	00:00	4.56 pH	27.50 °C	167.58 µS/cm	1.09 mg/L	5.95 NTU	70.8 mV	7.50 ft	135.00 ml/min
9/21/2021 2:43 PM	05:00	4.68 pH	24.81 °C	176.25 µS/cm	0.22 mg/L	1.53 NTU	61.6 mV	8.60 ft	135.00 ml/min
9/21/2021 2:48 PM	10:00	4.73 pH	24.70 °C	176.75 µS/cm	0.19 mg/L	2.59 NTU	56.0 mV	10.40 ft	135.00 ml/min
9/21/2021 2:53 PM	15:00	4.78 pH	24.79 °C	178.07 µS/cm	0.17 mg/L	3.84 NTU	52.2 mV	11.30 ft	135.00 ml/min
9/21/2021 2:58 PM	20:00	4.82 pH	24.69 °C	178.28 µS/cm	0.16 mg/L	2.55 NTU	49.3 mV	12.90 ft	135.00 ml/min
9/21/2021 3:03 PM	25:00	4.84 pH	24.70 °C	178.76 µS/cm	0.16 mg/L	2.55 NTU	46.7 mV	14.00 ft	135.00 ml/min
9/21/2021 3:08 PM	30:00	4.86 pH	24.65 °C	177.91 µS/cm	0.17 mg/L	4.08 NTU	45.0 mV	15.10 ft	135.00 ml/min
9/21/2021 3:13 PM	35:00	4.87 pH	24.52 °C	177.54 µS/cm	0.18 mg/L	5.21 NTU	43.9 mV	16.60 ft	135.00 ml/min
9/21/2021 3:18 PM	40:00	4.88 pH	24.48 °C	177.25 µS/cm	0.21 mg/L	5.72 NTU	43.3 mV	18.50 ft	135.00 ml/min
9/21/2021 3:23 PM	45:00	4.89 pH	24.69 °C	177.26 µS/cm	0.28 mg/L	5.64 NTU	42.5 mV	20.50 ft	135.00 ml/min
9/21/2021 3:28 PM	50:00	5.17 pH	25.51 °C	177.31 µS/cm	5.65 mg/L	5.69 NTU	43.1 mV	22.90 ft	135.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 9/22/2021 12:48:31 PM
Project: Grumman Rd
Operator Name: Z Davis

Location Name: GWC-9 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 5 ft** **Top of Screen: 20.7 ft** **Total Depth: 25.7 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 23.2 ft** **Estimated Total Volume Pumped: 2328.75 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 135 ml/min Final Draw Down: 39 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 714293**

Test Notes:
Sampled at 1303. Sunny, 80s. FB-3 taken here at 1315.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 0.2	+/- 100	+/- 100	+/- 1	
9/22/2021 12:48 PM	00:00	4.80 pH	31.15 °C	214.07 µS/cm	3.62 mg/L	17.80 NTU	52.6 mV	7.20 ft	135.00 ml/min
9/22/2021 12:53 PM	05:00	4.74 pH	25.79 °C	160.92 µS/cm	0.32 mg/L	6.41 NTU	57.5 mV	7.90 ft	135.00 ml/min
9/22/2021 12:58 PM	10:00	4.71 pH	25.85 °C	162.31 µS/cm	0.24 mg/L	3.61 NTU	57.2 mV	8.80 ft	135.00 ml/min
9/22/2021 1:03 PM	15:00	4.70 pH	25.69 °C	162.15 µS/cm	0.21 mg/L	3.58 NTU	55.6 mV	9.90 ft	135.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/21/2021 11:40:38 AM
Project: Grumman Rd
Operator Name: Z Davis

Location Name: GWC-11 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 5 ft** **Top of Screen: 17.15 ft** **Total Depth: 22.15 ft** **Initial Depth to Water: 10.15 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 19.65 ft** **Estimated Total Volume Pumped: 7.8 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 130 ml/min Final Draw Down: 42 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 714293**

Test Notes:
Sampled at 1240. Cloudy, 70s.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 0.2	+/- 100	+/- 100	+/- 1	
9/21/2021 11:40 AM	00:00	5.00 pH	26.75 °C	573.01 µS/cm	1.10 mg/L	2.87 NTU	82.0 mV	10.80 ft	130.00 ml/min
9/21/2021 11:45 AM	05:00	5.03 pH	25.06 °C	538.75 µS/cm	0.28 mg/L	2.42 NTU	82.0 mV	11.50 ft	130.00 ml/min
9/21/2021 11:50 AM	10:00	5.00 pH	24.79 °C	617.82 µS/cm	0.23 mg/L	2.26 NTU	85.9 mV	11.90 ft	130.00 ml/min
9/21/2021 11:55 AM	15:00	4.98 pH	24.70 °C	745.49 µS/cm	0.22 mg/L	4.60 NTU	90.4 mV	12.30 ft	130.00 ml/min
9/21/2021 12:00 PM	20:00	4.96 pH	24.61 °C	858.77 µS/cm	0.22 mg/L	6.18 NTU	94.7 mV	12.50 ft	130.00 ml/min
9/21/2021 12:05 PM	25:00	4.95 pH	24.58 °C	948.77 µS/cm	0.21 mg/L	6.13 NTU	98.0 mV	12.70 ft	130.00 ml/min
9/21/2021 12:10 PM	30:00	4.94 pH	24.57 °C	1,002.5 µS/cm	0.22 mg/L	6.42 NTU	100.7 mV	12.90 ft	130.00 ml/min
9/21/2021 12:15 PM	35:00	4.93 pH	24.58 °C	1,051.8 µS/cm	0.21 mg/L	5.85 NTU	103.3 mV	13.10 ft	130.00 ml/min
9/21/2021 12:20 PM	40:00	4.93 pH	24.79 °C	1,093.8 µS/cm	0.21 mg/L	6.03 NTU	105.8 mV	13.30 ft	130.00 ml/min
9/21/2021 12:25 PM	45:00	4.93 pH	24.78 °C	1,141.2 µS/cm	0.21 mg/L	5.12 NTU	108.5 mV	13.30 ft	130.00 ml/min
9/21/2021 12:30 PM	50:00	4.93 pH	24.61 °C	1,177.7 µS/cm	0.21 mg/L	4.38 NTU	111.7 mV	13.30 ft	130.00 ml/min
9/21/2021 12:35 PM	55:00	4.92 pH	24.56 °C	1,223.1 µS/cm	0.20 mg/L	4.44 NTU	113.9 mV	13.30 ft	130.00 ml/min
9/21/2021 12:40 PM	01:00:00	4.92 pH	24.38 °C	1,228.7 µS/cm	0.18 mg/L	3.93 NTU	116.4 mV	13.30 ft	130.00 ml/min

Samples

Low-Flow Test Report:

Test Date / Time: 9/21/2021 10:31:45 AM
Project: Grumman Rd
Operator Name: Z Davis

Location Name: GWC-12 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 5 ft** **Top of Screen: 21.7 ft** **Total Depth: 26.7 ft** **Initial Depth to Water: 10.29 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 24.2 ft** **Estimated Total Volume Pumped: 5.0 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 4 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 714293**

Test Notes:
Sampled at 1057. Cloudy, 70s.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 0.2	+/- 100	+/- 100	+/- 1	
9/21/2021 10:31 AM	00:00	4.28 pH	27.38 °C	794.26 µS/cm	4.46 mg/L	8.81 NTU	117.9 mV	10.50 ft	200.00 ml/min
9/21/2021 10:36 AM	05:00	4.27 pH	24.81 °C	856.54 µS/cm	0.56 mg/L	11.20 NTU	113.3 mV	10.60 ft	200.00 ml/min
9/21/2021 10:41 AM	10:00	4.15 pH	24.70 °C	909.68 µS/cm	0.29 mg/L	5.35 NTU	109.8 mV	10.60 ft	200.00 ml/min
9/21/2021 10:46 AM	15:00	4.07 pH	24.49 °C	932.47 µS/cm	0.22 mg/L	3.59 NTU	103.1 mV	10.60 ft	200.00 ml/min
9/21/2021 10:51 AM	20:00	4.06 pH	24.38 °C	933.68 µS/cm	0.18 mg/L	3.35 NTU	99.3 mV	10.60 ft	200.00 ml/min
9/21/2021 10:56 AM	25:00	4.05 pH	24.51 °C	934.85 µS/cm	0.15 mg/L	3.31 NTU	96.9 mV	10.60 ft	200.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/21/2021 3:45:07 PM
Project: Grumman Rd
Operator Name: Z Davis

Location Name: GWC-13 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 5 ft** **Top of Screen: 19.1 ft** **Total Depth: 24.1 ft** **Initial Depth to Water: 12.01 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 21.7 ft** **Estimated Total Volume Pumped: 7.0 liters** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 6 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 714293**

Test Notes:
Sampled 1620. Cloudy, 80s. Extra RADs collected.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 0.2	+/- 100	+/- 100	+/- 1	
9/21/2021 3:45 PM	00:00	5.12 pH	26.61 °C	79.01 µS/cm	4.39 mg/L	7.72 NTU	54.1 mV	12.40 ft	200.00 ml/min
9/21/2021 3:50 PM	05:00	5.02 pH	25.28 °C	104.53 µS/cm	1.67 mg/L	4.32 NTU	55.5 mV	12.40 ft	200.00 ml/min
9/21/2021 3:55 PM	10:00	5.03 pH	24.97 °C	107.31 µS/cm	1.45 mg/L	2.90 NTU	56.5 mV	12.40 ft	200.00 ml/min
9/21/2021 4:00 PM	15:00	5.00 pH	24.65 °C	110.06 µS/cm	1.25 mg/L	4.23 NTU	57.9 mV	12.40 ft	200.00 ml/min
9/21/2021 4:05 PM	20:00	4.90 pH	24.47 °C	124.36 µS/cm	0.67 mg/L	5.07 NTU	57.8 mV	12.50 ft	200.00 ml/min
9/21/2021 4:10 PM	25:00	4.86 pH	24.34 °C	131.83 µS/cm	0.42 mg/L	2.86 NTU	58.2 mV	12.50 ft	200.00 ml/min
9/21/2021 4:15 PM	30:00	4.84 pH	24.38 °C	134.77 µS/cm	0.34 mg/L	2.58 NTU	58.6 mV	12.50 ft	200.00 ml/min
9/21/2021 4:20 PM	35:00	4.83 pH	24.39 °C	136.41 µS/cm	0.31 mg/L	2.32 NTU	59.6 mV	12.50 ft	200.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 9/22/2021 3:40:11 PM
Project: Grumman Rd
Operator Name: Z Davis

Location Name: GWC-14 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 5 ft** **Top of Screen: 22 ft** **Total Depth: 27 ft** **Initial Depth to Water: 17.31 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 24.5 ft** **Estimated Total Volume Pumped: 6.0 liters** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 5 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 714293**

Test Notes:
Sampled at 1610. Cloudy, 80s.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 0.2	+/- 100	+/- 100	+/- 1	
9/22/2021 3:40 PM	00:00	5.70 pH	29.24 °C	1,012.1 µS/cm	2.55 mg/L	7.17 NTU	83.6 mV	17.60 ft	200.00 ml/min
9/22/2021 3:45 PM	05:00	5.70 pH	24.65 °C	1,103.2 µS/cm	1.15 mg/L	4.10 NTU	84.6 mV	17.60 ft	200.00 ml/min
9/22/2021 3:50 PM	10:00	5.73 pH	24.14 °C	1,217.2 µS/cm	0.90 mg/L	2.56 NTU	85.6 mV	17.70 ft	200.00 ml/min
9/22/2021 3:55 PM	15:00	5.74 pH	23.97 °C	1,192.0 µS/cm	0.87 mg/L	2.17 NTU	85.4 mV	17.70 ft	200.00 ml/min
9/22/2021 4:00 PM	20:00	5.75 pH	23.84 °C	1,220.4 µS/cm	0.79 mg/L	1.33 NTU	85.6 mV	17.70 ft	200.00 ml/min
9/22/2021 4:05 PM	25:00	5.75 pH	23.70 °C	1,212.1 µS/cm	0.76 mg/L	1.97 NTU	86.4 mV	17.70 ft	200.00 ml/min
9/22/2021 4:10 PM	30:00	5.76 pH	23.79 °C	1,211.5 µS/cm	0.74 mg/L	1.86 NTU	86.1 mV	17.70 ft	200.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/23/2021 8:31:58 AM
Project: Grumman Rd
Operator Name: Z Davis

Location Name: GWC-15 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 5 ft** **Top of Screen: 21.8 ft** **Total Depth: 26.8 ft** **Initial Depth to Water: 18.31 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 24.5 ft** **Estimated Total Volume Pumped: 3.80 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 1 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 714293**

Test Notes:
Sampled at 0855. Cloudy, 60s. EB-3 takes here at 0900 - gloves.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 0.2	+/- 100	+/- 100	+/- 1	
9/23/2021 8:30 AM	00:00	6.42 pH	19.91 °C	924.70 µS/cm	0.97 mg/L	1.71 NTU	87.3 mV	18.40 ft	150.00 ml/min
9/23/2021 8:35 AM	05:00	6.46 pH	21.47 °C	902.93 µS/cm	0.31 mg/L	1.12 NTU	79.8 mV	18.40 ft	150.00 ml/min
9/23/2021 8:40 AM	10:00	6.45 pH	21.82 °C	889.28 µS/cm	0.25 mg/L	1.12 NTU	74.7 mV	18.40 ft	150.00 ml/min
9/23/2021 8:45 AM	15:00	6.47 pH	21.87 °C	896.76 µS/cm	0.21 mg/L	1.03 NTU	72.5 mV	18.40 ft	150.00 ml/min
9/23/2021 8:50 AM	20:00	6.48 pH	21.94 °C	897.95 µS/cm	0.19 mg/L	1.06 NTU	70.7 mV	18.40 ft	150.00 ml/min
9/23/2021 8:55 AM	25:00	6.48 pH	22.05 °C	900.29 µS/cm	0.18 mg/L	1.02 NTU	69.3 mV	18.40 ft	150.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/22/2021 10:25:11 AM
Project: Grumman Rd
Operator Name: A. Schnittker

Location Name: GWC-16 **Well Diameter: 2 in** **Casing Type: pvc** **Screen Length: 5 ft** **Top of Screen: 23.2 ft** **Total Depth: 28.2 ft** **Initial Depth to Water: 20.55 ft**	**Pump Type: Peri. Pump** **Tubing Type: Poly** **Pump Intake From TOC: 25.5 ft** **Estimated Total Volume Pumped: 5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 135 ml/min** **Final Draw Down: 3 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 714302**

Test Notes:
Sample time 1100. Sunny 70

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
9/22/2021 10:25 AM	00:00	4.98 pH	29.99 °C	617.26 µS/cm	2.50 mg/L	11.70 NTU	134.5 mV	20.55 ft	135.00 ml/min
9/22/2021 10:30 AM	05:00	5.11 pH	25.45 °C	1,254.2 µS/cm	1.32 mg/L	10.80 NTU	118.4 mV	20.80 ft	135.00 ml/min
9/22/2021 10:35 AM	10:00	5.37 pH	25.10 °C	1,773.7 µS/cm	0.54 mg/L	7.46 NTU	76.5 mV	20.80 ft	135.00 ml/min
9/22/2021 10:40 AM	15:00	5.05 pH	25.28 °C	328.76 µS/cm	2.22 mg/L	6.99 NTU	65.7 mV	20.80 ft	135.00 ml/min
9/22/2021 10:45 AM	20:00	5.49 pH	25.15 °C	1,965.1 µS/cm	0.65 mg/L	5.87 NTU	55.4 mV	20.80 ft	135.00 ml/min
9/22/2021 10:50 AM	25:00	5.53 pH	25.05 °C	2,004.8 µS/cm	0.51 mg/L	5.46 NTU	55.9 mV	20.80 ft	135.00 ml/min
9/22/2021 10:55 AM	30:00	5.55 pH	24.91 °C	2,033.0 µS/cm	0.49 mg/L	4.99 NTU	52.2 mV	20.80 ft	135.00 ml/min
9/22/2021 11:00 AM	35:00	5.57 pH	24.53 °C	2,060.1 µS/cm	0.50 mg/L	3.91 NTU	47.4 mV	20.80 ft	135.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 9/22/2021 9:00:07 AM
Project: Grumman Rd
Operator Name: Z Davis

Location Name: GWC-17 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 5 ft** **Top of Screen: 17.08 ft** **Total Depth: 22.08 ft** **Initial Depth to Water: 4.40 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 19.58 ft** **Estimated Total Volume Pumped: 3.3 liters** **Flow Cell Volume: 90 ml** **Final Flow Rate: 185 ml/min** **Final Draw Down: 18 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 714293**

Test Notes:
Sampled at 1200. Sunny, 80s. EB-2 taken here at 0845 - Water Level.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 0.2	+/- 100	+/- 100	+/- 1	
9/22/2021 9:00 AM	00:00	5.52 pH	25.62 °C	1,371.5 µS/cm	0.33 mg/L	591.00 NTU	105.4 mV	5.20 ft	185.00 ml/min
9/22/2021 9:05 AM	05:00	5.17 pH	25.15 °C	1,863.0 µS/cm	0.25 mg/L	346.00 NTU	104.3 mV	5.40 ft	185.00 ml/min
9/22/2021 9:10 AM	10:00	5.05 pH	25.15 °C	2,030.9 µS/cm	0.19 mg/L	112.00 NTU	100.2 mV	5.60 ft	185.00 ml/min
9/22/2021 9:15 AM	15:00	4.91 pH	24.93 °C	2,260.8 µS/cm	0.18 mg/L	65.40 NTU	98.3 mV	5.60 ft	185.00 ml/min
9/22/2021 9:20 AM	20:00	4.86 pH	24.83 °C	2,359.1 µS/cm	0.16 mg/L	62.40 NTU	96.0 mV	5.60 ft	185.00 ml/min
9/22/2021 9:25 AM	25:00	4.76 pH	24.80 °C	2,483.3 µS/cm	0.15 mg/L	60.80 NTU	94.6 mV	5.60 ft	185.00 ml/min
9/22/2021 9:30 AM	30:00	4.74 pH	24.83 °C	2,508.7 µS/cm	0.15 mg/L	39.80 NTU	92.6 mV	5.70 ft	185.00 ml/min
9/22/2021 9:35 AM	35:00	4.73 pH	24.79 °C	2,532.1 µS/cm	0.14 mg/L	25.60 NTU	90.8 mV	5.70 ft	185.00 ml/min
9/22/2021 9:40 AM	40:00	4.71 pH	25.15 °C	2,564.8 µS/cm	0.14 mg/L	25.10 NTU	89.3 mV	5.70 ft	185.00 ml/min
9/22/2021 9:45 AM	45:00	4.71 pH	25.42 °C	2,554.0 µS/cm	0.13 mg/L	21.00 NTU	87.6 mV	5.70 ft	185.00 ml/min
9/22/2021 9:53 AM	52:57	4.68 pH	27.07 °C	2,572.4 µS/cm	4.83 mg/L	57.10 NTU	91.2 mV	5.70 ft	185.00 ml/min
9/22/2021 9:58 AM	57:57	4.68 pH	25.73 °C	2,615.3 µS/cm	0.19 mg/L	33.40 NTU	89.8 mV	5.70 ft	185.00 ml/min
9/22/2021 10:03 AM	01:02:57	4.68 pH	25.39 °C	2,625.7 µS/cm	0.14 mg/L	19.70 NTU	88.8 mV	5.70 ft	185.00 ml/min
9/22/2021 10:08 AM	01:07:57	4.69 pH	25.35 °C	2,618.5 µS/cm	0.13 mg/L	16.10 NTU	87.5 mV	5.70 ft	185.00 ml/min
9/22/2021 10:11 AM	01:11:11	4.68 pH	25.15 °C	2,625.5 µS/cm	0.13 mg/L	17.50 NTU	87.0 mV	5.70 ft	185.00 ml/min

9/22/2021 10:11 AM	01:11:38	4.67 pH	25.17 °C	2,632.0 µS/cm	0.13 mg/L	13.50 NTU	87.0 mV	5.70 ft	185.00 ml/min
9/22/2021 10:15 AM	01:15:38	4.69 pH	25.52 °C	2,616.7 µS/cm	0.12 mg/L	19.90 NTU	85.7 mV	5.70 ft	185.00 ml/min
9/22/2021 10:15 AM	01:15:48	4.70 pH	25.52 °C	2,600.3 µS/cm	0.12 mg/L	19.00 NTU	85.7 mV	5.70 ft	185.00 ml/min
9/22/2021 10:20 AM	01:20:48	4.69 pH	25.68 °C	2,601.2 µS/cm	0.12 mg/L	13.20 NTU	84.5 mV	5.70 ft	185.00 ml/min
9/22/2021 10:25 AM	01:25:48	4.70 pH	25.55 °C	2,594.7 µS/cm	0.12 mg/L	14.60 NTU	83.6 mV	5.70 ft	185.00 ml/min
9/22/2021 10:30 AM	01:30:48	4.69 pH	25.63 °C	2,601.0 µS/cm	0.11 mg/L	18.20 NTU	82.7 mV	5.70 ft	185.00 ml/min
9/22/2021 10:35 AM	01:35:48	4.66 pH	25.82 °C	2,621.2 µS/cm	0.11 mg/L	13.30 NTU	81.9 mV	5.70 ft	185.00 ml/min
9/22/2021 10:40 AM	01:40:48	4.69 pH	25.77 °C	2,593.0 µS/cm	0.11 mg/L	12.30 NTU	80.9 mV	5.70 ft	185.00 ml/min
9/22/2021 10:45 AM	01:45:48	4.68 pH	25.38 °C	2,599.4 µS/cm	0.11 mg/L	13.20 NTU	80.1 mV	5.70 ft	185.00 ml/min
9/22/2021 10:50 AM	01:50:48	4.69 pH	25.62 °C	2,592.2 µS/cm	0.11 mg/L	16.60 NTU	79.0 mV	5.80 ft	185.00 ml/min
9/22/2021 10:55 AM	01:55:48	4.69 pH	25.63 °C	2,580.1 µS/cm	0.11 mg/L	19.10 NTU	78.1 mV	5.80 ft	185.00 ml/min
9/22/2021 11:00 AM	02:00:48	4.66 pH	25.83 °C	2,616.5 µS/cm	0.11 mg/L	16.50 NTU	77.5 mV	5.80 ft	185.00 ml/min
9/22/2021 11:05 AM	02:05:48	4.65 pH	25.92 °C	2,626.4 µS/cm	0.11 mg/L	23.30 NTU	76.7 mV	5.80 ft	185.00 ml/min
9/22/2021 11:10 AM	02:10:48	4.65 pH	26.10 °C	2,622.6 µS/cm	0.11 mg/L	20.40 NTU	75.9 mV	5.80 ft	185.00 ml/min
9/22/2021 11:15 AM	02:15:48	4.66 pH	25.56 °C	2,621.4 µS/cm	0.11 mg/L	19.70 NTU	75.3 mV	5.80 ft	185.00 ml/min
9/22/2021 11:20 AM	02:20:48	4.65 pH	25.79 °C	2,621.9 µS/cm	0.11 mg/L	25.40 NTU	74.5 mV	5.80 ft	185.00 ml/min
9/22/2021 11:25 AM	02:25:48	4.64 pH	25.88 °C	2,624.8 µS/cm	0.11 mg/L	16.40 NTU	73.7 mV	5.80 ft	185.00 ml/min
9/22/2021 11:30 AM	02:30:48	4.64 pH	25.95 °C	2,622.1 µS/cm	0.11 mg/L	10.20 NTU	72.9 mV	5.80 ft	185.00 ml/min
9/22/2021 11:35 AM	02:35:48	4.64 pH	25.61 °C	2,625.6 µS/cm	0.11 mg/L	9.05 NTU	72.4 mV	5.80 ft	185.00 ml/min
9/22/2021 11:40 AM	02:40:48	4.65 pH	25.33 °C	2,617.5 µS/cm	0.12 mg/L	14.20 NTU	71.6 mV	5.80 ft	185.00 ml/min
9/22/2021 11:45 AM	02:45:48	4.64 pH	25.33 °C	2,627.5 µS/cm	0.12 mg/L	11.20 NTU	70.9 mV	5.80 ft	185.00 ml/min
9/22/2021 11:50 AM	02:50:48	4.65 pH	25.40 °C	2,610.5 µS/cm	0.12 mg/L	10.60 NTU	70.0 mV	5.90 ft	185.00 ml/min
9/22/2021 11:55 AM	02:55:48	4.63 pH	25.69 °C	2,629.4 µS/cm	0.11 mg/L	8.95 NTU	69.2 mV	5.90 ft	185.00 ml/min
9/22/2021 12:00 PM	03:00:48	4.63 pH	26.01 °C	2,624.8 µS/cm	0.11 mg/L	7.83 NTU	68.6 mV	5.90 ft	185.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 9/22/2021 1:15:18 PM
Project: Grumman Rd
Operator Name: A. Schnittker

Location Name: GWC-20 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 5 ft** **Top of Screen: 19.6 ft** **Total Depth: 25.59 ft** **Initial Depth to Water: 19.95 ft**	**Pump Type: Peri. Pump** **Tubing Type: Poly** **Pump Intake From TOC: 22 ft** **Estimated Total Volume Pumped: 10.5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min Final Draw Down: 6 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 714302**

Test Notes:
Sample time 1405. Sunny 80

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
9/22/2021 1:15 PM	00:00	6.11 pH	26.67 °C	1,644.5 µS/cm	2.41 mg/L	3.26 NTU	75.7 mV	19.95 ft	200.00 ml/min
9/22/2021 1:20 PM	05:00	6.02 pH	26.02 °C	1,962.3 µS/cm	1.49 mg/L	3.11 NTU	61.8 mV	20.40 ft	200.00 ml/min
9/22/2021 1:25 PM	10:00	6.01 pH	26.23 °C	2,008.7 µS/cm	0.89 mg/L	2.78 NTU	77.1 mV	20.40 ft	200.00 ml/min
9/22/2021 1:30 PM	15:00	6.01 pH	26.28 °C	2,004.9 µS/cm	0.69 mg/L	1.55 NTU	68.6 mV	20.50 ft	200.00 ml/min
9/22/2021 1:35 PM	20:00	5.99 pH	26.32 °C	2,033.0 µS/cm	0.58 mg/L	1.76 NTU	64.1 mV	20.50 ft	200.00 ml/min
9/22/2021 1:40 PM	25:00	6.00 pH	26.04 °C	2,013.1 µS/cm	0.49 mg/L	1.44 NTU	72.5 mV	20.50 ft	200.00 ml/min
9/22/2021 1:45 PM	30:00	6.00 pH	25.55 °C	2,021.8 µS/cm	0.41 mg/L	1.23 NTU	57.1 mV	20.50 ft	200.00 ml/min
9/22/2021 1:50 PM	35:00	6.00 pH	25.37 °C	2,014.3 µS/cm	0.40 mg/L	1.87 NTU	50.8 mV	20.50 ft	200.00 ml/min
9/22/2021 1:55 PM	40:00	6.00 pH	25.44 °C	2,012.1 µS/cm	0.36 mg/L	1.65 NTU	55.0 mV	20.50 ft	200.00 ml/min
9/22/2021 2:00 PM	45:00	6.00 pH	25.21 °C	2,001.4 µS/cm	0.36 mg/L	1.35 NTU	47.5 mV	20.50 ft	200.00 ml/min
9/22/2021 2:05 PM	50:00	6.00 pH	25.22 °C	2,004.5 µS/cm	0.35 mg/L	1.38 NTU	45.9 mV	20.50 ft	200.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 9/22/2021 9:00:07 AM
Project: Grumman Rd
Operator Name: A. Schnittker

Location Name: GWC-21 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 5 ft** **Top of Screen: 20.54 ft** **Total Depth: 25.54 ft** **Initial Depth to Water: 19.41 ft**	**Pump Type: Peri. Pump** **Tubing Type: Poly** **Pump Intake From TOC: 23 ft** **Estimated Total Volume Pumped: 7.2 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 180 ml/min** **Final Draw Down: 4 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 714302**

Test Notes:
Sample time 940. Dup-2 here. Sunny 70.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
9/22/2021 9:00 AM	00:00	5.36 pH	25.29 °C	79.11 µS/cm	6.00 mg/L	4.99 NTU	131.7 mV	19.41 ft	180.00 ml/min
9/22/2021 9:05 AM	05:00	5.37 pH	24.83 °C	82.56 µS/cm	5.82 mg/L	4.85 NTU	121.4 mV	19.60 ft	180.00 ml/min
9/22/2021 9:10 AM	10:00	5.36 pH	24.87 °C	89.02 µS/cm	5.62 mg/L	3.50 NTU	119.5 mV	19.60 ft	180.00 ml/min
9/22/2021 9:15 AM	15:00	5.37 pH	24.96 °C	96.64 µS/cm	5.45 mg/L	2.78 NTU	112.0 mV	19.60 ft	180.00 ml/min
9/22/2021 9:20 AM	20:00	5.40 pH	25.07 °C	101.51 µS/cm	5.45 mg/L	2.55 NTU	106.7 mV	19.70 ft	180.00 ml/min
9/22/2021 9:25 AM	25:00	5.38 pH	25.05 °C	99.20 µS/cm	5.54 mg/L	1.74 NTU	103.2 mV	19.70 ft	180.00 ml/min
9/22/2021 9:30 AM	30:00	5.42 pH	24.77 °C	95.14 µS/cm	5.41 mg/L	1.66 NTU	98.3 mV	19.70 ft	180.00 ml/min
9/22/2021 9:35 AM	35:00	5.40 pH	24.65 °C	93.87 µS/cm	5.48 mg/L	1.21 NTU	146.5 mV	19.70 ft	180.00 ml/min
9/22/2021 9:40 AM	40:00	5.39 pH	24.64 °C	92.27 µS/cm	5.50 mg/L	1.28 NTU	97.8 mV	19.70 ft	180.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/21/2021 1:30:25 PM
Project: Grumman Rd
Operator Name: Z Davis

Location Name: GWC-22 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 5 ft** **Top of Screen: 13.6 ft** **Total Depth: 18.6 ft** **Initial Depth to Water: 6.17 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 16.1 ft** **Estimated Total Volume Pumped: 5.0 liters** **Flow Cell Volume: 90 ml** **Final Flow Rate: 165 ml/min Final Draw Down: 4 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 714293**

Test Notes:
Sampled at 1400. Cloudy, 70s.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 0.2	+/- 100	+/- 100	+/- 1	
9/21/2021 1:30 PM	00:00	4.79 pH	27.83 °C	115.89 µS/cm	0.96 mg/L	3.28 NTU	81.3 mV	6.30 ft	165.00 ml/min
9/21/2021 1:35 PM	05:00	4.74 pH	26.31 °C	132.02 µS/cm	0.23 mg/L	3.35 NTU	85.6 mV	6.30 ft	165.00 ml/min
9/21/2021 1:40 PM	10:00	4.73 pH	26.07 °C	142.58 µS/cm	0.18 mg/L	2.43 NTU	87.1 mV	6.30 ft	165.00 ml/min
9/21/2021 1:45 PM	15:00	4.73 pH	25.92 °C	153.12 µS/cm	0.16 mg/L	2.00 NTU	87.8 mV	6.40 ft	165.00 ml/min
9/21/2021 1:50 PM	20:00	4.72 pH	26.14 °C	160.84 µS/cm	0.15 mg/L	2.02 NTU	87.7 mV	6.40 ft	165.00 ml/min
9/21/2021 1:55 PM	25:00	4.72 pH	26.43 °C	165.81 µS/cm	0.14 mg/L	1.81 NTU	88.2 mV	6.40 ft	165.00 ml/min
9/21/2021 2:00 PM	30:00	4.72 pH	26.09 °C	168.49 µS/cm	0.14 mg/L	1.85 NTU	88.6 mV	6.50 ft	165.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/22/2021 2:40:15 PM
Project: Grumman Rd
Operator Name: A. Schnittker

Location Name: MW-23D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 53.3 ft** **Total Depth: 63.3 ft** **Initial Depth to Water: 21.96 ft**	**Pump Type: Peri. Pump** **Tubing Type: Poly** **Pump Intake From TOC: 57 ft** **Estimated Total Volume Pumped: 18.1 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 25 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 714302**

Test Notes: Sample time 1600. Sunny 70.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
9/22/2021 2:40 PM	00:00	6.45 pH	28.63 °C	94.55 µS/cm	0.72 mg/L	6.82 NTU	-14.8 mV	21.96 ft	250.00 ml/min
9/22/2021 2:45 PM	05:00	6.43 pH	25.47 °C	93.71 µS/cm	1.26 mg/L	6.45 NTU	-18.3 mV	23.90 ft	250.00 ml/min
9/22/2021 2:50 PM	10:00	6.42 pH	25.46 °C	97.95 µS/cm	0.96 mg/L	6.67 NTU	-24.8 mV	24.00 ft	250.00 ml/min
9/22/2021 2:55 PM	15:00	6.41 pH	25.70 °C	101.76 µS/cm	0.52 mg/L	6.12 NTU	-74.7 mV	24.00 ft	250.00 ml/min
9/22/2021 3:00 PM	20:00	6.42 pH	25.86 °C	116.17 µS/cm	0.38 mg/L	5.99 NTU	-40.4 mV	24.10 ft	250.00 ml/min
9/22/2021 3:05 PM	25:00	6.47 pH	26.43 °C	249.41 µS/cm	0.20 mg/L	6.14 NTU	-113.8 mV	24.10 ft	250.00 ml/min
9/22/2021 3:10 PM	30:00	6.37 pH	25.37 °C	416.30 µS/cm	0.16 mg/L	5.87 NTU	-22.6 mV	24.10 ft	250.00 ml/min
9/22/2021 3:15 PM	35:00	6.37 pH	25.05 °C	407.66 µS/cm	0.15 mg/L	5.29 NTU	-48.4 mV	24.10 ft	250.00 ml/min
9/22/2021 3:20 PM	40:00	6.37 pH	25.50 °C	384.58 µS/cm	0.12 mg/L	5.14 NTU	-9.4 mV	24.10 ft	250.00 ml/min
9/22/2021 3:25 PM	45:00	6.37 pH	25.68 °C	362.55 µS/cm	0.13 mg/L	5.87 NTU	-36.3 mV	24.10 ft	250.00 ml/min
9/22/2021 3:30 PM	50:00	6.37 pH	25.88 °C	348.15 µS/cm	0.12 mg/L	3.38 NTU	-31.4 mV	24.10 ft	250.00 ml/min
9/22/2021 3:35 PM	55:00	6.37 pH	26.09 °C	332.27 µS/cm	0.11 mg/L	3.67 NTU	-28.9 mV	24.10 ft	250.00 ml/min
9/22/2021 3:40 PM	01:00:00	6.38 pH	25.60 °C	321.05 µS/cm	0.13 mg/L	2.87 NTU	-2.4 mV	24.10 ft	250.00 ml/min
9/22/2021 3:45 PM	01:05:00	6.38 pH	26.29 °C	312.58 µS/cm	0.10 mg/L	2.99 NTU	-1.9 mV	24.10 ft	250.00 ml/min
9/22/2021 3:47 PM	01:07:14	6.38 pH	26.55 °C	312.53 µS/cm	0.10 mg/L	3.87 NTU	-2.1 mV	24.10 ft	250.00 ml/min

9/22/2021 3:52 PM	01:12:14	6.39 pH	25.62 °C	299.39 µS/cm	0.11 mg/L	4.25 NTU	-24.6 mV	24.10 ft	250.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/22/2021 11:35:10 AM
Project: Grumman Rd
Operator Name: A. Schnittker

Location Name: MW-24D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 56.3 ft** **Total Depth: 66.3 ft** **Initial Depth to Water: 21.97 ft**	**Pump Type: Peri. Pump** **Tubing Type: Poly** **Pump Intake From TOC: 61 ft** **Estimated Total Volume Pumped: 12.5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 45 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 714302**

Test Notes:
Sample time 1225. Sunny 80

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
9/22/2021 11:35 AM	00:00	6.66 pH	28.58 °C	85.18 µS/cm	0.81 mg/L	10.90 NTU	-28.4 mV	21.97 ft	250.00 ml/min
9/22/2021 11:40 AM	05:00	6.74 pH	25.19 °C	89.78 µS/cm	0.30 mg/L	8.98 NTU	-46.5 mV	25.50 ft	250.00 ml/min
9/22/2021 11:45 AM	10:00	6.75 pH	25.19 °C	89.71 µS/cm	0.21 mg/L	7.46 NTU	-49.2 mV	25.60 ft	250.00 ml/min
9/22/2021 11:50 AM	15:00	6.74 pH	25.39 °C	86.37 µS/cm	0.17 mg/L	6.57 NTU	-46.5 mV	25.60 ft	250.00 ml/min
9/22/2021 11:55 AM	20:00	6.71 pH	24.57 °C	83.46 µS/cm	0.15 mg/L	8.96 NTU	-36.7 mV	25.60 ft	250.00 ml/min
9/22/2021 12:00 PM	25:00	6.72 pH	24.42 °C	85.19 µS/cm	0.14 mg/L	12.10 NTU	-30.1 mV	25.70 ft	250.00 ml/min
9/22/2021 12:05 PM	30:00	6.75 pH	24.60 °C	88.08 µS/cm	0.14 mg/L	10.70 NTU	-27.0 mV	25.70 ft	250.00 ml/min
9/22/2021 12:10 PM	35:00	6.75 pH	25.09 °C	88.68 µS/cm	0.14 mg/L	8.95 NTU	-44.7 mV	25.70 ft	250.00 ml/min
9/22/2021 12:15 PM	40:00	6.79 pH	24.62 °C	85.05 µS/cm	0.13 mg/L	6.45 NTU	-27.6 mV	25.70 ft	250.00 ml/min
9/22/2021 12:20 PM	45:00	6.79 pH	24.51 °C	83.98 µS/cm	0.12 mg/L	5.97 NTU	-22.0 mV	25.70 ft	250.00 ml/min
9/22/2021 12:25 PM	50:00	6.76 pH	24.53 °C	83.02 µS/cm	0.12 mg/L	4.54 NTU	-18.5 mV	25.70 ft	250.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 9/23/2021 9:40:09 AM
Project: Grumman Rd
Operator Name: Z Davis

Location Name: MW-25D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 60.2 ft** **Total Depth: 70.2 ft** **Initial Depth to Water: 19.91 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 65.2 ft** **Estimated Total Volume Pumped: 3.8 liters** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 41 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 714293**

Test Notes:
Sampled at 1005. Sunny, 70s.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 0.2	+/- 100	+/- 100	+/- 1	
9/23/2021 9:40 AM	00:00	6.59 pH	20.49 °C	83.00 µS/cm	0.74 mg/L	1.16 NTU	30.6 mV	20.40 ft	150.00 ml/min
9/23/2021 9:45 AM	05:00	6.31 pH	21.03 °C	73.06 µS/cm	0.37 mg/L	2.53 NTU	32.7 mV	21.60 ft	150.00 ml/min
9/23/2021 9:50 AM	10:00	6.24 pH	21.20 °C	71.54 µS/cm	0.30 mg/L	1.56 NTU	33.0 mV	22.30 ft	150.00 ml/min
9/23/2021 9:55 AM	15:00	6.22 pH	21.28 °C	71.58 µS/cm	0.27 mg/L	1.08 NTU	32.2 mV	22.70 ft	150.00 ml/min
9/23/2021 10:00 AM	20:00	6.21 pH	21.25 °C	71.53 µS/cm	0.25 mg/L	1.41 NTU	31.7 mV	23.10 ft	150.00 ml/min
9/23/2021 10:05 AM	25:00	6.21 pH	21.29 °C	72.27 µS/cm	0.24 mg/L	1.49 NTU	30.8 mV	23.30 ft	150.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/21/2021 1:15:04 PM
Project: Grumman Rd
Operator Name: A. Schnittker

Location Name: MW-26D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 59.9 ft** **Total Depth: 69.9 ft** **Initial Depth to Water: 18.64 ft**	**Pump Type: Peri. Pump** **Tubing Type: Poly** **Pump Intake From TOC: 64 ft** **Estimated Total Volume Pumped: 9 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 300 ml/min** **Final Draw Down: 25 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 714302**

Test Notes:
Sample time 1345. Overcast 70.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
9/21/2021 1:15 PM	00:00	6.12 pH	23.43 °C	59.99 µS/cm	0.27 mg/L	2.54 NTU	52.4 mV	18.64 ft	300.00 ml/min
9/21/2021 1:20 PM	05:00	6.14 pH	23.13 °C	59.47 µS/cm	0.22 mg/L	2.69 NTU	47.8 mV	20.60 ft	300.00 ml/min
9/21/2021 1:25 PM	10:00	5.97 pH	22.99 °C	55.80 µS/cm	0.19 mg/L	2.60 NTU	45.6 mV	20.70 ft	300.00 ml/min
9/21/2021 1:30 PM	15:00	5.91 pH	22.95 °C	54.82 µS/cm	0.16 mg/L	3.24 NTU	44.7 mV	20.70 ft	300.00 ml/min
9/21/2021 1:35 PM	20:00	5.90 pH	22.86 °C	54.47 µS/cm	0.15 mg/L	3.32 NTU	43.3 mV	20.70 ft	300.00 ml/min
9/21/2021 1:40 PM	25:00	5.89 pH	22.87 °C	54.11 µS/cm	0.14 mg/L	3.23 NTU	42.0 mV	20.70 ft	300.00 ml/min
9/21/2021 1:45 PM	30:00	5.88 pH	22.78 °C	54.12 µS/cm	0.14 mg/L	3.04 NTU	40.7 mV	20.70 ft	300.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 9/21/2021 3:41:04 PM
Project: Grumman Rd
Operator Name: A. Schnittker

Location Name: MW-27D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 62.4 ft** **Total Depth: 72.43 ft** **Initial Depth to Water: 20.6 ft**	**Pump Type: Peri. Pump** **Tubing Type: Poly** **Pump Intake From TOC: 67 ft** **Estimated Total Volume Pumped: 9 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 68 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 714302**

Test Notes:
Sample time 1615. Overcast 80

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
9/21/2021 3:41 PM	00:00	5.95 pH	24.64 °C	45.23 µS/cm	0.31 mg/L	6.60 NTU	60.2 mV	20.60 ft	300.00 ml/min
9/21/2021 3:46 PM	05:00	5.97 pH	24.09 °C	45.63 µS/cm	0.25 mg/L	5.00 NTU	55.1 mV	20.60 ft	300.00 ml/min
9/21/2021 3:51 PM	10:00	6.01 pH	23.64 °C	46.07 µS/cm	0.33 mg/L	4.46 NTU	53.3 mV	24.20 ft	300.00 ml/min
9/21/2021 3:56 PM	15:00	5.97 pH	23.46 °C	45.91 µS/cm	0.35 mg/L	3.44 NTU	53.4 mV	25.80 ft	300.00 ml/min
9/21/2021 4:01 PM	20:00	5.98 pH	23.54 °C	45.96 µS/cm	0.32 mg/L	3.78 NTU	49.7 mV	26.20 ft	300.00 ml/min
9/21/2021 4:06 PM	25:00	5.98 pH	23.42 °C	45.67 µS/cm	0.27 mg/L	2.82 NTU	48.2 mV	26.30 ft	300.00 ml/min
9/21/2021 4:11 PM	30:00	5.97 pH	23.35 °C	46.11 µS/cm	0.24 mg/L	2.67 NTU	48.3 mV	26.30 ft	300.00 ml/min

Samples

Sample ID:	Description:

ACC
Atlantic Coast Consultants, Inc.

Daily Instrument Calibration Log

SITE: Greenman Rd
TECHNICIAN: [illegible]

WATER LEVEL: Solinst
WATER LEVEL S/N: 337393

INSTRUMENT S/N: 714293
INSTRUMENT TYPE: AquaTrod

CAL. SOLUTIONS			
ID: 1164	LOT #: [illegible]	EXP. DATE: 5/28	
ID: 1117	LOT #: [illegible]	EXP. DATE: 6/23	
ID: 1210	LOT #: [illegible]	EXP. DATE: 6/23	
ID: 1001	LOT #: [illegible]	EXP. DATE: 4/22	
ID: 0910	LOT #: [illegible]	EXP. DATE: 3/22	
ID:	LOT #:	EXP. DATE:	
ID:	LOT #:	EXP. DATE:	

Midday pH check
Must be less than .10
(6.90-7.10 range)
Recalibrate if not within range

Calibration Date: 9/21/21

RDO: 100% sat. = 99.84 % Sat

PH:	4.00 = 4.10	7.00 = 7.05	10.00 = 10.05		Midday pH check 7.0 = 7.06	
PH Recal (if needed):	4.00 =	7.00 =	10.00 =		7.0=	post recal check

CONDUCTIVITY: 1413 = 1230
ORP (mV): 240 = 234.1

Calibration Date: 9/22/21

RDO: 100% sat. = 102 % Sat

PH:	4.00 = 4.05	7.00 = 7.01	10.00 = 10.00		Midday pH check 7.0 = 7.01	
PH Recal (if needed):	4.00 =	7.00 =	10.00 =		7.0=	post recal check

CONDUCTIVITY: 1413 = 1414.0
ORP (mV): 240 = 236

Calibration Date: 9/23/21

RDO: 100% sat. = 100.5 % Sat

PH:	4.00 = 4.00	7.00 = 7.01	10.00 = 10.00		Midday pH check 7.0 =	Finished before 12pm - no calibration needed
PH Recal (if needed):	4.00 =	7.00 =	10.00 =		7.0=	post recal check

CONDUCTIVITY: 1413 = 1313.6
ORP (mV): 240 = 230

Calibration Date:

RDO: 100% sat. =

PH:	4.00 =	7.00 =	10.00 =		Midday pH check 7.0 =
PH Recal (if needed):	4.00 =	7.00 =	10.00 =		7.0= post recal check

CONDUCTIVITY: =
ORP (mV): =

Calibration Date:

RDO: 100% sat. =

PH:	4.00 =	7.00 =	10.00 =		Midday pH check 7.0 =
PH Recal (if needed):	4.00 =	7.00 =	10.00 =		7.0= post recal check

CONDUCTIVITY: =
ORP (mV): =

Daily Instrument Calibration Log

SITE: Grumman Rd

TECHNICIAN: [illegible]

INSTRUMENT S/N: 16C40C04976?

INSTRUMENT TYPE: Hach 2100Q

CAL. SOLUTION		
0 NTU - LOT #	A1015	EXP. DATE: 11/21
10 NTU - LOT #	A1015	EXP. DATE: 11/21
20 NTU - LOT #	A1015	EXP. DATE: 11/21

Calibration Date: 9/11/21

Calibration Solution	Instrument Reading	
0.0	0.14	NTU
10.0	9.79	NTU
20.0	20.1	NTU

Calibration Date: 9/12/21

Calibration Solution	Instrument Reading	
0.0	0.19	NTU
10.0	10.8	NTU
20.0	21.3	NTU

Calibration Date: 9/23/21

Calibration Solution	Instrument Reading	
0.0	0.16	NTU
10.0	11.0	NTU
20.0	21.0	NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU

ATC
ATLANTIC COAST CONSULTANTS, INC.

Daily Instrument Calibration Log

SITE: A Schmitt Grumman Rd
TECHNICIAN:

WATER LEVEL: Solinst
WATER LEVEL S/N: 377000

INSTRUMENT S/N: 714302
INSTRUMENT TYPE: AquaTroll
CAL SOLUTIONS:

ID: pH 4	LOT #: 0GE1407	EXP. DATE: 9/22	
ID: pH 7	LOT #: 9GL445	EXP. DATE: 12/21	
ID: pH 10	LOT #: 0GL415	EXP. DATE: 9/22	
ID: Con	LOT #: ~~[illegible]~~	EXP. DATE: 9/21	0GL1033
ID: ORP	LOT #: 1GT945	EXP. DATE: 3/22	
ID:	LOT #:	EXP. DATE:	
ID:	LOT #:	EXP. DATE:	

Midday pH check
Must be less that .10
(6.90-7.10 range)
Recalibrate if not within range

Calibration Date: 9/21/21
RDO: 100% sat. = 99.87
PH: 4.00 = 4.06 7.00 = 6.98 10.00 = 10.07 Midday pH check 7.0 = 6.99
PH Recal (if needed): 4.00 = 7.00 = 10.00 = 7.0= post recal check
CONDUCTIVITY: 1413 = 1534.2
ORP (mV): 240 = 220.3

Calibration Date: 9/22/21
RDO: 100% sat. = 98.77
PH: 4.00 = 4.02 7.00 = 6.98 10.00 = 9.95 Midday pH check 7.0 = 6.98
PH Recal (if needed): 4.00 = 7.00 = 10.00 = ~~[illegible]~~ 7.0= post recal check
CONDUCTIVITY: 1413 = 1417.9
ORP (mV): 240 = 227

Calibration Date: 9/23/21
RDO: 100% sat. = 109.05
PH: 4.00 = 4.01 7.00 = 6.99 10.00 = 10.03 Midday pH check 7.0 = Repeated before items due because needed
PH Recal (if needed): 4.00 = 7.00 = 10.00 = 7.0= post recal check
CONDUCTIVITY: 1413 = 1416.3
ORP (mV): 240 = 238.1

Calibration Date:
RDO: 100% sat. =
PH: 4.00 = 7.00 = 10.00 = Midday pH check 7.0 =
PH Recal (if needed): 4.00 = 7.00 = 10.00 = 7.0= post recal check
CONDUCTIVITY: =
ORP (mV): =

Calibration Date:
RDO: 100% sat. =
PH: 4.00 = 7.00 = 10.00 = Midday pH check 7.0 =
PH Recal (if needed): 4.00 = 7.00 = 10.00 = 7.0= post recal check
CONDUCTIVITY: =
ORP (mV): =

Daily Instrument Calibration Log

SITE: Grumman Rd

TECHNICIAN: A Schwalbach

INSTRUMENT S/N: Hach

INSTRUMENT TYPE: 1004000049743

CAL. SOLUTION:

0 NTU - LOT #	Fresh 01	EXP. DATE:	NA
10 NTU - LOT #	A1613	EXP. DATE:	4/22
20 NTU - LOT #	A1613	EXP. DATE:	4/22

Calibration Date: 9/21/21

Calibration Solution	Instrument Reading	
0.0	0.34	NTU
10.0	9.94	NTU
20.0	19.6	NTU

Calibration Date: 9/22/21

Calibration Solution	Instrument Reading	
0.0	0.41	NTU
10.0	10.3	NTU
20.0	20.5	NTU

Calibration Date: 9/23/21

Calibration Solution	Instrument Reading	
0.0	0.31	NTU
10.0	10.1	NTU
20.0	19.6	NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU

Grumman Road Landfill
September 2021 Well Inspection Form

Permit No.: 025-061D(LI)

1 - Location/Identification		GWA-7	GWA-8	GWB-4R	GWB-5R	GWC-6R	GWC-1	GWC-2	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13
a	Is the well visible and accessible?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
b	Is the well properly identified with the correct well ID?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
c	Does the well require protection from traffic?	No	No	No	No	No	No	No	No	No	No	No	No
d	Is the drainage around the well acceptable? (No standing water, nor is well located in obvious drainage flow path)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

NOTE: Form Derived from "Georgia EPD's Groundwater Monitoring Well Integrity Form".

Grumman Road Landfill
September 2021 Well Inspection Form

Permit No.: 025-061D(LI)

2 - Protective Outer Casing		GWA-7	GWA-8	GWB-4R	GWB-5R	GWC-6R	GWC-1	GWC-2	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13
a	Is the protective casing free from apparent damage?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
b	Is the casing free of degradation or deterioration?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
c	Does the casing have a functioning weep hole?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
d	Is the annular space between casings filled with pea gravel or sand?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
e	Is the well locked, and is the lock in good working condition?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

NOTE: Form Derived from "Georgia EPD's Groundwater Monitoring Well Integrity Form".

Grumman Road Landfill
September 2021 Well Inspection Form

Permit No.: 025-061D(LI)

3 - Surface Pad		GWA-7	GWA-8	GWB-4R	GWB-5R	GWC-6R	GWC-1	GWC-2	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13
a	Is the well pad in good condition? (Not cracked or broken)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
b	Does the well pad provide adequate surface seal and stability to the well?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
c	Is the well pad in complete contact with the protective casing?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
d	Is the well pad in complete contact with the ground surface? (Not undermined by erosion, animal burrows, and does not move when stepped on)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
e	Is the pad surface clean? (Not covered by soil or debris)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

NOTE: Form Derived from "Georgia EPD's Groundwater Monitoring Well Integrity Form".

Grumman Road Landfill
September 2021 Well Inspection Form

Permit No.: 025-061D(LI)

4 - Internal Well Casing

		GWA-7	GWA-8	GWB-4R	GWB-5R	GWC-6R	GWC-1	GWC-2	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13
a	Does the well cap prevent entry of foreign material into the well?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
b	Is the casing free of kinks or bends, or any obstruction from foreign objects (such as bailers) ?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
c	Does the well have a venting hole near the top of casing?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
d	Is the survey point clearly marked on the inner casing?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
e	Is the depth of the well consistent with the original well log?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
f	Does the PVC casing move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction?	No	No	No	No	No	No	No	No	No	No	No	No

5 - Sampling (Groundwater Monitoring Wells Only):

		GWA-7	GWA-8	GWB-4R	GWB-5R	GWC-6R	GWC-1	GWC-2	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13
a	Does the well recharge adequately when purged?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes	Yes	Yes
b	If dedicated sampling equipment is installed, is it in good condition?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
c	Does the well require redevelopment due to slow recharge or turbidity > 10 NTUs?	No	No	No	No	No	No	No	No	N/A	No	No	No

NOTE: N/A - Not Applicable
Form Derived from "Georgia EPD's Groundwater Monitoring Well Integrity Form".

Grumman Road Landfill
September 2021 Well Inspection Form

Permit No.: 025-061D(LI)

6 - Based on your professional judgment, is the well construction / location appropriate to:

	GWA-7	GWA-8	GWB-4R	GWB-5R	GWC-6R	GWC-1	GWC-2	GWC-9	GWC-10	GWC-11	GWC-12	GWC-13
1) achieve the objectives of the facility Groundwater Monitoring Program, and 2) comply with the applicable regulatory requirements?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

7 - Corrective actions completed and Notes:
GWA-8 - Redrilled vent hole. Corner of well pad repaired.
GWC-1 - Redrilled weep hole.
GWC-9 - Corner of well pad repaired.
GWC-12 - Well pad cleaned off.
NOTE: Form Derived from "Georgia EPD's Groundwater Monitoring Well Integrity Form".

Staff: A. Schnittker
Date: 9/20/2021

Grumman Road Landfill
September 2021 Well Inspection Form

Permit No.: 025-061D(LI)

1 - Location/Identification		GWC-14	GWC-15	GWC-16	GWC-17	GWC-20	GWC-21	GWC-22	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
a	Is the well visible and accessible?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
b	Is the well properly identified with the correct well ID?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
c	Does the well require protection from traffic?	No	No	No	No	No	No	No	No	No	No	No	No
d	Is the drainage around the well acceptable? (No standing water, nor is well located in obvious drainage flow path)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

NOTE: Form Derived from "Georgia EPD's Groundwater Monitoring Well Integrity Form".

Grumman Road Landfill
September 2021 Well Inspection Form

Permit No.: 025-061D(LI)

2 - Protective Outer Casing		GWC-14	GWC-15	GWC-16	GWC-17	GWC-20	GWC-21	GWC-22	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
a	Is the protective casing free from apparent damage?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
b	Is the casing free of degradation or deterioration?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
c	Does the casing have a functioning weep hole?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
d	Is the annular space between casings filled with pea gravel or sand?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
e	Is the well locked, and is the lock in good working condition?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

NOTE: Form Derived from "Georgia EPD's Groundwater Monitoring Well Integrity Form".

Grumman Road Landfill
September 2021 Well Inspection Form

Permit No.: 025-061D(LI)

3 - Surface Pad		GWC-14	GWC-15	GWC-16	GWC-17	GWC-20	GWC-21	GWC-22	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
a	Is the well pad in good condition? (Not cracked or broken)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
b	Does the well pad provide adequate surface seal and stability to the well?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
c	Is the well pad in complete contact with the protective casing?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
d	Is the well pad in complete contact with the ground surface? (Not undermined by erosion, animal burrows, and does not move when stepped on)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
e	Is the pad surface clean? (Not covered by soil or debris)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

NOTE: Form Derived from "Georgia EPD's Groundwater Monitoring Well Integrity Form".

Grumman Road Landfill
September 2021 Well Inspection Form

Permit No.: 025-061D(LI)

4 - Internal Well Casing

		GWC-14	GWC-15	GWC-16	GWC-17	GWC-20	GWC-21	GWC-22	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
a	Does the well cap prevent entry of foreign material into the well?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
b	Is the casing free of kinks or bends, or any obstruction from foreign objects (such as bailers) ?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
c	Does the well have a venting hole near the top of casing?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
d	Is the survey point clearly marked on the inner casing?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
e	Is the depth of the well consistent with the original well log?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
f	Does the PVC casing move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction?	No	No	No	No	No	No	No	No	No	No	No	No

5 - Sampling (Groundwater Monitoring Wells Only):

		GWC-14	GWC-15	GWC-16	GWC-17	GWC-20	GWC-21	GWC-22	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
a	Does the well recharge adequately when purged?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
b	If dedicated sampling equipment is installed, is it in good condition?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
c	Does the well require redevelopment due to slow recharge or turbidity > 10 NTUs?	No	No	No	No	No	No	No	No	No	No	No	No

NOTE: N/A - Not Applicable
Form Derived from "Georgia EPD's Groundwater Monitoring Well Integrity Form".

Grumman Road Landfill
September 2021 Well Inspection Form

Permit No.: 025-061D(LI)

6 - Based on your professional judgment, is the well construction / location appropriate to:

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-20	GWC-21	GWC-22	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
1) achieve the objectives of the facility Groundwater Monitoring Program, and 2) comply with the applicable regulatory requirements?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

7 - Corrective actions completed and Notes:
MW-23D through MW-27D - Added well labels.

Staff: A. Schnittker
Date: 9/20/2021

NOTE: Form Derived from "Georgia EPD's Groundwater Monitoring Well Integrity Form".

Pace Analytical Services, LLC
110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

October 17, 2021

Joju Abraham
Georgia Power-CCR
2480 Maner Road
Atlanta, GA 30339

RE: Project: GRUMMAN CLIFTON SEEP-Revised Report
Pace Project No.: 92563324

Dear Joju Abraham:

Enclosed are the analytical results for sample(s) received by the laboratory on September 24, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Gulf Coast
- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte
- Pace Analytical Services - Peachtree Corners, GA

This revision was issued on 10/17/21 to include appropriate qualifiation on the Nitrate result.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Nicole D'Oleo
nicole.d'oleo@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Owens Fuquea, ACC
Monte Jones, Atlantic Coast Consulting, Inc.
Kristen Jurinko
Matt Malone, Atlantic Coast Consulting
Betsy McDaniel, Atlantic Coast Consulting
Ms. Lauren Petty, Southern Company

REPORT OF LABORATORY ANALYSIS

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110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

CERTIFICATIONS

Project: GRUMMAN CLIFTON SEEP-Revised Report
Pace Project No.: 92563324

Pace Analytical Gulf Coast

7979 Innovation Park Drive, Baton Rouge, LA 70820
Arkansas Certification #: 88-0655
DoD ELAP Certification #: L18-597
Florida Certification #: E87854
Illinois Certification #: 004585
Kansas Certification #: E-10354
Louisiana/LELAP Certification #: 01955
North Carolina Certification #: 618
North Dakota Certification #: R-195
Oklahoma Certification #: 2019-101
South Carolina Certification #: 73006001
Texas Certification #: T104704178-19-11
USDA Soil Permit # P330-19-00209
Virginia Certification #: 460215
Washington Certification #: C929

Pace Analytical Services Charlotte

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

Pace Analytical Services Peachtree Corners

110 Technology Pkwy, Peachtree Corners, GA 30092
Florida DOH Certification #: E87315
Georgia DW Inorganics Certification #: 812
North Carolina Certification #: 381
South Carolina Certification #: 98011001

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SAMPLE SUMMARY

Project: GRUMMAN CLIFTON SEEP-Revised Report
Pace Project No.: 92563324

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92563324001	**CLIFTON SEEP**	Water	09/23/21 09:50	09/24/21 09:18

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: GRUMMAN CLIFTON SEEP-Revised Report
Pace Project No.: 92563324

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92563324001	**CLIFTON SEEP**	RSK-175	AWE	1	GCLA
		EPA 6010D	DRB, KH	6	PASI-GA
		EPA 6020B	CW1	15	PASI-GA
		EPA 7470A	VB	1	PASI-GA
		SM 2540C-2011	ALW	1	PASI-GA
		EPA 353.2	LH	2	PASI-GA
		SM 2320B-2011	SMK	3	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 350.1 Rev 2.0 1993	KDF1	1	PASI-A
		EPA 351.2 Rev 2.0 1993	MFO	1	PASI-A
		SM 5310B-2011	MDW	1	PASI-A

GCLA = Pace Analytical Gulf Coast
PASI-A = Pace Analytical Services - Asheville
PASI-C = Pace Analytical Services - Charlotte
PASI-GA = Pace Analytical Services - Peachtree Corners, GA

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SUMMARY OF DETECTION

Project: GRUMMAN CLIFTON SEEP-Revised Report
Pace Project No.: 92563324

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563324001	**CLIFTON SEEP**					
	Performed by	CUSTOMER			09/29/21 05:02	
	pH	8.56	Std. Units		09/29/21 05:02	
EPA 6010D	Iron	1.9	mg/L	0.040	10/05/21 17:20	
EPA 6010D	Manganese	0.013J	mg/L	0.040	10/05/21 17:20	
EPA 6010D	Potassium	63.6	mg/L	0.20	10/05/21 17:20	
EPA 6010D	Calcium	34.8	mg/L	1.0	10/05/21 17:20	
EPA 6010D	Magnesium	28.7	mg/L	0.050	10/05/21 17:20	
EPA 6010D	Sodium	386	mg/L	10.0	10/06/21 13:29	
EPA 6020B	Barium	0.31	mg/L	0.025	10/05/21 16:33	
EPA 6020B	Boron	15.8	mg/L	0.40	10/07/21 15:07	
EPA 6020B	Chromium	0.0055J	mg/L	0.025	10/05/21 16:33	D3
EPA 6020B	Lead	0.012	mg/L	0.0050	10/05/21 16:33	
EPA 6020B	Lithium	0.14J	mg/L	0.15	10/05/21 16:33	
EPA 6020B	Zinc	0.063	mg/L	0.050	10/05/21 16:33	
EPA 7470A	Mercury	0.00012J	mg/L	0.00020	10/06/21 15:47	B
SM 2540C-2011	Total Dissolved Solids	1200	mg/L	100	09/30/21 18:58	
EPA 353.2	Nitrogen, NO2 plus NO3	2.9	mg/L	0.20	09/24/21 16:39	M1
EPA 353.2	Nitrogen, Nitrate	2.6	mg/L	0.20	09/24/21 16:39	M1
SM 2320B-2011	Alkalinity,Bicarbonate (CaCO3)	975	mg/L	5.0	10/07/21 13:49	
SM 2320B-2011	Alkalinity,Carbonate (CaCO3)	178	mg/L	5.0	10/07/21 13:49	
SM 2320B-2011	Alkalinity, Total as CaCO3	1150	mg/L	5.0	10/07/21 13:49	
EPA 300.0 Rev 2.1 1993	Chloride	66.0	mg/L	1.0	09/27/21 06:35	
EPA 300.0 Rev 2.1 1993	Fluoride	0.43	mg/L	0.10	09/27/21 06:35	
EPA 300.0 Rev 2.1 1993	Sulfate	4.2	mg/L	1.0	09/27/21 06:35	
EPA 350.1 Rev 2.0 1993	Nitrogen, Ammonia	0.21	mg/L	0.10	10/07/21 09:33	
EPA 351.2 Rev 2.0 1993	Nitrogen, Kjeldahl, Total	3.7	mg/L	0.50	10/06/21 05:05	
SM 5310B-2011	Total Organic Carbon	66.3	mg/L	30.0	09/29/21 18:59	

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ANALYTICAL RESULTS

Project: GRUMMAN CLIFTON SEEP-Revised Report
Pace Project No.: 92563324

Sample: CLIFTON SEEP **Lab ID: 92563324001** Collected: 09/23/21 09:50 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/29/21 05:02		
pH	**8.56**	Std. Units			1		09/29/21 05:02		
Biodegradation Indicator Gases	Analytical Method: RSK-175 Pace Analytical Gulf Coast								
Methane	ND	ug/L	5.0	2.0	1		10/07/21 16:02	74-82-8	
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Iron	**1.9**	mg/L	0.040	0.025	1	10/05/21 11:40	10/05/21 17:20	7439-89-6	
Manganese	**0.013J**	mg/L	0.040	0.0043	1	10/05/21 11:40	10/05/21 17:20	7439-96-5	
Potassium	**63.6**	mg/L	0.20	0.15	1	10/05/21 11:40	10/05/21 17:20	7440-09-7	
Calcium	**34.8**	mg/L	1.0	0.12	1	10/05/21 11:40	10/05/21 17:20	7440-70-2	
Magnesium	**28.7**	mg/L	0.050	0.012	1	10/05/21 11:40	10/05/21 17:20	7439-95-4	
Sodium	**386**	mg/L	10.0	5.8	10	10/05/21 11:40	10/06/21 13:29	7440-23-5	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.015	0.0039	5	10/05/21 10:20	10/05/21 16:33	7440-36-0	D3
Arsenic	ND	mg/L	0.025	0.0057	5	10/05/21 10:20	10/05/21 16:33	7440-38-2	D3
Barium	**0.31**	mg/L	0.025	0.0034	5	10/05/21 10:20	10/05/21 16:33	7440-39-3	
Beryllium	ND	mg/L	0.0025	0.00027	5	10/05/21 10:20	10/05/21 16:33	7440-41-7	D3
Boron	**15.8**	mg/L	0.40	0.086	10	10/05/21 10:20	10/07/21 15:07	7440-42-8	
Cadmium	ND	mg/L	0.0025	0.00057	5	10/05/21 10:20	10/05/21 16:33	7440-43-9	D3
Chromium	**0.0055J**	mg/L	0.025	0.0055	5	10/05/21 10:20	10/05/21 16:33	7440-47-3	D3
Cobalt	ND	mg/L	0.025	0.0020	5	10/05/21 10:20	10/05/21 16:33	7440-48-4	D3
Lead	**0.012**	mg/L	0.0050	0.0044	5	10/05/21 10:20	10/05/21 16:33	7439-92-1	
Lithium	**0.14J**	mg/L	0.15	0.0036	5	10/05/21 10:20	10/05/21 16:33	7439-93-2	
Molybdenum	ND	mg/L	0.050	0.0037	5	10/05/21 10:20	10/05/21 16:33	7439-98-7	D3
Selenium	ND	mg/L	0.025	0.0068	5	10/05/21 10:20	10/05/21 16:33	7782-49-2	D3
Thallium	ND	mg/L	0.0050	0.00090	5	10/05/21 10:20	10/05/21 16:33	7440-28-0	D3
Vanadium	ND	mg/L	0.050	0.0093	5	10/05/21 10:20	10/05/21 16:33	7440-62-2	D3
Zinc	**0.063**	mg/L	0.050	0.035	5	10/05/21 10:20	10/05/21 16:33	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00012J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 15:47	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**1200**	mg/L	100	100	1		09/30/21 18:58		

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ANALYTICAL RESULTS

Project: GRUMMAN CLIFTON SEEP-Revised Report
Pace Project No.: 92563324

Sample: CLIFTON SEEP **Lab ID: 92563324001** Collected: 09/23/21 09:50 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
353.2 Nitrogen, NO2/NO3 unpres	Analytical Method: EPA 353.2								
	Pace Analytical Services - Peachtree Corners, GA								
Nitrogen, NO2 plus NO3	**2.9**	mg/L	0.20	0.16	5		09/24/21 16:39		M1
Nitrogen, Nitrate	**2.6**	mg/L	0.20	0.11	5		09/24/21 16:39	14797-55-8	M1
2320B Alkalinity	Analytical Method: SM 2320B-2011								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**975**	mg/L	5.0	5.0	1		10/07/21 13:49		
Alkalinity,Carbonate (CaCO3)	**178**	mg/L	5.0	5.0	1		10/07/21 13:49		
Alkalinity, Total as CaCO3	**1150**	mg/L	5.0	5.0	1		10/07/21 13:49		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993								
	Pace Analytical Services - Asheville								
Chloride	**66.0**	mg/L	1.0	0.60	1		09/27/21 06:35	16887-00-6	
Fluoride	**0.43**	mg/L	0.10	0.050	1		09/27/21 06:35	16984-48-8	
Sulfate	**4.2**	mg/L	1.0	0.50	1		09/27/21 06:35	14808-79-8	
350.1 Ammonia	Analytical Method: EPA 350.1 Rev 2.0 1993								
	Pace Analytical Services - Asheville								
Nitrogen, Ammonia	**0.21**	mg/L	0.10	0.031	1		10/07/21 09:33	7664-41-7	
351.2 Total Kjeldahl Nitrogen	Analytical Method: EPA 351.2 Rev 2.0 1993 Preparation Method: EPA 351.2 Rev 2.0 1993								
	Pace Analytical Services - Asheville								
Nitrogen, Kjeldahl, Total	**3.7**	mg/L	0.50	0.25	1	10/05/21 20:48	10/06/21 05:05	7727-37-9	
5310B TOC	Analytical Method: SM 5310B-2011								
	Pace Analytical Services - Asheville								
Total Organic Carbon	**66.3**	mg/L	30.0	15.0	30		09/29/21 18:59	7440-44-0	

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Peachtree Corners, GA 30092
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QUALITY CONTROL DATA

Project: GRUMMAN CLIFTON SEEP-Revised Report
Pace Project No.: 92563324

QC Batch: 722697
QC Batch Method: RSK-175
Analysis Method: RSK-175
Analysis Description: Biodegradation Indicator Gases
Laboratory: Pace Analytical Gulf Coast
Associated Lab Samples: 92563324001

METHOD BLANK: 2248674
Matrix: Water
Associated Lab Samples: 92563324001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Methane	ug/L	ND	5.0	2.0	10/07/21 11:15	

LABORATORY CONTROL SAMPLE & LCSD: 2248675 2248676

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Methane	ug/L	380	370	400	95	105	70-130	10	30	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: GRUMMAN CLIFTON SEEP-Revised Report
Pace Project No.: 92563324

QC Batch: 650835
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010D ATL
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92563324001

METHOD BLANK: 3412995
Matrix: Water
Associated Lab Samples: 92563324001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Calcium	mg/L	ND	1.0	0.12	10/05/21 15:22	
Iron	mg/L	ND	0.040	0.025	10/05/21 15:22	
Magnesium	mg/L	ND	0.050	0.012	10/05/21 15:22	
Manganese	mg/L	ND	0.040	0.0043	10/05/21 15:22	
Potassium	mg/L	ND	0.20	0.15	10/05/21 15:22	
Sodium	mg/L	ND	1.0	0.58	10/05/21 15:22	

LABORATORY CONTROL SAMPLE: 3412996

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium	mg/L	1	1.1	107	80-120	
Iron	mg/L	1	1.0	102	80-120	
Magnesium	mg/L	1	1.1	106	80-120	
Manganese	mg/L	1	1.0	103	80-120	
Potassium	mg/L	1	1.0	103	80-120	
Sodium	mg/L	1	1.1	111	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3412997 3412998

Parameter	Units	92563313021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Calcium	mg/L	4.7	1	1	5.7	5.6	104	98	75-125	1	20	
Iron	mg/L	6.4	1	1	7.5	7.5	104	101	75-125	0	20	
Magnesium	mg/L	0.98	1	1	2.1	2.0	108	105	75-125	2	20	
Manganese	mg/L	0.11	1	1	1.2	1.1	104	103	75-125	1	20	
Potassium	mg/L	1.5	1	1	2.6	2.6	105	105	75-125	0	20	
Sodium	mg/L	7.0	1	1	8.1	8.0	108	100	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: GRUMMAN CLIFTON SEEP-Revised Report
Pace Project No.: 92563324

QC Batch: 650836
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92563324001

METHOD BLANK: 3412999
Matrix: Water
Associated Lab Samples: 92563324001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00078	10/05/21 15:42	
Arsenic	mg/L	ND	0.0050	0.0011	10/05/21 15:42	
Barium	mg/L	ND	0.0050	0.00067	10/05/21 15:42	
Beryllium	mg/L	ND	0.00050	0.000054	10/05/21 15:42	
Boron	mg/L	ND	0.040	0.0086	10/05/21 15:42	
Cadmium	mg/L	ND	0.00050	0.00011	10/05/21 15:42	
Chromium	mg/L	ND	0.0050	0.0011	10/05/21 15:42	
Cobalt	mg/L	ND	0.0050	0.00039	10/05/21 15:42	
Lead	mg/L	ND	0.0010	0.00089	10/05/21 15:42	
Lithium	mg/L	ND	0.030	0.00073	10/05/21 15:42	
Molybdenum	mg/L	ND	0.010	0.00074	10/05/21 15:42	
Selenium	mg/L	ND	0.0050	0.0014	10/05/21 15:42	
Thallium	mg/L	ND	0.0010	0.00018	10/05/21 15:42	
Vanadium	mg/L	ND	0.010	0.0019	10/05/21 15:42	
Zinc	mg/L	ND	0.010	0.0070	10/05/21 15:42	

LABORATORY CONTROL SAMPLE: 3413000

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.099	99	80-120	
Arsenic	mg/L	0.1	0.098	98	80-120	
Barium	mg/L	0.1	0.093	93	80-120	
Beryllium	mg/L	0.1	0.091	91	80-120	
Boron	mg/L	1	0.90	90	80-120	
Cadmium	mg/L	0.1	0.10	100	80-120	
Chromium	mg/L	0.1	0.096	96	80-120	
Cobalt	mg/L	0.1	0.095	95	80-120	
Lead	mg/L	0.1	0.097	97	80-120	
Lithium	mg/L	0.1	0.090	90	80-120	
Molybdenum	mg/L	0.1	0.10	102	80-120	
Selenium	mg/L	0.1	0.093	93	80-120	
Thallium	mg/L	0.1	0.096	96	80-120	
Vanadium	mg/L	0.1	0.098	98	80-120	
Zinc	mg/L	0.1	0.10	102	80-120	

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QUALITY CONTROL DATA

Project: GRUMMAN CLIFTON SEEP-Revised Report
Pace Project No.: 92563324

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3413001 3413002

Parameter	Units	92563313022 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	mg/L	ND	0.1	0.1	0.10	0.098	100	98	75-125	2	20	
Arsenic	mg/L	ND	0.1	0.1	0.097	0.097	97	97	75-125	0	20	
Barium	mg/L	0.024	0.1	0.1	0.12	0.12	95	93	75-125	2	20	
Beryllium	mg/L	ND	0.1	0.1	0.088	0.087	88	87	75-125	2	20	
Boron	mg/L	0.012J	1	1	0.89	0.89	87	88	75-125	0	20	
Cadmium	mg/L	ND	0.1	0.1	0.10	0.099	103	99	75-125	4	20	
Chromium	mg/L	ND	0.1	0.1	0.097	0.096	97	96	75-125	1	20	
Cobalt	mg/L	ND	0.1	0.1	0.099	0.096	99	96	75-125	3	20	
Lead	mg/L	ND	0.1	0.1	0.098	0.095	98	95	75-125	4	20	
Lithium	mg/L	ND	0.1	0.1	0.090	0.089	90	88	75-125	2	20	
Molybdenum	mg/L	ND	0.1	0.1	0.10	0.10	103	99	75-125	4	20	
Selenium	mg/L	ND	0.1	0.1	0.095	0.094	95	94	75-125	1	20	
Thallium	mg/L	ND	0.1	0.1	0.097	0.093	97	93	75-125	4	20	
Vanadium	mg/L	ND	0.1	0.1	0.097	0.098	97	98	75-125	1	20	
Zinc	mg/L	ND	0.1	0.1	0.10	0.10	102	102	75-125	0	20	

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QUALITY CONTROL DATA

Project: GRUMMAN CLIFTON SEEP-Revised Report
Pace Project No.: 92563324

QC Batch: 650962
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92563324001

METHOD BLANK: 3413822 Matrix: Water
Associated Lab Samples: 92563324001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	0.00010J	0.00020	0.000078	10/06/21 14:57	

LABORATORY CONTROL SAMPLE: 3413823

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.0025	0.0026	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3413824 3413825

Parameter	Units	92563313021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	0.00010J	0.0025	0.0025	0.0025	0.0024	94	94	75-125	1	20	

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QUALITY CONTROL DATA

Project: GRUMMAN CLIFTON SEEP-Revised Report
Pace Project No.: 92563324

QC Batch: 650109
QC Batch Method: SM 2540C-2011
Analysis Method: SM 2540C-2011
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92563324001

METHOD BLANK: 3409662 Matrix: Water
Associated Lab Samples: 92563324001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	09/30/21 18:57	

LABORATORY CONTROL SAMPLE: 3409663

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	396	99	90-111	

SAMPLE DUPLICATE: 3409664

Parameter	Units	92563226001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	277	284	2	10	

SAMPLE DUPLICATE: 3409665

Parameter	Units	92563599002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	78.0	85.0	9	10	

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QUALITY CONTROL DATA

Project: GRUMMAN CLIFTON SEEP-Revised Report
Pace Project No.: 92563324

QC Batch: 649328
QC Batch Method: EPA 353.2
Analysis Method: EPA 353.2
Analysis Description: 353.2 Nitrate + Nitrite, Unpres. G
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92563324001

METHOD BLANK: 3405932 Matrix: Water
Associated Lab Samples: 92563324001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Nitrate	mg/L	ND	0.040	0.021	09/24/21 16:37	
Nitrogen, NO2 plus NO3	mg/L	ND	0.040	0.033	09/24/21 16:37	

LABORATORY CONTROL SAMPLE: 3405933

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Nitrate	mg/L	1.5	1.6	109	90-110	
Nitrogen, NO2 plus NO3	mg/L	2.5	2.6	104	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3405934 3405935

Parameter	Units	92563324001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Nitrate	mg/L	2.6	1.5	1.5	11.0	11.1	556	566	90-110	1	10	M1
Nitrogen, NO2 plus NO3	mg/L	2.9	2.5	2.5	16.2	16.6	529	545	90-110	2	10	M1

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QUALITY CONTROL DATA

Project: GRUMMAN CLIFTON SEEP-Revised Report
Pace Project No.: 92563324

QC Batch: 651110
QC Batch Method: SM 2320B-2011
Analysis Method: SM 2320B-2011
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92563324001

METHOD BLANK: 3414565 Matrix: Water
Associated Lab Samples: 92563324001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	10/06/21 16:53	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	10/06/21 16:53	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	10/06/21 16:53	

LABORATORY CONTROL SAMPLE: 3414566

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.5	103	80-120	

LABORATORY CONTROL SAMPLE: 3414567

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	52.0	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3414570 3414571

Parameter	Units	92563901006 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	13.7	50	50	66.5	67.5	106	108	80-120	1	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3415184 3415185

Parameter	Units	92563901005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	14.9	50	50	69.9	56.1	110	82	80-120	22	25	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: GRUMMAN CLIFTON SEEP-Revised Report
Pace Project No.: 92563324

QC Batch: 649417
QC Batch Method: EPA 300.0 Rev 2.1 1993
Analysis Method: EPA 300.0 Rev 2.1 1993
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92563324001

METHOD BLANK: 3406135
Matrix: Water
Associated Lab Samples: 92563324001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	09/26/21 23:56	
Fluoride	mg/L	ND	0.10	0.050	09/26/21 23:56	
Sulfate	mg/L	ND	1.0	0.50	09/26/21 23:56	

LABORATORY CONTROL SAMPLE: 3406136

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	45.2	90	90-110	
Fluoride	mg/L	2.5	2.3	93	90-110	
Sulfate	mg/L	50	48.2	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3406137 3406138

Parameter	Units	92563313018 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	38.9	50	50	91.2	92.8	105	108	90-110	2	10	
Fluoride	mg/L	ND	2.5	2.5	2.7	2.8	110	114	90-110	4	10	M1
Sulfate	mg/L	905	50	50	955	950	99	90	90-110	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3406139 3406140

Parameter	Units	92563313028 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	ND	50	50	52.1	53.7	104	107	90-110	3	10	
Fluoride	mg/L	ND	2.5	2.5	2.8	2.9	112	114	90-110	2	10	M1
Sulfate	mg/L	ND	50	50	57.6	59.4	115	119	90-110	3	10	M1

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QUALITY CONTROL DATA

Project: GRUMMAN CLIFTON SEEP-Revised Report
Pace Project No.: 92563324

QC Batch: 651318
QC Batch Method: EPA 350.1 Rev 2.0 1993
Analysis Method: EPA 350.1 Rev 2.0 1993
Analysis Description: 350.1 Ammonia
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92563324001

METHOD BLANK: 3415754 Matrix: Water
Associated Lab Samples: 92563324001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Ammonia	mg/L	ND	0.10	0.031	10/07/21 09:07	

LABORATORY CONTROL SAMPLE: 3415755

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Ammonia	mg/L	5	4.9	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3415756 3415757

Parameter	Units	92563055001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Ammonia	mg/L	ND	5	5	5.0	5.0	101	100	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3415758 3415759

Parameter	Units	92563322001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Ammonia	mg/L	2.5	5	5	7.4	7.4	99	99	90-110	0	10	

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QUALITY CONTROL DATA

Project: GRUMMAN CLIFTON SEEP-Revised Report
Pace Project No.: 92563324

QC Batch: 650928
QC Batch Method: EPA 351.2 Rev 2.0 1993
Analysis Method: EPA 351.2 Rev 2.0 1993
Analysis Description: 351.2 TKN
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92563324001

METHOD BLANK: 3413590 Matrix: Water
Associated Lab Samples: 92563324001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	ND	0.50	0.25	10/06/21 04:45	

LABORATORY CONTROL SAMPLE: 3413591

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Nitrogen, Kjeldahl, Total	mg/L	10	9.9	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3413592 3413593

Parameter	Units	92563028002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Kjeldahl, Total	mg/L	275	10	10	295	296	201	212	90-110	0	10	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3413594 3413595

Parameter	Units	92563055001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Nitrogen, Kjeldahl, Total	mg/L	0.92	10	10	11.2	11.4	103	105	90-110	2	10	

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QUALITY CONTROL DATA

Project: GRUMMAN CLIFTON SEEP-Revised Report
Pace Project No.: 92563324

QC Batch: 649713
QC Batch Method: SM 5310B-2011
Analysis Method: SM 5310B-2011
Analysis Description: 5310B TOC
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92563324001

METHOD BLANK: 3407403
Matrix: Water
Associated Lab Samples: 92563324001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Organic Carbon	mg/L	ND	1.0	0.50	09/28/21 17:43	

LABORATORY CONTROL SAMPLE: 3407404

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Organic Carbon	mg/L	25	24.3	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3407405 3407406

Parameter	Units	92559923001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	ND	25	25	25.0	25.4	100	101	90-110	2	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3407407 3407408

Parameter	Units	92562010001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Total Organic Carbon	mg/L	7.0	25	25	32.6	32.7	102	103	90-110	0	10	

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QUALIFIERS

Project: GRUMMAN CLIFTON SEEP-Revised Report
Pace Project No.: 92563324

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GRUMMAN CLIFTON SEEP-Revised Report
Pace Project No.: 92563324

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92563324001	**CLIFTON SEEP**				
92563324001	**CLIFTON SEEP**	RSK-175	722697		
92563324001	**CLIFTON SEEP**	EPA 3010A	650835	EPA 6010D	650941
92563324001	**CLIFTON SEEP**	EPA 3005A	650836	EPA 6020B	650948
92563324001	**CLIFTON SEEP**	EPA 7470A	650962	EPA 7470A	651162
92563324001	**CLIFTON SEEP**	SM 2540C-2011	650109		
92563324001	**CLIFTON SEEP**	EPA 353.2	649328		
92563324001	**CLIFTON SEEP**	SM 2320B-2011	651110		
92563324001	**CLIFTON SEEP**	EPA 300.0 Rev 2.1 1993	649417		
92563324001	**CLIFTON SEEP**	EPA 350.1 Rev 2.0 1993	651318		
92563324001	**CLIFTON SEEP**	EPA 351.2 Rev 2.0 1993	650928	EPA 351.2 Rev 2.0 1993	651039
92563324001	**CLIFTON SEEP**	SM 5310B-2011	649713		

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Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☑ Kernersville ☐

Sample Condition Upon Receipt

Client Name: GA power **Project #:**

WO# : 92563324
92563324

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace ☐ Other ____

Custody Seal Present? ☐ Yes ☑ No Seals Intact? ☐ Yes ☑ No

Date/Initials Person Examining Contents: MF 9/24/

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☑ Other

Biological Tissue Frozen? ☐ Yes ☑ No ☐ N/A

Thermometer: ☐ IR Gun ID: 230 ☑ Wet ☐ Blue ☐ None

Type of Ice:

Cooler Temp: 5.3 Correction Factor: Add/Subtract (°C) ±0.1

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 5.4

USDA Regulated Soil (☐ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☑ No

Did samples originate from a foreign source (international shipment including Hawaii and Puerto Rico)? ☐ Yes ☑ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☑ Yes	☐ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☑ Yes	☐ No	☐ N/A	8.
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: WT				
Headspace in VOA Vials (>6mm)?	☐ Yes	☑ No	☐ N/A	10.
Trip Blank Present?	☐ Yes	☐ No	☑ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☑ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION Nitrate by 353.2

Person contacted: Matt Malone Date/Time: 9/24/21 10:59

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 2 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project # **WO#: 92563324**

PM: NMG Due Date: 10/08/21

CLIENT: GA-GA Power

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG4U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	AG3A(DG3A)-250 mL Amber NaHSO (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VOAF-40 mL VOA Na2S2O3 (N/A)	VOA2-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VOA8 (8 vials per kit)-5035 kit (N/A)	VG9D (3 vials per kit)-Methylene kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	8/24	BP3A-250 mL Plastic (NH4)2SO4 (3.1-9.7)	AG0U-500 mL Amber Unpreserved vials (N/A)	VG0U-20 mL Scintillation vials (N/A)	DG0U-40 mL Amber Unpreserved vials (N/A)
1	2	1	1		2	2													3					2	2				3
2																												
3																												
4																												
5																												
6																												
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10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #
[illegible]	Sulfuric acid	8	9/24/21	1:10	[illegible] mL	[illegible]

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

1 of 1

Page: 5 of 5

Section A
Required Client Information

Company: GA Power
Address: Atlanta, GA
Email To: SCS Contacts
Phone: Fax:
Requested Due Date/TAT: 10 Day

Section B
Required Project Information

Report To: SCS Contacts
Copy To: ADC Contacts
Purchase Order No.:
Project Name: [illegible] Seep
Project Number:

Section C
Invoice Information

Attention: Southern Co.
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Kevin Herring
Pace Profile #: 10843

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☑ OTHER

Site Location STATE: GA

Section D
Required Client Information

Valid Matrix Codes: WATER, WW, GW, SL, OIL, WIPE, AIR, OTHER, TISSUE

ITEM #	SAMPLE ID (A-Z, 0-9 / , -) Sample IDs MUST BE UNIQUE	MATRIX CODE	SAMPLE TYPE (G=GRAB, C=COMP)	COLLECTED DATE	COLLECTED TIME	COLLECTED DATE	COLLECTED TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test ↓	TDS	Chloride/Fluoride/Sulfate 300.0	Nitrate 300.0	Sulfate (Diss, Calc, Total)	Alkalinity (Total)	TOC	Total Phenols/Total Metals *	RAD 226/228	Dissolved Methane	Residual Chlorine (Y/N)	Pace Project No./Lab I.D.
																		Requested Analysis Filtered (Y/N)	N	N	N	N	N	N	N	N	N	
1	Clifton Seep	WT	G	9/23/21	950	—	—		15	✓	✓						✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	field pH = 8.56
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
End of Project	[signature]	9/24/21	0918	[signature]	9/24	0918	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Aryn Schnatter

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 9/23/21 0918

Temp in °C | Received on Ice (Y/N) | Custody Seals Intact (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pace Analytical Services, LLC
110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

November 03, 2021

Joju Abraham
Georgia Power-CCR
2480 Maner Road
Atlanta, GA 30339

RE: Project: GRUMMAN CLIFTON SEEP RADS
Pace Project No.: 92563301

Dear Joju Abraham:

Enclosed are the analytical results for sample(s) received by the laboratory on September 24, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Nicole D'Oleo

Nicole D'Oleo
nicole.d'oleo@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Owens Fuquea, ACC
Monte Jones, Atlantic Coast Consulting, Inc.
Kristen Jurinko
Matt Malone, Atlantic Coast Consulting
Betsy McDaniel, Atlantic Coast Consulting
Ms. Lauren Petty, Southern Company

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CERTIFICATIONS

Project: GRUMMAN CLIFTON SEEP RADS
Pace Project No.: 92563301

Pace Analytical Services Pennsylvania
1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 04222CA
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
Delaware Certification
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Florida: Cert E871149 SEKS WET
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas/TNI Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA180012
Louisiana DEQ/TNI Certification #: 4086
Maine Certification #: 2017020
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572018-1
New Hampshire/TNI Certification #: 297617
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-010
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: 02867
Texas/TNI Certification #: T104704188-17-3
Utah/TNI Certification #: PA014572017-9
USDA Soil Permit #: P330-17-00091
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 9526
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad
Wyoming Certification #: 8TMS-L

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SAMPLE SUMMARY

Project: GRUMMAN CLIFTON SEEP RADS
Pace Project No.: 92563301

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92563301001	**CLIFTON SEEP**	Water	09/23/21 09:50	09/24/21 09:18

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: GRUMMAN CLIFTON SEEP RADS
Pace Project No.: 92563301

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92563301001	**CLIFTON SEEP**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA

PASI-PA = Pace Analytical Services - Greensburg

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SUMMARY OF DETECTION

Project: GRUMMAN CLIFTON SEEP RADS
Pace Project No.: 92563301

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563301001	**CLIFTON SEEP**					
EPA 9315	Radium-226	0.539 ± 0.452 (0.852) C:96% T:NA	pCi/L		10/19/21 10:33	
EPA 9320	Radium-228	1.24 ± 1.04 (2.06) C:66% T:34%	pCi/L		10/07/21 14:40	
Total Radium Calculation	Total Radium	1.78 ± 1.49 (2.91)	pCi/L		10/20/21 17:24	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN CLIFTON SEEP RADS
Pace Project No.: 92563301

Sample: CLIFTON SEEP **Lab ID: 92563301001** Collected: 09/23/21 09:50 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.539 ± 0.452 (0.852)** **C:96% T:NA**	pCi/L	10/19/21 10:33	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.24 ± 1.04 (2.06)** **C:66% T:34%**	pCi/L	10/07/21 14:40	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.78 ± 1.49 (2.91)**	pCi/L	10/20/21 17:24	7440-14-4	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: GRUMMAN CLIFTON SEEP RADS
Pace Project No.: 92563301

QC Batch: 466957
QC Batch Method: EPA 9315
Analysis Method: EPA 9315
Analysis Description: 9315 Total Radium
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 92563301001

METHOD BLANK: 2255015
Matrix: Water
Associated Lab Samples: 92563301001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.0260 ± 0.142 (0.353) C:102% T:NA	pCi/L	10/19/21 08:55	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL - RADIOCHEMISTRY

Project: GRUMMAN CLIFTON SEEP RADS
Pace Project No.: 92563301

QC Batch: 466414
QC Batch Method: EPA 9320
Analysis Method: EPA 9320
Analysis Description: 9320 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 92563301001

METHOD BLANK: 2252282
Matrix: Water
Associated Lab Samples: 92563301001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.518 ± 0.384 (0.750) C:67% T:88%	pCi/L	10/07/21 11:23	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: GRUMMAN CLIFTON SEEP RADS
Pace Project No.: 92563301

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GRUMMAN CLIFTON SEEP RADS
Pace Project No.: 92563301

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92563301001	**CLIFTON SEEP**	EPA 9315	466957		
92563301001	**CLIFTON SEEP**	EPA 9320	466414		
92563301001	**CLIFTON SEEP**	Total Radium Calculation	469112		

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Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 1 of 3
	Document No.: F-CAR-C3-013-Rev.07	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☑ Kernersville ☐

Sample Condition Upon Receipt

Client Name: GA power

Project #

WO# : 92563301

92563301

Courier: ☐ Commercial ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Pace ☐ Other:

Custody Seal Present? ☐ Yes ☑ No Seals Intact? ☐ Yes ☑ No

Date/Initials Person Examining Contents: MT 9/24/

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☑ Other

Biological Tissue Frozen? ☐ Yes ☑ No ☐ N/A

Thermometer: ☐ IR Gun ID: 230 ☑ Wet ☐ Blue ☐ None

Type of Ice:

Cooler Temp: 5.3 Correction Factor: Add/Subtract (°C) ±0.1

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 5.4

USDA Regulated Soil (☐ N/A, water sample)

Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☑ No

Did samples originate from a foreign source (international shipments including Hawaii and Puerto Rico)? ☐ Yes ☑ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☑ Yes	☐ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☑ Yes	☐ No	☐ N/A	8.
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: WT				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☑ No	☐ N/A	10.
Trip Blank Present?	☐ Yes	☐ No	☑ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☑ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 2 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project # **WO# : 92563301**

PM: NHG Due Date: 10/15/21

CLIENT: GA-GA Power

Item#	BNU-125 mL Plastic Unpreserved (N/A) (CL)	BPU-250 mL Plastic Unpreserved (N/A)	BPU-500 mL Plastic Unpreserved (N/A)	BPU-1 liter Plastic Unpreserved (N/A)	BPN-125 mL Plastic H2SO4 (pH < 2) (CL)	BPN-250 mL plastic HNO3 (pH < 2)	BPZ-125 mL Plastic ZN Acetate & NaOH (>9)	BPZ-125 mL Plastic NaOH (pH > 12) (CL)	WGFU-Wide mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (CL)	AG2U-1 liter Amber HCl (pH < 2)	AG4U-250 mL Amber Unpreserved (N/A) (CL)	AG5U-1 liter Amber H2SO4 (pH < 2)	AG3U-250 mL Amber H2SO4 (pH < 2)	AG1U(DG,BA)-250 mL Amber NaHSO4 (N/A)(CL)	DG9H-40 mL VOA HCl (N/A)	VG9H-40 mL VOA NaS2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VG4U (6 vials per kit)-5035 kit (N/A)	VG4U (3 vials per kit)-Vitris/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP5T-250 mL Sterile Plastic (N/A - lab)	[illegible]	BP3A-250 mL Plastic (NaOH/ZnOAc) (9.0-9.7)	AG0U-500 mL Amber Unpreserved vials (N/A)	VG0U-20 mL Scintillation vials (N/A)	DG0U-40 mL Amber Unpreserved vials (N/A)
1	2	1	1		2	1													3					2	2				2
2																													
3																													
4																													
5																													
6																													
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10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #
[illegible]	[illegible]	8	9/29/21	11:00	[illegible]	[illegible]

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

Section A Required Client Information
Company: GA Power
Address: Atlanta, GA
Report To: SCS Contacts
Email:
Phone: Fax:
Requested Due Date/TAT: 10 day

Section B Required Project Information
Report To: SCS Contacts
Copy To: ACC Contacts
Purchase Order No.:
Project Name: Cleveland Road Landfill Groundwater Clifton Seep
Project Number:

Section C Invoice Information
Attention: Southern Co.
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Kevin Herring
Pace Profile #: 10543

REGULATORY AGENCY
☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☒ OTHER

Site Location STATE: GA

Section D Required Client Information

Valid Matrix Codes: WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AIR; TISSUE TS; OTHER OT

ITEM #	SAMPLE ID (A-Z, 0-9 / , -) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED DATE	COLLECTED TIME	DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other Methylene Chloride	Analysis Test ↓	Residual Chlorine (Y/N)	Pace Project No./Lab I.D.
1	Clifton Seep	WT	G	9/23/21	950	—	—		15	✓		✓					✓			field pH = 8.56
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

Requested Analysis Filtered (Y/N): N N N N N N N N N

Analysis Test ↓	Y/N
TDS	N
Chloride/Fluoride/Sulfate 300.0	N
Nitrate 300.0	N
Alkalinity (total, carb, bicarb)	N
Ammonia (Total)	N
TOC	N
Sub. Sol.(Aqueous/Solid Matrix)	N
TKN SM4500	N
Dissolved orthophos	N

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
End of Project	[signature]	9/24/21	0918	[signature]	9/24	0918	

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Aaron Schnettler
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 9/23/21 0918

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

Temperature Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.0% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-Feb-2007

Quality Control Sample Performance Assessment

Quality Control Sample Performance Assessment

Analytical Results Flagged As Outside Of Control Limits Are Highlighted In Yellow

[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

Method Blank Summary	
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

Laboratory Control Sample Summary		
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

Surrogate Recovery Summary		
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

Matrix Spike/Matrix Spike Duplicate Summary		
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]

Comments

(illegible)

Quality Control Sample Performance Assessment

Quality Control Sample Performance Assessment

LEVEL 2A LABORATORY DATA VALIDATIONS

Grumman Road – Clifton Seep

Semiannual Event

September 2021

Georgia Power Company – Clifton Seep

Quality Control Review of Analytical Data – September 2021

This narrative presents results of the Quality Control (QC) data review performed on analytical data submitted by Pace Analytical Services, Asheville, Atlanta, Charlotte, Gulf Coast, and Pittsburgh for the water sample collected at Grumman Road Clifton Seep on September 23, 2021. The chemical data were reviewed to identify quality issues which could affect the use of the data for decision-making purposes.

Information regarding the primary sample location, analytical parameters, QC samples, sampling date, and laboratory sample delivery group (SDG) designations is summarized in Table 1 of this Appendix. SDG 92563324 was revised to add a missing qualification for nitrate analysis.

In accordance with water monitoring and corrective action procedures discussed in Title 40 CFR, Subpart D – Standards for the Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments, the sample was analyzed for detected monitoring constituents listed in 40 CFR, Part 257, Appendix III and assessment monitoring constituents listed in 40 CFR, Part 257, Appendix IV. Test methods included Inductively Coupled Plasma (USEPA 6010D), Inductively Coupled Plasma – Mass Spectrometry (USEPA Method 6020B), Mercury in Liquid Wastes (USEPA Method 7470A), Determination of Inorganic Anions (USEPA Method 300.0), Solids in Water (Standard Methods 2540C), Radium-226 (USEPA 9315), and Radium-228 (USEPA Method 9320) as well as select geochemical indicator parameters.

Data were reviewed in accordance with the USEPA Region IV Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy (September 2011, Rev. 2.0)[1] and the National Functional Guidelines for Inorganic Superfund Methods Data Review (January 2017)[2]. The review included an assessment of the results for completeness, precision (laboratory duplicate recoveries and matrix spike/matrix spike duplicate recoveries), accuracy (laboratory control samples and matrix spike samples), and blank contamination (laboratory blanks). Sample receipt conditions, holding times, and chains of custody (COCs) were reviewed. Where there was a discrepancy between the QC criteria in the guidelines and the QC criterion established in the analytical methodology, method-specific criteria or professional judgment were used.

DATA QUALITY OBJECTIVES

Laboratory Precision: Laboratory goals for precision were met.

Field Precision: Field goals for precision were not applicable to this sampling event.

Accuracy: Laboratory goals for accuracy were met, with the exceptions of nitrate and combined NO3-NO2 as described in the qualifications section below.

Detection Limits: Project goals for detection limits were met. Certain analyses were diluted due to the concentration of target or non-target analyte interferences. Dilutions do not require qualifications based on USEPA guidelines. Reporting limits (RLs) of non-detect compounds are elevated proportional to the dilution when undiluted sample results were not provided by the laboratory. The data usability of diluted results was evaluated by the data user in the context of site-wide characterization.

Completeness: There were no rejected analytical results for this event, resulting in a completion of 100%.

Holding Times: Holding time requirements were met.

QUALIFICATIONS

In general, chemical results for the sample collected at the site were qualified on the basis of low precision or low accuracy or on the basis of professional judgment. The following definitions provide brief explanations of the qualifiers which may have been assigned to data by the laboratory during the validation process:

J: The analyte was positively identified above the method detection limit; however, the associated numerical value is the approximate concentration of the analyte in the sample

ND: The analyte was not detected above the method detection limit

The data generated as part of this sampling event met the QC criteria established in the respective analytical methods and data validation guidelines except as specified below. The applied qualifications may not have been required for all samples collected at the site. A summary of sample qualifications can be found in Table 2 of this Appendix.

- Sample CLIFTON SEEP (92563324001) was qualified as estimated (J) for nitrate and NO3 plus NO2 as the associated matrix spike (MS) and matrix spike duplicate (MSD) recoveries were outside QC criteria (nitrate 556% and 566% and NO3-NO2 529% and 545% above the range of 90-110).

- The mercury result was qualified as non-detect (ND) due to the analyte(s) being detected at a similar concentration in an associated blank sample. As shown in Table 2, when the original sample result was below the RL, the method detection limit (MDL) was raised to the sample result as part of the qualification process.

Atlantic Coast Consulting, Inc. reviewed the laboratory data from Grumman Road Clifton Seep sampled on September 23, 2021 in accordance with the analytical methods, the laboratory-specified QC criteria, and the guidelines. As described above, the results were acceptable for project use.

REFERENCES

[1]USEPA, September 2011, Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy, Revision 2.0

[2]USEPA, January 2017, National Office of Superfund Remediation and Technology Innovation, National Functional Guidelines for Inorganic Superfund Methods Data Review, Revision 0.0

TABLE 1

Georgia Power Company – Clifton Seep

Sample Summary Table – September 2021

						Analyses			
SDG	Field Identification	Collection Date	Lab Identification	Matrix	QC Samples	Metals (6010D, 6020B, 7470A)	Anions (300.0)	TDS (SM 2540C)	Radium-226/-228 (9315, 9320)
563324	CLIFTON SEEP	9/23/2021	92563324001	W		X	X	X	
563301	CLIFTON SEEP	9/23/2021	92563301001	W					X

Abbreviations:
EB – Equipment Blank
FB – Field Blank
FD – Field Duplicate
GW – Groundwater
QC – Quality Control
TDS – Total Dissolved Solids
W – Water
WQ – Water Quality Control

TABLE 2

Georgia Power Company – Clifton Seep

Qualifier Summary Table – September 2021

SDG	Field Identification	Constituent	New RL	New MDL or MDC	Qualifier	Reason
563324	CLIFTON SEEP	Mercury		0.00012	ND	Blank detection
563324	CLIFTON SEEP	Nitrate			J	MS/MSD outside QC criteria
563324	CLIFTON SEEP	NO3-NO2			J	MS/MSD outside QC criteria

Abbreviations:
MDC – Minimum Detectable Concentration
MS/MSD – Matrix Spike / Matrix Spike Duplicate
MDL – Method Detection Limit
RL – Reporting Limit
RPD – Relative Percent Difference
SDG – Sample Delivery Group
TDS – Total Dissolved Solids

Qualifiers:
J – Estimated Result
ND – Non-Detect Result

Low-Flow Test Report:

Test Date / Time: 9/23/2021 9:46:50 AM
Project: Plant Grumman
Operator Name: A. Schnittker

Location Name: Clifton Seep Leachate **Well Diameter: 0 cm** **Casing Type: NA** **Screen Length: 0 m** **Top of Screen: 0 m** **Total Depth: 0 m**	**Pump Type: Peri. Pump** **Tubing Type: Poly** **Estimated Total Volume Pumped: 100 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min**	**Instrument Used: Aqua TROLL 400** **Serial Number: 714302**

Test Notes:
Sample time 950

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10	+/- 5 %	+/- 10 %	+/- 10	+/- 10	+/- 0.3	
9/23/2021 9:46 AM	00:00	8.42 pH	21.91 °C	1,867.7 µS/cm	6.67 mg/L		72.9 mV		200.00 ml/min
9/23/2021 9:47 AM	00:30	8.56 pH	21.76 °C	1,888.9 µS/cm	6.68 mg/L	444.00 NTU	59.7 mV		200.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Pace Analytical Services, LLC
110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

November 19, 2021

Joju Abraham
Georgia Power-CCR
2480 Maner Road
Atlanta, GA 30339

RE: Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92571998

Dear Joju Abraham:

Enclosed are the analytical results for sample(s) received by the laboratory on November 11, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Charlotte
- Pace Analytical Services - Peachtree Corners, GA

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Nicole D'Oleo

Nicole D'Oleo
nicole.d'oleo@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Owens Fuquea, ACC
Monte Jones, Atlantic Coast Consulting, Inc.
Kristen Jurinko
Matt Malone, Atlantic Coast Consulting
Betsy McDaniel, Atlantic Coast Consulting
Ms. Lauren Petty, Southern Company

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110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

CERTIFICATIONS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92571998

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Laboratory ID: 99006
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DoH Drinking Water #: LA029
Virginia/VELAP Certification #: 460221

Pace Analytical Services Peachtree Corners

110 Technology Pkwy, Peachtree Corners, GA 30092
Florida DOH Certification #: E87315
Georgia DW Inorganics Certification #: 812
North Carolina Certification #: 381
South Carolina Certification #: 98011001

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SAMPLE SUMMARY

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92571998

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92571998001	**GWB-5R**	Water	11/10/21 15:30	11/11/21 12:18

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92571998

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92571998001	**GWB-5R**	EPA 6020B	KH	1

PASI-C = Pace Analytical Services - Charlotte
PASI-GA = Pace Analytical Services - Peachtree Corners, GA

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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92571998

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92571998001	**GWB-5R**					
	Performed by	CUSTOMER			11/11/21 13:30	
	pH	4.49	Std. Units		11/11/21 13:30	
EPA 6020B	Cobalt	0.041	mg/L	0.0050	11/17/21 15:22	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92571998

Sample: GWB-5R **Lab ID: 92571998001** Collected: 11/10/21 15:30 Received: 11/11/21 12:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		11/11/21 13:30		
pH	**4.49**	Std. Units			1		11/11/21 13:30		
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Cobalt	**0.041**	mg/L	0.0050	0.00039	1	11/16/21 08:50	11/17/21 15:22	7440-48-4	

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Peachtree Corners, GA 30092
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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92571998

QC Batch: 659957
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92571998001

METHOD BLANK: 3458229
Matrix: Water
Associated Lab Samples: 92571998001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cobalt	mg/L	ND	0.0050	0.00039	11/17/21 14:40	

LABORATORY CONTROL SAMPLE: 3458230

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cobalt	mg/L	0.1	0.10	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3458231 3458232

Parameter	Units	92571870023 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Cobalt	mg/L	ND	0.1	0.1	0.10	0.10	103	102	75-125	0	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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Peachtree Corners, GA 30092
(770)734-4200

QUALIFIERS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92571998

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

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110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92571998

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92571998001	**GWB-5R**				
92571998001	**GWB-5R**	EPA 3005A	659957	EPA 6020B	660122

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Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☑ Kernersville ☐

Sample Condition Upon Receipt

Client Name: G A Power

Project: WO#: 92571998

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace ☐ Other: ____

Custody Seal Present? ☐ Yes ☑ No Seals Intact? ☐ Yes ☐ No

Date/Initials Person Examining Contents: 11/11/24

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☑ None ☐ Other

Biological Tissue Frozen? ☐ Yes ☐ No ☑ N/A

Thermometer: ☑ IR Gun ID: 214 ☑ Wet ☐ Blue ☐ None

Type of Ice:

Cooler Temp: 1.3 Correction Factor: Add/Subtract (°C) 0.0

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 1.3

USDA Regulated Soil (☐ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

				Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A	
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.
Dissolved analysis: Samples Field Filtered?	☐ Yes	☐ No	☑ N/A	8.
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	9.
-Includes Date/Time/ID/Analysis Matrix: WW				
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☐ No	☑ N/A	10.
Trip Blank Present?	☐ Yes	☐ No	☑ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☑ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers: ____

CLIENT NOTIFICATION/RESOLUTION

Person contacted: ____ Date/Time: ____

Project Manager SCURF Review: ____ Date: ____

Project Manager SRF Review: ____ Date: ____

Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 2 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg

****Bottom half of box is to list number of bottles**

Project # **WO# : 92571998**

PH: MMG Due Date: 11/29/21

CLIENT: GA-GA Power

Sample #	BP4U-125 mL Plastic Unpreserved (N/A) (O-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4N-125 mL Plastic H2SO4 (pH < 2) (O-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP2N-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (C-)	WGFU-Wide mouthed glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (O-)	AG1H-1 liter Amber HCl (pH < 2)	AG5U-250 mL Amber Unpreserved (N/A) (O-)	AG3U-250 mL Amber H2SO4 (pH < 2)	AG1S-250 mL Amber H2SO4 (pH < 2)	AG1M(DG1M)-250 mL Amber NaHSO (N/A)(O-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9P-40 mL VOA H3PO4 (N/A)	VG9M (6 vials per MQ-8015) Lit (N/A)	VG9A (3 vials per MQ-Vinyl Cl) Lit (N/A)	SPT-125 mL Sterile Plastic (N/A – Lab)	SPT-250 mL Sterile Plastic (N/A – lab)		BP3A-250 mL Plastic (NaO)2S2O4 (3.3-9.7)	AG0U-500 mL Amber Unpreserved vials (N/A)	VG0U-20 mL Scintillation vials (N/A)	DG0Q-40 mL Amber Unpreserved vials (N/A)
1						1																						
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, Incorrect preservative, out of temp, Incorrect containers.

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

Section A Required Client Information:
Company: GA Power
Address: Atlanta, GA
Email To: SCS Contacts
Phone: Fax:
Requested Due Date/TAT: 10 Day

Section B Required Project Information:
Report To: SCS Contacts
Copy To: ACC Contacts
Purchase Order No.:
Project Name: Grumman Road Landfill
Project Number:

Section C Invoice Information:
Attention: Southern Co.
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Kevin Herring
Pace Profile #: 10843

REGULATORY AGENCY
☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☒ OTHER GA

Site Location STATE: GA

Section D Required Client Information

Valid Matrix Codes: MATRIX CODE — DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AIR; TISSUE TS; SAMPLE TYPE — Grab G; Composite C; Composite Start CS; Composite Ending CE

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	Composite Start TIME	Composite Ending DATE	Composite Ending TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test ↓	Total										Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
																		Requested Analysis Filtered (Y/N)												
1	GWB-5R	W	G	2-4-21	1530				1			1							X											Sold pH = 4/49
2																														
3																														
4																														
5																														
6																														
7																														
8																														
9																														
10																														
11																														
12																														

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Please note: when the last sample for the week has been taken,	[signature] Acc	2/4/21	1218	[signature]	2/4	1218	

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: [signature]
SIGNATURE of SAMPLER: [signature]
DATE Signed (MM/DD/YY): 2/4/21

Temp in °C | Received on Ice (Y/N) | Custody Seals Intact (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.0% per month for any invoices not paid within 30 days.

LEVEL 2A LABORATORY DATA VALIDATIONS

Grumman Road

Resample Event

November 2021

Georgia Power Company – Grumman Road

Quality Control Review of Analytical Data – November 2021

This narrative presents results of the Quality Control (QC) data review performed on analytical data submitted by Pace Analytical Services, Atlanta for the groundwater sample collected at Grumman Road November 10, 2021. The chemical data were reviewed to identify quality issues which could affect the use of the data for decision-making purposes.

Information regarding the primary sample locations, analytical parameter, QC samples, sampling date, and laboratory sample delivery group (SDG) designation is summarized in Table 1 of this Appendix.

In accordance with groundwater monitoring and corrective action procedures discussed in Title 40 CFR, Subpart D – Standards for the Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments, the resample was analyzed for an assessment monitoring constituent listed in 40 CFR, Part 257, Appendix IV. The test method included Inductively Coupled Plasma – Mass Spectrometry (USEPA Method 6020B).

Data were reviewed in accordance with the USEPA Region IV Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy (September 2011, Rev. 2.0)[1] and the National Functional Guidelines for Inorganic Superfund Methods Data Review (January 2017)[2]. The review included an assessment of the results for completeness, precision (laboratory duplicate recoveries and matrix spike/matrix spike duplicate recoveries), accuracy (laboratory control samples and matrix spike samples), and blank contamination (field, equipment, and laboratory blanks). Sample receipt conditions, holding times, and chains of custody (COCs) were reviewed. Where there was a discrepancy between the QC criteria in the guidelines and the QC criterion established in the analytical methodology, method-specific criteria or professional judgment were used.

DATA QUALITY OBJECTIVES

Laboratory Precision: Laboratory goals for precision were met.

Field Precision: Field goals for precision were not applicable to this sampling event.

Accuracy: Laboratory goals for accuracy were met.

Detection Limits: Project goals for detection limits were met.

Completeness: There were no rejected analytical results for this event, resulting in a completion of 100%.

Holding Times: Holding time requirements were met.

QUALIFICATIONS

In general, chemical results for the samples collected at the site were qualified on the basis of low precision or low accuracy or on the basis of professional judgment. The following definitions provide brief explanations of the qualifiers which may have been assigned to data by the laboratory during the validation process:

J: The analyte was positively identified above the method detection limit; however, the associated numerical value is the approximate concentration of the analyte in the sample

ND: The analyte was not detected above the method detection limit

The data generated as part of this resampling event met the QC criteria established in the analytical method and data validation guidelines. No sample qualifications were required.

Atlantic Coast Consulting, Inc. reviewed the laboratory data from Grumman Road resampled November 10, 2021 in accordance with the analytical method, the laboratory-specified QC criteria, and the guidelines. As described above, the results were acceptable for project use.

REFERENCES

[1]USEPA, September 2011, Region 4, Science and Ecosystem Support Division, Quality Assurance Section, MTSB, Data Validation Standard Operating Procedures for Contract Laboratory Program Inorganic Data by Inductively Coupled Plasma – Atomic Emission Spectroscopy and Inductively Coupled Plasma – Mass Spectroscopy, Revision 2.0

[2]USEPA, January 2017, National Office of Superfund Remediation and Technology Innovation, National Functional Guidelines for Inorganic Superfund Methods Data Review, Revision 0.0

TABLE 1

Georgia Power Company – Grumman Road

Sample Summary Table – October 2021

						Analyses
SDG	Field Identification	Collection Date	Lab Identification	Matrix	QC Samples	Metals (6020B)
571998	GWB-5R	11/10/2021	92571998001	GW		X

Abbreviations:
GW – Groundwater
QC – Quality Control

Low-Flow Test Report:

Test Date / Time: 11/10/2021 3:00:49 PM
Project: Grumman Road
Operator Name: Jordan Berisford

Location Name: GWB-5R **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 21.5 ft** **Total Depth: 26.5 ft** **Initial Depth to Water: 8.76 ft**	**Pump Type: Peri Pump** **Tubing Type: Poly** **Pump Intake From TOC: 24 ft** **Estimated Total Volume Pumped: 6 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 5.2 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 714344**

Test Notes:
Sunny, 70s, sample time -1530

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth To Water	Flow
		+/- 0.1	+/- 10	+/- 5 %	+/- 10 %	+/- 5	+/- 300	+/- 0.3	
11/10/2021 3:00 PM	00:00	4.44 pH	24.98 °C	1,394.5 µS/cm	0.24 mg/L	2.11 NTU	88.8 mV	8.76 ft	200.00 ml/min
11/10/2021 3:05 PM	05:00	4.45 pH	24.46 °C	1,388.0 µS/cm	0.14 mg/L	0.67 NTU	85.8 mV	9.20 ft	200.00 ml/min
11/10/2021 3:10 PM	10:00	4.47 pH	24.37 °C	1,439.2 µS/cm	0.11 mg/L	0.71 NTU	81.6 mV	9.20 ft	200.00 ml/min
11/10/2021 3:15 PM	15:00	4.48 pH	24.19 °C	1,436.8 µS/cm	0.10 mg/L	0.73 NTU	76.4 mV	9.20 ft	200.00 ml/min
11/10/2021 3:20 PM	20:00	4.48 pH	24.19 °C	1,458.2 µS/cm	0.09 mg/L	0.66 NTU	73.9 mV	9.20 ft	200.00 ml/min
11/10/2021 3:25 PM	25:00	4.49 pH	24.19 °C	1,493.9 µS/cm	0.09 mg/L	0.59 NTU	71.4 mV	9.20 ft	200.00 ml/min
11/10/2021 3:30 PM	30:00	4.49 pH	24.33 °C	1,479.9 µS/cm	0.08 mg/L	0.52 NTU	69.4 mV	9.20 ft	200.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Daily Instrument Calibration Log

SITE: [illegible] RI
TECHNICIAN: [illegible]

WATER LEVEL: Sunset
WATER LEVEL S/N: 263307

INSTRUMENT S/N: 214344
INSTRUMENT TYPE: AquaTrol
CAL. SOLUTION: LOT # EXP. DATE:

	LT	Exp
pH 4	160680	4/23
pH 7	160707	6/23
pH 10	160998	6/23
10.1	160949	4/27
0.77	160944	3/22

Calibration Date: 11/10/21

PH: 4.0 = 3.86 STANDARD UNITS 7 = 7.22 10 = 10.03
CONDUCTIVITY: 4.49 = 1413 = 1123 mS/CM
TURBIDITY: 0.0 = NTU
TEMPERATURE: 25.2 DEGREES CELSIUS
100 = 100.4%

Calibration Date: 0/00/

PH: 4.0 = STANDARD UNITS
CONDUCTIVITY: 4.49 = mS/CM
TURBIDITY: 0.0 = NTU
TEMPERATURE: DEGREES CELSIUS

Calibration Date:

PH: 4.0 = STANDARD UNITS
CONDUCTIVITY: 4.49 = mS/CM
TURBIDITY: 0.0 = NTU
TEMPERATURE: DEGREES CELSIUS

Calibration Date:

PH: 4.0 = STANDARD UNITS
CONDUCTIVITY: 4.49 = mS/CM
TURBIDITY: 0.0 = NTU
TEMPERATURE: DEGREES CELSIUS

Calibration Date:

PH: 4.0 = STANDARD UNITS
CONDUCTIVITY: 4.49 = mS/CM
TURBIDITY: 0.0 = NTU
TEMPERATURE: DEGREES CELSIUS

Daily Instrument Calibration Log

SITE: Evans PA

TECHNICIAN: S. Berg

INSTRUMENT S/N: 17120C063767

INSTRUMENT TYPE: HACH 2100Q

CAL. SOLUTION: 0 NTU - LOT # [illegible] EXP. DATE: [illegible]

10 NTU - LOT # A17611C EXP. DATE: 11/23

20 NTU - LOT # A1207 EXP. DATE: 11/22

Calibration Date: 11/15/21

Calibration Solution	Instrument Reading	
0.0	0.10	NTU
10.0	10.2	NTU
20.0	20.1	NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU

APPENDIX C

Semiannual Remedy Selection and Design Progress Report

Grumman Road Private Industrial Landfill
Chatham County, Georgia
2021 Semiannual Groundwater Monitoring and Corrective Action Report

February 2022
Grumman Road Private Industrial Landfill

ANCHOR QEA

Semiannual Remedy Selection and Design Progress Report

Prepared for Georgia Power Company

February 2022
Grumman Road Private Industrial Landfill

Semiannual Remedy Selection and Design Progress Report

Walter John Dinicola, Senior Reviewer / Professional Engineer (GA Professional Engineer No. PE038601)

James C. Redwine, Senior Technical Reviewer

Alec Macbeth, Originator / PG (GA No. 1027)

Prepared for
Georgia Power Company
214 Ralph McGill Boulevard NE
Atlanta, Georgia 30308

Prepared by
Anchor QEA, LLC
600 Vestavia Parkway, Suite 121
Vestavia Hills, Alabama 35216

Engineer's Certification

This *Semiannual Remedy Selection and Design Progress Report* has been prepared for Georgia Power Company's Grumman Road Private Industrial Landfill in accordance with the U.S. Environmental Protection Agency coal combustion residuals rule, specifically 40 Code of Federal Regulations 257.97(a) and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10(6)(a). This report describes the progress made during the second semiannual period of 2021 in selecting and designing a remedy previously documented in the *Assessment of Corrective Measures* (Anchor QEA 2020).

This report was prepared under the supervision and direction of the undersigned, whose seal as a registered professional engineer is affixed below. The undersigned is practicing through Anchor QEA, LLC, which is an authorized engineering business in the State of Georgia (Certificate of Authorization license number PEF006751; a copy of this license is provided in Appendix A).

Walter Dinicola

Digitally signed by Walter Dinicola
Date: 2022.02.24 16:17:43 -05'00'

Georgia Professional Engineer No. PE038601

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ABBREVIATIONS

µg/L	micrograms per liter
ACM	assessment of corrective measures
ACM Report	*Assessment of Corrective Measures Report*
CCR	coal combustion residuals
CEC	cation exchange capacity
CFR	Code of Federal Regulations
Clifton Landfill	Clifton Rental Company, Inc., Landfill
cm	centimeter
CSM	conceptual site model
EGL	Anchor QEA Environmental Geochemistry Laboratory
ft/d	feet per day
GA EPD	Georgia Environmental Protection Division
Georgia Power	Georgia Power Company
GWPS	groundwater protection standards
ISS	in situ stabilization/solidification
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
MNA	monitored natural attenuation
PRB	permeable reactive barrier
PV	pore volume
RSL	rule specified level
SEM	scanning electron microscopy
Site	Grumman Road Private Industrial Landfill
SRIL	Savannah Regional Industrial Landfill
SSE	selective sequential extraction
SSL	statistically significant level
transport model	groundwater flow and reactive transport model
USEPA	U.S. Environmental Protection Agency
XRD	X-ray diffraction
XRF	X-ray fluorescence

1 Introduction

In accordance with the Georgia Environmental Protection Division (GA EPD) Rules for Solid Waste Management 391-3-4.10(6)(a), this *Semiannual Remedy Selection and Design Progress Report* has been prepared for the Grumman Road Private Industrial Landfill (Site). Assessment of corrective measures (ACM) requirements of GA EPD Rule 391-3-4.10(6)(a) are incorporated by reference from the U.S. Environmental Protection Agency (USEPA) coal combustion residuals (CCR) rule (40 Code of Federal Regulations [CFR] Part 257, Subpart D).

This progress report supports the *Assessment of Corrective Measures* (ACM Report; Anchor QEA 2020), which Georgia Power Company (Georgia Power) submitted on December 4, 2020. Georgia Power has placed the ACM Report in the Site's operating record and posted it to the Site's CCR rule compliance website. The purpose of the ACM Report (and subsequent semiannual progress reports) is to evaluate potential corrective measures to address the occurrence of arsenic and molybdenum in groundwater at statistically significant levels (SSLs). This process is typically iterative and may be composed of multiple steps to analyze the effectiveness of corrective measures to improve groundwater quality.

Pursuant to 40 CFR 257.97, Georgia Power is evaluating the potential corrective measures presented in the ACM Report to identify an appropriate remedy or combination of remedies as soon as feasible (Anchor QEA 2020). In the ACM Report, the following remedies were considered feasible for corrective measures for groundwater at the Site:

- Geochemical approaches (in situ injection)
- Hydraulic containment (pump-and-treat)
- In situ stabilization/solidification (ISS)
- Monitored natural attenuation (MNA)
- Permeable reactive barrier (PRB) wall
- Phytoremediation
- Subsurface vertical barrier wall

A comparative screening of these corrective measures is presented in Table 1 and summarized in Section 5.

This *Semiannual Remedy Selection and Design Progress Report* is included as an appendix to the *2021 Semiannual Groundwater Monitoring and Corrective Action Report* (ACC 2022). Georgia Power will include future semiannual remedy selection progress reports as an appendix to the routine semiannual groundwater monitoring and corrective action reports.

Georgia Power has proactively initiated adaptive site management as outlined in the ACM Report (Anchor QEA 2020) to support the groundwater remedy selection process and address potential

changes in Site conditions as appropriate. The adaptive site management approach takes existing Site conditions, including natural attenuation mechanisms, into account.

1.1 Site Background

The Site, located in Port Wentworth, Georgia, is a permitted industrial landfill owned and operated by Georgia Power previously used for disposal of coal ash from Georgia Power's Plant Kraft. The Site has not received ash since Plant Kraft was retired in late 2015, exempting it from the requirements of the federal CCR rule. The Site location is shown in Figure 1.

The Site is adjacent to two other permitted solid-waste disposal facilities: one to the east and the other to the south (Figure 1). The closed Clifton Rental Company, Inc., Landfill (Clifton Landfill; Permit No. 025-030D(L)) is east, hydraulically upgradient of and cross gradient to the Site. Based on available information, Clifton Landfill was not constructed with a synthetic liner or leachate collection system (which was consistent with GA EPD requirements at the time of construction), and waste extends below the water table. As described in previous reports (ACC 2019a; Anchor QEA 2019), strong physical and geochemical evidence supports the mobilization of arsenic and molybdenum by landfill leachate coming onto the Site from the adjacent Clifton Landfill. This could contribute a source of arsenic (and, by geochemical inference, molybdenum) from Site soils. The active Savannah Regional Industrial Landfill (SRIL) operated by Republic Services, Inc. (Permit No. 025-072D(L)), is south of the Site and hydraulically downgradient of both Clifton Landfill and the Site. SRIL is constructed with a synthetic liner and leachate collection system meeting the requirements specified in GA EPD Rule 391-3-4-.14.

The Site consists of four parcels—A, B1, B2, and B3—comprising approximately 33 acres, as shown in Figure 2. Closure of the Site has been completed in accordance with the landfill permit and performance standards listed in 40 CFR 257.102(d)(3) and adopted by GA EPD Rule 391-3-4-.10(7). Parcels A and B1 were initially closed in 2004, and Parcels B2 and B3 were closed in 2017 (SCG 2007; Brantley Engineering 2017). A new final cover system over Parcel A', the portion of Parcel A outside the original closure area, was installed in 2019 to meet the requirements of GA EPD Rule 391-3-4-.10(7) (Brantley Engineering 2019). The final closure Certification Report was submitted to GA EPD on November 25, 2019 (Brantley Engineering 2019). The Site is permitted under Solid Waste Handling Permit No. 025-061D(LI).

1.2 Nature and Extent

1.2.1 Current SSL Status

Groundwater monitoring has been performed at the Site since 2000, in accordance with a state permit. Assessment monitoring was initiated in 2005 under the state program. Since that time, additional investigations and landfill closures have been performed, the conceptual site model (CSM)

has been updated based on additional investigations, and ACMs have been prepared and updated (for example, *Assessment of Corrective Measures – 2019 Addendum* [ACC 2019a]). A summary of groundwater monitoring and site investigations can be found in the most recent ACM Report for the Site (Anchor QEA 2020).

Under GA EPD regulations applicable to the Site (GA EPD Rule 391-3-4.10(6)(a)), background sampling occurred between 2016 and 2018. Groundwater detection monitoring began following completion of background sampling, with the first sampling event occurring in March 2019. Statistically significant increases of 40 CFR 257 Appendix III constituents were noted as described in the *Supplemental 2019 First Semiannual Groundwater Monitoring Report* (ACC 2019b). The Appendix III statistically significant increases triggered assessment sampling for 40 CFR 257 Appendix IV constituents. Subsequent monitoring verified Appendix IV constituents arsenic and molybdenum at SSLs that exceeded groundwater protection standards (GWPSs). Recurring SSLs that exceeded the GWPS for arsenic (0.029 milligrams per liter [mg/L]) and molybdenum (0.01 mg/L) during the most recent (September 2021) assessment monitoring are summarized as follows (ACC 2022):

- Arsenic GWPS exceedances were identified at monitoring wells GWC-15, GWC-16, and GWC-20.
- Molybdenum GWPS exceedances were identified at monitoring wells GWC-1, GWB-4R, GWC-14, GWC-15, GWC-16, and GWC-20.

Based on GA EPD guidance, wells with SSLs were further evaluated by Groundwater Stats Consulting using the Sen's Slope/Mann-Kendall trend test (Appendix B). The full report generated from the analyses is provided in Appendix D of the *2021 Semiannual Groundwater Monitoring and Corrective Action Report* (ACC 2022). Statistically significant trends were identified for the following well/constituent pairs:

- Increasing trends: GWC-15/arsenic, GWC-16/molybdenum
- Decreasing trends: GWC-1/molybdenum

Pursuant to 40 CFR 257.96, groundwater at the Site continues to be monitored in accordance with the established assessment monitoring program while potential corrective measures are evaluated (ACC 2022). Monitoring well locations are shown in Figure 3.

1.2.2 Geochemistry and Influence of Adjacent Clifton Landfill

Arsenic and molybdenum have been detected at elevated concentrations in monitoring wells at the boundary between the Site and the adjacent closed Clifton Landfill. Based on previous studies, leachate-impacted groundwater from the adjacent Clifton Landfill migrates onto the Site, impacting monitoring wells at the Site. A multisite potentiometric surface contour map using August 2021 data

is shown in Figure 4. Site-specific potentiometric surface contours from the September 21, 2021, gauging event is shown in Figures 5 and 6. The leachate-impacted groundwater contains elevated dissolved organic carbon, which induces reducing groundwater conditions that drive the reductive dissolution of iron oxides present in the subsurface solid matrix and subsequent release of associated species (e.g., arsenic and molybdenum). Iron oxides are naturally present in soils as grain coatings and are also a significant component of ash. Iron oxides are a host phase for many trace elements, including arsenic and molybdenum. Based on soil samples previously collected at the Site, the iron oxide content of ash is higher than that of the background soils.

SSLs of arsenic and molybdenum appear to be due to mobilization by the landfill leachate-impacted groundwater migrating onto the Site. As leachate-impacted groundwater travels beneath the Site, reductive dissolution of iron oxides releases arsenic and molybdenum that are adsorbed on and coprecipitated in the iron oxides naturally present in soils and ash. Arsenic and molybdenum concentrations increase along the groundwater flow path and are highest near the hydraulically downgradient southeast corner of the Site (Figures 5 and 6).

The study summarized in the previously submitted *Arsenic Mobilization Laboratory Evaluation* (Anchor QEA 2019) and the Site conditions suggest that control of leachate impacts to groundwater from the Clifton Landfill would be expected to greatly reduce groundwater arsenic (and, by geochemical inference, molybdenum) concentrations at the Site. Similarly, groundwater corrective actions for arsenic and molybdenum will likely not be effective until leachate from the Clifton Landfill is controlled.

1.2.3 Current Delineation Status

Isoconcentration maps that show the interpreted extent of arsenic and molybdenum, as well as the posted data from the September 2021 semiannual sampling are shown in Figures 5 and 6. The applicable laboratory analytical report for this data is provided in Appendix C. Appendix B shows concentration versus time graphs for wells with SSLs of arsenic or molybdenum.

Vertical delineation of arsenic and molybdenum in groundwater beneath the Site has been achieved (ACC 2022). Data from the August 2021 semiannual monitoring event at SRIL indicate arsenic is horizontally delineated below the GWPS by upgradient SRIL wells GWA-6 and GWC-12B, just south of the Site (CEC 2021). Horizontal delineation of molybdenum was completed using a groundwater flow and reactive transport model (transport model; Anchor QEA 2021a; Figure 7), which was submitted to GA EPD on November 19, 2021. Based on the transport model submitted in November 2021 to GA EPD, molybdenum is horizontally delineated to below the GWPS just north of the southern boundary of SRIL. The transport model has been submitted to GA EPD in its entirety (Anchor QEA 2021a) and is only summarized herein. A neighbor notification was submitted to

Republic Services, Inc., on September 25, 2020, notifying it of these arsenic and molybdenum detections.

Details regarding current statistical analysis, nature, and extent are provided in Sections 4 and 5, respectively, of the *2021 Semiannual Groundwater Monitoring and Corrective Action Report* (ACC 2022).

1.2.4 Transport Model

In support of the previously submitted ACM Report (Anchor QEA 2020), a transport model was developed and submitted to GA EPD for the purposes of off-site delineation of molybdenum concentrations in groundwater south of the Site (Anchor QEA 2021a).

The transport model simulates shallow groundwater flow and reactive transport processes within the near-surface aquifer system (Section 4) beneath the Site. The transport model simulates 41 years (i.e., 1980 to 2021). The earliest record of ash being placed at the Site is 1980; thus, 1980 was chosen as time zero for the transport model. The transport model was validated using Site groundwater concentration data at monitoring wells GWC-15, GWC-16, and GWC-20 located along the southern or southeastern borders of the Site and SRIL wells GWA-6 and GWA-12B located south of the Site along the northern border of SRIL. Results show both the iron oxide concentration within the ash and effective porosity have a strong influence on the arrival time and overall magnitude of arsenic concentrations but that simulated arsenic concentrations can be matched to observed concentrations at wells GWC-15, GWC-16, GWC-20, GWA-6, and GWA-12B within the range of simulated effective porosity and iron oxide concentration of ash.

The findings from the transport model showed molybdenum concentrations in groundwater above the Site GWPS that originate from the Site have likely migrated a short distance beneath but not reached the southern boundary of SRIL (Anchor QEA 2021a). An isoconcentration contour map depicting simulated molybdenum concentrations exceeding the Site GWPS (0.01 mg/L) and federal rule specified level (RSL; 0.1 mg/L) after 41 years of migration (i.e., 1980 to 2021) is presented in Figure 7. This figure depicts the overall extent of simulated concentrations exceeding the Site and federal RSL based on the four scenarios included in the sensitivity analysis, which provides a conservative estimate of the overall extent of current impacts based on the data available for this transport model. The simulated concentrations shown in Figure 7 overestimate the extent of molybdenum to the southeast as it is delineated by SRIL upgradient well GWA-12B. Figures 6 and 7 differ slightly due to the model sensitivity of iron oxide concentration. As discussed in the modeling report (Anchor QEA 2021a), model results are most sensitive to the concentration of iron oxide within the ash beneath Parcel A and the effective porosity of the near-surface aquifer. The delineation was bounded by using Site data (Figure 6) to form a range of possible values for lower and higher iron oxide concentrations ranging between 390 and 820 milligrams per kilogram (mg/kg)

and effective porosity values between 18% and 22%. (As discussed in the transport validation and sensitivity analyses sections of the *Transport Modeling Report* [Anchor QEA 2021a], this range of iron oxide concentrations provides the best match of simulation results to Site data).

Additional details on the groundwater model are presented in the *Transport Modeling Report*.

1.3 Well Survey Update

As requested by GA EPD, a potable well survey within a 2-mile radius of the Site consisting of reviewing federal, state, and county records, and online sources was conducted. A potable well survey was completed in 2020 by NewFields (NewFields 2020). No new wells were identified in the 2022 survey. The NewFields and 2022 potable well surveys are attached in Appendix D. The USEPA Office of Drinking Water and the Georgia Department of Community Affairs did not respond to requests for information.

2 Summary of Work Completed

This section is intended to summarize the field investigations, laboratory studies, and data evaluations completed at the Site since the issuance of the prior July 2021 progress reports (Anchor QEA 2021b). Routine semiannual groundwater monitoring events were conducted by Atlantic Coast Consulting, Inc., in September 2021 and discussed in the *2021 Semiannual Groundwater Monitoring and Corrective Action Report* (ACC 2022).

The supplemental activities presented include the following two broad components:

- Bench-scale treatability studies to assess the performance of in situ methods for removal of arsenic and molybdenum from groundwater
- Geochemical studies consisting of desktop and laboratory studies to further assess the viability of MNA and geochemical approaches as corrective measures

Field efforts, including the collection of groundwater and well solids (precipitates) samples for geochemical evaluations, as well as slug testing and installation of transducers for long-term water level monitoring to support the transport model, were previously documented in the July 2021 *Semiannual Remedy Selection and Design Progress Report* (Anchor QEA 2021b). The results of the slug testing are presented as part of the transport model (Anchor QEA 2021a), which is summarized in Section 1.2.4.

2.1 Site Materials Sampling and Characterization

2.1.1 Aquifer Solid Samples

Site aquifer solids (soil) were collected for the bench-scale treatability studies, baseline characterization, and MNA evaluation. The aquifer solids (soil) were collected in December 2020 and January 2021 during the construction of the four vertical delineation wells on the southern and eastern boundaries of Parcel A (MW-23D, MW-24D, MW-25D, and MW-27D). Samples were collected at depths corresponding with the well screen interval of adjacent wells with GWPS exceedances for arsenic and molybdenum and from deeper, unimpacted depths within Unit 3. Unit 1 and Unit 3 sands are hydraulically connected in these areas. Therefore, Unit 3 is available for attenuation. To characterize the complete attenuation capacity of the aquifer and variability of the aquifer, shallow and deep samples were used in the studies. The aquifer solids (soil) samples were homogenized at the Anchor QEA Environmental Geochemistry Laboratory (EGL) and retained at the

EGL for analysis or subsamples submitted to external laboratories for additional analyses as described below:

- Total organic carbon and total sulfide (Apex Laboratories)[1]
- Soil oxidant demand (Prima Environmental)
- Chemical extractions for extractable iron and manganese oxides (EGL)
- X-ray fluorescence (XRF) for total arsenic, molybdenum, iron, and manganese (EGL)

Aquifer solids (soil) characterization results are summarized in Table 2. Analytical data reports for the soil characterization are included in Appendix C.

2.1.2 Groundwater Samples

Groundwater samples used in treatability studies were collected from two wells (GWC-15 and GWC-20) that have elevated concentrations of arsenic and molybdenum. Groundwater samples were collected in May 2021 by Anchor QEA field staff and described in the July 2021 *Semiannual Remedy Selection and Design Progress Report* (Anchor QEA 2021b). Groundwater samples were collected, stored, and processed under anaerobic conditions. Samples were submitted to ALS in Kelso, Washington, for analysis of total and dissolved arsenic, molybdenum, iron, and manganese, and total and dissolved organic carbon, sulfide, arsenic speciation, and major ion chemistry (calcium, magnesium, sodium, potassium, chloride, nitrate, sulfate, phosphate, silica, and alkalinity). Water quality parameters (pH, oxidation reduction potential, and conductivity) were determined under a nitrogen atmosphere. Groundwater characterization results are summarized in Table 3. Groundwater characterization analytical reports are included in Appendix C

2.2 Bench-Scale Treatability Studies

Bench-scale testing was performed to assess the site-specific performance of several in situ methods for arsenic and molybdenum removal from groundwater, including the following: 1) aeration, with and without iron addition to promote iron oxidation and adsorption/coprecipitation of arsenic and molybdenum; 2) chemical oxidation, with and without iron addition, to promote iron oxidation and adsorption and coprecipitation of arsenic and molybdenum; and 3) biogenic sulfide fixation, with and without iron addition, to promote precipitation of sulfide minerals and the concurrent sequestration of arsenic and molybdenum.

2.2.1 Aeration

Two common aeration methods, air sparging and diffuse aeration, were evaluated. Both methods were tested with and without iron addition, to assess whether iron levels in groundwater are

[1] Organic carbon, sulfide, oxygen, iron, and manganese can significantly influence the geochemical behavior of arsenic and molybdenum.

sufficient to achieve treatment objectives. Air sparging (continuous bubble stream) and diffusive aeration (e.g., using a Waterloo Emitter) were tested. Ferrous sulfate was added to a subset of tests such that the additional iron was 10 or 100 times the initial molar arsenic concentrations. Bench-scale tests were sampled at 1, 2, 4, and 8 days, with duplicate samples collected for the final sampling event (8 days). Treated groundwater was submitted to ALS for analysis of total and dissolved arsenic, molybdenum, iron, and sulfate. The pH, oxidation reduction potential, and conductivity were measured at each time point.

The precipitates that formed during aeration were recovered from the Day 8 samples and are being analyzed by high-resolution scanning electron microscopy (SEM) with elemental analysis to determine the mineralogy and chemical composition of the precipitates. SEM results will include a high-resolution image of the precipitates and major element mapping (such as iron and aluminum). Based on the elemental mapping and/or morphology (shapes) of the precipitates, smaller areas will be selected for electron diffraction, which is performed in conjunction with the SEM imaging. Electron diffraction produces spectra showing chemical composition and relative amounts of the constituents. For example, based on the anticipated sequestration mechanisms, areas composed primarily of iron minerals will be analyzed by electron diffraction to determine if they are enriched in arsenic and molybdenum, as would be expected for successful treatment. The results of the precipitate analyses are anticipated to be included in the next progress report, scheduled for July 2022.

2.2.2 Chemical Oxidation

In the chemical oxidation treatability studies, three common oxidants (peroxide, permanganate, and persulfate) were tested at three different doses. The doses were determined by accounting for the stoichiometric oxygen demand from total organic carbon and iron (adjusted for additions). Oxidant was added at the calculated stoichiometric demand, as well as half and five times the demand. Persulfate oxidation was performed with and without iron addition at 10 and 100 times the initial molar arsenic concentration. Peroxide oxidation was performed with iron addition at 10 and 100 times the initial molar arsenic concentration. Permanganate oxidation was performed without iron addition, as manganese oxide precipitation was expected to remove arsenic and molybdenum.

The treated groundwater was sampled in duplicate after a two-day reaction period and submitted to ALS for analysis of total and dissolved arsenic, molybdenum, and iron; dissolved manganese; and sulfate. Oxidation reduction potential, pH, and conductivity were measured for each sample.

The precipitates that formed during oxidation were recovered from the Day 2 samples and are being analyzed by SEM with elemental analysis to determine the morphology and chemical composition of the precipitates. The results of the precipitate analyses are anticipated to be included in the next progress report, scheduled for July 2022.

2.2.3 Biogenic Sulfide Fixation

In biogenic sulfide fixation, sulfate, iron, and a source of labile organic carbon are added to the groundwater. Naturally occurring bacteria in the aquifer material convert the sulfate to sulfide, which reacts with iron and trace elements (such as arsenic and molybdenum) in groundwater to precipitate as relatively stable sulfide minerals. The formation of the sulfide minerals removes arsenic and molybdenum from groundwater and thereby sequesters them in the solid phase.

Bench-scale incubations for biogenic sulfide fixation were performed on slurries of Site soil and groundwater. Anaerobic groundwater and soil slurry microcosms were prepared at a liquid-to-solid ratio of 10:1 and incubated in the dark. Molasses was added as a readily available carbon source to promote bacterial metabolism. The microcosms were performed without iron addition, or with either 10 or 100 times the initial molar arsenic concentration iron added as ferrous sulfate. The microcosms were sampled at 1, 3, 7, 14, and 28 days, and the treated groundwater was submitted to ALS for analysis of total and dissolved arsenic, molybdenum, and iron; dissolved manganese; and sulfate. Duplicate samples were collected after 28 days of incubation. The pH, oxidation reduction potential, and conductivity were measured at each time point.

The solids were recovered from the 28-day samples and analyzed by X-ray diffraction (XRD), XRF, SEM, and selective sequential extraction (SSE) to determine solid-phase associations of sequestered arsenic and molybdenum. The SSE activities and results are discussed in Sections 2.2.1 and 3.2.1. The results of the SEM analyses are anticipated to be included in the next progress report, scheduled for July 2022.

2.3 Geochemical Studies for MNA

Characterization activities to evaluate attenuation mechanisms at the Site include collection of data necessary to progressively evaluate the existing and long-term effectiveness of these processes in the aquifer and reduce uncertainty for decision-making at each of the following screening steps as listed in the USEPA guidelines for MNA. In 2007, USEPA issued MNA technical guidance specific to inorganic contaminants (USEPA 2007a, 2007b) that contained four “tiers.” The 2015 MNA guidance for inorganic contaminants expands on and is designed to be a companion to the 1999 MNA guidance (USEPA 1999). The 2015 document retains these four “tiers” but describes them as “phases” as follows (USEPA 2015):

- Phase I: demonstration that the groundwater plume is *not expanding*
- Phase II: determination that the *mechanism and rate* of the attenuation process are sufficient
- Phase III: determination that the *capacity* of the aquifer is sufficient to attenuate the mass of contaminant within the plume and that the *stability* of the immobilized contaminant is sufficient to resist remobilization

- Phase IV: design of a *performance monitoring program* based on an understanding of the mechanism of the attenuation process and establishment of contingency remedies tailored to site-specific characteristics

Georgia Power will address Phase IV, as appropriate, during the development of the future corrective action monitoring plan, after the final remedy selection report.

Geochemical evaluations for suitability of MNA at the Site included the following:

- XRF to determine the chemical composition of the matrix (e.g., iron, aluminum, manganese, etc. compounds) and presence of detectable arsenic and molybdenum
- XRD to determine crystalline mineral phases
- SSE to determine association of arsenic and molybdenum with attenuating phases, determine relative strength of attenuation, and provide insight into stability
- Column tests using Site aquifer solids (soil) and impacted groundwater to document arsenic and molybdenum removal from groundwater and uptake capacity of the soils under flow conditions, and provide a basis for estimating the natural attenuation capacity of the aquifer
- Groundwater geochemical equilibrium modeling (including Eh-pH diagrams and saturation index calculations) to help determine solid phases attenuating arsenic and molybdenum under Site conditions

Additional detail (including the relevance of each analysis to the MNA evaluation) is included in Table 4. Cation exchange capacity (CEC) to assess cation exchange as a mechanism for attenuation and SEM to directly observe and determine the composition of attenuating phases (well solids only, not soil) is currently being performed. The results from these analyses will be provided in the next progress report, scheduled for July 2022.

2.3.1 XRF, XRD, and SSE Analyses

The well solids (precipitates) and aquifer solids (soil) samples collected in December 2020 through March 2021 were submitted under chain of custody protocol to EGL. Well solids (precipitates) samples were collected from all shallow Site wells. Aquifer solids (soil samples) were collected from MW-23D through MW-25D and MW-27D. Upon arrival at EGL, samples were stored under refrigeration until processing. The well solids were recovered from the sample filters in a glove box under a nitrogen atmosphere to prevent oxidation prior to analysis for geochemical characterization. The well solids accumulated on the filters were scraped and collected in centrifuge tubes. The wet samples were centrifuged, and the resulting solids were then transferred into a pre-weighed glass jar. The solids were then dried under a nitrogen atmosphere at 38°C for 24 to 72 hours until dry.

All well solids (precipitates) samples with sufficient mass and all aquifer solids (soil) were analyzed by XRF to determine bulk chemical composition. After drying, processed samples were loaded and

sealed in plastic sample containers for elemental analysis by XRF. XRF testing was performed by EGL staff using a Niton XL3t GOLDD+ XRF Analyzer. Individual samples were analyzed by XRF using the "Test All Geo" method under the "Mining" profile, which includes most elements heavier than sodium.

Powder XRD analysis was performed on selected well solids (precipitates) and aquifer solids (soil) samples to determine mineralogy. Samples were selected based on several factors, including well location; groundwater chemistry; bulk chemical composition data (XRF); and, for well solids samples, available sample mass.

Based on the results of XRF and XRD analyses (e.g., iron content), SSE was performed on the well solids (precipitates) and aquifer solid (soil) samples with sufficient volume to measure the distribution of arsenic and molybdenum bound to solid phases from most soluble (F1) to most stable (F5). Samples were extracted stepwise with chemical solutions of increasing aggressiveness into fractions, which are operationally defined as follows:

- F1: water soluble
- F2: exchangeable (e.g., bound to clay minerals)
- F3: reducible (e.g., associated with amorphous or poorly crystalline oxides such as ferrihydrite, a hydrous iron oxide)
- F4: strong acid oxidizable (e.g., associated with crystalline oxide and/or sulfide minerals)
- F5: residual (e.g., bound in insoluble silicate phases)

Each successive step generally represents stronger attenuation and greater stability of arsenic and molybdenum and attenuating solids.

2.3.2 Column Test Studies

Column tests were performed using Site soil and impacted groundwater to do the following:

- Determine the extent to which Site soil can attenuate arsenic and molybdenum from groundwater.
- Gain insight into the attenuating mechanisms and stability of solids attenuating arsenic and molybdenum by performing SSE on post-column-test soil samples.
- Generate attenuation capacity data that can be extrapolated to the entire volume of aquifer available for attenuation to determine if the aquifer has sufficient capacity to attenuate the mass of arsenic and molybdenum in groundwater.

In the column studies, impacted groundwater is pumped through Site soil packed in columns (Figures 8 and 9), and the concentration of arsenic and molybdenum is measured in effluents taken from the columns at regular intervals. If the soil is attenuating arsenic and molybdenum, then arsenic

and molybdenum concentrations will decrease in the effluents until the soil's capacity for attenuation is reached.

Groundwater from monitoring well GWC-15 was used as the influent for the column tests. This well was selected for column testing based on its relatively high arsenic and molybdenum concentrations, to provide high mass loading to the soils. Upon receipt, the groundwater samples were submitted to ALS for chemical analysis prior to beginning the column testing. Analytical results are summarized in Table 5 and included in Appendix C. Eight column tests were performed with eight Site aquifer solids (soil) samples collected from four borings located along the southern and eastern perimeter of the Site. These included shallower and deeper soil intervals corresponding approximately to the screened interval depths of adjacent shallow and vertical delineation monitoring wells: MW-23D 18'-20', MW-23D 46'-48', MW-24D 22'-24', MW-24D 58'-60', MW-25D 20'-22', MW-25D 62'-64', MW 27D 20'-22', and MW-27D 66'-68' (Figure 3; Table 6). These sample depths were selected to provide information on arsenic and molybdenum attenuation capacity of soil both within the shallow (impacted) and deeper groundwater zones. Because Units 1 and 3 are hydraulically connected in these areas, Unit 3 soils are available for attenuation. The laboratory column test setup is shown in Figure 8, and a detailed schematic is provided in Figure 9.

Column tests were carried out in 22-centimeter (cm)-long, 4.2-cm-diameter polycarbonate columns. The Site soils were packed into the columns to achieve a total depth of 15.0 cm. Site groundwater was pumped in an upflow direction through the columns at a flow rate of approximately 0.5 milliliter per minute for 25 days (approximately 250 to 350 pore volumes [PVs]) using a peristaltic pump with a multichannel pump head. Flow rates were regularly checked and adjusted as needed to maintain a constant flow rate. The influent reservoir was purged with nitrogen and kept in sealed Mylar bags with oxygen-absorbing packets during the column tests. Table 7 provides a summary of the column test operating conditions.

The initial concentration of arsenic in GWC-15 groundwater (164 micrograms per liter [µg/L]; Table 5) was slightly less than but within the same order of magnitude of historical arsenic concentrations from samples collected during 2020 and 2021 (averaging 226 µg/L). Although arsenic concentrations in the influent reservoir gradually decreased over time during the column test (from 164 to 107 µg/L), probably due to iron precipitation in the reservoir, significant arsenic mass loading to the Site soils was achieved for the duration of the column tests. The molybdenum concentration in GWC-15 groundwater was initially measured as 123 µg/L (Table 5). Column influent molybdenum concentrations remained at similar levels as the initial concentration for the duration of the column tests.

Column influents and effluents were sampled periodically over the duration of the tests, and pH was measured at the time of sampling. The samples were filtered using 0.45-micron nylon syringe filters and preserved with nitric acid for metals analysis. Flow rates and cumulative flow volumes were also

recorded for each column at the time of sampling to calculate the total number of PVs treated. The column influent and effluent samples were analyzed for dissolved arsenic and molybdenum by USEPA method 200.8 (inductively coupled plasma mass spectrometry) at ALS.

The laboratory column tests were operated at a higher linear velocity (1.7 feet per day) than the groundwater flow conditions in the vicinity of the Site, which range from 0.11 to 0.32 foot per day (ACC 2022). As a result, the hydraulic residence time in the columns was shorter than the hydraulic residence time at the Site. The attenuation measured in the columns, therefore, provides a conservative (lower) estimate of the attenuation in the field.

2.3.3 Geochemical Stability and Speciation Calculations

Geochemical modeling was performed to determine mineral phases that may be controlling the dissolved concentrations, mobility, and attenuation of arsenic and molybdenum, as well as the behavior of other species (such as iron) that influence the behavior of arsenic and molybdenum. The Geochemist's Workbench software (Bethke and Yeakel 2013) was used to construct Pourbaix (Eh-pH) diagrams for iron, arsenic, and molybdenum (based on Site groundwater chemistry data collected in March 2021) to assess the geochemical stability of phases potentially controlling arsenic and molybdenum concentrations under Site conditions. Geochemical speciation-solubility calculations were also performed using the U.S. Geological Survey computer program PHREEQC (Parkhurst and Appelo 2013) with the WATEQ4F thermodynamic database (augmented with molybdenum species from the MINTEQv4 database) to determine the saturation state of groundwater samples (collected in March 2021) with respect to possible mineral phases.

3 Summary of Results

3.1 Bench-Scale Treatability Study Results

As noted in Section 1 and the ACM Report (Anchor QEA 2020), potential corrective measures being considered for the Site include geochemical approaches, such as in situ injection. Treatability testing was performed to evaluate the applicability of this potential remedy, specifically to evaluate arsenic and molybdenum removal from groundwater by aeration, chemical oxidation, and biogenic sulfate reduction. Summary analytical data are provided in Appendix E. The analytical laboratory data reports are provided in Appendix C.

The results, discussed in more detail in the following subsections, are summarized as follows:

- Aeration in the presence of iron was effective for the removal of both arsenic and molybdenum to values less than the respective GWPSs.
- Chemical oxidation with permanganate reduced groundwater concentrations of both arsenic and molybdenum to values less than the respective GWPSs.
- Chemical oxidation with persulfate or hydrogen peroxide was effective for arsenic treatment in the presence of iron (concentrations were reduced to below the GWPS); however, molybdenum removal was limited.
- Biogenic sulfide generation was effective for arsenic removal to concentrations less than the GWPS, but removal of molybdenum was limited.

In summary, these results indicate that groundwater treatment with either aeration with iron addition or chemical oxidation using permanganate would be effective treatment for arsenic and molybdenum. The pending high-resolution SEM analyses of the precipitates that formed during the bench-scale testing are anticipated to be included in the next progress report, scheduled for July 2022.

3.1.1 Aeration

Aeration with the addition of iron removed arsenic to below the GWPS. At an iron addition of 1,000 times the initial molar concentration of arsenic, molybdenum was also removed to below the GWPS. Both the passive aeration and bubbler methods were effective at treating arsenic and molybdenum when sufficient iron was added. Percent removals of arsenic and molybdenum for the aeration are summarized in Table 8.

3.1.2 Chemical Oxidation

Chemical oxidation with peroxide or persulfate was effective at removing arsenic to less than the GWPS with the addition of iron at 10 or 100 times the initial molar arsenic concentration, but molybdenum removal was limited for these treatments. Oxidation with permanganate removed

greater than 99% of both arsenic and molybdenum to concentrations below the respective GWPSs. The percent reductions in arsenic and molybdenum concentrations for groundwater using the different chemical oxidation treatments are summarized in Table 9.

3.1.3 Biogenic Sulfide Incubations

The biogenic sulfide incubations removed arsenic from groundwater to concentrations below the GWPS without iron addition; however, there was minimal removal of molybdenum in the incubations that did not have added iron. With iron addition, approximately half of the groundwater concentrations of arsenic and molybdenum were removed; however, this was not sufficient to bring the concentrations below GWPSs. The limited removal with iron addition is likely due to the acidic pH of the incubations when ferrous sulfate was added. Percent removals of arsenic and molybdenum for the biogenic sulfide incubations are summarized in Table 10.

3.2 Geochemical Studies Results for MNA

The laboratory analytical results from the September 2021 routine groundwater sampling event are presented in the *2021 Semiannual Groundwater Monitoring and Corrective Action Report* (ACC 2022) and Appendix C.

Isoconcentration maps and graphs of concentration versus time were made to determine if the area of the plume is stable or shrinking (USEPA's Phase I for MNA). The September 2021 isoconcentration maps for arsenic and molybdenum for Site wells are presented in Figures 5 and 6. The distribution and concentrations of arsenic and molybdenum for the September 2021 sampling event is generally consistent with the March 2021 event (Anchor QEA 2021b) and the recent years before then. Concentration versus time graphs (trend tests) for arsenic and molybdenum in wells with SSLs are shown in Appendix B. The graphs show that concentrations of arsenic and molybdenum in most wells with SSLs are either stable or decreasing during recent sampling events. Arsenic concentrations in downgradient SRIL wells GWA-6 and GWC-12B are consistently below the detection limit, indicating that the lateral extent of arsenic impacts is not expanding.

3.2.1 XRF, XRD, and SSE Evaluations

3.2.1.1 Well Solids (Precipitates)

The XRF chemical analysis of the well solids (precipitates; Table 11) showed relatively high concentrations of iron and aluminum (up to 6.8 weight % and 7.8 weight %, respectively). XRF results showed a positive correlation of arsenic with iron (Figure 10) and molybdenum with iron (Figure 11). The high-arsenic/low-iron point in Figure 10 may represent attenuation by solids in the well precipitates that contain little or no iron.

XRD identified quartz, feldspars, and muscovite/illite as the major constituent minerals in the well solids (precipitates), with minor components of clay (mainly kaolinite) and trace oxides (Table 12). The quartz, feldspars, muscovite/illite, and kaolinite likely are fine particulate relicts from the aquifer matrix that passed through the well screens. Amorphous (poorly crystalline) metal oxides are not discernible by XRD.

Based on the results from the XRF and XRD analyses and available sample volume, samples were selected and analyzed for SSE. Table 13 and Figure 12 show the results of SSE for six well solids samples from the Site. Iron is detected in primarily in the F4 (oxidizable) and F5 (residual) fractions, and less in the F3 (reducible) and F2 (exchangeable) fractions. Arsenic and molybdenum are detected primarily in the F2 (exchangeable) fraction, less in the F4 (oxidizable) fraction, and much less in the F1 (water soluble), F3 (reducible), and F5 (residual) fractions.

3.2.1.2 Aquifer Solids (Soil)

XRF analysis of aquifer soil samples show moderate to high total iron content in the range of 1,579 to 11,027 mg/kg, generally consistent with the well solids samples (Table 14). The mineralogy of the aquifer solids (soil) samples (as determined by XRD) consists predominantly of quartz and feldspars with muscovite-illite, clay minerals (dominantly bentonite and kaolinite), and, except for one very low detection, no crystalline iron oxide minerals (Table 15). However, amorphous (non-crystalline) iron oxides, which are often present in soils but undetectable by XRD, could provide ample capacity for attenuation of arsenic and molybdenum.

SSE was performed on the eight Site aquifer solids (soils) used in the column uptake experiments (Table 13 and Figure 13) to help determine the attenuating mechanisms and stability of arsenic and molybdenum and their hosts. Much of the post-column SSE data were below detection limits due to the lab having to dilute those samples prior to analysis due to matrix interference. However, for detected data (bold in Table 13), the arsenic was in the F4 (strong acid oxidizable) and F5 (residual) fractions. Arsenic was not detected in the remaining fractions. Molybdenum concentrations were mostly in the F2 (exchangeable) and F4 (strong acid oxidizable) fractions, with lesser concentrations in the F5 (residual) fraction. Except for one value for molybdenum in MW-25D (20 to 22 feet below ground surface), arsenic or molybdenum were not detected in the F1 (water soluble) fraction. Iron, which is a major constituent of mineral phases that can take up and attenuate arsenic and molybdenum, was detected in all fractions except for F1 (water soluble), primarily in the F4 (strong acid oxidizable) and F5 (residual) fractions, and less in the F3 (reducible) and F2 (exchangeable) fractions, similar to the well solids SSE results. The F3 (reducible) and F4 (strong acid oxidizable) fractions are associated with iron oxides and indicate attenuation potential for sorption of arsenic and molybdenum.

3.2.2 Column Test Results

Column test results for arsenic and molybdenum are summarized in Table 16 and shown in Figures 14 through 17. Results are plotted as the concentration ratio of effluent to influent as a function of PVs of groundwater passed through each column. Analytical summary reports are included in Appendix C.

Overall, Site soils attenuated arsenic. The attenuating capacity of arsenic in all the Site soils was significant. Soils continued to remove between approximately 70% to 95% of influent arsenic, even after 300-350 PV of flow (Figure 14). The minimum measured arsenic uptake by soils was 8 to 10 mg/kg, with excess capacity for attenuation still remaining at the end of the column tests (Figure 15). The attenuating capacity of molybdenum in the Site soils was variable. Removal capacity was reached after approximately 10 to 100 PV in the deeper soils, while shallower soils generally did not remove molybdenum and appeared to be at capacity (Figure 16). The attenuation capacity of deeper soils (MW-24D 58'-60' and MW-27D 66'-68') for molybdenum was approximately 1.5 mg/kg (Figure 17).

3.2.3 Geochemical Stability and Speciation Results

Using The Geochemist's Workbench software, Pourbaix (Eh-pH) diagrams for iron, arsenic, and molybdenum were constructed based on Site groundwater chemistry data collected in March 2021 to assess the geochemical stability of phases potentially controlling arsenic and molybdenum concentrations under Site conditions[2] (Figures 18 through 20, respectively). Blue fields indicate dissolved/mobile species, and tan fields indicate solid/attenuated species. Eh-pH data from the March 2021 groundwater sampling event are also plotted to determine the most stable species under Site conditions. The Pourbaix stability diagrams indicate the following associations and attenuating mechanisms:

- Site Eh-pH data fall along or near[3] the thermodynamic stability boundaries between amorphous hydrous iron oxide [$Fe(OH)_3(a)$] and dissolved ferrous iron [Fe^{2+}], from which the presence of iron oxides in the aquifer can be inferred as a major control on Eh-pH conditions (Figure 18). Amorphous iron oxides are strong sorbents for many metals and metalloids, including arsenic and molybdenum.
- A majority of Site Eh-pH data, including those downgradient of Parcel A, also plot within the stability field of a barium arsenate mineral phase [$Ba_3(AsO_4)_2$], which may control dissolved

[2] Detailed assumptions used to construct Eh-pH diagrams are included in Figures 18 through 20.

[3] Limits of stability fields on Eh-pH diagrams are approximate and can shift slightly due to changes in groundwater chemistry. The interpretation of field redox measurements (Eh) is also difficult due to lack of equilibrium between all redox couples in natural systems. However, in many groundwater systems, Eh-pH data often reflect the status of iron redox equilibria and are useful for assessing the stability of iron oxides, which attenuate trace elements such as arsenic and molybdenum by adsorption.

arsenic concentrations in areas where barium concentrations exceed those of arsenic (Figure 19).

- Molybdenum concentrations do not appear to be controlled by precipitation of any molybdenum mineral phases under existing Site conditions (Figure 20). Eh-pH data support attenuation of molybdenum on iron oxides because some of the data plot within the hydrous iron oxide [$Fe(OH)_3(a)$] stability field (Figure 20), which is consistent with the column test results (Section 3.2.2).

Geochemical speciation-solubility calculations were also performed to calculate aqueous speciation and determine the saturation state of groundwater samples with respect to possible mineral phases. Saturation index calculations are complementary to Eh-pH diagrams and can be used to infer solid phases potentially present in the aquifer based on groundwater chemistry at specific locations within the aquifer. The solubility of these phases may be controlling dissolved concentrations. If a groundwater solution is saturated or supersaturated with respect to a mineral phase, then that phase could be precipitating and attenuating arsenic and molybdenum as it precipitates. Saturation indices for groundwater samples collected in March 2021 are presented in Table 17, and geochemical speciation modeling results indicate the following:

- Groundwater is generally close to equilibrium or slightly undersaturated with respect to the following:
  - Amorphous hydrous iron oxide [$Fe(OH)_3(a)$]
  - Iron carbonate (siderite)
- Groundwater is supersaturated with respect to the more crystalline iron oxides (goethite, hematite, and magnetite).
- Groundwater in monitoring wells downgradient of Parcel A is supersaturated with respect to a barium arsenate mineral phase.
- Groundwater with detectable molybdenum is currently slightly undersaturated but approaches saturation with respect to calcium and iron molybdate mineral phases ($CaMoO_4$ and $FeMoO_4$), indicating higher calcium and/or iron concentrations could result in precipitation of molybdenum.

The geochemical modeling results reflect the reductive dissolution of iron oxides and release of iron, arsenic, and molybdenum in groundwater hydraulically downgradient of the adjacent Clifton Landfill, as well as subsequent attenuation of arsenic and molybdenum downgradient of Parcel A via sorption on iron oxides and potential precipitation of a barium arsenate mineral phase.

4 Updated Conceptual Site Model

The updated CSM discussed in the most recent *Semiannual Remedy Selection and Design Progress Report* (Anchor QEA 2021b) noted that the identified hydrogeological units at the Site consist of four units comprising the near-surface aquifer system. They have been identified as follows:

- Upper Sands and Topsoil Unit—Variably Saturated Zone: silty, fine sand
- Unit 1—Uppermost Aquifer: silty, fine sand
- Unit 2—Low Permeability Zone: interbedded sand, silt, and clay
- Unit 3—Lower Sand Aquifer: silty and/or clayey fine to medium sand

Unit 2 is absent in some areas of the Site, such as along its southern and southeastern parts. The unit acts as a semi-confining unit, where present, impeding downward migration to Unit 3 and creating perched water within Unit 1. Where Unit 2 is absent, however, hydraulic communication does exist between Units 1 and 3. Two cross sections presented in the *Transport Modeling Report* and *Semiannual Remedy Selection and Design Progress Report* (Anchor QEA 2021a, 2021b) are included in Figures 21 and 22. Detailed descriptions of these units are provided in the ACM Report (Anchor QEA 2020) and *Transport Modeling Report* (Anchor QEA 2021a).

The additional data collected since the issuance of the previous semiannual progress report in July 2021 (Anchor QEA 2021b) allow the refinement of the CSM. The following bullets summarize the current understanding of the CSM within the context of selecting an appropriate groundwater corrective measure for the Site:

- As discussed in Section 1.2.3 and 1.2.4, horizontal and vertical delineation at the Site is complete.
  - Arsenic and molybdenum are vertically delineated by onsite monitoring wells.
  - Arsenic is horizontally delineated by upgradient SRIL wells GWA-6 and GWC-12B, just south of the Site (CEC 2021).
  - Molybdenum is horizontally delineated to below the GWPS just north of the southern boundary of SRIL by the transport model.
- Geochemical studies were integrated into the CSM.
  - SSE results for well solids (precipitates) indicate iron is detected primarily in the F4 (strong acid oxidizable) and F5 (residual) fractions, and less in the F3 (reducible) and F2 (exchangeable) fractions. Arsenic and molybdenum are detected primarily in the F2 (exchangeable) fraction, less in the F4 (strong acid oxidizable) fraction, and much less in the F1 (water soluble), F3 (reducible), and F5 (residual) fractions.
  - SSE results for aquifer solids (soil) indicate arsenic is primarily in the F4 (strong acid oxidizable) and F5 (residual) fractions. Arsenic was not detected in the remaining fractions. Molybdenum concentrations were mostly in the F2 (exchangeable) and

F4 (strong acid oxidizable) fractions, with lesser concentrations in the F5 (residual) fraction. Except for one value for molybdenum in MW-25D (20 to 22 feet below ground surface), arsenic and molybdenum were not detected in the F1 (water soluble) fraction. Iron, which is a major constituent of mineral phases that can take up and attenuate arsenic and molybdenum, was detected in all of the fractions except for F1 (water soluble), primarily in the F4 (strong acid oxidizable) and F5 (residual) fractions, and less in the F3 (reducible) and F2 (exchangeable) fractions, similar to the well solids SSE results. The F3 and F4 fractions are associated with iron oxides and indicate attenuation potential for sorption of arsenic and molybdenum.

  - Additional site-specific MNA study results are included in Section 5.1.

- Slug test estimates from spring 2021, described in the *Transport Modeling Report* (Anchor QEA 2021a), are similar to previous estimates from 1998 slug tests (SCS 1998), with the new overall geometric mean for the Site being 2.7 feet per day (ft/d), as opposed to 4.4 ft/d from the 1998 data. However, the new data provide substantially better coverage of horizontal hydraulic conductivity estimates across the Site. Horizontal hydraulic conductivity is generally higher across Parcel A than across the rest of the Site, with a geometric mean across Parcel A of 11.8 ft/d. The geometric mean across the rest of the Site is 1.4 ft/d.

5 Updated Evaluation of Corrective Measures

Closure of the Site and installation of a cover system in 2019 provide source control that reduces the potential for migration of CCR constituents to groundwater. The corrective measures proposed in the ACM Report (Anchor QEA 2020) were further evaluated based on site-specific conditions to address SSLs in groundwater at the Site. Each individual corrective measure was evaluated relative to criteria specified in 40 CFR 257.96(c) and 40 CFR 257.97(b).

An updated comparative evaluation and feasibility assessment of the corrective measures is provided in Table 1, which includes a brief overview of each corrective measure as follows:

- Geochemical approaches
- Hydraulic containment (pump-and-treat)
- ISS
- MNA
- PRB walls
- Phytoremediation
- Subsurface vertical barrier walls

Detailed descriptions of these corrective measures are provided in the July 2021 *Semiannual Remedy Selection and Design Progress Report* (Anchor QEA 2021b).

5.1 Corrective Measures Retained

The following corrective measures are considered feasible and retained for further analyses[4]:

- Geochemical approaches
  - Geochemical approaches involve modifying the geochemistry of the Site to immobilize arsenic and molybdenum on solids created by injection.
  - Based on the results of the bench-scale treatability results presented in Section 3.1, the following specific geochemical approaches are retained for consideration as a corrective remedy:
    - Aeration in the presence of iron: effective in the removal of both arsenic and molybdenum
    - Chemical oxidation with permanganate: effective in the removal of both arsenic and molybdenum

[4] Groundwater corrective actions for arsenic and molybdenum will likely not be effective until leachate from the Clifton Landfill is controlled.

- ISS
  - ISS, also known as deep soil mixing, a method for solidifying soil or waste material, immobilizing arsenic and molybdenum in the solid matrix, and reducing leaching of the constituents to groundwater, continues to be retained as a possible corrective measure.
  - ISS will be evaluated using the Site transport model.
- MNA
  - Based on the MNA evaluation results presented in Section 3.2, MNA continues to be retained as a potential corrective measure.
    - XRF results showed a correlation between arsenic and iron, and molybdenum and iron concentrations.
    - Column testing showed that, overall, Site soils attenuate arsenic and, in some cases, molybdenum.
    - Geochemical stability results show that Site Eh-pH data fall near the thermodynamic stability boundaries for amorphous hydrous iron oxide [$Fe(OH)_3(a)$], which is a strong sorbent for many metals and metalloids, including arsenic and molybdenum.
- Phytoremediation
  - Phytoremediation could provide some hydraulic containment through targeted placement of TreeWells, which function like small pumping wells via transpiration. Phytoremediation using TreeWells will be evaluated using the Site transport model.

5.2 Corrective Measures Not Retained

The following corrective measures are not recommended for further evaluation or implementation due to site-specific conditions:

- Chemical oxidation with persulfate, chemical oxidation with hydrogen peroxide, and biogenic sulfide generation, because these methods proved effective for removal of arsenic but not molybdenum
- Hydraulic containment (pump-and-treat)
- PRB walls
- Subsurface vertical barrier walls, either stand-alone or in conjunction with PRB walls in a funnel-and-gate configuration

Detailed explanation of why the latter three of these corrective measures are no longer retained for consideration are provided in the July 2021 *Semiannual Remedy Selection and Design Progress Report* (Anchor QEA 2021b).

6 Planned Activities and Anticipated Schedule

Georgia Power proactively initiated adaptive site management as outlined in the ACM Report (Anchor QEA 2020) to support the remedial strategy and address potential changes in Site conditions as appropriate. The adaptive site management approach may be adjusted over the Site's life cycle as new Site information and technologies become available. Georgia Power will continue its data collection efforts as necessary to refine the CSM and further evaluate the feasibility of each corrective measure proposed in the ACM Report. The corrective measures that continue to be evaluated are presented in Section 5 and explained in Table 1. Once sufficient data are available to make technically sound decisions regarding the ability to implement one or more specific corrective measures, appropriate steps will be taken to design and implement a remedy for the Site.

Specific activities to be performed during the next semiannual reporting period include the following:

- Continue routine groundwater sampling to analyze and evaluate trends for effectiveness of source control and plume stability; prepare and compare isoconcentration maps through time.
- Continue to evaluate concentration versus time graphs to determine if natural attenuation is already occurring through time. If data are sufficient, estimate time to achieve GWPSs from the graphs.
- As a follow-up to oxygenation treatability studies, perform characterization of precipitates formed during treatability studies to determine composition and stability.
- Complete SEM and CEC analysis to further evaluate MNA.
  - SEM allows direct visual observation and elemental analysis of attenuating phases.
  - CEC determines if ion exchange on clays is a viable attenuating mechanism.
- Evaluate the effectiveness of hydraulic containment using TreeWells.
- Evaluate ISS feasibility and effectiveness.

Table 18 presents these supplemental data collection and evaluation activities proposed to be completed during the next semiannual reporting period. The results of the evaluations are anticipated to be included in the next progress report, scheduled for July 2022.

Georgia Power will continue to prepare semiannual remedy selection progress reports to document groundwater conditions, results associated with additional data gathering, and the progress in selecting and designing the remedy in accordance with 40 CFR 257.97(a). Georgia Power will include future semiannual remedy selection progress reports in routine groundwater monitoring and corrective action reports. Recordkeeping, notifications, and publicly accessible website requirements for the semiannual remedy selection progress reports will be provided in accordance with 40 CFR 257.105(h)(12), 257.106(h)(9), and 257.107(h)(9), respectively.

7 References

ACC (Atlantic Coast Consulting, Inc.), 2019a. *Assessment of Corrective Measures – 2019 Addendum*. Grumman Road Private Industrial Landfill. Prepared for Georgia Power Company. October 2019.

ACC, 2019b. *Supplemental 2019 First Semiannual Groundwater Monitoring Report*. Grumman Road Private Industrial Landfill. Prepared for Georgia Power Company. August 2019.

ACC, 2022. *2021 Semiannual Groundwater Monitoring and Corrective Action Report*. Grumman Road Private Industrial Landfill. Prepared for Georgia Power Company. February 2022.

Anchor QEA (Anchor QEA, LLC), 2019. *Arsenic Mobilization Laboratory Evaluation*. Grumman Road Private Industrial Landfill. Prepared for Georgia Power Company. September 2019.

Anchor QEA, 2020. *Assessment of Corrective Measures*. Grumman Road Private Industrial Landfill. Prepared for Georgia Power Company. December 2020.

Anchor QEA, 2021a. *Transport Modeling Report*. Grumman Road Private Industrial Landfill. Prepared for Georgia Power Company. November 2021.

Anchor QEA, 2021b. *Semiannual Remedy Selection and Design Progress Report*. Grumman Road Private Industrial Landfill. Prepared for Georgia Power Company. July 2021.

Bethke, C.M., and S. Yeakel, 2013. *The Geochemist's Workbench – Release 9.0. GWB Essentials Guide*. Champaign, Illinois: Aqueous Solutions, LLC.

Brantley Engineering (Brantley Engineering, LLC), 2017. *Closure Certification Report, Grumman Road Ash Landfill Parcels B2 & B3, Closure Final Cover Construction*. Georgia Power Grumman Road Landfill. Prepared for Southern Company Services Engineering and Construction Services. November 2017.

Brantley Engineering, 2019. *Closure Construction Certification Report. Grumman Road Ash Landfill Parcel A' (Prime), Closure Final Cover Construction*. Georgia Power Company Grumman Road Landfill. Prepared for Southern Company Services Engineering and Construction Services. November 2019.

CEC (Civil & Environmental Consultants, Inc.), 2021. Letter to: Nichola Webber, Republic Services. Regarding: 2nd 2021 Semiannual Groundwater Statistical Analysis Report. Savannah Regional Industrial Landfill. November 23, 2021.

NewFields, 2020. *Well Survey*. Grumman Road Private Industrial Landfill. Prepared for Georgia Power Company. March 9, 2020.

Parkhurst, D.L., and C.A.J. Appelo, 2013. "Description of Input and Examples for PHREEQC Version 3—A Computer Program for Speciation, Batch-Reaction, One-Dimensional Transport, and Inverse Geochemical Calculations." *U.S. Geological Survey Techniques and Methods*. Book 6. Washington, DC: U.S. Department of the Interior; p. 497. Available at: http://pubs.usgs.gov/tm/06/a43.

SCG (Southern Company Generation, Earth Science and Environmental Engineering Technical Services), 2007. *Cells A & B1 Certification for Closure*. Plant Kraft Grumman Road Ash Monofill Industrial Solid Waste Landfill Permit No. 025-061D (L) (I). Prepared for Georgia Power Company. January 2007.

SCS (Southern Company Services), 1998. *Grumman Road Monofill Groundwater Monitoring Plan*. Prepared for Savannah Electric and Power Company. November 1998.

USEPA (U.S. Environmental Protection Agency), 1999. *Use of Monitored Natural Attenuation at Superfund, RCRA Corrective Action, and Underground Storage Tank Sites*. EPA/OSWER No. 9200.4-17P. Washington, DC: Office of Solid Waste and Emergency Response.

USEPA, 2007a. *Monitored Natural Attenuation of Inorganic Contaminants in Ground Water Volume 1 – Technical Basis for Assessment*. EPA/600/R-07/139. October 2007.

USEPA, 2007b. *Monitored Natural Attenuation of Inorganic Contaminants in Ground Water Volume 2 – Assessment for Non-Radionuclides Including Arsenic, Cadmium, Chromium, Copper, Lead, Nickel, Nitrate, Perchlorate, and Selenium.* EPA/600/R-07/140. October 2007.

USEPA, 2015. *Use of Monitored Natural Attenuation for Inorganic Contaminants in Groundwater at Superfund Sites*. U.S. Environmental Protection Agency Office of Solid Waste and Emergency Response Directive 9283.1-36. August 2015.

Tables

Table 1
Evaluation of Remedial Technologies

Corrective Measure	Regulatory Citation for Criteria	40 CFR 257.96(C)(1)			
	Description	Performance	Reliability	Ease or Difficulty of Implementation	Potential Impacts of Remedy
Geochemical approaches (oxidation by physical or chemical means; adsorption to or coprecipitation with iron compounds via injection of treatment chemicals)	Geochemical approaches involve modifying the geochemistry of the Site to immobilize arsenic and molybdenum on solids created by injection. Depending upon the objective and Site geochemical conditions, immobilization may be achieved by oxygenation or injection of the appropriate treatment solutions. Oxygenation may be achieved chemically by injecting oxidants, placing slow-release oxidizing chemical candles in wells, or by physical methods such as air sparging or installation of Waterloo Emitters in wells. Other forms of geochemical approaches (also known as enhanced attenuation) include the injection of treatment solutions to immobilize constituents by precipitation/coprecipitation and/or sorption. The treatment solutions would likely contain iron compounds to create ferrihydrite to sorb arsenic and molybdenum, or to precipitate sulfide minerals, which incorporate arsenic and molybdenum into their mineral structures.	The performance of this remedy is considered medium. Leachate from the Clifton Landfill would need to be controlled for both oxidation and adsorption/coprecipitation to be effective. If not controlled, the reducing characteristics of Clifton Landfill leachate would produce reductive dissolution of iron or other natural or introduced metal oxides, which would release arsenic and molybdenum bound to those oxides.	The reliability of this remedy is considered medium. Multiple injections will likely be required for chemical-based approaches. For physical approaches (such as sparging wells and emitters), mechanical components would need to be maintained.	Implementation of this remedy would be easy to moderate. For chemical approaches, laboratory treatability studies would need to be scaled up to field conditions, injection wells installed, or a system using direct push technology designed. For physical approaches, mechanical components would need to be designed, installed, and maintained.	The unintended release of constituents currently bound to soil is possible if inappropriate treatment chemicals or oxidizing agents are used. Also, treatment chemicals need to be tested for Appendix IV impurities before injection to avoid accidental introduction.
Hydraulic containment (pump-and-treat)	Hydraulic containment uses pumping wells (and sometimes injection wells, trenches, and/or galleries) to contain and prevent the expansion of impacted groundwater by creating a horizontal and vertical capture zone or a hydraulic barrier. If pumped, the water may be reused in beneficial applications or treated, discharged, or reinjected after treatment. Reinjection contributes to hydraulic containment by creating a hydraulic barrier of clean water. Hydraulic containment in various applications (including pump-and-treat) is applicable to arsenic and molybdenum because conventional and proven water treatment technologies are available for arsenic and molybdenum.	Hydraulic containment via pump-and-treat has been used for groundwater corrective action for decades. When the pump-and-treat system is online, the performance is considered high. Arsenic and molybdenum are readily treated, and if the system subsurface hydraulics are designed properly, the area of impact will stabilize or shrink.	Because the pump-and-treat system requires substantial operation and maintenance, reliability is considered medium. Pumps, piping, and the water treatment system must be maintained and will be offline occasionally for various reasons.	Hydraulic containment via pump-and-treat is difficult to implement due to design; installation of wells, pumps, and piping; and space constraints. An on-site water treatment plant would be required to accommodate the quantity and constituents in the pumped groundwater. Because the quantity of water requiring treatment cannot be determined without further study, the design parameters of the treatment system would also need to be verified through additional investigations.	Hydraulic containment via pump-and-treat will alter groundwater-flow hydraulics beneath and adjacent to the Site.
In situ solidification/stabilization	ISS, also known as deep soil mixing, is a method for solidifying soil or waste material, immobilizing constituents of interest in the solid matrix, and reducing leaching of the constituents to groundwater. ISS both reduces permeability and chemically binds constituents of interest such as arsenic and molybdenum. Materials specific to the constituents of interest (e.g., ferrous sulfate or zero-valent iron for arsenic and molybdenum) may be added in small quantities to further reduce leaching of the constituents. In ISS, Portland cement and, sometimes, select chemical additives are mixed with soil or waste material using a bucket, large augers, or rotary methods. At the Site, ISS would be used as a source control measure to solidify/stabilize ash beneath the water table, thereby reducing leaching to groundwater. Due to the ISS application depths required at the Site, mixing by auger is likely the only viable application method.	Performance is considered high, as leaching of constituents can be greatly reduced in both laboratory treatability studies, and subsequent field applications. Site-specific performance would need to be assessed with laboratory treatability and, possibly, a field pilot test.	Reliability is considered high because the stabilized block does not require maintenance and is essentially permanent.	Ease of implementation is considered moderate at the Site because mixing would need to be implemented at depth from the top or slopes of the ash landfill. Depending upon the method of application, a cement batch plant (and associated pumps) may need to be constructed at the Site.	ISS may cause a temporary spike of arsenic and, possibly, molybdenum in groundwater at the time of implementation. This spike is expected to dissipate, and groundwater arsenic and molybdenum concentrations are expected to fall below pre-implementation values with time.

Corrective Measure	Regulatory Citation for Criteria	40 CFR 257.96(C)(1)			
	Description	Performance	Reliability	Ease or Difficulty of Implementation	Potential Impacts of Remedy
MNA	MNA relies on natural attenuation processes (within the context of a carefully controlled and monitored site cleanup approach) to achieve site-specific remediation objectives within a time frame that is reasonable compared to that offered by other, more active, methods. For arsenic and molybdenum, the primary mechanisms of natural attenuation include sorption to iron compounds such as ferrihydrite or iron sulfide minerals, precipitation and coprecipitation with sparingly soluble sulfide minerals and other compounds, and physical processes such as dispersion (USEPA 2007a, 2007b; EPRI 2015). Under favorable conditions, these processes act without human intervention to reduce the mass, toxicity, mobility, volume, or concentration of contaminants in soil or groundwater.	The performance of MNA requires further investigation, especially related to the identification of attenuating mechanisms, aquifer capacity for attenuation, and time to achieve GWPS. The aquifer material at the Site contains significant silt and/or clay, which favors natural attenuation mechanisms such as sorption. However, leachate from the Clifton Landfill is likely mobilizing arsenic and, possibly, molybdenum from ash and natural soil, resulting in a continued source of those constituents to groundwater if not controlled. Therefore, MNA performance is considered medium to high if landfill leachate from Clifton Landfill is controlled.	Reliability of MNA will be relatively high because MNA requires almost no operation and maintenance.	Implementation of MNA at the Site will be relatively easy. Most of the wells for MNA are already in place, though a few additional wells may need to be installed to monitor progress in critical areas.	Potential impacts of the remedy will be negligible because MNA is non-intrusive and produces no effluents or emissions.
PRB wall (containing sorptive media, oxygenation chemicals, or organic matter)	A PRB wall is the emplacement of chemically reactive materials in the subsurface to intercept impacted groundwater, provide a flow path through the reactive media, and capture or transform the constituents in groundwater to achieve GWPS downgradient of the PRB wall. PRB walls are an in situ technology that allows impacted water to flow through the media and provides a barrier to constituents, rather than to groundwater flow, thereby reducing constituents downgradient of the reactive barrier to compliance levels (Powell et al. 1998, 2002). PRB walls may be constructed as funnel-and-gate systems. In a PRB wall implementation, reactive media may be emplaced in a trench or mixed directly with the soil or aquifer media using augers or other mixing techniques. If emplaced in a trench, coarse sand is usually included to maintain permeability through the wall. Effective reactive media are commercially available for arsenic and molybdenum. Depending on the site conditions and the objective of the PRB wall, three types of media could be used: oxygenating chemicals, adsorptive media, or organic matter and chemicals to create sulfide minerals (i.e., a biowall).	When working effectively in suitable conditions, PRB walls can reduce constituents to GWPS downgradient of the walls. However, because of site-specific uncertainties associated with the reactive media and subsurface hydraulics, performance is considered medium to high.	Because the reactive media are expended, may clog through time, and will need to be replaced, reliability is considered medium.	Because it involves trenching or mixing with augers, and due to space constraints, ease of implementation is considered moderate to difficult.	Alteration of subsurface hydraulics (flow) may be a potential impact of this remedy.
Phytoremediation	Phytoremediation uses trees or other plants to take up or immobilize constituents or achieve some level of hydraulic containment. Hyperaccumulating plants are available for arsenic and molybdenum, but the roots of those plants are too shallow to access impacted groundwater at the Site. Some level of hydraulic containment could be achieved at the Site using trees, including the engineered TreeWell system. Transpiration of groundwater causes the TreeWell to act like a pumping well. Trees can affect hydraulic gradients and groundwater flow by removal of water and thus can be used to create a partial barrier to groundwater flow. This process may be enhanced by planting the tree in a column of more permeable material (e.g., the TreeWell system), such that water preferentially flows toward the TreeWell. In addition, some arsenic and molybdenum may be immobilized within the root zone or incidentally taken up into the tree biomass.	The performance of TreeWells is considered medium because the trees may not transpire (pump) enough water to maintain hydraulic containment based on site-specific conditions.	The reliability of TreeWells is considered medium because the trees may not transpire (pump) as much during winter.	Implementation of hydraulic containment using trees will be relatively easy, primarily consisting of constructing the TreeWells and planting the trees.	None have been identified.

Corrective Measure	Regulatory Citation for Criteria	40 CFR 257.96(C)(1)			
	Description	Performance	Reliability	Ease or Difficulty of Implementation	Potential Impacts of Remedy
Subsurface vertical barrier walls (if/as needed as a component of PRB walls or, possibly, hydraulic containment)	Subsurface vertical barrier walls can be used to stop the flow of groundwater and any constituents that groundwater contains, including arsenic and molybdenum. Though effective, vertical barrier walls may serve as groundwater dams such that groundwater rises to the surface or flows around the ends of the wall. Subsurface barrier walls are not envisioned as stand-alone corrective measures at the Site. If they offer advantages, subsurface barrier walls could be a component of PRB walls in a funnel-and-gate configuration or as part of a hydraulic containment system to direct groundwater toward pumping wells.	Subsurface vertical barrier walls are a widely used and accepted technology with relatively high performance.	Subsurface vertical barrier walls are a widely used and accepted technology with relatively high reliability due to minimal need for maintenance or replacement.	Implementation at the Site is considered easy to moderate due to trenching or other emplacement methods.	Potential impacts of the remedy include alteration of subsurface hydraulics (flow) beneath and adjacent to the Site.

Corrective Measure	Regulatory Citation for Criteria	40 CFR 257.96(C)(2)	40 CFR 257.96(C)(3)		Relative Cost	Feasibility
	Description	Time to Begin/Complete Remedy	Institutional Requirements	Other Environmental or Public Health Requirements		
Geochemical approaches (oxidation by physical or chemical means, and adsorption to or coprecipitation with iron compounds via injection of treatment chemicals)	Geochemical approaches involve modifying the geochemistry of the Site to immobilize arsenic and molybdenum on solids created by injection. Depending upon the objective and Site geochemical conditions, immobilization may be achieved by oxygenation or injection of the appropriate treatment solutions. Oxygenation may be achieved chemically by injecting oxidants, placing slow-release oxidizing chemical candles in wells, or by physical methods such as air sparging or installation of Waterloo Emitters in wells. Other forms of geochemical approaches (also known as enhanced attenuation) include the injection of treatment solutions to immobilize constituents by precipitation/coprecipitation and/or sorption. The treatment solutions would likely contain iron compounds to create ferrihydrite to sorb arsenic and molybdenum or to precipitate sulfide minerals, which incorporate arsenic and molybdenum into their mineral structures.	This remedy could be designed and implemented in 1 to 2 years. Once installed, the time required to achieve GWPS within the treatment area may be relatively quick but depends on the attenuation processes of each targeted constituent. The time for complete distribution of the injected materials throughout the treatment area is also variable.	An underground injection control permit may be required for injection of oxidizing agents or treatment chemicals.	Treatability studies, groundwater modeling, and monitoring may be required to demonstrate that unintended impacts (e.g., release of constituents) are not occurring and do not extend off site.	Low to medium due to injection infrastructure, oxidizing agents or treatment chemicals, and mechanical equipment for the physical oxidation techniques	The following are based on treatability studies: • Aeration with iron addition was effective for both arsenic and molybdenum **(feasible)**. • Chemical oxidation using permanganate was effective for both arsenic and molybdenum **(feasible)**, but persulfate or hydrogen peroxide were effective for arsenic only **(not recommended)**. • Biogenic sulfide generation was effective for arsenic only, not molybdenum **(not recommended)**.

Corrective Measure	Regulatory Citation for Criteria	40 CFR 257.96(C)(2)	40 CFR 257.96(C)(3)		Relative Cost	Feasibility
	Description	Time to Begin/Complete Remedy	Institutional Requirements	Other Environmental or Public Health Requirements		
Hydraulic containment (pump-and-treat)	Hydraulic containment uses pumping wells (and sometimes injection wells, trenches, and/or galleries) to contain and prevent the expansion of impacted groundwater by creating a horizontal and vertical capture zone or hydraulic barrier. If pumped, the water may be reused in beneficial applications or treated, discharged, or reinjected after treatment. Reinjection contributes to hydraulic containment by creating a hydraulic barrier of clean water. Hydraulic containment in various applications (including pump-and-treat) is applicable to arsenic and molybdenum because conventional and proven water treatment technologies are available for arsenic and molybdenum.	Pump-and-treat could probably be designed and installed within 1 to 2 years. Based on case histories, time to achieve GWPS is dependent on the desorption kinetics of arsenic and molybdenum from the aquifer solids and could take an extended period of time. If leachate coming from the Clifton Landfill is not controlled, time to achieve GWPS cannot be determined.	Regulatory requirements and institutional controls may be greater for pump-and-treat than some of the other technologies. For example, permits may be required for the withdrawal and reinjection (if used) of water. Discharge of treated water would likely require a National Pollutant Discharge Elimination System permit.	Aboveground treatment components may need to be present for an extended period of time, generating residuals requiring management and disposal.	High	**Not recommended** Hydraulic containment is not recommended for the following reasons: geometry of the Site may not be amenable to effective hydraulic containment due to possible spatial constraints for system installation and the conditions created by adjacent landfills; without control of Clifton Landfill leachate, the Site hydraulic control system may essentially be a treatment system for Clifton Landfill leachate and would operate indefinitely until the landfill leachate is controlled; required installation of a water treatment system and identification of a discharge point for treated water; high operation and maintenance requirements; long time required to achieve GWPS, likely beyond the post-closure period of 30 years; and excessive use of resources (such as electricity and water treatment chemicals), making it one of the least sustainable corrective action options (EPRI 2015).
In situ solidification/stabilization	ISS is achieved by creating reactive zones in the subsurface through chemical injection to intercept constituents and permanently immobilize or degrade them into harmless end products. ISS is the process by which constituent mobility in a solid matrix is decreased through physical and/or chemical means. Grout or other chemical additives are mixed with aquifer materials to reduce permeability. The resulting lower aquifer permeability limits the flow of impacted groundwater.	ISS could be designed and implemented in 1 to 2 years. Laboratory treatability and, possibly, a field pilot test would need to be performed. Time to achieve GWPS is uncertain and may be dependent on natural attenuation processes.	No institutional requirements are expected.	There would be a small disruption of industrial area during construction. Following installation, the remedy is passive.	Medium, due to mobilization and use of large equipment and, possibly, a cement batch plant and associated equipment such as pumps	**Feasible**

Corrective Measure	Regulatory Citation for Criteria	40 CFR 257.96(C)(2)	40 CFR 257.96(C)(3)		Relative Cost	Feasibility
	Description	Time to Begin/Complete Remedy	Institutional Requirements	Other Environmental or Public Health Requirements		
MNA	MNA relies on natural attenuation processes (within the context of a carefully controlled and monitored site cleanup approach) to achieve site-specific remediation objectives within a time frame that is reasonable compared to that offered by other, more active methods. For arsenic and molybdenum, the primary mechanisms of natural attenuation include sorption to iron compounds such as ferrihydrite or iron sulfide minerals, precipitation and coprecipitation with sparingly soluble sulfide minerals and other compounds, and physical processes such as dispersion (USEPA 1999, 2007a, 2007b; EPRI 2015). Under favorable conditions, these processes act without human intervention to reduce the mass, toxicity, mobility, volume, or concentration of contaminants in soil or groundwater.	Implementation of MNA would require some geochemical studies and, possibly, the installation of some new wells. Because MNA does not require design and construction of infrastructure other than new monitoring wells, it can be initiated within 6 months to a year and fully implemented in 18 to 24 months. The longer time period is because initial geochemical studies would need to be performed to support USEPA's phases, and at least 1 year of groundwater monitoring data is recommended before implementation of MNA is considered complete. The additional data would be needed for statistical analysis and to determine if additional monitoring wells need to be installed. MNA is expected to be successful within a reasonable time frame if Clifton Landfill leachate is controlled.	None identified	Little to no physical disruption to remediation areas and no adverse construction-related impacts are expected on the surrounding industrial area. Following installation, the remedy is passive and does not require external energy.	Low	Based on MNA Evaluation to date: **Feasible**
PRB wall (containing sorptive media, oxygenation chemicals, or organic matter)	A PRB wall is the emplacement of chemically reactive materials in the subsurface to intercept impacted groundwater, provide a flow path through the reactive media, and capture or transform the constituents in groundwater to achieve GWPS downgradient of the PRB wall. PRB walls are an in situ technology that allows impacted water to flow through the media and provides a barrier to constituents, rather than to groundwater flow, thereby reducing constituents downgradient of the reactive barrier to compliance levels (Powell et al. 1998, 2002). PRB walls may be constructed as funnel-and-gate systems. In a PRB wall implementation, reactive media may be emplaced in a trench or mixed directly with the soil or aquifer media using augers or other mixing techniques. If emplaced in a trench, coarse sand is usually included to maintain permeability through the wall. Effective reactive media are commercially available for arsenic and molybdenum. Depending on the site conditions and the objective of the PRB wall, three types of media could be used: oxygenating chemicals, adsorptive media, or organic matter and chemicals to create sulfide minerals (i.e., a biowall).	Considering the need for laboratory treatability studies on the reactive media, analysis of the subsurface hydraulics, and the relatively small area of emplacement, time to implement the remedy is estimated to be 1 to 2 years. Once installed, the time to achieve GWPS immediately downgradient of the PRB wall is anticipated to be relatively quick. Time to achieve GWPS more distant from the PRB wall would be dependent on natural attenuation processes.	None identified	There would be a small disruption of industrial area during construction. Following installation, the remedy is passive. If reactive media are not selected carefully through laboratory treatability studies, groundwater geochemistry could be altered (possibly resulting in unintended releases of constituents downgradient of the wall).	Medium	**Not recommended** This is not recommended due to a lack of a continuous, low-permeability confining layer to tie the PRB wall into at depths above the maximum depth investigated (approximately 70 feet bgs), periodic replacement of the reactive media as the media becomes spent or clogged, and inability to address previously impacted groundwater downgradient of wall installation.

Corrective Measure	Regulatory Citation for Criteria	40 CFR 257.96(C)(2)	40 CFR 257.96(C)(3)		Relative Cost	Feasibility
	Description	Time to Begin/Complete Remedy	Institutional Requirements	Other Environmental or Public Health Requirements		
Phytoremediation	Phytoremediation uses trees or other plants to take up or immobilize constituents or achieve some level of hydraulic containment. Hyperaccumulating plants are available for arsenic and molybdenum, but the roots of those plants are too shallow to access impacted groundwater at the Site. Some level of hydraulic containment could be achieved at the Site using trees, including the engineered TreeWell system. Trees can affect hydraulic gradients and groundwater flow by removal of water and thus can be used to create a partial barrier to groundwater flow. This process may be enhanced by planting the tree in a column of more permeable material (e.g., the TreeWell system), such that water preferentially flows toward the TreeWell. Transpiration of groundwater causes the TreeWell to act like a pumping well. In addition, some arsenic and molybdenum may be immobilized within the root zone or incidentally taken up into the tree biomass.	Phytoremediation could be designed and implemented in 6 to 12 months. Hydraulic containment is expected to occur in a reasonable time frame but needs to be calculated based on the number and transpiration rate of the TreeWells.	None identified	Little to no physical disruption to remediation areas and no adverse construction-related impacts are expected on the surrounding industrial area. Following installation, the remedy is passive and does not require external energy.	Low	**Feasible**
Subsurface vertical barrier walls (if/as needed as a component of PRB walls or, possibly, hydraulic containment)	Subsurface vertical barrier walls can be used to stop the flow of groundwater and any constituents that groundwater contains, including arsenic and molybdenum. Though effective, vertical barrier walls may serve as groundwater dams such that groundwater rises to the surface or flows around the ends of the wall. Subsurface barrier walls are not envisioned as stand-alone corrective measures at the Site. If they offer advantages, subsurface barrier walls could be a component of PRB walls in a funnel-and-gate configuration or as part of a hydraulic containment system to direct groundwater toward pumping wells.	Time to implement the remedy (design and construct the wall) could be 1 to 2 years. As a component of PRB walls in a funnel-and-gate configuration or as part of a hydraulic containment system, time to achieve GWPS would be dependent on the other corrective measures.	None identified	There would be some disruption of industrial area during construction. Following installation, the remedy is passive.	Medium	**Not Recommended** This is not recommended due to being contingent on companion technology; see PRB wall implementation discussion above. Also, as with a PRB wall, there is no continuous, low-permeability confining layer to tie into at depths above the maximum depth investigated (approximately 70 feet bgs).

Notes:

EPRI (Electric Power Research Institute), 2015. Monitored Natural Attenuation for Inorganic Constituents in Coal Combustion Residuals. 3002006285. December 2015.

Powell, R.M., R.W. Puls, D. Blowes, J. Vogan, R.W. Gillham, P.D. Powell, D. Schultz, R. Landis, and T. Sivavec, 1998. *Permeable Reactive Barrier Technologies for Contaminant Remediation.* EPA/600/R-98-125.

Powell, R.M., P.D. Powell, and R.W. Puls, 2002. *Economic Analysis of the Implementation of Permeable Reactive Barriers for Remediation of Contaminated Ground.* EPA/600/R-02/034. June 2002.

USEPA, 1999. *Use of Monitored Natural Attenuation at Superfund, RCRA Corrective Action, and Underground Storage Tank Sites*. EPA/OSWER No. 9200.4-17P. Washington, DC: Office of Solid Waste and Emergency Response.

USEPA, 2007a. *Monitored Natural Attenuation of Inorganic Contaminants in Ground Water Volume 1 – Technical Basis for Assessment*. EPA/600/R-07/139. October 2007.

USEPA, 2007b. *Monitored Natural Attenuation of Inorganic Contaminants in Ground Water Volume 2 – Assessment for Non-Radionuclides Including Arsenic, Cadmium, Chromium, Copper, Lead, Nickel, Nitrate, Perchlorate, and Selenium.* EPA/600/R-07/140. October 2007.

bgs: below ground surface
CFR: Code of Federal Regulations
Clifton Landfill: Clifton Rental Company, Inc., Landfill (closed)
GWPS: groundwater protection standard
ISS: in situ stabilization/solidification
MNA: monitored natural attenuation
PRB: permeable reactive barrier
Site: Grumman Road Private Industrial Landfill
USEPA: U.S. Environmental Protection Agency

Table 2
Aquifer Solids (Soil) Sample Characterization Results

Parameter	MW-23D (18 to 20 feet bgs)	MW-24D (22 to 24 feet bgs)	MW-25D (20 to 22 feet bgs)	MW-27D (20 to 22 feet bgs)
Arsenic (mg/kg)	<3	<3	<3	<3
Molybdenum (mg/kg)	4.07	3.6	<3	<3
Iron (mg/kg)	4,600	3,600	2,600	1,600
Iron oxides (mg/kg)	1,400	73	38	--
Manganese (mg/kg)	140	130	130	110
Aluminum (mg/kg)	47,400	43,900	41,100	38,700
Aluminum oxides (mg/kg)	6,300	560	2,500	--
Total organic carbon (wt %)	1.15	0.09 J	0.25	--
Sulfide (mg/kg)	0.2 U	0.2 U	0.2 U	--
Permanganate SOD (mg/kg)	--	--	--	>40,400
Persulfate SOD (mg/kg)	--	--	--	30,400

Notes:

--: not analyzed

bgs: below ground surface

J: indicates the result is an estimated value

mg/kg: milligrams per kilogram

SOD: soil oxidant demand

U: indicates a non-detect at the method detection limit

wt %: weight percent

Table 3
Groundwater Sample Characterization Results for Bench-Scale Treatability Studies

Parameter	GWC-15	GWC-20
Dissolved arsenic (µg/l)	260	260
Arsenic (III) (µg/L)	170	130
Arsenic (V) (µg/L)	63	99
Inorganic arsenic (µg/L)	230	230
Dissolved molybdenum (µg/l)	90	530
Dissolved iron (µg/l)	270	400
Dissolved manganese (µg/l)	270	100
Total arsenic (µg/l)	270	260
Total Iron (µg/l)	290	410
Total manganese (µg/l)	280	100
Calcium (mg/L)	108	227
Magnesium (mg/L)	18	94
Potassium (mg/L)	11	24
Silica (mg/L)	1.2	2.0
Sodium (mg/L)	6.3	100
Chloride (mg/L)	3.6	29
Nitrate-nitrogen (mg/L)	0.02 U	0.02 U
Sulfate (mg/L)	35	980
Phosphate-phosphorous (mg/L)	0.004 U	0.013 J
Alkalinity as $CaCO_3$ (mg/L)	330	200
Ammonia-nitrogen (mg/L)	0.26	0.94
Sulfide (mg/L)	0.03 U	0.03 U
Dissolved organic carbon (mg/L)	30	28
Total organic carbon (mg/L)	29	28

Notes:

Samples for the bench-scale treatability studies were collected in May 2021

µg/L: micrograms per liter

$CaCO_3$: calcium carbonate

J: indicates the result is an estimated value

mg/L: milligrams per liter

U: indicates a non-detect at the method detection limit

Table 4
Geochemical Analysis of Monitoring Well and Aquifer Solids

Analysis	Description	Relevance to MNA Demonstration
CEC	Determines if cation exchange on clays is an attenuating mechanism.	Supports Tier 2 (mechanisms) and Tier 3 (stability) of cation exchange.
SEM	Allows direct visual observation of attenuating phases, such as framboidal pyrite and iron oxide coatings on sand grains.	Supports Tier 2 (mechanisms) and Tier 3 (stability) of attenuating phases.
SSE	Determines which attenuating solid phases are associated with constituents of interest.	Supports Tier 2 (mechanisms) and Tier 3 (stability) of attenuating phases.
XRD	Identifies and provides mineralogy of crystalline attenuating phases.	Supports Tier 2 (mechanisms) and Tier 3 (stability) of attenuation involving crystalline mineral phases.
XRF	Provides bulk chemistry and presence of constituents of interest.	Relationships are determined among elements in attenuating phases (e.g., iron and manganese) and constituents of interest. Supports Tier 2 (mechanisms) and Tier 3 (stability).

Notes:

CEC: cation exchange capacity

MNA: monitored natural attenuation

SEM: scanning electron microscopy

SSE: selective sequential extraction

XRD: X-ray diffraction

XRF: X-ray fluorescence

Table 5
Initial Groundwater Characterization Results for Column Test Studies

Parameter	Result	Unit
	GWC-15	
Alkalinity	277	mg/L as $CaCO_3$
Ammonia as N	0.254	mg/L
Total organic carbon	25.9	mg/L
Chloride	4.41	mg/L
Fluoride	0.01 U	mg/L
Nitrate as N[1]	0.04 J	mg/L
Nitrite as N	0.006 U	mg/L
Orthophosphate	0.02 U	mg/L
Sulfate	71.1	mg/L
Aluminum, dissolved	59	µg/L
Aluminum, total	61	µg/L
Antimony, dissolved	7 U	µg/L
Arsenic, dissolved	164	µg/L
Barium, dissolved	46.3	µg/L
Beryllium	0.3 U	µg/L
Boron, dissolved	756	µg/L
Cadmium, dissolved	0.4 U	µg/L
Calcium, dissolved	103	mg/L
Chromium, dissolved	2.1 U	µg/L
Cobalt, dissolved	0.7 U	µg/L
Iron, dissolved	1,420	µg/L
Iron, total	1,470	µg/L
Lead, dissolved	3 U	µg/L
Lithium, dissolved	6 U	µg/L
Magnesium, dissolved	19.6	mg/L
Manganese, dissolved	298	µg/L
Manganese, total	298	µg/L
Molybdenum, dissolved	123	µg/L
Nickel, dissolved	1.4 J	µg/L
Potassium, dissolved	11.3	mg/L
Selenium, dissolved	7 U	µg/L
Silicon, dissolved	0.78	mg/L
Silver, dissolved	2.1 U	µg/L
Sodium, dissolved	7.37	mg/L
Thallium, dissolved	4 U	µg/L
Zinc, dissolved	0.5 U	µg/L
pH	6.60	--

Notes:

Samples were field filtered with a 0.45-micron filter at the time of collection and filtered again prior to analysis for dissolved constituents.

Samples for column test studies were collected in March 2021.

1. Calculated as: (nitrogen, nitrate + nitrite) - (nitrogen, nitrite)

--: not applicable

µg/L: micrograms per liter

$CaCO_3$: calcium carbonate

J: indicates the result is an estimated value

mg/L: milligrams per liter

N: nitrogen

U: indicates a non-detect at the method detection limit

Table 6
Site Aquifer Solids (Soil) and Groundwater Used in Column Tests

Column Number	Soil ID[1]	Groundwater ID	Constituents in Groundwater
1	MW-23D 18-20	GWC-15	Arsenic and molybdenum
2	MW-23D 46-48		
3	MW-24D 22-24		
4	MW-24D 58-60		
5	MW-25D 20-22		
6	MW-25D 62-64		
7	MW-27D 20-22		
8	MW-27D 66-68		

Note:

1. In the column studies, impacted groundwater is pumped through Site soil packed in columns, and the concentration of arsenic and molybdenum is measured in effluents taken from the columns at regular intervals. If the soil is attenuating arsenic and molybdenum, then arsenic and molybdenum concentrations will decrease in the effluents until the soil's capacity for attenuation is reached. These sample depths were selected to provide information on arsenic and molybdenum attenuation capacity of soil, both within the shallow (impacted) and deeper groundwater zones. Because Units 1 and 3 are hydraulically connected in these areas, Unit 3 soils are available for attenuation.

Table 7
Column Test Operating Conditions

Parameter	Value	Unit
Soil/sand mixture depth	15	cm
Column inside diameter	4.2	cm
Flow rate	0.50	mL per minute
Empty bed contact time[1]	6.92	hours
Porosity	25–33	%
Dry mass of soil in column	247.5–338.9	grams
Hydraulic residence time[2]	1.74–2.31	hours
Linear velocity[3]	1.7	feet per day
Darcy flux[4]	0.43–0.56	feet per day
Column test duration	25	days

Notes:

1. Volume of empty column bed (V) divided by flow rate (Q)
2. Pore volume (volume of empty column bed (V) × porosity (ø)) divided by flow rate (Q)
3. Flow rate (Q) divided by cross-sectional area of a column (A)
4. Linear velocity multiplied by porosity (ø)

cm: centimeter

mL: milliliter

Table 8

Arsenic and Molybdenum Removal by Aeration with Iron Addition

Groundwater	Aeration Method	Iron Addition[1]	Arsenic Removal (%)	Molybdenum Removal (%)
GWC-15	Bubbler	100x	**97.1**	--
		1000x	**98.3**	**99.9**
	Diffusion	100x	**97.7**	--
		1000x	**98.8**	**99.9**
GWC-20	Bubbler	100x	**95.9**	--
		1000x	**98.9**	**99.8**
	Diffusion	100x	**96.3**	--
		1000x	**99.7**	**99.7**

Notes:

Bold indicates the concentration is less than the groundwater protection standards: 29 µg/L arsenic or 10 µg/L molybdenum.

1. Iron addition is calculated from the initial molar arsenic concentration.

--: indicates an increase in concentration

µg/L: micrograms per liter

Table 9
Arsenic and Molybdenum Removal by Chemical Oxidation

Treatment	Dose[1]	Iron Addition[2]	GWC-15		GWC-20	
			Arsenic Removal (%)	Molybdenum Removal (%)	Arsenic Removal (%)	Molybdenum Removal (%)
Peroxide	0.5	10x	**91.3**	--	**95.5**	5.5
	1		**92.3**	--	**91.1**	5.5
	5		**88.2**	--	**88.8**	3.8
	0.5	100x	**99.5**	--	**99.3**	6.4
	1		**99.6**	--	**99.4**	6.5
	5		**99.5**	--	**99.4**	6.6
Permanganate	0.5	None	**98.7**	***99.1***	**98.9**	***99.9***
	1		**99.1**	***99.1***	**98.9**	***99.9***
	5		**99.1**	***99.1***	**98.9**	***99.9***
Persulfate	0.5	None	5	--	5.1	7.6
	1		11.2	--	2.5	--
	5		17.5	--	19.7	--
	0.5	10x	77.4	--	**86.6**	--
	1		83.7	--	**88.6**	0.5
	5		**91.7**	--	**88.7**	--
	0.5	100x	**97.4**	***16.8***	**99.2**	30.5
	1		**98.4**	***16.8***	**99.0**	30.4
	5		**99.1**	***18.5***	**99.2**	29.1

Notes:

Bold indicates the concentration is less than the groundwater protection standards: 29 µg/L arsenic or 10 µg/L molybdenum.

Bold Italics indicates the concentration is less than the rule-specified level: 100 µg/L molybdenum.

1. Oxidant was added at 0.5, 1, or 5 times the stoichiometric dose calculated from the total reduced species in groundwater.

2. Iron addition is calculated from the initial molar arsenic concentration.

--: indicates an increase in concentration

µg/L: micrograms per liter

Table 10
Arsenic and Molybdenum Removal by Biogenic Sulfate Reduction

Groundwater	Iron Addition[1]	Arsenic Removal (%)	Molybdenum Removal (%)
GWC-15	None	**98.8**	--
	100x	44.9	***33.7***
	1000x	42.6	***26.2***
GWC-20	None	**99.3**	--
	100x	40.1	54.2
	1000x	42	55.7

Notes:

Bold indicates the concentration is less than the groundwater protection standards: 29 µg/L arsenic or 10 µg/L molybdenum.

Bold italics indicates the concentration is less than the rule-specified level: 100 µg/L molybdenum.

1. Iron addition is calculated from the initial molar arsenic concentration.

--: indicates an increase in concentration

µg/L: micrograms per liter

Table 11
Bulk Chemistry of Well Solids Samples by XRF

Well ID	Arsenic	Molybdenum	Iron	Manganese	Aluminum	Calcium	Magnesium	Potassium	Silicon	Sulfur	Barium
GWA-7	--	--	2,421	169	23,532	1,484	--	958	342,963	1,429	13
GWA-8	--	--	2,272	116	18,428	222	--	364	338,542	851	13
GWB-4R	--	7	2,516	170	22,250	1,299	--	684	343,532	801	13
GWB-5R	--	--	3,430	165	31,998	1,232	3,651	630	331,626	1,812	14
GWB-6R	8	7	6,177	183	43,815	2,174	2,030	1,371	290,673	4,605	13
GWC-1	6	--	10,867	262	20,984	2,066	3,330	3,087	528,698	692	12
GWC-11	--	7	1,682	148	22,416	509	--	1,866	347,584	733	13
GWC-12	--	--	20,482	61	42,005	1,046	2,158	608	263,879	4,256	12
GWC-13	--	--	1,798	135	8,994	209	--	446	386,207	99	12
GWC-14	11	185	45,347	161	17,121	1,391	1,772	825	253,297	3,500	14
GWC-15	16	--	1,363	107	19,998	984	--	334	347,690	111	12
GWC-16	18	4	2,369	107	61,759	828	2,171	593	272,395	1,589	12
GWC-17	11	12	20,367	56	78,314	1,265	--	913	143,653	14,487	11
GWC-2	--	--	1,998	30	19,156	817	--	895	348,605	623	11
GWC-20	61	29	4,580	28	43,410	2,305	3,011	633	326,573	2,240	15
GWC-21	--	4	2,071	83	36,239	595	--	683	290,466	872	11
GWC-22	51	7	67,940	103	39,625	1,250	3,309	1,497	208,839	3,507	13
GWC-9	--	3	2,296	91	21,195	668	--	578	341,652	1,778	12

Notes:

Direct analysis of lithium is not possible with portable XRF due to X-ray physics limitations.

Units are in milligrams per kilogram.

--: not detected

XRF: X-ray fluorescence

Table 12
Minerals Identified in Well Solids (Precipitates) Samples by XRD

Well ID	Quartz	Feldspars[1]	Muscovite/Illite	Clay Minerals[2]	Oxides[3]	Cordierite
GWA-4R	XXXX	XXX	X	--	X	X
GWA-7	XXXX	XXX	X	X	X	--
GWA-8	XXXX	XXX	XXX	--	X	--
GWB-5R	XXXX	XXX	XX	--	X	--
GWB-6R	XXXX	XXX	XXX	--	X	--
GWC-2	XXXX	XXX	X	--	--	--
GWC-14	XXX	XXX	XX	XXX	XX	--
GWC-15	XXXX	XXX	XX	XX	--	--
GWC-16	XXXX	XX	XX	--	X	--
GWC-17	XXX	XXX	XXX	XXX	--	--
GWC-21	XXXX	XX	X	X	--	--
GWC-22	XXXX	XX	XX	XX	--	--

Notes:

Xs represent the estimated relative concentration (weight percent) reported, where available.

1. The primary feldspar detected was K-feldpar, with anorthoclase detected in GWA-7 and GWC-15.

2. The primary clay mineral detected was kaolinite, with bentonite also detetcted in GWC-17.

3. Oxide minerals include birnessite and lepidocrocite.

--: not detected

X: <1%

XX: 1% to 10%

XXX: 10% to 50%

XXXX: >50%

XRD: X-ray diffraction

Table 13
Aquifer Solids (Soil) and Well Solids SSE Results

Sample ID	Sample Type	Boring Location	Depth Interval (ft bgs)	Arsenic (mg/kg)					Iron (mg/kg)					Molybdenum (mg/kg)				
				F1	F2	F3	F4	F5	F1	F2	F3	F4	F5	F1	F2	F3	F4	F5
MW-23D 18-20	Aquifer solids (soil)	MW-23D	18–20	2.4 U	2.4 U	0.24 U	0.409 U	0.267 U	120 U	**624**	**122**	**633**	**1440**	2.4 U	**6.99**	0.24 U	**1.46**	**0.87**
MW-23D 46-48	Aquifer solids (soil)	MW-23D	46–48	2.43 U	2.43 U	0.243 U	**0.571 J**	0.269 U	121 U	**379**	**127**	**1270**	**420**	2.43 U	**3.51 J**	0.243 U	**0.697 J**	0.269 U
MW-24D 22-24	Aquifer solids (soil)	MW-24D	22–24	2.5 U	2.5 U	0.25 U	0.425 U	0.27 U	125 U	**139 J**	**37**	**91.8**	**279**	2.5 U	**3.66 J**	0.25 U	**0.477 J**	0.27 U
MW-24D 58-60	Aquifer solids (soil)	MW-24D	58–60	2.4 U	2.4 U	0.24 U	**2.04**	**0.349 J**	120 U	**406**	**309**	**4770**	**330**	2.4 U	**2.91 J**	0.24 U	**1.72**	**0.375 J**
MW-25D 20-22	Aquifer solids (soil)	MW-25D	20–22	2.58 U	2.58 U	0.258 U	0.438 U	0.265 U	129 U	129 U	**35.9**	**67.6**	**1210**	**3.25 J**	**4.74 J**	0.258 U	**0.465 J**	**1.34**
MW-25D 62-64	Aquifer solids (soil)	MW-25D	62–64	2.43 U	2.43 U	0.243 U	**1.25**	**0.69**	121 U	**292**	**324**	**2940**	**978**	2.43 U	**3.62 J**	0.243 U	**1.59**	**0.45 J**
MW-27D 20-22	Aquifer solids (soil)	MW-27D	20–22	2.53 U	2.53 U	0.253 U	0.429 U	**0.362 J**	126 U	126 U	**31.4**	**123**	**2970**	2.53 U	**5.14**	0.253 U	**0.996**	**1.03**
MW-27D 66-68	Aquifer solids (soil)	MW-27D	66–68	2.48 U	2.48 U	0.248 U	**1.96**	**0.936**	124 U	**446**	**337**	**3520**	**1220**	2.48 U	**3.98 J**	0.248 U	**2.51**	**0.894**
MW-27D 20-22[a]	Aquifer solids (soil)	MW-27D	20–22	2.55 U	2.55 U	0.255 U	0.434 U	0.26 U	128 U	128 U	**30.2**	**115**	**1160**	2.55 U	**5.6**	0.255 U	**0.989**	**0.62**
GWC-14	Well solids	NA	NA	2.48 U	**10.3**	**0.333 J**	**10.5**	0.262 U	124 U	**734**	**1280**	**38900**	**300**	2.48 U	**48.9**	**1.05**	**97.6**	**3.02**
GWC-15	Well solids	NA	NA	2.43 U	**43.9**	**0.663**	**0.625 J**	0.249 U	121 U	121 U	**22.1 J**	**91.6**	**122**	2.43 U	**3.49 J**	0.243 U	**0.516 J**	0.249 U
GWC-16	Well solids	NA	NA	2.4 U	**46.1**	**1.13**	2.04 U	**0.536**	120 U	120 U	**31.7**	102 U	**548**	**3.65 J**	**17.5**	0.24 U	2.04 U	**1.22**
GWC-17	Well solids	NA	NA	2.45 U	**16.2**	**0.266 J**	**3.95 J**	**0.492 J**	123 U	**1080**	**36.5**	**5740**	**1390**	2.45 U	**15.4**	0.245 U	**6.08**	**0.927**
GWC-20	Well solids	NA	NA	**5.68**	**119**	**1.81**	**6.69**	**3.63**	125 U	125 U	**52.1**	**133 J**	**1490**	**26.2**	**9.62**	0.25 U	**10.7**	**5.07**
GWC-22	Well solids	NA	NA	2.45 U	**72.2**	4.9 U	**8.83**	**4.62**	**217 J**	**6020**	**--**	**37000**	**9010**	2.45 U	**13.4**	4.9 U	**2.43 J**	**1.64**

Notes:
a. Duplicate
F1: soluble
F2: exchangeable
F3: reducible (iron/manganese oxide bound)
F4: oxidizable (sulfide/organic/crystalline oxide bound)
F5: residual
NA: not applicable
ft bgs: feet below ground surface
J: indicates the result is an estimated value
mg/kg: milligrams per kilogram
SSE: selective sequential extraction
U: indicates a non-detect at the method detection limit

Table 14
Bulk Chemistry of Aquifer Solids (Soil) Samples by XRF

Sample ID	Depth Interval (ft bgs)	Units	Arsenic	Molybdenum	Iron	Aluminum	Barium	Calcium	Magnesium	Manganese	Potassium	Silicon
MW-23D	18–20	ppm	--	5	4,541	49,073	405	1,969	2,058	147	1,056	295,103
MW-23D	46–48	ppm	3	--	3,053	21,046	316	563	--	134	867	371,514
MW-24D	22–24	ppm	--	--	1,579	38,570	330	442	--	112	648	334,492
MW-24D	58–60	ppm	4	--	6,659	54,022	499	4,246	2,334	251	724	293,633
MW-25D	20–22	ppm	--	5	4,161	65,417	301	998	2,505	124	665	256,220
MW-25D	62–64	ppm	3	4	11,002	38,224	519	13,576	4,634	314	4,762	312,110
MW-27D	20–22	ppm	--	4	5,576	64,453	390	732	2,224	143	2,230	246,105
MW-27D	66–68	ppm	--	4	11,027	47,230	533	8,003	--	253	1,156	298,391

Notes:

Samples were analyzed on June 17, 2021.

--: not analyzed

ft bgs: feet below ground surface

ppm: parts per million

XRF: X-ray fluorescence

Table 15
Minerals Identified in Aquifer Solids (Soil) Samples by XRD

Well ID	Quartz	Feldspars[1]	Muscovite/Illite	Clay Minerals[2]	Oxides[3]	Dolomite	Pyrite
MW-23D 18-20	XXXX	XXX	XX	X	X	--	--
MW-23D 46-48	XXXX	XXX	XX	X	--	--	--
MW-24D 22-24	XXXX	XXX	XX	XX	--	X	--
MW-24D 58-60	XXX	XXX	XX	XXX	--	--	XX
MW-25D 20-22	XXX	XXX	XXX	XXX	--	--	--
MW-25D 22-24	XXX	XXX	--	XXX	--	--	--
MW-25D 62-64	XXXX	XXX	X	--	--	--	--
MW-27D 20-22	XXX	XXX	XXX	XXX	--	--	--
MW-27D 66-68	XXX	XXX	XXX	XX	--	--	--

Notes:

The Xs shown on this table represent the estimated relative concentration (weight %) reported where available.

1. The primary feldspar detected was K-feldspar, with albite also detected in MW-24D, MW-25D, and MW-27D, and anorthoclase, also detected in MW-25D and MW-27D.

2. The primary clay mineral detected was kaolinite, with bentonite also detected in MR-25D and montmorillonite also detected in MW-23D and MW-24D.

3. Oxide minerals include birnessite and lepidocrocite.

--: not detected

X: <1%

XX: 1% to 10%

XXX: 10% to 50%

XXXX: >50%

XRD: X-ray diffraction

Table 16
Summary of Column Test Results

Column Number	Soil	Groundwater	Constituent	Results
1	MW-23D 18'-20'	GWC-15	As	Excess capacity for attenuation is available after 300 PV.
			Mo	Capacity for attenuation reached at approximately 30 PV.
2	MW-23D 46'-48'	GWC-15	As	Excess capacity for attenuation is available after 300 PV.
			Mo	Capacity for attenuation reached at approximately 50 PV.
3	MW-24D 22'-24'	GWC-15	As	Excess capacity for attenuation is available after 300 PV.
			Mo	No attenuation capacity
4	MW-24D 58'-60'	GWC-15	As	Excess capacity for attenuation is available after 300 PV.
			Mo	90% of capacity for attenuation reached at approximately 120 PV.
5	MW-25D 20'-22'	GWC-15	As	Excess capacity for attenuation is available after 300 PV.
			Mo	Capacity for attenuation reached within 10 PV.
6	MW-25D 62'-64'	GWC-15	As	Excess capacity for attenuation is available after 300 PV.
			Mo	Capacity for attenuation reached at approximately 50 PV.
7	MW-27D 20'-22'	GWC-15	As	Excess capacity for attenuation is available after 300 PV.
			Mo	Capacity for attenuation reached within 10 PV.
8	MW-27D 66'-68'	GWC-15	As	Excess capacity for attenuation is available after 300 PV.
			Mo	90% of the capacity for attenuation reached at approximately 120 PV.

Notes:

As: arsenic

Mo: molybdenum

PV: pore volume

Site: Grumman Road Private Industrial Landfill

Table 17
Saturation Indices for Groundwater Samples

Sample ID	$Fe(OH)_3(a)$	Goethite	Hematite	Magnetite	Siderite	$Ba_3(AsO_4)_2$	$BaMoO_4$	$CaMoO_4$	$FeMoO_4$
GWC-11	**0.43**	**6.25**	**14.5**	**11.9**	-3.08	--	--	--	--
GWC-13	-2.14	**3.59**	**9.2**	**5.2**	--	--	--	--	--
GWC-2	-3.00	**2.76**	**7.5**	**3.9**	--	--	--	--	--
GWC-14	-1.43	**4.25**	**10.5**	**8.3**	-2.27	--	-7.13	-2.62	-2.53
GWA-8	-4.13	**1.55**	**5.1**	**2.0**	--	-5.52	--	--	--
GWA-7	-2.79	**2.90**	**7.8**	**5.7**	-1.17	--	--	--	--
GWB-6R	-2.64	**3.06**	**8.1**	**6.9**	-0.86	-1.20	-8.54	-2.93	-2.71
GWB-5R	-4.42	**1.32**	**4.62**	**2.73**	--	-7.82	--	--	--
GWB-4R	-2.47	**3.25**	**8.48**	**7.47**	-0.98	**0.09**	-5.67	-1.23	-0.26
GWC-1	-2.35	**3.39**	**8.77**	**5.69**	-2.57	-0.14	-6.09	-1.47	-2.34
GWC-20	-1.95	**3.79**	**9.6**	**7.8**	-1.66	**6.40**	-4.69	-0.20	-1.06
GWC-21	-1.43	**4.36**	**10.7**	**8.2**	-2.80	**2.93**	-6.09	-1.77	-2.85
GWC-16	-1.02	**4.77**	**11.5**	**9.3**	-2.46	**3.41**	-5.33	-0.62	-1.53
GWC-15	-0.28	**5.41**	**12.79**	**11.18**	-1.54	**5.53**	-5.94	-1.02	-2.16

Notes:

Bold indicates positive SI values (i.e., groundwater supersaturated with respect to mineral phase).

SIs are for groundwater samples collected in March 2021.

--: No SI calculated because one or more constituent(s) in phase was not detected in the groundwater sample.

$Ba_3(AsO_4)_2$: barium arsenate

$BaMoO_4$: barium molybdate

$CaMoO_4$: calcium molybdate

$FeMoO_4$: iron molybdate

$Fe(OH)_3(a)$: hydrous iron oxide

SI: saturation index

Table 18
Proposed ACM Supplementary Data Collection and Analysis Tasks

Task/Data Collection Event	Applicable CM	Applicability/Rationale	Field Component	Parameters of Interest	Analytical Laboratory Performing Analysis
Continue routine groundwater sampling.	1, 2, 3, and 4	Analyze and evaluate trends for effectiveness of source control and plume stability.	Semiannual routine groundwater sampling	Arsenic and molybdenum	Laboratory analysis performed by Pace Analytical Services, LLC.
Determine if area of impacts is stable or shrinking.	2	First requirement (phase) for MNA: MNA may not be met until leachate from the Clifton Rental Company, Inc., Landfill (closed) is controlled.	No additional field component; work with groundwater monitoring data as it becomes available.	Prepare concentration versus time graphs for arsenic and molybdenum, apply statistics to graphs to demonstrate statistically significant decreases, compute rates of decrease, prepare isoconcentration maps, compute decrease in area through time, and apply Ricker Method.	Desktop analysis performed by Anchor QEA, LLC, using existing data.
Determine if the Unit 1 aquifer has sufficient capacity to attenuate the mass of arsenic and molybdenum in the existing plumes and determine time to achieve GWPSs.	2	Second requirement (phase) for MNA: determine the mechanisms and rates of the attenuation process	No additional field work	Arsenic and molybdenum	Desktop analysis performed by Anchor QEA using existing data. This includes computing the mass of arsenic and molybdenum in the plumes, computing attenuation capacity of the aquifer based on the column studies, and comparing the two results. Use projections from concentration versus time graphs and/or transport model to determine time to achieve GWPSs.
Continue treatability studies.	1 and 2	Site geochemical data indicate that reductive dissolution of iron is mobilizing arsenic and molybdenum. Introduction of oxygen into the system is expected to mitigate release of arsenic and molybdenum. Based on previous work, the addition of iron compounds to groundwater may also create solids that remove arsenic and molybdenum from groundwater.	No additional field component; use samples collected in spring 2021.	Arsenic, molybdenum, and iron: the precipitates that formed during aeration testing were recovered and analyzed by high-resolution SEM with elemental analysis to determine the morphology and composition of the precipitates. The solids evaluation analytical results are pending and will be completed in early 2022.	Laboratory analysis performed at Anchor QEA's Environmental Geochemistry Laboratory in Portland, Oregon.
Complete SEM and CEC analysis.	2	SEM allows direct visual observation and elemental analysis of attenuating phases; CEC determines if ion exchange on clays is a viable attenuating mechanism.	No additional field work	Arsenic and molybdenum	Laboratory analysis performed at RC Imaging in Portland, Oregon.
Evaluate hydraulic containment feasibility using TreeWells.	3	Determine number, placement, and pumping rate of trees to stabilize plume.	No additional field work	Arsenic and molybdenum	Desktop analysis performed by Anchor QEA.
Evaluate ISS feasibility.	4	Determine location, depth, volume, probable mixtures, and feasibility; develop treatability studies plan (if needed).	No additional field work	Arsenic and molybdenum	Desktop analysis performed by Anchor QEA.

Notes:
CM codes:
1. geochemical approaches (injections and in situ oxidation)
2. MNA
3. TreeWells
4. ISS
ACM: assessment of corrective measures
CEC: cation exchange capacity
CM: corrective measure
GWPS: groundwater protection standard
ISS: in situ solidification/stabilization
MNA: monitored natural attenuation
SEM: scanning electron microscopy

Figures

LEGEND:

Landfill Boundary

NOTE:
1. Aerial imagery is from Esri basemap service (source date: February 21, 2021).

0 1
Miles

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Figure 1
Site Location Map
Semiannual Remedy Selection and Design Progress Report
Grumman Road Private Industrial Landfill, Port Wentworth, Georgia

LEGEND:

- Site Parcel Boundary
- Parcel A' Final Cover Limits

NOTES:
1. Aerial imagery is from Esri basemap service (source date: February 21, 2021).
2. Parcel A' boundary taken from the Plant Kraft Grumman Road Landfill Final Cover Asbuilt (Brantley Engineering 2019).

REFERENCE:
Brantley Engineering, 2019. *Closure Construction Certification Report. Grumman Road Ash Landfill Parcel A' (Prime), Closure Final Cover Construction.* Georgia Power Company Grumman Road Landfill. Prepared for Southern Company Services Engineering and Construction Services. November 2019.

0 300
Feet

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Figure 2
Site Parcel Boundaries Map
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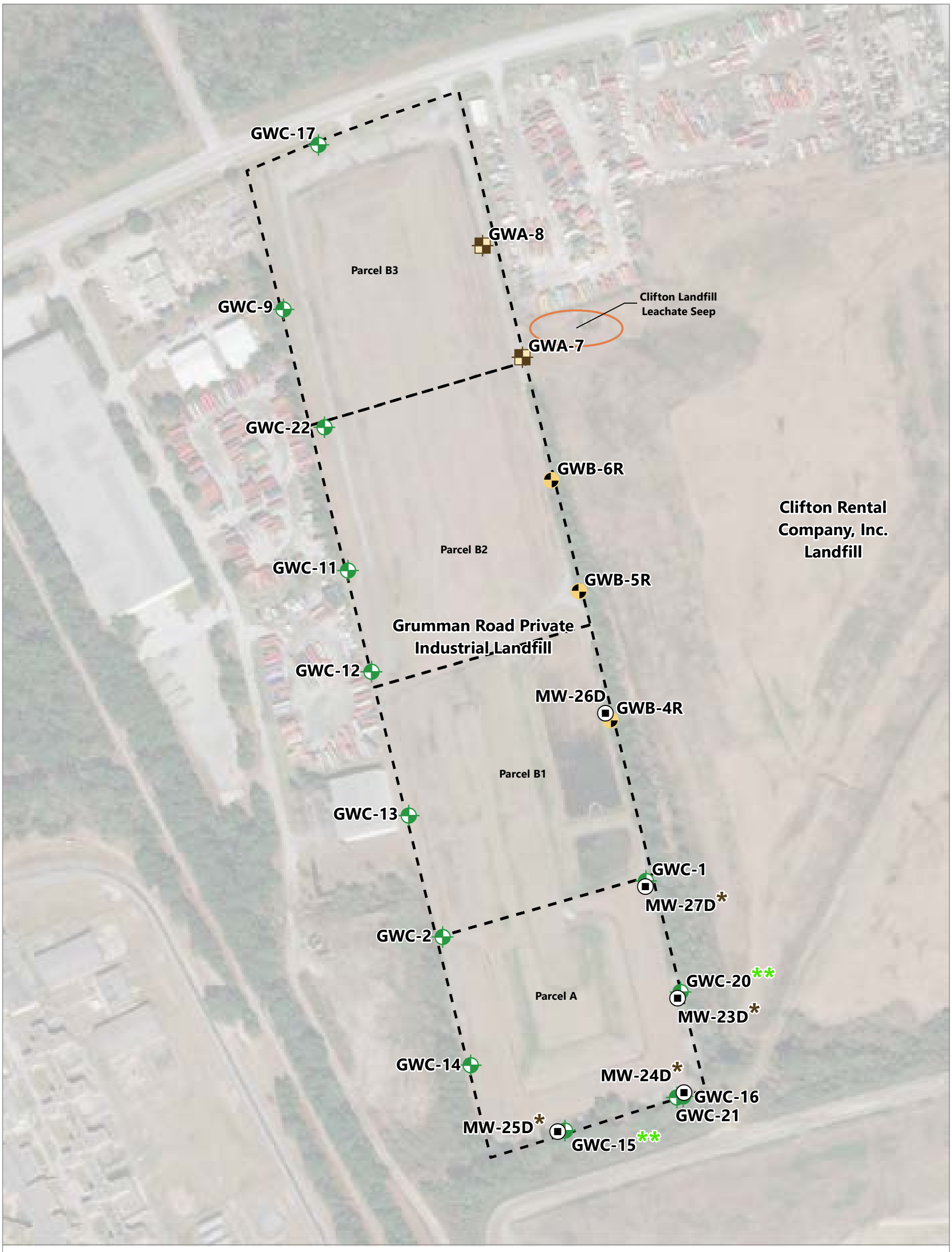
Grumman Road Private Industrial Landfill, Port Wentworth, Georgia



LEGEND:

Grumman Road Private Industrial Landfill

Monitoring Wells:

Downgradient

Sidegradient

Upgradient

Vertical Delineation

NOTES:

1. MW-23D, MW-24D, MW-25D, MW-26D, and MW-27D were installed between December 2020 and January 2021.
2. Aerial imagery is from Esri basemap service (source date: June 24, 2020).

* Aquifer solid (soil) sample location

** Groundwater sample location for treatability studies

0 300

Feet

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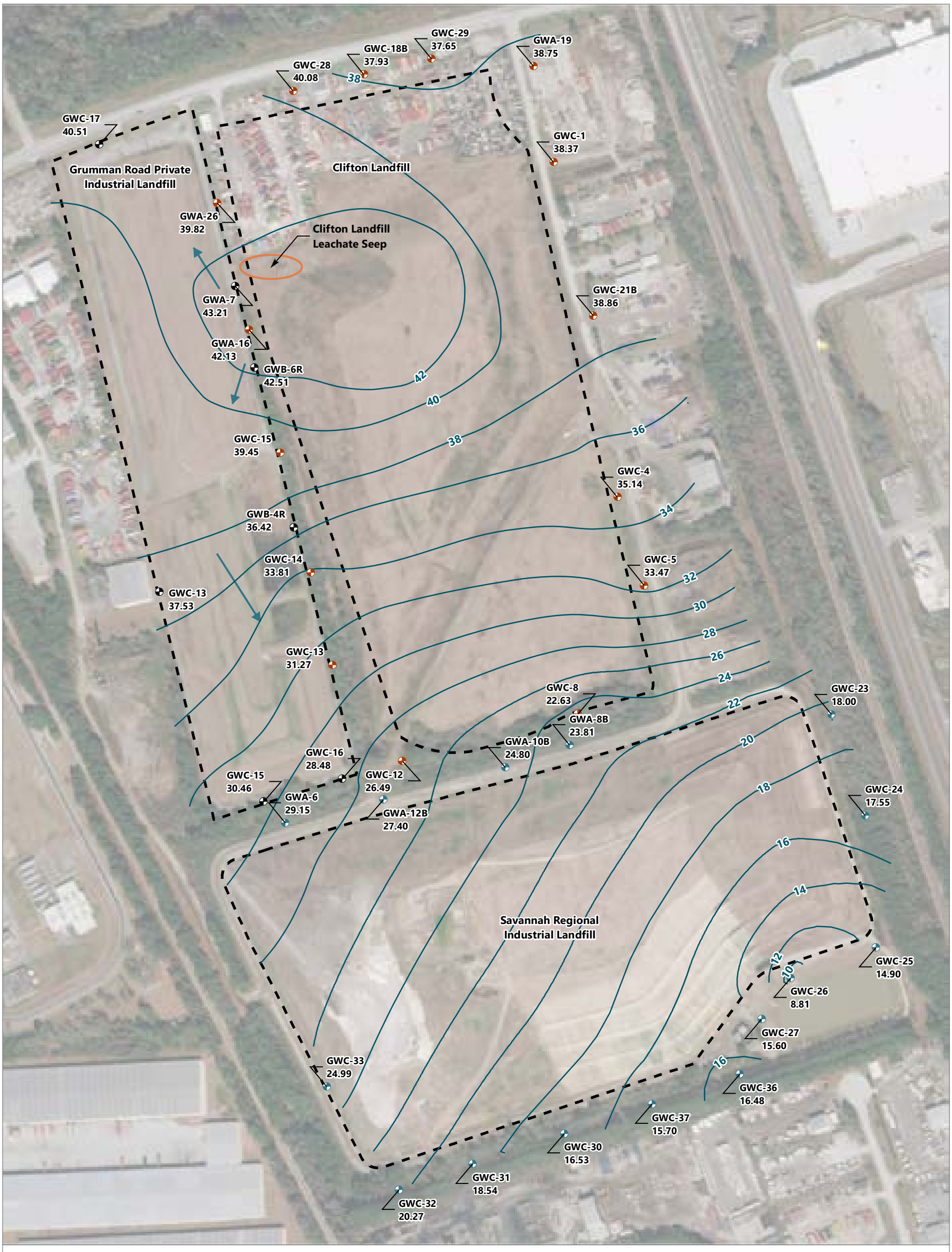
Figure 3

Monitoring Well Network Map

Semiannual Remedy Selection and Design Progress Report

Grumman Road Private Industrial Landfill, Port Wentworth, Georgia



LEGEND:

- Site Boundary
- Groundwater Contours, August 2021 (feet MSL)
- Estimated Groundwater Flow Direction

Monitoring Well Location

- Clifton Landfill
- Grumman Road Private Industrial Landfill
- Savannah Regional Industrial Landfill

NOTES:

1. Grumman Road Private Industrial Landfill groundwater elevations were converted from NAVD88 to MSL by adding 0.9 foot to the original values.
2. Monitoring well locations for Savannah Regional Industrial Landfill and Clifton Landfill are digitized from existing plan drawings and should be considered approximate.
3. Grumman Road Private Industrial Landfill groundwater elevations are from data collected on August 18, 2021, from transducers deployed in select site wells.
4. Clifton Landfill groundwater elevations are from the August 11 through 13, 2021, sampling event.
5. Savannah Regional Industrial Landfill groundwater elevations are from the August 23 through 25, 2021, sampling event.
6. Wells with similar screened interval elevations were used in the contouring.
7. Aerial imagery is from Esri online basemap service.

Clifton Landfill: Clifton Rental Company, Inc., Landfill
NAVD88: North American Vertical Datum of 1988
MSL: Mean Sea Level

0 400
Feet

2/24/22

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Figure 4
Multisite Potentiometric Surface Map: August 2021
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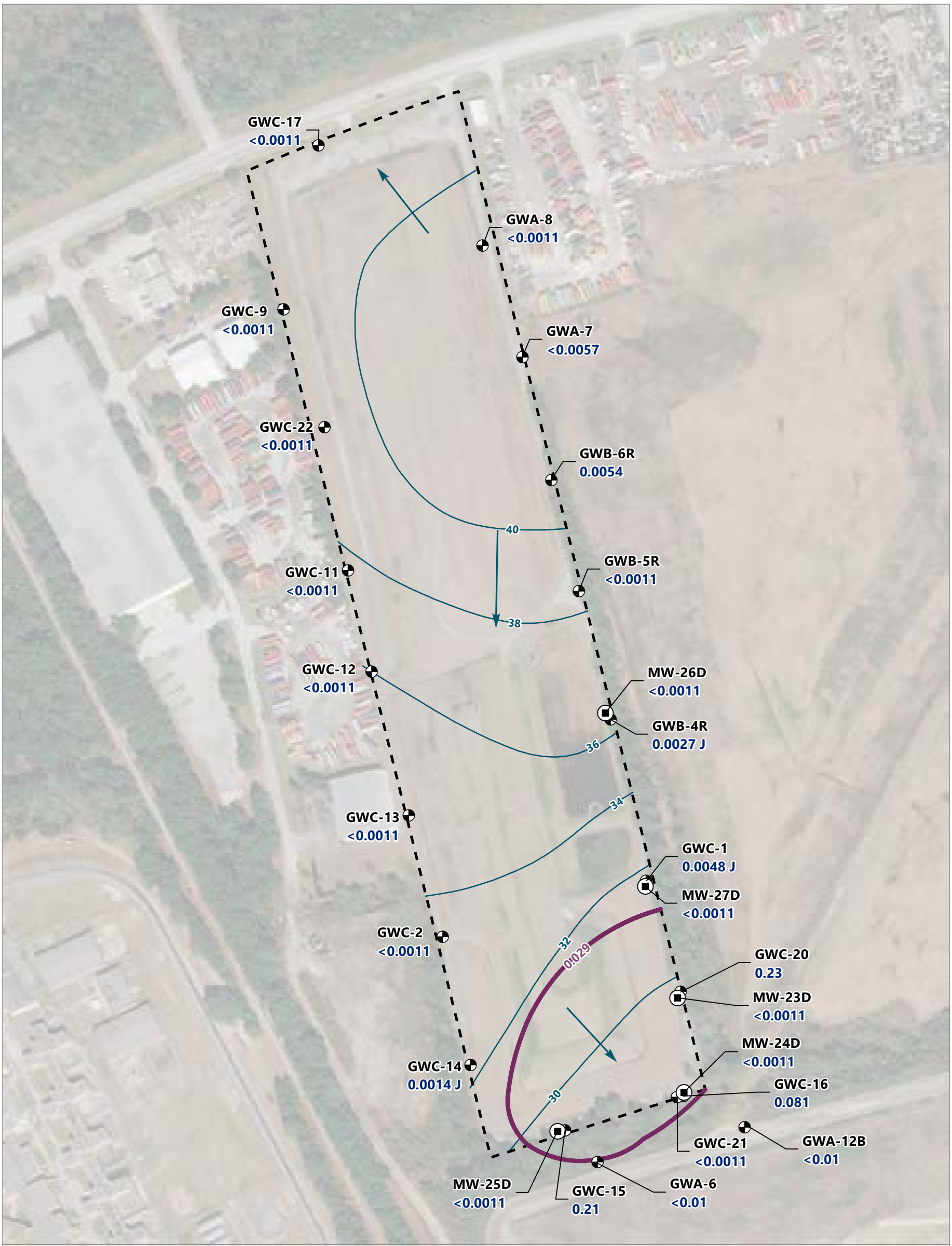
Grumman Road Private Industrial Landfill, Port Wentworth, Georgia



LEGEND:

- Site Boundary
- Monitoring Well
- Vertical Delineation Well
- Arsenic Isoconcentration Contour
- Groundwater Flow Direction
- Groundwater Contour (feet MSL)

NOTES:

1. Grumman Road Private Industrial Landfill arsenic data are from the September 2021 routine semiannual sampling event. Groundwater contours were provided by Atlantic Coast Consulting, Inc. *2021 Semiannual Groundwater Monitoring and Corrective Action Report.* Grumman Road Private Industrial Landfill. Prepared for Georgia Power Company. Febuary 2022.
2. Savannah Regional Industrial Landfill arsenic data (wells GWA-6 and GWA-12B) are from the August 2021 semiannual sampling event.
3. Concentrations are reported in mg/L.
4. Site background concentration for arsenic is 0.029 mg/L and is the site-specific groundwater protection standard.
5. The groundwater protection standard was calculated using data through the September 2021 sampling event.
6. Groundwater elevations are in feet MSL.
7. MW-23D, MW-24D, MW-25D, MW-26D, and MW-27D were not used to create the isocontour.
8. Aerial imagery is from Esri basemap service (source date: February 21, 2020).

<: Indicates the constituent was analyzed for but not detected above the method detection limit.
J: Reported value is an estimate because concentration is less than reporting limit and greater than the method detection limit.
mg/L: milligrams per liter
MSL: mean sea level

0 300
Feet

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Figure 5
Isoconcentration Map: Arsenic – September 2021
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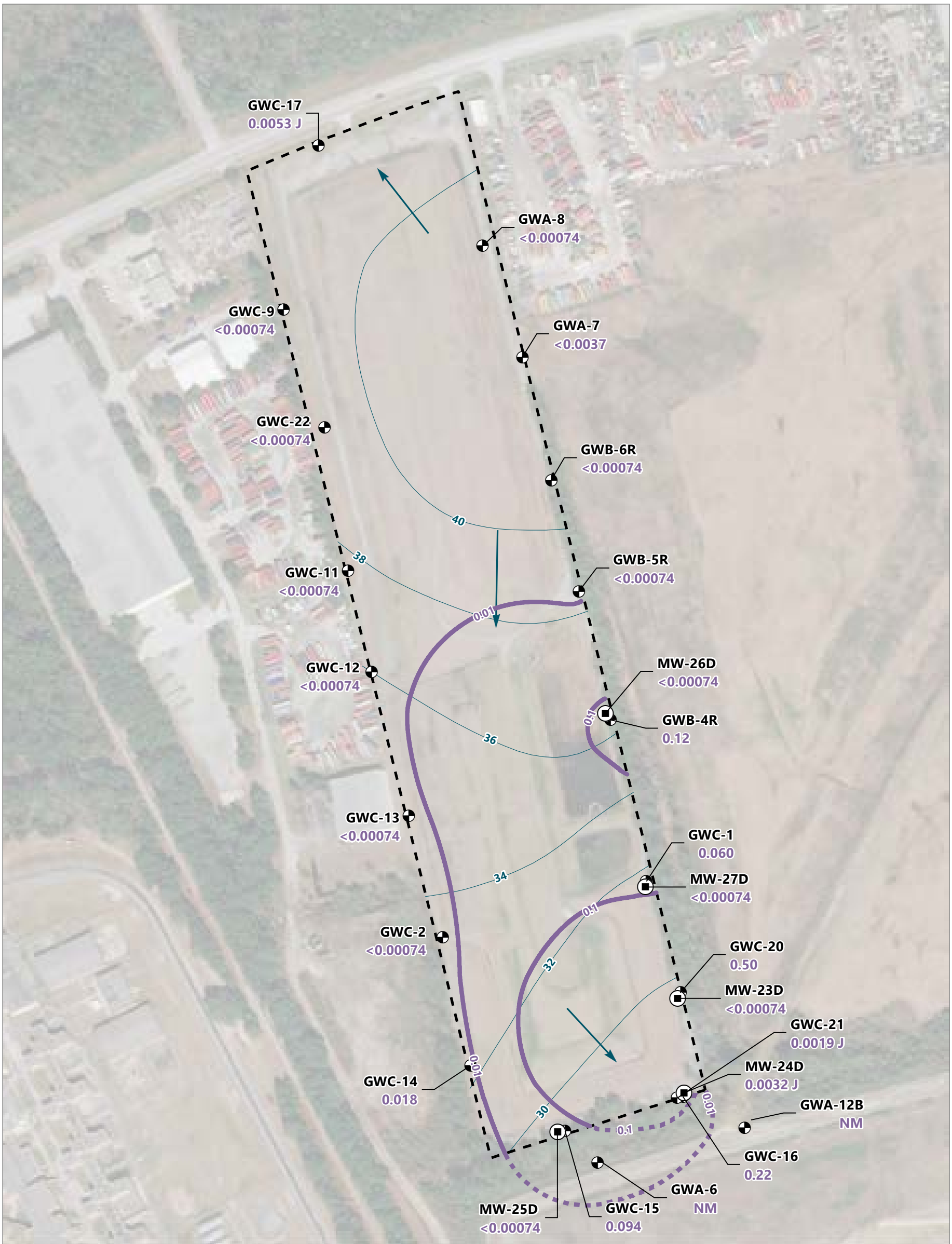
Grumman Road Private Industrial Landfill, Port Wentworth, Georgia



LEGEND:

- Site Boundary
- Monitoring Well
- Vertical Delineation Well
- Molybdenum Isoconcentration Contour
- Projected Molybdenum Isoconcentration Contour
- Groundwater Flow Direction
- Groundwater Contour (feet MSL)

NOTES:

1. Molybdenum and groundwater elevation data are from the September 2021 sampling event. Groundwater contours were provided by Atlantic Coast Consulting, Inc. *2021 Semiannual Groundwater Monitoring and Corrective Action Report.*
2. Concentrations are reported in mg/L.
3. RSL is 0.1 mg/L.
4. Site background for molybdenum is 0.01 mg/L and is the site-specific groundwater protection standard.
5. Dashed lines indicate projected molybdenum isoconcentration contours.
6. The groundwater protection standard was calculated using data through the September 2021 routine semiannual sampling event.
7. MW-23D, MW-24D, MW-25D, MW-26D, and MW-27D were not used to create the isocontour.
8. The contour lines are extended to the south based on the most recent available data from two nearby Savannah Regional Industrial Landfill wells, GWA-6 and GWA-12B (August 2020).
9. Aerial imagery is from Esri basemap service (source date: February 21, 2021).

<: Indicates the constituent was analyzed for but not detected above the method detection limit.
J: Reported value is an estimate because concentration is less than reporting limit and greater than the method detection limit.
mg/L: milligrams per liter
MSL: mean sea level
RSL: rule-specified level
NM: not measured

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0 300
Feet

Figure 6
Isoconcentration Map: Molybdenum – September 2021
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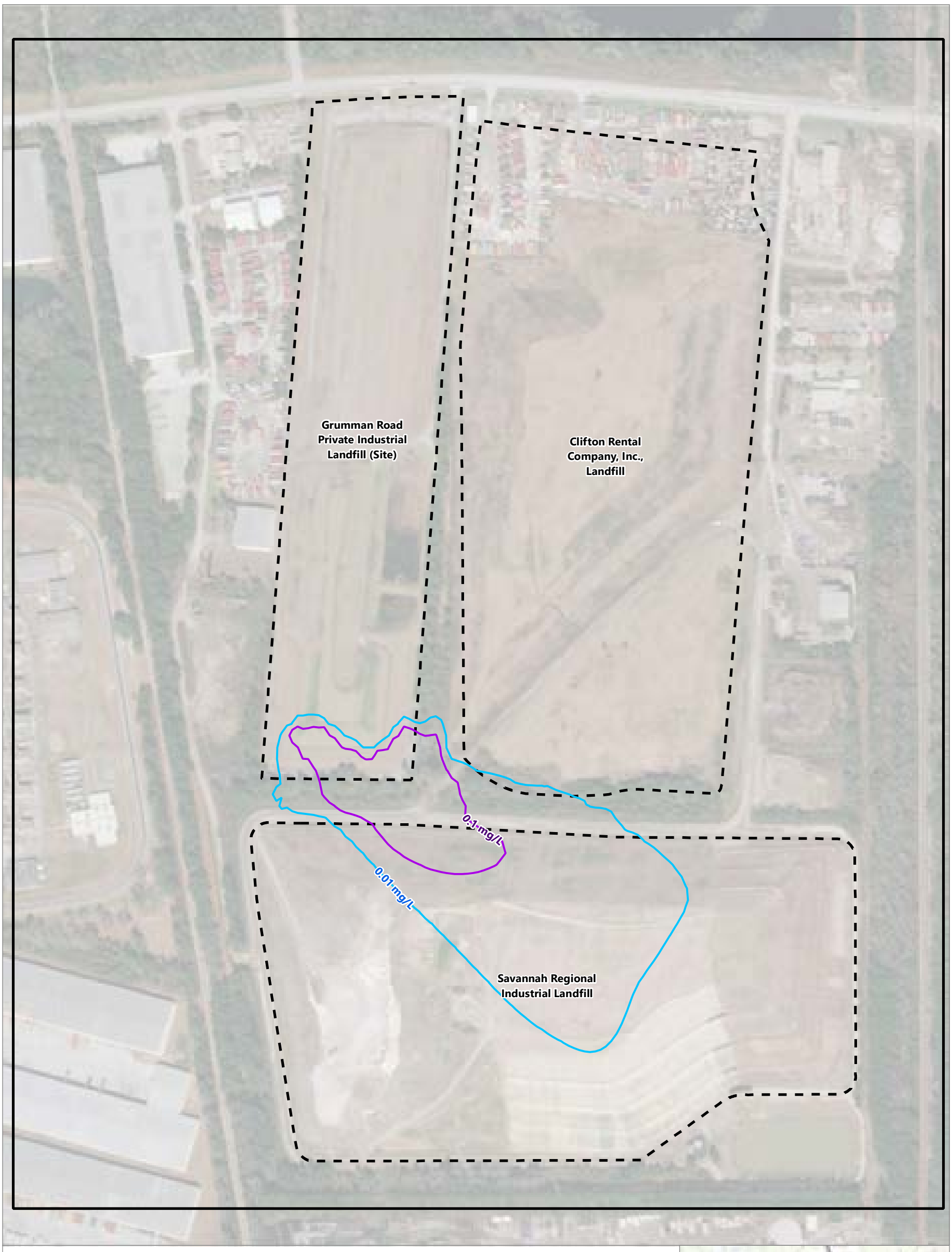
Grumman Road Private Industrial Landfill, Port Wentworth, Georgia



LEGEND:

- Model Domain
- Landfill Boundary

Simulated Molybdenum Concentration:

- Site GWPS (0.01 mg/L)
- Federal RSL (0.1 mg/L)

NOTES:

1. Aerial imagery is from Esri basemap service (source date: February 21, 2021).
2. Isoconcentrations represent dissolved-phase concentrations at the GWPS for the Site, assuming Clifton Landfill impacts beginning in 1980.
3. Molybdenum Site GWPS: 0.01 mg/L
4. Molybdenum federal RSL: 0.1 mg/L

GWPS: groundwater protection standard
mg/L: milligrams per liter
RSL: rule specified level
Site: Grumman Road Private Industrial Landfill

0 1,000
Feet

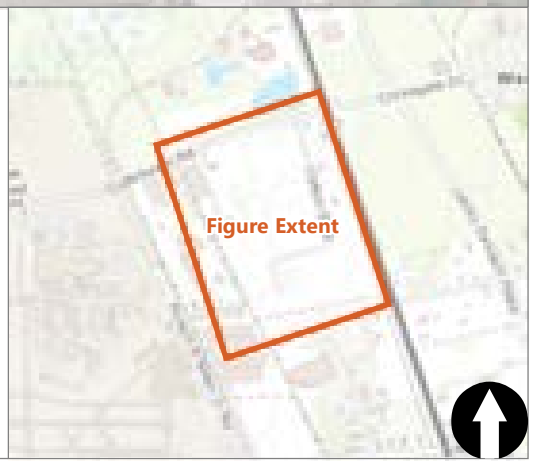


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Figure 7
Simulated Molybdenum Concentrations at the Site GWPS and Federal RSL in 2021

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Grumman Road Private Industrial Landfill, Port Wentworth, Georgia

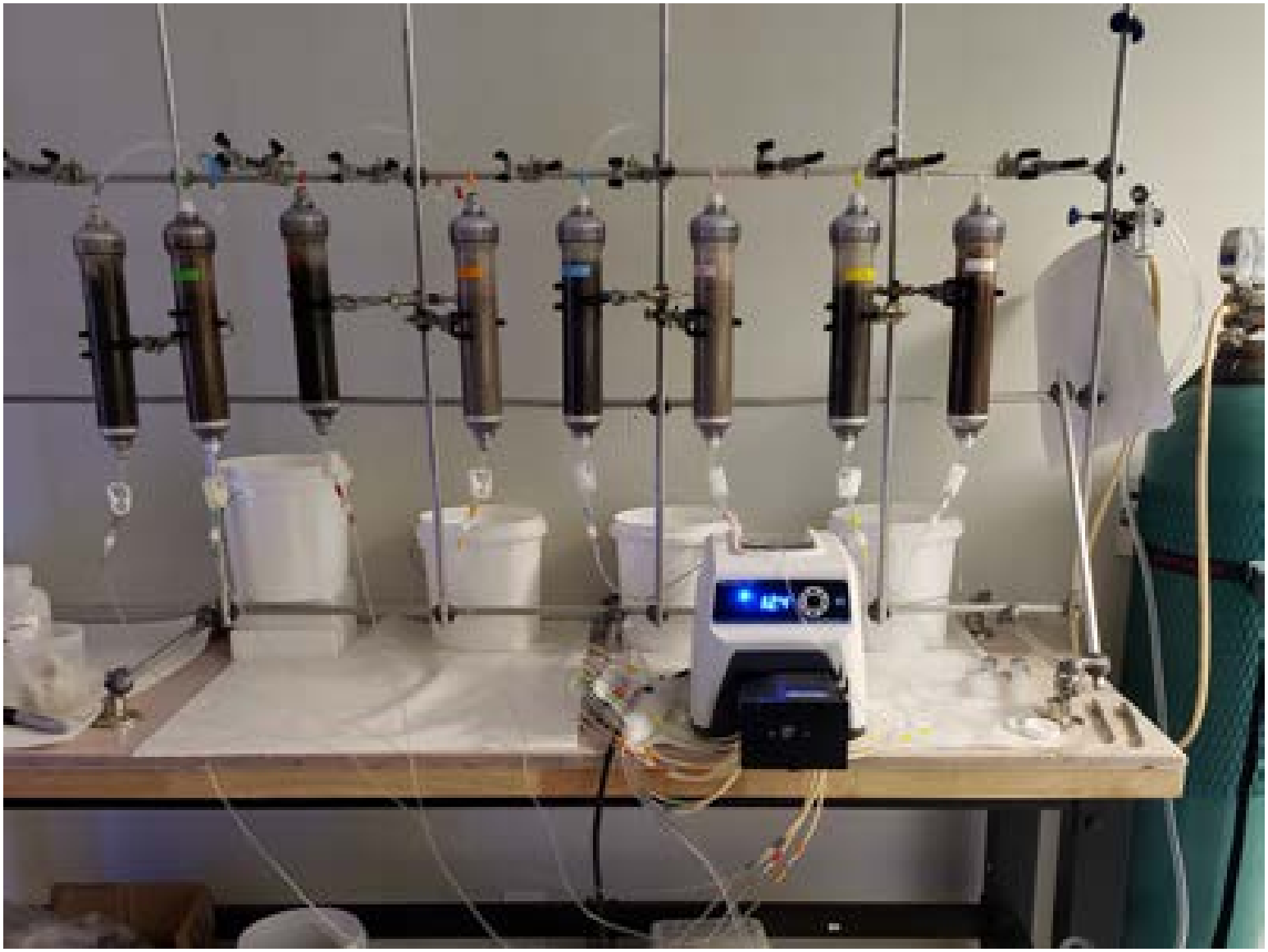

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Figure 8
Column Test Equipment Setup
Semiannual Remedy Selection and Design Progress Report
Grumman Road Private Industrial Landfill, Port Wentworth, Georgia

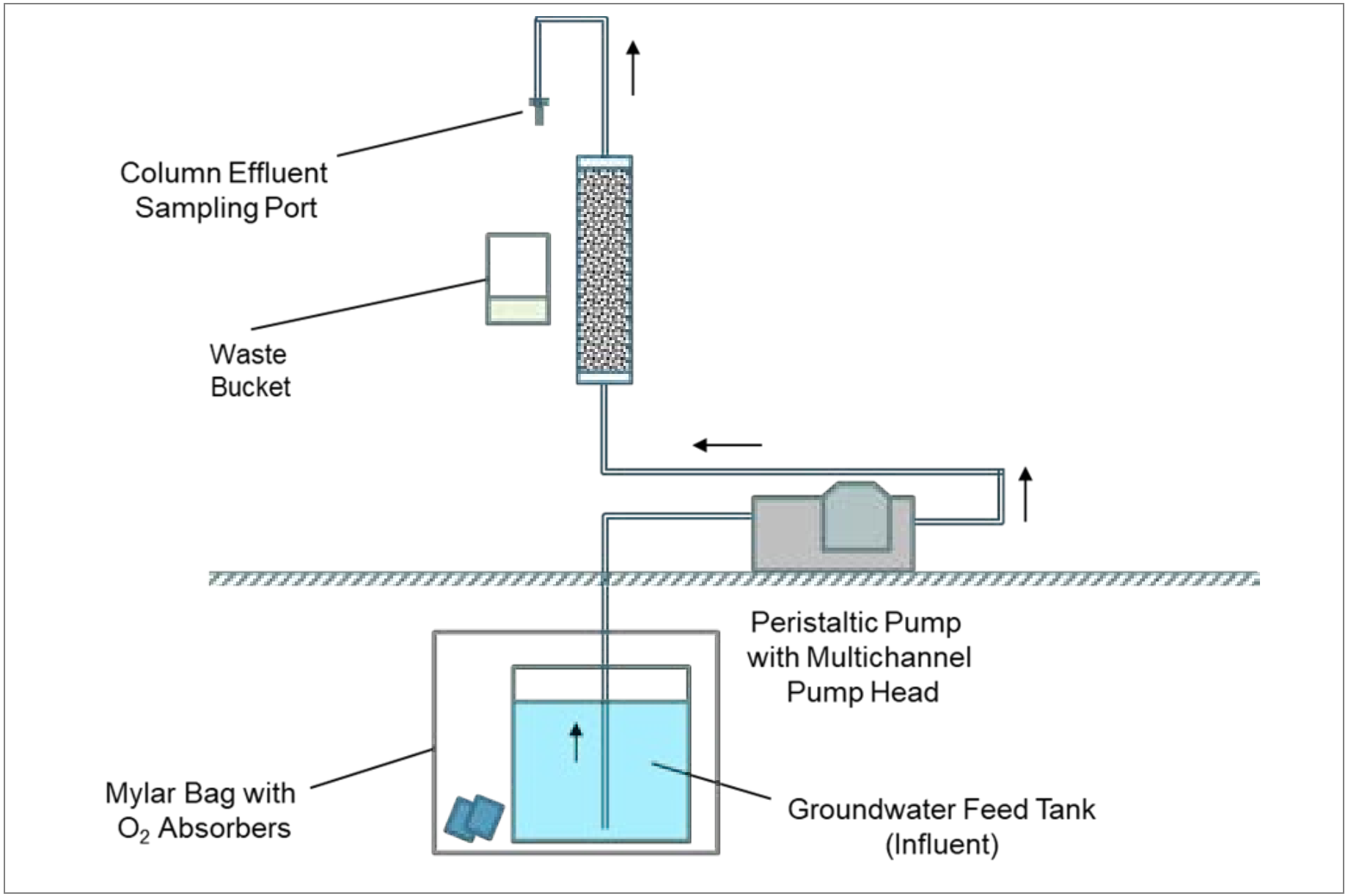

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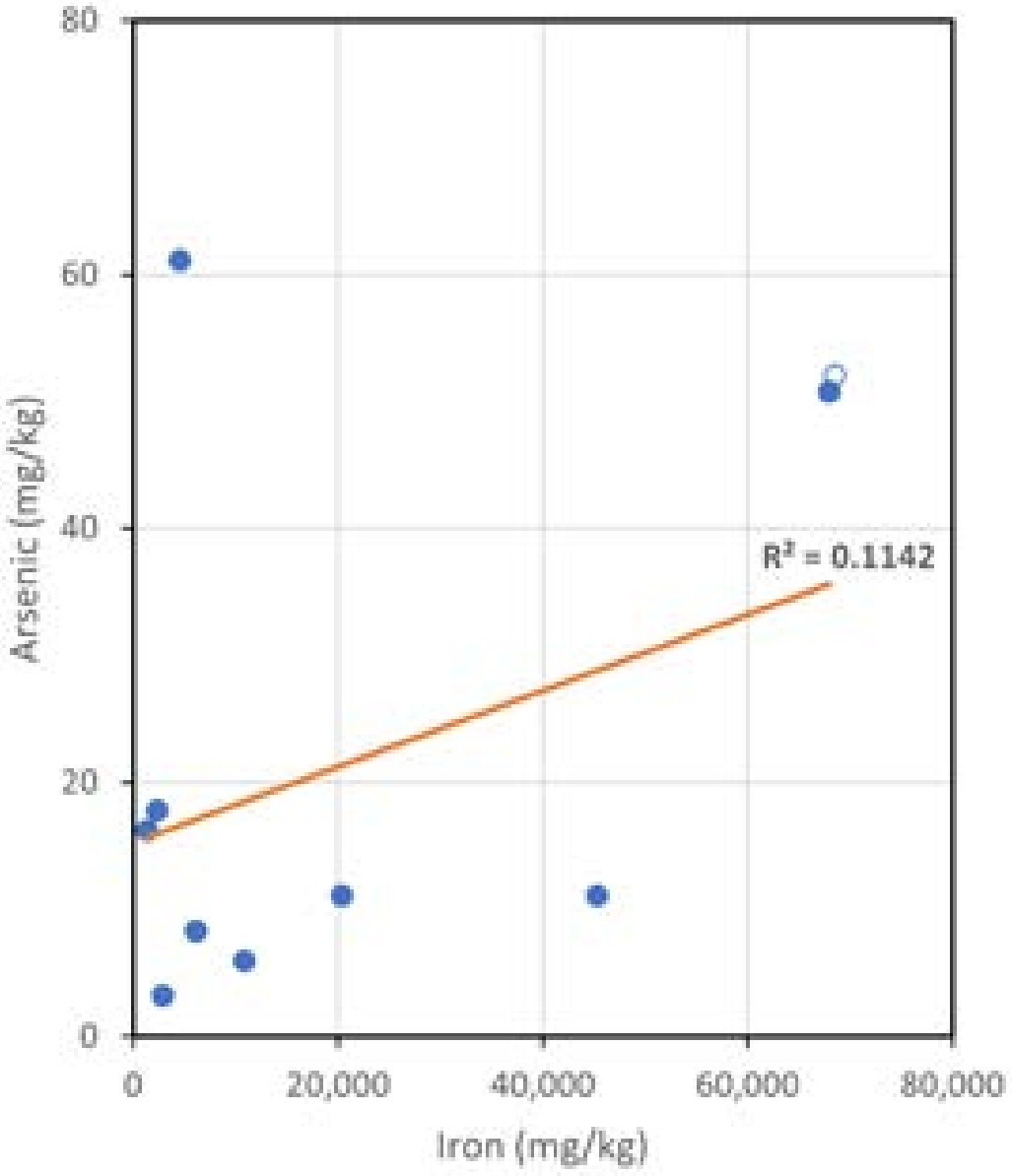
Figure 9
Schematic of Column Test Setup
Semiannual Remedy Selection and Design Progress Report
Grumman Road Private Industrial Landfill, Port Wentworth, Georgia



Notes:
Open circle indicates duplicate sample.
Removing the data point for GWC-2 (corresponding to 4,580 mg/kg iron and 61 mg/kg arsenic) would increase the R^2 to 0.559. This high-arsenic/low-iron point may represent attenuation by low-iron compounds, i.e., something other than iron oxides.
mg/kg: milligrams per kilogram

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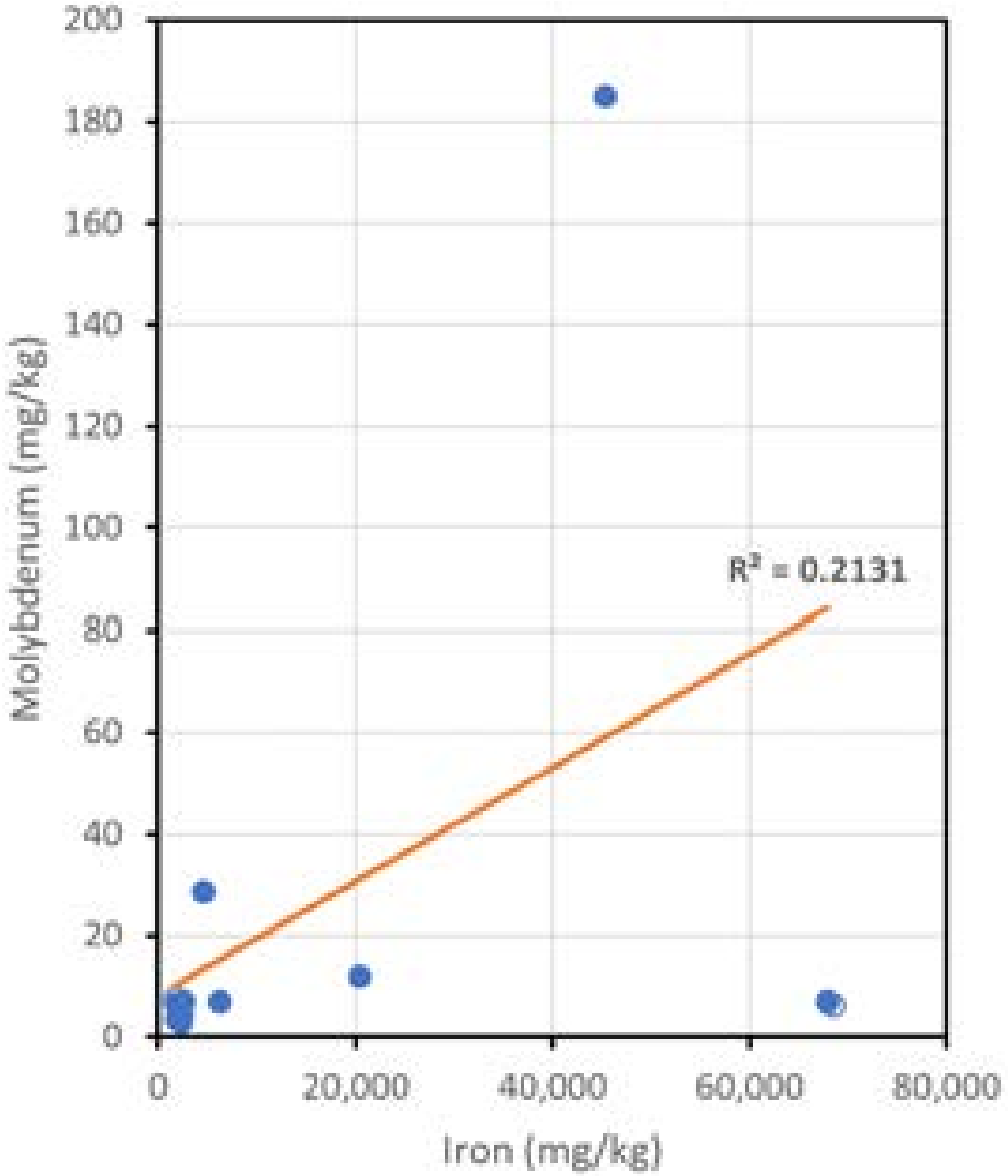
Figure 10
Bulk Chemistry Relationship Between Arsenic and Iron—Well Solids (Precipitates)
Semiannual Remedy Selection and Design Progress Report
Grumman Road Private Industrial Landfill, Port Wentworth, Georgia



Notes:
Open circles indicate duplicate samples.
mg/kg: milligrams per kilogram

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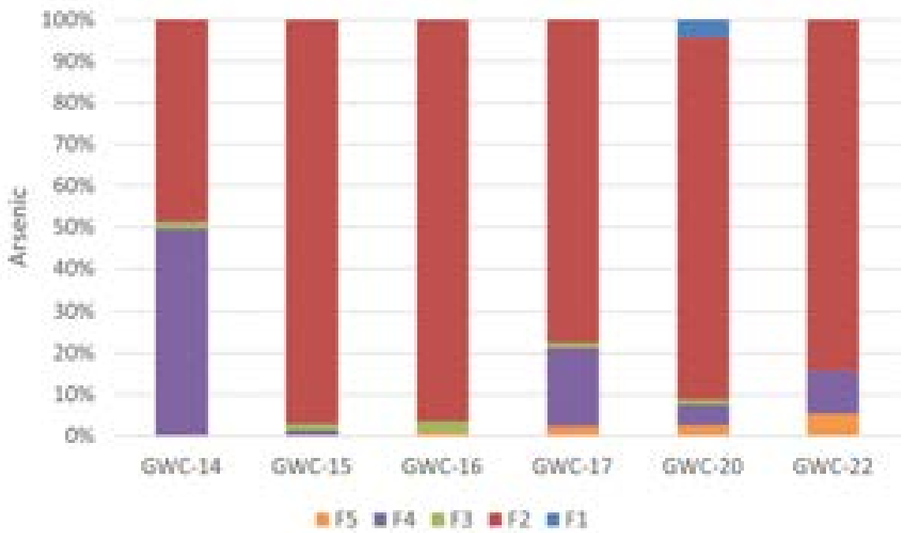
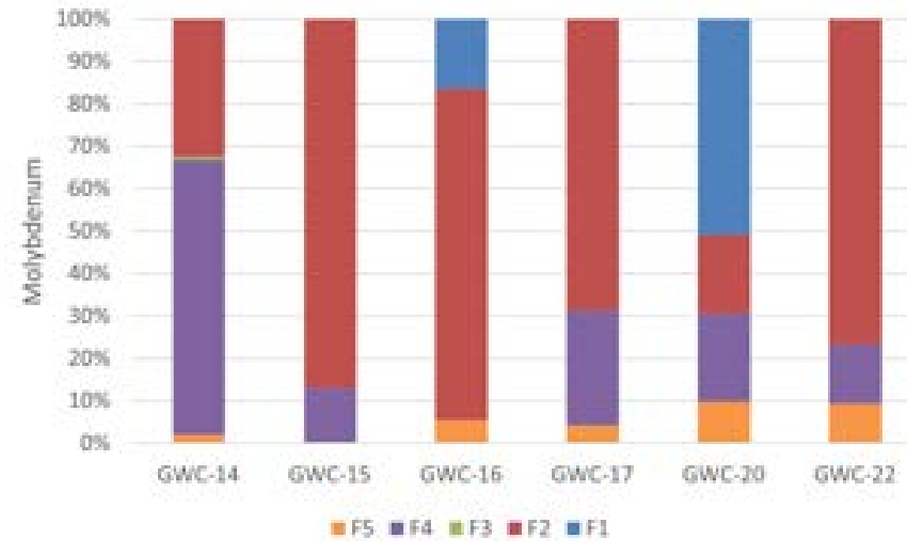
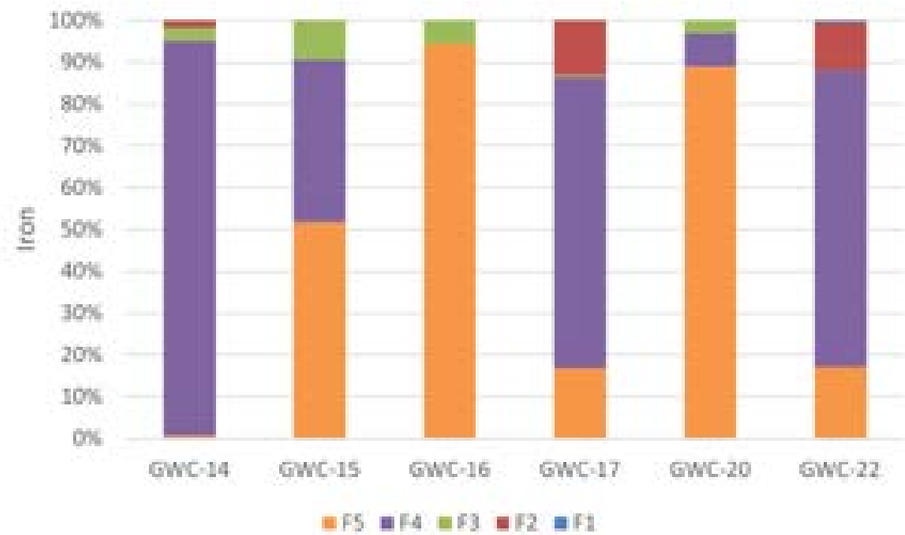
Figure 11
Bulk Chemistry Relationship Between Molybdenum and Iron—Well Solids (Precipitates)







Notes:
- F1: water soluble
- F2: exchangeable
- F3: reducible (e.g., poorly crystalline metal oxides such as iron oxides)
- F4: oxidizable (e.g., crystalline oxide and crystalline sulfide minerals)
- F5: residual (e.g., silicate phases)

SSE: selective sequential extraction

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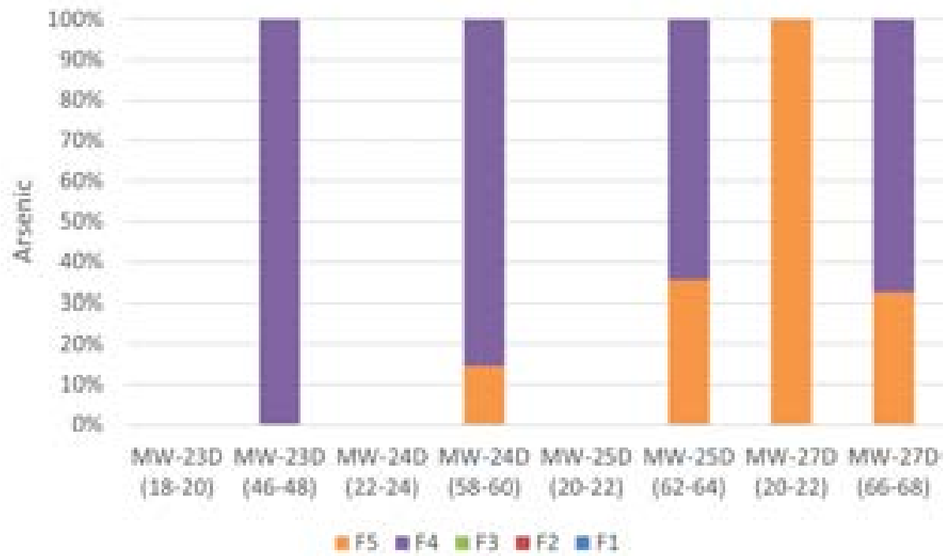
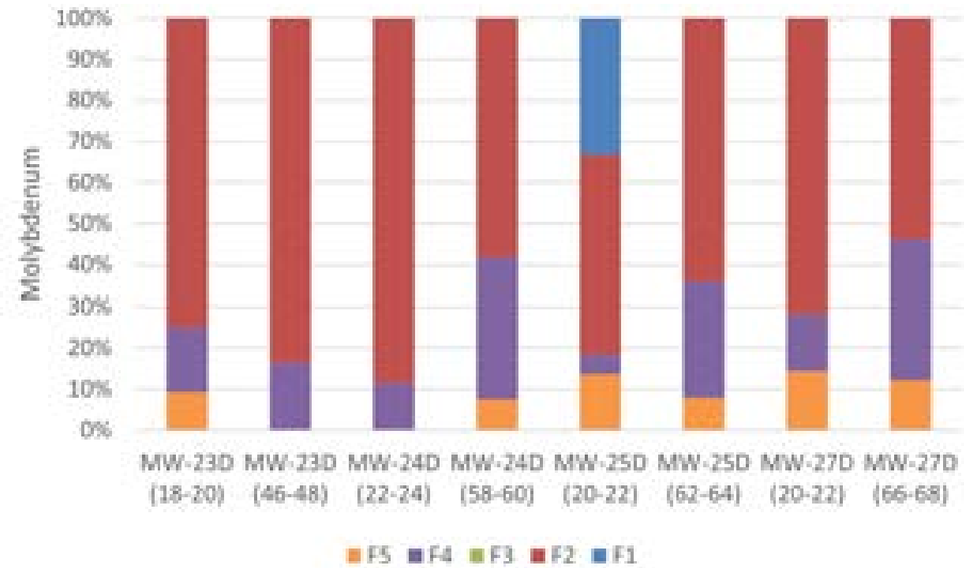
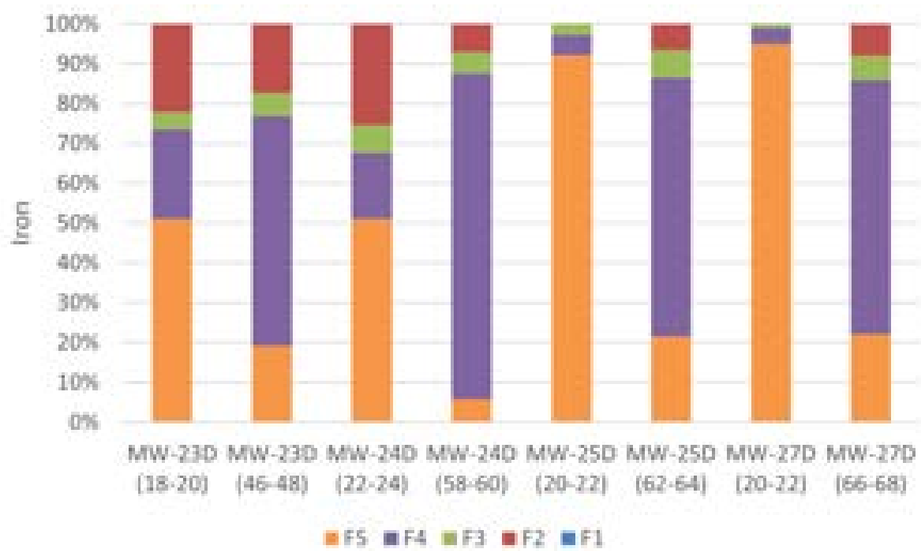
Figure 12
SSE Results for Well Solids
Semiannual Remedy Selection and Design Progress Report
Grumman Road Private Industrial Landfill, Port Wentworth, Georgia





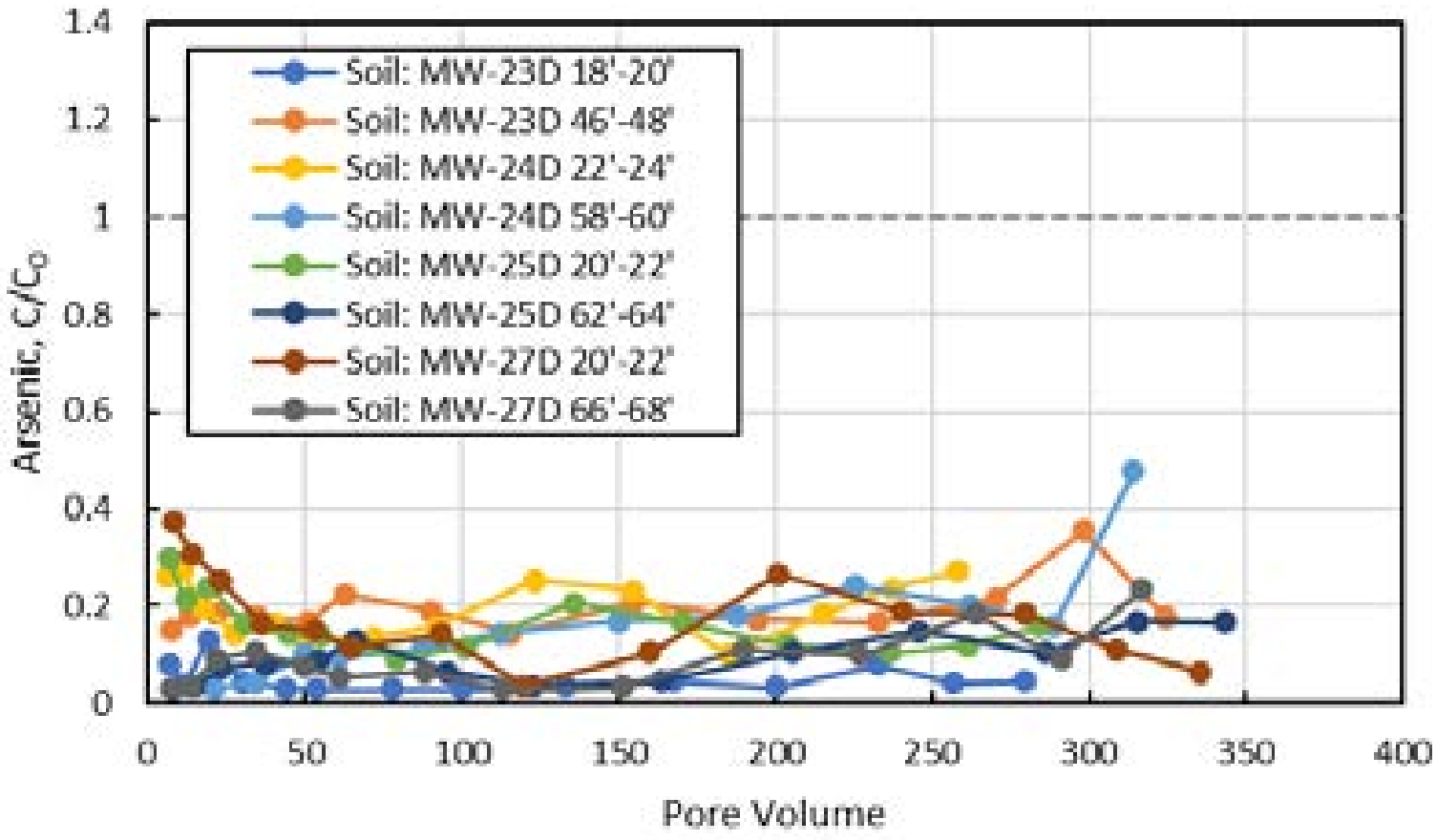


Notes:
Blank columns indicate the constituent was analyzed for but not detected.
- F1: water soluble
- F2: exchangeable
- F3: reducible (e.g., poorly crystalline metal oxides such as iron oxides)
- F4: oxidizable (e.g., crystalline oxide and crystalline sulfide minerals)
- F5: residual (e.g., silicate phases)

SSE: selective sequential extraction

ANCHOR QEA

Figure 13
SSE Results for Aquifer Solids (Soil)
Semiannual Remedy Selection and Design Progress Report
Grumman Road Private Industrial Landfill, Port Wentworth, Georgia



Notes:
Dashed line indicates effluent concentrations equal influent concentrations (i.e., capacity for attenuation has been consumed).
C/C_0: ratio of concentration in column effluent to that in column influent solution
1: influent equals effluent
>1: no attenuation
<1: attenuation

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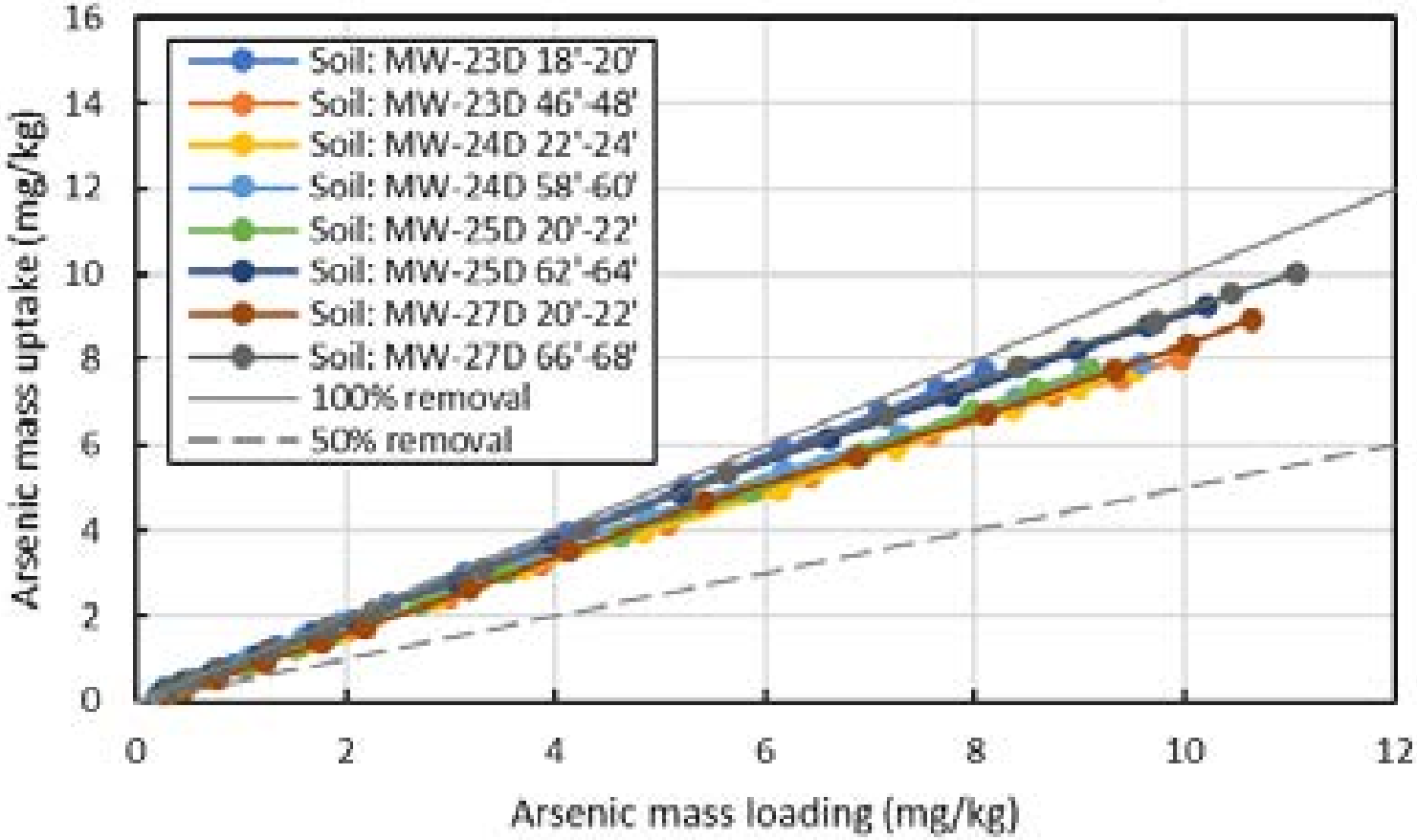
Figure 14
Dissolved Arsenic Breakthrough Curves
Semiannual Remedy Selection and Design Progress Report
Grumman Road Private Industrial Landfill, Port Wentworth, Georgia



Note:
mg/kg: milligrams per kilogram

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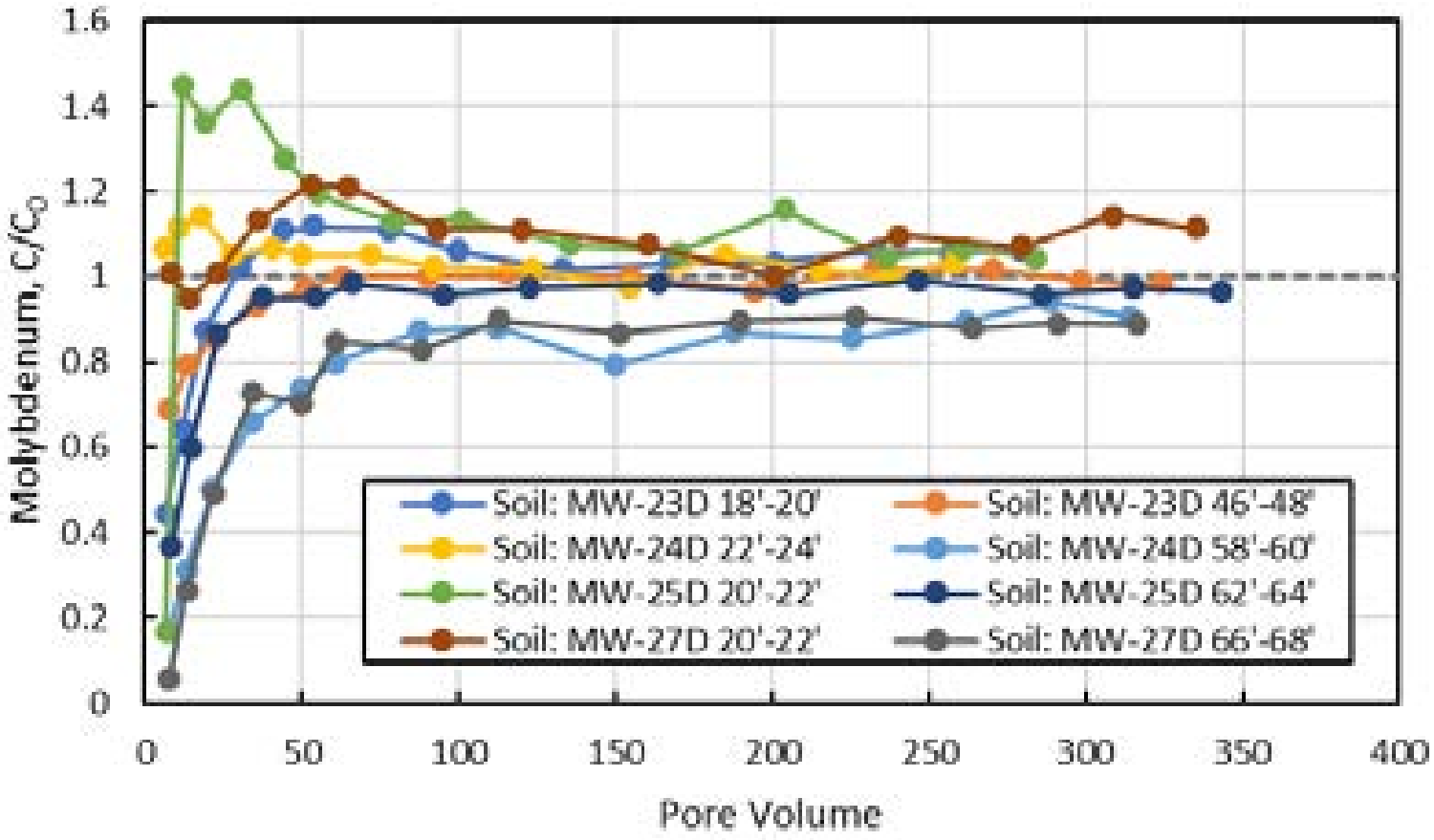
Figure 15
Arsenic Mass Uptake by Site Soils Versus Arsenic Mass Loading
Semiannual Remedy Selection and Design Progress Report
Grumman Road Private Industrial Landfill, Port Wentworth, Georgia



Notes:
Dashed line indicates effluent concentrations equal influent concentrations (i.e., capacity for attenuation has been consumed).
C/C_0: ratio of concentration in column effluent to that in column influent solution
1: influent equals effluent
>1: no attenuation
<1: attenuation

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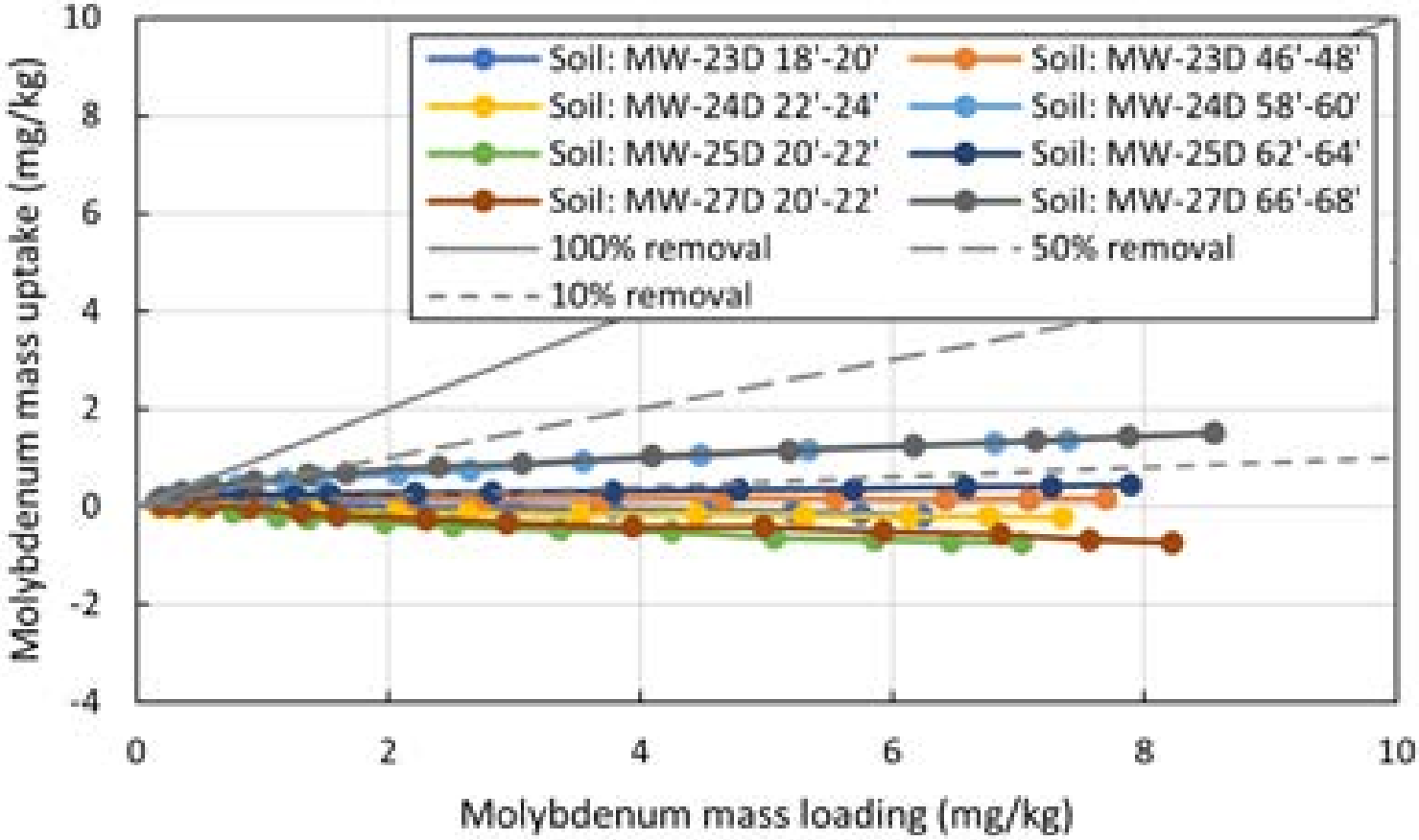
Figure 16
Dissolved Molybdenum Breakthrough Curves
Semiannual Remedy Selection and Design Progress Report
Grumman Road Private Industrial Landfill, Port Wentworth, Georgia



Note:
mg/kg: milligrams per kilogram

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Figure 17
Molybdenum Mass Uptake by Site Soils Versus Molybdenum Mass Loading
Semiannual Remedy Selection and Design Progress Report
Grumman Road Private Industrial Landfill, Port Wentworth, Georgia

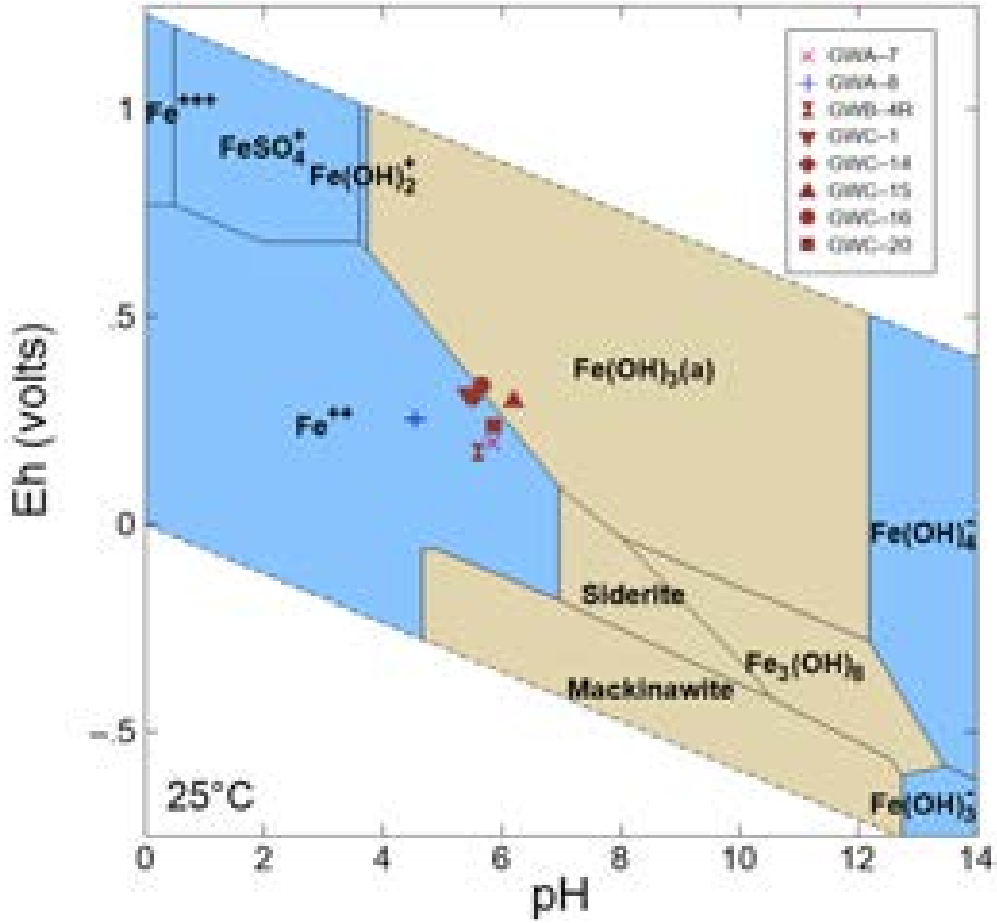

Diagram: Fe^{2+}, T = 25 °C, P = 1.013 bars, a [main] = $10^{-4.523}$, a [H_2O] = 1, a [CO_2] = 10^{-3} (speciates), a [Mn^{2+}] = $10^{-5.824}$ (speciates), a [SO_4^{2-}] = $10^{-2.727}$ (speciates), a [H_3AsO_4] = $10^{-4.699}$ (speciates), a [MoO_4^{2-}] = $10^{-6.301}$ (speciates), a [Al^{3+}] = $10^{-5.699}$ (speciates), a [Ba^{2+}] = $10^{-6.301}$, a [Ca^{2+}] = $10^{-3.52}$ (speciates), a [Li^{+}] = 10^{-7} (speciates), a [Mg^{2+}] = $10^{-3.699}$, a [K^{+}] = $10^{-3.398}$ (speciates), a [Na^{+}] = $10^{-2.523}$ (speciates); Suppressed: $As_2S_3(HS)_2^-$, $AsS(OH)(HS)^-$, Goethite, Greigite, Hematite, Jarosite(ss), Jarosite-K, Jarosite-Na, Jarositeh, Maghemite, Magnetite, $MoO_2(H_2O)_2$(aq), Pyrite

Note:
Blue fields indicate dissolved/mobile species. Tan fields indicate solid/attenuated species.

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Figure 18
Eh-pH Stability Diagram for Dissolved and Solid Iron Phases
Semiannual Remedy Selection and Design Progress Report
Grumman Road Private Industrial Landfill, Port Wentworth, Georgia

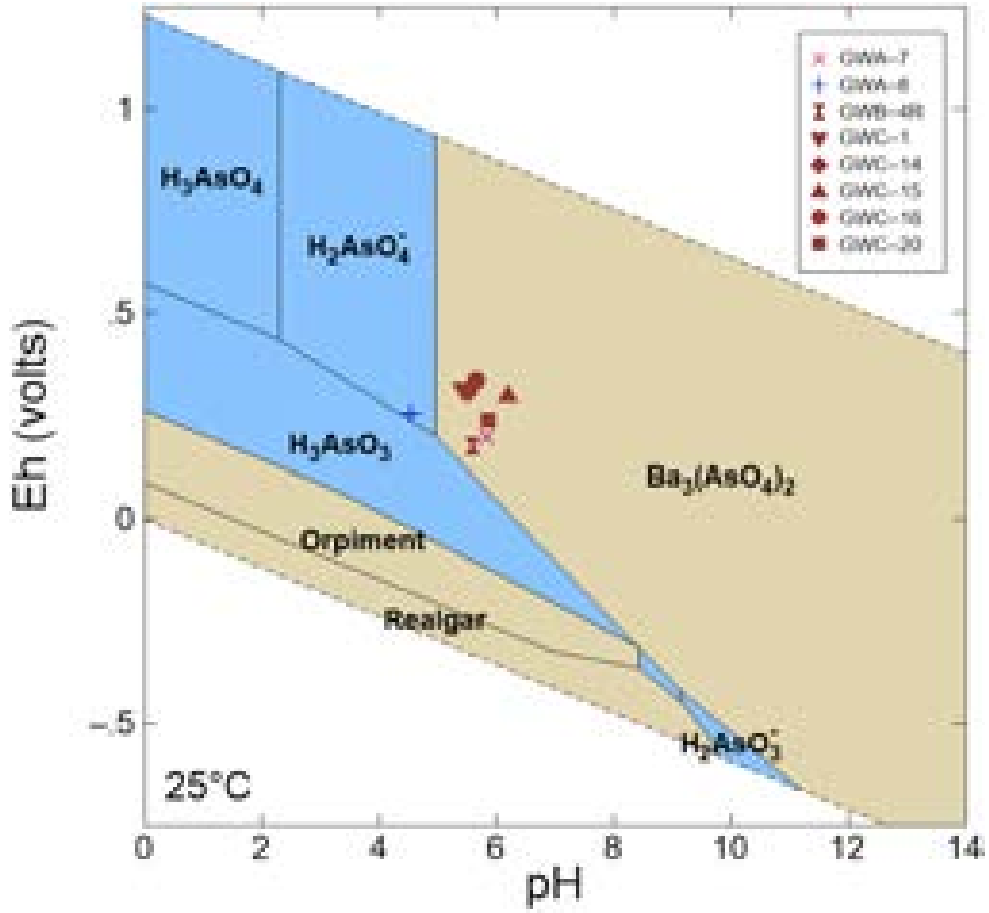

Diagram H_3AsO_4, T = 25 °C, P = 1.013 bars, a [main] = $10^{-6.000}$, a [H_2O] = 1,
a [CO_2] = 10^{-3} (speciates), a [MoO_4^{2-}] = $10^{-6.301}$, a [SO_4^{2-}] = $10^{-2.523}$ (speciates),
a [Mn^{2+}] = $10^{-6.824}$ (speciates), a [Fe^{2+}] = $10^{-6.523}$ (speciates), a [Al^{3+}] = $10^{-5.146}$,
a [Ba^{2+}] = $10^{-6.301}$ (speciates), a [Ca^{2+}] = $10^{-3.42}$ (speciates), a [Si] = 10^{-7} (speciates), a [Mg^{2+}] = $10^{-3.146}$,
a [K^+] = $10^{-3.398}$, a [Na^+] = $10^{-2.523}$; Suppressed: $As_2S_2(HS)_2$, $AsS(OH)(HS)^-$, Goethite, Greigite, Hematite,
Jarosite(ss), Jarosite-K, Jarosite-Na, Jarosite-H, Maghemite, Magnetite, $MoO_2(H_2O)_2(aq)$, Pyrite

Note:
Blue fields indicate dissolved/mobile species. Tan fields indicate solid/attenuated species.

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Figure 19
Eh-pH Stability Diagram for Dissolved and Solid Arsenic Phases
Semiannual Remedy Selection and Design Progress Report
Grumman Road Private Industrial Landfill, Port Wentworth, Georgia

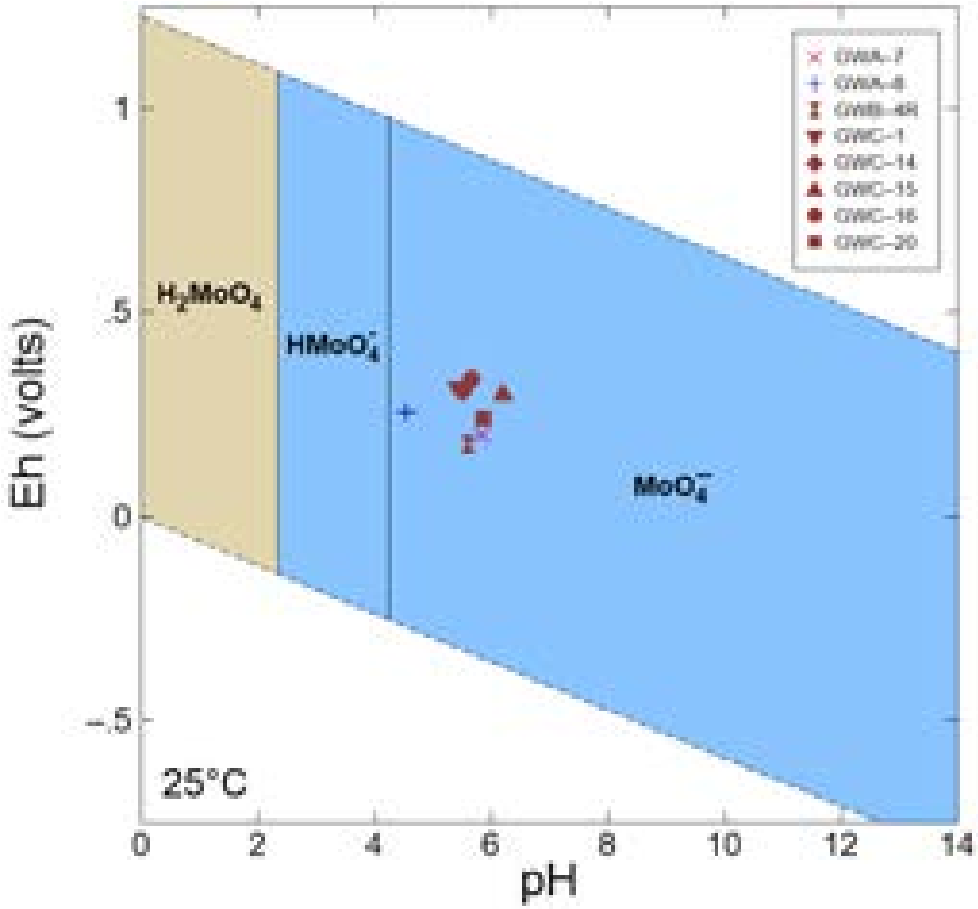

Diagram MoO_4^-, T = 25 °C, P = 1.013 bars, a [main] = $10^{-6.301}$, a [H_2O] = 1, a [CO_3^{--}] = 10^{-3} (speciates), a [Mn^{++}] = $10^{-6.924}$, a [SO_4^{--}] = $10^{-3.523}$ (speciates), a [H_3AsO_4] = $10^{-6.699}$, a [Fe^{++}] = $10^{-4.523}$ (speciates), a [Al^{+++}] = $10^{-5.046}$ (speciates), a [Ba^{++}] = $10^{-6.301}$ (speciates), a [Ca^{++}] = $10^{-3.92}$ (speciates), a [Li^{+}] = 10^{-7} (speciates), a [Mg^{++}] = $10^{-3.046}$ (speciates), a [K^{+}] = $10^{-3.398}$ (speciates), a [Na^{+}] = $10^{-3.523}$ (speciates); Suppressed: $As_2S_2(HS)_2^-$, $AsS(OH)(HS)^-$, Goethite, Greigite, Hematite, Jarosite(ss), Jarosite-K, Jarosite-Na, JarositeH, Maghemite, Magnetite, $MoO_2(H_2O)_2(aq)$, Pyrite

Note:
Blue fields indicate dissolved/mobile species. Tan fields indicate solid/attenuated species.

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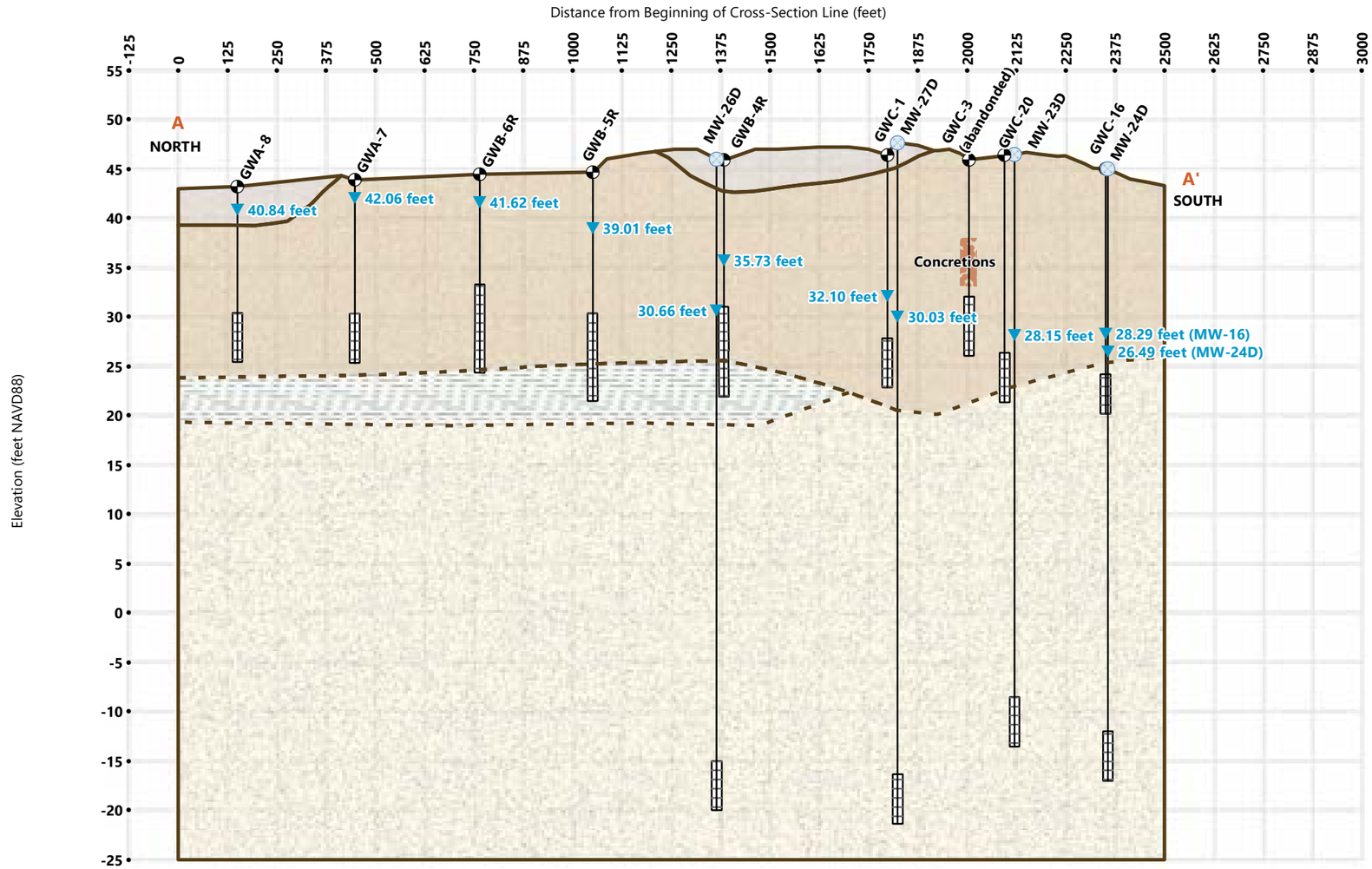
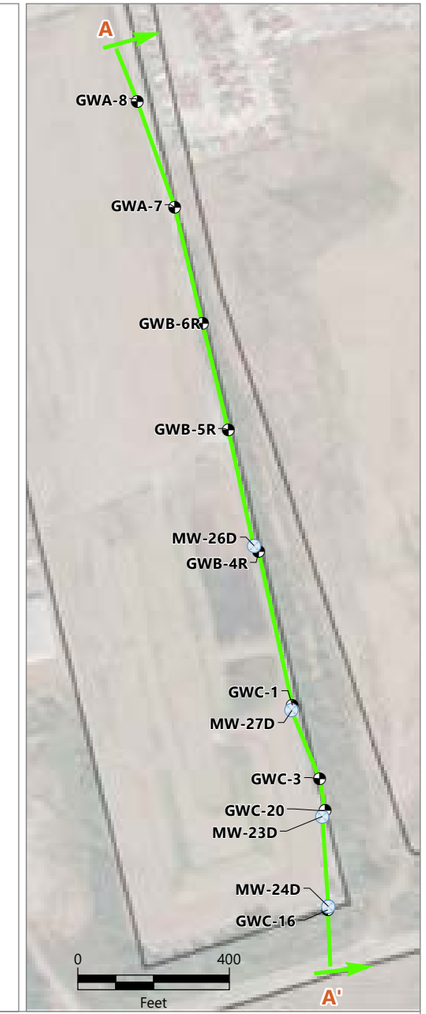
Figure 20
Eh-pH Stability Diagram for Dissolved and Solid Molybdenum Phases
Semiannual Remedy Selection and Design Progress Report
Grumman Road Private Industrial Landfill, Port Wentworth, Georgia





LEGEND:

- Monitoring Well
- Vertical Delineation Well
- Well Depth Below Ground Surface
- Measured Groundwater Elevation
- Plan View Cross Section
- Monitoring Well Screened Interval

Upper Sands and Topsoil: tan to brown or black, silty fine sand with occasional organic matter

Unit 1: Uppermost Water-Bearing Zone: gray, tan, yellow, orange, and/or brown, silty fine sand with occasional opaque minerals and orange-brown concretions

Unit 2: Low Permeability Zone: olive gray to light gray, very silty fine sands, clayey sands, and sandy silt

Unit 3: Lower Sand Water Bearing Zone: light yellowish brown to light or olive gray, silty to clayey fine to coarse sands

NOTES:

1. Cross section redrawn from figures provided in *Assessment of Corrective Measures* (Anchor QEA 2020).
2. Stratigraphic layers were correlated using a combination of boring data and gamma logs.
3. Aerial imagery is from Esri basemap service (source date: February 21, 2021).
4. Measured groundwater elevation data for Grumman Road landfill are from the March 8, 2021, gauging event.
5. Vertical exaggeration is 25x.

NAVD88: North American Vertical Datum of 1988

Publish Date: 2022/02/24, 10:40 AM | User: nwagner
Report Title: Semiannual Remedy Selection and Design Progress Report

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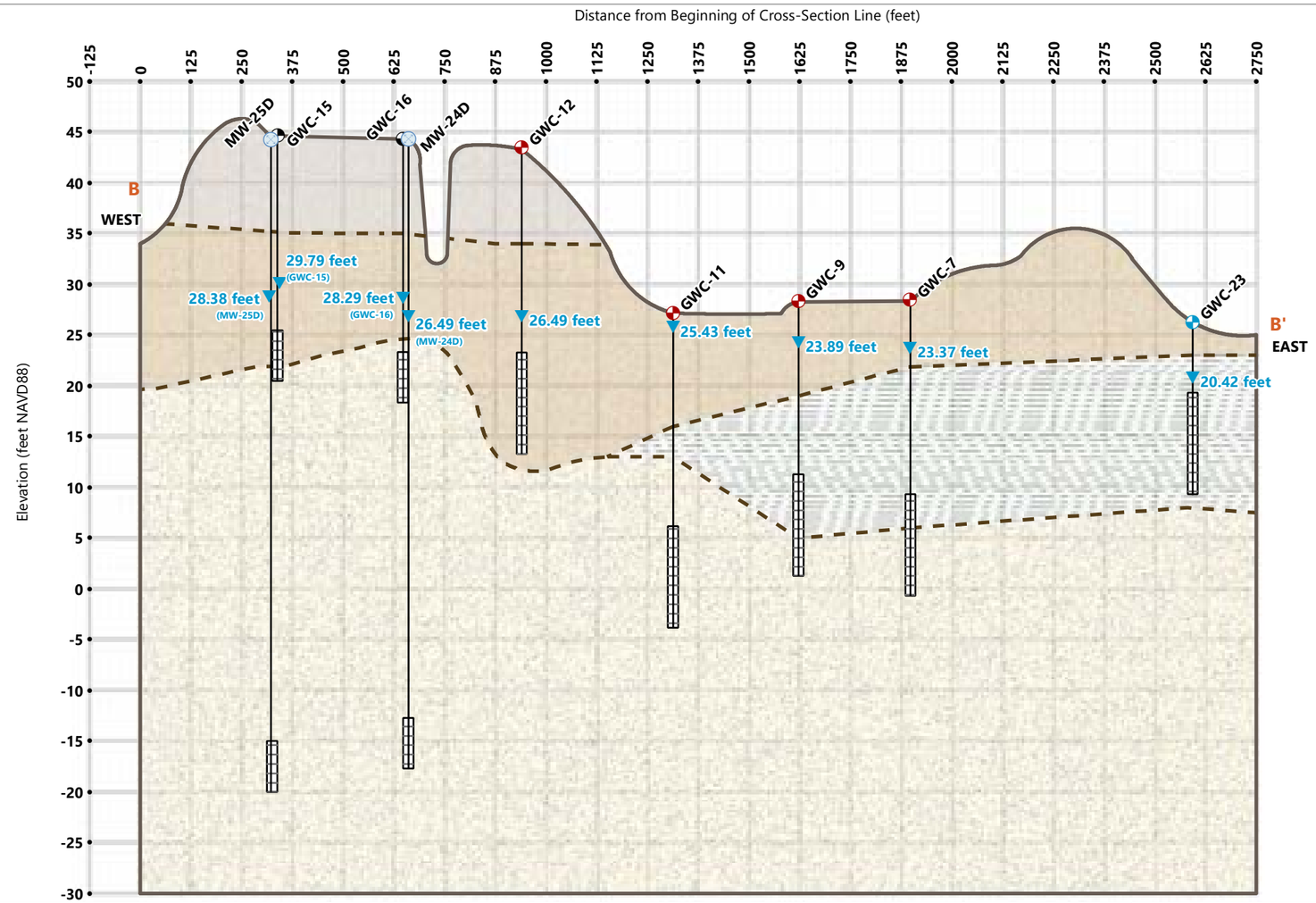
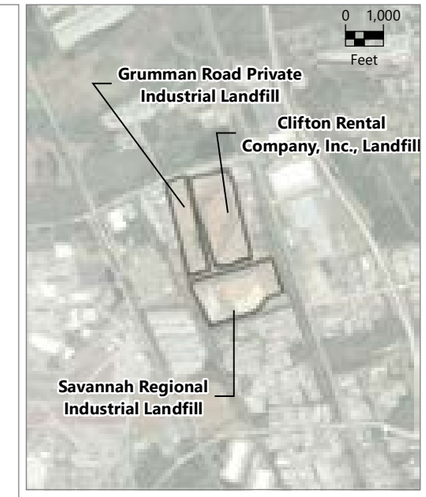
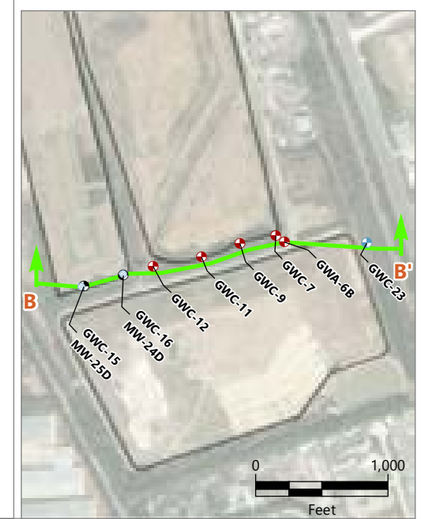
Figure 21
A to A' Geologic Cross Section

Semiannual Remedy Selection and Design Progress Report
Grumman Road Private Industrial Landfill, Port Wentworth, Georgia







LEGEND:

- Clifton Rental Company, Inc. Landfill
- Grumman Road Private Industrial Landfill
- Savannah Regional Industrial Landfill
- Vertical Delineation Well
- Approximate Groundwater Elevation
- Well Depth Below Ground Surface
- Plan View Cross Section
- Monitoring Well Screened Interval

Upper Sands and Topsoil: tan to brown or black, silty fine sand with occasional organic matter

Unit 1: Uppermost Water-Bearing Zone: gray, tan, yellow, orange, and/or brown, silty fine sand with occasional opaque minerals and orange-brown concretions

Unit 2: Low Permeability Zone: olive gray to light gray, very silty fine sands, clayey sands, and sandy silt

Unit 3: Lower Sand Water Bearing Zone: light yellowish brown to light or olive gray, silty to clayey fine to coarse sands.

NOTES:

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4. Measured groundwater elevation data for Grumman Road landfill are from the March 8, 2021, gauging event.
5. Vertical exaggeration is 25x.

NAVD88: North American Vertical Datum of 1988

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Report Title: Semiannual Remedy Selection and Design Progress Report

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Figure 22
B to B' Geologic Cross Section
Semiannual Remedy Selection and Design Progress Report
Grumman Road Private Industrial Landfill, Port Wentworth, Georgia

Appendix A
Certificate of Authorization

STATE OF GEORGIA
BRAD RAFFENSPERGER, Secretary of State
State Board of Registration for Professional Engineers and Land Surveyors
LICENSE NO. PEF006751
Anchor QEA, LLC

10320 Little Patuxent Parkway Suite 1140
Columbia MD 21044

Engineer Firm

EXP DATE - 06/30/2022 Status: Active
Issue Date: 06/18/2015

A pocket-sized license card is below. Above is an enlarged copy of your pocket card.

Please make note of the expiration date on your license. It is your responsibility to renew your license before it expires. Please notify the Board if you have a change of address.

Wall certificates suitable for framing are available at cost, see board fee schedule. To order a wall certificate, please order from the web site – www.sos.ga.gov/plb.

Please refer to Board Rules for any continuing education requirements your profession may require.

Georgia State Board of Professional Licensing
237 Coliseum Drive
Macon GA 31217
Phone: (404) 424-9966
www.sos.ga.gov/plb

Anchor QEA, LLC
10320 Little Patuxent Parkway Suite 1140
Columbia MD 21044

STATE OF GEORGIA
BRAD RAFFENSPERGER, Secretary of State
Georgia State Board of Registration for Professional Engineers and Land Surveyors
License No. PEF006751
Anchor QEA, LLC

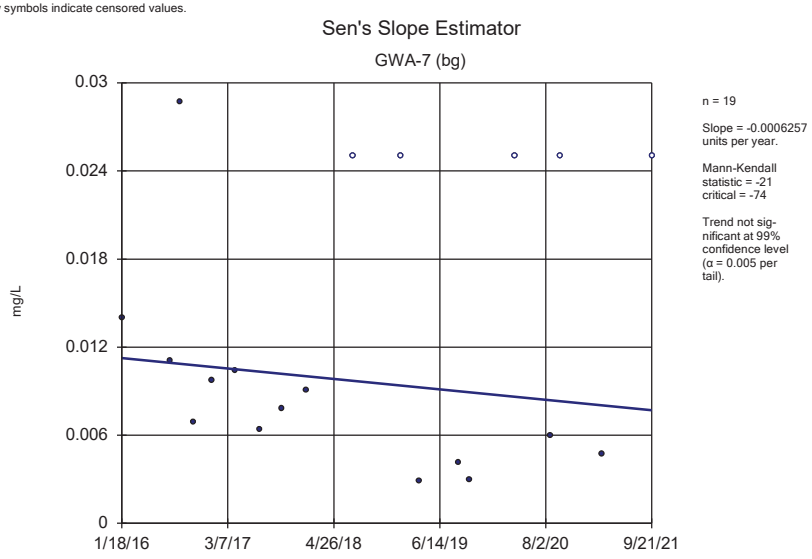
10320 Little Patuxent Parkway Suite 1140
Columbia MD 21044

Engineer Firm

EXP DATE - 06/30/2022 Status: Active
Issue Date: 06/18/2015

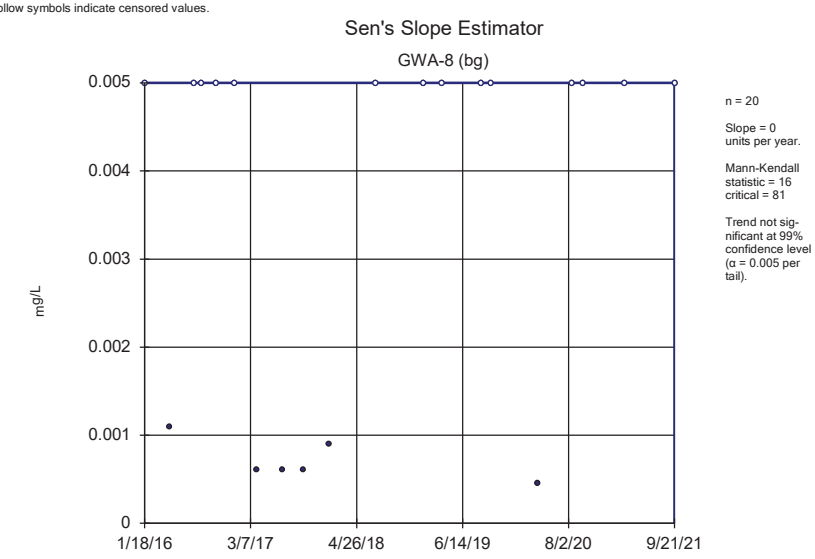
Appendix B
Trend Test Graphs

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



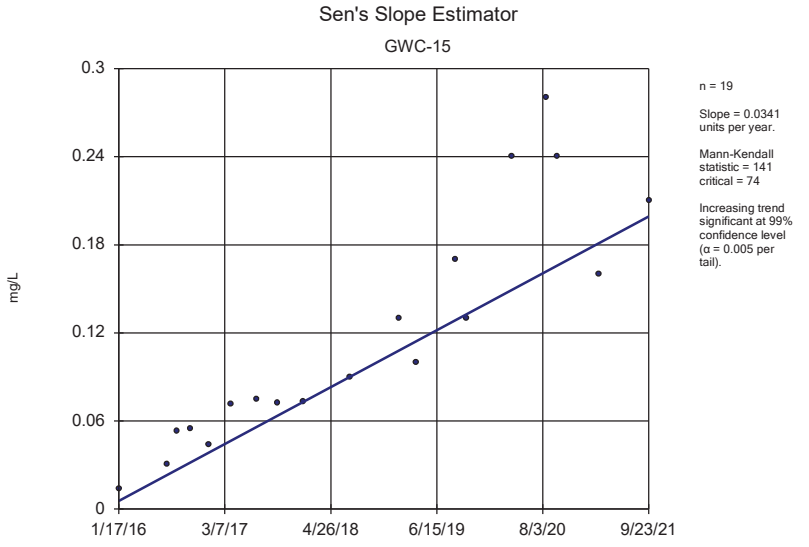
Constituent: Arsenic Analysis Run 11/21/2021 11:06 AM View: Trend Tests - Confidence Interval Exceeda
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



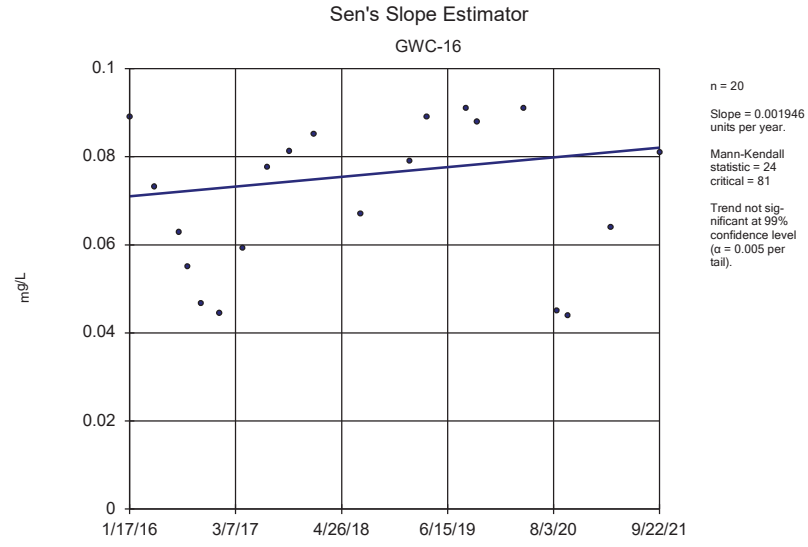
Constituent: Arsenic Analysis Run 11/21/2021 11:06 AM View: Trend Tests - Confidence Interval Exceeda
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG



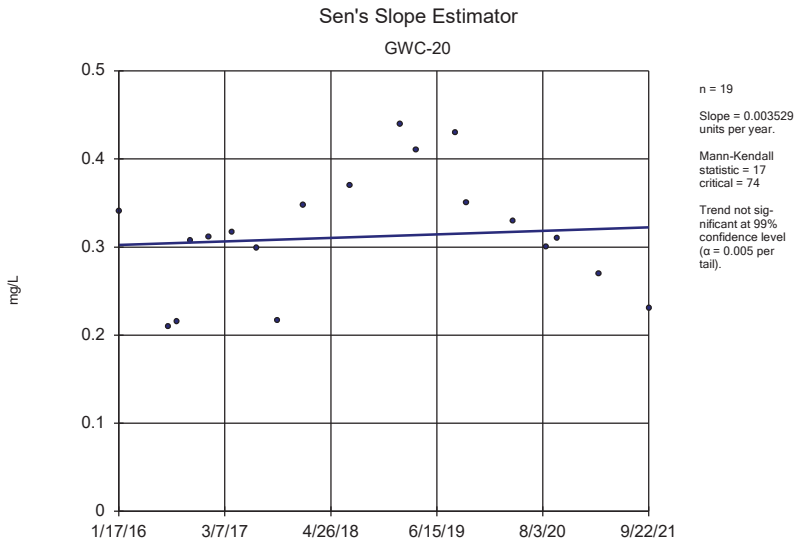
Constituent: Arsenic Analysis Run 11/21/2021 11:06 AM View: Trend Tests - Confidence Interval Exceeda
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG



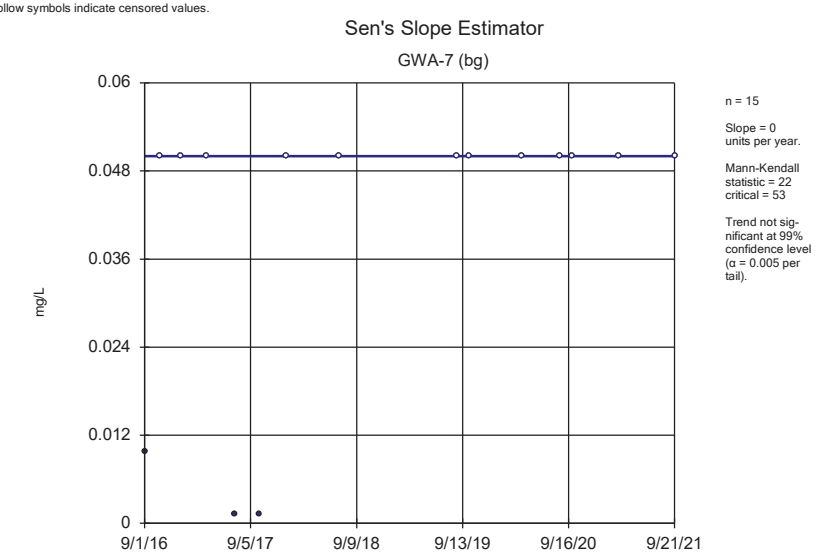
Constituent: Arsenic Analysis Run 11/21/2021 11:06 AM View: Trend Tests - Confidence Interval Exceeda
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG



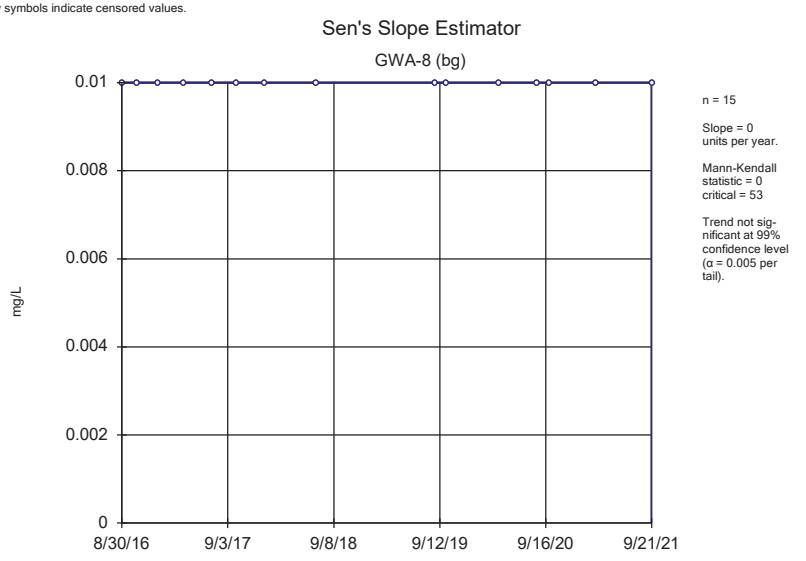
Constituent: Arsenic Analysis Run 11/21/2021 11:06 AM View: Trend Tests - Confidence Interval Exceeda
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



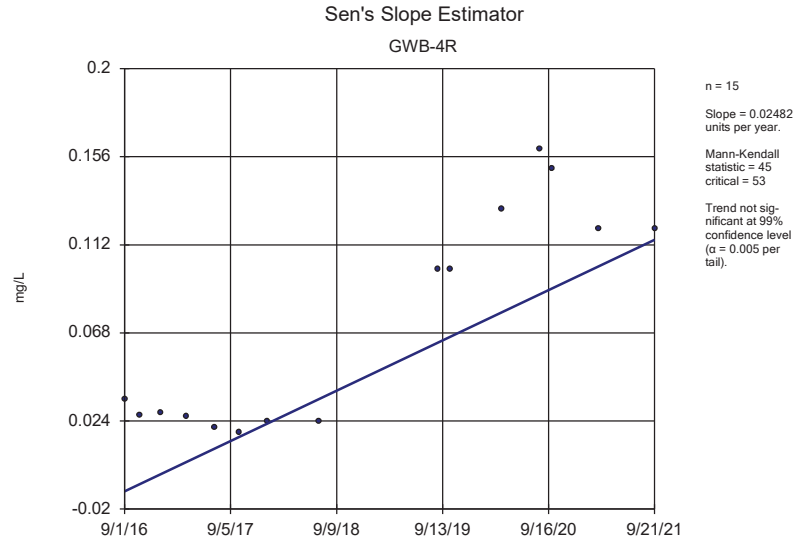
Constituent: Molybdenum Analysis Run 11/21/2021 11:06 AM View: Trend Tests - Confidence Interval Ex
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Molybdenum Analysis Run 11/21/2021 11:06 AM View: Trend Tests - Confidence Interval Ex
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

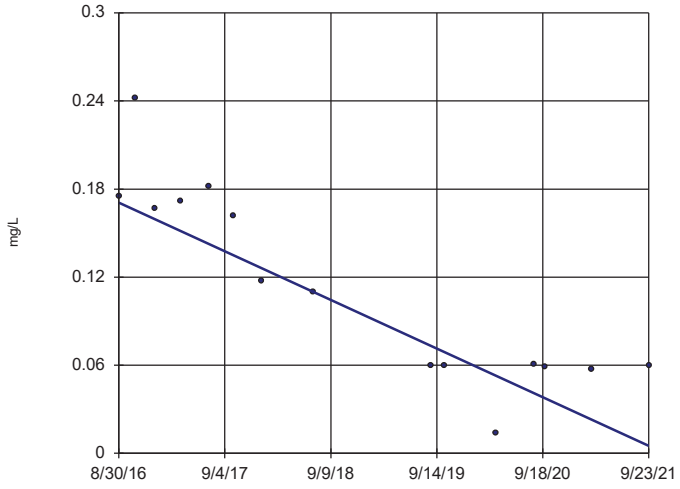


Constituent: Molybdenum Analysis Run 11/21/2021 11:06 AM View: Trend Tests - Confidence Interval Ex
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-1



n = 15

Slope = -0.03266 units per year.

Mann-Kendall statistic = -76 critical = -53

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

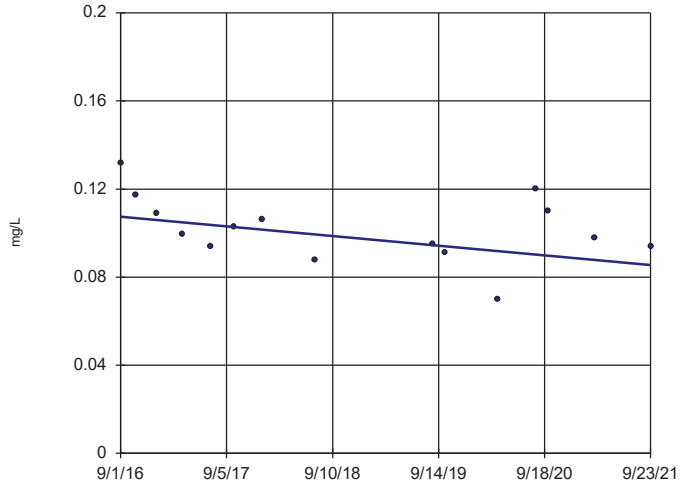
Constituent: Molybdenum Analysis Run 11/21/2021 11:06 AM View: Trend Tests - Confidence Interval Ex

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-15



n = 15

Slope = -0.004337 units per year.

Mann-Kendall statistic = -33 critical = -53

Trend not significant at 99% confidence level (α = 0.005 per tail).

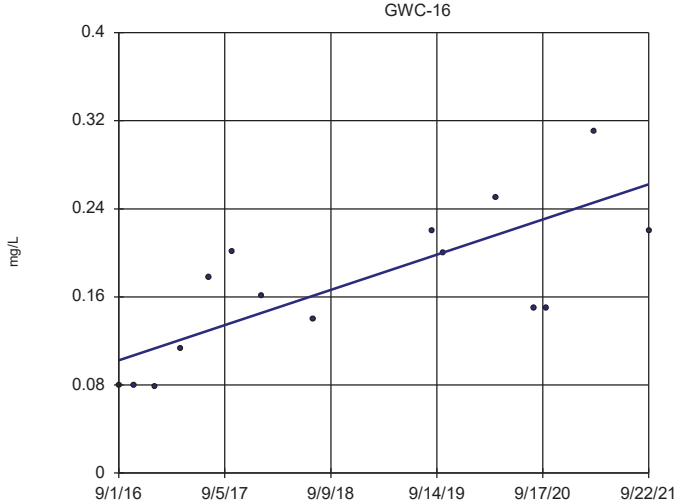
Constituent: Molybdenum Analysis Run 11/21/2021 11:06 AM View: Trend Tests - Confidence Interval Ex

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-16



n = 15

Slope = 0.03158 units per year.

Mann-Kendall statistic = 56 critical = 53

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

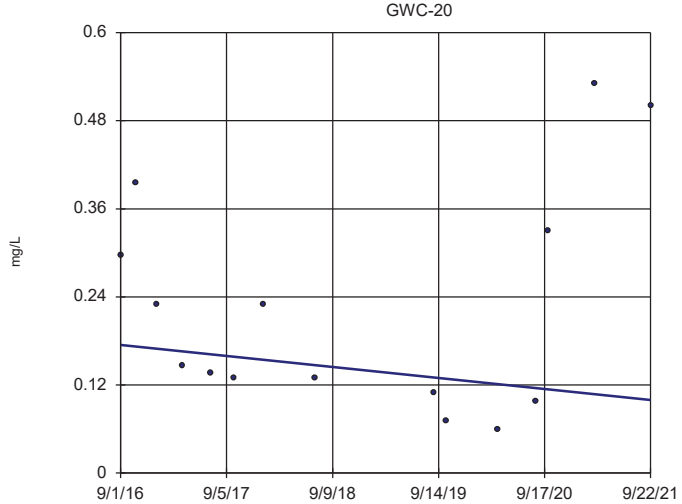
Constituent: Molybdenum Analysis Run 11/21/2021 11:06 AM View: Trend Tests - Confidence Interval Ex

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-20



n = 15

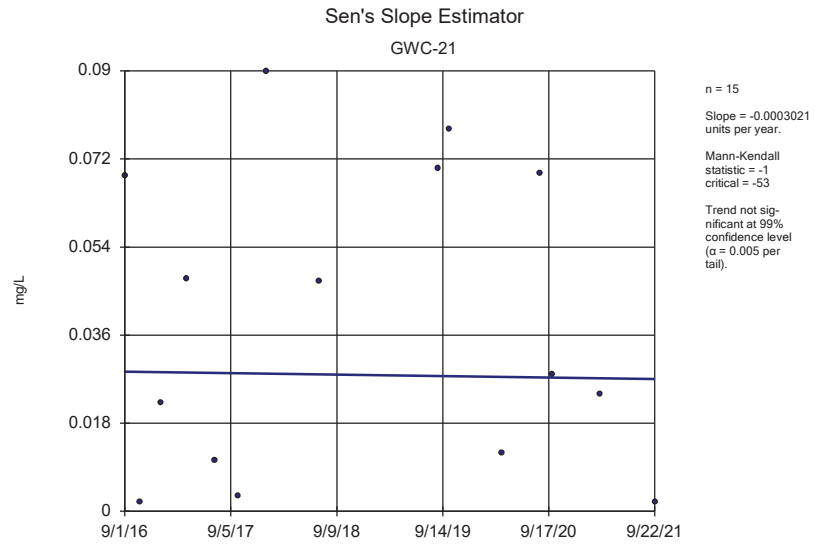
Slope = -0.01481 units per year.

Mann-Kendall statistic = -17 critical = -53

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Molybdenum Analysis Run 11/21/2021 11:06 AM View: Trend Tests - Confidence Interval Ex

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill



Constituent: Molybdenum Analysis Run 11/21/2021 11:06 AM View: Trend Tests - Confidence Interval Ex
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Appendix C
Laboratory Analytical Data

Pace Analytical Services, LLC
110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

November 11, 2021

Joju Abraham
Georgia Power-CCR
2480 Maner Road
Atlanta, GA 30339

RE: Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Dear Joju Abraham:

Enclosed are the analytical results for sample(s) received by the laboratory on September 24, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Nicole D'Oleo
nicole.d'oleo@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Owens Fuquea, ACC
Monte Jones, Atlantic Coast Consulting, Inc.
Kristen Jurinko
Matt Malone, Atlantic Coast Consulting
Betsy McDaniel, Atlantic Coast Consulting
Ms. Lauren Petty, Southern Company

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Peachtree Corners, GA 30092
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CERTIFICATIONS

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Pace Analytical Services Pennsylvania
1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
Alabama Certification #: 41590
Arizona Certification #: AZ0734
Arkansas Certification
California Certification #: 04222CA
Colorado Certification #: PA01547
Connecticut Certification #: PH-0694
Delaware Certification
EPA Region 4 DW Rad
Florida/TNI Certification #: E87683
Georgia Certification #: C040
Florida: Cert E871149 SEKS WET
Guam Certification
Hawaii Certification
Idaho Certification
Illinois Certification
Indiana Certification
Iowa Certification #: 391
Kansas/TNI Certification #: E-10358
Kentucky Certification #: KY90133
KY WW Permit #: KY0098221
KY WW Permit #: KY0000221
Louisiana DHH/TNI Certification #: LA180012
Louisiana DEQ/TNI Certification #: 4086
Maine Certification #: 2017020
Maryland Certification #: 308
Massachusetts Certification #: M-PA1457
Michigan/PADEP Certification #: 9991
Missouri Certification #: 235
Montana Certification #: Cert0082
Nebraska Certification #: NE-OS-29-14
Nevada Certification #: PA014572018-1
New Hampshire/TNI Certification #: 297617
New Jersey/TNI Certification #: PA051
New Mexico Certification #: PA01457
New York/TNI Certification #: 10888
North Carolina Certification #: 42706
North Dakota Certification #: R-190
Ohio EPA Rad Approval: #41249
Oregon/TNI Certification #: PA200002-010
Pennsylvania/TNI Certification #: 65-00282
Puerto Rico Certification #: PA01457
Rhode Island Certification #: 65-00282
South Dakota Certification
Tennessee Certification #: 02867
Texas/TNI Certification #: T104704188-17-3
Utah/TNI Certification #: PA014572017-9
USDA Soil Permit #: P330-17-00091
Vermont Dept. of Health: ID# VT-0282
Virgin Island/PADEP Certification
Virginia/VELAP Certification #: 9526
Washington Certification #: C868
West Virginia DEP Certification #: 143
West Virginia DHHR Certification #: 9964C
Wisconsin Approve List for Rad
Wyoming Certification #: 8TMS-L

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Peachtree Corners, GA 30092
(770)734-4200

SAMPLE SUMMARY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92563306001	**GWA-7**	Water	09/21/21 09:55	09/24/21 09:18
92563306002	**GWB-4R**	Water	09/21/21 14:45	09/24/21 09:18
92563306003	**GWB-5R**	Water	09/21/21 12:35	09/24/21 09:18
92563306004	**GWB-6R**	Water	09/21/21 11:15	09/24/21 09:18
92563306005	**MW-26D**	Water	09/21/21 13:45	09/24/21 09:18
92563306006	**MW-27D**	Water	09/21/21 16:15	09/24/21 09:18
92563306007	**GWA-8**	Water	09/21/21 09:45	09/24/21 09:18
92563306008	**GWC-11**	Water	09/21/21 12:40	09/24/21 09:18
92563306009	**GWC-12**	Water	09/21/21 10:57	09/24/21 09:18
92563306010	**GWC-13**	Water	09/21/21 16:20	09/24/21 09:18
92563306011	**GWC-22**	Water	09/21/21 14:00	09/24/21 09:18
92563306012	**FB-1**	Water	09/21/21 09:45	09/24/21 09:18
92563306013	**GWC-2**	Water	09/22/21 14:38	09/24/21 09:18
92563306014	**GWC-9**	Water	09/22/21 13:03	09/24/21 09:18
92563306015	**GWC-14**	Water	09/22/21 16:10	09/24/21 09:18
92563306016	**GWC-16**	Water	09/22/21 11:00	09/24/21 09:18
92563306017	**GWC-17**	Water	09/22/21 12:00	09/24/21 09:18
92563306018	**GWC-20**	Water	09/22/21 14:05	09/24/21 09:18
92563306019	**GWC-21**	Water	09/22/21 09:40	09/24/21 09:18
92563306020	**MW-23D**	Water	09/22/21 16:00	09/24/21 09:18
92563306021	**MW-24D**	Water	09/22/21 12:25	09/24/21 09:18
92563306022	**MW-25D**	Water	09/23/21 10:05	09/24/21 09:18
92563306023	**GWC-1**	Water	09/23/21 09:10	09/24/21 09:18
92563306024	**GWC-15**	Water	09/23/21 08:55	09/24/21 09:18
92563306025	**EB-1**	Water	09/21/21 11:25	09/24/21 09:18
92563306026	**DUP-1**	Water	09/21/21 00:00	09/24/21 09:18
92563306027	**EB-2**	Water	09/22/21 08:45	09/24/21 09:18
92563306028	**FB-2**	Water	09/22/21 12:40	09/24/21 09:18
92563306029	**DUP-2**	Water	09/22/21 00:00	09/24/21 09:18
92563306030	**EB-3**	Water	09/23/21 09:00	09/24/21 09:18
92563306031	**FB-3**	Water	09/22/21 13:15	09/24/21 09:18
92563306032	**DUP-3**	Water	09/22/21 00:00	09/24/21 09:18

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Peachtree Corners, GA 30092
(770)734-4200

SAMPLE ANALYTE COUNT

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92563306001	**GWA-7**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306002	**GWB-4R**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306003	**GWB-5R**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306004	**GWB-6R**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306005	**MW-26D**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306006	**MW-27D**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306007	**GWA-8**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306008	**GWC-11**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306009	**GWC-12**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306010	**GWC-13**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306011	**GWC-22**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306012	**FB-1**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306013	**GWC-2**	EPA 9315	JJY	1	PASI-PA

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SAMPLE ANALYTE COUNT

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306014	**GWC-9**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306015	**GWC-14**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306016	**GWC-16**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306017	**GWC-17**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306018	**GWC-20**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	JC2	1	PASI-PA
		Total Radium Calculation	RMK	1	PASI-PA
92563306019	**GWC-21**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306020	**MW-23D**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306021	**MW-24D**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306022	**MW-25D**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306023	**GWC-1**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306024	**GWC-15**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306025	**EB-1**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA

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Peachtree Corners, GA 30092
(770)734-4200

SAMPLE ANALYTE COUNT

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		Total Radium Calculation	JAL	1	PASI-PA
92563306026	**DUP-1**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306027	**EB-2**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306028	**FB-2**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306029	**DUP-2**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306030	**EB-3**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306031	**FB-3**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92563306032	**DUP-3**	EPA 9315	JJY	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA

PASI-PA = Pace Analytical Services - Greensburg

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110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563306001	**GWA-7**					
EPA 9315	Radium-226	1.29 ± 0.687 (1.14) C:96% T:NA	pCi/L		10/29/21 06:53	
EPA 9320	Radium-228	8.96 ± 1.89 (1.23) C:62% T:91%	pCi/L		10/07/21 14:30	
Total Radium Calculation	Total Radium	10.3 ± 2.58 (2.37)	pCi/L		10/29/21 15:19	
92563306002	**GWB-4R**					
EPA 9315	Radium-226	1.14 ± 0.298 (0.257) C:94% T:NA	pCi/L		10/29/21 06:54	
EPA 9320	Radium-228	1.31 ± 0.657 (1.19) C:60% T:92%	pCi/L		10/07/21 14:30	
Total Radium Calculation	Total Radium	2.45 ± 0.955 (1.45)	pCi/L		10/29/21 15:19	
92563306003	**GWB-5R**					
EPA 9315	Radium-226	1.92 ± 0.408 (0.196) C:98% T:NA	pCi/L		10/29/21 06:54	
EPA 9320	Radium-228	1.18 ± 0.825 (1.59) C:64% T:89%	pCi/L		10/07/21 19:45	
Total Radium Calculation	Total Radium	3.10 ± 1.23 (1.79)	pCi/L		10/29/21 15:19	
92563306004	**GWB-6R**					
EPA 9315	Radium-226	1.81 ± 0.747 (0.944) C:87% T:NA	pCi/L		10/29/21 06:54	
EPA 9320	Radium-228	3.26 ± 1.15 (1.65) C:66% T:89%	pCi/L		10/07/21 19:45	
Total Radium Calculation	Total Radium	5.07 ± 1.90 (2.59)	pCi/L		10/29/21 15:19	
92563306005	**MW-26D**					
EPA 9315	Radium-226	0.452 ± 0.190 (0.190) C:96% T:NA	pCi/L		10/19/21 09:31	

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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563306005	**MW-26D**					
EPA 9320	Radium-228	0.363 ± 0.724 (1.59) C:62% T:87%	pCi/L		10/07/21 19:45	
Total Radium Calculation	Total Radium	0.815 ± 0.914 (1.78)	pCi/L		10/20/21 17:24	
92563306006	**MW-27D**					
EPA 9315	Radium-226	0.423 ± 0.177 (0.246) C:97% T:NA	pCi/L		10/29/21 06:54	
EPA 9320	Radium-228	0.170 ± 0.808 (1.83) C:63% T:89%	pCi/L		10/07/21 19:45	
Total Radium Calculation	Total Radium	0.593 ± 0.985 (2.08)	pCi/L		10/29/21 15:10	
92563306007	**GWA-8**					
EPA 9315	Radium-226	0.730 ± 0.250 (0.323) C:84% T:NA	pCi/L		10/29/21 06:55	
EPA 9320	Radium-228	-0.133 ± 0.655 (1.57) C:64% T:81%	pCi/L		10/07/21 19:45	
Total Radium Calculation	Total Radium	0.730 ± 0.905 (1.89)	pCi/L		10/29/21 15:10	
92563306008	**GWC-11**					
EPA 9315	Radium-226	2.79 ± 0.551 (0.339) C:97% T:NA	pCi/L		10/29/21 06:30	
EPA 9320	Radium-228	1.56 ± 0.874 (1.56) C:60% T:85%	pCi/L		10/07/21 19:45	
Total Radium Calculation	Total Radium	4.35 ± 1.43 (1.90)	pCi/L		10/29/21 15:10	
92563306009	**GWC-12**					
EPA 9315	Radium-226	0.806 ± 0.234 (0.208) C:98% T:NA	pCi/L		10/29/21 06:30	

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(770)734-4200

SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563306009	**GWC-12**					
EPA 9320	Radium-228	0.429 ± 0.739 (1.61) C:60% T:92%	pCi/L		10/07/21 19:45	
Total Radium Calculation	Total Radium	1.24 ± 0.973 (1.82)	pCi/L		10/29/21 15:10	
92563306010	**GWC-13**					
EPA 9315	Radium-226	0.740 ± 0.227 (0.186) C:94% T:NA	pCi/L		10/29/21 06:31	
EPA 9320	Radium-228	1.35 ± 0.926 (1.78) C:61% T:83%	pCi/L		10/07/21 19:45	
Total Radium Calculation	Total Radium	2.09 ± 1.15 (1.97)	pCi/L		10/29/21 15:10	
92563306011	**GWC-22**					
EPA 9315	Radium-226	0.753 ± 0.233 (0.205) C:92% T:NA	pCi/L		10/29/21 06:31	
EPA 9320	Radium-228	0.501 ± 0.782 (1.69) C:63% T:82%	pCi/L		10/07/21 19:46	
Total Radium Calculation	Total Radium	1.25 ± 1.02 (1.90)	pCi/L		10/29/21 15:10	
92563306012	**FB-1**					
EPA 9315	Radium-226	-0.0135 ± 0.0670 (0.196) C:97% T:NA	pCi/L		10/29/21 06:31	
EPA 9320	Radium-228	0.230 ± 0.808 (1.82) C:60% T:89%	pCi/L		10/07/21 19:46	
Total Radium Calculation	Total Radium	0.230 ± 0.875 (2.02)	pCi/L		10/29/21 15:10	
92563306013	**GWC-2**					
EPA 9315	Radium-226	0.146 ± 0.110 (0.194) C:96% T:NA	pCi/L		10/29/21 06:35	

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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563306013	**GWC-2**					
EPA 9320	Radium-228	0.623 ± 0.708 (1.48) C:60% T:91%	pCi/L		10/07/21 19:46	
Total Radium Calculation	Total Radium	0.769 ± 0.818 (1.67)	pCi/L		10/29/21 15:10	
92563306014	**GWC-9**					
EPA 9315	Radium-226	0.874 ± 0.240 (0.152) C:95% T:NA	pCi/L		10/29/21 06:35	
EPA 9320	Radium-228	1.21 ± 0.948 (1.89) C:58% T:88%	pCi/L		10/07/21 19:45	
Total Radium Calculation	Total Radium	2.08 ± 1.19 (2.04)	pCi/L		10/29/21 15:10	
92563306015	**GWC-14**					
EPA 9315	Radium-226	0.342 ± 0.167 (0.261) C:100% T:NA	pCi/L		10/29/21 06:36	
EPA 9320	Radium-228	1.60 ± 0.944 (1.76) C:62% T:85%	pCi/L		10/07/21 19:45	
Total Radium Calculation	Total Radium	1.94 ± 1.11 (2.02)	pCi/L		10/29/21 15:10	
92563306016	**GWC-16**					
EPA 9315	Radium-226	1.34 ± 0.319 (0.189) C:101% T:NA	pCi/L		10/29/21 06:36	
EPA 9320	Radium-228	1.72 ± 0.865 (1.51) C:65% T:89%	pCi/L		10/07/21 19:45	
Total Radium Calculation	Total Radium	3.06 ± 1.18 (1.70)	pCi/L		10/29/21 15:10	
92563306017	**GWC-17**					
EPA 9315	Radium-226	0.987 ± 0.283 (0.309) C:97% T:NA	pCi/L		10/29/21 06:36	

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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563306017	**GWC-17**					
EPA 9320	Radium-228	1.37 ± 0.835 (1.56) C:64% T:91%	pCi/L		10/07/21 19:45	
Total Radium Calculation	Total Radium	2.36 ± 1.12 (1.87)	pCi/L		10/29/21 15:10	
92563306018	**GWC-20**					
EPA 9315	Radium-226	2.30 ± 0.457 (0.172) C:103% T:NA	pCi/L		11/08/21 15:32	
EPA 9320	Radium-228	4.54 ± 1.31 (1.58) C:64% T:92%	pCi/L		10/07/21 19:45	
Total Radium Calculation	Total Radium	6.84 ± 1.77 (1.75)	pCi/L		11/10/21 10:17	
92563306019	**GWC-21**					
EPA 9315	Radium-226	0.378 ± 0.161 (0.204) C:96% T:NA	pCi/L		10/29/21 06:36	
EPA 9320	Radium-228	0.581 ± 0.409 (0.789) C:67% T:87%	pCi/L		10/13/21 14:05	
Total Radium Calculation	Total Radium	0.959 ± 0.570 (0.993)	pCi/L		10/29/21 15:10	
92563306020	**MW-23D**					
EPA 9315	Radium-226	0.539 ± 0.190 (0.198) C:92% T:NA	pCi/L		10/29/21 06:36	
EPA 9320	Radium-228	0.858 ± 0.470 (0.842) C:67% T:82%	pCi/L		10/13/21 14:05	
Total Radium Calculation	Total Radium	1.40 ± 0.660 (1.04)	pCi/L		10/29/21 15:10	
92563306021	**MW-24D**					
EPA 9315	Radium-226	0.305 ± 0.167 (0.283) C:96% T:NA	pCi/L		10/29/21 06:36	

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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563306021	**MW-24D**					
EPA 9320	Radium-228	0.677 ± 0.470 (0.908) C:64% T:83%	pCi/L		10/13/21 14:05	
Total Radium Calculation	Total Radium	0.982 ± 0.637 (1.19)	pCi/L		10/29/21 15:10	
92563306022	**MW-25D**					
EPA 9315	Radium-226	0.257 ± 0.145 (0.225) C:94% T:NA	pCi/L		10/29/21 06:36	
EPA 9320	Radium-228	0.896 ± 0.415 (0.682) C:69% T:87%	pCi/L		10/13/21 14:05	
Total Radium Calculation	Total Radium	1.15 ± 0.560 (0.907)	pCi/L		10/29/21 15:10	
92563306023	**GWC-1**					
EPA 9315	Radium-226	0.503 ± 0.185 (0.207) C:95% T:NA	pCi/L		10/29/21 06:36	
EPA 9320	Radium-228	0.976 ± 0.458 (0.766) C:69% T:85%	pCi/L		10/13/21 14:05	
Total Radium Calculation	Total Radium	1.48 ± 0.643 (0.973)	pCi/L		10/29/21 15:10	
92563306024	**GWC-15**					
EPA 9315	Radium-226	0.535 ± 0.198 (0.241) C:94% T:NA	pCi/L		10/29/21 06:36	
EPA 9320	Radium-228	1.10 ± 0.489 (0.815) C:67% T:91%	pCi/L		10/13/21 14:05	
Total Radium Calculation	Total Radium	1.64 ± 0.687 (1.06)	pCi/L		10/29/21 15:10	
92563306025	**EB-1**					
EPA 9315	Radium-226	0.0443 ± 0.0907 (0.211) C:99% T:NA	pCi/L		10/29/21 06:36	

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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563306025	**EB-1**					
EPA 9320	Radium-228	0.518 ± 0.400 (0.785) C:65% T:91%	pCi/L		10/13/21 14:10	
Total Radium Calculation	Total Radium	0.562 ± 0.491 (0.996)	pCi/L		10/29/21 15:10	
92563306026	**DUP-1**					
EPA 9315	Radium-226	1.36 ± 0.334 (0.203) C:98% T:NA	pCi/L		10/26/21 08:06	
EPA 9320	Radium-228	1.66 ± 0.525 (0.637) C:71% T:88%	pCi/L		10/13/21 14:04	
Total Radium Calculation	Total Radium	3.02 ± 0.859 (0.840)	pCi/L		10/26/21 16:00	
92563306027	**EB-2**					
EPA 9315	Radium-226	-0.0218 ± 0.0879 (0.246) C:99% T:NA	pCi/L		10/26/21 08:07	
EPA 9320	Radium-228	0.512 ± 0.440 (0.894) C:67% T:93%	pCi/L		10/13/21 14:11	
Total Radium Calculation	Total Radium	0.512 ± 0.528 (1.14)	pCi/L		10/26/21 16:00	
92563306028	**FB-2**					
EPA 9315	Radium-226	0.0848 ± 0.107 (0.226) C:94% T:NA	pCi/L		10/26/21 08:07	
EPA 9320	Radium-228	0.276 ± 0.402 (0.865) C:69% T:85%	pCi/L		10/13/21 14:11	
Total Radium Calculation	Total Radium	0.361 ± 0.509 (1.09)	pCi/L		10/26/21 16:00	
92563306029	**DUP-2**					
EPA 9315	Radium-226	0.269 ± 0.145 (0.223) C:97% T:NA	pCi/L		10/26/21 08:08	

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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563306029	**DUP-2**					
EPA 9320	Radium-228	0.764 ± 0.476 (0.896) C:66% T:84%	pCi/L		10/13/21 14:11	
Total Radium Calculation	Total Radium	1.03 ± 0.621 (1.12)	pCi/L		10/26/21 16:00	
92563306030	**EB-3**					
EPA 9315	Radium-226	0.0454 ± 0.114 (0.270) C:94% T:NA	pCi/L		10/26/21 08:08	
EPA 9320	Radium-228	1.13 ± 0.553 (0.970) C:68% T:80%	pCi/L		10/13/21 14:11	
Total Radium Calculation	Total Radium	1.18 ± 0.667 (1.24)	pCi/L		10/26/21 16:00	
92563306031	**FB-3**					
EPA 9315	Radium-226	0.0756 ± 0.104 (0.223) C:94% T:NA	pCi/L		10/26/21 08:08	
EPA 9320	Radium-228	0.189 ± 0.412 (0.911) C:67% T:85%	pCi/L		10/13/21 14:11	
Total Radium Calculation	Total Radium	0.265 ± 0.516 (1.13)	pCi/L		10/26/21 16:00	
92563306032	**DUP-3**					
EPA 9315	Radium-226	0.284 ± 0.145 (0.210) C:94% T:NA	pCi/L		10/26/21 08:10	
EPA 9320	Radium-228	1.14 ± 0.513 (0.860) C:67% T:87%	pCi/L		10/13/21 14:11	
Total Radium Calculation	Total Radium	1.42 ± 0.658 (1.07)	pCi/L		10/26/21 16:00	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWA-7 **Lab ID: 92563306001** Collected: 09/21/21 09:55 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**1.29 ± 0.687 (1.14) C:96% T:NA**	pCi/L	10/29/21 06:53	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**8.96 ± 1.89 (1.23) C:62% T:91%**	pCi/L	10/07/21 14:30	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**10.3 ± 2.58 (2.37)**	pCi/L	10/29/21 15:19	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWB-4R **Lab ID: 92563306002** Collected: 09/21/21 14:45 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**1.14 ± 0.298 (0.257)** **C:94% T:NA**	pCi/L	10/29/21 06:54	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.31 ± 0.657 (1.19)** **C:60% T:92%**	pCi/L	10/07/21 14:30	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.45 ± 0.955 (1.45)**	pCi/L	10/29/21 15:19	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWB-5R **Lab ID: 92563306003** Collected: 09/21/21 12:35 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**1.92 ± 0.408 (0.196) C:98% T:NA**	pCi/L	10/29/21 06:54	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.18 ± 0.825 (1.59) C:64% T:89%**	pCi/L	10/07/21 19:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**3.10 ± 1.23 (1.79)**	pCi/L	10/29/21 15:19	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWB-6R **Lab ID: 92563306004** Collected: 09/21/21 11:15 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**1.81 ± 0.747 (0.944) C:87% T:NA**	pCi/L	10/29/21 06:54	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**3.26 ± 1.15 (1.65) C:66% T:89%**	pCi/L	10/07/21 19:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**5.07 ± 1.90 (2.59)**	pCi/L	10/29/21 15:19	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: MW-26D **Lab ID: 92563306005** Collected: 09/21/21 13:45 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.452 ± 0.190 (0.190) C:96% T:NA**	pCi/L	10/19/21 09:31	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.363 ± 0.724 (1.59) C:62% T:87%**	pCi/L	10/07/21 19:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.815 ± 0.914 (1.78)**	pCi/L	10/20/21 17:24	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: MW-27D **Lab ID: 92563306006** Collected: 09/21/21 16:15 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.423 ± 0.177 (0.246)** **C:97% T:NA**	pCi/L	10/29/21 06:54	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.170 ± 0.808 (1.83)** **C:63% T:89%**	pCi/L	10/07/21 19:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.593 ± 0.985 (2.08)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWA-8 **Lab ID: 92563306007** Collected: 09/21/21 09:45 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.730 ± 0.250 (0.323) C:84% T:NA**	pCi/L	10/29/21 06:55	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**-0.133 ± 0.655 (1.57) C:64% T:81%**	pCi/L	10/07/21 19:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.730 ± 0.905 (1.89)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWC-11 **Lab ID: 92563306008** Collected: 09/21/21 12:40 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**2.79 ± 0.551 (0.339) C:97% T:NA**	pCi/L	10/29/21 06:30	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.56 ± 0.874 (1.56) C:60% T:85%**	pCi/L	10/07/21 19:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**4.35 ± 1.43 (1.90)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWC-12 **Lab ID: 92563306009** Collected: 09/21/21 10:57 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.806 ± 0.234 (0.208)** **C:98% T:NA**	pCi/L	10/29/21 06:30	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.429 ± 0.739 (1.61)** **C:60% T:92%**	pCi/L	10/07/21 19:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.24 ± 0.973 (1.82)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWC-13 **Lab ID: 92563306010** Collected: 09/21/21 16:20 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.740 ± 0.227 (0.186)** **C:94% T:NA**	pCi/L	10/29/21 06:31	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.35 ± 0.926 (1.78)** **C:61% T:83%**	pCi/L	10/07/21 19:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.09 ± 1.15 (1.97)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWC-22 **Lab ID: 92563306011** Collected: 09/21/21 14:00 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.753 ± 0.233 (0.205) C:92% T:NA**	pCi/L	10/29/21 06:31	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.501 ± 0.782 (1.69) C:63% T:82%**	pCi/L	10/07/21 19:46	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.25 ± 1.02 (1.90)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: FB-1 **Lab ID: 92563306012** Collected: 09/21/21 09:45 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**-0.0135 ± 0.0670 (0.196) C:97% T:NA**	pCi/L	10/29/21 06:31	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.230 ± 0.808 (1.82) C:60% T:89%**	pCi/L	10/07/21 19:46	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.230 ± 0.875 (2.02)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWC-2 **Lab ID: 92563306013** Collected: 09/22/21 14:38 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.146 ± 0.110 (0.194)** **C:96% T:NA**	pCi/L	10/29/21 06:35	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.623 ± 0.708 (1.48)** **C:60% T:91%**	pCi/L	10/07/21 19:46	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.769 ± 0.818 (1.67)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWC-9 **Lab ID: 92563306014** Collected: 09/22/21 13:03 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.874 ± 0.240 (0.152)** **C:95% T:NA**	pCi/L	10/29/21 06:35	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.21 ± 0.948 (1.89)** **C:58% T:88%**	pCi/L	10/07/21 19:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.08 ± 1.19 (2.04)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWC-14 **Lab ID: 92563306015** Collected: 09/22/21 16:10 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.342 ± 0.167 (0.261) C:100% T:NA**	pCi/L	10/29/21 06:36	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.60 ± 0.944 (1.76) C:62% T:85%**	pCi/L	10/07/21 19:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.94 ± 1.11 (2.02)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWC-16 **Lab ID: 92563306016** Collected: 09/22/21 11:00 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**1.34 ± 0.319 (0.189) C:101% T:NA**	pCi/L	10/29/21 06:36	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.72 ± 0.865 (1.51) C:65% T:89%**	pCi/L	10/07/21 19:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**3.06 ± 1.18 (1.70)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWC-17 **Lab ID: 92563306017** Collected: 09/22/21 12:00 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.987 ± 0.283 (0.309)** **C:97% T:NA**	pCi/L	10/29/21 06:36	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.37 ± 0.835 (1.56)** **C:64% T:91%**	pCi/L	10/07/21 19:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**2.36 ± 1.12 (1.87)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWC-20 **Lab ID: 92563306018** Collected: 09/22/21 14:05 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**2.30 ± 0.457 (0.172) C:103% T:NA**	pCi/L	11/08/21 15:32	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**4.54 ± 1.31 (1.58) C:64% T:92%**	pCi/L	10/07/21 19:45	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**6.84 ± 1.77 (1.75)**	pCi/L	11/10/21 10:17	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWC-21 **Lab ID: 92563306019** Collected: 09/22/21 09:40 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.378 ± 0.161 (0.204) C:96% T:NA**	pCi/L	10/29/21 06:36	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.581 ± 0.409 (0.789) C:67% T:87%**	pCi/L	10/13/21 14:05	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.959 ± 0.570 (0.993)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: MW-23D **Lab ID: 92563306020** Collected: 09/22/21 16:00 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.539 ± 0.190 (0.198) C:92% T:NA**	pCi/L	10/29/21 06:36	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.858 ± 0.470 (0.842) C:67% T:82%**	pCi/L	10/13/21 14:05	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.40 ± 0.660 (1.04)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: MW-24D **Lab ID: 92563306021** Collected: 09/22/21 12:25 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.305 ± 0.167 (0.283) C:96% T:NA**	pCi/L	10/29/21 06:36	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.677 ± 0.470 (0.908) C:64% T:83%**	pCi/L	10/13/21 14:05	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.982 ± 0.637 (1.19)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: MW-25D **Lab ID: 92563306022** Collected: 09/23/21 10:05 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.257 ± 0.145 (0.225) C:94% T:NA**	pCi/L	10/29/21 06:36	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.896 ± 0.415 (0.682) C:69% T:87%**	pCi/L	10/13/21 14:05	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.15 ± 0.560 (0.907)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWC-1 **Lab ID: 92563306023** Collected: 09/23/21 09:10 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.503 ± 0.185 (0.207) C:95% T:NA**	pCi/L	10/29/21 06:36	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.976 ± 0.458 (0.766) C:69% T:85%**	pCi/L	10/13/21 14:05	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.48 ± 0.643 (0.973)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: GWC-15 **Lab ID: 92563306024** Collected: 09/23/21 08:55 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.535 ± 0.198 (0.241) C:94% T:NA**	pCi/L	10/29/21 06:36	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.10 ± 0.489 (0.815) C:67% T:91%**	pCi/L	10/13/21 14:05	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.64 ± 0.687 (1.06)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: EB-1 **Lab ID: 92563306025** Collected: 09/21/21 11:25 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.0443 ± 0.0907 (0.211) C:99% T:NA**	pCi/L	10/29/21 06:36	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.518 ± 0.400 (0.785) C:65% T:91%**	pCi/L	10/13/21 14:10	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.562 ± 0.491 (0.996)**	pCi/L	10/29/21 15:10	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: DUP-1 **Lab ID: 92563306026** Collected: 09/21/21 00:00 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**1.36 ± 0.334 (0.203) C:98% T:NA**	pCi/L	10/26/21 08:06	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.66 ± 0.525 (0.637) C:71% T:88%**	pCi/L	10/13/21 14:04	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**3.02 ± 0.859 (0.840)**	pCi/L	10/26/21 16:00	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: EB-2 **Lab ID: 92563306027** Collected: 09/22/21 08:45 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**-0.0218 ± 0.0879 (0.246) C:99% T:NA**	pCi/L	10/26/21 08:07	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.512 ± 0.440 (0.894) C:67% T:93%**	pCi/L	10/13/21 14:11	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.512 ± 0.528 (1.14)**	pCi/L	10/26/21 16:00	7440-14-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: FB-2 **Lab ID: 92563306028** Collected: 09/22/21 12:40 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.0848 ± 0.107 (0.226)** **C:94% T:NA**	pCi/L	10/26/21 08:07	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.276 ± 0.402 (0.865)** **C:69% T:85%**	pCi/L	10/13/21 14:11	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.361 ± 0.509 (1.09)**	pCi/L	10/26/21 16:00	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: DUP-2 **Lab ID: 92563306029** Collected: 09/22/21 00:00 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.269 ± 0.145 (0.223) C:97% T:NA**	pCi/L	10/26/21 08:08	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.764 ± 0.476 (0.896) C:66% T:84%**	pCi/L	10/13/21 14:11	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.03 ± 0.621 (1.12)**	pCi/L	10/26/21 16:00	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: EB-3 **Lab ID: 92563306030** Collected: 09/23/21 09:00 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.0454 ± 0.114 (0.270)** **C:94% T:NA**	pCi/L	10/26/21 08:08	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.13 ± 0.553 (0.970)** **C:68% T:80%**	pCi/L	10/13/21 14:11	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.18 ± 0.667 (1.24)**	pCi/L	10/26/21 16:00	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: FB-3 **Lab ID: 92563306031** Collected: 09/22/21 13:15 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.0756 ± 0.104 (0.223)** **C:94% T:NA**	pCi/L	10/26/21 08:08	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.189 ± 0.412 (0.911)** **C:67% T:85%**	pCi/L	10/13/21 14:11	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.265 ± 0.516 (1.13)**	pCi/L	10/26/21 16:00	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Sample: DUP-3 **Lab ID: 92563306032** Collected: 09/22/21 00:00 Received: 09/24/21 09:18 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.284 ± 0.145 (0.210) C:94% T:NA**	pCi/L	10/26/21 08:10	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.14 ± 0.513 (0.860) C:67% T:87%**	pCi/L	10/13/21 14:11	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.42 ± 0.658 (1.07)**	pCi/L	10/26/21 16:00	7440-14-4	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

QC Batch: 466957 | Analysis Method: EPA 9315
QC Batch Method: EPA 9315 | Analysis Description: 9315 Total Radium
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 92563306001, 92563306002, 92563306003, 92563306004, 92563306005

METHOD BLANK: 2255015 | Matrix: Water
Associated Lab Samples: 92563306001, 92563306002, 92563306003, 92563306004, 92563306005

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.0260 ± 0.142 (0.353) C:102% T:NA	pCi/L	10/19/21 08:55	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

QC Batch: 466416 | Analysis Method: EPA 9320
QC Batch Method: EPA 9320 | Analysis Description: 9320 Radium 228
Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 92563306019, 92563306020, 92563306021, 92563306022, 92563306023, 92563306024, 92563306025, 92563306026, 92563306027, 92563306028, 92563306029, 92563306030, 92563306031, 92563306032

METHOD BLANK: 2252287 | Matrix: Water

Associated Lab Samples: 92563306019, 92563306020, 92563306021, 92563306022, 92563306023, 92563306024, 92563306025, 92563306026, 92563306027, 92563306028, 92563306029, 92563306030, 92563306031, 92563306032

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.590 ± 0.393 (0.739) C:68% T:79%	pCi/L	10/13/21 14:18	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

QC Batch: 466960 | Analysis Method: EPA 9315
QC Batch Method: EPA 9315 | Analysis Description: 9315 Total Radium
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 92563306026, 92563306027, 92563306028, 92563306029, 92563306030, 92563306031, 92563306032

METHOD BLANK: 2255021 | Matrix: Water
Associated Lab Samples: 92563306026, 92563306027, 92563306028, 92563306029, 92563306030, 92563306031, 92563306032

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	-0.00590 ± 0.0681 (0.193) C:98% T:NA	pCi/L	10/26/21 08:06	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

QC Batch: 466958 | Analysis Method: EPA 9315
QC Batch Method: EPA 9315 | Analysis Description: 9315 Total Radium
Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 92563306006, 92563306007, 92563306008, 92563306009, 92563306010, 92563306011, 92563306012, 92563306013, 92563306014, 92563306015, 92563306016, 92563306017, 92563306018, 92563306019, 92563306020, 92563306021, 92563306022, 92563306023, 92563306024, 92563306025

METHOD BLANK: 2255017 | Matrix: Water

Associated Lab Samples: 92563306006, 92563306007, 92563306008, 92563306009, 92563306010, 92563306011, 92563306012, 92563306013, 92563306014, 92563306015, 92563306016, 92563306017, 92563306018, 92563306019, 92563306020, 92563306021, 92563306022, 92563306023, 92563306024, 92563306025

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	-0.00458 ± 0.0824 (0.220) C:98% T:NA	pCi/L	10/29/21 06:54	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

QC Batch: 466414 | Analysis Method: EPA 9320
QC Batch Method: EPA 9320 | Analysis Description: 9320 Radium 228
Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 92563306001, 92563306002, 92563306003, 92563306004, 92563306005, 92563306006, 92563306007, 92563306008, 92563306009, 92563306010, 92563306011, 92563306012, 92563306013, 92563306014, 92563306015, 92563306016, 92563306017, 92563306018

METHOD BLANK: 2252282 | Matrix: Water

Associated Lab Samples: 92563306001, 92563306002, 92563306003, 92563306004, 92563306005, 92563306006, 92563306007, 92563306008, 92563306009, 92563306010, 92563306011, 92563306012, 92563306013, 92563306014, 92563306015, 92563306016, 92563306017, 92563306018

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.518 ± 0.384 (0.750) C:67% T:88%	pCi/L	10/07/21 11:23	

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QUALIFIERS

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: SDWA = 1.96 sigma count uncertainty, all other matrices = Expanded Uncertainty (95% confidence interval). Gamma Spec = Expanded Uncertainty (95.4% Confidence Interval)

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92563306001	**GWA-7**	EPA 9315	466957		
92563306002	**GWB-4R**	EPA 9315	466957		
92563306003	**GWB-5R**	EPA 9315	466957		
92563306004	**GWB-6R**	EPA 9315	466957		
92563306005	**MW-26D**	EPA 9315	466957		
92563306006	**MW-27D**	EPA 9315	466958		
92563306007	**GWA-8**	EPA 9315	466958		
92563306008	**GWC-11**	EPA 9315	466958		
92563306009	**GWC-12**	EPA 9315	466958		
92563306010	**GWC-13**	EPA 9315	466958		
92563306011	**GWC-22**	EPA 9315	466958		
92563306012	**FB-1**	EPA 9315	466958		
92563306013	**GWC-2**	EPA 9315	466958		
92563306014	**GWC-9**	EPA 9315	466958		
92563306015	**GWC-14**	EPA 9315	466958		
92563306016	**GWC-16**	EPA 9315	466958		
92563306017	**GWC-17**	EPA 9315	466958		
92563306018	**GWC-20**	EPA 9315	466958		
92563306019	**GWC-21**	EPA 9315	466958		
92563306020	**MW-23D**	EPA 9315	466958		
92563306021	**MW-24D**	EPA 9315	466958		
92563306022	**MW-25D**	EPA 9315	466958		
92563306023	**GWC-1**	EPA 9315	466958		
92563306024	**GWC-15**	EPA 9315	466958		
92563306025	**EB-1**	EPA 9315	466958		
92563306026	**DUP-1**	EPA 9315	466960		
92563306027	**EB-2**	EPA 9315	466960		
92563306028	**FB-2**	EPA 9315	466960		
92563306029	**DUP-2**	EPA 9315	466960		
92563306030	**EB-3**	EPA 9315	466960		
92563306031	**FB-3**	EPA 9315	466960		
92563306032	**DUP-3**	EPA 9315	466960		
92563306001	**GWA-7**	EPA 9320	466414		
92563306002	**GWB-4R**	EPA 9320	466414		
92563306003	**GWB-5R**	EPA 9320	466414		
92563306004	**GWB-6R**	EPA 9320	466414		
92563306005	**MW-26D**	EPA 9320	466414		
92563306006	**MW-27D**	EPA 9320	466414		
92563306007	**GWA-8**	EPA 9320	466414		
92563306008	**GWC-11**	EPA 9320	466414		
92563306009	**GWC-12**	EPA 9320	466414		
92563306010	**GWC-13**	EPA 9320	466414		
92563306011	**GWC-22**	EPA 9320	466414		
92563306012	**FB-1**	EPA 9320	466414		
92563306013	**GWC-2**	EPA 9320	466414		
92563306014	**GWC-9**	EPA 9320	466414		
92563306015	**GWC-14**	EPA 9320	466414		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92563306016	**GWC-16**	EPA 9320	466414		
92563306017	**GWC-17**	EPA 9320	466414		
92563306018	**GWC-20**	EPA 9320	466414		
92563306019	**GWC-21**	EPA 9320	466416		
92563306020	**MW-23D**	EPA 9320	466416		
92563306021	**MW-24D**	EPA 9320	466416		
92563306022	**MW-25D**	EPA 9320	466416		
92563306023	**GWC-1**	EPA 9320	466416		
92563306024	**GWC-15**	EPA 9320	466416		
92563306025	**EB-1**	EPA 9320	466416		
92563306026	**DUP-1**	EPA 9320	466416		
92563306027	**EB-2**	EPA 9320	466416		
92563306028	**FB-2**	EPA 9320	466416		
92563306029	**DUP-2**	EPA 9320	466416		
92563306030	**EB-3**	EPA 9320	466416		
92563306031	**FB-3**	EPA 9320	466416		
92563306032	**DUP-3**	EPA 9320	466416		
92563306001	**GWA-7**	Total Radium Calculation	470463		
92563306002	**GWB-4R**	Total Radium Calculation	470463		
92563306003	**GWB-5R**	Total Radium Calculation	470463		
92563306004	**GWB-6R**	Total Radium Calculation	470463		
92563306005	**MW-26D**	Total Radium Calculation	469112		
92563306006	**MW-27D**	Total Radium Calculation	470456		
92563306007	**GWA-8**	Total Radium Calculation	470456		
92563306008	**GWC-11**	Total Radium Calculation	470456		
92563306009	**GWC-12**	Total Radium Calculation	470456		
92563306010	**GWC-13**	Total Radium Calculation	470456		
92563306011	**GWC-22**	Total Radium Calculation	470456		
92563306012	**FB-1**	Total Radium Calculation	470456		
92563306013	**GWC-2**	Total Radium Calculation	470456		
92563306014	**GWC-9**	Total Radium Calculation	470456		
92563306015	**GWC-14**	Total Radium Calculation	470456		
92563306016	**GWC-16**	Total Radium Calculation	470456		
92563306017	**GWC-17**	Total Radium Calculation	470456		
92563306018	**GWC-20**	Total Radium Calculation	471976		
92563306019	**GWC-21**	Total Radium Calculation	470456		
92563306020	**MW-23D**	Total Radium Calculation	470456		
92563306021	**MW-24D**	Total Radium Calculation	470456		
92563306022	**MW-25D**	Total Radium Calculation	470456		
92563306023	**GWC-1**	Total Radium Calculation	470456		
92563306024	**GWC-15**	Total Radium Calculation	470456		
92563306025	**EB-1**	Total Radium Calculation	470456		
92563306026	**DUP-1**	Total Radium Calculation	469889		
92563306027	**EB-2**	Total Radium Calculation	469889		
92563306028	**FB-2**	Total Radium Calculation	469889		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GRUMMAN ROAD LANDFILL RADS
Pace Project No.: 92563306

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92563306029	**DUP-2**	Total Radium Calculation	469889		
92563306030	**EB-3**	Total Radium Calculation	469889		
92563306031	**FB-3**	Total Radium Calculation	469889		
92563306032	**DUP-3**	Total Radium Calculation	469889		

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Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 1 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☑ Kernersville ☐

Sample Condition Upon Receipt

Client Name: GA power

Project #: WO# : 92563306

92563306

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace ☐ Other: ____

Custody Seal Present? ☐ Yes ☑ No **Seals Intact?** ☐ Yes ☑ No

Date/Initials Person Examining Contents: MS 9/24/

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☑ Other

Biological Tissue Frozen? ☐ Yes ☑ No ☐ N/A

Thermometer: ☐ IR Gun ID: 230 ☑ IR ☐ Blue ☐ None

Type of Ice:

Cooler Temp: 5.3 **Correction Factor: Add/Subtract (°C)** ±0.1

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 5.4

USDA Regulated Soil (☐ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☑ No

Did samples originate from a foreign source (international shipments including Hawaii and Puerto Rico)? ☐ Yes ☑ No

					Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.	
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.	
Short Hold Time Analysis (<72 hr.)?	☐ Yes	☑ No	☐ N/A	3.	
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.	
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.	
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.	
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A		
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.	
Dissolved analysis: Samples Field Filtered?	☑ Yes	☐ No	☐ N/A	8.	
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	9.	
-Includes Date/Time/ID/Analysis Matrix: GW					
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☐ No	☑ N/A	10.	
Trip Blank Present?	☐ Yes	☐ No	☑ N/A	11.	
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☑ N/A		

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers: ____

CLIENT NOTIFICATION/RESOLUTION

Person contacted: ____ Date/Time: ____

Project Manager SCURF Review: ____ **Date:** ____

Project Manager SRF Review: ____ **Date:** ____

Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 2 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Quality Assurance Manager

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LL-Hg

****Bottom half of box is to list number of bottles**

Project # **WO# : 92563306**

PM: NHG Due Date: 10/15/21

CLIENT: GA-GA Power

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (CI-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP6N-125 mL Plastic H2SO4 (pH < 2) (CI-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (CI-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (CI-)	AG1H-1 liter Amber HCl (pH < 2)	AG2U-250 mL Amber Unpreserved (N/A) (CI-)	AG1N-1 liter Amber H2SO4 (pH < 2)	AG5N-250 mL Amber H2SO4 (pH < 2)	AG1S(DG)-250 mL Amber NaHSO3 (N/A)(CI-)	DG9H-40 mL VOA HCl (N/A)	VG9U-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9M-40 mL VOA KHSO4 (N/A)	VG4X (6 vials per kit)-VOA Col Ins (N/A)	VJ5N (3 vials per kit)-VOA Col Ins (N/A)	SP5T-125 mL Sterile Plastic (N/A - Tbl)	SP2T-250 mL Sterile Plastic (N/A - Tbl)	[illegible]	BP3N-250 mL Plastic (NaOH/ZnOH) (>9 - F-, Cl-)	AG0U-100 mL Amber Unpreserved vials (N/A)	VG0U-40 mL Sulfamic vials (N/A)	DG0U-40 mL Amber Unpreserved vials (N/A)
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 2 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, Lt/Hg

****Bottom half of box is to list number of bottles**

Project # **WO# : 92563306**

PM: NMG Due Date: 10/15/21

CLIENT: GA-GA Power

Item	BP4U-125 ml Plastic Unpreserved (N/A) (O-)	BP2U-250 ml Plastic Unpreserved (N/A)	BP3U-500 ml Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 ml Plastic H2SO4 (pH < 2) (O-)	BP3N-250 ml plastic HNO3 (pH < 2)	BP4Z-125 ml Plastic Zn Acetate & NaOH (>9)	BP4C-125 ml Plastic NaOH (pH > 12) (O-)	VG9U-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (O-)	AG1H-1 liter Amber HCl (pH < 2)	AG5U-250 ml Amber Unpreserved (N/A) (O-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-500 ml Amber H2SO4 (pH < 2)	AG3A(DG3A)-125 ml Amber NaHSO (N/A)(O-)	DG9H-40 ml VOA HCl (N/A)	VG9T-40 ml VOA Na2S2O3 (N/A)	VG9U-40 ml VOA Unp (N/A)	DG9P-40 ml VOA H3PO4 (N/A)	VG9A (6 vials per kit)-5035 kit (N/A)	VG9D (3 vials per kit)-5035Low kit (N/A)	SP5T-125 ml Sterile Plastic (N/A – Tab)	SP2T-250 ml Sterile Plastic (N/A – Tab)	[illegible]	BP1N-250 ml Plastic (NH4)2SO4 (5.3-6.7)	AG0U-500 ml Amber Unpreserved vials (N/A)	VG0U-20 ml Scintillation vials (N/A)	DG0Q-40 ml Amber Unpreserved vials (N/A)
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 2 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, Lr/rg

****Bottom half of box is to list number of bottles**

Project # **WO# : 92563306**

PM: NHG Due Date: 10/15/21

CLIENT: GA-GA Power

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (D-)	BP4U-250 mL Plastic Unpreserved (N/A)	BP6U-500 mL Plastic Unpreserved (N/A)	BP3U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP6N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG4U-1 liter Amber HCl (pH < 2)	AG5U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG5S-250 mL Amber H2SO4 (pH < 2)	AG3S(DG18)-250 mL Amber H2SO4 (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Only (N/A)	DG9B-40 mL VOA NaHSO4 (N/A)	VG4A [4-vials per bkg-NaHSO4] (N/A)	VG4X [3-vials per bkg-Vit-C/Gen Int (N/A)	SP5T-125 mL Sterile Plastic (N/A – Int)	SP5T-250 mL Sterile Plastic (N/A – Int)	[illegible]	BP3A-250 mL Plastic (NH3)2SO4 (N/A-?)	AG0A-100 mL Amber Unpreserved vials (N/A)	VG0U-20 mL Sonication vials (N/A)	DG0Q-40 mL Amber Dispensed vials (N/A)
1																												
2																												
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace Analytical™
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

1 of 4

Page: 1 of 5 (15)

Section A Required Client Information:
Company: GA Power
Address: Atlanta, GA
Email To: SCS Contacts
Phone: Fax:
Requested Due Date/TAT: 10 day

Section B Required Project Information:
Report To: SCS Contacts
Copy To: ACC Contacts
Purchase Order No.:
Project Name: Grumman Road Landfill
Project Number:

Section C Invoice Information:
Attention: Southern Co.
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Kevin Herring
Pace Profile #: 10843

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☒ OTHER
Site Location STATE: GA

Section D Required Client Information — Valid Matrix Codes: WATER, WASTE WATER, PRODUCT, SOLID/SOIL, OIL, WIPE, AIR, OTHER, TISSUE

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start Date	Composite Start Time	Composite Endpoint Date	Composite Endpoint Time	Sample Temp at Collection	# of Containers	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$NaHSO_4$	Methanol	Other	Analysis Test	Requested Analysis Filtered (Y/N)					Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	GWA-7	GW	G	9/21/21	955	—	—		5	✓		✓							✓	✓	✓	✓			Field pH = 6.03
2	GWB-4R	GW	G	9/21/21	1145	—	—		5	✓		✓							✓	✓	✓	✓			Field pH = 5.78
3	GWB-5R	GW	G	9/21/21	1235	—	—		4	✓		✓							A	✓	✓	✓			Field pH = 4.48
4	GWB-10R	GW	G	9/21/21	1115	—	—		5	✓		✓							✓	✓	✓	✓			Field pH = 5.90
5	MW-26D	GW	G	9/21/21	1045	—	—		5	✓		✓							✓	✓	✓	✓			Field pH = 5.35
6	MW-27D	GW	G	9/21/21	1145	—	—		5	✓		✓							✓	✓	✓	✓			Field pH = 5.97
7	GWA-8	GW	G	9/21/21	945	—	—		5	✓		✓							✓	✓	✓	✓			Field pH = 4.44
8	GWC-11	GW	G	9/21/21	1240	—	—		5	✓		✓							✓	✓	✓	✓			Field pH = 4.92
9	GWC-12	GW	G	9/21/21	1057	—	—		5	✓		✓							✓	✓	✓	✓			Field pH = 4.85
10	GWC-13	GW	G	9/21/21	1520	—	—		5	✓		✓							✓	✓	✓	✓			Field pH = 4.33
11	GWC-22	GW	G	9/21/21	1400	—	—		5	✓		✓							✓	✓	✓	✓			Field pH = 4.72
12	FB-1	GW	G	9/21/21	945	—	—		5	✓		✓							✓	✓	✓	✓			Field pH = NA

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Please note when the last sample for the event has been taken	[signature]	9/29/21	0918	[signature]	9/29	0918	

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Aaron Smithers
SIGNATURE of SAMPLER: [signature] Date signed (MM/DD/YY): 9/21/21 0918

Temp in °C | Received on Ice (Y/N) | Custody Seals Intact (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

2 of 4

Page: 2 of 5 RS

Section A (Required Client Information)
Company: GA Power
Address: Atlanta, GA
Email To: SCS Contacts
Phone: Fax:
Requested Due Date/TAT: 10 Day

Section B (Required Project Information)
Report To: SCS Contacts
Copy To: ACC Contacts
Purchase Order No.:
Project Name: Grumman Road Landfill
Project Number:

Section C (Invoice Information)
Attention: Southern Co.
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Kelvin Herring
Pace Profile #: 10843

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☒ OTHER GA
Site Location STATE: GA

Section D (Required Client Information) — Valid Matrix Codes: WATER (DW, WT, WW), WASTE WATER, PRODUCT, SOIL/SOLID, OIL, WIPE, AIR, OTHER, TISSUE

ITEM #	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	SAMPLE TYPE (G=GRAB, C=COMP)	COLLECTED DATE	COLLECTED TIME	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	GWC-2	G	9/22/21	1438	5	✓		✓								field pH = 4.71
2	GWC-4	G	9/22/21	1303	5	✓		✓								field pH = 4.70
3	GWC-14	G	9/22/21	1610	5	✓		✓								field pH = 5.76
4	GWC-16	G	9/22/21	1100	5	✓		✓								field pH = 5.57
5	GWC-17	G	9/22/21	1240	5	✓		✓								field pH = 4.63
6	GWC-20	G	9/22/21	1405	5	✓		✓								field pH = 6.00
7	GWC-21	G	9/22/21	940	5	✓		✓								field pH = 8.39
8	MW-23D	G	9/22/21	1100	5	✓		✓								field pH = 6.37
9	MW-24D	G	9/22/21	1225	5	✓		✓								field pH = 6.76
10	MW-25D	G	9/23/21	1005	5	✓		✓								field pH = 6.21
11	GWC-1	G	9/23/21	910	5	✓		✓								field pH = 6.66
12	GWC-15	G	9/23/21	855	5	✓		✓								field pH = 6.48

Requested Analysis Filtered (Y/N): N N N N

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Leave note when the last sample for the event has been taken	[signature]	9/24/21	0918	[signature]	9/24	0918	

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: [signature]
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 9/22/21

Temp in °C | Received on Ice (Y/N) | Custody Seals Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-Feb-2007

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

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2 of 4

Page: 3 of 6 AS

Section A Required Client Information

Company: GA Power
Address: Atlanta, GA
Email To: SCS Contacts
Phone: Fax:
Requested Due Date/TAT: 10 Day

Section B Required Project Information

Report To: SCS Contacts
Copy To: ACC Contacts
Purchase Order No.:
Project Name: Grammman Road Landfill
Project Number:

Section C Invoice Information

Attention: Southern Co.
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Kevin Herring
Pace Profile #: 15843

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☒ OTHER GA

Site Location STATE: GA

Section D Required Client Information — Valid Matrix Codes: WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AIR; TISSUE TS; OTHER OT

Item #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	Matrix Code	Sample Type (G=Grab C=Comp)	Collected Composite Start Date	Collected Composite Start Time	Collected Composite End Date	Collected Composite End Time	Sample Temp at Collection	# of Containers	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test	Requested Analysis Filtered (Y/N)										Residual Chlorine (Y/N)	Pace Project No./Lab I.D.
																			Y/N	N	N	N								
1	EB-1 EB-1	W	G	9/21/21	1125	—	—		5	✓		✓							✓	✓	✓	✓								~~field pH =~~
2	DUP-1	W	G	9/21/21	—	—	—		5	✓		✓							✓	✓	✓	✓								~~field pH =~~
3	EB-2	W	G	9/22/21	845	—	—		5	✓		✓							✓	✓	✓	✓								~~field pH =~~
4	FB-2	W	G	9/22/21	1240	—	—		5	✓		✓							✓	✓	✓	✓								~~field pH =~~
5	Dup-2	W	G	9/22/21	—	—	—		5	✓		✓							✓	✓	✓	✓	✓							~~field pH =~~
6	EB-3	W	G	9/23/21	900	—	—		5	✓		✓							✓	✓	✓	✓	✓							~~field pH =~~
7	FB-3	W	G	9/23/21	1315	—	—		5	✓		✓							✓	✓	✓	✓	✓							~~field pH =~~
8	Dup-3	W	G	9/23/21	—	—	—		5	✓		✓							✓	✓	✓	✓	✓							~~field pH =~~
9																														field pH =
10																														field pH =
11																														field pH =
12																														field pH =

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Please note: when the last sample for the event has been taken,	[signature]	9/24/21	0918	[signature] / PACE	9/24	0918	

Volatiles=8260B/5035A, 8260C/5035A, 8260D/5035A, 624, 524.2, 601/602/8021B, 601/8260B, TCV, 524.2/624

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Anna Schultheis

SIGNATURE of SAMPLER: [signature]

DATE Signed (MM/DD/YY): 9/21/21 0918

Temp in °C | Received on Ice (Y/N) | Custody Seals Intact (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

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Page 4 of 5 AS

Section A Required Client Information

Company: GA Power

Address: Atlanta, GA

Mail To: SCS Contacts

Phone: Fax:

Requested Due Date/TAT: 10 Day

Section B Required Project Information

Report To: SCS Contacts

Copy To: ACC Contacts

Purchase Order No.:

Project Name: Grumman Road Landfill

Project Number:

Section C Invoice Information

Attention: Southern Co.

Company Name:

Address:

Pace Quote Reference:

Pace Project Manager: Kevin Herring

Pace Profile #: 10843

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER

☐ UST ☐ RCRA ☒ OTHER: RCR

Site Location STATE: GA

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AIR
TISSUE	TS

SAMPLE ID (A-Z, 0-9 / , -) Sample IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END DATE	COLLECTED COMPOSITE END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test 1	TSS	Dissolved Humic/Fulvic Acids	Sgn. 60 + 24 + Perm Metals *	NH3 (Solids)							Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
																		Requested Analysis Filtered (Y/N)			Y									
1	BWA-7	W	G	9/22/21	9:05	—	—	4	1			✓									✓									Field pH = 5.6
2																														Field pH =
3																														Field pH =
4																														Field pH =
5																														Field pH =
6																														Field pH =
7																														Field pH =
8																														Field pH =
9																														Field pH =
10																														Field pH =
11																														Field pH =
12																														Field pH =

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Please note when the last sample for the week has been taken.	[signature]	9/22/21	0918	[signature]	9/22	0918	

SAMPLER NAME AND SIGNATURE

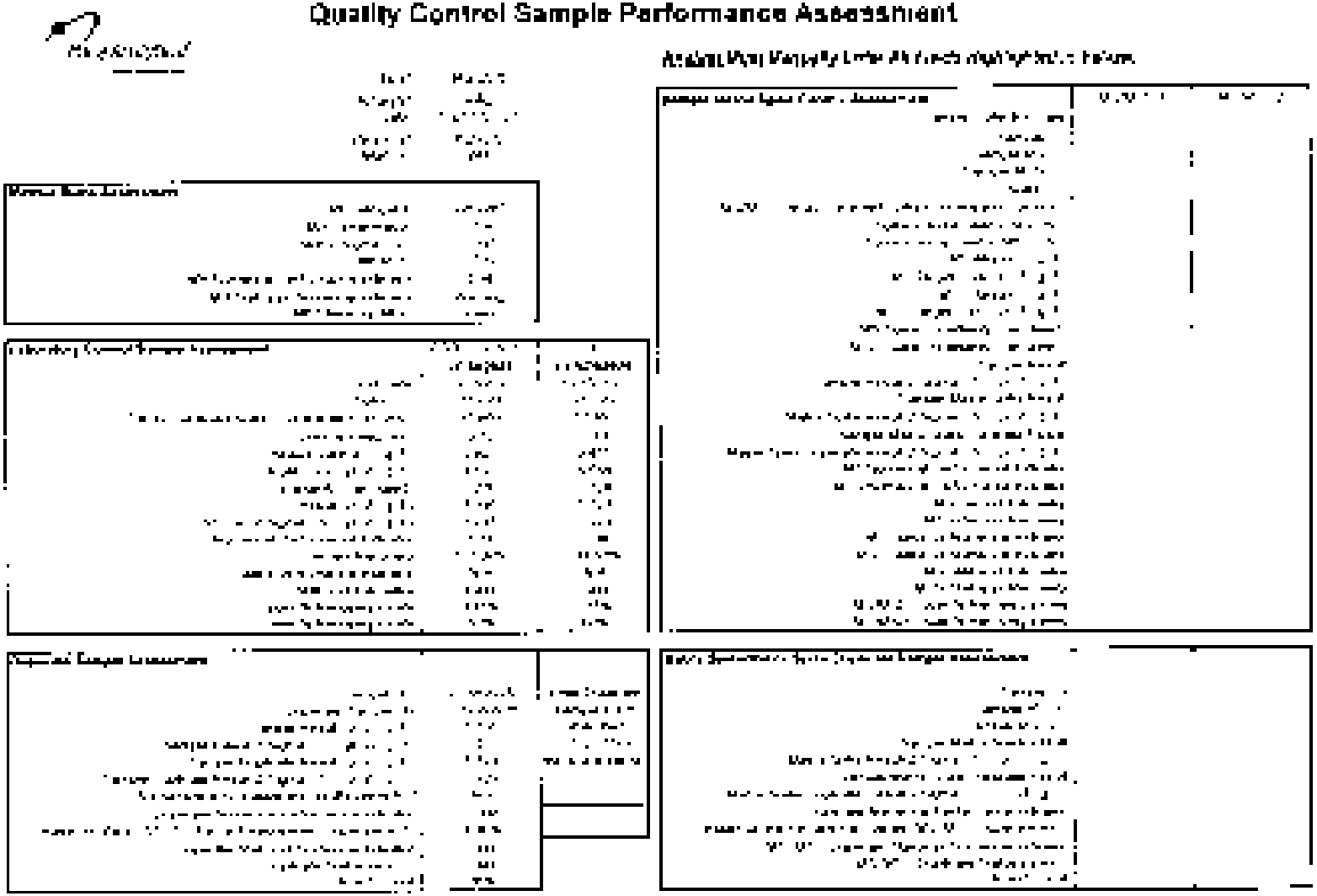
PRINT Name of SAMPLER: Aaya Schaitthaw

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 9/22/21 0944

Temp in °C | Received on Ice (Y/N) | Custody Seals Intact (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Quality Control Sample Performance Assessment



Quality Control Sample Performance Assessment

Analytical Result Matrix: Values All Fields Highlighted in Yellow

[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

Quality Control Sample Performance Assessment

Quality Control Sample Performance Assessment

Quality Control Sample Performance Assessment

Quality Control Sample Performance Assessment

Quality Control Sample Performance Assessment

Pace Analytical Services, LLC
110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

October 12, 2021

Joju Abraham
Georgia Power-CCR
2480 Maner Road
Atlanta, GA 30339

RE: Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Dear Joju Abraham:

Enclosed are the analytical results for sample(s) received by the laboratory on September 24, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Asheville
- Pace Analytical Services - Charlotte
- Pace Analytical Services - Peachtree Corners, GA

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Nicole D'Oleo

Nicole D'Oleo
nicole.d'oleo@pacelabs.com
(704)875-9092
Project Manager

Enclosures

cc: Owens Fuquea, ACC
Monte Jones, Atlantic Coast Consulting, Inc.
Kristen Jurinko
Matt Malone, Atlantic Coast Consulting
Betsy McDaniel, Atlantic Coast Consulting
Ms. Lauren Petty, Southern Company

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Pace Analytical Services, LLC
110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

CERTIFICATIONS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Pace Analytical Services Charlotte
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
Louisiana/NELAP Certification # LA170028
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Virginia/VELAP Certification #: 460221

Pace Analytical Services Asheville
2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

Pace Analytical Services Peachtree Corners
110 Technology Pkwy, Peachtree Corners, GA 30092
Florida DOH Certification #: E87315
Georgia DW Inorganics Certification #: 812
North Carolina Certification #: 381
South Carolina Certification #: 98011001

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Pace Analytical Services, LLC
110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

SAMPLE SUMMARY

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92563313001	**GWA-7**	Water	09/21/21 09:55	09/24/21 09:18
92563313002	**GWB-4R**	Water	09/21/21 14:45	09/24/21 09:18
92563313003	**GWB-5R**	Water	09/21/21 12:35	09/24/21 09:18
92563313004	**GWB-6R**	Water	09/21/21 11:15	09/24/21 09:18
92563313005	**MW-26D**	Water	09/21/21 13:45	09/24/21 09:18
92563313006	**MW-27D**	Water	09/21/21 16:15	09/24/21 09:18
92563313007	**GWA-8**	Water	09/21/21 09:45	09/24/21 09:18
92563313008	**GWC-11**	Water	09/21/21 12:40	09/24/21 09:18
92563313009	**GWC-12**	Water	09/21/21 10:57	09/24/21 09:18
92563313010	**GWC-13**	Water	09/21/21 16:20	09/24/21 09:18
92563313011	**GWC-22**	Water	09/21/21 14:00	09/24/21 09:18
92563313012	**FB-1**	Water	09/21/21 09:45	09/24/21 09:18
92563313013	**GWC-2**	Water	09/22/21 14:38	09/24/21 09:18
92563313014	**GWC-9**	Water	09/22/21 13:03	09/24/21 09:18
92563313015	**GWC-14**	Water	09/22/21 16:10	09/24/21 09:18
92563313016	**GWC-16**	Water	09/22/21 11:00	09/24/21 09:18
92563313017	**GWC-17**	Water	09/22/21 12:00	09/24/21 09:18
92563313018	**GWC-20**	Water	09/22/21 14:05	09/24/21 09:18
92563313019	**GWC-21**	Water	09/22/21 09:40	09/24/21 09:18
92563313020	**MW-23D**	Water	09/22/21 16:00	09/24/21 09:18
92563313021	**MW-24D**	Water	09/22/21 12:25	09/24/21 09:18
92563313022	**MW-25D**	Water	09/23/21 10:05	09/24/21 09:18
92563313023	**GWC-1**	Water	09/23/21 09:10	09/24/21 09:18
92563313024	**GWC-15**	Water	09/23/21 08:55	09/24/21 09:18
92563313025	**EB-1**	Water	09/21/21 11:25	09/24/21 09:18
92563313026	**DUP-1**	Water	09/21/21 00:00	09/24/21 09:18
92563313027	**EB-2**	Water	09/22/21 08:45	09/24/21 09:18
92563313028	**FB-2**	Water	09/22/21 12:40	09/24/21 09:18
92563313029	**DUP-2**	Water	09/22/21 00:00	09/24/21 09:18
92563313030	**EB-3**	Water	09/23/21 09:00	09/24/21 09:18
92563313031	**FB-3**	Water	09/22/21 13:15	09/24/21 09:18
92563313032	**DUP-3**	Water	09/22/21 00:00	09/24/21 09:18
92563313033	**GWA-7**	Water	09/21/21 09:55	09/24/21 09:18

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SAMPLE ANALYTE COUNT

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92563313001	**GWA-7**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313002	**GWB-4R**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313003	**GWB-5R**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313004	**GWB-6R**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313005	**MW-26D**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313006	**MW-27D**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313007	**GWA-8**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313008	**GWC-11**	EPA 6010D	KH	1
		EPA 6020B	CW1	15

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SAMPLE ANALYTE COUNT

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313009	**GWC-12**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313010	**GWC-13**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313011	**GWC-22**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313012	**FB-1**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313013	**GWC-2**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313014	**GWC-9**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313015	**GWC-14**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1

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SAMPLE ANALYTE COUNT

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313016	**GWC-16**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313017	**GWC-17**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313018	**GWC-20**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313019	**GWC-21**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313020	**MW-23D**	EPA 6010D	KH	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313021	**MW-24D**	EPA 6010D	DRB	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313022	**MW-25D**	EPA 6010D	DRB	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313023	**GWC-1**	EPA 6010D	DRB	1

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SAMPLE ANALYTE COUNT

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 6020B	CW1, KH	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313024	**GWC-15**	EPA 6010D	DRB	1
		EPA 6020B	CW1, KH	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313025	**EB-1**	EPA 6010D	DRB	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313026	**DUP-1**	EPA 6010D	DRB	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313027	**EB-2**	EPA 6010D	DRB	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313028	**FB-2**	EPA 6010D	DRB	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313029	**DUP-2**	EPA 6010D	DRB	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313030	**EB-3**	EPA 6010D	DRB	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1

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SAMPLE ANALYTE COUNT

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313031	**FB-3**	EPA 6010D	DRB	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313032	**DUP-3**	EPA 6010D	DRB	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1
		SM 2540C-2011	ALW	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92563313033	**GWA-7**	EPA 6010D	DRB	1
		EPA 6020B	CW1	15
		EPA 7470A	VB	1

PASI-A = Pace Analytical Services - Asheville
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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563313001	**GWA-7**					
	Performed by	CUSTOMER			09/24/21 13:50	
	pH	6.03	Std. Units		09/24/21 13:50	
EPA 6010D	Calcium	2.7	mg/L	1.0	10/04/21 19:42	
EPA 6020B	Barium	0.073	mg/L	0.025	10/04/21 15:47	
EPA 6020B	Boron	4.4	mg/L	0.20	10/04/21 15:47	
EPA 6020B	Chromium	0.013J	mg/L	0.025	10/04/21 15:47	D3
EPA 6020B	Vanadium	0.096	mg/L	0.050	10/04/21 15:47	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 13:41	B
SM 2540C-2011	Total Dissolved Solids	1210	mg/L	50.0	09/27/21 10:20	
EPA 300.0 Rev 2.1 1993	Chloride	92.2	mg/L	1.0	09/27/21 08:34	
EPA 300.0 Rev 2.1 1993	Fluoride	0.077J	mg/L	0.10	09/27/21 08:34	
EPA 300.0 Rev 2.1 1993	Sulfate	11.1	mg/L	1.0	09/27/21 08:34	
92563313002	**GWB-4R**					
	Performed by	CUSTOMER			09/24/21 13:50	
	pH	5.78	Std. Units		09/24/21 13:50	
EPA 6010D	Calcium	67.5	mg/L	1.0	10/04/21 19:47	
EPA 6020B	Arsenic	0.0027J	mg/L	0.0050	10/04/21 15:52	
EPA 6020B	Barium	0.098	mg/L	0.0050	10/04/21 15:52	
EPA 6020B	Boron	6.4	mg/L	0.040	10/04/21 15:52	M1
EPA 6020B	Chromium	0.0018J	mg/L	0.0050	10/04/21 15:52	
EPA 6020B	Lithium	0.016J	mg/L	0.030	10/04/21 15:52	
EPA 6020B	Molybdenum	0.12	mg/L	0.010	10/04/21 15:52	
EPA 6020B	Vanadium	0.0027J	mg/L	0.010	10/04/21 15:52	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 13:43	B
SM 2540C-2011	Total Dissolved Solids	476	mg/L	20.0	09/27/21 10:20	
EPA 300.0 Rev 2.1 1993	Chloride	13.9	mg/L	1.0	09/27/21 08:49	
EPA 300.0 Rev 2.1 1993	Sulfate	232	mg/L	5.0	09/27/21 16:02	
92563313003	**GWB-5R**					
	Performed by	CUSTOMER			09/24/21 13:50	
	pH	4.68	Std. Units		09/24/21 13:50	
EPA 6010D	Calcium	140	mg/L	1.0	10/04/21 19:52	M1
EPA 6020B	Antimony	0.0013J	mg/L	0.0030	10/04/21 16:15	
EPA 6020B	Barium	0.076	mg/L	0.0050	10/04/21 16:15	
EPA 6020B	Beryllium	0.000099J	mg/L	0.00050	10/04/21 16:15	
EPA 6020B	Boron	4.1	mg/L	0.040	10/04/21 16:15	
EPA 6020B	Cobalt	0.019	mg/L	0.0050	10/04/21 16:15	
EPA 6020B	Vanadium	0.0039J	mg/L	0.010	10/04/21 16:15	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 13:46	B
SM 2540C-2011	Total Dissolved Solids	1240	mg/L	50.0	09/27/21 10:20	
EPA 300.0 Rev 2.1 1993	Chloride	38.8	mg/L	1.0	09/27/21 09:03	
EPA 300.0 Rev 2.1 1993	Sulfate	829	mg/L	18.0	09/27/21 16:17	
92563313004	**GWB-6R**					
	Performed by	CUSTOMER			09/24/21 13:51	

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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563313004	**GWB-6R**					
	pH	5.40	Std. Units		09/24/21 13:51	
EPA 6010D	Calcium	110	mg/L	1.0	10/04/21 20:11	
EPA 6020B	Arsenic	0.0054	mg/L	0.0050	10/04/21 16:21	
EPA 6020B	Barium	0.077	mg/L	0.0050	10/04/21 16:21	
EPA 6020B	Boron	4.2	mg/L	0.040	10/04/21 16:21	
EPA 6020B	Chromium	0.0035J	mg/L	0.0050	10/04/21 16:21	
EPA 6020B	Cobalt	0.0049J	mg/L	0.0050	10/04/21 16:21	
EPA 6020B	Selenium	0.0016J	mg/L	0.0050	10/04/21 16:21	
EPA 6020B	Vanadium	0.015	mg/L	0.010	10/04/21 16:21	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 14:02	B
SM 2540C-2011	Total Dissolved Solids	985	mg/L	50.0	09/27/21 10:20	
EPA 300.0 Rev 2.1 1993	Chloride	53.8	mg/L	1.0	09/27/21 09:18	
EPA 300.0 Rev 2.1 1993	Sulfate	645	mg/L	14.0	09/27/21 17:02	
92563313005	**MW-26D**					
	Performed by	CUSTOMER			09/24/21 13:51	
	pH	5.88	Std. Units		09/24/21 13:51	
EPA 6010D	Calcium	2.5	mg/L	1.0	10/04/21 20:16	
EPA 6020B	Barium	0.027	mg/L	0.0050	10/04/21 16:27	
EPA 6020B	Beryllium	0.000073J	mg/L	0.00050	10/04/21 16:27	
EPA 6020B	Boron	0.025J	mg/L	0.040	10/04/21 16:27	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 14:04	B
SM 2540C-2011	Total Dissolved Solids	37.0	mg/L	10.0	09/27/21 10:21	
EPA 300.0 Rev 2.1 1993	Chloride	6.7	mg/L	1.0	09/27/21 09:33	
92563313006	**MW-27D**					
	Performed by	CUSTOMER			09/24/21 13:52	
	pH	5.97	Std. Units		09/24/21 13:52	
EPA 6010D	Calcium	2.1	mg/L	1.0	10/04/21 20:21	
EPA 6020B	Barium	0.022	mg/L	0.0050	10/04/21 16:48	
EPA 6020B	Beryllium	0.000066J	mg/L	0.00050	10/04/21 16:48	
EPA 6020B	Boron	0.012J	mg/L	0.040	10/04/21 16:48	
EPA 6020B	Cadmium	0.00042J	mg/L	0.00050	10/04/21 16:48	
EPA 7470A	Mercury	0.00011J	mg/L	0.00020	10/06/21 14:07	B
SM 2540C-2011	Total Dissolved Solids	37.0	mg/L	10.0	09/27/21 10:21	
EPA 300.0 Rev 2.1 1993	Chloride	6.1	mg/L	1.0	09/27/21 09:48	
92563313007	**GWA-8**					
	Performed by	CUSTOMER			09/24/21 13:52	
	pH	4.44	Std. Units		09/24/21 13:52	
EPA 6010D	Calcium	18.5	mg/L	1.0	10/04/21 20:35	
EPA 6020B	Barium	0.049	mg/L	0.0050	10/04/21 16:54	
EPA 6020B	Beryllium	0.00016J	mg/L	0.00050	10/04/21 16:54	
EPA 6020B	Boron	0.13	mg/L	0.040	10/04/21 16:54	
EPA 6020B	Lithium	0.00092J	mg/L	0.030	10/04/21 16:54	
EPA 7470A	Mercury	0.00011J	mg/L	0.00020	10/06/21 14:10	B

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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563313007	**GWA-8**					
SM 2540C-2011	Total Dissolved Solids	145	mg/L	10.0	09/27/21 10:21	
EPA 300.0 Rev 2.1 1993	Chloride	12.2	mg/L	1.0	09/27/21 10:03	
EPA 300.0 Rev 2.1 1993	Fluoride	0.068J	mg/L	0.10	09/27/21 10:03	
EPA 300.0 Rev 2.1 1993	Sulfate	96.5	mg/L	1.0	09/27/21 10:03	
92563313008	**GWC-11**					
	Performed by	CUSTOMER			09/24/21 13:52	
	pH	4.92	Std. Units		09/24/21 13:52	
EPA 6010D	Calcium	87.0	mg/L	1.0	10/04/21 20:40	
EPA 6020B	Barium	0.12	mg/L	0.0050	10/04/21 17:00	
EPA 6020B	Boron	0.80	mg/L	0.040	10/04/21 17:00	
EPA 6020B	Cadmium	0.00036J	mg/L	0.00050	10/04/21 17:00	
EPA 6020B	Selenium	0.0038J	mg/L	0.0050	10/04/21 17:00	
EPA 6020B	Vanadium	0.0020J	mg/L	0.010	10/04/21 17:00	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 14:12	B
SM 2540C-2011	Total Dissolved Solids	842	mg/L	20.0	09/27/21 10:21	
EPA 300.0 Rev 2.1 1993	Chloride	103	mg/L	10.0	09/27/21 17:17	
EPA 300.0 Rev 2.1 1993	Sulfate	433	mg/L	10.0	09/27/21 17:17	
92563313009	**GWC-12**					
	Performed by	CUSTOMER			09/24/21 13:53	
	pH	4.05	Std. Units		09/24/21 13:53	
EPA 6010D	Calcium	63.4	mg/L	1.0	10/04/21 20:44	
EPA 6020B	Barium	0.023	mg/L	0.0050	10/04/21 17:05	
EPA 6020B	Beryllium	0.00047J	mg/L	0.00050	10/04/21 17:05	
EPA 6020B	Boron	5.8	mg/L	0.040	10/04/21 17:05	
EPA 6020B	Cobalt	0.00065J	mg/L	0.0050	10/04/21 17:05	
EPA 6020B	Lithium	0.00091J	mg/L	0.030	10/04/21 17:05	
EPA 6020B	Vanadium	0.0051J	mg/L	0.010	10/04/21 17:05	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 14:15	B
SM 2540C-2011	Total Dissolved Solids	558	mg/L	20.0	09/27/21 10:21	
EPA 300.0 Rev 2.1 1993	Chloride	63.8	mg/L	1.0	09/27/21 11:33	
EPA 300.0 Rev 2.1 1993	Fluoride	0.31	mg/L	0.10	09/27/21 11:33	
EPA 300.0 Rev 2.1 1993	Sulfate	315	mg/L	8.0	09/27/21 18:01	
92563313010	**GWC-13**					
	Performed by	CUSTOMER			09/24/21 13:53	
	pH	4.83	Std. Units		09/24/21 13:53	
EPA 6010D	Calcium	3.6	mg/L	1.0	10/04/21 20:49	
EPA 6020B	Barium	0.037	mg/L	0.0050	10/04/21 17:11	
EPA 6020B	Boron	0.38	mg/L	0.040	10/04/21 17:11	
EPA 6020B	Lithium	0.00087J	mg/L	0.030	10/04/21 17:11	
EPA 6020B	Zinc	0.036	mg/L	0.010	10/04/21 17:11	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 14:17	B
SM 2540C-2011	Total Dissolved Solids	83.0	mg/L	10.0	09/27/21 10:22	
EPA 300.0 Rev 2.1 1993	Chloride	7.9	mg/L	1.0	09/27/21 11:48	

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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563313010	**GWC-13**					
EPA 300.0 Rev 2.1 1993	Sulfate	36.6	mg/L	1.0	09/27/21 11:48	
92563313011	**GWC-22**					
	Performed by	CUSTOMER			09/24/21 13:53	
	pH	4.72	Std. Units		09/24/21 13:53	
EPA 6010D	Calcium	15.3	mg/L	1.0	10/04/21 20:54	
EPA 6020B	Barium	0.036	mg/L	0.0050	10/04/21 17:17	
EPA 6020B	Boron	0.19	mg/L	0.040	10/04/21 17:17	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 14:25	B
SM 2540C-2011	Total Dissolved Solids	87.0	mg/L	10.0	09/27/21 10:22	
EPA 300.0 Rev 2.1 1993	Chloride	9.4	mg/L	1.0	09/27/21 12:03	
EPA 300.0 Rev 2.1 1993	Sulfate	52.4	mg/L	1.0	09/27/21 12:03	
92563313012	**FB-1**					
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 14:28	B
92563313013	**GWC-2**					
	Performed by	CUSTOMER			09/24/21 13:54	
	pH	4.71	Std. Units		09/24/21 13:54	
EPA 6010D	Calcium	0.19J	mg/L	1.0	10/04/21 21:03	
EPA 6020B	Barium	0.047	mg/L	0.0050	10/04/21 17:28	
EPA 6020B	Boron	0.017J	mg/L	0.040	10/04/21 17:28	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 14:31	B
SM 2540C-2011	Total Dissolved Solids	33.0	mg/L	10.0	09/29/21 18:45	
EPA 300.0 Rev 2.1 1993	Chloride	7.4	mg/L	1.0	09/27/21 12:33	
EPA 300.0 Rev 2.1 1993	Sulfate	10.3	mg/L	1.0	09/27/21 12:33	
92563313014	**GWC-9**					
	Performed by	CUSTOMER			09/24/21 13:54	
	pH	4.70	Std. Units		09/24/21 13:54	
EPA 6010D	Calcium	5.0	mg/L	1.0	10/04/21 21:08	
EPA 6020B	Barium	0.15	mg/L	0.0050	10/04/21 17:34	
EPA 6020B	Beryllium	0.00017J	mg/L	0.00050	10/04/21 17:34	
EPA 6020B	Boron	0.015J	mg/L	0.040	10/04/21 17:34	
EPA 6020B	Cobalt	0.00082J	mg/L	0.0050	10/04/21 17:34	
EPA 6020B	Lithium	0.0015J	mg/L	0.030	10/04/21 17:34	
EPA 7470A	Mercury	0.00011J	mg/L	0.00020	10/06/21 14:33	B
SM 2540C-2011	Total Dissolved Solids	94.0	mg/L	10.0	09/29/21 18:45	
EPA 300.0 Rev 2.1 1993	Chloride	19.3	mg/L	1.0	09/27/21 12:48	
EPA 300.0 Rev 2.1 1993	Fluoride	0.13	mg/L	0.10	09/27/21 12:48	
EPA 300.0 Rev 2.1 1993	Sulfate	42.7	mg/L	1.0	09/27/21 12:48	
92563313015	**GWC-14**					
	Performed by	CUSTOMER			09/24/21 13:54	
	pH	5.76	Std. Units		09/24/21 13:54	
EPA 6010D	Calcium	185	mg/L	1.0	10/04/21 21:13	

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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563313015	**GWC-14**					
EPA 6020B	Arsenic	0.0014J	mg/L	0.0050	10/04/21 17:40	
EPA 6020B	Barium	0.11	mg/L	0.0050	10/04/21 17:40	
EPA 6020B	Boron	0.052	mg/L	0.040	10/04/21 17:40	
EPA 6020B	Molybdenum	0.018	mg/L	0.010	10/04/21 17:40	
EPA 6020B	Selenium	0.0034J	mg/L	0.0050	10/04/21 17:40	
EPA 6020B	Vanadium	0.0052J	mg/L	0.010	10/04/21 17:40	
EPA 6020B	Zinc	0.010	mg/L	0.010	10/04/21 17:40	
EPA 7470A	Mercury	0.00011J	mg/L	0.00020	10/06/21 14:36	B
SM 2540C-2011	Total Dissolved Solids	864	mg/L	20.0	09/29/21 18:45	
EPA 300.0 Rev 2.1 1993	Chloride	28.0	mg/L	1.0	09/27/21 13:03	
EPA 300.0 Rev 2.1 1993	Sulfate	444	mg/L	10.0	09/27/21 18:16	
92563313016	**GWC-16**					
	Performed by	CUSTOMER			09/24/21 13:54	
	pH	5.57	Std. Units		09/24/21 13:54	
EPA 6010D	Calcium	267	mg/L	1.0	10/04/21 21:18	
EPA 6020B	Arsenic	0.081	mg/L	0.0050	10/04/21 18:13	
EPA 6020B	Barium	0.26	mg/L	0.0050	10/04/21 18:13	
EPA 6020B	Beryllium	0.000060J	mg/L	0.00050	10/04/21 18:13	
EPA 6020B	Boron	11.5	mg/L	2.0	10/05/21 13:54	
EPA 6020B	Chromium	0.0018J	mg/L	0.0050	10/04/21 18:13	
EPA 6020B	Molybdenum	0.22	mg/L	0.010	10/04/21 18:13	
EPA 6020B	Selenium	0.0031J	mg/L	0.0050	10/04/21 18:13	
EPA 6020B	Vanadium	0.0025J	mg/L	0.010	10/05/21 14:18	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 14:39	B
SM 2540C-2011	Total Dissolved Solids	1680	mg/L	100	09/29/21 18:45	
EPA 300.0 Rev 2.1 1993	Chloride	55.8	mg/L	1.0	09/27/21 13:18	
EPA 300.0 Rev 2.1 1993	Sulfate	1040	mg/L	23.0	09/27/21 18:30	
92563313017	**GWC-17**					
	Performed by	CUSTOMER			09/24/21 13:55	
	pH	4.63	Std. Units		09/24/21 13:55	
EPA 6010D	Calcium	94.6	mg/L	1.0	10/04/21 21:32	
EPA 6020B	Antimony	0.0014J	mg/L	0.0030	10/04/21 18:18	
EPA 6020B	Barium	0.058	mg/L	0.0050	10/04/21 18:18	
EPA 6020B	Beryllium	0.0017	mg/L	0.00050	10/04/21 18:18	
EPA 6020B	Boron	1.4	mg/L	0.040	10/04/21 18:18	
EPA 6020B	Cobalt	0.0028J	mg/L	0.0050	10/04/21 18:18	
EPA 6020B	Lithium	0.0050J	mg/L	0.030	10/04/21 18:18	
EPA 6020B	Molybdenum	0.0053J	mg/L	0.010	10/04/21 18:18	
EPA 7470A	Mercury	0.00011J	mg/L	0.00020	10/06/21 14:41	B
SM 2540C-2011	Total Dissolved Solids	1530	mg/L	100	09/29/21 18:45	
EPA 300.0 Rev 2.1 1993	Chloride	517	mg/L	12.0	09/27/21 18:45	
EPA 300.0 Rev 2.1 1993	Fluoride	0.79	mg/L	0.10	09/27/21 14:03	
EPA 300.0 Rev 2.1 1993	Sulfate	394	mg/L	12.0	09/27/21 18:45	

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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563313018	**GWC-20**					
	Performed by	CUSTOMER			09/24/21 13:55	
	pH	6.00	Std. Units		09/24/21 13:55	
EPA 6010D	Calcium	266	mg/L	1.0	10/04/21 21:37	
EPA 6020B	Arsenic	0.23	mg/L	0.0050	10/04/21 18:24	
EPA 6020B	Barium	0.42	mg/L	0.0050	10/04/21 18:24	
EPA 6020B	Boron	11.3	mg/L	2.0	10/05/21 14:00	
EPA 6020B	Cadmium	0.00013J	mg/L	0.00050	10/04/21 18:24	
EPA 6020B	Chromium	0.0013J	mg/L	0.0050	10/04/21 18:24	
EPA 6020B	Molybdenum	0.50	mg/L	0.010	10/04/21 18:24	
EPA 6020B	Selenium	0.0024J	mg/L	0.0050	10/04/21 18:24	
EPA 6020B	Vanadium	0.0033J	mg/L	0.010	10/05/21 14:29	
EPA 7470A	Mercury	0.00011J	mg/L	0.00020	10/06/21 14:44	B
SM 2540C-2011	Total Dissolved Solids	1430	mg/L	100	09/29/21 18:45	
EPA 300.0 Rev 2.1 1993	Chloride	38.9	mg/L	1.0	09/27/21 00:28	
EPA 300.0 Rev 2.1 1993	Sulfate	905	mg/L	20.0	09/27/21 06:51	
92563313019	**GWC-21**					
	Performed by	CUSTOMER			09/24/21 13:55	
	pH	5.39	Std. Units		09/24/21 13:55	
EPA 6010D	Calcium	5.8	mg/L	1.0	10/04/21 21:42	
EPA 6020B	Barium	0.046	mg/L	0.0050	10/04/21 18:30	
EPA 6020B	Boron	0.095	mg/L	0.040	10/04/21 18:30	
EPA 6020B	Molybdenum	0.0019J	mg/L	0.010	10/04/21 18:30	
EPA 6020B	Selenium	0.0027J	mg/L	0.0050	10/04/21 18:30	
EPA 7470A	Mercury	0.00011J	mg/L	0.00020	10/06/21 14:46	B
SM 2540C-2011	Total Dissolved Solids	51.0	mg/L	10.0	09/29/21 18:45	
EPA 300.0 Rev 2.1 1993	Chloride	6.0	mg/L	1.0	09/27/21 01:16	
EPA 300.0 Rev 2.1 1993	Sulfate	14.6	mg/L	1.0	09/27/21 01:16	
92563313020	**MW-23D**					
	Performed by	CUSTOMER			09/24/21 13:56	
	pH	6.39	Std. Units		09/24/21 13:56	
EPA 6010D	Calcium	14.9	mg/L	1.0	10/04/21 21:47	
EPA 6020B	Barium	0.076	mg/L	0.0050	10/04/21 18:36	
EPA 6020B	Boron	0.033J	mg/L	0.040	10/04/21 18:36	
EPA 6020B	Cadmium	0.00027J	mg/L	0.00050	10/04/21 18:36	
EPA 7470A	Mercury	0.00011J	mg/L	0.00020	10/06/21 14:49	B
SM 2540C-2011	Total Dissolved Solids	184	mg/L	10.0	09/29/21 18:46	
EPA 300.0 Rev 2.1 1993	Chloride	7.1	mg/L	1.0	09/27/21 01:32	
EPA 300.0 Rev 2.1 1993	Sulfate	84.6	mg/L	1.0	09/27/21 01:32	
92563313021	**MW-24D**					
	Performed by	CUSTOMER			09/24/21 13:56	
	pH	6.76	Std. Units		09/24/21 13:56	
EPA 6010D	Calcium	4.7	mg/L	1.0	10/05/21 15:59	
EPA 6020B	Barium	0.038	mg/L	0.0050	10/05/21 15:53	

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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563313021	**MW-24D**					
EPA 6020B	Boron	0.014J	mg/L	0.040	10/05/21 15:53	
EPA 6020B	Molybdenum	0.0032J	mg/L	0.010	10/05/21 15:53	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 15:02	B
SM 2540C-2011	Total Dissolved Solids	53.0	mg/L	10.0	09/29/21 18:46	
EPA 300.0 Rev 2.1 1993	Chloride	4.9	mg/L	1.0	09/27/21 01:48	
92563313022	**MW-25D**					
	Performed by	CUSTOMER			09/24/21 13:56	
	pH	6.21	Std. Units		09/24/21 13:56	
EPA 6010D	Calcium	3.4	mg/L	1.0	10/05/21 16:18	
EPA 6020B	Barium	0.024	mg/L	0.0050	10/05/21 15:59	
EPA 6020B	Boron	0.012J	mg/L	0.040	10/05/21 15:59	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 15:13	B
SM 2540C-2011	Total Dissolved Solids	56.0	mg/L	10.0	09/30/21 18:58	
EPA 300.0 Rev 2.1 1993	Chloride	5.5	mg/L	1.0	09/27/21 02:04	
EPA 300.0 Rev 2.1 1993	Fluoride	0.096J	mg/L	0.10	09/27/21 02:04	
EPA 300.0 Rev 2.1 1993	Sulfate	0.70J	mg/L	1.0	09/27/21 02:04	
92563313023	**GWC-1**					
	Performed by	CUSTOMER			09/24/21 13:57	
	pH	6.06	Std. Units		09/24/21 13:57	
EPA 6010D	Calcium	69.1	mg/L	1.0	10/05/21 16:23	
EPA 6020B	Antimony	0.0016J	mg/L	0.0030	10/05/21 16:22	
EPA 6020B	Arsenic	0.0048J	mg/L	0.0050	10/05/21 16:22	
EPA 6020B	Barium	0.062	mg/L	0.0050	10/05/21 16:22	
EPA 6020B	Boron	0.59	mg/L	0.040	10/05/21 16:22	
EPA 6020B	Chromium	0.0023J	mg/L	0.0050	10/05/21 16:22	
EPA 6020B	Molybdenum	0.060	mg/L	0.010	10/08/21 14:38	
EPA 6020B	Selenium	0.0018J	mg/L	0.0050	10/05/21 16:22	
EPA 6020B	Vanadium	0.0042J	mg/L	0.010	10/05/21 16:22	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 15:15	B
SM 2540C-2011	Total Dissolved Solids	360	mg/L	10.0	09/30/21 18:58	
EPA 300.0 Rev 2.1 1993	Chloride	8.8	mg/L	1.0	09/27/21 02:20	
EPA 300.0 Rev 2.1 1993	Sulfate	37.3	mg/L	1.0	09/27/21 02:20	
92563313024	**GWC-15**					
	Performed by	CUSTOMER			09/24/21 13:57	
	pH	6.48	Std. Units		09/24/21 13:57	
EPA 6010D	Calcium	146	mg/L	1.0	10/05/21 16:28	
EPA 6020B	Arsenic	0.21	mg/L	0.0050	10/05/21 16:28	
EPA 6020B	Barium	0.062	mg/L	0.0050	10/05/21 16:28	
EPA 6020B	Boron	0.72	mg/L	0.040	10/05/21 16:28	
EPA 6020B	Chromium	0.0013J	mg/L	0.0050	10/05/21 16:28	
EPA 6020B	Molybdenum	0.094	mg/L	0.010	10/08/21 14:44	
EPA 6020B	Selenium	0.0016J	mg/L	0.0050	10/05/21 16:28	
EPA 6020B	Vanadium	0.0022J	mg/L	0.010	10/05/21 16:28	

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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563313024	**GWC-15**					
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 15:18	B
SM 2540C-2011	Total Dissolved Solids	556	mg/L	20.0	09/30/21 18:58	
EPA 300.0 Rev 2.1 1993	Chloride	7.1	mg/L	1.0	09/27/21 03:07	
EPA 300.0 Rev 2.1 1993	Sulfate	124	mg/L	3.0	09/27/21 07:38	
92563313025	**EB-1**					
EPA 6010D	Calcium	0.13J	mg/L	1.0	10/05/21 16:33	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 15:21	B
92563313026	**DUP-1**					
EPA 6010D	Calcium	69.2	mg/L	1.0	10/05/21 16:37	
EPA 6020B	Arsenic	0.0031J	mg/L	0.0050	10/01/21 17:50	
EPA 6020B	Barium	0.099	mg/L	0.0050	10/01/21 17:50	
EPA 6020B	Boron	6.5	mg/L	0.040	10/01/21 17:50	
EPA 6020B	Chromium	0.0017J	mg/L	0.0050	10/01/21 17:50	
EPA 6020B	Lithium	0.015J	mg/L	0.030	10/01/21 17:50	
EPA 6020B	Molybdenum	0.12	mg/L	0.010	10/01/21 17:50	
EPA 6020B	Vanadium	0.0030J	mg/L	0.010	10/01/21 17:50	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 15:29	B
SM 2540C-2011	Total Dissolved Solids	527	mg/L	10.0	09/28/21 10:55	
EPA 300.0 Rev 2.1 1993	Chloride	12.8	mg/L	1.0	09/27/21 03:39	
EPA 300.0 Rev 2.1 1993	Sulfate	226	mg/L	5.0	09/27/21 07:53	
92563313027	**EB-2**					
EPA 6010D	Calcium	0.24J	mg/L	1.0	10/05/21 16:52	
EPA 6020B	Barium	0.00079J	mg/L	0.0050	10/01/21 17:56	
EPA 6020B	Boron	0.011J	mg/L	0.040	10/01/21 17:56	
EPA 6020B	Chromium	0.0013J	mg/L	0.0050	10/01/21 17:56	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 15:31	B
92563313028	**FB-2**					
EPA 6010D	Calcium	0.13J	mg/L	1.0	10/05/21 16:57	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 15:34	B
92563313029	**DUP-2**					
EPA 6010D	Calcium	5.7	mg/L	1.0	10/05/21 17:01	
EPA 6020B	Barium	0.047	mg/L	0.0050	10/01/21 18:20	
EPA 6020B	Boron	0.074	mg/L	0.040	10/01/21 18:20	
EPA 6020B	Molybdenum	0.0016J	mg/L	0.010	10/01/21 18:20	
EPA 6020B	Selenium	0.0027J	mg/L	0.0050	10/01/21 18:20	
EPA 6020B	Vanadium	0.0020J	mg/L	0.010	10/01/21 18:20	
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 15:37	B
SM 2540C-2011	Total Dissolved Solids	47.0	mg/L	10.0	09/29/21 18:46	
EPA 300.0 Rev 2.1 1993	Chloride	6.0	mg/L	1.0	09/27/21 04:59	
EPA 300.0 Rev 2.1 1993	Sulfate	14.6	mg/L	1.0	09/27/21 04:59	
92563313030	**EB-3**					
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 15:39	B

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SUMMARY OF DETECTION

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92563313031	**FB-3**					
EPA 7470A	Mercury	0.00010J	mg/L	0.00020	10/06/21 15:42	B
92563313032	**DUP-3**					
EPA 6010D	Calcium	0.16J	mg/L	1.0	10/05/21 17:16	
EPA 6020B	Barium	0.053	mg/L	0.0050	10/01/21 18:37	
EPA 6020B	Beryllium	0.000056J	mg/L	0.00050	10/01/21 18:37	
EPA 6020B	Boron	0.016J	mg/L	0.040	10/01/21 18:37	
EPA 7470A	Mercury	0.00011J	mg/L	0.00020	10/06/21 15:44	B
SM 2540C-2011	Total Dissolved Solids	28.0	mg/L	10.0	09/29/21 18:46	
EPA 300.0 Rev 2.1 1993	Chloride	6.6	mg/L	1.0	09/27/21 06:19	
EPA 300.0 Rev 2.1 1993	Sulfate	9.6	mg/L	1.0	09/27/21 06:19	
92563313033	**GWA-7**					
EPA 6010D	Calcium, Dissolved	3.1	mg/L	1.0	10/05/21 14:57	
EPA 6020B	Barium, Dissolved	0.064	mg/L	0.025	10/11/21 14:33	
EPA 6020B	Boron, Dissolved	4.1	mg/L	0.20	10/11/21 14:33	
EPA 6020B	Chromium, Dissolved	0.0096J	mg/L	0.025	10/11/21 14:33	D3
EPA 6020B	Vanadium, Dissolved	0.097	mg/L	0.050	10/11/21 14:33	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWA-7 **Lab ID: 92563313001** Collected: 09/21/21 09:55 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:50		
pH	**6.03**	Std. Units			1		09/24/21 13:50		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**2.7**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 19:42	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.015	0.0039	1	10/04/21 11:20	10/04/21 15:47	7440-36-0	D3
Arsenic	ND	mg/L	0.025	0.0057	1	10/04/21 11:20	10/04/21 15:47	7440-38-2	D3
Barium	**0.073**	mg/L	0.025	0.0034	1	10/04/21 11:20	10/04/21 15:47	7440-39-3	
Beryllium	ND	mg/L	0.0025	0.00027	1	10/04/21 11:20	10/04/21 15:47	7440-41-7	D3
Boron	**4.4**	mg/L	0.20	0.043	1	10/04/21 11:20	10/04/21 15:47	7440-42-8	
Cadmium	ND	mg/L	0.0025	0.00057	1	10/04/21 11:20	10/04/21 15:47	7440-43-9	D3
Chromium	**0.013J**	mg/L	0.025	0.0055	1	10/04/21 11:20	10/04/21 15:47	7440-47-3	D3
Cobalt	ND	mg/L	0.025	0.0020	1	10/04/21 11:20	10/04/21 15:47	7440-48-4	D3
Lead	ND	mg/L	0.0050	0.0044	1	10/04/21 11:20	10/04/21 15:47	7439-92-1	D3
Lithium	ND	mg/L	0.15	0.0036	1	10/04/21 11:20	10/04/21 15:47	7439-93-2	D3
Molybdenum	ND	mg/L	0.050	0.0037	1	10/04/21 11:20	10/04/21 15:47	7439-98-7	D3
Selenium	ND	mg/L	0.025	0.0068	1	10/04/21 11:20	10/04/21 15:47	7782-49-2	D3
Thallium	ND	mg/L	0.0050	0.00090	1	10/04/21 11:20	10/04/21 15:47	7440-28-0	D3
Vanadium	**0.096**	mg/L	0.050	0.0093	1	10/04/21 11:20	10/04/21 15:47	7440-62-2	
Zinc	ND	mg/L	0.050	0.035	1	10/04/21 11:20	10/04/21 15:47	7440-66-6	D3
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 13:41	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**1210**	mg/L	50.0	50.0	1		09/27/21 10:20		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**92.2**	mg/L	1.0	0.60	1		09/27/21 08:34	16887-00-6	
Fluoride	**0.077J**	mg/L	0.10	0.050	1		09/27/21 08:34	16984-48-8	
Sulfate	**11.1**	mg/L	1.0	0.50	1		09/27/21 08:34	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWB-4R **Lab ID: 92563313002** Collected: 09/21/21 14:45 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:50		
pH	**5.78**	Std. Units			1		09/24/21 13:50		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**67.5**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 19:47	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 15:52	7440-36-0	
Arsenic	**0.0027J**	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 15:52	7440-38-2	
Barium	**0.098**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 15:52	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 15:52	7440-41-7	
Boron	**6.4**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 15:52	7440-42-8	M1
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 15:52	7440-43-9	
Chromium	**0.0018J**	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 15:52	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 15:52	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 15:52	7439-92-1	
Lithium	**0.016J**	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 15:52	7439-93-2	
Molybdenum	**0.12**	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 15:52	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 15:52	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 15:52	7440-28-0	
Vanadium	**0.0027J**	mg/L	0.010	0.0019	1	10/04/21 11:20	10/04/21 15:52	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 15:52	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 13:43	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**476**	mg/L	20.0	20.0	1		09/27/21 10:20		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**13.9**	mg/L	1.0	0.60	1		09/27/21 08:49	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 08:49	16984-48-8	
Sulfate	**232**	mg/L	5.0	2.5	5		09/27/21 16:02	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWB-5R **Lab ID: 92563313003** Collected: 09/21/21 12:35 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:50		
pH	**4.68**	Std. Units			1		09/24/21 13:50		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**140**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 19:52	7440-70-2	M1
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	**0.0013J**	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 16:15	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 16:15	7440-38-2	
Barium	**0.076**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 16:15	7440-39-3	
Beryllium	**0.000099J**	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 16:15	7440-41-7	
Boron	**4.1**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 16:15	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 16:15	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 16:15	7440-47-3	
Cobalt	**0.019**	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 16:15	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 16:15	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 16:15	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 16:15	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 16:15	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 16:15	7440-28-0	
Vanadium	**0.0039J**	mg/L	0.010	0.0019	1	10/04/21 11:20	10/04/21 16:15	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 16:15	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 13:46	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**1240**	mg/L	50.0	50.0	1		09/27/21 10:20		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**38.8**	mg/L	1.0	0.60	1		09/27/21 09:03	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 09:03	16984-48-8	
Sulfate	**829**	mg/L	18.0	9.0	18		09/27/21 16:17	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWB-6R **Lab ID: 92563313004** Collected: 09/21/21 11:15 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:51		
pH	**5.40**	Std. Units			1		09/24/21 13:51		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**110**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 20:11	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 16:21	7440-36-0	
Arsenic	**0.0054**	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 16:21	7440-38-2	
Barium	**0.077**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 16:21	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 16:21	7440-41-7	
Boron	**4.2**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 16:21	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 16:21	7440-43-9	
Chromium	**0.0035J**	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 16:21	7440-47-3	
Cobalt	**0.0049J**	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 16:21	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 16:21	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 16:21	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 16:21	7439-98-7	
Selenium	**0.0016J**	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 16:21	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 16:21	7440-28-0	
Vanadium	**0.015**	mg/L	0.010	0.0019	1	10/04/21 11:20	10/04/21 16:21	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 16:21	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:02	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**985**	mg/L	50.0	50.0	1		09/27/21 10:20		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**53.8**	mg/L	1.0	0.60	1		09/27/21 09:18	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 09:18	16984-48-8	
Sulfate	**645**	mg/L	14.0	7.0	14		09/27/21 17:02	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: MW-26D **Lab ID: 92563313005** Collected: 09/21/21 13:45 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:51		
pH	**5.88**	Std. Units			1		09/24/21 13:51		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**2.5**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 20:16	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 16:27	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 16:27	7440-38-2	
Barium	**0.027**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 16:27	7440-39-3	
Beryllium	**0.000073J**	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 16:27	7440-41-7	
Boron	**0.025J**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 16:27	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 16:27	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 16:27	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 16:27	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 16:27	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 16:27	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 16:27	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 16:27	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 16:27	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/04/21 11:20	10/04/21 16:27	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 16:27	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:04	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**37.0**	mg/L	10.0	10.0	1		09/27/21 10:21		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**6.7**	mg/L	1.0	0.60	1		09/27/21 09:33	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 09:33	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		09/27/21 09:33	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: MW-27D **Lab ID: 92563313006** Collected: 09/21/21 16:15 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:52		
pH	**5.97**	Std. Units			1		09/24/21 13:52		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**2.1**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 20:21	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 16:48	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 16:48	7440-38-2	
Barium	**0.022**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 16:48	7440-39-3	
Beryllium	**0.000066J**	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 16:48	7440-41-7	
Boron	**0.012J**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 16:48	7440-42-8	
Cadmium	**0.00042J**	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 16:48	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 16:48	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 16:48	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 16:48	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 16:48	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 16:48	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 16:48	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 16:48	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/04/21 11:20	10/04/21 16:48	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 16:48	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00011J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:07	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**37.0**	mg/L	10.0	10.0	1		09/27/21 10:21		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**6.1**	mg/L	1.0	0.60	1		09/27/21 09:48	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 09:48	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		09/27/21 09:48	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWA-8 **Lab ID: 92563313007** Collected: 09/21/21 09:45 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:52		
pH	**4.44**	Std. Units			1		09/24/21 13:52		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**18.5**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 20:35	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 16:54	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 16:54	7440-38-2	
Barium	**0.049**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 16:54	7440-39-3	
Beryllium	**0.00016J**	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 16:54	7440-41-7	
Boron	**0.13**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 16:54	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 16:54	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 16:54	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 16:54	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 16:54	7439-92-1	
Lithium	**0.00092J**	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 16:54	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 16:54	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 16:54	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 16:54	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/04/21 11:20	10/04/21 16:54	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 16:54	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00011J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:10	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**145**	mg/L	10.0	10.0	1		09/27/21 10:21		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**12.2**	mg/L	1.0	0.60	1		09/27/21 10:03	16887-00-6	
Fluoride	**0.068J**	mg/L	0.10	0.050	1		09/27/21 10:03	16984-48-8	
Sulfate	**96.5**	mg/L	1.0	0.50	1		09/27/21 10:03	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWC-11 **Lab ID: 92563313008** Collected: 09/21/21 12:40 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:52		
pH	**4.92**	Std. Units			1		09/24/21 13:52		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**87.0**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 20:40	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 17:00	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:00	7440-38-2	
Barium	**0.12**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 17:00	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 17:00	7440-41-7	
Boron	**0.80**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 17:00	7440-42-8	
Cadmium	**0.00036J**	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 17:00	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:00	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 17:00	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 17:00	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 17:00	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 17:00	7439-98-7	
Selenium	**0.0038J**	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 17:00	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 17:00	7440-28-0	
Vanadium	**0.0020J**	mg/L	0.010	0.0019	1	10/04/21 11:20	10/04/21 17:00	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 17:00	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:12	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**842**	mg/L	20.0	20.0	1		09/27/21 10:21		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**103**	mg/L	10.0	6.0	10		09/27/21 17:17	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 10:18	16984-48-8	M1
Sulfate	**433**	mg/L	10.0	5.0	10		09/27/21 17:17	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWC-12 **Lab ID: 92563313009** Collected: 09/21/21 10:57 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:53		
pH	**4.05**	Std. Units			1		09/24/21 13:53		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**63.4**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 20:44	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 17:05	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:05	7440-38-2	
Barium	**0.023**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 17:05	7440-39-3	
Beryllium	**0.00047J**	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 17:05	7440-41-7	
Boron	**5.8**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 17:05	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 17:05	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:05	7440-47-3	
Cobalt	**0.00065J**	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 17:05	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 17:05	7439-92-1	
Lithium	**0.00091J**	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 17:05	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 17:05	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 17:05	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 17:05	7440-28-0	
Vanadium	**0.0051J**	mg/L	0.010	0.0019	1	10/04/21 11:20	10/04/21 17:05	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 17:05	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:15	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**558**	mg/L	20.0	20.0	1		09/27/21 10:21		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**63.8**	mg/L	1.0	0.60	1		09/27/21 11:33	16887-00-6	
Fluoride	**0.31**	mg/L	0.10	0.050	1		09/27/21 11:33	16984-48-8	
Sulfate	**315**	mg/L	8.0	4.0	8		09/27/21 18:01	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWC-13 **Lab ID: 92563313010** Collected: 09/21/21 16:20 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:53		
pH	**4.83**	Std. Units			1		09/24/21 13:53		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**3.6**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 20:49	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 17:11	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:11	7440-38-2	
Barium	**0.037**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 17:11	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 17:11	7440-41-7	
Boron	**0.38**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 17:11	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 17:11	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:11	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 17:11	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 17:11	7439-92-1	
Lithium	**0.00087J**	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 17:11	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 17:11	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 17:11	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 17:11	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/04/21 11:20	10/04/21 17:11	7440-62-2	
Zinc	**0.036**	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 17:11	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:17	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**83.0**	mg/L	10.0	10.0	1		09/27/21 10:22		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**7.9**	mg/L	1.0	0.60	1		09/27/21 11:48	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 11:48	16984-48-8	
Sulfate	**36.6**	mg/L	1.0	0.50	1		09/27/21 11:48	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWC-22 **Lab ID: 92563313011** Collected: 09/21/21 14:00 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:53		
pH	**4.72**	Std. Units			1		09/24/21 13:53		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**15.3**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 20:54	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 17:17	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:17	7440-38-2	
Barium	**0.036**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 17:17	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 17:17	7440-41-7	
Boron	**0.19**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 17:17	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 17:17	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:17	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 17:17	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 17:17	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 17:17	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 17:17	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 17:17	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 17:17	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/04/21 11:20	10/04/21 17:17	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 17:17	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:25	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**87.0**	mg/L	10.0	10.0	1		09/27/21 10:22		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**9.4**	mg/L	1.0	0.60	1		09/27/21 12:03	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 12:03	16984-48-8	
Sulfate	**52.4**	mg/L	1.0	0.50	1		09/27/21 12:03	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: FB-1 **Lab ID: 92563313012** Collected: 09/21/21 09:45 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	ND	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 20:59	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 17:22	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:22	7440-38-2	
Barium	ND	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 17:22	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 17:22	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 17:22	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 17:22	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:22	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 17:22	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 17:22	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 17:22	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 17:22	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 17:22	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 17:22	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/04/21 11:20	10/04/21 17:22	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 17:22	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:28	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		09/27/21 10:22		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		09/27/21 12:18	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 12:18	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		09/27/21 12:18	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWC-2 **Lab ID: 92563313013** Collected: 09/22/21 14:38 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:54		
pH	**4.71**	Std. Units			1		09/24/21 13:54		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**0.19J**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 21:03	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 17:28	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:28	7440-38-2	
Barium	**0.047**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 17:28	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 17:28	7440-41-7	
Boron	**0.017J**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 17:28	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 17:28	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:28	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 17:28	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 17:28	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 17:28	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 17:28	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 17:28	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 17:28	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/04/21 11:20	10/04/21 17:28	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 17:28	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:31	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**33.0**	mg/L	10.0	10.0	1		09/29/21 18:45		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**7.4**	mg/L	1.0	0.60	1		09/27/21 12:33	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 12:33	16984-48-8	
Sulfate	**10.3**	mg/L	1.0	0.50	1		09/27/21 12:33	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWC-9 **Lab ID: 92563313014** Collected: 09/22/21 13:03 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:54		
pH	**4.70**	Std. Units			1		09/24/21 13:54		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**5.0**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 21:08	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 17:34	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:34	7440-38-2	
Barium	**0.15**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 17:34	7440-39-3	
Beryllium	**0.00017J**	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 17:34	7440-41-7	
Boron	**0.015J**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 17:34	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 17:34	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:34	7440-47-3	
Cobalt	**0.00082J**	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 17:34	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 17:34	7439-92-1	
Lithium	**0.0015J**	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 17:34	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 17:34	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 17:34	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 17:34	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/04/21 11:20	10/04/21 17:34	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 17:34	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00011J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:33	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**94.0**	mg/L	10.0	10.0	1		09/29/21 18:45		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**19.3**	mg/L	1.0	0.60	1		09/27/21 12:48	16887-00-6	
Fluoride	**0.13**	mg/L	0.10	0.050	1		09/27/21 12:48	16984-48-8	
Sulfate	**42.7**	mg/L	1.0	0.50	1		09/27/21 12:48	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWC-14 **Lab ID: 92563313015** Collected: 09/22/21 16:10 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:54		
pH	**5.76**	Std. Units			1		09/24/21 13:54		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**185**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 21:13	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 17:40	7440-36-0	
Arsenic	**0.0014J**	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:40	7440-38-2	
Barium	**0.11**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 17:40	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 17:40	7440-41-7	
Boron	**0.052**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 17:40	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 17:40	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 17:40	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 17:40	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 17:40	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 17:40	7439-93-2	
Molybdenum	**0.018**	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 17:40	7439-98-7	
Selenium	**0.0034J**	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 17:40	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 17:40	7440-28-0	
Vanadium	**0.0052J**	mg/L	0.010	0.0019	1	10/04/21 11:20	10/04/21 17:40	7440-62-2	
Zinc	**0.010**	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 17:40	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00011J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:36	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**864**	mg/L	20.0	20.0	1		09/29/21 18:45		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**28.0**	mg/L	1.0	0.60	1		09/27/21 13:03	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 13:03	16984-48-8	
Sulfate	**444**	mg/L	10.0	5.0	10		09/27/21 18:16	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWC-16 **Lab ID: 92563313016** Collected: 09/22/21 11:00 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:54		
pH	**5.57**	Std. Units			1		09/24/21 13:54		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**267**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 21:18	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 18:13	7440-36-0	
Arsenic	**0.081**	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 18:13	7440-38-2	
Barium	**0.26**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 18:13	7440-39-3	
Beryllium	**0.000060J**	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 18:13	7440-41-7	
Boron	**11.5**	mg/L	2.0	0.43	50	10/04/21 11:20	10/05/21 13:54	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 18:13	7440-43-9	
Chromium	**0.0018J**	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 18:13	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 18:13	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 18:13	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 18:13	7439-93-2	
Molybdenum	**0.22**	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 18:13	7439-98-7	
Selenium	**0.0031J**	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 18:13	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 18:13	7440-28-0	
Vanadium	**0.0025J**	mg/L	0.010	0.0019	1	10/04/21 11:20	10/05/21 14:18	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 18:13	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:39	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**1680**	mg/L	100	100	1		09/29/21 18:45		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**55.8**	mg/L	1.0	0.60	1		09/27/21 13:18	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 13:18	16984-48-8	
Sulfate	**1040**	mg/L	23.0	11.5	23		09/27/21 18:30	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWC-17 **Lab ID: 92563313017** Collected: 09/22/21 12:00 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:55		
pH	**4.63**	Std. Units			1		09/24/21 13:55		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**94.6**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 21:32	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	**0.0014J**	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 18:18	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 18:18	7440-38-2	
Barium	**0.058**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 18:18	7440-39-3	
Beryllium	**0.0017**	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 18:18	7440-41-7	
Boron	**1.4**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 18:18	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 18:18	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 18:18	7440-47-3	
Cobalt	**0.0028J**	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 18:18	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 18:18	7439-92-1	
Lithium	**0.0050J**	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 18:18	7439-93-2	
Molybdenum	**0.0053J**	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 18:18	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 18:18	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 18:18	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/04/21 11:20	10/05/21 14:23	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 18:18	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00011J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:41	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**1530**	mg/L	100	100	1		09/29/21 18:45		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**517**	mg/L	12.0	7.2	12		09/27/21 18:45	16887-00-6	
Fluoride	**0.79**	mg/L	0.10	0.050	1		09/27/21 14:03	16984-48-8	
Sulfate	**394**	mg/L	12.0	6.0	12		09/27/21 18:45	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWC-20 **Lab ID: 92563313018** Collected: 09/22/21 14:05 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:55		
pH	**6.00**	Std. Units			1		09/24/21 13:55		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**266**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 21:37	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 18:24	7440-36-0	
Arsenic	**0.23**	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 18:24	7440-38-2	
Barium	**0.42**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 18:24	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 18:24	7440-41-7	
Boron	**11.3**	mg/L	2.0	0.43	50	10/04/21 11:20	10/05/21 14:00	7440-42-8	
Cadmium	**0.00013J**	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 18:24	7440-43-9	
Chromium	**0.0013J**	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 18:24	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 18:24	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 18:24	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 18:24	7439-93-2	
Molybdenum	**0.50**	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 18:24	7439-98-7	
Selenium	**0.0024J**	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 18:24	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 18:24	7440-28-0	
Vanadium	**0.0033J**	mg/L	0.010	0.0019	1	10/04/21 11:20	10/05/21 14:29	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 18:24	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00011J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:44	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**1430**	mg/L	100	100	1		09/29/21 18:45		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**38.9**	mg/L	1.0	0.60	1		09/27/21 00:28	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 00:28	16984-48-8	M1
Sulfate	**905**	mg/L	20.0	10.0	20		09/27/21 06:51	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWC-21 **Lab ID: 92563313019** Collected: 09/22/21 09:40 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:55		
pH	**5.39**	Std. Units			1		09/24/21 13:55		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**5.8**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 21:42	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 18:30	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 18:30	7440-38-2	
Barium	**0.046**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 18:30	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 18:30	7440-41-7	
Boron	**0.095**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 18:30	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 18:30	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 18:30	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 18:30	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 18:30	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 18:30	7439-93-2	
Molybdenum	**0.0019J**	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 18:30	7439-98-7	
Selenium	**0.0027J**	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 18:30	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 18:30	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/04/21 11:20	10/05/21 14:35	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 18:30	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00011J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:46	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**51.0**	mg/L	10.0	10.0	1		09/29/21 18:45		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**6.0**	mg/L	1.0	0.60	1		09/27/21 01:16	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 01:16	16984-48-8	
Sulfate	**14.6**	mg/L	1.0	0.50	1		09/27/21 01:16	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: MW-23D **Lab ID: 92563313020** Collected: 09/22/21 16:00 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:56		
pH	**6.39**	Std. Units			1		09/24/21 13:56		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**14.9**	mg/L	1.0	0.12	1	10/04/21 13:15	10/04/21 21:47	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/04/21 11:20	10/04/21 18:36	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 18:36	7440-38-2	
Barium	**0.076**	mg/L	0.0050	0.00067	1	10/04/21 11:20	10/04/21 18:36	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/04/21 11:20	10/04/21 18:36	7440-41-7	
Boron	**0.033J**	mg/L	0.040	0.0086	1	10/04/21 11:20	10/04/21 18:36	7440-42-8	
Cadmium	**0.00027J**	mg/L	0.00050	0.00011	1	10/04/21 11:20	10/04/21 18:36	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/04/21 11:20	10/04/21 18:36	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/04/21 11:20	10/04/21 18:36	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/04/21 11:20	10/04/21 18:36	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/04/21 11:20	10/04/21 18:36	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/04/21 11:20	10/04/21 18:36	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/04/21 11:20	10/04/21 18:36	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/04/21 11:20	10/04/21 18:36	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/04/21 11:20	10/05/21 14:41	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/04/21 11:20	10/04/21 18:36	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00011J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 14:49	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**184**	mg/L	10.0	10.0	1		09/29/21 18:46		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**7.1**	mg/L	1.0	0.60	1		09/27/21 01:32	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 01:32	16984-48-8	
Sulfate	**84.6**	mg/L	1.0	0.50	1		09/27/21 01:32	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: MW-24D **Lab ID: 92563313021** Collected: 09/22/21 12:25 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:56		
pH	**6.76**	Std. Units			1		09/24/21 13:56		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**4.7**	mg/L	1.0	0.12	1	10/05/21 11:40	10/05/21 15:59	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/05/21 10:20	10/05/21 15:53	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/05/21 10:20	10/05/21 15:53	7440-38-2	
Barium	**0.038**	mg/L	0.0050	0.00067	1	10/05/21 10:20	10/05/21 15:53	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/05/21 10:20	10/05/21 15:53	7440-41-7	
Boron	**0.014J**	mg/L	0.040	0.0086	1	10/05/21 10:20	10/05/21 15:53	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/05/21 10:20	10/05/21 15:53	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/05/21 10:20	10/05/21 15:53	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/05/21 10:20	10/05/21 15:53	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/05/21 10:20	10/05/21 15:53	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/05/21 10:20	10/05/21 15:53	7439-93-2	
Molybdenum	**0.0032J**	mg/L	0.010	0.00074	1	10/05/21 10:20	10/05/21 15:53	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/05/21 10:20	10/05/21 15:53	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/05/21 10:20	10/05/21 15:53	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/05/21 10:20	10/05/21 15:53	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/05/21 10:20	10/05/21 15:53	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 15:02	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**53.0**	mg/L	10.0	10.0	1		09/29/21 18:46		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**4.9**	mg/L	1.0	0.60	1		09/27/21 01:48	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 01:48	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		09/27/21 01:48	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: MW-25D **Lab ID: 92563313022** Collected: 09/23/21 10:05 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:56		
pH	**6.21**	Std. Units			1		09/24/21 13:56		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**3.4**	mg/L	1.0	0.12	1	10/05/21 11:40	10/05/21 16:18	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/05/21 10:20	10/05/21 15:59	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/05/21 10:20	10/05/21 15:59	7440-38-2	
Barium	**0.024**	mg/L	0.0050	0.00067	1	10/05/21 10:20	10/05/21 15:59	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/05/21 10:20	10/05/21 15:59	7440-41-7	
Boron	**0.012J**	mg/L	0.040	0.0086	1	10/05/21 10:20	10/05/21 15:59	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/05/21 10:20	10/05/21 15:59	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/05/21 10:20	10/05/21 15:59	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/05/21 10:20	10/05/21 15:59	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/05/21 10:20	10/05/21 15:59	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/05/21 10:20	10/05/21 15:59	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/05/21 10:20	10/05/21 15:59	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/05/21 10:20	10/05/21 15:59	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/05/21 10:20	10/05/21 15:59	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/05/21 10:20	10/05/21 15:59	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/05/21 10:20	10/05/21 15:59	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 15:13	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**56.0**	mg/L	10.0	10.0	1		09/30/21 18:58		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**5.5**	mg/L	1.0	0.60	1		09/27/21 02:04	16887-00-6	
Fluoride	**0.096J**	mg/L	0.10	0.050	1		09/27/21 02:04	16984-48-8	
Sulfate	**0.70J**	mg/L	1.0	0.50	1		09/27/21 02:04	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWC-1 **Lab ID: 92563313023** Collected: 09/23/21 09:10 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:57		
pH	**6.06**	Std. Units			1		09/24/21 13:57		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**69.1**	mg/L	1.0	0.12	1	10/05/21 11:40	10/05/21 16:23	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	**0.0016J**	mg/L	0.0030	0.00078	1	10/05/21 10:20	10/05/21 16:22	7440-36-0	
Arsenic	**0.0048J**	mg/L	0.0050	0.0011	1	10/05/21 10:20	10/05/21 16:22	7440-38-2	
Barium	**0.062**	mg/L	0.0050	0.00067	1	10/05/21 10:20	10/05/21 16:22	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/05/21 10:20	10/05/21 16:22	7440-41-7	
Boron	**0.59**	mg/L	0.040	0.0086	1	10/05/21 10:20	10/05/21 16:22	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/05/21 10:20	10/05/21 16:22	7440-43-9	
Chromium	**0.0023J**	mg/L	0.0050	0.0011	1	10/05/21 10:20	10/05/21 16:22	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/05/21 10:20	10/05/21 16:22	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/05/21 10:20	10/05/21 16:22	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/05/21 10:20	10/05/21 16:22	7439-93-2	
Molybdenum	**0.060**	mg/L	0.010	0.00074	1	10/05/21 10:20	10/08/21 14:38	7439-98-7	
Selenium	**0.0018J**	mg/L	0.0050	0.0014	1	10/05/21 10:20	10/05/21 16:22	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/05/21 10:20	10/05/21 16:22	7440-28-0	
Vanadium	**0.0042J**	mg/L	0.010	0.0019	1	10/05/21 10:20	10/05/21 16:22	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/05/21 10:20	10/05/21 16:22	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 15:15	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**360**	mg/L	10.0	10.0	1		09/30/21 18:58		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**8.8**	mg/L	1.0	0.60	1		09/27/21 02:20	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 02:20	16984-48-8	
Sulfate	**37.3**	mg/L	1.0	0.50	1		09/27/21 02:20	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWC-15 **Lab ID: 92563313024** Collected: 09/23/21 08:55 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical Method: Pace Analytical Services - Charlotte								
Performed by	**CUSTOMER**				1		09/24/21 13:57		
pH	**6.48**	Std. Units			1		09/24/21 13:57		
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**146**	mg/L	1.0	0.12	1	10/05/21 11:40	10/05/21 16:28	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/05/21 10:20	10/05/21 16:28	7440-36-0	
Arsenic	**0.21**	mg/L	0.0050	0.0011	1	10/05/21 10:20	10/05/21 16:28	7440-38-2	
Barium	**0.062**	mg/L	0.0050	0.00067	1	10/05/21 10:20	10/05/21 16:28	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/05/21 10:20	10/05/21 16:28	7440-41-7	
Boron	**0.72**	mg/L	0.040	0.0086	1	10/05/21 10:20	10/05/21 16:28	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/05/21 10:20	10/05/21 16:28	7440-43-9	
Chromium	**0.0013J**	mg/L	0.0050	0.0011	1	10/05/21 10:20	10/05/21 16:28	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/05/21 10:20	10/05/21 16:28	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/05/21 10:20	10/05/21 16:28	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/05/21 10:20	10/05/21 16:28	7439-93-2	
Molybdenum	**0.094**	mg/L	0.010	0.00074	1	10/05/21 10:20	10/08/21 14:44	7439-98-7	
Selenium	**0.0016J**	mg/L	0.0050	0.0014	1	10/05/21 10:20	10/05/21 16:28	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/05/21 10:20	10/05/21 16:28	7440-28-0	
Vanadium	**0.0022J**	mg/L	0.010	0.0019	1	10/05/21 10:20	10/05/21 16:28	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/05/21 10:20	10/05/21 16:28	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 15:18	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**556**	mg/L	20.0	20.0	1		09/30/21 18:58		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**7.1**	mg/L	1.0	0.60	1		09/27/21 03:07	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 03:07	16984-48-8	
Sulfate	**124**	mg/L	3.0	1.5	3		09/27/21 07:38	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: EB-1 **Lab ID: 92563313025** Collected: 09/21/21 11:25 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**0.13J**	mg/L	1.0	0.12	1	10/05/21 11:40	10/05/21 16:33	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/01/21 10:25	10/01/21 17:44	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 17:44	7440-38-2	
Barium	ND	mg/L	0.0050	0.00067	1	10/01/21 10:25	10/01/21 17:44	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/01/21 10:25	10/01/21 17:44	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	10/01/21 10:25	10/01/21 17:44	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/01/21 10:25	10/01/21 17:44	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 17:44	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/01/21 10:25	10/01/21 17:44	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/01/21 10:25	10/01/21 17:44	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/01/21 10:25	10/01/21 17:44	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/01/21 10:25	10/01/21 17:44	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/01/21 10:25	10/01/21 17:44	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/01/21 10:25	10/01/21 17:44	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/01/21 10:25	10/01/21 17:44	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/01/21 10:25	10/01/21 17:44	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 15:21	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		09/27/21 10:22		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		09/27/21 03:23	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 03:23	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		09/27/21 03:23	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: DUP-1 **Lab ID: 92563313026** Collected: 09/21/21 00:00 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**69.2**	mg/L	1.0	0.12	1	10/05/21 11:40	10/05/21 16:37	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/01/21 10:25	10/01/21 17:50	7440-36-0	
Arsenic	**0.0031J**	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 17:50	7440-38-2	
Barium	**0.099**	mg/L	0.0050	0.00067	1	10/01/21 10:25	10/01/21 17:50	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/01/21 10:25	10/01/21 17:50	7440-41-7	
Boron	**6.5**	mg/L	0.040	0.0086	1	10/01/21 10:25	10/01/21 17:50	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/01/21 10:25	10/01/21 17:50	7440-43-9	
Chromium	**0.0017J**	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 17:50	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/01/21 10:25	10/01/21 17:50	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/01/21 10:25	10/01/21 17:50	7439-92-1	
Lithium	**0.015J**	mg/L	0.030	0.00073	1	10/01/21 10:25	10/01/21 17:50	7439-93-2	
Molybdenum	**0.12**	mg/L	0.010	0.00074	1	10/01/21 10:25	10/01/21 17:50	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/01/21 10:25	10/01/21 17:50	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/01/21 10:25	10/01/21 17:50	7440-28-0	
Vanadium	**0.0030J**	mg/L	0.010	0.0019	1	10/01/21 10:25	10/01/21 17:50	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/01/21 10:25	10/01/21 17:50	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 15:29	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**527**	mg/L	10.0	10.0	1		09/28/21 10:55		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**12.8**	mg/L	1.0	0.60	1		09/27/21 03:39	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 03:39	16984-48-8	
Sulfate	**226**	mg/L	5.0	2.5	5		09/27/21 07:53	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: EB-2 **Lab ID: 92563313027** Collected: 09/22/21 08:45 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**0.24J**	mg/L	1.0	0.12	1	10/05/21 11:40	10/05/21 16:52	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/01/21 10:25	10/01/21 17:56	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 17:56	7440-38-2	
Barium	**0.00079J**	mg/L	0.0050	0.00067	1	10/01/21 10:25	10/01/21 17:56	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/01/21 10:25	10/01/21 17:56	7440-41-7	
Boron	**0.011J**	mg/L	0.040	0.0086	1	10/01/21 10:25	10/01/21 17:56	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/01/21 10:25	10/01/21 17:56	7440-43-9	
Chromium	**0.0013J**	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 17:56	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/01/21 10:25	10/01/21 17:56	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/01/21 10:25	10/01/21 17:56	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/01/21 10:25	10/01/21 17:56	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/01/21 10:25	10/01/21 17:56	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/01/21 10:25	10/01/21 17:56	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/01/21 10:25	10/01/21 17:56	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/01/21 10:25	10/01/21 17:56	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/01/21 10:25	10/01/21 17:56	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 15:31	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		09/29/21 18:46		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		09/27/21 03:55	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 03:55	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		09/27/21 03:55	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: FB-2 **Lab ID: 92563313028** Collected: 09/22/21 12:40 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**0.13J**	mg/L	1.0	0.12	1	10/05/21 11:40	10/05/21 16:57	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/01/21 10:25	10/01/21 18:14	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 18:14	7440-38-2	
Barium	ND	mg/L	0.0050	0.00067	1	10/01/21 10:25	10/01/21 18:14	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/01/21 10:25	10/01/21 18:14	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	10/01/21 10:25	10/01/21 18:14	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/01/21 10:25	10/01/21 18:14	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 18:14	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/01/21 10:25	10/01/21 18:14	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/01/21 10:25	10/01/21 18:14	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/01/21 10:25	10/01/21 18:14	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/01/21 10:25	10/01/21 18:14	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/01/21 10:25	10/01/21 18:14	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/01/21 10:25	10/01/21 18:14	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/01/21 10:25	10/01/21 18:14	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/01/21 10:25	10/01/21 18:14	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 15:34	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		09/29/21 18:46		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		09/27/21 04:11	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 04:11	16984-48-8	M1
Sulfate	ND	mg/L	1.0	0.50	1		09/27/21 04:11	14808-79-8	M1

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: DUP-2 **Lab ID: 92563313029** Collected: 09/22/21 00:00 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**5.7**	mg/L	1.0	0.12	1	10/05/21 11:40	10/05/21 17:01	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/01/21 10:25	10/01/21 18:20	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 18:20	7440-38-2	
Barium	**0.047**	mg/L	0.0050	0.00067	1	10/01/21 10:25	10/01/21 18:20	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/01/21 10:25	10/01/21 18:20	7440-41-7	
Boron	**0.074**	mg/L	0.040	0.0086	1	10/01/21 10:25	10/01/21 18:20	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/01/21 10:25	10/01/21 18:20	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 18:20	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/01/21 10:25	10/01/21 18:20	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/01/21 10:25	10/01/21 18:20	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/01/21 10:25	10/01/21 18:20	7439-93-2	
Molybdenum	**0.0016J**	mg/L	0.010	0.00074	1	10/01/21 10:25	10/01/21 18:20	7439-98-7	
Selenium	**0.0027J**	mg/L	0.0050	0.0014	1	10/01/21 10:25	10/01/21 18:20	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/01/21 10:25	10/01/21 18:20	7440-28-0	
Vanadium	**0.0020J**	mg/L	0.010	0.0019	1	10/01/21 10:25	10/01/21 18:20	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/01/21 10:25	10/01/21 18:20	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 15:37	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**47.0**	mg/L	10.0	10.0	1		09/29/21 18:46		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**6.0**	mg/L	1.0	0.60	1		09/27/21 04:59	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 04:59	16984-48-8	
Sulfate	**14.6**	mg/L	1.0	0.50	1		09/27/21 04:59	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: EB-3 **Lab ID: 92563313030** Collected: 09/23/21 09:00 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	ND	mg/L	1.0	0.12	1	10/05/21 11:40	10/05/21 17:06	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/01/21 10:25	10/01/21 18:26	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 18:26	7440-38-2	
Barium	ND	mg/L	0.0050	0.00067	1	10/01/21 10:25	10/01/21 18:26	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/01/21 10:25	10/01/21 18:26	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	10/01/21 10:25	10/01/21 18:26	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/01/21 10:25	10/01/21 18:26	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 18:26	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/01/21 10:25	10/01/21 18:26	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/01/21 10:25	10/01/21 18:26	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/01/21 10:25	10/01/21 18:26	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/01/21 10:25	10/01/21 18:26	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/01/21 10:25	10/01/21 18:26	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/01/21 10:25	10/01/21 18:26	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/01/21 10:25	10/01/21 18:26	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/01/21 10:25	10/01/21 18:26	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 15:39	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		09/30/21 18:58		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		09/27/21 05:15	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 05:15	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		09/27/21 05:15	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: FB-3 **Lab ID: 92563313031** Collected: 09/22/21 13:15 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	ND	mg/L	1.0	0.12	1	10/05/21 11:40	10/05/21 17:11	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/01/21 10:25	10/01/21 18:31	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 18:31	7440-38-2	
Barium	ND	mg/L	0.0050	0.00067	1	10/01/21 10:25	10/01/21 18:31	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	10/01/21 10:25	10/01/21 18:31	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	10/01/21 10:25	10/01/21 18:31	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/01/21 10:25	10/01/21 18:31	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 18:31	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/01/21 10:25	10/01/21 18:31	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/01/21 10:25	10/01/21 18:31	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/01/21 10:25	10/01/21 18:31	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/01/21 10:25	10/01/21 18:31	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/01/21 10:25	10/01/21 18:31	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/01/21 10:25	10/01/21 18:31	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/01/21 10:25	10/01/21 18:31	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/01/21 10:25	10/01/21 18:31	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00010J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 15:42	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	ND	mg/L	10.0	10.0	1		09/29/21 18:46		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		09/27/21 05:31	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 05:31	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		09/27/21 05:31	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: DUP-3 **Lab ID: 92563313032** Collected: 09/22/21 00:00 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010D ATL ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium	**0.16J**	mg/L	1.0	0.12	1	10/05/21 11:40	10/05/21 17:16	7440-70-2	
6020 MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony	ND	mg/L	0.0030	0.00078	1	10/01/21 10:25	10/01/21 18:37	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 18:37	7440-38-2	
Barium	**0.053**	mg/L	0.0050	0.00067	1	10/01/21 10:25	10/01/21 18:37	7440-39-3	
Beryllium	**0.000056J**	mg/L	0.00050	0.000054	1	10/01/21 10:25	10/01/21 18:37	7440-41-7	
Boron	**0.016J**	mg/L	0.040	0.0086	1	10/01/21 10:25	10/01/21 18:37	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	10/01/21 10:25	10/01/21 18:37	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	10/01/21 10:25	10/01/21 18:37	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	10/01/21 10:25	10/01/21 18:37	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	10/01/21 10:25	10/01/21 18:37	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	10/01/21 10:25	10/01/21 18:37	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	10/01/21 10:25	10/01/21 18:37	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	10/01/21 10:25	10/01/21 18:37	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	10/01/21 10:25	10/01/21 18:37	7440-28-0	
Vanadium	ND	mg/L	0.010	0.0019	1	10/01/21 10:25	10/01/21 18:37	7440-62-2	
Zinc	ND	mg/L	0.010	0.0070	1	10/01/21 10:25	10/01/21 18:37	7440-66-6	
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury	**0.00011J**	mg/L	0.00020	0.000078	1	10/06/21 12:00	10/06/21 15:44	7439-97-6	B
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2011 Pace Analytical Services - Peachtree Corners, GA								
Total Dissolved Solids	**28.0**	mg/L	10.0	10.0	1		09/29/21 18:46		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**6.6**	mg/L	1.0	0.60	1		09/27/21 06:19	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/27/21 06:19	16984-48-8	
Sulfate	**9.6**	mg/L	1.0	0.50	1		09/27/21 06:19	14808-79-8	

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ANALYTICAL RESULTS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Sample: GWA-7 **Lab ID: 92563313033** Collected: 09/21/21 09:55 Received: 09/24/21 09:18 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, Dissolved	Analytical Method: EPA 6010D Preparation Method: EPA 3010A Pace Analytical Services - Peachtree Corners, GA								
Calcium, Dissolved	**3.1**	mg/L	1.0	0.12	1	10/05/21 11:30	10/05/21 14:57	7440-70-2	
6020 MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - Peachtree Corners, GA								
Antimony, Dissolved	ND	mg/L	0.015	0.0039	5	10/08/21 09:48	10/11/21 14:33	7440-36-0	D3
Arsenic, Dissolved	ND	mg/L	0.025	0.0057	5	10/08/21 09:48	10/11/21 14:33	7440-38-2	D3
Barium, Dissolved	**0.064**	mg/L	0.025	0.0034	5	10/08/21 09:48	10/11/21 14:33	7440-39-3	
Beryllium, Dissolved	ND	mg/L	0.0025	0.00027	5	10/08/21 09:48	10/11/21 14:33	7440-41-7	D3
Boron, Dissolved	**4.1**	mg/L	0.20	0.043	5	10/08/21 09:48	10/11/21 14:33	7440-42-8	
Cadmium, Dissolved	ND	mg/L	0.0025	0.00057	5	10/08/21 09:48	10/11/21 14:33	7440-43-9	D3
Chromium, Dissolved	**0.0096J**	mg/L	0.025	0.0055	5	10/08/21 09:48	10/11/21 14:33	7440-47-3	D3
Cobalt, Dissolved	ND	mg/L	0.025	0.0020	5	10/08/21 09:48	10/11/21 14:33	7440-48-4	D3
Lead, Dissolved	ND	mg/L	0.0050	0.0044	5	10/08/21 09:48	10/11/21 14:33	7439-92-1	D3
Lithium, Dissolved	ND	mg/L	0.15	0.0036	5	10/08/21 09:48	10/11/21 14:33	7439-93-2	D3
Molybdenum, Dissolved	ND	mg/L	0.050	0.0037	5	10/08/21 09:48	10/11/21 14:33	7439-98-7	D3
Selenium, Dissolved	ND	mg/L	0.025	0.0068	5	10/08/21 09:48	10/11/21 14:33	7782-49-2	D3
Thallium, Dissolved	ND	mg/L	0.0050	0.00090	5	10/08/21 09:48	10/11/21 14:33	7440-28-0	D3
Vanadium, Dissolved	**0.097**	mg/L	0.050	0.0093	5	10/08/21 09:48	10/11/21 14:33	7440-62-2	
Zinc, Dissolved	ND	mg/L	0.050	0.035	5	10/08/21 09:48	10/11/21 14:33	7440-66-6	D3
7470 Mercury, Dissolved	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - Peachtree Corners, GA								
Mercury, Dissolved	ND	mg/L	0.00020	0.000078	1	10/07/21 09:30	10/07/21 14:08	7439-97-6	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 650645
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010D ATL
Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92563313001, 92563313002, 92563313003, 92563313004, 92563313005, 92563313006, 92563313007, 92563313008, 92563313009, 92563313010, 92563313011, 92563313012, 92563313013, 92563313014, 92563313015, 92563313016, 92563313017, 92563313018, 92563313019, 92563313020

METHOD BLANK: 3412418
Matrix: Water

Associated Lab Samples: 92563313001, 92563313002, 92563313003, 92563313004, 92563313005, 92563313006, 92563313007, 92563313008, 92563313009, 92563313010, 92563313011, 92563313012, 92563313013, 92563313014, 92563313015, 92563313016, 92563313017, 92563313018, 92563313019, 92563313020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Calcium	mg/L	ND	1.0	0.12	10/04/21 19:23	

LABORATORY CONTROL SAMPLE: 3412419

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium	mg/L	1	1.1	106	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3412420 3412421

Parameter	Units	92563313003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Calcium	mg/L	140	1	1	148	146	856	604	75-125	2	20	M1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 650835
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010D ATL
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92563313021, 92563313022, 92563313023, 92563313024, 92563313025, 92563313026, 92563313027, 92563313028, 92563313029, 92563313030, 92563313031, 92563313032

METHOD BLANK: 3412995
Matrix: Water
Associated Lab Samples: 92563313021, 92563313022, 92563313023, 92563313024, 92563313025, 92563313026, 92563313027, 92563313028, 92563313029, 92563313030, 92563313031, 92563313032

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Calcium	mg/L	ND	1.0	0.12	10/05/21 15:22	

LABORATORY CONTROL SAMPLE: 3412996

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium	mg/L	1	1.1	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3412997 3412998

Parameter	Units	92563313021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Calcium	mg/L	4.7	1	1	5.7	5.6	104	98	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 650878
QC Batch Method: EPA 3010A
Analysis Method: EPA 6010D
Analysis Description: 6010 MET Filtered Diss.
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92563313033

METHOD BLANK: 3413292 Matrix: Water
Associated Lab Samples: 92563313033

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Calcium, Dissolved	mg/L	ND	1.0	0.12	10/05/21 14:48	

LABORATORY CONTROL SAMPLE: 3413293

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Calcium, Dissolved	mg/L	1	1.1	110	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3413294 3413295

Parameter	Units	92563313033 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Calcium, Dissolved	mg/L	3.1	1	1	4.1	4.1	92	97	75-125	1	20	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 650361
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92563313025, 92563313026, 92563313027, 92563313028, 92563313029, 92563313030, 92563313031, 92563313032

METHOD BLANK: 3411035
Matrix: Water
Associated Lab Samples: 92563313025, 92563313026, 92563313027, 92563313028, 92563313029, 92563313030, 92563313031, 92563313032

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00078	10/01/21 17:04	
Arsenic	mg/L	ND	0.0050	0.0011	10/01/21 17:04	
Barium	mg/L	ND	0.0050	0.00067	10/01/21 17:04	
Beryllium	mg/L	ND	0.00050	0.000054	10/01/21 17:04	
Boron	mg/L	ND	0.040	0.0086	10/01/21 17:04	
Cadmium	mg/L	ND	0.00050	0.00011	10/01/21 17:04	
Chromium	mg/L	ND	0.0050	0.0011	10/01/21 17:04	
Cobalt	mg/L	ND	0.0050	0.00039	10/01/21 17:04	
Lead	mg/L	ND	0.0010	0.00089	10/01/21 17:04	
Lithium	mg/L	ND	0.030	0.00073	10/01/21 17:04	
Molybdenum	mg/L	ND	0.010	0.00074	10/01/21 17:04	
Selenium	mg/L	ND	0.0050	0.0014	10/01/21 17:04	
Thallium	mg/L	ND	0.0010	0.00018	10/01/21 17:04	
Vanadium	mg/L	ND	0.010	0.0019	10/01/21 17:04	
Zinc	mg/L	ND	0.010	0.0070	10/01/21 17:04	

LABORATORY CONTROL SAMPLE: 3411036

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.097	97	80-120	
Arsenic	mg/L	0.1	0.098	98	80-120	
Barium	mg/L	0.1	0.092	92	80-120	
Beryllium	mg/L	0.1	0.10	100	80-120	
Boron	mg/L	1	1.0	102	80-120	
Cadmium	mg/L	0.1	0.10	100	80-120	
Chromium	mg/L	0.1	0.098	98	80-120	
Cobalt	mg/L	0.1	0.095	95	80-120	
Lead	mg/L	0.1	0.094	94	80-120	
Lithium	mg/L	0.1	0.10	102	80-120	
Molybdenum	mg/L	0.1	0.097	97	80-120	
Selenium	mg/L	0.1	0.099	99	80-120	
Thallium	mg/L	0.1	0.092	92	80-120	
Vanadium	mg/L	0.1	0.098	98	80-120	
Zinc	mg/L	0.1	0.099	99	80-120	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3411037 3411038

Parameter	Units	92562974009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	mg/L	ND	0.1	0.1	0.11	0.11	112	113	75-125	1	20	
Arsenic	mg/L	0.0020J	0.1	0.1	0.10	0.10	102	103	75-125	1	20	
Barium	mg/L	0.014	0.1	0.1	0.12	0.12	105	106	75-125	0	20	
Beryllium	mg/L	0.0071	0.1	0.1	0.099	0.098	92	91	75-125	1	20	
Boron	mg/L	1.4	1	1	2.3	2.4	84	95	75-125	5	20	
Cadmium	mg/L	0.00048J	0.1	0.1	0.10	0.10	103	101	75-125	2	20	
Chromium	mg/L	0.0040J	0.1	0.1	0.11	0.11	101	101	75-125	0	20	
Cobalt	mg/L	0.17	0.1	0.1	0.28	0.27	106	100	75-125	2	20	
Lead	mg/L	ND	0.1	0.1	0.090	0.090	90	90	75-125	0	20	
Lithium	mg/L	0.019J	0.1	0.1	0.11	0.11	95	90	75-125	4	20	
Molybdenum	mg/L	ND	0.1	0.1	0.11	0.11	109	112	75-125	3	20	
Selenium	mg/L	0.031	0.1	0.1	0.13	0.13	103	101	75-125	2	20	
Thallium	mg/L	0.00022J	0.1	0.1	0.089	0.090	89	90	75-125	1	20	
Vanadium	mg/L	ND	0.1	0.1	0.10	0.11	103	105	75-125	1	20	
Zinc	mg/L	0.19	0.1	0.1	0.30	0.29	106	101	75-125	2	20	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 650620
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92563313001, 92563313002, 92563313003, 92563313004, 92563313005, 92563313006, 92563313007, 92563313008, 92563313009, 92563313010, 92563313011, 92563313012, 92563313013, 92563313014, 92563313015, 92563313016, 92563313017, 92563313018, 92563313019, 92563313020

METHOD BLANK: 3412289
Matrix: Water

Associated Lab Samples: 92563313001, 92563313002, 92563313003, 92563313004, 92563313005, 92563313006, 92563313007, 92563313008, 92563313009, 92563313010, 92563313011, 92563313012, 92563313013, 92563313014, 92563313015, 92563313016, 92563313017, 92563313018, 92563313019, 92563313020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00078	10/04/21 15:35	
Arsenic	mg/L	ND	0.0050	0.0011	10/04/21 15:35	
Barium	mg/L	ND	0.0050	0.00067	10/04/21 15:35	
Beryllium	mg/L	ND	0.00050	0.000054	10/04/21 15:35	
Boron	mg/L	ND	0.040	0.0086	10/04/21 15:35	
Cadmium	mg/L	ND	0.00050	0.00011	10/04/21 15:35	
Chromium	mg/L	ND	0.0050	0.0011	10/04/21 15:35	
Cobalt	mg/L	ND	0.0050	0.00039	10/04/21 15:35	
Lead	mg/L	ND	0.0010	0.00089	10/04/21 15:35	
Lithium	mg/L	ND	0.030	0.00073	10/04/21 15:35	
Molybdenum	mg/L	ND	0.010	0.00074	10/04/21 15:35	
Selenium	mg/L	ND	0.0050	0.0014	10/04/21 15:35	
Thallium	mg/L	ND	0.0010	0.00018	10/04/21 15:35	
Vanadium	mg/L	ND	0.010	0.0019	10/04/21 15:35	
Zinc	mg/L	ND	0.010	0.0070	10/04/21 15:35	

LABORATORY CONTROL SAMPLE: 3412290

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.099	99	80-120	
Arsenic	mg/L	0.1	0.093	93	80-120	
Barium	mg/L	0.1	0.097	97	80-120	
Beryllium	mg/L	0.1	0.10	101	80-120	
Boron	mg/L	1	1.0	100	80-120	
Cadmium	mg/L	0.1	0.096	96	80-120	
Chromium	mg/L	0.1	0.095	95	80-120	
Cobalt	mg/L	0.1	0.096	96	80-120	
Lead	mg/L	0.1	0.099	99	80-120	
Lithium	mg/L	0.1	0.10	101	80-120	
Molybdenum	mg/L	0.1	0.096	96	80-120	
Selenium	mg/L	0.1	0.094	94	80-120	
Thallium	mg/L	0.1	0.10	102	80-120	
Vanadium	mg/L	0.1	0.098	98	80-120	
Zinc	mg/L	0.1	0.098	98	80-120	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3412303 3412304

Parameter	Units	92563313002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	mg/L	ND	0.1	0.1	0.097	0.099	97	99	75-125	1	20	
Arsenic	mg/L	0.0027J	0.1	0.1	0.099	0.097	96	94	75-125	2	20	
Barium	mg/L	0.098	0.1	0.1	0.21	0.21	116	116	75-125	0	20	
Beryllium	mg/L	ND	0.1	0.1	0.087	0.088	87	88	75-125	1	20	
Boron	mg/L	6.4	1	1	6.9	6.9	51	55	75-125	1	20	M1
Cadmium	mg/L	ND	0.1	0.1	0.093	0.094	93	94	75-125	1	20	
Chromium	mg/L	0.0018J	0.1	0.1	0.096	0.096	94	94	75-125	0	20	
Cobalt	mg/L	ND	0.1	0.1	0.093	0.094	93	94	75-125	1	20	
Lead	mg/L	ND	0.1	0.1	0.094	0.094	94	94	75-125	0	20	
Lithium	mg/L	0.016J	0.1	0.1	0.10	0.10	87	86	75-125	1	20	
Molybdenum	mg/L	0.12	0.1	0.1	0.22	0.22	94	99	75-125	2	20	
Selenium	mg/L	ND	0.1	0.1	0.098	0.096	97	95	75-125	2	20	
Thallium	mg/L	ND	0.1	0.1	0.097	0.097	97	97	75-125	1	20	
Vanadium	mg/L	0.0027J	0.1	0.1	0.099	0.099	96	96	75-125	0	20	
Zinc	mg/L	ND	0.1	0.1	0.099	0.096	98	95	75-125	3	20	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 650836
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: 6020 MET
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92563313021, 92563313022, 92563313023, 92563313024

METHOD BLANK: 3412999
Matrix: Water
Associated Lab Samples: 92563313021, 92563313022, 92563313023, 92563313024

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00078	10/05/21 15:42	
Arsenic	mg/L	ND	0.0050	0.0011	10/05/21 15:42	
Barium	mg/L	ND	0.0050	0.00067	10/05/21 15:42	
Beryllium	mg/L	ND	0.00050	0.000054	10/05/21 15:42	
Boron	mg/L	ND	0.040	0.0086	10/05/21 15:42	
Cadmium	mg/L	ND	0.00050	0.00011	10/05/21 15:42	
Chromium	mg/L	ND	0.0050	0.0011	10/05/21 15:42	
Cobalt	mg/L	ND	0.0050	0.00039	10/05/21 15:42	
Lead	mg/L	ND	0.0010	0.00089	10/05/21 15:42	
Lithium	mg/L	ND	0.030	0.00073	10/05/21 15:42	
Molybdenum	mg/L	ND	0.010	0.00074	10/05/21 15:42	
Selenium	mg/L	ND	0.0050	0.0014	10/05/21 15:42	
Thallium	mg/L	ND	0.0010	0.00018	10/05/21 15:42	
Vanadium	mg/L	ND	0.010	0.0019	10/05/21 15:42	
Zinc	mg/L	ND	0.010	0.0070	10/05/21 15:42	

LABORATORY CONTROL SAMPLE: 3413000

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.099	99	80-120	
Arsenic	mg/L	0.1	0.098	98	80-120	
Barium	mg/L	0.1	0.093	93	80-120	
Beryllium	mg/L	0.1	0.091	91	80-120	
Boron	mg/L	1	0.90	90	80-120	
Cadmium	mg/L	0.1	0.10	100	80-120	
Chromium	mg/L	0.1	0.096	96	80-120	
Cobalt	mg/L	0.1	0.095	95	80-120	
Lead	mg/L	0.1	0.097	97	80-120	
Lithium	mg/L	0.1	0.090	90	80-120	
Molybdenum	mg/L	0.1	0.10	102	80-120	
Selenium	mg/L	0.1	0.093	93	80-120	
Thallium	mg/L	0.1	0.096	96	80-120	
Vanadium	mg/L	0.1	0.098	98	80-120	
Zinc	mg/L	0.1	0.10	102	80-120	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3413001 3413002

Parameter	Units	92563313022 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	mg/L	ND	0.1	0.1	0.10	0.098	100	98	75-125	2	20	
Arsenic	mg/L	ND	0.1	0.1	0.097	0.097	97	97	75-125	0	20	
Barium	mg/L	0.024	0.1	0.1	0.12	0.12	95	93	75-125	2	20	
Beryllium	mg/L	ND	0.1	0.1	0.088	0.087	88	87	75-125	2	20	
Boron	mg/L	0.012J	1	1	0.89	0.89	87	88	75-125	0	20	
Cadmium	mg/L	ND	0.1	0.1	0.10	0.099	103	99	75-125	4	20	
Chromium	mg/L	ND	0.1	0.1	0.097	0.096	97	96	75-125	1	20	
Cobalt	mg/L	ND	0.1	0.1	0.099	0.096	99	96	75-125	3	20	
Lead	mg/L	ND	0.1	0.1	0.098	0.095	98	95	75-125	4	20	
Lithium	mg/L	ND	0.1	0.1	0.090	0.089	90	88	75-125	2	20	
Molybdenum	mg/L	ND	0.1	0.1	0.10	0.10	103	99	75-125	4	20	
Selenium	mg/L	ND	0.1	0.1	0.095	0.094	95	94	75-125	1	20	
Thallium	mg/L	ND	0.1	0.1	0.097	0.093	97	93	75-125	4	20	
Vanadium	mg/L	ND	0.1	0.1	0.097	0.098	97	98	75-125	1	20	
Zinc	mg/L	ND	0.1	0.1	0.10	0.10	102	102	75-125	0	20	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 651668
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: 6020 MET Dissolved
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92563313033

METHOD BLANK: 3417465
Matrix: Water
Associated Lab Samples: 92563313033

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony, Dissolved	mg/L	ND	0.0030	0.00078	10/08/21 14:49	
Arsenic, Dissolved	mg/L	ND	0.0050	0.0011	10/08/21 14:49	
Barium, Dissolved	mg/L	ND	0.0050	0.00067	10/08/21 14:49	
Beryllium, Dissolved	mg/L	ND	0.00050	0.000054	10/08/21 14:49	
Boron, Dissolved	mg/L	ND	0.040	0.0086	10/08/21 14:49	
Cadmium, Dissolved	mg/L	ND	0.00050	0.00011	10/08/21 14:49	
Chromium, Dissolved	mg/L	ND	0.0050	0.0011	10/08/21 14:49	
Cobalt, Dissolved	mg/L	ND	0.0050	0.00039	10/08/21 14:49	
Lead, Dissolved	mg/L	ND	0.0010	0.00089	10/08/21 14:49	
Lithium, Dissolved	mg/L	ND	0.030	0.00073	10/08/21 14:49	
Molybdenum, Dissolved	mg/L	ND	0.010	0.00074	10/08/21 14:49	
Selenium, Dissolved	mg/L	ND	0.0050	0.0014	10/08/21 14:49	
Thallium, Dissolved	mg/L	ND	0.0010	0.00018	10/08/21 14:49	
Vanadium, Dissolved	mg/L	ND	0.010	0.0019	10/08/21 14:49	
Zinc, Dissolved	mg/L	ND	0.010	0.0070	10/08/21 14:49	

LABORATORY CONTROL SAMPLE: 3417466

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony, Dissolved	mg/L	0.1	0.11	109	80-120	
Arsenic, Dissolved	mg/L	0.1	0.099	99	80-120	
Barium, Dissolved	mg/L	0.1	0.10	103	80-120	
Beryllium, Dissolved	mg/L	0.1	0.10	100	80-120	
Boron, Dissolved	mg/L	1	1.0	100	80-120	
Cadmium, Dissolved	mg/L	0.1	0.10	103	80-120	
Chromium, Dissolved	mg/L	0.1	0.097	97	80-120	
Cobalt, Dissolved	mg/L	0.1	0.096	96	80-120	
Lead, Dissolved	mg/L	0.1	0.099	99	80-120	
Lithium, Dissolved	mg/L	0.1	0.10	101	80-120	
Molybdenum, Dissolved	mg/L	0.1	0.10	101	80-120	
Selenium, Dissolved	mg/L	0.1	0.10	101	80-120	
Thallium, Dissolved	mg/L	0.1	0.098	98	80-120	
Vanadium, Dissolved	mg/L	0.1	0.097	97	80-120	
Zinc, Dissolved	mg/L	0.1	0.11	107	80-120	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3417467 3417468

Parameter	Units	92563578001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony, Dissolved	mg/L	ND	0.1	0.1	0.11	0.11	106	107	75-125	0	20	
Arsenic, Dissolved	mg/L	ND	0.1	0.1	0.10	0.10	98	98	75-125	0	20	
Barium, Dissolved	mg/L	ND	0.1	0.1	0.10	0.11	98	99	75-125	1	20	
Beryllium, Dissolved	mg/L	ND	0.1	0.1	0.091	0.091	91	91	75-125	0	20	
Boron, Dissolved	mg/L	ND	1	1	0.96	0.93	94	91	75-125	3	20	
Cadmium, Dissolved	mg/L	ND	0.1	0.1	0.10	0.099	102	99	75-125	3	20	
Chromium, Dissolved	mg/L	ND	0.1	0.1	0.091	0.092	91	92	75-125	1	20	
Cobalt, Dissolved	mg/L	ND	0.1	0.1	0.090	0.090	90	90	75-125	0	20	
Lead, Dissolved	mg/L	ND	0.1	0.1	0.095	0.090	94	90	75-125	5	20	
Lithium, Dissolved	mg/L	ND	0.1	0.1	0.094	0.092	94	92	75-125	3	20	
Molybdenum, Dissolved	mg/L	ND	0.1	0.1	0.099	0.096	98	96	75-125	3	20	
Selenium, Dissolved	mg/L	ND	0.1	0.1	0.097	0.097	96	96	75-125	0	20	
Thallium, Dissolved	mg/L	ND	0.1	0.1	0.094	0.089	94	89	75-125	5	20	
Vanadium, Dissolved	mg/L	ND	0.1	0.1	0.094	0.092	94	92	75-125	2	20	
Zinc, Dissolved	mg/L	ND	0.1	0.1	0.10	0.11	98	100	75-125	2	20	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 650960
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92563313001, 92563313002, 92563313003, 92563313004, 92563313005, 92563313006, 92563313007, 92563313008, 92563313009, 92563313010, 92563313011, 92563313012, 92563313013, 92563313014, 92563313015, 92563313016, 92563313017, 92563313018, 92563313019, 92563313020

METHOD BLANK: 3413803
Matrix: Water

Associated Lab Samples: 92563313001, 92563313002, 92563313003, 92563313004, 92563313005, 92563313006, 92563313007, 92563313008, 92563313009, 92563313010, 92563313011, 92563313012, 92563313013, 92563313014, 92563313015, 92563313016, 92563313017, 92563313018, 92563313019, 92563313020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	0.00010J	0.00020	0.000078	10/06/21 13:36	

LABORATORY CONTROL SAMPLE: 3413804

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.0025	0.0023	94	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3414368 3414369

Parameter	Units	92563313003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	0.00010J	0.0025	0.0025	0.0023	0.0022	87	84	75-125	3	20	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 650962
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: 7470 Mercury
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92563313021, 92563313022, 92563313023, 92563313024, 92563313025, 92563313026, 92563313027, 92563313028, 92563313029, 92563313030, 92563313031, 92563313032

METHOD BLANK: 3413822
Matrix: Water
Associated Lab Samples: 92563313021, 92563313022, 92563313023, 92563313024, 92563313025, 92563313026, 92563313027, 92563313028, 92563313029, 92563313030, 92563313031, 92563313032

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	0.00010J	0.00020	0.000078	10/06/21 14:57	

LABORATORY CONTROL SAMPLE: 3413823

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.0025	0.0026	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3413824 3413825

Parameter	Units	92563313021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	0.00010J	0.0025	0.0025	0.0025	0.0024	94	94	75-125	1	20	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 651340
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: 7470 Mercury Dissolved
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92563313033

METHOD BLANK: 3415817 Matrix: Water
Associated Lab Samples: 92563313033

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury, Dissolved	mg/L	ND	0.00020	0.000078	10/07/21 14:02	

LABORATORY CONTROL SAMPLE: 3415818

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	mg/L	0.0025	0.0026	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3415819 3415820

Parameter	Units	92563313033 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	mg/L	ND	0.0025	0.0025	0.0022	0.0024	87	94	75-125	7	20	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 649295
QC Batch Method: SM 2540C-2011
Analysis Method: SM 2540C-2011
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92563313001, 92563313002, 92563313003, 92563313004, 92563313005, 92563313006, 92563313007, 92563313008, 92563313009, 92563313010, 92563313011, 92563313012, 92563313025

METHOD BLANK: 3405734
Matrix: Water
Associated Lab Samples: 92563313001, 92563313002, 92563313003, 92563313004, 92563313005, 92563313006, 92563313007, 92563313008, 92563313009, 92563313010, 92563313011, 92563313012, 92563313025

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	09/27/21 10:19	

LABORATORY CONTROL SAMPLE: 3405735

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	394	98	90-111	

SAMPLE DUPLICATE: 3405736

Parameter	Units	92562283002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	174	168	4	10	

SAMPLE DUPLICATE: 3405737

Parameter	Units	92563313004 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	985	1080	9	10	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 649491
QC Batch Method: SM 2540C-2011
Analysis Method: SM 2540C-2011
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92563313026

METHOD BLANK: 3406451 Matrix: Water
Associated Lab Samples: 92563313026

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	09/28/21 10:55	

LABORATORY CONTROL SAMPLE: 3406452

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	394	98	90-111	

SAMPLE DUPLICATE: 3406453

Parameter	Units	92563313026 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	527	536	2	10	

SAMPLE DUPLICATE: 3406454

Parameter	Units	92562857001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	86.0	80.0	7	10	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 649722
QC Batch Method: SM 2540C-2011
Analysis Method: SM 2540C-2011
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92563313013, 92563313014, 92563313015, 92563313016, 92563313017, 92563313018, 92563313019, 92563313020, 92563313021, 92563313027, 92563313028, 92563313029, 92563313031, 92563313032

METHOD BLANK: 3407437
Matrix: Water
Associated Lab Samples: 92563313013, 92563313014, 92563313015, 92563313016, 92563313017, 92563313018, 92563313019, 92563313020, 92563313021, 92563313027, 92563313028, 92563313029, 92563313031, 92563313032

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	09/29/21 18:44	

LABORATORY CONTROL SAMPLE: 3407438

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	403	101	90-111	

SAMPLE DUPLICATE: 3407439

Parameter	Units	92562974003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	406	412	1	10	

SAMPLE DUPLICATE: 3407440

Parameter	Units	92563313019 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	51.0	47.0	8	10	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 650109
QC Batch Method: SM 2540C-2011
Analysis Method: SM 2540C-2011
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Peachtree Corners, GA
Associated Lab Samples: 92563313022, 92563313023, 92563313024, 92563313030

METHOD BLANK: 3409662 Matrix: Water
Associated Lab Samples: 92563313022, 92563313023, 92563313024, 92563313030

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	10.0	10.0	09/30/21 18:57	

LABORATORY CONTROL SAMPLE: 3409663

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	400	396	99	90-111	

SAMPLE DUPLICATE: 3409664

Parameter	Units	92563226001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	277	284	2	10	

SAMPLE DUPLICATE: 3409665

Parameter	Units	92563599002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	78.0	85.0	9	10	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 649415
QC Batch Method: EPA 300.0 Rev 2.1 1993
Analysis Method: EPA 300.0 Rev 2.1 1993
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92563313001, 92563313002, 92563313003, 92563313004, 92563313005, 92563313006, 92563313007, 92563313008, 92563313009, 92563313010, 92563313011, 92563313012, 92563313013, 92563313014, 92563313015, 92563313016, 92563313017

METHOD BLANK: 3406128
Matrix: Water

Associated Lab Samples: 92563313001, 92563313002, 92563313003, 92563313004, 92563313005, 92563313006, 92563313007, 92563313008, 92563313009, 92563313010, 92563313011, 92563313012, 92563313013, 92563313014, 92563313015, 92563313016, 92563313017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	09/27/21 06:19	
Fluoride	mg/L	ND	0.10	0.050	09/27/21 06:19	
Sulfate	mg/L	ND	1.0	0.50	09/27/21 06:19	

LABORATORY CONTROL SAMPLE: 3406129

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	50.0	100	90-110	
Fluoride	mg/L	2.5	2.5	102	90-110	
Sulfate	mg/L	50	51.5	103	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3406130 3406131

Parameter	Units	92562974010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	6.1	50	50	59.7	60.7	107	109	90-110	2	10	
Fluoride	mg/L	0.071J	2.5	2.5	2.9	2.9	114	115	90-110	1	10	M1
Sulfate	mg/L	258	50	50	303	305	91	94	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3406132 3406133

Parameter	Units	92563313008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	103	50	50	150	150	94	94	90-110	0	10	
Fluoride	mg/L	ND	2.5	2.5	3.9	3.7	156	146	90-110	6	10	M1
Sulfate	mg/L	433	50	50	482	481	98	96	90-110	0	10	

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QUALITY CONTROL DATA

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

QC Batch: 649417
QC Batch Method: EPA 300.0 Rev 2.1 1993
Analysis Method: EPA 300.0 Rev 2.1 1993
Analysis Description: 300.0 IC Anions
Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92563313018, 92563313019, 92563313020, 92563313021, 92563313022, 92563313023, 92563313024, 92563313025, 92563313026, 92563313027, 92563313028, 92563313029, 92563313030, 92563313031, 92563313032

METHOD BLANK: 3406135 Matrix: Water

Associated Lab Samples: 92563313018, 92563313019, 92563313020, 92563313021, 92563313022, 92563313023, 92563313024, 92563313025, 92563313026, 92563313027, 92563313028, 92563313029, 92563313030, 92563313031, 92563313032

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	09/26/21 23:56	
Fluoride	mg/L	ND	0.10	0.050	09/26/21 23:56	
Sulfate	mg/L	ND	1.0	0.50	09/26/21 23:56	

LABORATORY CONTROL SAMPLE: 3406136

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	45.2	90	90-110	
Fluoride	mg/L	2.5	2.3	93	90-110	
Sulfate	mg/L	50	48.2	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3406137 3406138

Parameter	Units	92563313018 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	38.9	50	50	91.2	92.8	105	108	90-110	2	10	
Fluoride	mg/L	ND	2.5	2.5	2.7	2.8	110	114	90-110	4	10	M1
Sulfate	mg/L	905	50	50	955	950	99	90	90-110	1	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3406139 3406140

Parameter	Units	92563313028 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	ND	50	50	52.1	53.7	104	107	90-110	3	10	
Fluoride	mg/L	ND	2.5	2.5	2.8	2.9	112	114	90-110	2	10	M1
Sulfate	mg/L	ND	50	50	57.6	59.4	115	119	90-110	3	10	M1

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QUALIFIERS

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

A separate vial preserved to a pH of 4-5 is recommended in SW846 Chapter 4 for the analysis of Acrolein and Acrylonitrile by EPA Method 8260.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92563313001	**GWA-7**				
92563313002	**GWB-4R**				
92563313003	**GWB-5R**				
92563313004	**GWB-6R**				
92563313005	**MW-26D**				
92563313006	**MW-27D**				
92563313007	**GWA-8**				
92563313008	**GWC-11**				
92563313009	**GWC-12**				
92563313010	**GWC-13**				
92563313011	**GWC-22**				
92563313013	**GWC-2**				
92563313014	**GWC-9**				
92563313015	**GWC-14**				
92563313016	**GWC-16**				
92563313017	**GWC-17**				
92563313018	**GWC-20**				
92563313019	**GWC-21**				
92563313020	**MW-23D**				
92563313021	**MW-24D**				
92563313022	**MW-25D**				
92563313023	**GWC-1**				
92563313024	**GWC-15**				
92563313001	**GWA-7**	EPA 3010A	650645	EPA 6010D	650720
92563313002	**GWB-4R**	EPA 3010A	650645	EPA 6010D	650720
92563313003	**GWB-5R**	EPA 3010A	650645	EPA 6010D	650720
92563313004	**GWB-6R**	EPA 3010A	650645	EPA 6010D	650720
92563313005	**MW-26D**	EPA 3010A	650645	EPA 6010D	650720
92563313006	**MW-27D**	EPA 3010A	650645	EPA 6010D	650720
92563313007	**GWA-8**	EPA 3010A	650645	EPA 6010D	650720
92563313008	**GWC-11**	EPA 3010A	650645	EPA 6010D	650720
92563313009	**GWC-12**	EPA 3010A	650645	EPA 6010D	650720
92563313010	**GWC-13**	EPA 3010A	650645	EPA 6010D	650720
92563313011	**GWC-22**	EPA 3010A	650645	EPA 6010D	650720
92563313012	**FB-1**	EPA 3010A	650645	EPA 6010D	650720
92563313013	**GWC-2**	EPA 3010A	650645	EPA 6010D	650720
92563313014	**GWC-9**	EPA 3010A	650645	EPA 6010D	650720
92563313015	**GWC-14**	EPA 3010A	650645	EPA 6010D	650720
92563313016	**GWC-16**	EPA 3010A	650645	EPA 6010D	650720
92563313017	**GWC-17**	EPA 3010A	650645	EPA 6010D	650720
92563313018	**GWC-20**	EPA 3010A	650645	EPA 6010D	650720
92563313019	**GWC-21**	EPA 3010A	650645	EPA 6010D	650720
92563313020	**MW-23D**	EPA 3010A	650645	EPA 6010D	650720
92563313021	**MW-24D**	EPA 3010A	650835	EPA 6010D	650941
92563313022	**MW-25D**	EPA 3010A	650835	EPA 6010D	650941
92563313023	**GWC-1**	EPA 3010A	650835	EPA 6010D	650941
92563313024	**GWC-15**	EPA 3010A	650835	EPA 6010D	650941
92563313025	**EB-1**	EPA 3010A	650835	EPA 6010D	650941

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92563313026	**DUP-1**	EPA 3010A	650835	EPA 6010D	650941
92563313027	**EB-2**	EPA 3010A	650835	EPA 6010D	650941
92563313028	**FB-2**	EPA 3010A	650835	EPA 6010D	650941
92563313029	**DUP-2**	EPA 3010A	650835	EPA 6010D	650941
92563313030	**EB-3**	EPA 3010A	650835	EPA 6010D	650941
92563313031	**FB-3**	EPA 3010A	650835	EPA 6010D	650941
92563313032	**DUP-3**	EPA 3010A	650835	EPA 6010D	650941
92563313033	**GWA-7**	EPA 3010A	650878	EPA 6010D	650935
92563313001	**GWA-7**	EPA 3005A	650620	EPA 6020B	650691
92563313002	**GWB-4R**	EPA 3005A	650620	EPA 6020B	650691
92563313003	**GWB-5R**	EPA 3005A	650620	EPA 6020B	650691
92563313004	**GWB-6R**	EPA 3005A	650620	EPA 6020B	650691
92563313005	**MW-26D**	EPA 3005A	650620	EPA 6020B	650691
92563313006	**MW-27D**	EPA 3005A	650620	EPA 6020B	650691
92563313007	**GWA-8**	EPA 3005A	650620	EPA 6020B	650691
92563313008	**GWC-11**	EPA 3005A	650620	EPA 6020B	650691
92563313009	**GWC-12**	EPA 3005A	650620	EPA 6020B	650691
92563313010	**GWC-13**	EPA 3005A	650620	EPA 6020B	650691
92563313011	**GWC-22**	EPA 3005A	650620	EPA 6020B	650691
92563313012	**FB-1**	EPA 3005A	650620	EPA 6020B	650691
92563313013	**GWC-2**	EPA 3005A	650620	EPA 6020B	650691
92563313014	**GWC-9**	EPA 3005A	650620	EPA 6020B	650691
92563313015	**GWC-14**	EPA 3005A	650620	EPA 6020B	650691
92563313016	**GWC-16**	EPA 3005A	650620	EPA 6020B	650691
92563313017	**GWC-17**	EPA 3005A	650620	EPA 6020B	650691
92563313018	**GWC-20**	EPA 3005A	650620	EPA 6020B	650691
92563313019	**GWC-21**	EPA 3005A	650620	EPA 6020B	650691
92563313020	**MW-23D**	EPA 3005A	650620	EPA 6020B	650691
92563313021	**MW-24D**	EPA 3005A	650836	EPA 6020B	650948
92563313022	**MW-25D**	EPA 3005A	650836	EPA 6020B	650948
92563313023	**GWC-1**	EPA 3005A	650836	EPA 6020B	650948
92563313024	**GWC-15**	EPA 3005A	650836	EPA 6020B	650948
92563313025	**EB-1**	EPA 3005A	650361	EPA 6020B	650438
92563313026	**DUP-1**	EPA 3005A	650361	EPA 6020B	650438
92563313027	**EB-2**	EPA 3005A	650361	EPA 6020B	650438
92563313028	**FB-2**	EPA 3005A	650361	EPA 6020B	650438
92563313029	**DUP-2**	EPA 3005A	650361	EPA 6020B	650438
92563313030	**EB-3**	EPA 3005A	650361	EPA 6020B	650438
92563313031	**FB-3**	EPA 3005A	650361	EPA 6020B	650438
92563313032	**DUP-3**	EPA 3005A	650361	EPA 6020B	650438
92563313033	**GWA-7**	EPA 3005A	651668	EPA 6020B	651701
92563313001	**GWA-7**	EPA 7470A	650960	EPA 7470A	651159
92563313002	**GWB-4R**	EPA 7470A	650960	EPA 7470A	651159
92563313003	**GWB-5R**	EPA 7470A	650960	EPA 7470A	651159
92563313004	**GWB-6R**	EPA 7470A	650960	EPA 7470A	651159
92563313005	**MW-26D**	EPA 7470A	650960	EPA 7470A	651159

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Pace Analytical Services, LLC
110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92563313006	**MW-27D**	EPA 7470A	650960	EPA 7470A	651159
92563313007	**GWA-8**	EPA 7470A	650960	EPA 7470A	651159
92563313008	**GWC-11**	EPA 7470A	650960	EPA 7470A	651159
92563313009	**GWC-12**	EPA 7470A	650960	EPA 7470A	651159
92563313010	**GWC-13**	EPA 7470A	650960	EPA 7470A	651159
92563313011	**GWC-22**	EPA 7470A	650960	EPA 7470A	651159
92563313012	**FB-1**	EPA 7470A	650960	EPA 7470A	651159
92563313013	**GWC-2**	EPA 7470A	650960	EPA 7470A	651159
92563313014	**GWC-9**	EPA 7470A	650960	EPA 7470A	651159
92563313015	**GWC-14**	EPA 7470A	650960	EPA 7470A	651159
92563313016	**GWC-16**	EPA 7470A	650960	EPA 7470A	651159
92563313017	**GWC-17**	EPA 7470A	650960	EPA 7470A	651159
92563313018	**GWC-20**	EPA 7470A	650960	EPA 7470A	651159
92563313019	**GWC-21**	EPA 7470A	650960	EPA 7470A	651159
92563313020	**MW-23D**	EPA 7470A	650960	EPA 7470A	651159
92563313021	**MW-24D**	EPA 7470A	650962	EPA 7470A	651162
92563313022	**MW-25D**	EPA 7470A	650962	EPA 7470A	651162
92563313023	**GWC-1**	EPA 7470A	650962	EPA 7470A	651162
92563313024	**GWC-15**	EPA 7470A	650962	EPA 7470A	651162
92563313025	**EB-1**	EPA 7470A	650962	EPA 7470A	651162
92563313026	**DUP-1**	EPA 7470A	650962	EPA 7470A	651162
92563313027	**EB-2**	EPA 7470A	650962	EPA 7470A	651162
92563313028	**FB-2**	EPA 7470A	650962	EPA 7470A	651162
92563313029	**DUP-2**	EPA 7470A	650962	EPA 7470A	651162
92563313030	**EB-3**	EPA 7470A	650962	EPA 7470A	651162
92563313031	**FB-3**	EPA 7470A	650962	EPA 7470A	651162
92563313032	**DUP-3**	EPA 7470A	650962	EPA 7470A	651162
92563313033	**GWA-7**	EPA 7470A	651340	EPA 7470A	651423
92563313001	**GWA-7**	SM 2540C-2011	649295		
92563313002	**GWB-4R**	SM 2540C-2011	649295		
92563313003	**GWB-5R**	SM 2540C-2011	649295		
92563313004	**GWB-6R**	SM 2540C-2011	649295		
92563313005	**MW-26D**	SM 2540C-2011	649295		
92563313006	**MW-27D**	SM 2540C-2011	649295		
92563313007	**GWA-8**	SM 2540C-2011	649295		
92563313008	**GWC-11**	SM 2540C-2011	649295		
92563313009	**GWC-12**	SM 2540C-2011	649295		
92563313010	**GWC-13**	SM 2540C-2011	649295		
92563313011	**GWC-22**	SM 2540C-2011	649295		
92563313012	**FB-1**	SM 2540C-2011	649295		
92563313013	**GWC-2**	SM 2540C-2011	649722		
92563313014	**GWC-9**	SM 2540C-2011	649722		
92563313015	**GWC-14**	SM 2540C-2011	649722		
92563313016	**GWC-16**	SM 2540C-2011	649722		
92563313017	**GWC-17**	SM 2540C-2011	649722		
92563313018	**GWC-20**	SM 2540C-2011	649722		
92563313019	**GWC-21**	SM 2540C-2011	649722		

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Pace Analytical Services, LLC
110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92563313020	**MW-23D**	SM 2540C-2011	649722		
92563313021	**MW-24D**	SM 2540C-2011	649722		
92563313022	**MW-25D**	SM 2540C-2011	650109		
92563313023	**GWC-1**	SM 2540C-2011	650109		
92563313024	**GWC-15**	SM 2540C-2011	650109		
92563313025	**EB-1**	SM 2540C-2011	649295		
92563313026	**DUP-1**	SM 2540C-2011	649491		
92563313027	**EB-2**	SM 2540C-2011	649722		
92563313028	**FB-2**	SM 2540C-2011	649722		
92563313029	**DUP-2**	SM 2540C-2011	649722		
92563313030	**EB-3**	SM 2540C-2011	650109		
92563313031	**FB-3**	SM 2540C-2011	649722		
92563313032	**DUP-3**	SM 2540C-2011	649722		
92563313001	**GWA-7**	EPA 300.0 Rev 2.1 1993	649415		
92563313002	**GWB-4R**	EPA 300.0 Rev 2.1 1993	649415		
92563313003	**GWB-5R**	EPA 300.0 Rev 2.1 1993	649415		
92563313004	**GWB-6R**	EPA 300.0 Rev 2.1 1993	649415		
92563313005	**MW-26D**	EPA 300.0 Rev 2.1 1993	649415		
92563313006	**MW-27D**	EPA 300.0 Rev 2.1 1993	649415		
92563313007	**GWA-8**	EPA 300.0 Rev 2.1 1993	649415		
92563313008	**GWC-11**	EPA 300.0 Rev 2.1 1993	649415		
92563313009	**GWC-12**	EPA 300.0 Rev 2.1 1993	649415		
92563313010	**GWC-13**	EPA 300.0 Rev 2.1 1993	649415		
92563313011	**GWC-22**	EPA 300.0 Rev 2.1 1993	649415		
92563313012	**FB-1**	EPA 300.0 Rev 2.1 1993	649415		
92563313013	**GWC-2**	EPA 300.0 Rev 2.1 1993	649415		
92563313014	**GWC-9**	EPA 300.0 Rev 2.1 1993	649415		
92563313015	**GWC-14**	EPA 300.0 Rev 2.1 1993	649415		
92563313016	**GWC-16**	EPA 300.0 Rev 2.1 1993	649415		
92563313017	**GWC-17**	EPA 300.0 Rev 2.1 1993	649415		
92563313018	**GWC-20**	EPA 300.0 Rev 2.1 1993	649417		
92563313019	**GWC-21**	EPA 300.0 Rev 2.1 1993	649417		
92563313020	**MW-23D**	EPA 300.0 Rev 2.1 1993	649417		
92563313021	**MW-24D**	EPA 300.0 Rev 2.1 1993	649417		
92563313022	**MW-25D**	EPA 300.0 Rev 2.1 1993	649417		
92563313023	**GWC-1**	EPA 300.0 Rev 2.1 1993	649417		
92563313024	**GWC-15**	EPA 300.0 Rev 2.1 1993	649417		
92563313025	**EB-1**	EPA 300.0 Rev 2.1 1993	649417		
92563313026	**DUP-1**	EPA 300.0 Rev 2.1 1993	649417		
92563313027	**EB-2**	EPA 300.0 Rev 2.1 1993	649417		
92563313028	**FB-2**	EPA 300.0 Rev 2.1 1993	649417		
92563313029	**DUP-2**	EPA 300.0 Rev 2.1 1993	649417		
92563313030	**EB-3**	EPA 300.0 Rev 2.1 1993	649417		
92563313031	**FB-3**	EPA 300.0 Rev 2.1 1993	649417		
92563313032	**DUP-3**	EPA 300.0 Rev 2.1 1993	649417		

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110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: GRUMMAN ROAD LANDFILL
Pace Project No.: 92563313

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch

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Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 1 of 2
	Document No.: F-CAR-CS-059-Rev.07	Issuing Authority: Pace Carolinas Quality Office

Laboratory receiving samples:
Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☑ Kernersville ☐

Sample Condition Upon Receipt

Client Name: GA power

Project #: WO# : 92563313

92563313

Courier: ☐ Commercial ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Pace ☐ Other:

Custody Seal Present? ☐ Yes ☑ No **Seals Intact?** ☐ Yes ☑ No

Date/Initials Person Examining Contents: JHR 9/24/

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ None ☑ Other

Biological Tissue Frozen? ☐ Yes ☑ No ☐ N/A

Thermometer: ☐ IR Gun ID: 232 ☑ Wet ☐ Blue ☐ None

Type of Ice:

Cooler Temp: 2.3 **Correction Factor: Add/Subtract (°C)** ±0.1

Temp should be above freezing to 6°C
☐ Samples out of temp criteria. Samples on ice, cooling process has begun

Cooler Temp Corrected (°C): 2.4

USDA Regulated Soil (☐ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☑ No

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☑ No

					Comments/Discrepancy:
Chain of Custody Present?	☑ Yes	☐ No	☐ N/A	1.	
Samples Arrived within Hold Time?	☑ Yes	☐ No	☐ N/A	2.	
Short Hold Time Analysis (<72 hr)?	☐ Yes	☑ No	☐ N/A	3.	
Rush Turn Around Time Requested?	☐ Yes	☑ No	☐ N/A	4.	
Sufficient Volume?	☑ Yes	☐ No	☐ N/A	5.	
Correct Containers Used?	☑ Yes	☐ No	☐ N/A	6.	
-Pace Containers Used?	☑ Yes	☐ No	☐ N/A		
Containers Intact?	☑ Yes	☐ No	☐ N/A	7.	
Dissolved analysis: Samples Field Filtered?	☑ Yes	☐ No	☐ N/A	8.	
Sample Labels Match COC?	☑ Yes	☐ No	☐ N/A	9.	
-Includes Date/Time/ID/Analysis Matrix: GW					
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☐ No	☑ N/A	10.	
Trip Blank Present?	☐ Yes	☐ No	☑ N/A	11.	
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☑ N/A		

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: **Date:**

Project Manager SRF Review: **Date:**

Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 2 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LL-Hg

****Bottom half of box is to list number of bottles**

Project # **WO# : 92563313**

PM: MHG Due Date: 10/08/21

CLIENT: GA-GA Power

Sample #	BP4N-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3N-250 mL Plastic Unpreserved (N/A)	BP2N-500 mL Plastic Unpreserved (N/A)	BP1N-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic Zn Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (Cl-)	WGKU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG4S-250 mL Amber H2SO4 (pH < 2)	AG1M(DG9L)-250 mL Amber NaHSO4 (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9B-40 mL VOA H3PO4 (N/A)	VG9AB (6 vials per kit)-5035 kit (N/A)	VG9A (3 vials per kit)-Vitr/Glass kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - tbl)	SP5T-250 mL Sterile Plastic (N/A - tbl)	BOTTLE	BP4U-250 mL Plastic (NaO)2S2O4 (3.1-9.7)	AG0U-100 mL Amber Unpreserved vials (N/A)	VG0U-20 mL Unpreserved vials (N/A)	DG9Q-40 mL Amber Unpreserved vials (N/A)
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12																												

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DENR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 2 of 2
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LL-Hg

****Bottom half of box is to list number of bottles**

Project # **WO# : 92563313**

PM: NMG Due Date: 10/08/21

CLIENT: GA-GA Power

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (D+)	BP2U-250 mL Plastic Unpreserved (N/A)	BP3U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4N-125 mL Plastic H2SO4 (pH < 2) (D+)	BP3N-250 mL plastic H2SO4 (pH < 2)	BP4Z-125 mL Plastic Zn Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (D+)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (D+)	AG1H-1 liter Amber HCl (pH < 2)	AG5U-250 mL Amber Unpreserved (N/A) (D+)	AG1N-1 liter Amber H2SO4 (pH < 2)	AG5N-250 mL Amber H2SO4 (pH < 2)	AG4S-250 mL Amber NaHSO4 (N/A)(D+)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG8M-40 mL VOA NaHSO4 (N/A)	VG4G (6 vials per bag)-Methylene bl (N/A)	VG6A (6 vials per bag)-5035 kit (N/A)	VG6U-Sterile Plastic (N/A – Tab)	SP5T-125 mL Sterile Plastic (N/A – Tab)	SP2T-250 mL Sterile Plastic (N/A – Tab)	[illegible]	BP3A-250 mL Plastic (NaH2PO4 (5.3-9.7))	AG0U-100 mL Amber Unpreserved vials (N/A)	VG0U-20 mL Scintillation vials (N/A)	DG0U-40 mL Amber Unpreserved VOA Vials (N/A)
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pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compl ance samples, a copy of this form will be sent to the North Carolina DEHNR Certif cation Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

Pace Analytical	Document Name: Sample Condition Upon Receipt(SCUR)	Document Revised: October 28, 2020 Page 3 of 3
	Document No.: F-CAR-CS-033-Rev.07	Issuing Authority: Pace Carolinas Quality Office

***Check mark top half of box if pH and/or dechlorination is verified and within the acceptance range for preservation samples.**

Exceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, Lllg

****Bottom half of box is to list number of bottles**

Project # **WO# : 92563313**

PM: NHG Due Date: 10/08/21

CLIENT: GR-GR Power

Sample #	BP4N-125 mL Plastic Unpreserved (N/A) (CL-)	BP3C-250 mL Plastic Unpreserved (N/A)	BP3U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (CL-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4C-125 mL Plastic NaOH (pH > 12) (CL-)	WGKU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (CL-)	AG1H-1 liter Amber HCl (pH < 2)	AG0U-250 mL Amber Unpreserved (N/A) (CL-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG0S-250 mL Amber H2SO4 (pH < 2)	AG3S(DOC)-250 mL Amber H2SO4 (N/A)(CL-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unp (N/A)	DG9B-40 mL VOA NaHSO4 (N/A)	VG9A (3 vials per bdg)-vial/pkg Kit (N/A)	VG9A (6 vials per bdg)-5035 kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - Int)	SP2T-250 mL Sterile Plastic (N/A - Int)	[illegible]	BPN-250 mL Plastic (NaOH)SO4 (9.3 & 7)	AG0U-250 mL Amber Unpreserved-dark (N/A)	VG0U-20 mL Scintillation vials (N/A)	DG9X-40 mL Amber Dechlorinated Vials (N/A)
1		1	1			1																							
2		1	1			1																							
3		1	1			1																							
4		1	1			1																							
5		1	1			1																							
6		1	1			1																							
7		1	1			1																							
8		1	1			1																							
9						1																							
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers.

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

1 of 4

Page: 1 of 5 (AS)

Section A
Required Client Information:

Company: GA Power
Address: Atlanta, GA
Email To: SCS Contacts
Phone: Fax:
Requested Due Date/TAT: 10 Day

Section B
Required Project Information:

Report To: SCS Contacts
Copy To: ACC Contacts
Purchase Order No.:
Project Name: Grumman Road Landfill
Project Number:

Section C
Invoice Information:

Attention: Southern Co.
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Kevin Herring
Pace Profile #: 10843

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☑ OTHER

Site Location STATE: GA

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	TIME	COMPOSITE END/GRAB DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test ↓	226	Combustible Cyanide 335.3	Fecal Coliform 9222D	Total Coliform 9222B	Residual Chlorine (Y/N)	Pace Project No./Lab I.D.
1	GWA-7	GW	G	9/21/21	955	—	—		5	✓		✓							✓	✓	✓	✓		Field pH = 6.07
2	GWB-4R	GW	G	9/21/21	1145	—	—		5	✓		✓							✓	✓	✓	✓		Field pH = 5.78
3	GWB-5R	GW	G	9/21/21	1235	—	—		4	✓		✓							✓	✓	✓	✓		Field pH = 4.48
4	GWB-10R	GW	G	9/21/21	1115	—	—		5	✓		✓							✓	✓	✓	✓		Field pH = 5.40
5	MW-26D	GW	G	9/21/21	1045	—	—		5	✓		✓							✓	✓	✓	✓		Field pH = 5.83
6	MW-27D	GW	G	9/21/21	1145	—	—		5	✓		✓							✓	✓	✓	✓		Field pH = 5.97
7	GWA-8	GW	G	9/21/21	945	—	—		5	✓		✓							✓	✓	✓	✓		Field pH = 4.44
8	GWC-11	GW	G	9/21/21	~~1245~~ 1240	—	—		5	✓		✓							✓	✓	✓	✓		Field pH = 4.92
9	GWC-12	GW	G	9/21/21	~~1055~~ 1057	—	—		5	✓		✓							✓	✓	✓	✓		Field pH = 4.85
10	GWC-13	GW	G	9/21/21	820	—	—		5	✓		✓							✓	✓	✓	✓		Field pH = 4.33
11	GWC-22	GW	G	9/21/21	1400	—	—		5	✓		✓							✓	✓	✓	✓		Field pH = 4.72
12	FB-1	GW	G	9/21/21	945	—	—		5	✓		✓							✓	✓	✓	✓		Field pH = NA

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Note: Note: where the last sample for the event has been taken	[signature]	9/21/21	0918	[signature]	9/21	0918	
Values=B,Ca,Fe,Al,Sr,Ba,Mn,Cd,Co,Cu,Ni,Pb,Li,Mo,Se,Tl,V,Zn,Hg							

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Aqua Whitfield

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 9/21/21 0918

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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Section A Required Client Information:
Company: GA Power
Address: Atlanta, GA
Email To: SCS Contacts
Phone: Fax:
Requested Due Date/TAT: 10-Day

Section B Required Project Information:
Report To: SCS Contacts
Copy To: ACC Contacts
Purchase Order No.:
Project Name: Grumman Road Landfill
Project Number:

Section C Invoice Information:
Attention: Southern Co.
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Kevin Harding
Pace Profile #: 10843

REGULATORY AGENCY
☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☒ OTHER: CCR
Site Location STATE: GA

Section D Required Client Information
Valid Matrix Codes: WATER WT; WASTE WATER WW; PRODUCT P; SOLID/SOIL SL; OIL OL; WIPE WP; AIR AIR; TISSUE TS; OTHER OT

ITEM #	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid matrix codes)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test ↓	Requested Analysis Filtered (Y/N)				Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
																		Y/N	N	N	N	N		
1	GWC-2	GW	G	9/22/21	1430	—	—		5	✓		✓							✓	✓	✓	✓			field pH = 4.71
2	GWC-9	GW	G	9/22/21	1303	—	—		5	✓		✓							✓	✓	✓	✓			field pH = 4.70
3	GWC-14	GW	G	9/22/21	1640	—	—		5	✓		✓							✓	✓	✓	✓			field pH = 5.76
4	GWC-16	GW	G	9/22/21	1109	—	—		5	✓		✓							✓	✓	✓	✓			field pH = 5.57
5	GWC-17	GW	G	9/22/21	1240	—	—		5	✓		✓							✓	✓	✓	✓			field pH = 4.63
6	GWC-20	GW	G	9/22/21	1405	—	—		5	✓		✓							✓	✓	✓	✓			field pH = 6.00
7	GWC-21	GW	G	9/22/21	940	—	—		5	✓		✓							✓	✓	✓	✓			field pH = 5.39
8	MW-23D	GW	G	9/22/21	1600	—	—		5	✓		✓							✓	✓	✓	✓			field pH = 6.37
9	MW-24D	GW	G	9/22/21	1225	—	—		5	✓		✓							✓	✓	✓	✓			field pH = 6.76
10	MW-25D	GW	G	9/23/21	1005	—	—		5	✓		✓							✓	✓	✓	✓			field pH = 6.21
11	GWC-1	GW	G	9/23/21	910	—	—		5	✓		✓							✓	✓	✓	✓			field pH = 6.66
12	GWC-15	GW	G	9/23/21	1558	—	—		5	✓		✓							✓	✓	✓	✓			field pH = 6.48

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Please Note: Where the last sample for the event has been taken	[signature]	9/24/21	0918	[signature]	9/24	0918	

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Aaron Schuller
SIGNATURE of SAMPLER: [signature]
DATE Signed (MM/DD/YY): 9/22/21 0918

Temp in °C | Received on Ice (Y/N) | Custody Seals Intact (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.0% per month for any invoices not paid within 30 days.

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

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Section A Required Client Information

Company: GA Power
Address: Atlanta, GA
Email To: SCS Contacts
Phone: Fax:
Requested Due Date/T.A.T.: 10 Day

Section B Required Project Information

Report To: SCS Contacts
Copy To: ACC Contacts
Purchase Order No.:
Project Name: Grumman Road Landfill
Project Number:

Section C Invoice Information

Attention: Southern Co.
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Kevin Herring
Pace Profile #: 10843

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☒ OTHER RCR

Site Location STATE: GA

Section D Required Client Information — Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
TISSUE	TS
OTHER	OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start DATE	TIME	Composite End DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test ↓	Requested Analysis Filtered (Y/N)											Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
																			N	N	N	N									
1	~~EB-1~~ EB-1	W	G	9/21/21	1125	—	—		5	✓		✓							✓	✓	✓	✓									~~Field pH =~~
2	DUP-1	W	G	9/21/21	—	—	—		5	✓		✓							✓	✓	✓	✓									~~Field pH =~~
3	EB-2	W	G	9/21/21	1145	—	—		5	✓		✓							✓	✓	✓	✓									~~Field pH =~~
4	FB-2	W	G	9/21/21	1240	—	—		5	✓		✓							✓	✓	✓	✓									~~Field pH =~~
5	DUP-2	W	G	9/21/21	—	—	—		5	✓		✓							✓	✓	✓	✓	✓								~~Field pH =~~
6	EB-3	W	G	9/21/21	900	—	—		5	✓		✓							✓	✓	✓	✓	✓								~~Field pH =~~
7	FB-3	W	G	9/21/21	1345	—	—		5	✓		✓							✓	✓	✓	✓	✓								~~Field pH =~~
8	DUP-3	W	G	9/21/21	—	—	—		5	✓		✓							✓	✓	✓	✓	✓								~~Field pH =~~
9																															Field pH =
10																															Field pH =
11																															Field pH =
12																															Field pH =

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Please note when the last sample for the event has been taken.	[signature]	9/24/21	0918	[signature]	9/24	0918	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Anna Schnatter

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 9/21/21

Temp in °C | Received on Ice (Y/N) | Custody Seals Intact (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 4 of 5 4&4 RS

Section A Required Client Information:
Company: GA Power
Address: Atlanta, GA
Report To: SCS Contacts
Copy To: SCS Contacts
Phone: Fax:
Requested Due Date/TAT: 10 Day

Section B Required Project Information:
Report To: SCS Contacts
Copy To: ACC Contacts
Purchase Order No.:
Project Name: Grumman Road Landfill
Project Number:

Section C Invoice Information:
Attention: Southern Co.
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager: Kevin Hering
Pace Profile #: 10843

REGULATORY AGENCY: ☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER ☐ UST ☐ RCRA ☒ OTHER
Site Location STATE: GA

Section D Required Client Information — Valid Matrix Codes: WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AIR; TISSUE TS; DRINKING WATER DW; SAMPLE TYPE (G=GRAB, C=COMP)

ITEM #	SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE	SAMPLE TYPE	COLLECTED DATE	COLLECTED TIME	COMPOSITE START DATE	COMPOSITE START TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analysis Test ↓	TSS	Dissolved Fluoride/Sulfate 300.0	Fecal Coliform Permit Means	E.coli (SM9223)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
																		Requested Analysis Filtered (Y/N)			Y			
1	BWA-7	✓	G	9/2/21	1935	—	—	4	1			✓									✓			Field Field
2																								field pH =
3																								field pH =
4																								field pH =
5																								field pH =
6																								field pH =
7																								field pH =
8																								field pH =
9																								field pH =
10																								field pH =
11																								field pH =
12																								field pH =

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Note: Note when the last sample for the event has been taken.	[signature]	9/2/21	0918	see page	9/2/21	0918	

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Anna Schmittler
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 9/2/21

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-Feb-2007

August 19, 2021

Darwin Thomas
Apex Laboratories
6700 S.W. Sandburg Street
Tigard, OR 97223

RE: Report of Findings, Measurement of Potassium Permanganate and Sodium Persulfate SOD
Client ID: A1F1062.
PRIMA ID: Apex-Anchor

Dear Mr. Thomas:

This letter report describes the results of the soil oxidant demand (SOD) measurement conducted by PRIMA Environmental, Inc on soil samples from your site. The oxidants used were potassium permanganate ($KMnO_4$) and sodium persulfate (SP). Oxidant demand was measured at a single timepoint (48 hours).

Sample Receipt and Preparation

Two soil samples were received on June 30, 2021. Sample volume was extremely limited. Samples were stored at 4-7°C.

Materials

Potassium Permanganate, $KMnO_4$. Reagent grade $KMnO_4$ was used in this study. Dilute solutions were prepared as needed by dissolving the appropriate amount of solid $KMnO_4$ in deionized (DI) water.

Sodium Persulfate, SP. Klozur® brand sodium persulfate was obtained from Peroxychem (www.peroxychem.com). Concentrated stock solutions were prepared as needed by dissolving the appropriate amount of solid SP in deionized (DI) water.

Procedures

$KMnO_4$ SOD. For each soil, three vials containing 5 g soil and 10 mL of $KMnO_4$ solution were prepared. Each vial contained a different initial concentration of $KMnO_4$: 1,000, 5,000 mg/L or 20,000 mg/L $KMnO_4$. The vials were placed on a shaker table. At

5070 Robert J. Mathews Parkway, Suite 300, El Dorado Hills, CA 95762
Ph (916) 939-7300 • Fax (916) 939-7398
www.primaenvironmental.com

approximately 48 hours, the vials were destructively sampled and the residual $KMnO_4$ was measured colorimetrically by PRIMA. The SOD is the mass of oxidant consumed, divided by the amount of soil used in the test.

Sodium Persulfate SOD. For each soil, two reactors were set. Each reactor contained 10 g soil and 20 mL of either a low (5 g/L) or high (15 g/L) dose of SP. The reactors were placed on a shaker table. At approximately 48 hours, the reactors were destructively sampled and the residual SP was measured using FAS/KMnO4 titration. The SOD is the mass of oxidant consumed, divided by the amount of soil used in the test.

Results

$KMnO_4$ SOD. The results of the $KMnO_4$ SOD test are shown in **Table 1**. $KMnO_4$ was completely consumed by MW-27 20-22 soil, indicating that the SOD is greater than 40,400 mg $KMnO_4$/kg soil. For 23/24/25 Comp, the SOD was 30,400 mg $KMnO_4$/kg.

SP SOD. The results of the SP SOD test are shown in **Table 2**. SOD ranged from 3.8 to 8.0 g SP/kg soil for MW-27 20-22 and from 1.2 to 4.0 g SP/kg soil for 23/24/25 Comp. Increased SOD with increasing initial concentration of SP is a common phenomenon.

If you have any questions regarding these results, please give me a call at 916-939-7300. Thank you for the opportunity to be of service.

Sincerely,
PRIMA Environmental, Inc.

Cindy G. Schreier, Ph.D.
President

Attachments

Table 1. Potassium Permanganate 48hr SOD.

Soil ID	Initial $KMnO_4$	$KMnO_4$ Remaining	$KMnO_4$ Consumed**
	mg/L	mg/L	mg/L
MW-27 20-22	1,010	< 2	> 2,020
	5,090	< 2	> 10,200
	20,200	< 2	> 40,400
23/24/25 Comp	1,010	< 2	> 2,020
	5,090	< 2	> 10,200
	20,200	5,020	30,400

** wet-weight basis

Table 2. Sodium Persulfate 48hr SOD.

Soil ID	Initial SP	SP Remaining	SP Consumed**
	mg/L	mg/L	mg/L
MW-27 20-22	5	3.0	3.8
	15	11	8.0
23/24/25 Comp	5	4.3	1.2
	15	13	4.0

** wet-weight basis

HAS

SUBCONTRACT ORDER

Apex Laboratories

CB 6/30/21 **A1F1062**

SENDING LABORATORY:

Apex Laboratories
6700 S.W. Sandburg Street
Tigard, OR 97223
Phone: (503) 718-2323
Fax: (503) 336-0745
Project Manager: Darwin Thomas

RECEIVING LABORATORY:

Prima Environmental
5070 Robert J Mathews Parkway Suite 300
El Dorado Hills, CA 95762
Phone :(916) 939-7300
Fax: (916) 939-7398

Sample Name: MW-27 20-22 **Soil** **Sampled: 06/29/21 09:00** (A1F1062-01)

Analysis	Due	Expires	Comments
Subcontract Outside	07/13/21 17:00	12/26/21 09:00	Persulfate Oxidant Demand & Permanganate Oxidant Demand
Containers Supplied: (A)2 oz Glass Jar (B)2 oz Glass Jar			

1/2 conts read 23/24/25

Sample Name: 23/24/25 comp **Soil** **Sampled: 06/29/21 09:05** (A1F1062-02)

Analysis	Due	Expires	Comments
Subcontract Outside	07/13/21 17:00	12/26/21 09:05	Persulfate Oxidant Demand & Permanganate Oxidant Demand
Containers Supplied: (A)2 oz Glass Jar (B)2 oz Glass Jar			

Standard TAT

Released By	Date	Received By	Date
[signature]	6/29/21	Fed Ex (Shipper)	
Fed Ex (Shipper)		[signature] PRIMA	6/30/21 1013

5070 Robert J Mathews Parkway, Suite 300
El Dorado Hills, CA 95762
916-939-7300
www.primaenvironmental.com

Sample Receipt Summary

Date/Time: 6-30-2021 10:13

Client/Company: APEX

Project: Anchor - SDD

	Yes	No	N/A
Custody seals intact?	☐	☐	X
Chain of custody Present?	X	☐	☐
If no, list number of samples and Sample ID			
Ice present?	X	☐	☐
If no, what is temperature? _____			
Samples in good condition?	X	☐	☐
If no, explain:			
Do sample IDs on containers match IDs on COC?	X	☐	☐
If no, explain:			

Other Comments:

Very limited sample volume

ALS Environmental
ALS Group USA, Corp
1317 South 13th Avenue
Kelso, WA 98626
T : +1 360 577 7222
F : +1 360 636 1068
www.alsglobal.com

May 25, 2021

Analytical Report for Service Request No: K2105528

Jessica Goin
Anchor QEA, LLC
421 SW Sixth Ave.
Suite 750
Portland, OR 97204

RE: Grumman Road

Dear Jessica,

Enclosed are the results of the sample(s) submitted to our laboratory May 18, 2021
For your reference, these analyses have been assigned our service request number **K2105528.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3376. You may also contact me via email at Mark.Harris@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

for Mark Harris
Project Manager

ALS Environmental
ALS Group USA, Corp
1317 South 13th Avenue
Kelso, WA 98626
T : +1 360 577 7222
F : +1 360 636 1068
www.alsglobal.com

Table of Contents

Acronyms
Qualifiers
State Certifications, Accreditations, And Licenses
Case Narrative
Chain of Custody
Metals
Raw Data
    Metals

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Case Narrative

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

1317 South 13th Ave, Kelso, WA 98626 | 1-360-577-7222 | www.alsglobal.com

Client: Anchor QEA, LLC
Project: Grumman Road
Sample Matrix: Ground Water

Service Request: K2105528
Date Received: 05/18/2021

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.

Sample Receipt:

Two ground water samples were received for analysis at ALS Environmental on 05/18/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

Approved by _____ Date 05/25/2021

Chain of Custody

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

Chain of Custody Record & Laboratory Analysis Request

Date: 5/11/21
Project Name: [illegible]
Project Manager: Jessica Gorin
Sampler: [illegible]
Signature Matrix: PCBEA

ASCENT ENV

Jessica Gorin
6777 SW Macadam Ave
Suite 125
Portland OR 97219

#	Field Sample ID	Collection Date/Time	Matrix	Total Hg	Cl and SO4	Total Al, Ba, Fe, Mn	Cu, Pb, Mo, Se, Zn	Ammonia	Sulfide	Sulfate	Chloride/Nitrate	TOC	DOC	Dissolved Organic Carbon	[illegible]
1	GR_12M21_GW1-15	5/10/21 13:[illegible]	GW	X	X	X	X	X	X	X	X	X	X	X	X
2	GR_12M21_GW1-20	5/10/21 [illegible]													
3	GR_12M21_1_30	5/10/21 [illegible]													
4	GR_12M21_MB	5/10/21 [illegible]													
5															
6															
7															
8															
9															
10															
11															
12															
13															
14															

Relinquished by: [illegible] Company: ASCENT ENV
Date/Time: 5/11/21@1110
Received by: [illegible] Company: [illegible]
Date/Time: 5/11/21 [illegible]

Cooler Receipt and Preservation Form

Client _____ Service Request (SR) _____

Received _____ Opened _____ By _____ Unwrapped _____ By _____

1	Samples arrived in:	USPS	FedEx	UPS	DHL	FDX	Courier	Hand Delivered
2	Samples were received in a cooler:	Cooler	Box	Envelope	Other		N/A
3	Were custody seals on cooler?	N/A	Y	N	If yes, how many and where:		
	If present, were intact and signature and date?		Y	N	If present, were they broken upon receipt?		Y N
4	Were temperature blank samples received?	N/A	Y	N	Place temperature blank in the appropriate cooler below		
	If no, state the temperature of refrigerated samples not accompanied by a temperature blank in the cooler where the samples were received: Sample Temp						
5	Were samples received within the method-specified temperature range?					N/A	Y N
	Did samples arrive in good condition and were they properly preserved? (If not, notify the PM)					N/A	Y N

*If applicable, how samples were received: Ranger Portable Freezer Filtered

Temp Blank	Sample Temp	IR Gun	Cooler #/COC ID # N/A	Out of temp indicate with "X"	PM Notified if out of temp	Tracking Number N/A	Tag

6 Was sample taken in: Bottle Reagent Bottle Rinse Acid Washed Filter for Dry Ice Other

7	Were custody papers properly filled out (ink, signed, etc.)?	N/A	Y N
8	Were sample containers in good condition (no breakage)?	N/A	Y N
9	Were all sample labels complete (analysis, preservation, etc.)?	N/A	Y N
10	Did all sample labels and tags agree with custody papers?	N/A	Y N
11	Were appropriate bottles/containers and volumes received for the tests indicated?	N/A	Y N
12	Were the pH-preserved bottles (VOAs, HAs, etc.) checked at the appropriate rate? (Not applicable to bottles received at least 24 hours after collection)	N/A	Y N
13	Were VOA vials free of visible headspace? (Bubbles in the vial are not acceptable)	N/A	Y N
14	Was a 10% Bleach rinse required?	N/A	Y N

Sample ID on Bottle	Sample ID on COC	Identified by:

Sample ID	Bottle Count Bottle Type	Head-space	Broken	pH	Reagent	Volume added	Reagent Lot Number	Initials	Time

Notes, Discrepancies, Resolutions

Metals

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105528
Project:	Grumman Road	**Date Collected:**	05/14/21 12:30
Sample Matrix:	Ground Water	**Date Received:**	05/18/21 09:40
Sample Name:	GR_12M21_GWC15	**Basis:**	NA
Lab Code:	K2105528-001		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**263**	ug/L	1.3	0.2	1	05/24/21 12:02	05/20/21	
Iron	6020A	**273**	ug/L	5.0	0.8	1	05/24/21 12:02	05/20/21	
Manganese	6020A	**272**	ug/L	0.50	0.10	1	05/24/21 12:02	05/20/21	
Molybdenum	6020A	**91.0**	ug/L	0.25	0.08	1	05/24/21 12:02	05/20/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105528
Project:	Grumman Road	**Date Collected:**	05/14/21 12:30
Sample Matrix:	Ground Water	**Date Received:**	05/18/21 09:40
Sample Name:	GR_12M21_GWC15	**Basis:**	NA
Lab Code:	K2105528-001		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**269**	ug/L	1.3	0.2	1	05/24/21 11:53	05/20/21	
Iron	6020A	**288**	ug/L	5.0	0.8	1	05/24/21 11:53	05/20/21	
Manganese	6020A	**275**	ug/L	0.50	0.10	1	05/24/21 11:53	05/20/21	
Molybdenum	6020A	**89.5**	ug/L	0.25	0.08	1	05/24/21 11:53	05/20/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105528
Project:	Grumman Road	**Date Collected:**	05/13/21 14:25
Sample Matrix:	Ground Water	**Date Received:**	05/18/21 09:40
Sample Name:	GR_12M21_GWC20	**Basis:**	NA
Lab Code:	K2105528-002		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**262**	ug/L	1.3	0.2	1	05/24/21 12:03	05/20/21	
Iron	6020A	**403**	ug/L	5.0	0.8	1	05/24/21 12:03	05/20/21	
Manganese	6020A	**100**	ug/L	0.50	0.10	1	05/24/21 12:03	05/20/21	
Molybdenum	6020A	**531**	ug/L	0.25	0.08	1	05/24/21 12:03	05/20/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105528
Project:	Grumman Road	**Date Collected:**	05/13/21 14:25
Sample Matrix:	Ground Water	**Date Received:**	05/18/21 09:40
Sample Name:	GR_12M21_GWC20	**Basis:**	NA
Lab Code:	K2105528-002		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**262**	ug/L	1.3	0.2	1	05/24/21 12:00	05/20/21	
Iron	6020A	**405**	ug/L	5.0	0.8	1	05/24/21 12:00	05/20/21	
Manganese	6020A	**100**	ug/L	0.50	0.10	1	05/24/21 12:00	05/20/21	
Molybdenum	6020A	**531**	ug/L	0.25	0.08	1	05/24/21 12:00	05/20/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105528
Project:	Grumman Road	**Date Collected:**	NA
Sample Matrix:	Ground Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2108843-01		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	0.50	0.09	1	05/24/21 11:51	05/20/21	
Iron	6020A	ND	U	ug/L	2.0	0.3	1	05/24/21 11:51	05/20/21	
Manganese	6020A	ND	U	ug/L	0.20	0.04	1	05/24/21 11:51	05/20/21	
Molybdenum	6020A	ND	U	ug/L	0.10	0.03	1	05/24/21 11:51	05/20/21	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105528
Project	Grumman Road	**Date Collected:**	05/14/21
Sample Matrix:	Ground Water	**Date Received:**	05/18/21
		Date Analyzed:	05/24/21

Replicate Sample Summary
Total Metals

Sample Name:	GR_12M21_GWC15	**Units:**	ug/L
Lab Code:	K2105528-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2108843-03 Result	Average	RPD	RPD Limit
Arsenic	6020A	1.3	0.2	269	264	267	2	20
Iron	6020A	5.0	0.8	288	274	281	5	20
Manganese	6020A	0.50	0.10	275	270	273	2	20
Molybdenum	6020A	0.25	0.08	89.5	89.2	89.4	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Printed 5/24/2021 6:48:48 PM

Superset Reference:

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105528
Project:	Grumman Road	**Date Collected:**	05/14/21
Sample Matrix:	Ground Water	**Date Received:**	05/18/21
		Date Analyzed:	05/24/21
		Date Extracted:	05/20/21

Matrix Spike Summary
Total Metals

Sample Name:	GR_12M21_GWC15	**Units:**	ug/L
Lab Code:	K2105528-001	**Basis:**	NA
Analysis Method:	6020A		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2108843-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	269	398	125	103	75-125
Iron	288	404	125	93	75-125
Manganese	275	338	62.5	102 #	75-125
Molybdenum	89.5	156	62.5	107	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105528
Project:	Grumman Road	**Date Analyzed:**	05/24/21
Sample Matrix:	Ground Water		

Lab Control Sample Summary
Total Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2108843-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6020A	51.0	50.0	102	80-120
Iron	6020A	50.1	50.0	100	80-120
Manganese	6020A	25.2	25.0	101	80-120
Molybdenum	6020A	24.4	25.0	98	80-120

ALS Group USA, Corp.
dba ALS Environmental

Prep Summary Report

Client: Anchor QEA, LLC
Project: Grumman Road
Sample Matrix: Ground Water

Service Request: K2105528

Metals

Prep Method: EPA CLP ILM04.0
Analytical Method: 6020A

Extraction Lot: 379792
Extraction Date: 05/20/21 12:06

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Amount	Percent Solids
GR_12M21_GWC15	K2105528-001	5/14/21	5/18/21	4.0 mL	10 mL	
GR_12M21_GWC20	K2105528-002	5/13/21	5/18/21	4.0 mL	10 mL	
GR_12M21_GWC15	K2105528-001	5/14/21	5/18/21	4.0 mL	10 mL	
GR_12M21_GWC20	K2105528-002	5/13/21	5/18/21	4.0 mL	10 mL	
Method Blank	KQ2108843-01MB	NA	NA	10 mL	10 mL	
Lab Control Sample	KQ2108843-02LCS	NA	NA	10 mL	10.3 mL	
Duplicate	KQ2108843-03DUP	5/14/21	5/18/21	4.0 mL	10 mL	
Matrix Spike	KQ2108843-04MS	5/14/21	5/18/21	4.0 mL	10.3 mL	

Client: Anchor QEA, LLC **Service Request:** K2105528
Project: Grumman Road

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits
ICV 05/24/21 11:30						
Arsenic	6020A	724692	25.0	25.0	100	90-110
Iron	6020A	724692	48.6	50.0	97	90-110
Manganese	6020A	724692	24.5	25.0	98	90-110
Molybdenum	6020A	724692	24.9	25.0	100	90-110
CCV 05/24/21 11:32						
Arsenic	6020A	724692	25.1	25.0	101	90-110
Iron	6020A	724692	250	250	100	90-110
Manganese	6020A	724692	25.4	25.0	101	90-110
Molybdenum	6020A	724692	12.3	12.5	99	90-110
CCV 05/24/21 12:04						
Arsenic	6020A	724692	25.0	25.0	100	90-110
Iron	6020A	724692	250	250	100	90-110
Manganese	6020A	724692	25.5	25.0	102	90-110
Molybdenum	6020A	724692	12.6	12.5	100	90-110

Client: Anchor QEA, LLC **Service Request:** K2105528
Project: Grumman Road

INITIAL AND CONTINUING CALIBRATION BLANKS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	C
ICB 05/24/21 11:33				
Arsenic	6020A	724692	0.09	U
Iron	6020A	724692	0.3	U
Manganese	6020A	724692	0.04	U
Molybdenum	6020A	724692	0.03	U
CCB 05/24/21 11:34				
Arsenic	6020A	724692	0.09	U
Iron	6020A	724692	0.4	J
Manganese	6020A	724692	0.04	U
Molybdenum	6020A	724692	0.03	U
CCB 05/24/21 12:06				
Arsenic	6020A	724692	0.09	U
Iron	6020A	724692	0.3	U
Manganese	6020A	724692	0.04	U
Molybdenum	6020A	724692	0.03	U

Client: Anchor QEA, LLC **Service Request:** K2105528
Project: Grumman Road

LOW LEVEL INITIAL AND LOW LEVEL CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
LLICV							
Arsenic	6020A	724692	0.54	0.5	107	70-130	05/24/21 11:36
Iron	6020A	724692	2.4	2.0	121	70-130	05/24/21 11:36
Manganese	6020A	724692	0.22	0.2	112	70-130	05/24/21 11:36
Molybdenum	6020A	724692	0.12	0.1	120	70-130	05/24/21 11:36
LLCCV							
Arsenic	6020A	724692	0.55	0.5	111	70-130	05/24/21 12:07
Iron	6020A	724692	2.1	2.0	105	70-130	05/24/21 12:07
Manganese	6020A	724692	0.19	0.2	95	70-130	05/24/21 12:07
Molybdenum	6020A	724692	0.11	0.1	105	70-130	05/24/21 12:07

Client: Anchor QEA, LLC **Service Request:** K2105528
Project: Grumman Road

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSA **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Arsenic	6020A	724692	0.18	-	-	-	05/24/21 11:37
Iron	6020A	724692	45500	-	-	-	05/24/21 11:37
Manganese	6020A	724692	1.00	-	-	-	05/24/21 11:37
Molybdenum	6020A	724692	51.0	-	-	-	05/24/21 11:37

Client: Anchor QEA, LLC **Service Request:** K2105528
Project: Grumman Road

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSAB **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Arsenic	6020A	724692	25.1	25.0	100	80-120	05/24/21 11:39
Iron	6020A	724692	46600	-	-	-	05/24/21 11:39
Manganese	6020A	724692	51.5	50.0	103	80-120	05/24/21 11:39
Molybdenum	6020A	724692	49.8	-	-	-	05/24/21 11:39

Client: Anchor QEA, LLC **Service Request:** K2105528
Project: Grumman Road

POST SPIKE SAMPLE RECOVERY

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Post Spike Result	True Value	% Rec	% Rec. Limits	Analysis Date
K2105528-001A								
Arsenic	6020A	724692	108	125	20.0	85 #	80-120	05/24/21 11:57
Iron	6020A	724692	115	128	20.0	62 #	80-120	05/24/21 11:57
Manganese	6020A	724692	110	127	20.0	85 #	80-120	05/24/21 11:57
Molybdenum	6020A	724692	35.8	55.4	20.0	98	80-120	05/24/21 11:57

Results flagged with a pound (#) indicate the control criteria is not applicable.

Client: Anchor QEA, LLC **Service Request:** K2105528
Project: Grumman Road

ICP SERIAL DILUTIONS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Serial Dillution Result	% Diff	% Diff. Limit	Analysis Date
K2105528-001SDL							
Arsenic	6020A	724692	108	106	1	10	05/24/21 11:56
Iron	6020A	724692	115	114	1	10	05/24/21 11:56
Manganese	6020A	724692	110	111	1	10	05/24/21 11:56
Molybdenum	6020A	724692	35.8	35.7	0	10	05/24/21 11:56

Client: Anchor QEA, LLC **Service Request:** K2105528
Project: Grumman Road/

Detection Limits

Instrument: K-ICP-MS-06 **Matrix:** Ground Water

Analyte	Mass	Units	MRL	MDL	Method
Arsenic	75	ug/L	0.5	0.09	6020A
Iron	56	ug/L	2	0.3	6020A
Manganese	55	ug/L	0.2	0.04	6020A
Molybdenum	95	ug/L	0.1	0.03	6020A

Client: Anchor QEA, LLC **Service Request:** K2105528
Project: Grumman Road/

ICP Linear Range (Quarterly)

Instrument: K-ICP-MS-06

Analyte	Concentration (ug/L)	Method
Arsenic 75	4500	6020A
Iron 56	45000	6020A
Manganese 55	9000	6020A
Molybdenum 95	4500	6020A

Client: Anchor QEA, LLC **Service Request:** K2105528
Project: Grumman Road/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **724692**

Sample	Dilution Factor	Date/Time	As	Fe	Mn	Mo
ZZZZZZ	1	05/24/21 11:27				
ZZZZZZ	1	05/24/21 11:29				
ICV	1	05/24/21 11:30	X	X	X	X
CCV	1	05/24/21 11:32	X	X	X	X
ICB	1	05/24/21 11:33	X	X	X	X
CCB	1	05/24/21 11:34	X	X	X	X
LLICVW	1	05/24/21 11:36	X	X	X	X
ICSA	1	05/24/21 11:37	X	X	X	X
ICSAB	1	05/24/21 11:39	X	X	X	X
ZZZZZZ	1	05/24/21 11:40				
KQ2108843-01MB	1	05/24/21 11:51	X	X	X	X
KQ2108843-02LCS	1	05/24/21 11:52	X	X	X	X
K2105528-001	1	05/24/21 11:53	X	X	X	X
K2105528-001DUP	1	05/24/21 11:55	X	X	X	X
K2105528-001SDL	5	05/24/21 11:56	X	X	X	X
K2105528-001PS	1	05/24/21 11:57	X	X	X	X
K2105528-001MS	1	05/24/21 11:59	X	X	X	X
K2105528-002	1	05/24/21 12:00	X	X	X	X
K2105528-001	1	05/24/21 12:02	X	X	X	X
K2105528-002	1	05/24/21 12:03	X	X	X	X
CCV	1	05/24/21 12:04	X	X	X	X
CCB	1	05/24/21 12:06	X	X	X	X
LLCCVW	1	05/24/21 12:07	X	X	X	X
ZZZZZZ	1	05/24/21 12:09				
ZZZZZZ	1	05/24/21 12:10				
ZZZZZZ	1	05/24/21 12:11				
ZZZZZZ	1	05/24/21 12:13				
ZZZZZZ	1	05/24/21 12:14				
ZZZZZZ	1	05/24/21 12:15				
ZZZZZZ	1	05/24/21 12:17				
ZZZZZZ	5	05/24/21 12:18				
ZZZZZZ	1	05/24/21 12:20				
ZZZZZZ	1	05/24/21 12:21				
ZZZZZZ	1	05/24/21 12:22				
ZZZZZZ	1	05/24/21 12:24				
ZZZZZZ	1	05/24/21 12:25				
ZZZZZZ	1	05/24/21 12:26				

Client: Anchor QEA, LLC **Service Request:** K2105528
Project: Grumman Road/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **724692**

Sample	Date/Time	Ge72He	In115He
ZZZZZZ	05/24/21 11:27		
ZZZZZZ	05/24/21 11:29		
ICV	05/24/21 11:30	98	98
CCV	05/24/21 11:32	99	99
ICB	05/24/21 11:33	100	98
CCB	05/24/21 11:34	99	98
LLICVW	05/24/21 11:36	100	99
ICSA	05/24/21 11:37	101	97
ICSAB	05/24/21 11:39	100	99
ZZZZZZ	05/24/21 11:40		
KQ2108843-01MB	05/24/21 11:51	100	100
KQ2108843-02LCS	05/24/21 11:52	99	101
K2105528-001	05/24/21 11:53	104	105
K2105528-001DUP	05/24/21 11:55	105	105
K2105528-001SDL	05/24/21 11:56	106	106
K2105528-001PS	05/24/21 11:57	106	104
K2105528-001MS	05/24/21 11:59	106	104
K2105528-002	05/24/21 12:00	103	101
K2105528-001	05/24/21 12:02	108	106
K2105528-002	05/24/21 12:03	105	102
CCV	05/24/21 12:04	109	107
CCB	05/24/21 12:06	105	105
LLCCVW	05/24/21 12:07	109	106
ZZZZZZ	05/24/21 12:09		
ZZZZZZ	05/24/21 12:10		
ZZZZZZ	05/24/21 12:11		
ZZZZZZ	05/24/21 12:13		
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ZZZZZZ	05/24/21 12:17		
ZZZZZZ	05/24/21 12:18		
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ZZZZZZ	05/24/21 12:22		
ZZZZZZ	05/24/21 12:24		
ZZZZZZ	05/24/21 12:25		
ZZZZZZ	05/24/21 12:26		

Raw Data

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

Metals

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

Preparation Information Benchsheet

Prep Run:	319792	**Prep Workflow**	[illegible]	**Status**	Prepared	**Prep Date:**	[illegible]
Team	Metals	**Prep Method**	[illegible]	**Current Step:**	Digestion	**Due Date**	[illegible]
Analyst	[illegible]	**Rush/NPDES:**	[illegible]			**Hold Date**	[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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6 Total Samples consisting of 3 C and Samples, 2 C and QC Samples, 2 Batch QC Samples associated with the current Prep Run

Spiking Solutions

Name	Type	ID	Expires	Name	Type	ID	Expires
[illegible]	Aqua	[illegible]	[illegible]	[illegible]	Solid	[illegible]	[illegible]
[illegible]	Aqua	[illegible]	[illegible]	[illegible]	Solid	[illegible]	[illegible]

Preparation Materials

Step	Name	ID	Step	Name	ID
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			

Preparation Hardware / Equipment

Step	Name	Property	Value	Step	Name	Property	Value
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]				

Preparation Steps

Step	Start/End	Finished	By	Assisted By	Temp (C)	Comments
	[illegible]	[illegible]				
[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	

Comments

[illegible]

Review

Reviewed By: [illegible] Date: [illegible]

ICPMS LCSW AND SPIKING SOLUTIONS

5.0mL to 500mL Dilution of Inorganics Ventures QCP-CCV-1
Sample 1/100 QCP-CCV-1

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Al	10000	100
Ba	10000	100
Co	2500	25
Mn	2500	25
Ni	2500	25
V	2500	25
Zn	2500	25
Cu	1250	12.5
Ag	1250	12.5
Cr	1000	10
Be	250	2.5

0.1mL to 100mL Dilution of 1000ppm Sn
Sample 1ug/mL Sn

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Sn	1000	10

5.0mL to 500mL Dilution of Inorganics Ventures QCP-CICV-3
Sample 1/100 QCP-CICV-3

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
As	5000	50
Pb	5000	50
Se	5000	50
Tl	5000	50
Ca	2500	25

0.5mL to 100mL Dilution of 1000 ppm Mo and 1000 ppm U
Sample Mo/U 5ppm

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Mo	5000	25
U	5000	25

Preparation Information Benchsheet

Prep Run	[illegible]	**Prep Workflow**	Metals [illegible]	**Status:**	Draft	**Prep Date.**	05/20/2021 09:45 [illegible]
Team	Metals	**Prep Method**	EPA CLP [illegible]	**Current Step:**	Digestion	**Due Date**	05/21/2021
Analyst	ABGYER	**Rush/NPDES.**	RUSH			**Hold Date**	11/05/2021

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]

6 Total Samples consisting of 3 Client Samples, 1 Client QC Samples, 2 Batch QC Samples associated with the current Prep Run

Spiking Solutions

Name	Type	ID	Expires	Name	Type	ID	Expires
[illegible]	Solid	[illegible]	[illegible]	[illegible]	Solid	[illegible]	[illegible]
[illegible]	Solid	[illegible]	[illegible]	[illegible]	Solid	[illegible]	[illegible]

Preparation Materials

Preparation Hardware / Equipment

Preparation Steps

Step	Started	Completed	By	Approved By	Temp(C)	Comments
[illegible]					[illegible]	

Comments

[illegible]

Review

[illegible] Date

Service Request # K2105528; K2104969, K2104970
Calibration: 052421AICPMS06
ALS LIMS Run# 724692
Pipette IDs: 16006318, 19070685, 18010244
Pipette Check Due. 08/19/21
Cal Std: MS27-97-I ICSA: MS27-97-D
ICV Std: MS27-97-J ICSAB: MS27-97-E
LLICV Std: MS27-97-K
I.S. Solution MS27-87-I
Tune Std MS27-86-C

ICP-MS Data Review Form

		Yes	No	NA
1.	Appropriate standardization completed	X		
2	ICV in control (+/- 10%)	X		
3	CCV's in control (+/- 10%)	X		
4.	ICB/CCB's below MRL	X		
5.	LLICV standard analyzed and in control	X		
6.	ICS standards within 20% of true value	X		
6	All analytes within instrument linear range	X		
7.	Adequate rinse out time allowed	X		
8	Internal standards in control	X		
9.	Interferences checked	X		
10	Was the run terminated? If so, why		X	

See Benchsheet exception report for sample batch QC information
Comments

Prep Batches: 379792, 379051

Primary Review by [illegible] Date [illegible]

Secondary Review by [illegible] Date [illegible]

Data Review Form

Instrument ID# K-ICP-MS-06
Data File Name. R:\ICPMS\DATA\K-ICP-MS-06 (Agilent 7800)\052421A.csv
RUNNO. 724692

K2104969

No exceptions to report.

K2104970

No exceptions to report.

K2105526

No exceptions to report.

Primary Approver
Secondary Approver

Page 1 of 1

	Sample		Data File	Acq. Date-Time	Type	L	Sample Name	C	Vial Number
1			001CALIB	2021-05-24 11:25:06 A	CalBlk		PRIMER		2
2			002CALIB	2021-05-24 11:26:29 A	CalBlk		RINSE		1
3			003CALIB	2021-05-24 11:27:52 A	CalBlk		Blank		1
4			004CALIB	2021-05-24 11:29:14 A	CalStd		25ppb		2
5			005 ICV	2021-05-24 11:30:39 A	ICV		ICV		2101
6			006 CCV	2021-05-24 11:32:04 A	CCV		CCV		2
7			007 CCB	2021-05-24 11:33:27 A	CCB		ICB		-
8			008 CCB	2021-05-24 11:34:51 A	CCB		CCB		-
9			009LCV	2021-05-24 11:36:15 A	LLCV		LLCVW		2102
10			010CSA	2021-05-24 11:37:37 A	CSA		ICSA		2103
11			011ICSAB	2021-05-24 11:39:01 A	CSB		ICSAB		2104
12			012SMPL	2021-05-24 11:40:22 A	Sample		MC S1D		2105
13			013 PBS	2021-05-24 11:41:44 A	PBS		KQ2103884.1.01		1101
14			014 LCS	2021-05-24 11:42:25 A	LCS		KQ2103884.1.02		1102
15			015 AHH	2021-05-24 11:43:47 A	AHH		K2105528.001		1103
16			016SMPL	2021-05-24 11:45:10 A	Sample		KQ2103884.1.03		1104
17			017SMPL	2021-05-24 11:46:32 A	Sample		K2105528.001	D	1105
18	*		018 PDS	2021-05-24 11:47:55 A	PDS		K2105528.001	*	1106
19			019 SPK	2021-05-24 11:49:18 A	Spike		KQ2103884.1.04		1107
20			020SMPL	2021-05-24 12:00:41 P	Sample		K2105528.002		1108
21			021SMPL	2021-05-24 12:02:04 P	Sample		K2105528.003	D	1109
22			022SMPL	2021-05-24 12:03:26 P	Sample		K2105528.003	D	1110
23			023 CCV	2021-05-24 12:04:51 P	CCV		CCV		2
24			024 CCB	2021-05-24 12:06:14 P	CCB		CCB		-
25			025LCCV	2021-05-24 12:07:37 P	LLCCV		LLCCVW		2102
26			026 PBS	2021-05-24 12:09:01 P	PBS		KQ2103581.01		1112
27			027 LCS	2021-05-24 12:10:23 P	LCS		KQ2103581.02		1201
28	*		028SMPL	2021-05-24 12:11:46 P	Sample		K2105528.004		1202
29	*		029SMPL	2021-05-24 12:13:09 P	Sample		K2104570.001	D	1203
30			030SMPL	2021-05-24 12:14:32 P	Sample		K2104570.001		1204
31			031 AHH	2021-05-24 12:15:54 P	AHH		K2104570.002		1205
32			032SMPL	2021-05-24 12:17:16 P	Sample		K2104570.003		1206
33			033SMPL	2021-05-24 12:18:38 P	Sample		K2104570.002	S	1207
34	*		034 PDS	2021-05-24 12:20:01 P	PDS		K2104570.002	*	1208
35	*		035 SPK	2021-05-24 12:21:23 P	Spike		KQ2103581.04		1209

Sampler

		Rpt	Data File	Acq. Date-Time	Type	L	Sample Name	G	Vial Number
36			036 CCV	2021 05 24 12 22 47 P	CCV		CCV		2
37			037 CCB	2021 05 24 12 24 10 P	CCB		CCB		-
38			038SMPL	2021 05 24 12 25 35 P	Sample		K21049T0 003		1310
39			039SMPL	2021 05 24 12 26 58 P	Sample		K21049T0 004		1311
40			040SMPL	2021 05 24 12 28 21 P	Sample		K21049T0 005		1312
41			041SMPL	2021 05 24 12 29 44 P	Sample		K21049T0 006		1307
42			042SMPL	2021 05 24 12 31 07 P	Sample		K21049T0 007		1300
43			043SMPL	2021 05 24 12 32 29 P	Sample		K21049T0 008		1301
44			044SMPL	2021 05 24 12 33 51 P	Sample		K21049T0 009		1304
45			045SMPL	2021 05 24 12 35 13 P	Sample		K21049T0 001		1305
46			046SMPL	2021 05 24 12 36 35 P	Sample		K21049T0 002	D	1306
47			047SMPL	2021 05 24 12 37 55 P	Sample		K21049T0 003	D	1307
48			048 CCV	2021 05 24 12 39 22 P	CCV		CCV		2
49			049 CCB	2021 05 24 12 40 46 P	CCB		CCB		1
50			050SMPL	2021 05 24 12 42 09 P	Sample		K21049T0 004	D	1308
51			051SMPL	2021 05 24 12 43 31 P	Sample		K21049T0 005	D	1309
52			052SMPL	2021 05 24 12 44 52 P	Sample		K21049T0 006	D	1310
53			053SMPL	2021 05 24 12 46 16 P	Sample		K21049T0 007	D	1311
54			054SMPL	2021 05 24 12 47 36 P	Sample		K21049T0 008	D	1312
55			055SMPL	2021 05 24 12 49 00 P	Sample		K21049T0 009	D	1401
56			056SMPL	2021 05 24 12 50 23 P	Sample		K21049R9 001	D	1402
57			057SMPL	2021 05 24 12 51 44 P	Sample		K21049R9 001	D	1404
58			058 CCV	2021 05 24 12 53 08 P	CCV		CCV		2
59			059 CCB	2021 05 24 12 54 32 P	CCB		CCB		1
60			060 CCV	2021 05 24 12 55 56 P	LLCCV		LLCCVW		3102

Analyte

	Name	Mass	IS/TD	Tune Mode	Units	Response
1	Mn	55	79	He	ug/l	3
2	Fe	56	72	He	ug/l	3
3	As	75	72	He	ug/l	3
4	Mo	95	115	He	ug/l	3
5	Mo	98	115	He	ug/l	3
6	Se	45		He		3
7	Se	82		He		3
8	[illegible]	115		He		3

US EPA Tune Check Report

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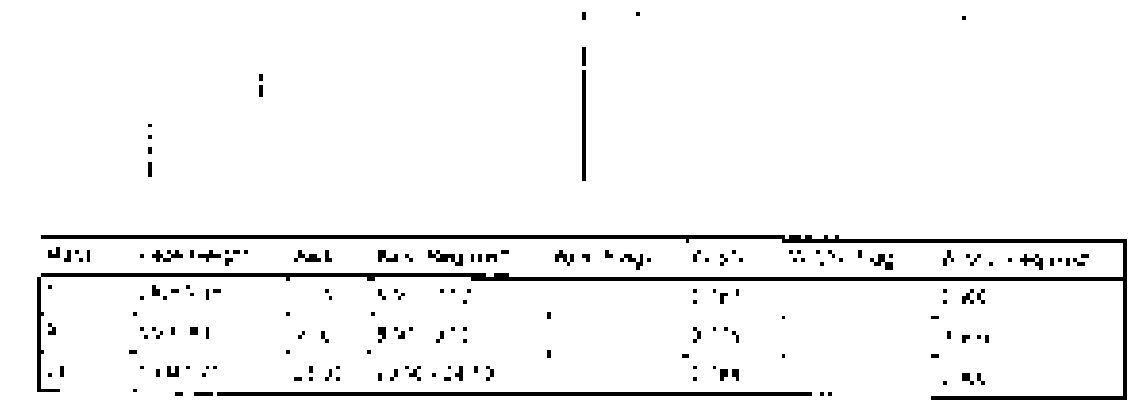

US EPA Tune Check Report

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Initial Calibration Verification (ICV) Report

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Continuing Calibration Verification (CCV) Report

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Initial Calibration Blank (ICB) Report

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Continuing Calibration Blank (CCB) Report

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Analyte	Method	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Analyte	Method	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Name	Mass	[illegible]	Time	Conc	[illegible]	Error RSD	CPS	QC Flag
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Name	Mass	Time Units	CPS	CPS RSD	Bal CPS	% Rec	QC Flag
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Prep Blank (PB) Report

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Post Digestion Spike Sample (PDS) Report

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Sample	Mass	Type	Conc.	Units	Conc. RSD	CPS	Sensitivity	% Rec	Flag
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

[illegible]

Sample	Mass	Type Code	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Matrix Spike Sample (MS) Report

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Name	Units	Value	Limit	Limit Type	Percent Recovery	QC%	Spike Blank	% Blank	Flag
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

[illegible]

Name	Units	Spike Value	Limit	Limit Type	Recovery	% Blank	Flag
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

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Name	Mass	[illegible]	Type	Conc	Units	Conc. RSD	CAS	QC Flag
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Name	Mass	Time Window	CAS	CAS RSD	Area/CAS	% Area	QC Flag
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Continuing Calibration Verification (CCV) Report

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CCV Analysis Table

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CCV STD Table

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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Name	Volume	[illegible]	Time	Conc	Units	Conc RSD	CPS	QC Flag
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Name	Volume	[illegible]	CPS	CPS RSD	Avg CPS	% Rec.	QC Flag
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Laboratory Control Sample (LCS) Report

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Sample Report

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Sample Report

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Post Digestion Solve Sample (PDS) Report

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Element	Mass	Type	Conc	Units	Conc RSD	CPS	Spike Amt	% Rec	Flag
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Matrix Spike Sample (MS) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Name	Mass	ISTD	Type	Conc	Units	Conc RSD	CPS	QC Flag
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Name	Mass	Time Range	CPS	CPS RSD	Net CPS	% Rec	QC Flag
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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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QC Analyte Table

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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QC Analyte Table

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QC Analyte Table

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F : +1 360 636 1068
www.alsglobal.com

June 21, 2021

Analytical Report for Service Request No: K2105532

Jessica Goin
Anchor QEA, LLC
421 SW Sixth Ave.
Suite 750
Portland, OR 97204

RE: Grumman Road Treatability

Dear Jessica,

Enclosed are the results of the sample(s) submitted to our laboratory May 18, 2021
For your reference, these analyses have been assigned our service request number **K2105532.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3376. You may also contact me via email at Mark.Harris@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

for Mark Harris
Project Manager

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Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Case Narrative

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Client: Anchor QEA, LLC
Project: Grumman Road Treatability
Sample Matrix: Soil, Ground Water

Service Request: K2105532
Date Received: 05/18/2021

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.

Sample Receipt:

Eleven soil, ground water samples were received for analysis at ALS Environmental on 05/18/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

General Chemistry:

Method 300.0, 05/18/2021: All samples in this delivery group were received past holding time. The analysis was performed as soon as possible after receipt by the laboratory. The data was flagged to indicate the holding time violation.

Method 365.3, 05/18/2021: All samples in this delivery group were received past holding time. The analysis was performed as soon as possible after receipt by the laboratory. The data was flagged to indicate the holding time violation.

Method 9030M, 05/19/2021: All samples in this delivery group were received past holding time. The analysis was performed as soon as possible after receipt by the laboratory. The data was flagged to indicate the holding time violation.

Approved by Sydney A Wolf Date 06/21/2021

Chain of Custody

ALS Environmental—Kelso Laboratory
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Chain of Custody Record & Laboratory Analysis Request

Jessica Gon
6720 SW Macadam Ave
Suite 125
Portland OR 97219

Chain of Custody Record & Laboratory Analysis Request

Jem Co Co -
6700 SW Macadam Ave
Suite 125
Portland OR 97219

PM

Cooler Receipt and Preservation Form

Client: [illegible] Service Request #(s): [illegible]

Received: [illegible] Opened: [illegible] by: [illegible] Unloaded: [illegible] by: [illegible]

1. Sample were received via: USPS FedEx UPS DHL FOX Courier Hand Delivered
2. Sample were received in: (Cooler) Box Envelope Other N/A
3. Were custody seals on coolers? N/A Y N If yes, how many and where?
   If present, were custody seals intact? N/A Y N If present, were they signed and dated? N/A Y N
4. Were temperature blank present in cooler? N/A Y N If yes, record the temperature in the appropriate column below
   If no, take the temperature of a representative sample bottle contained within the cooler. Indicate in the column "Sample Temp"
5. Were samples received with in the method specified temperature range? N/A Y N
   If no, were they received on ice and same day as collected? If not, notate the cooler # below and notify the PM N/A Y N
6. If applicable, have samples been frozen? Frozen Partially Thawed Thawed

Temp Blank	Sample Temp	IR Gun	Cooler # or COC # (circle)	Out of temp acceptable with 2°C	PM Notified Hand Delivery	Tracking Number (N/A)	Final
5.8		[illegible]				9374968520 7	

8. Packing material: Peanuts Baggies (Bubble Wrap) Gel Packs (Wet Ice) Dry Ice Gloves
9. Were custody papers properly filled out (ink, signed, etc.)? N/A Y N
10. Were samples received in good condition (unbroken)? N/A Y N
11. Were all sample labels complete (i.e. analysis, preservation, etc.)? N/A Y N
12. Did all sample labels and tags agree with custody papers? N/A Y N
13. Were appropriate bottles/containers and volumes received for the tests indicated? N/A Y N
14. Were the pH-preserved bottles (see SOW/GA, SOP) received at the appropriate pH? Indicate in the table below N/A Y N
15. Were VOA vials received without headspace? Indicate in the table below N/A Y N
16. Was C12/Res present? N/A Y N

Sample ID on Bottle	Sample ID on COC	Identified by:

Sample ID	Bottle Count Bottle Type	Headspace	Broke	pH	Acceptable	Preservative added	Reagent Lot Number	Initials	Time

Notes, Discrepancies, Resolutions

RUSH

Total Solids

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	05/6/21
Sample Matrix:	Soil	**Date Received:**	05/18/21
Analysis Method:	160.3 Modified	**Units:**	Percent
Prep Method:	None	**Basis:**	As Received

Solids, Total

Sample Name	Lab Code	Result	MRL	MDL	Dil.	Date Analyzed	Q
Grumman_MW23D-18-20	K2105532-005	**80.5**	-	-	1	05/28/21 10:22	
Grumman_MW23D-46-48	K2105532-006	**85.2**	-	-	1	05/28/21 10:22	
Grumman_MW24D-22-24	K2105532-007	**77.5**	-	-	1	05/28/21 10:22	
Grumman_MW24D-58-60	K2105532-008	**75.5**	-	-	1	05/28/21 10:22	
Grumman_MW25D-20-22	K2105532-009	**81.0**	-	-	1	05/28/21 10:22	
Grumman_MW25D-62-64	K2105532-010	**74.8**	-	-	1	05/28/21 10:22	
Grumman_MW125D-62-64	K2105532-011	**75.4**	-	-	1	05/28/21 10:22	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project	Grumman Road Treatability	**Date Collected:**	05/06/21
Sample Matrix:	Soil	**Date Received:**	05/18/21
		Date Analyzed:	05/28/21

Replicate Sample Summary
Inorganic Parameters

Sample Name:	Grumman_MW23D-18-20	**Units:**	Percent
Lab Code:	K2105532-005	**Basis:**	As Received

Analyte Name	Analysis Method	MRL	Sample Result	Duplicate Sample K2105532-005DUP Result	Average	RPD	RPD Limit
Solids, Total	160.3 Modified	-	80.5	80.5	80.5	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

General Chemistry

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	05/13/21 - 05/14/21
Sample Matrix:	Ground Water	**Date Received:**	05/18/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	As Received

Chloride

Sample Name	Lab Code	Result		MRL	MDL	Dil.	Date Analyzed	Q
GR_12M21_GWC15	K2105532-001	**3.62**		0.20	0.02	2	05/18/21 14:36	
GR_12M21_GWC20	K2105532-002	**29.3**		1.0	0.07	10	05/21/21 16:39	
GR_12M21_1_20	K2105532-003	**31.0**		1.0	0.07	10	05/20/21 20:21	
GR_12M21_MB	K2105532-004	**0.03**	**J**	0.20	0.02	2	05/18/21 16:10	
Method Blank	K2105532-MB2	ND	U	0.10	0.007	1	05/18/21 14:25	
Method Blank	K2105532-MB3	ND	U	0.10	0.007	1	05/18/21 22:10	
Method Blank	K2105532-MB4	ND	U	0.10	0.007	1	05/20/21 10:41	
Method Blank	K2105532-MB5	ND	U	0.10	0.007	1	05/20/21 19:22	
Method Blank	K2105532-MB6	ND	U	0.10	0.007	1	05/21/21 13:32	
Method Blank	K2105532-MB7	ND	U	0.10	0.007	1	05/21/21 21:20	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project	Grumman Road Treatability	**Date Collected:**	05/14/21
Sample Matrix:	Ground Water	**Date Received:**	05/18/21
		Date Analyzed:	05/18/21

Replicate Sample Summary
General Chemistry Parameters

Sample Name:	GR_12M21_GWC15	**Units:**	mg/L
Lab Code:	K2105532-001	**Basis:**	As Received

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample K2105532-001DUP Result	Average	RPD	RPD Limit
Chloride	300.0	0.20	0.02	3.62	3.59	3.60	<1	20

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	05/14/21
Sample Matrix:	Ground Water	**Date Received:**	05/18/21
		Date Analyzed:	05/18/21
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Chloride

Sample Name:	GR_12M21_GWC15	**Units:**	mg/L
Lab Code:	K2105532-001	**Basis:**	As Received
Analysis Method:	300.0		
Prep Method:	None		

		Matrix Spike K2105532-001MS			Duplicate Matrix Spike K2105532-001DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Chloride	3.62	11.3	8.00	96	11.4	8.00	97	90-110	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Analyzed:**	05/18/21
Sample Matrix:	Ground Water	**Date Extracted:**	NA

Lab Control Sample Summary
Chloride

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	As Received
		Analysis Lot:	724183

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2105532-LCS4	4.92	5.00	98	90-110
Lab Control Sample	K2105532-LCS5	4.95	5.00	99	90-110

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Analyzed:**	05/20/21
Sample Matrix:	Ground Water	**Date Extracted:**	NA

Lab Control Sample Summary
Chloride

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	As Received
		Analysis Lot:	724413

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2105532-LCS6	4.73	5.00	95	90-110
Lab Control Sample	K2105532-LCS7	4.95	5.00	99	90-110

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Analyzed:**	05/21/21
Sample Matrix:	Ground Water	**Date Extracted:**	NA

Lab Control Sample Summary
Chloride

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	As Received
		Analysis Lot:	724626

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2105532-LCS8	4.83	5.00	97	90-110
Lab Control Sample	K2105532-LCS9	4.80	5.00	96	90-110

Client: Anchor QEA, LLC **Service Request:** K2105532
Project: Grumman Road Treatability

Continuing Calibration Verification (CCV) Summary

Chloride

Analysis Method: 300.0 **Units:** mg/L

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	724183	KQ2108879-01	05/18/21 13:50	5.00	4.95	99	90-110
CCV2	724183	KQ2108879-02	05/18/21 16:33	5.00	4.97	99	90-110
CCV3	724183	KQ2108879-03	05/18/21 19:02	5.00	4.93	99	90-110
CCV4	724183	KQ2108879-04	05/18/21 21:22	5.00	4.98	100	90-110
CCV5	724183	KQ2108879-05	05/18/21 23:43	5.00	4.97	99	90-110
CCV6	724413	KQ2108987-01	05/20/21 10:06	5.00	4.60	92	90-110
CCV7	724413	KQ2108987-02	05/20/21 12:56	5.00	4.90	98	90-110
CCV8	724413	KQ2108987-03	05/20/21 15:15	5.00	4.91	98	90-110
CCV9	724413	KQ2108987-04	05/20/21 18:12	5.00	5.05	101	90-110
CCV10	724413	KQ2108987-05	05/20/21 20:32	5.00	4.94	99	90-110
CCV11	724413	KQ2108987-06	05/20/21 22:53	5.00	4.76	95	90-110
CCV12	724413	KQ2108987-07	05/21/21 01:15	5.00	4.94	99	90-110
CCV13	724413	KQ2108987-08	05/21/21 03:38	5.00	4.67	93	90-110
CCV14	724413	KQ2108987-09	05/21/21 04:38	5.00	4.94	99	90-110
CCV15	724626	KQ2109179-01	05/21/21 13:03	5.00	4.79	96	90-110
CCV16	724626	KQ2109179-02	05/21/21 14:58	5.00	4.78	96	90-110
CCV17	724626	KQ2109179-03	05/21/21 18:05	5.00	4.84	97	90-110
CCV18	724626	KQ2109179-04	05/21/21 20:22	5.00	4.80	96	90-110
CCV19	724626	KQ2109179-05	05/21/21 22:18	5.00	4.86	97	90-110
CCV20	724626	KQ2109179-06	05/22/21 00:15	5.00	4.83	97	90-110
CCV21	724626	KQ2109179-07	05/22/21 02:13	5.00	4.86	97	90-110
CCV22	724626	KQ2109179-08	05/22/21 03:03	5.00	4.85	97	90-110

Client: Anchor QEA, LLC **Service Request:**K2105532
Project: Grumman Road Treatability

Continuing Calibration Blank (CCB) Summary
Chloride

Analysis Method: 300.0 **Units:**mg/L

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	724183	KQ2108879-06	05/18/21 14:01	0.10	0.007	ND	U
CCB2	724183	KQ2108879-07	05/18/21 16:45	0.10	0.007	ND	U
CCB3	724183	KQ2108879-08	05/18/21 19:14	0.10	0.007	ND	U
CCB4	724183	KQ2108879-09	05/18/21 21:34	0.10	0.007	ND	U
CCB5	724183	KQ2108879-10	05/18/21 23:55	0.10	0.007	ND	U
CCB6	724413	KQ2108987-10	05/20/21 10:18	0.10	0.007	ND	U
CCB7	724413	KQ2108987-11	05/20/21 13:08	0.10	0.007	ND	U
CCB8	724413	KQ2108987-12	05/20/21 15:27	0.10	0.007	ND	U
CCB9	724413	KQ2108987-13	05/20/21 18:24	0.10	0.007	ND	U
CCB10	724413	KQ2108987-14	05/20/21 20:44	0.10	0.007	ND	U
CCB11	724413	KQ2108987-15	05/20/21 23:05	0.10	0.007	ND	U
CCB12	724413	KQ2108987-16	05/21/21 01:27	0.10	0.007	ND	U
CCB13	724413	KQ2108987-17	05/21/21 03:50	0.10	0.007	ND	U
CCB14	724413	KQ2108987-18	05/21/21 04:51	0.10	0.007	ND	U
CCB15	724626	KQ2109179-09	05/21/21 13:13	0.10	0.007	ND	U
CCB16	724626	KQ2109179-10	05/21/21 15:08	0.10	0.007	ND	U
CCB17	724626	KQ2109179-11	05/21/21 18:15	0.10	0.007	ND	U
CCB18	724626	KQ2109179-12	05/21/21 20:32	0.10	0.007	ND	U
CCB19	724626	KQ2109179-13	05/21/21 22:28	0.10	0.007	ND	U
CCB20	724626	KQ2109179-14	05/22/21 00:25	0.10	0.007	ND	U
CCB21	724626	KQ2109179-15	05/22/21 02:23	0.10	0.007	ND	U
CCB22	724626	KQ2109179-16	05/22/21 03:13	0.10	0.007	ND	U

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	05/13/21 - 05/14/21
Sample Matrix:	Ground Water	**Date Received:**	05/18/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	As Received

Nitrate as Nitrogen

Sample Name	Lab Code	Result		MRL	MDL	Dil.	Date Analyzed	Q
GR_12M21_GWC15	K2105532-001	ND	U	0.10	0.02	2	05/18/21 14:36	*
GR_12M21_GWC20	K2105532-002	ND	U	0.10	0.02	2	05/18/21 15:22	*
GR_12M21_1_20	K2105532-003	ND	U	0.10	0.02	2	05/18/21 15:34	*
GR_12M21_MB	K2105532-004	ND	U	0.10	0.02	2	05/18/21 16:10	*
Method Blank	K2105532-MB2	ND	U	0.050	0.007	1	05/18/21 14:25	
Method Blank	K2105532-MB3	ND	U	0.050	0.007	1	05/18/21 22:10	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project	Grumman Road Treatability	**Date Collected:**	05/14/21
Sample Matrix:	Ground Water	**Date Received:**	05/18/21
		Date Analyzed:	05/18/21

Replicate Sample Summary
General Chemistry Parameters

Sample Name:	GR_12M21_GWC15	**Units:**	mg/L
Lab Code:	K2105532-001	**Basis:**	As Received

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample K2105532-001DUP Result	Average	RPD	RPD Limit
Nitrate as Nitrogen	300.0	0.10	0.02	ND U	ND U	NC	NC	20

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	05/14/21
Sample Matrix:	Ground Water	**Date Received:**	05/18/21
		Date Analyzed:	05/18/21
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Nitrate as Nitrogen

Sample Name:	GR_12M21_GWC15	**Units:**	mg/L
Lab Code:	K2105532-001	**Basis:**	As Received
Analysis Method:	300.0		
Prep Method:	None		

		Matrix Spike				Duplicate Matrix Spike					
		K2105532-001MS				K2105532-001DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Nitrate as Nitrogen	ND U	8.10	8.00	101	8.12	8.00	101	90-110	<1	20

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Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Analyzed:**	05/18/21
Sample Matrix:	Ground Water	**Date Extracted:**	NA

Lab Control Sample Summary
Nitrate as Nitrogen

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	As Received
		Analysis Lot:	724183

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2105532-LCS4	2.49	2.50	100	90-110
Lab Control Sample	K2105532-LCS5	2.51	2.50	100	90-110

Client: Anchor QEA, LLC **Service Request:** K2105532
Project: Grumman Road Treatability

Continuing Calibration Verification (CCV) Summary

Nitrate as Nitrogen

Analysis Method: 300.0 **Units:** mg/L

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	724183	KQ2108879-01	05/18/21 13:50	2.50	2.51	100	90-110
CCV2	724183	KQ2108879-02	05/18/21 16:33	2.50	2.51	100	90-110
CCV3	724183	KQ2108879-03	05/18/21 19:02	2.50	2.50	100	90-110
CCV4	724183	KQ2108879-04	05/18/21 21:22	2.50	2.52	101	90-110
CCV5	724183	KQ2108879-05	05/18/21 23:43	2.50	2.52	101	90-110

Client: Anchor QEA, LLC **Service Request:**K2105532
Project: Grumman Road Treatability

Continuing Calibration Blank (CCB) Summary
Nitrate as Nitrogen

Analysis Method: 300.0 **Units:**mg/L

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	724183	KQ2108879-06	05/18/21 14:01	0.050	0.007	ND	U
CCB2	724183	KQ2108879-07	05/18/21 16:45	0.050	0.007	ND	U
CCB3	724183	KQ2108879-08	05/18/21 19:14	0.050	0.007	ND	U
CCB4	724183	KQ2108879-09	05/18/21 21:34	0.050	0.007	ND	U
CCB5	724183	KQ2108879-10	05/18/21 23:55	0.050	0.007	ND	U

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	05/13/21 - 05/14/21
Sample Matrix:	Ground Water	**Date Received:**	05/18/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	As Received

Sulfate

Sample Name	Lab Code	Result	MRL	MDL	Dil.	Date Analyzed	Q
GR_12M21_GWC15	K2105532-001	**34.5**	1.0	0.1	5	05/20/21 19:34	
GR_12M21_GWC20	K2105532-002	**984**	40	4	200	05/21/21 16:48	
GR_12M21_1_20	K2105532-003	**993**	40	4	200	05/20/21 20:56	
GR_12M21_MB	K2105532-004	**1.47**	0.40	0.04	2	05/18/21 16:10	
Method Blank	K2105532-MB2	ND U	0.20	0.02	1	05/18/21 14:25	
Method Blank	K2105532-MB3	ND U	0.20	0.02	1	05/18/21 22:10	
Method Blank	K2105532-MB4	ND U	0.20	0.02	1	05/20/21 10:41	
Method Blank	K2105532-MB5	ND U	0.20	0.02	1	05/20/21 19:22	
Method Blank	K2105532-MB6	ND U	0.20	0.02	1	05/21/21 13:32	
Method Blank	K2105532-MB7	ND U	0.20	0.02	1	05/21/21 21:20	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project	Grumman Road Treatability	**Date Collected:**	05/14/21
Sample Matrix:	Ground Water	**Date Received:**	05/18/21
		Date Analyzed:	05/20/21

Replicate Sample Summary
General Chemistry Parameters

Sample Name:	GR_12M21_GWC15	**Units:**	mg/L
Lab Code:	K2105532-001	**Basis:**	As Received

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample K2105532-001DUP Result	Average	RPD	RPD Limit
Sulfate	300.0	1.0	0.1	34.5	33.6	34.0	3	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	05/14/21
Sample Matrix:	Ground Water	**Date Received:**	05/18/21
		Date Analyzed:	05/20/21
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Sulfate

Sample Name:	GR_12M21_GWC15	**Units:**	mg/L
Lab Code:	K2105532-001	**Basis:**	As Received
Analysis Method:	300.0		
Prep Method:	None		

		Matrix Spike K2105532-001MS			Duplicate Matrix Spike K2105532-001DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Sulfate	34.5	52.9	20.0	92	53.1	20.0	93	90-110	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Analyzed:**	05/18/21
Sample Matrix:	Ground Water	**Date Extracted:**	NA

Lab Control Sample Summary
Sulfate

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	As Received
		Analysis Lot:	724183

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2105532-LCS4	5.01	5.00	100	90-110
Lab Control Sample	K2105532-LCS5	5.03	5.00	101	90-110

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Analyzed:**	05/20/21
Sample Matrix:	Ground Water	**Date Extracted:**	NA

Lab Control Sample Summary
Sulfate

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	As Received
		Analysis Lot:	724413

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2105532-LCS6	4.88	5.00	98	90-110
Lab Control Sample	K2105532-LCS7	5.01	5.00	100	90-110

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Analyzed:**	05/21/21
Sample Matrix:	Ground Water	**Date Extracted:**	NA

Lab Control Sample Summary
Sulfate

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	As Received
		Analysis Lot:	724626

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2105532-LCS8	4.86	5.00	97	90-110
Lab Control Sample	K2105532-LCS9	4.92	5.00	98	90-110

Client: Anchor QEA, LLC **Service Request:** K2105532
Project: Grumman Road Treatability

Continuing Calibration Verification (CCV) Summary

Sulfate

Analysis Method: 300.0 **Units:** mg/L

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	724183	KQ2108879-01	05/18/21 13:50	5.00	4.97	99	90-110
CCV2	724183	KQ2108879-02	05/18/21 16:33	5.00	4.98	100	90-110
CCV3	724183	KQ2108879-03	05/18/21 19:02	5.00	4.98	100	90-110
CCV4	724183	KQ2108879-04	05/18/21 21:22	5.00	5.00	100	90-110
CCV5	724183	KQ2108879-05	05/18/21 23:43	5.00	5.00	100	90-110
CCV6	724413	KQ2108987-01	05/20/21 10:06	5.00	4.66	93	90-110
CCV7	724413	KQ2108987-02	05/20/21 12:56	5.00	4.96	99	90-110
CCV8	724413	KQ2108987-03	05/20/21 15:15	5.00	4.97	99	90-110
CCV9	724413	KQ2108987-04	05/20/21 18:12	5.00	5.16	103	90-110
CCV10	724413	KQ2108987-05	05/20/21 20:32	5.00	5.02	100	90-110
CCV11	724413	KQ2108987-06	05/20/21 22:53	5.00	4.83	97	90-110
CCV12	724413	KQ2108987-07	05/21/21 01:15	5.00	5.06	101	90-110
CCV13	724413	KQ2108987-08	05/21/21 03:38	5.00	4.75	95	90-110
CCV14	724413	KQ2108987-09	05/21/21 04:38	5.00	4.98	100	90-110
CCV15	724626	KQ2109179-01	05/21/21 13:03	5.00	4.79	96	90-110
CCV16	724626	KQ2109179-02	05/21/21 14:58	5.00	4.81	96	90-110
CCV17	724626	KQ2109179-03	05/21/21 18:05	5.00	4.84	97	90-110
CCV18	724626	KQ2109179-04	05/21/21 20:22	5.00	4.91	98	90-110
CCV19	724626	KQ2109179-05	05/21/21 22:18	5.00	4.94	99	90-110
CCV20	724626	KQ2109179-06	05/22/21 00:15	5.00	4.87	97	90-110
CCV21	724626	KQ2109179-07	05/22/21 02:13	5.00	4.96	99	90-110
CCV22	724626	KQ2109179-08	05/22/21 03:03	5.00	4.88	98	90-110

Client: Anchor QEA, LLC **Service Request:**K2105532
Project: Grumman Road Treatability

Continuing Calibration Blank (CCB) Summary
Sulfate

Analysis Method: 300.0 **Units:**mg/L

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	724183	KQ2108879-06	05/18/21 14:01	0.20	0.02	ND	U
CCB2	724183	KQ2108879-07	05/18/21 16:45	0.20	0.02	ND	U
CCB3	724183	KQ2108879-08	05/18/21 19:14	0.20	0.02	ND	U
CCB4	724183	KQ2108879-09	05/18/21 21:34	0.20	0.02	ND	U
CCB5	724183	KQ2108879-10	05/18/21 23:55	0.20	0.02	ND	U
CCB6	724413	KQ2108987-10	05/20/21 10:18	0.20	0.02	ND	U
CCB7	724413	KQ2108987-11	05/20/21 13:08	0.20	0.02	ND	U
CCB8	724413	KQ2108987-12	05/20/21 15:27	0.20	0.02	ND	U
CCB9	724413	KQ2108987-13	05/20/21 18:24	0.20	0.02	ND	U
CCB10	724413	KQ2108987-14	05/20/21 20:44	0.20	0.02	ND	U
CCB11	724413	KQ2108987-15	05/20/21 23:05	0.20	0.02	ND	U
CCB12	724413	KQ2108987-16	05/21/21 01:27	0.20	0.02	ND	U
CCB13	724413	KQ2108987-17	05/21/21 03:50	0.20	0.02	ND	U
CCB14	724413	KQ2108987-18	05/21/21 04:51	0.20	0.02	ND	U
CCB15	724626	KQ2109179-09	05/21/21 13:13	0.20	0.02	ND	U
CCB16	724626	KQ2109179-10	05/21/21 15:08	0.20	0.02	ND	U
CCB17	724626	KQ2109179-11	05/21/21 18:15	0.20	0.02	ND	U
CCB18	724626	KQ2109179-12	05/21/21 20:32	0.20	0.02	ND	U
CCB19	724626	KQ2109179-13	05/21/21 22:28	0.20	0.02	ND	U
CCB20	724626	KQ2109179-14	05/22/21 00:25	0.20	0.02	ND	U
CCB21	724626	KQ2109179-15	05/22/21 02:23	0.20	0.02	ND	U
CCB22	724626	KQ2109179-16	05/22/21 03:13	0.20	0.02	ND	U

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	05/13/21 - 05/14/21
Sample Matrix:	Ground Water	**Date Received:**	05/18/21
Analysis Method:	350.1	**Units:**	mg/L
Prep Method:	Method	**Basis:**	As Received

Ammonia as Nitrogen

Sample Name	Lab Code	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
GR_12M21_GWC15	K2105532-001	**0.262**	0.050	0.020	1	06/01/21 14:25	6/1/21	
GR_12M21_GWC20	K2105532-002	**0.937**	0.050	0.020	1	06/01/21 14:25	6/1/21	
GR_12M21_1_20	K2105532-003	**0.934**	0.050	0.020	1	06/01/21 14:25	6/1/21	
GR_12M21_MB	K2105532-004	ND U	0.050	0.020	1	06/01/21 14:25	6/1/21	
Method Blank	K2105532-MB2	ND U	0.050	0.020	1	06/01/21 14:25	6/1/21	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Analyzed:**	06/01/21
Sample Matrix:	Ground Water	**Date Extracted:**	06/01/21

Lab Control Sample Summary
Ammonia as Nitrogen

Analysis Method:	350.1	**Units:**	mg/L
Prep Method:	Method	**Basis:**	As Received
		Analysis Lot:	725792

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2105532-LCS4	5.59	5.36	104	86-114

Client: Anchor QEA, LLC **Service Request:** K2105532
Project: Grumman Road Treatability

Continuing Calibration Verification (CCV) Summary

Ammonia as Nitrogen

Analysis Method: 350.1 **Units:** mg/L

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	725792	KQ2109834-01	06/01/21 14:25	2.00	2.00	100	90-110
CCV2	725792	KQ2109834-02	06/01/21 14:25	2.00	2.00	100	90-110
CCV3	725792	KQ2109834-03	06/01/21 14:25	2.00	2.00	100	90-110
CCV4	725792	KQ2109834-04	06/01/21 14:25	2.00	2.00	100	90-110

Client: Anchor QEA, LLC **Service Request:**K2105532
Project: Grumman Road Treatability

Continuing Calibration Blank (CCB) Summary
Ammonia as Nitrogen

Analysis Method: 350.1 **Units:**mg/L

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	725792	KQ2109834-05	06/01/21 14:25	0.050	0.020	0.026	J
CCB2	725792	KQ2109834-06	06/01/21 14:25	0.050	0.020	0.029	J
CCB3	725792	KQ2109834-07	06/01/21 14:25	0.050	0.020	0.035	J
CCB4	725792	KQ2109834-08	06/01/21 14:25	0.050	0.020	0.026	J

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	05/13/21 - 05/14/21
Sample Matrix:	Ground Water	**Date Received:**	05/18/21
Analysis Method:	365.3	**Units:**	mg/L
Prep Method:	None	**Basis:**	As Received

Orthophosphate as Phosphorus

Sample Name	Lab Code	Result		MRL	MDL	Dil.	Date Analyzed	Q
GR_12M21_GWC15	K2105532-001	ND	U	0.020	0.004	1	05/18/21 15:15	*
GR_12M21_GWC20	K2105532-002	**0.013**	**J**	0.020	0.004	1	05/18/21 15:15	*
GR_12M21_1_20	K2105532-003	**0.014**	**J**	0.020	0.004	1	05/18/21 15:15	*
GR_12M21_MB	K2105532-004	ND	U	0.020	0.004	1	05/18/21 15:15	*
Method Blank	K2105532-MB2	ND	U	0.020	0.004	1	05/18/21 15:15	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Analyzed:**	05/18/21
Sample Matrix:	Ground Water	**Date Extracted:**	NA

Lab Control Sample Summary
Orthophosphate as Phosphorus

Analysis Method:	365.3	**Units:**	mg/L
Prep Method:	None	**Basis:**	As Received
		Analysis Lot:	724000

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2105532-LCS4	1.46	1.57	93	85-115

Client: Anchor QEA, LLC **Service Request:** K2105532
Project: Grumman Road Treatability

Continuing Calibration Verification (CCV) Summary

Orthophosphate as Phosphorus

Analysis Method: 365.3 **Units:** mg/L

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	724000	KQ2108689-04	05/18/21 15:15	0.500	0.465	93	90-110
CCV2	724000	KQ2108689-05	05/18/21 15:15	0.500	0.474	95	90-110
CCV3	724000	KQ2108689-06	05/18/21 15:15	0.500	0.476	95	90-110
CCV4	724000	KQ2108689-07	05/18/21 15:15	0.500	0.473	95	90-110

Client: Anchor QEA, LLC **Service Request:**K2105532
Project: Grumman Road Treatability

Continuing Calibration Blank (CCB) Summary
Orthophosphate as Phosphorus

Analysis Method: 365.3 **Units:**mg/L

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	724000	KQ2108689-08	05/18/21 15:15	0.020	0.004	ND	U
CCB2	724000	KQ2108689-09	05/18/21 15:15	0.020	0.004	ND	U
CCB3	724000	KQ2108689-10	05/18/21 15:15	0.020	0.004	ND	U
CCB4	724000	KQ2108689-11	05/18/21 15:15	0.020	0.004	ND	U

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	05/13/21 - 05/14/21
Sample Matrix:	Ground Water	**Date Received:**	05/18/21
Analysis Method:	9030M	**Units:**	mg/L
Prep Method:	EPA 9030B Modified	**Basis:**	As Received

Sulfide, Total

Sample Name	Lab Code	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
GR_12M21_GWC15	K2105532-001	ND	U	0.10	0.03	1	05/20/21	5/20/21	
GR_12M21_GWC20	K2105532-002	ND	U	0.10	0.03	1	05/20/21	5/20/21	
GR_12M21_1_20	K2105532-003	ND	U	0.10	0.03	1	05/20/21	5/20/21	
GR_12M21_MB	K2105532-004	ND	U	0.10	0.03	1	05/20/21	5/20/21	
Method Blank	K2105532-MB2	ND	U	0.10	0.03	1	05/20/21	5/20/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	05/6/21
Sample Matrix:	Soil	**Date Received:**	05/18/21
Analysis Method:	9030M	**Units:**	mg/Kg
Prep Method:	EPA 9030B Modified	**Basis:**	As Received

Sulfide, Total

Sample Name	Lab Code	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Grumman_MW23D-18-20	K2105532-005	ND U	0.50	0.20	1	05/19/21	5/19/21	*
Grumman_MW23D-46-48	K2105532-006	ND U	0.50	0.20	1	05/19/21	5/19/21	*
Grumman_MW24D-22-24	K2105532-007	ND U	0.50	0.20	1	05/19/21	5/19/21	*
Grumman_MW24D-58-60	K2105532-008	ND U	0.50	0.20	1	05/19/21	5/19/21	*
Grumman_MW25D-20-22	K2105532-009	ND U	0.50	0.20	1	05/19/21	5/19/21	*
Grumman_MW25D-62-64	K2105532-010	ND U	0.50	0.20	1	05/19/21	5/19/21	*
Grumman_MW125D-62-64	K2105532-011	ND U	0.50	0.20	1	05/19/21	5/19/21	*
Method Blank	K2105532-MB1	ND U	0.50	0.20	1	05/19/21	5/19/21	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project	Grumman Road Treatability	**Date Collected:**	05/13/21
Sample Matrix:	Ground Water	**Date Received:**	05/18/21
Analysis Method:	9030M	**Units:**	mg/L
Prep Method:	EPA 9030B Modified	**Basis:**	As Received

Replicate Sample Summary
Sulfide, Total

Sample Name:	Lab Code:	MRL	MDL	Sample Result	Duplicate Result	Average	RPD	RPD Limit	Date Analyzed
GR_12M21_MB	K2105532-004DUP	0.10	0.03	ND U	ND U	NC	NC	20	05/20/21

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project	Grumman Road Treatability	**Date Collected:**	05/06/21
Sample Matrix:	Soil	**Date Received:**	05/18/21
Analysis Method:	9030M	**Units:**	mg/Kg
Prep Method:	EPA 9030B Modified	**Basis:**	As Received

Replicate Sample Summary
Sulfide, Total

Sample Name:	Lab Code:	MRL	MDL	Sample Result	Duplicate Result	Average	RPD	RPD Limit	Date Analyzed
Grumman_MW24D-58-60	K2105532-008DUP	0.50	0.20	ND U	ND U	NC	NC	20	05/19/21

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	05/06/21
Sample Matrix:	Soil	**Date Received:**	05/18/21
		Date Analyzed:	05/19/21
		Date Extracted:	05/19/21

Duplicate Matrix Spike Summary
Sulfide, Total

Sample Name:	Grumman_MW24D-58-60	**Units:**	mg/Kg
Lab Code:	K2105532-008	**Basis:**	As Received
Analysis Method:	9030M		
Prep Method:	EPA 9030B Modified		

		Matrix Spike K2105532-008MS				Duplicate Matrix Spike K2105532-008DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Sulfide, Total	ND U	6.73	5.98	113	5.26	6.45	82	45-150	24*	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

Client: Anchor QEA, LLC **Service Request:** K2105532
Project: Grumman Road Treatability

Continuing Calibration Verification (CCV) Summary

Sulfide, Total

Analysis Method: 9030M **Units:** mg/L

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	724152	KQ2109363-01	05/19/21 17:08	1.67	1.66	100	90-110
CCV2	724152	KQ2109363-02	05/19/21 17:08	1.67	1.65	99	90-110
CCV3	724152	KQ2109363-03	05/19/21 17:08	1.67	1.65	99	90-110
CCV4	724152	KQ2109363-04	05/19/21 17:08	1.67	1.66	99	90-110
CCV5	724336	KQ2109366-01	05/20/21 17:48	1.67	1.67	100	90-110
CCV6	724336	KQ2109366-02	05/20/21 17:48	1.67	1.65	99	90-110
CCV7	724336	KQ2109366-03	05/20/21 17:48	1.67	1.66	100	90-110

Client: Anchor QEA, LLC **Service Request:**K2105532
Project: Grumman Road Treatability

Continuing Calibration Blank (CCB) Summary
Sulfide, Total

Analysis Method: 9030M **Units:**mg/Kg

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	724152	KQ2109363-05	05/19/21 17:08	0.50	0.20	ND	U
CCB2	724152	KQ2109363-06	05/19/21 17:08	0.50	0.20	ND	U
CCB3	724152	KQ2109363-07	05/19/21 17:08	0.50	0.20	ND	U
CCB4	724152	KQ2109363-08	05/19/21 17:08	0.50	0.20	ND	U
CCB5	724336	KQ2109366-04	05/20/21 17:48	0.10	0.03	ND	U
CCB6	724336	KQ2109366-05	05/20/21 17:48	0.10	0.03	ND	U
CCB7	724336	KQ2109366-06	05/20/21 17:48	0.10	0.03	ND	U

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	05/6/21
Sample Matrix:	Soil	**Date Received:**	05/18/21
Analysis Method:	9060	**Units:**	Percent
Prep Method:	Method	**Basis:**	Dry, per Method

Carbon, Total Organic (TOC)

Sample Name	Lab Code	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Grumman_MW23D-18-20	K2105532-005	**1.15**		0.10	0.02	1	06/02/21	6/1/21	
Grumman_MW23D-46-48	K2105532-006	**0.17**		0.10	0.02	1	06/02/21	6/1/21	
Grumman_MW24D-22-24	K2105532-007	**0.09**	**J**	0.10	0.02	1	06/02/21	6/1/21	
Grumman_MW24D-58-60	K2105532-008	**0.11**		0.10	0.02	1	06/02/21	6/1/21	
Grumman_MW25D-20-22	K2105532-009	**0.25**		0.10	0.02	1	06/02/21	6/1/21	
Grumman_MW25D-62-64	K2105532-010	**0.17**		0.10	0.02	1	06/02/21	6/1/21	
Grumman_MW125D-62-64	K2105532-011	**0.16**		0.10	0.02	1	06/02/21	6/1/21	
Method Blank	K2105532-MB1	ND	U	0.10	0.02	1	06/02/21	6/1/21	

Client: Anchor QEA, LLC **Service Request:** K2105532
Project: Grumman Road Treatability

Continuing Calibration Verification (CCV) Summary

Carbon, Total Organic (TOC)

Analysis Method: 9060 **Units:** Percent

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	726104	KQ2110250-01	06/02/21 12:20	12.0	11.82	99	85-115
CCV2	726104	KQ2110250-02	06/02/21 12:20	12.0	11.60	97	85-115
CCV3	726104	KQ2110250-03	06/02/21 12:20	12.0	11.74	98	85-115
CCV4	726104	KQ2110250-04	06/02/21 12:20	12.0	11.71	98	85-115

Client: Anchor QEA, LLC **Service Request:**K2105532
Project: Grumman Road Treatability

Continuing Calibration Blank (CCB) Summary
Carbon, Total Organic (TOC)

Analysis Method: 9060 **Units:**Percent

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	726104	KQ2110250-05	06/02/21 12:20	0.10	0.02	ND	U
CCB2	726104	KQ2110250-06	06/02/21 12:20	0.10	0.02	ND	U
CCB3	726104	KQ2110250-07	06/02/21 12:20	0.10	0.02	ND	U
CCB4	726104	KQ2110250-08	06/02/21 12:20	0.10	0.02	ND	U

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	05/13/21 - 05/14/21
Sample Matrix:	Ground Water	**Date Received:**	05/18/21
Analysis Method:	9060A	**Units:**	mg/L
Prep Method:	None	**Basis:**	As Received

Carbon, Dissolved Organic (DOC)

Sample Name	Lab Code	Result	MRL	MDL	Dil.	Date Analyzed	Q
GR_12M21_GWC15	K2105532-001	**29.6**	0.50	0.07	1	05/27/21 15:25	
GR_12M21_GWC20	K2105532-002	**27.8**	0.50	0.07	1	05/27/21 15:25	
GR_12M21_1_20	K2105532-003	**28.2**	0.50	0.07	1	05/27/21 15:25	
GR_12M21_MB	K2105532-004	**0.60**	0.50	0.07	1	05/27/21 15:25	
Method Blank	K2105532-MB2	ND U	0.50	0.07	1	05/27/21 15:25	
Method Blank	K2105532-MB3	ND U	0.50	0.07	1	05/27/21 15:25	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Analyzed:**	05/27/21
Sample Matrix:	Ground Water	**Date Extracted:**	NA

Duplicate Lab Control Sample Summary
General Chemistry Parameters

Analysis Method:	9060A	**Units:**	mg/L
Prep Method:	None	**Basis:**	As Received
		Analysis Lot:	725366

	Lab Control Sample K2105532-LCS2			Duplicate Lab Control Sample K2105532-DLCS2					
Analyte Name	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Carbon, Dissolved Organic (DOC)	25.1	25.0	100	25.0	25.0	100	83-117	<1	20

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Analyzed:**	05/27/21
Sample Matrix:	Ground Water	**Date Extracted:**	NA

Duplicate Lab Control Sample Summary
General Chemistry Parameters

Analysis Method:	9060A	**Units:**	mg/L
Prep Method:	None	**Basis:**	As Received
		Analysis Lot:	725366

	Lab Control Sample K2105532-LCS3			Duplicate Lab Control Sample K2105532-DLCS3					
Analyte Name	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Carbon, Dissolved Organic (DOC)	24.8	25.0	99	24.9	25.0	100	83-117	<1	20

Client: Anchor QEA, LLC **Service Request:** K2105532
Project: Grumman Road Treatability

Continuing Calibration Verification (CCV) Summary

Carbon, Dissolved Organic (DOC)

Analysis Method: 9060A **Units:** mg/L

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	725366	KQ2109566-03	05/27/21 15:25	25.0	25.2	101	90-110
CCV2	725366	KQ2109566-04	05/27/21 15:25	25.0	24.9	100	90-110
CCV3	725366	KQ2109566-05	05/27/21 15:25	25.0	24.9	100	90-110
CCV4	725366	KQ2109566-06	05/27/21 15:25	25.0	25.2	101	90-110
CCV5	725366	KQ2109566-07	05/27/21 15:25	25.0	25.2	101	90-110

Client: Anchor QEA, LLC **Service Request:**K2105532
Project: Grumman Road Treatability

Continuing Calibration Blank (CCB) Summary
Carbon, Dissolved Organic (DOC)

Analysis Method: 9060A **Units:**mg/L

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	725366	KQ2109566-08	05/27/21 15:25	0.50	0.07	ND	U
CCB2	725366	KQ2109566-09	05/27/21 15:25	0.50	0.07	ND	U
CCB3	725366	KQ2109566-10	05/27/21 15:25	0.50	0.07	ND	U
CCB4	725366	KQ2109566-11	05/27/21 15:25	0.50	0.07	ND	U
CCB5	725366	KQ2109566-12	05/27/21 15:25	0.50	0.07	ND	U

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	05/13/21 - 05/14/21
Sample Matrix:	Ground Water	**Date Received:**	05/18/21
Analysis Method:	9060A	**Units:**	mg/L
Prep Method:	None	**Basis:**	As Received

Carbon, Total Organic (TOC)

Sample Name	Lab Code	Result		MRL	MDL	Dil.	Date Analyzed	Q
GR_12M21_GWC15	K2105532-001	**29.1**		0.50	0.07	1	05/27/21 15:25	
GR_12M21_GWC20	K2105532-002	**27.5**		0.50	0.07	1	05/27/21 15:25	
GR_12M21_1_20	K2105532-003	**27.9**		0.50	0.07	1	05/27/21 15:25	
GR_12M21_MB	K2105532-004	**0.38**	**J**	0.50	0.07	1	05/27/21 15:25	
Method Blank	K2105532-MB2	ND	U	0.50	0.07	1	05/27/21 15:25	
Method Blank	K2105532-MB3	ND	U	0.50	0.07	1	05/27/21 15:25	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project	Grumman Road Treatability	**Date Collected:**	05/13/21
Sample Matrix:	Ground Water	**Date Received:**	05/18/21
Analysis Method:	9060A	**Units:**	mg/L
Prep Method:	None	**Basis:**	As Received

Replicate Sample Summary
Carbon, Total Organic (TOC)

Sample Name:	Lab Code:	MRL	MDL	Sample Result	Duplicate Result	Average	RPD	RPD Limit	Date Analyzed
GR_12M21_1_20	K2105532-003DUP	0.50	0.07	27.9	27.8	27.9	<1	20	05/27/21
GR_12M21_MB	K2105532-004DUP	0.50	0.07	0.38 J	0.31 J	0.347	19	20	05/27/21

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	05/13/21
Sample Matrix:	Ground Water	**Date Received:**	05/18/21
		Date Analyzed:	05/27/21
		Date Extracted:	NA

Matrix Spike Summary
Carbon, Total Organic (TOC)

Sample Name:	GR_12M21_1_20	**Units:**	mg/L
Lab Code:	K2105532-003	**Basis:**	As Received
Analysis Method:	9060A		
Prep Method:	None		

Matrix Spike
K2105532-003MS

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Carbon, Total Organic (TOC)	27.9	155	125	101	83-117

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	05/13/21
Sample Matrix:	Ground Water	**Date Received:**	05/18/21
		Date Analyzed:	05/27/21
		Date Extracted:	NA

Matrix Spike Summary
Carbon, Total Organic (TOC)

Sample Name:	GR_12M21_MB	**Units:**	mg/L
Lab Code:	K2105532-004	**Basis:**	As Received
Analysis Method:	9060A		
Prep Method:	None		

Matrix Spike
K2105532-004MS

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Carbon, Total Organic (TOC)	0.38 J	25.3	25.0	100	83-117

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Analyzed:**	05/27/21
Sample Matrix:	Ground Water	**Date Extracted:**	NA

Duplicate Lab Control Sample Summary
General Chemistry Parameters

Analysis Method:	9060A	**Units:**	mg/L
Prep Method:	None	**Basis:**	As Received
		Analysis Lot:	725366

	Lab Control Sample K2105532-LCS2			Duplicate Lab Control Sample K2105532-DLCS2					
Analyte Name	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Carbon, Total Organic (TOC)	25.1	25.0	100	25.0	25.0	100	83-117	<1	20

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Analyzed:**	05/27/21
Sample Matrix:	Ground Water	**Date Extracted:**	NA

Duplicate Lab Control Sample Summary
General Chemistry Parameters

Analysis Method:	9060A	**Units:**	mg/L
Prep Method:	None	**Basis:**	As Received
		Analysis Lot:	725366

	Lab Control Sample K2105532-LCS3			Duplicate Lab Control Sample K2105532-DLCS3					
Analyte Name	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Carbon, Total Organic (TOC)	24.8	25.0	99	24.9	25.0	100	83-117	<1	20

Client: Anchor QEA, LLC **Service Request:** K2105532
Project: Grumman Road Treatability

Continuing Calibration Verification (CCV) Summary

Carbon, Total Organic (TOC)

Analysis Method: 9060A **Units:** mg/L

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	725366	KQ2109566-03	05/27/21 15:25	25.0	25.2	101	90-110
CCV2	725366	KQ2109566-04	05/27/21 15:25	25.0	24.9	100	90-110
CCV3	725366	KQ2109566-05	05/27/21 15:25	25.0	24.9	100	90-110
CCV4	725366	KQ2109566-06	05/27/21 15:25	25.0	25.2	101	90-110
CCV5	725366	KQ2109566-07	05/27/21 15:25	25.0	25.2	101	90-110

Client: Anchor QEA, LLC **Service Request:**K2105532
Project: Grumman Road Treatability

Continuing Calibration Blank (CCB) Summary
Carbon, Total Organic (TOC)

Analysis Method: 9060A **Units:**mg/L

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	725366	KQ2109566-08	05/27/21 15:25	0.50	0.07	ND	U
CCB2	725366	KQ2109566-09	05/27/21 15:25	0.50	0.07	ND	U
CCB3	725366	KQ2109566-10	05/27/21 15:25	0.50	0.07	ND	U
CCB4	725366	KQ2109566-11	05/27/21 15:25	0.50	0.07	ND	U
CCB5	725366	KQ2109566-12	05/27/21 15:25	0.50	0.07	ND	U

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	05/13/21 - 05/14/21
Sample Matrix:	Ground Water	**Date Received:**	05/18/21
Analysis Method:	SM 2320 B	**Units:**	mg/L
Prep Method:	None	**Basis:**	As Received

Alkalinity as CaCO3, Total

Sample Name	Lab Code	Result	MRL	MDL	Dil.	Date Analyzed	Q
GR_12M21_GWC15	K2105532-001	**332**	15	3	1	05/20/21 00:04	
GR_12M21_GWC20	K2105532-002	**203**	15	3	1	05/20/21 00:04	
GR_12M21_1_20	K2105532-003	**203**	15	3	1	05/20/21 00:04	
GR_12M21_MB	K2105532-004	**5**	15	3	1	05/20/21 00:04	**J**
Method Blank	K2105532-MB2	**5**	15	3	1	05/19/21 22:44	**J**

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Analyzed:**	05/19/21
Sample Matrix:	Ground Water	**Date Extracted:**	NA

Lab Control Sample Summary
Alkalinity as CaCO3, Total

Analysis Method:	SM 2320 B	**Units:**	mg/L
Prep Method:	None	**Basis:**	As Received
		Analysis Lot:	724180

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2105532-LCS4	177	180	98	90-110
Lab Control Sample	K2105532-LCS5	174	180	97	90-110

Metals

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	5/14/2021
Sample Matrix:	Ground water	**Date Received:**	5/18/2021

Dissolved Metals

Sample Name:	GR_12M21_GWC15	Units:	ug/L (ppb)
Lab Code:	K2105532-001	Basis:	NA
Test Notes:			

Analyte	Prep Method	Analysis Method	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
Arsenic (III)	None	1632A	20	3	1000	NA	6/9/2021	167	
Arsenic (V)	None	1632A	20	3	1000	NA	NA	63.0	
Inorganic Arsenic	None	1632A	20	3	1000	NA	6/8/2021	230	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	5/13/2021
Sample Matrix:	Ground water	**Date Received:**	5/18/2021

Dissolved Metals

Sample Name:	GR_12M21_GWC20	Units:	ug/L (ppb)
Lab Code:	K2105532-002	Basis:	NA
Test Notes:			

Analyte	Prep Method	Analysis Method	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
Arsenic (III)	None	1632A	20	3	1000	NA	6/9/2021	128	
Arsenic (V)	None	1632A	20	3	1000	NA	NA	99.0	
Inorganic Arsenic	None	1632A	20	3	1000	NA	6/8/2021	227	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	5/13/2021
Sample Matrix:	Ground water	**Date Received:**	5/18/2021

Dissolved Metals

Sample Name:	GR_12M21_1_20	Units:	ug/L (ppb)
Lab Code:	K2105532-003	Basis:	NA
Test Notes:			

Analyte	Prep Method	Analysis Method	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
Arsenic (III)	None	1632A	20	3	1000	NA	6/9/2021	120	
Arsenic (V)	None	1632A	20	3	1000	NA	NA	102	
Inorganic Arsenic	None	1632A	20	3	1000	NA	6/8/2021	222	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	5/13/2021
Sample Matrix:	Ground water	**Date Received:**	5/18/2021

Dissolved Metals

Sample Name:	GR_12M21_MB	Units:	ug/L (ppb)
Lab Code:	K2105532-004	Basis:	NA
Test Notes:			

Analyte	Prep Method	Analysis Method	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
Arsenic (III)	None	1632A	0.1	0.015	5	NA	6/9/2021	0.024	J
Arsenic (V)	None	1632A	0.1	0.015	5	NA	NA	NC	
Inorganic Arsenic	None	1632A	0.1	0.015	5	NA	6/8/2021	ND	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	NA
Sample Matrix:	Ground water	**Date Received:**	NA

Dissolved Metals

Sample Name:	Method Blank 1	Units:	ug/L (ppb)
Lab Code:	K2105532-MB1	Basis:	NA
Test Notes:			

Analyte	Prep Method	Analysis Method	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
Arsenic (III)	None	1632A	0.02	0.003	1	NA	6/9/2021	0.005	J
Inorganic Arsenic	None	1632A	0.02	0.003	1	NA	6/8/2021	ND	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	NA
Sample Matrix:	Ground water	**Date Received:**	NA

Dissolved Metals

Sample Name:	Method Blank 2	Units:	ug/L (ppb)
Lab Code:	K2105532-MB2	Basis:	NA
Test Notes:			

Analyte	Prep Method	Analysis Method	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
Arsenic (III)	None	1632A	0.02	0.003	1	NA	6/9/2021	0.004	J
Inorganic Arsenic	None	1632A	0.02	0.003	1	NA	6/8/2021	0.005	J

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	NA
Sample Matrix:	Ground water	**Date Received:**	NA

Dissolved Metals

Sample Name:	Method Blank 3	Units:	ug/L (ppb)
Lab Code:	K2105532-MB3	Basis:	NA
Test Notes:			

Analyte	Prep Method	Analysis Method	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
Arsenic (III)	None	1632A	0.02	0.003	1	NA	6/9/2021	0.004	J
Inorganic Arsenic	None	1632A	0.02	0.003	1	NA	6/8/2021	ND	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	NA
Sample Matrix:	Ground water	**Date Received:**	NA

Dissolved Metals

Sample Name:	Method Blank 4	Units:	ug/L (ppb)
Lab Code:	K2105532-MB4	Basis:	NA
Test Notes:			

Analyte	Prep Method	Analysis Method	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
Arsenic (III)	None	1632A	0.02	0.003	1	NA	6/9/2021	0.005	J
Inorganic Arsenic	None	1632A	0.02	0.003	1	NA	6/8/2021	0.007	J

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	NA
Sample Matrix:	Ground water	**Date Received:**	NA

Dissolved Metals

Sample Name:	Method Blank 5	Units:	ug/L (ppb)
Lab Code:	K2105532-MB5	Basis:	NA
Test Notes:			

Analyte	Prep Method	Analysis Method	MRL	MDL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
Arsenic (III)	None	1632A	0.02	0.003	1	NA	6/9/2021	0.008	J
Inorganic Arsenic	None	1632A	0.02	0.003	1	NA	6/8/2021	ND	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	NA
LCS Matrix:	Water	**Date Received:**	NA
		Date Extracted:	NA
		Date Analyzed:	6/8-6/9/2021

Calibration Verification (CALVER) Sample Summary
Total Metals

Sample Name: CALVER 1 Units: ug/L (ppb)
Basis: NA

Test Notes:

Analyte	Prep Method	Analysis Method	True Value	Result	Percent Recovery	ALS Percent Recovery Acceptance Limits	Result Notes
Arsenic (III)	None	1632A	0.20	0.202	101	70-130	
Inorganic Arsenic	None	1632A	0.20	0.201	100	80-120	

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dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	NA
LCS Matrix:	Water	**Date Received:**	NA
		Date Extracted:	NA
		Date Analyzed:	6/8-6/9/2021

Calibration Verification (CALVER) Sample Summary
Total Metals

Sample Name: CALVER 2

Units: ug/L (ppb)
Basis: NA

Test Notes:

Analyte	Prep Method	Analysis Method	True Value	Result	Percent Recovery	ALS Percent Recovery Acceptance Limits	Result Notes
Arsenic (III)	None	1632A	0.20	0.205	102	70-130	
Inorganic Arsenic	None	1632A	0.20	0.213	106	80-120	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	NA
LCS Matrix:	Water	**Date Received:**	NA
		Date Extracted:	NA
		Date Analyzed:	6/8-6/9/2021

Calibration Verification (CALVER) Sample Summary
Total Metals

Sample Name: CALVER 3 Units: ug/L (ppb)
Basis: NA

Test Notes:

Analyte	Prep Method	Analysis Method	True Value	Result	Percent Recovery	ALS Percent Recovery Acceptance Limits	Result Notes
Arsenic (III)	None	1632A	0.20	0.204	102	70-130	
Inorganic Arsenic	None	1632A	0.20	0.192	96	80-120	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	NA
LCS Matrix:	Water	**Date Received:**	NA
		Date Extracted:	NA
		Date Analyzed:	6/8-6/9/2021

Calibration Verification (CALVER) Sample Summary
Total Metals

Sample Name: CALVER 4

Units: ug/L (ppb)
Basis: NA

Test Notes:

Analyte	Prep Method	Analysis Method	True Value	Result	Percent Recovery	ALS Percent Recovery Acceptance Limits	Result Notes
Arsenic (III)	None	1632A	0.20	0.204	102	70-130	
Inorganic Arsenic	None	1632A	0.20	0.216	108	80-120	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	05/14/21 12:30
Sample Matrix:	Ground Water	**Date Received:**	05/18/21 09:40
Sample Name:	GR_12M21_GWC15	**Basis:**	NA
Lab Code:	K2105532-001		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Calcium	6020A	**108000**	ug/L	20	6	1	06/21/21 12:02	06/05/21	
Magnesium	6020A	**17500**	ug/L	10	2	1	06/21/21 12:02	06/05/21	
Potassium	6020A	**10700**	ug/L	50	20	1	06/21/21 12:02	06/05/21	
Silica	6010C	**1180**	ug/L	450	70	1	06/12/21 11:57	06/05/21	
Sodium	6020A	**6320**	ug/L	50	20	1	06/21/21 12:02	06/05/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	05/13/21 14:25
Sample Matrix:	Ground Water	**Date Received:**	05/18/21 09:40
Sample Name:	GR_12M21_GWC20	**Basis:**	NA
Lab Code:	K2105532-002		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Calcium	6020A	**227000**	ug/L	20	6	1	06/21/21 12:04	06/05/21	
Magnesium	6020A	**94400**	ug/L	10	2	1	06/21/21 12:04	06/05/21	
Potassium	6020A	**24200**	ug/L	50	20	1	06/21/21 12:04	06/05/21	
Silica	6010C	**2000**	ug/L	450	70	1	06/12/21 12:30	06/05/21	
Sodium	6020A	**100000**	ug/L	50	20	1	06/21/21 12:04	06/05/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	05/13/21 14:30
Sample Matrix:	Ground Water	**Date Received:**	05/18/21 09:40
Sample Name:	GR_12M21_1_20	**Basis:**	NA
Lab Code:	K2105532-003		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Calcium	6020A	**230000**	ug/L	20	6	1	06/21/21 12:11	06/05/21	
Magnesium	6020A	**96600**	ug/L	10	2	1	06/21/21 12:11	06/05/21	
Potassium	6020A	**24800**	ug/L	50	20	1	06/21/21 12:11	06/05/21	
Silica	6010C	**1980**	ug/L	450	70	1	06/12/21 12:33	06/05/21	
Sodium	6020A	**102000**	ug/L	50	20	1	06/21/21 12:11	06/05/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	05/13/21 11:30
Sample Matrix:	Ground Water	**Date Received:**	05/18/21 09:40
Sample Name:	GR_12M21_MB	**Basis:**	NA
Lab Code:	K2105532-004		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Calcium	6020A	**51**		ug/L	20	6	1	06/21/21 12:13	06/05/21	
Magnesium	6020A	**14**		ug/L	10	2	1	06/21/21 12:13	06/05/21	
Potassium	6020A	ND	U	ug/L	50	20	1	06/21/21 12:13	06/05/21	
Silica	6010C	**110**	**J**	ug/L	450	70	1	06/12/21 12:35	06/05/21	
Sodium	6020A	ND	U	ug/L	50	20	1	06/21/21 12:13	06/05/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	NA
Sample Matrix:	Ground Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2110186-02		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Silica	6010C	ND U	ug/L	450	70	1	06/12/21 11:50	06/05/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	NA
Sample Matrix:	Ground Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2110187-01		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Calcium	6020A	ND	U	ug/L	20	6	1	06/21/21 11:59	06/05/21	
Magnesium	6020A	ND	U	ug/L	10	2	1	06/21/21 11:59	06/05/21	
Potassium	6020A	ND	U	ug/L	50	20	1	06/21/21 11:59	06/05/21	
Sodium	6020A	ND	U	ug/L	50	20	1	06/21/21 11:59	06/05/21	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project	Grumman Road Treatability	**Date Collected:**	05/14/21
Sample Matrix:	Ground Water	**Date Received:**	05/18/21
		Date Analyzed:	06/12/21

Replicate Sample Summary
Total Metals

Sample Name:	GR_12M21_GWC15	**Units:**	ug/L
Lab Code:	K2105532-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2110186-04 Result	Average	RPD	RPD Limit
Silica	6010C	450	70	1180	1180	1180	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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Superset Reference:

ALS Group USA, Corp.
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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project	Grumman Road Treatability	**Date Collected:**	05/13/21
Sample Matrix:	Ground Water	**Date Received:**	05/18/21
		Date Analyzed:	06/21/21

Replicate Sample Summary
Total Metals

Sample Name:	GR_12M21_GWC20	**Units:**	ug/L
Lab Code:	K2105532-002	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2110187-03 Result	Average	RPD	RPD Limit
Calcium	6020A	20	6	227000	229000	228000	<1	20
Magnesium	6020A	10	2	94400	93800	94100	<1	20
Potassium	6020A	50	20	24200	24200	24200	<1	20
Sodium	6020A	50	20	100000	99400	99700	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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Superset Reference:

ALS Group USA, Corp.
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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	05/14/21
Sample Matrix:	Ground Water	**Date Received:**	05/18/21
		Date Analyzed:	06/12/21
		Date Extracted:	06/5/21

Matrix Spike Summary
Total Metals

Sample Name:	GR_12M21_GWC15	**Units:**	ug/L
Lab Code:	K2105532-001	**Basis:**	NA
Analysis Method:	6010C		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2110186-06

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Silica	1180	24000	21400	107	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Collected:**	05/13/21
Sample Matrix:	Ground Water	**Date Received:**	05/18/21
		Date Analyzed:	06/21/21
		Date Extracted:	06/5/21

Matrix Spike Summary
Total Metals

Sample Name:	GR_12M21_GWC20	**Units:**	ug/L
Lab Code:	K2105532-002	**Basis:**	NA
Analysis Method:	6020A		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2110187-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Calcium	227000	230000	250	1240 #	75-125
Magnesium	94400	93300	250	-457 #	75-125
Potassium	24200	24100	250	-77 #	75-125
Sodium	100000	98200	250	-886 #	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2105532
Project:	Grumman Road Treatability	**Date Analyzed:**	06/12/21
Sample Matrix:	Ground Water		

Lab Control Sample Summary
Total Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2110186-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Silica	6010C	22400	21400	105	80-120

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QA/QC Report

Client: Anchor QEA, LLC
Project: Grumman Road Treatability
Sample Matrix: Ground Water

Service Request: K2105532
Date Analyzed: 06/21/21

Lab Control Sample Summary
Total Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2110187-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Calcium	6020A	263	250	105	80-120
Magnesium	6020A	253	250	101	80-120
Potassium	6020A	256	250	102	80-120
Sodium	6020A	243	250	97	80-120

ALS Group USA, Corp.
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Prep Summary Report

Client: Anchor QEA, LLC **Service Request:** K2105532
Project: Grumman Road Treatability
Sample Matrix: Ground Water

Metals

Prep Method: EPA CLP ILM04.0 **Extraction Lot:** 380835
Analytical Method: 6010C **Extraction Date:** 06/05/21 10:13

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Amount	Percent Solids
GR_12M21_GWC15	K2105532-001	5/14/21	5/18/21	10 mL	10.5 mL	
GR_12M21_GWC20	K2105532-002	5/13/21	5/18/21	10 mL	10.5 mL	
GR_12M21_1_20	K2105532-003	5/13/21	5/18/21	10 mL	10.5 mL	
GR_12M21_MB	K2105532-004	5/13/21	5/18/21	10 mL	10.5 mL	
Method Blank	KQ2110186-02MB	NA	NA	10 mL	10.5 mL	
Lab Control Sample	KQ2110186-03LCS	NA	NA	10 mL	10.6 mL	
Duplicate	KQ2110186-04DUP	5/14/21	5/18/21	10 mL	10.5 mL	
Matrix Spike	KQ2110186-06MS	5/14/21	5/18/21	10 mL	10.6 mL	

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Prep Summary Report

Client: Anchor QEA, LLC **Service Request:** K2105532
Project: Grumman Road Treatability
Sample Matrix: Ground Water

Metals

Prep Method: EPA CLP ILM04.0 **Extraction Lot:** 380836
Analytical Method: 6020A **Extraction Date:** 06/05/21 10:13

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Amount	Percent Solids
GR_12M21_GWC15	K2105532-001	5/14/21	5/18/21	10 mL	10 mL	
GR_12M21_GWC20	K2105532-002	5/13/21	5/18/21	10 mL	10 mL	
GR_12M21_1_20	K2105532-003	5/13/21	5/18/21	10 mL	10 mL	
GR_12M21_MB	K2105532-004	5/13/21	5/18/21	10 mL	10 mL	
Method Blank	KQ2110187-01MB	NA	NA	10 mL	10 mL	
Lab Control Sample	KQ2110187-02LCS	NA	NA	10 mL	10.3 mL	
Duplicate	KQ2110187-03DUP	5/13/21	5/18/21	10 mL	10 mL	
Matrix Spike	KQ2110187-04MS	5/13/21	5/18/21	10 mL	10.3 mL	

Client: Anchor QEA, LLC **Service Request:** K2105532
Project: Grumman Road Treatability

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits
ICVB 06/12/21 08:15						
Silica	6010C	727213	10800	10700	101	90-110
CCVB 06/12/21 08:27						
Silica	6010C	727213	21500	21400	100	90-110
CCVB 06/12/21 10:06						
Silica	6010C	727213	22800	21400	107	90-110
CCVB 06/12/21 10:52						
Silica	6010C	727213	23100	21400	108	90-110
CCVB 06/12/21 10:54						
Silica	6010C	727213	22900	21400	107	90-110
CCVB 06/12/21 11:36						
Silica	6010C	727213	22100	21400	104	90-110
CCVB 06/12/21 12:12						
Silica	6010C	727213	22700	21400	106	90-110
CCVB 06/12/21 12:40						
Silica	6010C	727213	22400	21400	105	90-110
ICV 06/21/21 11:46						
Calcium	6020A	728214	275	250	110	90-110
Magnesium	6020A	728214	249	250	99	90-110
Potassium	6020A	728214	250	250	100	90-110
Sodium	6020A	728214	245	250	98	90-110
CCV 06/21/21 11:48						
Calcium	6020A	728214	2050	2000	103	90-110
Magnesium	6020A	728214	2010	2000	101	90-110
Potassium	6020A	728214	2030	2000	102	90-110
Sodium	6020A	728214	2040	2000	102	90-110
CCV 06/21/21 12:14						
Calcium	6020A	728214	2010	2000	101	90-110
Magnesium	6020A	728214	2000	2000	100	90-110
Potassium	6020A	728214	2010	2000	100	90-110
Sodium	6020A	728214	2060	2000	103	90-110

Client: Anchor QEA, LLC **Service Request:** K2105532
Project: Grumman Road Treatability

INITIAL AND CONTINUING CALIBRATION BLANKS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	C
ICB 06/12/21 08:20				
Silica	6010C	727213	60	U
CCB 06/12/21 08:32				
Silica	6010C	727213	60	U
CCB 06/12/21 10:14				
Silica	6010C	727213	60	U
CCB 06/12/21 11:05				
Silica	6010C	727213	60	U
CCB 06/12/21 11:41				
Silica	6010C	727213	60	U
CCB 06/12/21 12:25				
Silica	6010C	727213	-67.6	J
CCB 06/12/21 12:45				
Silica	6010C	727213	60	U
ICB 06/21/21 11:49				
Calcium	6020A	728214	6	U
Magnesium	6020A	728214	2	U
Potassium	6020A	728214	20	U
Sodium	6020A	728214	20	U
CCB 06/21/21 11:51				
Calcium	6020A	728214	6	U
Magnesium	6020A	728214	2	U
Potassium	6020A	728214	20	U
Sodium	6020A	728214	20	U
CCB 06/21/21 12:16				
Calcium	6020A	728214	19	J
Magnesium	6020A	728214	5	J
Potassium	6020A	728214	20	U
Sodium	6020A	728214	20	U

Client: Anchor QEA, LLC **Service Request:** K2105532
Project: Grumman Road Treatability

LOW LEVEL INITIAL AND LOW LEVEL CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
LLICV							
Silica	6010C	727213	413	430	97	70-130	06/12/21 08:22
LLCCV							
Silica	6010C	727213	422	430	99	70-130	06/12/21 10:19
LLCCV							
Silica	6010C	727213	413	430	97	70-130	06/12/21 12:48
LLICV							
Calcium	6020A	728214	24.5	20.0	123	70-130	06/21/21 11:52
Magnesium	6020A	728214	9.8	10.0	98	70-130	06/21/21 11:52
Potassium	6020A	728214	48.5	50.0	97	70-130	06/21/21 11:52
Sodium	6020A	728214	41.4	50.0	83	70-130	06/21/21 11:52
LLCCV							
Calcium	6020A	728214	25.5	20.0	127	70-130	06/21/21 12:29
Magnesium	6020A	728214	11.5	10.0	115	70-130	06/21/21 12:29
Potassium	6020A	728214	49.5	50.0	99	70-130	06/21/21 12:29
Sodium	6020A	728214	43.5	50.0	87	70-130	06/21/21 12:29

Client: Anchor QEA, LLC **Service Request:** K2105532
Project: Grumman Road Treatability

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSA **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Silica	6010C	727213	60	-	-	-	06/12/21 08:34

Client: Anchor QEA, LLC **Service Request:** K2105532
Project: Grumman Road Treatability

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSAB **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Silica	6010C	727213	60	-	-	-	06/12/21 08:37

Client: Anchor QEA, LLC **Service Request:** K2105532
Project: Grumman Road Treatability

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSA **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Calcium	6020A	728214	56400	-	-	-	06/21/21 11:54
Magnesium	6020A	728214	19500	-	-	-	06/21/21 11:54
Potassium	6020A	728214	19600	-	-	-	06/21/21 11:54
Sodium	6020A	728214	49100	-	-	-	06/21/21 11:54

Client: Anchor QEA, LLC **Service Request:** K2105532
Project: Grumman Road Treatability

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSAB **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Calcium	6020A	728214	56300	-	-	-	06/21/21 11:55
Magnesium	6020A	728214	18900	-	-	-	06/21/21 11:55
Potassium	6020A	728214	18800	-	-	-	06/21/21 11:55
Sodium	6020A	728214	47600	-	-	-	06/21/21 11:55

Client: Anchor QEA, LLC **Service Request:** K2105532
Project: Grumman Road Treatability

POST SPIKE SAMPLE RECOVERY

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Post Spike Result	True Value	% Rec	% Rec. Limits	Analysis Date
K2105532-001A								
Silica	6010C	727213	1120	13500	5000	247	80-120	06/12/21 12:28
K2105532-002A								
Calcium	6020A	728214	227000	229000	10000	22 #	80-120	06/21/21 12:08
Magnesium	6020A	728214	94400	98000	10000	36 #	80-120	06/21/21 12:08
Potassium	6020A	728214	24200	31500	10000	73	80-120	06/21/21 12:08
Sodium	6020A	728214	100000	104000	10000	35 #	80-120	06/21/21 12:08

Results flagged with a pound (#) indicate the control criteria is not applicable.

Client: Anchor QEA, LLC **Service Request:** K2105532
Project: Grumman Road Treatability

ICP SERIAL DILUTIONS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Serial Dillution Result	% Diff	% Diff. Limit	Analysis Date
K2105532-001SDL							
Silica	6010C	727213	1100	900 J	21	10	06/12/21 12:00
K2105532-002SDL							
Calcium	6020A	728214	227000	236000	4	10	06/21/21 12:07
Magnesium	6020A	728214	94400	96800	3	10	06/21/21 12:07
Potassium	6020A	728214	24200	25400	5	10	06/21/21 12:07
Sodium	6020A	728214	100000	101000	1	10	06/21/21 12:07

Client: Anchor QEA, LLC **Service Request:** K2105532
Project: Grumman Road Treatability/

Detection Limits

Instrument: K-ICP-MS-06 **Matrix:** Ground Water

Analyte	Mass	Units	MRL	MDL	Method
Calcium	43	ug/L	20	6	6020A
Magnesium	24	ug/L	10	2	6020A
Potassium	39	ug/L	50	20	6020A
Sodium	23	ug/L	50	20	6020A

Client: Anchor QEA, LLC **Service Request:** K2105532
Project: Grumman Road Treatability/

Detection Limits

Instrument: K-ICP-AES-03 **Matrix:** Ground Water

Analyte	Wavelength (nm)	Units	MRL	MDL	Method
Silica		ug/L	428	64.2	6010C

Client: Anchor QEA, LLC **Service Request:** K2105532
Project: Grumman Road Treatability/

Analysis Run Log

Instrument ID: **K-ICP-AES-03** **Analytical BatchID:** **727213**

Sample	Dilution Factor	Date/Time	SiO2
ZZZZZZ	1	06/12/21 08:08	
ZZZZZZ	1	06/12/21 08:10	
ZZZZZZ	1	06/12/21 08:12	
ICVB	1	06/12/21 08:15	X
ZZZZZZ	1	06/12/21 08:18	
ICB	1	06/12/21 08:20	X
LLICV	1	06/12/21 08:22	X
ZZZZZZ	0.5	06/12/21 08:25	
CCVB1	1	06/12/21 08:27	X
ZZZZZZ	1	06/12/21 08:30	
CCB	1	06/12/21 08:32	X
ICSA	1	06/12/21 08:34	X
ICSAB	1	06/12/21 08:37	X
ZZZZZZ	1	06/12/21 09:21	
ZZZZZZ	5	06/12/21 09:37	
ZZZZZZ	5	06/12/21 09:39	
ZZZZZZ	5	06/12/21 09:42	
ZZZZZZ	5	06/12/21 09:44	
ZZZZZZ	5	06/12/21 09:47	
ZZZZZZ	5	06/12/21 09:49	
ZZZZZZ	5	06/12/21 09:52	
ZZZZZZ	5	06/12/21 09:54	
ZZZZZZ	5	06/12/21 09:57	
ZZZZZZ	5	06/12/21 09:59	
ZZZZZZ	1	06/12/21 10:02	
CCVB	1	06/12/21 10:06	X
ZZZZZZ	1	06/12/21 10:09	
ZZZZZZ	1	06/12/21 10:12	
CCB	1	06/12/21 10:14	X
LLCCV	1	06/12/21 10:19	X
ZZZZZZ	0.5	06/12/21 10:23	
ZZZZZZ	5	06/12/21 10:28	
ZZZZZZ	5	06/12/21 10:30	
ZZZZZZ	5	06/12/21 10:32	
ZZZZZZ	5	06/12/21 10:35	
ZZZZZZ	5	06/12/21 10:37	
ZZZZZZ	5	06/12/21 10:40	

ALS Group USA, Corp.
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QA/QC Report

Client: Anchor QEA, LLC **Service Request:** K2105532
Project: Grumman Road Treatability/

Analysis Run Log

Instrument ID: **K-ICP-AES-03** **Analytical BatchID:** **727213**

Sample	Dilution Factor	Date/Time	SiO2
ZZZZZZ	5	06/12/21 10:42	
ZZZZZZ	5	06/12/21 10:45	
ZZZZZZ	5	06/12/21 10:47	
ZZZZZZ	25	06/12/21 10:49	
CCVB	1	06/12/21 10:52	X
CCVB	1	06/12/21 10:54	X
ZZZZZZ	1	06/12/21 10:57	
ZZZZZZ	1	06/12/21 11:01	
CCB	1	06/12/21 11:05	X
ZZZZZZ	5	06/12/21 11:09	
ZZZZZZ	5	06/12/21 11:12	
ZZZZZZ	5	06/12/21 11:14	
ZZZZZZ	5	06/12/21 11:16	
ZZZZZZ	5	06/12/21 11:19	
ZZZZZZ	5	06/12/21 11:21	
ZZZZZZ	5	06/12/21 11:24	
ZZZZZZ	5	06/12/21 11:26	
ZZZZZZ	100	06/12/21 11:28	
ZZZZZZ	5	06/12/21 11:31	
ZZZZZZ	1	06/12/21 11:33	
CCVB	1	06/12/21 11:36	X
ZZZZZZ	1	06/12/21 11:39	
CCB	1	06/12/21 11:41	X
ZZZZZZ	5	06/12/21 11:45	
ZZZZZZ	5	06/12/21 11:47	
KQ2110186-02MB	1	06/12/21 11:50	X
ZZZZZZ	1	06/12/21 11:52	
KQ2110186-03LCS	1	06/12/21 11:55	X
K2105532-001	1	06/12/21 11:57	X
K2105532-001SDL	5	06/12/21 12:00	X
K2105532-001DUP	1	06/12/21 12:02	X
ZZZZZZ	1	06/12/21 12:05	
K2105532-001MS	1	06/12/21 12:07	X
ZZZZZZ	1	06/12/21 12:10	
CCVB	1	06/12/21 12:12	X
ZZZZZZ	1	06/12/21 12:21	
CCB	1	06/12/21 12:25	X

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Anchor QEA, LLC **Service Request:** K2105532
Project: Grumman Road Treatability/

Analysis Run Log

Instrument ID: **K-ICP-AES-03** **Analytical BatchID:** **727213**

Sample	Dilution Factor	Date/Time	SiO2
K2105532-001PS	1	06/12/21 12:28	X
K2105532-002	1	06/12/21 12:30	X
K2105532-003	1	06/12/21 12:33	X
K2105532-004	1	06/12/21 12:35	X
ZZZZZZ	1	06/12/21 12:38	
CCVB	1	06/12/21 12:40	X
ZZZZZZ	1	06/12/21 12:43	
CCB	1	06/12/21 12:45	X
LLCCV	1	06/12/21 12:48	X
ZZZZZZ	0.5	06/12/21 12:51	
ZZZZZZ	1	06/12/21 12:54	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Anchor QEA, LLC **Service Request:** K2105532
Project: Grumman Road Treatability/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **728214**

Sample	Dilution Factor	Date/Time	Ca	Mg	K	Na
ZZZZZZ	1	06/21/21 11:43				
ZZZZZZ	1	06/21/21 11:45				
ICV	1	06/21/21 11:46	X	X	X	X
CCV	1	06/21/21 11:48	X	X	X	X
ICB	1	06/21/21 11:49	X	X	X	X
CCB	1	06/21/21 11:51	X	X	X	X
LLICVW	1	06/21/21 11:52	X	X	X	X
ICSA	1	06/21/21 11:54	X	X	X	X
ICSAB	1	06/21/21 11:55	X	X	X	X
ZZZZZZ	1	06/21/21 11:57				
KQ2110187-01MB	1	06/21/21 11:59	X	X	X	X
KQ2110187-02LCS	1	06/21/21 12:01	X	X	X	X
K2105532-001	1	06/21/21 12:02	X	X	X	X
K2105532-002	1	06/21/21 12:04	X	X	X	X
K2105532-002DUP	1	06/21/21 12:05	X	X	X	X
K2105532-002SDL	5	06/21/21 12:07	X	X	X	X
K2105532-002PS	1	06/21/21 12:08	X	X	X	X
K2105532-002MS	1	06/21/21 12:10	X	X	X	X
K2105532-003	1	06/21/21 12:11	X	X	X	X
K2105532-004	1	06/21/21 12:13	X	X	X	X
CCV	1	06/21/21 12:14	X	X	X	X
CCB	1	06/21/21 12:16	X	X	X	X
ZZZZZZ	1	06/21/21 12:17				
LLCCVW	1	06/21/21 12:29	X	X	X	X

Client: Anchor QEA, LLC **Service Request:** K2105532
Project: Grumman Road Treatability/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **728214**

Sample	Date/Time	Sc45NG	Sc45He
ZZZZZZ	06/21/21 11:43		
ZZZZZZ	06/21/21 11:45		
ICV	06/21/21 11:46	99	100
CCV	06/21/21 11:48	98	99
ICB	06/21/21 11:49	98	98
CCB	06/21/21 11:51	100	99
LLICVW	06/21/21 11:52	99	100
ICSA	06/21/21 11:54	100	98
ICSAB	06/21/21 11:55	96	98
ZZZZZZ	06/21/21 11:57		
KQ2110187-01MB	06/21/21 11:59	94	96
KQ2110187-02LCS	06/21/21 12:01	93	96
K2105532-001	06/21/21 12:02	100	105
K2105532-002	06/21/21 12:04	106	104
K2105532-002DUP	06/21/21 12:05	112	106
K2105532-002SDL	06/21/21 12:07	117	112
K2105532-002PS	06/21/21 12:08	114	112
K2105532-002MS	06/21/21 12:10	114	108
K2105532-003	06/21/21 12:11	116	106
K2105532-004	06/21/21 12:13	117	112
CCV	06/21/21 12:14	113	110
CCB	06/21/21 12:16	115	108
ZZZZZZ	06/21/21 12:17		
LLCCVW	06/21/21 12:29	108	104

Element, Wavelength and Order	Used?	Lines	EC	k1	k2	Calc. in PP
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	No
[illegible]	[illegible]	None				
[illegible]	[illegible]	2	[illegible]	[illegible]	[illegible]	No
			[illegible]	[illegible]	[illegible]	No
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	No
			[illegible]	[illegible]	[illegible]	No
			[illegible]	[illegible]	[illegible]	No
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	No
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	No
			[illegible]	[illegible]	[illegible]	No
			[illegible]	[illegible]	[illegible]	No
			[illegible]	[illegible]	[illegible]	No
			[illegible]	[illegible]	[illegible]	No
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	No
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	No
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[illegible]	[illegible]	2	[illegible]	[illegible]	[illegible]	No
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[illegible]	[illegible]	None				
[illegible]	[illegible]	None				
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	No

Element Wavelength Band Order	User	Lab Cs	SC	K1	K2	Calibration
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]		None				
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			[illegible]	[illegible]	[illegible]	[illegible]
			[illegible]	[illegible]	[illegible]	[illegible]

Raw Data

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

Total Solids

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

Benchsheet

Service Request #:	**K2105532, KQ2109592**	**Run #:**	**725420**
Test:	**TS**	**Balance ID:**	**K-BALANCE-49**
Method:	**160.3 Modified**		

Matrix	Lab Code	Tare (g)	Wet Wt. (g)	Tare + Dry Wt. (g)	Dry Weight (g)	% Total Solids	RPD
Soil	K2105532-005	1.221	10.105	9.353	8.13	80.5	
Soil	K2105532-005DUP	1.225	10.083	9.340	8.12	80.5	<1
Soil	K2105532-006	1.215	10.298	9.993	8.78	85.2	
Soil	K2105532-007	1.211	10.693	9.495	8.28	77.5	
Soil	K2105532-008	1.222	10.171	8.903	7.68	75.5	
Soil	K2105532-009	1.225	10.370	9.625	8.40	81.0	
Soil	K2105532-010	1.214	10.687	9.206	7.99	74.8	
Soil	K2105532-011	1.211	10.925	9.446	8.24	75.4	

	Oven ID	Temp In	Temp Out	Date In	Time In	Date Out	Time Out	Thermometer ID
Oven1	**K-Oven-07**	**105**	**105**	**5/28/2021**	**10:22**	**6/1/2021**	**06:29**	

	Cal EQID	Cal Start Value	Cal End Value	Start Date	Start Time	End Date	End Time
Calibration1	**K-BALANCE-49**	**0.999, 99.997**	**0.999, 99.997**	**5/28/2021**	**09:22**	**5/28/2021**	**10:22**
Calibration2	**K-BALANCE-49**	**0.999, 100.000**	**1.000, 100.001**	**6/1/2021**	**07:39**	**6/1/2021**	**07:42**

Comments: SN-42868 JG Reviewed by LA 6/1/21

General Chemistry

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

	Yes	No	N/A
Comments			
1. Holding times met by all samples analyzed?	[illegible]		
2. Are calibrations within upper limits of the curve?	[illegible]	[illegible]	
3. Method Blanks analyzed (required)?	[illegible]	[illegible]	
a. Does QC [illegible] apply?	[illegible]		
4. Are detection limits calculated correctly?	[illegible]		
5. Are quality control criteria met?	[illegible]	[illegible]	[illegible]
a. Method Blanks, CCVs, CCSs, LCSs, Dups and Spikes analyzed at the proper frequency?			
b. Are CCVs and CCSs within acceptance limits?	[illegible]	[illegible]	[illegible]
c. Are results for Method Blanks in ND?	[illegible]		[illegible]
d. Are QC samples within acceptance limits? (LCSs, Dups, MS/MSDs, PDSs, etc.)			
e. Are [illegible] acceptable?	[illegible]		
6. Are samples [illegible] correctly?	[illegible]	[illegible]	[illegible]

CAM Standard Operating Procedure Exceptions and Anomalies Report for Ion Chromatography

G1: Sample analysis [illegible] recommended holding time. See [illegible] worksheet.
G2: Sample [illegible] analyzed past holding time. The sample was [illegible] within recommended holding time.
G4: Sample [illegible] Date/Time of Collection and Recommended Holding Time.
R1: High RSD. Analytical [illegible] sample [illegible] the [illegible] reporting limit.
1: [illegible] Dilution [illegible] and the sample [illegible] holding.
1: Sample [illegible] primary [illegible]

LCS	[illegible]	[illegible]	[illegible]
Fluoride	True Value: [illegible] ppm	[illegible]	
Chloride	True Value: [illegible] ppm	[illegible]	
Nitrite	True Value: [illegible] ppm	[illegible]	
Bromide	True Value: [illegible] ppm	[illegible]	
Nitrate	True Value: [illegible] ppm	[illegible]	
Sulfate	True Value: [illegible] ppm	[illegible]	

CCV	[illegible]	[illegible]	[illegible]
Fluoride	True Value: [illegible] ppm	[illegible]	
Chloride	True Value: [illegible] ppm	[illegible]	
Nitrite	True Value: [illegible] ppm	[illegible]	
Bromide	True Value: [illegible] ppm	[illegible]	[illegible]
Nitrate	True Value: [illegible] ppm	[illegible]	
Sulfate	True Value: [illegible] ppm	[illegible]	

Spike			
200 ppm	[illegible]	[illegible]	[illegible]
Fluoride	[illegible]		
Chloride	[illegible]		
Nitrite	[illegible]		
Bromide	[illegible]		[illegible]
Nitrate	[illegible]		
Sulfate	[illegible]		

Additional	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Analyst: [illegible] Date: [illegible]

First Reviewer: [illegible] Date: [illegible]

Final Review: [illegible] Date: [illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] **Analyst:** [illegible] **Analysis Lot:** [illegible] **Method/Protocol:** [illegible]

Lab Code	Report Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Lab
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Sulfate	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Sulfate	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Sulfate	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Chloride	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Sulfate	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Sulfate	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Chloride	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Nitrate as Nitrogen	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Sulfate	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Nitrate as Nitrogen	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Chloride	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Sulfate	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Nitrate as Nitrogen	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Chloride	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Sulfate	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Chloride	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Nitrate as Nitrogen	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method/Testcode: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	Inj	MDL	RDL	% Moist	% RSD	Date Analyzed	SR	Dev
[illegible]	Sulfate	N/A		Ground Water	[illegible]	N/A	[illegible]	2	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Nitrate as Nitrogen	N/A		Water	[illegible]	N/A	[illegible]	2	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Sulfate	N/A		Water	[illegible]	N/A	[illegible]	2	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Nitrate as Nitrogen	N/A		Ground Water	[illegible]	N/A	[illegible]	2	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Sulfate	N/A		Ground Water	[illegible]	N/A	[illegible]	2	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Nitrate as Nitrogen	N/A		Water	[illegible]	N/A	[illegible]	2	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Sulfate	N/A		Water	[illegible]	N/A	[illegible]	2	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Nitrate as Nitrogen	N/A		Ground Water	[illegible]	N/A	[illegible]	2	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Sulfate	N/A		Ground Water	[illegible]	N/A	[illegible]	2	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Nitrate as Nitrogen	N/A		Ground Water	[illegible]	N/A	[illegible]	2	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Sulfate	N/A		Ground Water	[illegible]	N/A	[illegible]	2	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Nitrate as Nitrogen	N/A		Ground Water	[illegible]	N/A	[illegible]	2	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Sulfate	N/A		Ground Water	[illegible]	N/A	[illegible]	2	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Chloride	N/A		Ground Water	[illegible]	N/A	[illegible]	1					[illegible]	N	[illegible]
[illegible]	Chloride, Dissolved	N/A		Ground Water	[illegible]	N/A	[illegible]	1					[illegible]	N	[illegible]
[illegible]	Nitrate as Nitrogen	N/A		Ground Water	[illegible]	N/A	[illegible]	1					[illegible]	N	[illegible]
[illegible]	Sulfate	N/A		Ground Water	[illegible]	N/A	[illegible]	1					[illegible]	N	[illegible]
[illegible]	Chloride	N/A		Ground Water	[illegible]	N/A	[illegible]	1					[illegible]	N	[illegible]
[illegible]	Chloride, Dissolved	N/A		Ground Water	[illegible]	N/A	[illegible]	1					[illegible]	N	[illegible]
[illegible]	Nitrate as Nitrogen	N/A		Ground Water	[illegible]	N/A	[illegible]	1					[illegible]	N	[illegible]
[illegible]	Sulfate	N/A		Ground Water	[illegible]	N/A	[illegible]	1					[illegible]	N	[illegible]
[illegible]	Chloride	N/A		Ground Water	[illegible]	N/A	[illegible]	1					[illegible]	N	[illegible]
[illegible]	Chloride, Dissolved	N/A		Ground Water	[illegible]	N/A	[illegible]	1					[illegible]	N	[illegible]
[illegible]	Nitrate as Nitrogen	N/A		Ground Water	[illegible]	N/A	[illegible]	1					[illegible]	N	[illegible]

Footnotes: [illegible]

Reviewed by: [illegible]

Page [illegible] of [illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Technique: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DF	MDL	RDL	% Recov	% RSD	Date Analyzed	QC	Acc
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible] mg/L	[illegible]	[illegible] mg/L						[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible] mg/L	[illegible]	[illegible] mg/L						[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]					[illegible]	N	[illegible]

* Reported Final Result is [illegible] Reduced Sample Amount [illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Testcode: [illegible]

Lab Code	Target Analyte	SK	Parent Sample	Matrix	Raw Result	Sample Size	Final Result	Dil	MDL	PQL	%Recov	%RSD	Date Analyzed	QC?	Rep
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N

Analytical Results Summary

Instrument Name: [illegible] Analyte: [illegible] Analysis Date: [illegible] Method/Reference: [illegible]

Lab Code	Report Analyte	UC	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DF	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Type
[illegible]	Nitrate as Nitrogen	[illegible]	[illegible]	Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Nitrite	[illegible]	[illegible]	Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	Nitrate as Nitrogen	[illegible]	[illegible]	Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	Nitrate	[illegible]	[illegible]	Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	Nitrate as Nitrogen	[illegible]	[illegible]	Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	Nitrate

Title
Database [illegible]
Location [illegible]
Filter Status [illegible] Created [illegible]
Records 38 Last Update [illegible]

No.	Name	Type	Size	% Vol	Program	Method	Status	Prog. Date/Time
1	[illegible]	Standard	1	25.0	epa300	epa300	Finished	[illegible]
2	[illegible]	Standard	2	25.0	epa300	epa300	Finished	[illegible]
3	[illegible]	Standard	3	25.0	epa300	epa300	Finished	[illegible]
4	[illegible]	Standard	4	25.0	epa300	epa300	Finished	[illegible]
5	[illegible]	Standard	5	25.0	epa300	epa300	Finished	[illegible]
6	[illegible]	Standard	6	25.0	epa300	epa300	Finished	[illegible]
7	[illegible]	Standard	7	25.0	epa300	epa300	Finished	[illegible]
8	[illegible]	Standard	8	25.0	epa300	epa300	Finished	[illegible]
9	[illegible]	Unknown	40	25.0	epa300	epa300	Finished	[illegible]
10	[illegible]	Unknown	41	25.0	epa300	epa300	Finished	[illegible]
11	[illegible]	Unknown	2	25.0	epa300	epa300	Finished	[illegible]
12	[illegible]	Unknown	1	25.0	epa300	epa300	Finished	[illegible]
13	[illegible]	Unknown	2	25.0	epa300	epa300	Finished	[illegible]
14	[illegible]	Unknown	4	25.0	epa300	epa300	Finished	[illegible]
15	[illegible]	Unknown	5	25.0	epa300	epa300	Finished	[illegible]
16	[illegible]	Unknown	6	25.0	epa300	epa300	Finished	[illegible]
17	[illegible]	Unknown	7	25.0	epa300	epa300	Finished	[illegible]
18	[illegible]	Unknown	8	25.0	epa300	epa300	Finished	[illegible]
19	[illegible]	Unknown	9	25.0	epa300	epa300	Finished	[illegible]
20	[illegible]	Unknown	10	25.0	epa300	epa300	Finished	[illegible]
21	[illegible]	Unknown	43	25.0	epa300	epa300	Finished	[illegible]
22	[illegible]	Unknown	44	25.0	epa300	epa300	Finished	[illegible]
23	[illegible]	Unknown	11	25.0	epa300	epa300	Finished	[illegible]
24	[illegible]	Unknown	12	25.0	epa300	epa300	Finished	[illegible]
25	[illegible]	Unknown	13	25.0	epa300	epa300	Finished	[illegible]
26	[illegible]	Unknown	14	25.0	epa300	epa300	Finished	[illegible]
27	[illegible]	Unknown	15	25.0	epa300	epa300	Finished	[illegible]
28	[illegible]	Unknown	16	25.0	epa300	epa300	Finished	[illegible]
29	[illegible]	Unknown	17	25.0	epa300	epa300	Finished	[illegible]
30	[illegible]	Unknown	18	25.0	epa300	epa300	Finished	[illegible]
31	[illegible]	Unknown	19	25.0	epa300	epa300	Finished	[illegible]
32	[illegible]	Unknown	20	25.0	epa300	epa300	Finished	[illegible]
33	[illegible]	Unknown	45	25.0	epa300	epa300	Finished	[illegible]
34	[illegible]	Unknown	46	25.0	epa300	epa300	Finished	[illegible]
35	[illegible]	Unknown	21	25.0	epa300	epa300	Finished	[illegible]
36	[illegible]	Unknown	22	25.0	epa300	epa300	Finished	[illegible]
37	[illegible]	Unknown	23	25.0	epa300	epa300	Finished	[illegible]
38	[illegible]	Unknown	24	25.0	epa300	epa300	Finished	[illegible]
39	[illegible]	Unknown	25	25.0	epa300	epa300	Finished	[illegible]
40	[illegible]	Unknown	26	25.0	epa300	epa300	Finished	[illegible]
41	[illegible]	Unknown	27	25.0	epa300	epa300	Finished	[illegible]
42	[illegible]	Unknown	28	25.0	epa300	epa300	Finished	[illegible]

Chromeleon © Dionex Corporation, Version [illegible] SR1 [illegible] Build [illegible] (1996/2/6).

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Definition [illegible]
Location [illegible]
Timeline [illegible] Created [illegible] by [illegible]
Elements 98 Last Update [illegible] by [illegible]

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Chevron E Texaco Corporation [illegible]

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Survey Number	Observation/Key	Status	1st DF	2nd DF	Passing	Over

Service Performed	Description/How	Actions	1st OK	2nd OK	Remarks	Done

Service Rendered	Classification/Rate	Dates	1st Off	2nd Off	Reference	Cases

ALSENVIRONMENTAL, INC.

Ion Chromatograph Calibration Data

Sequence: [illegible]

Date: [illegible]

Analyte	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Corr.Coeff.	Slope	Residuals
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9905	0.271	
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9262	0.1726	
NO2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9772	0.3583	
Br	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9979	0.0712	
NO3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9504	0.4239	
SO4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9939	0.1211	
									99.971	0.1773	

[illegible]

/[illegible]

No.	Peak Name	Lev Type	#Points	Rel.Std.Dev. %	Corr.Coeff. %	Offset	Slope	Curve
1	Fluoride	Lin	8	1.1906	99.9905	0	0.271	0
2	Chloride	Lin	8	1.2234	99.9262	0	0.1726	0
3	Nitrite	Lin	8	1.7763	99.9772	0	0.3583	0
4	Bromide	Lin	8	0.5314	99.9979	0	0.0712	0
5	Nitrate	Lin	8	2.6061	99.9504	0	0.4239	0
6	Sulfate	Lin	8	1.4998	99.9939	0	0.1211	0
Average:			8	1.7463	99.971	0	0.1773	0

0.5mL		[illegible]		[illegible]
[illegible]	50ppm [illegible]	[illegible]	[illegible]	

[illegible]

	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	STD2	STD3	STD4	STD5	STD6	STD7	STD8	STD9
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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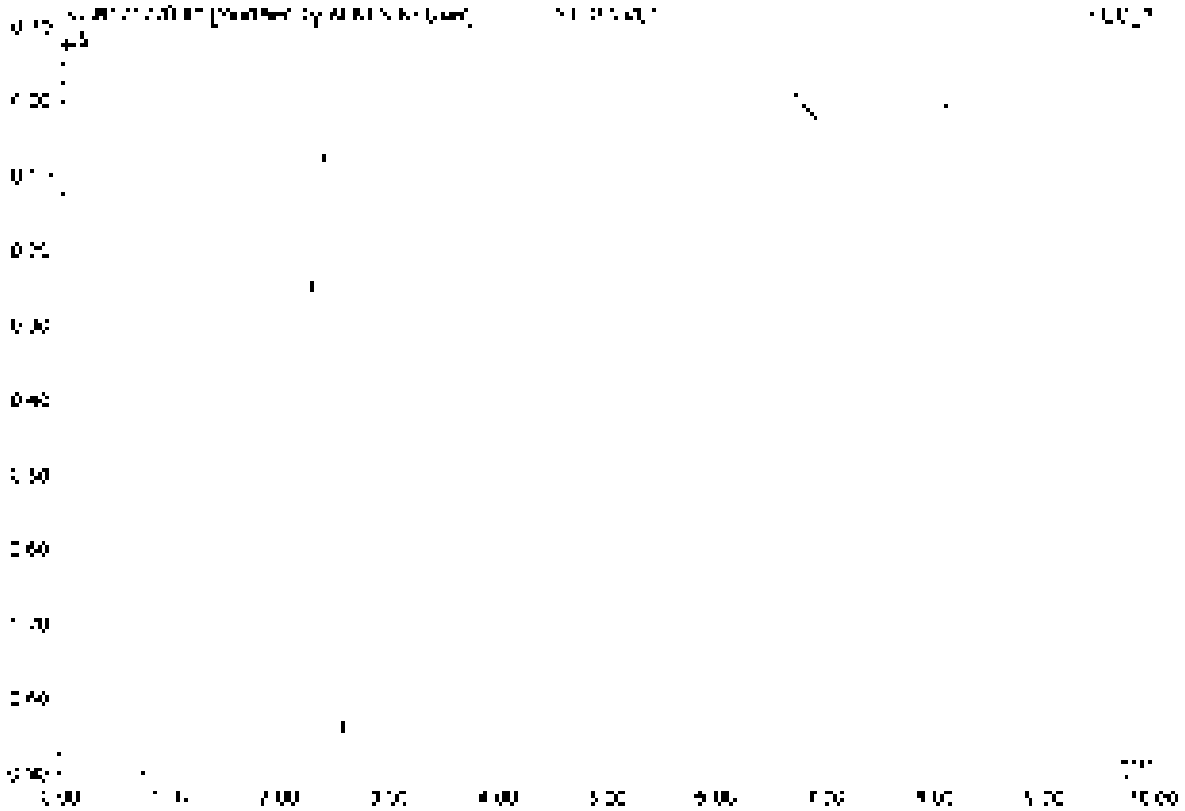
SO4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

1 STD1/LVL1

CH

Sample Name	STD1/LVL1	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	12/17/2020 14:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

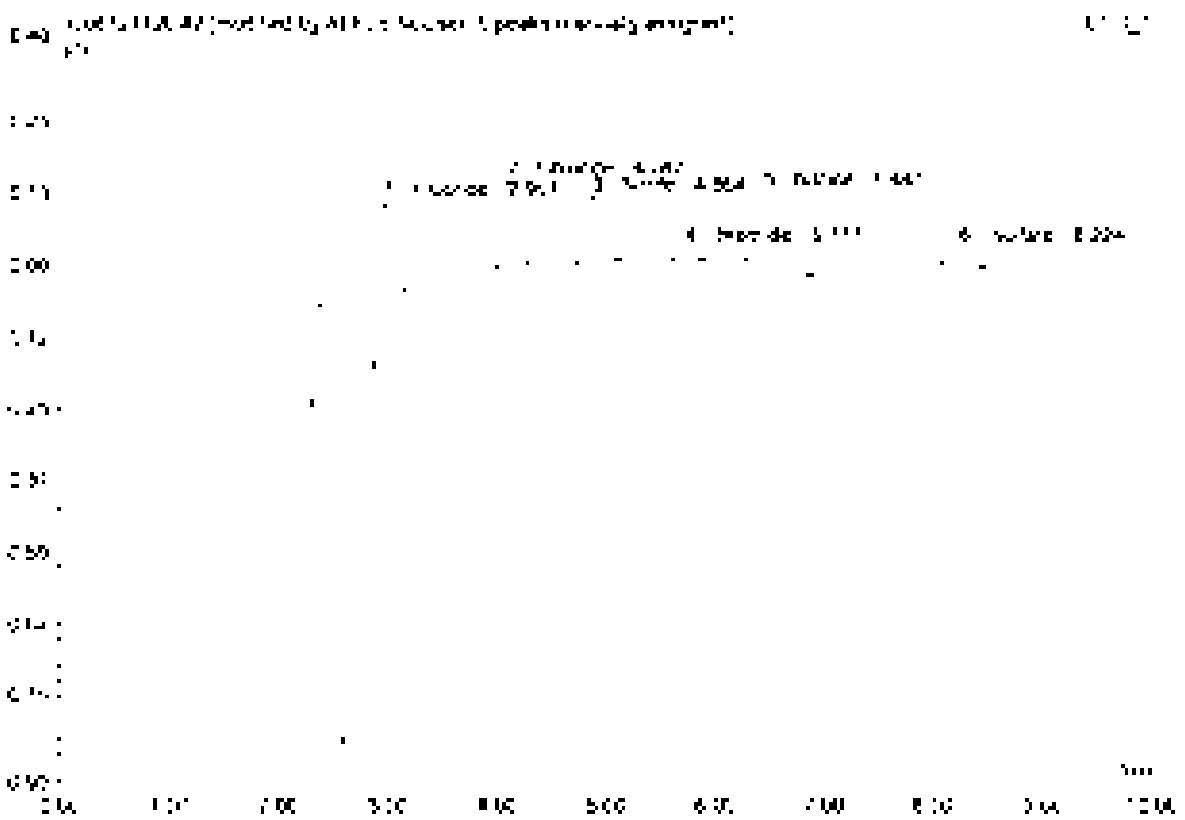


No.	RM.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total			0.000	0.000	0.00	0.000	

2 STD2/LVL2

19-GEN-05-95-C

Sample Name	STD2/LVL2	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Method Original	epa300	Bandwidth	n.a.
Method Name	epa300	Dilution Factor	1.0000
Recording Time	12/17/2020 14:26	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

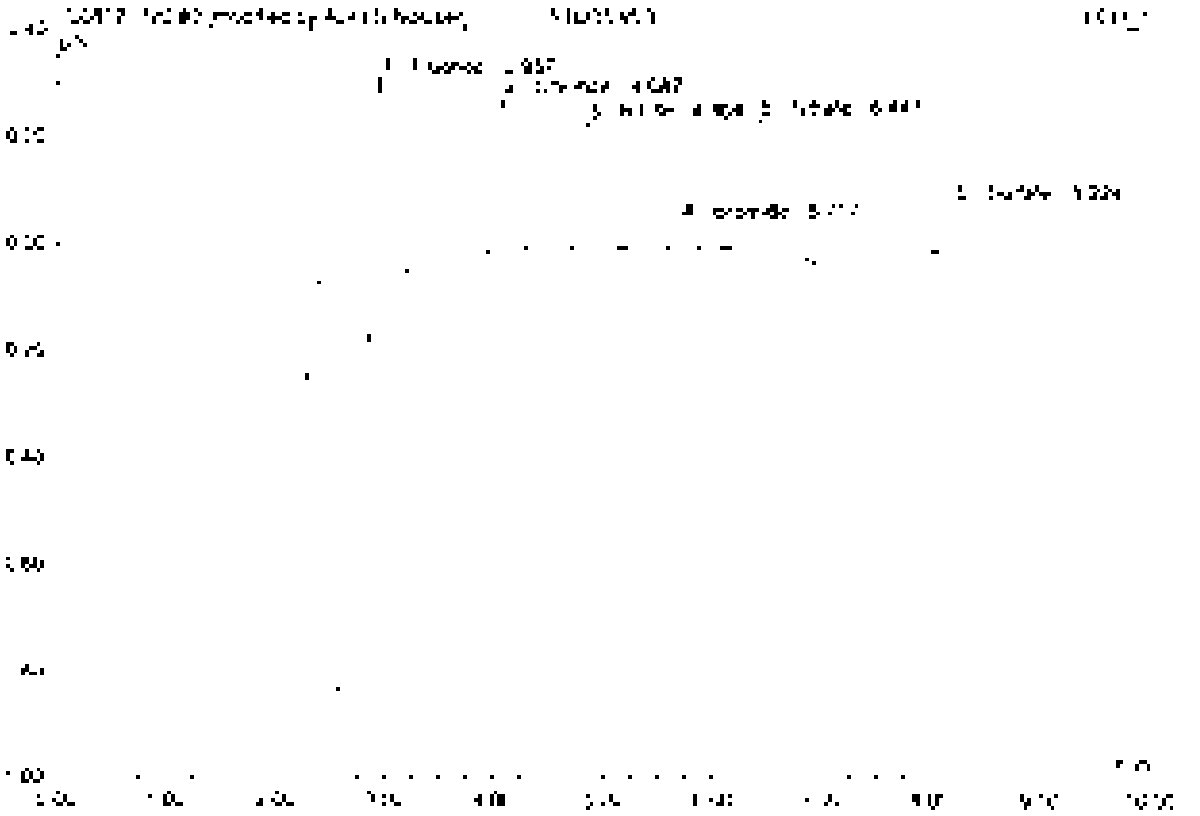


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	0.248	0.032	30.01	0.116	BV B*
2	4.09	Chloride	0.151	0.017	16.45	0.100	BV B*
3	4.85	Nitrite	0.116	0.017	16.57	0.045	BMB*
4	5.72	Bromide	0.074	0.003	3.27	0.048	BVB*
5	6.44	Nitrate	0.137	0.029	27.25	0.062	BVB*
6	8.77	Sulfate	0.033	0.007	6.44	0.056	BVB*
Total:			0.760	0.105	100.00	0.437	

3 STD3/LVL3

19-GEN-05-95-0

Sample Name	STD3/LVL3	Injection Volume	25.0
Inj Number	3	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recovery Time	12/17/2020 14:30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

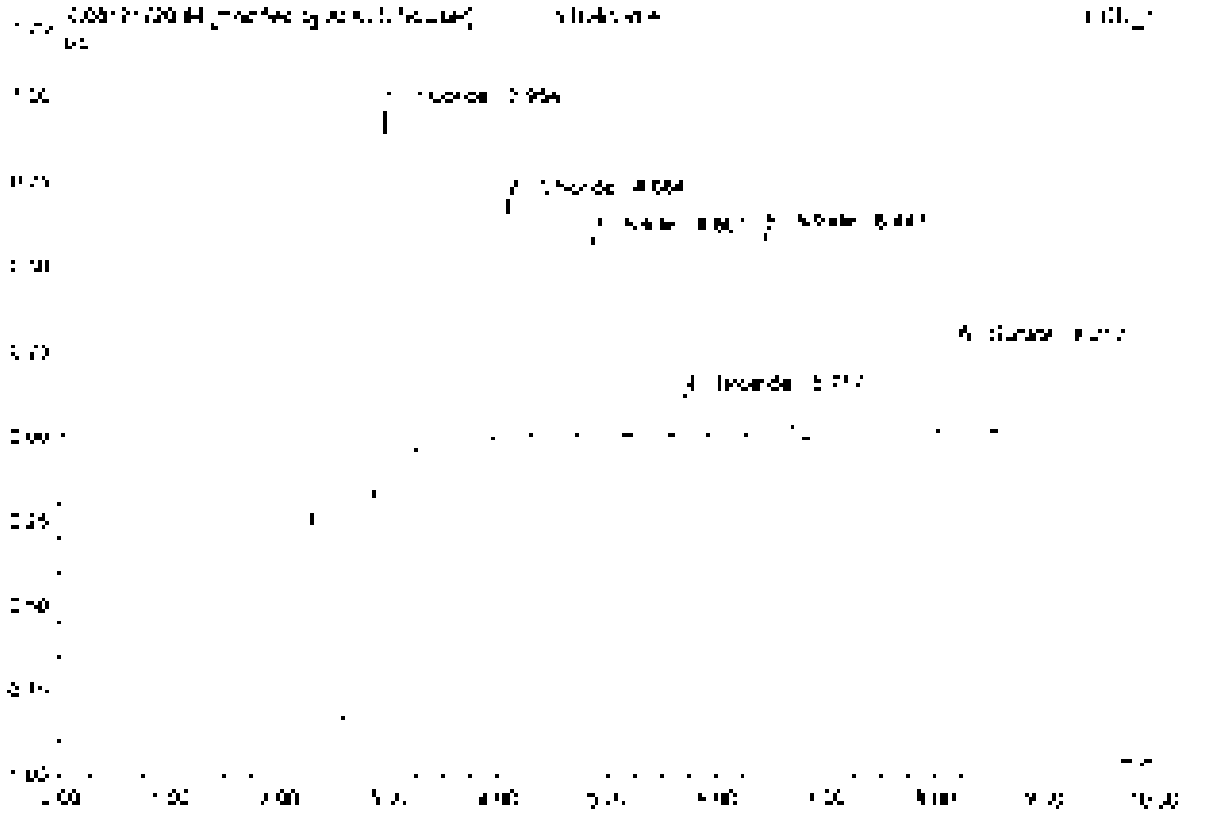


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	0.455	0.055	27.59	0.224	BV B*
2	4.09	Chloride	0.286	0.033	16.23	0.189	BMB
3	4.85	Nitrite	0.237	0.035	17.84	0.130	BMB
4	5.72	Bromide	0.048	0.007	3.53	0.039	BV B*
5	6.44	Nitrate	0.253	0.051	25.34	0.120	BV B*
6	8.22	Sulfate	0.090	0.019	9.51	0.153	BV B
Total:			1.372	0.201	100.00	0.869	

4 STD4LVL4

19-GEN-05-95-E

Sample Name	STD4LVL4	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant. Method	apa300	Dilution Factor	1.0000
Recording Time	12/17/2020 14:40	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

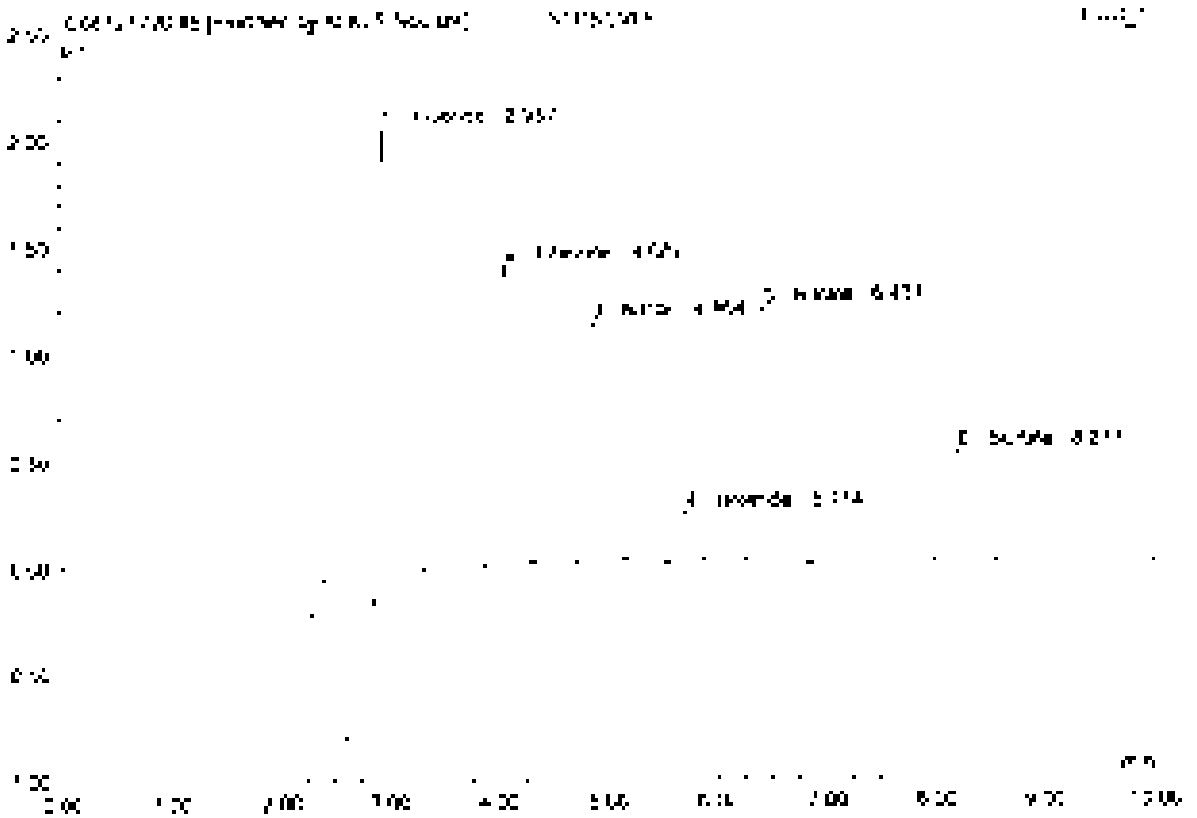


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	[illegible]	0.135	27.51	0.491	BVBP
2	4.08	Chloride	0.[illegible]	0.080	16.50	0.462	BVBP
3	4.85	Nitrite	0.101	0.059	12.31	0.247	BVBP
4	5.72	Bromide	0.120	0.018	3.68	0.250	BMBP
5	6.44	Nitrate	0.507	0.106	22.00	0.251	BMBP
6	8.22	Sulfate	0.255	0.056	12.00	0.479	BVBP
Total:			3.395	0.484	100.00	2.180	

5 STD5/LVL5

19-GEN-05-95-F

Sample Name	STD5/LVL5	Injection Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	12/17/2020 15:01	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

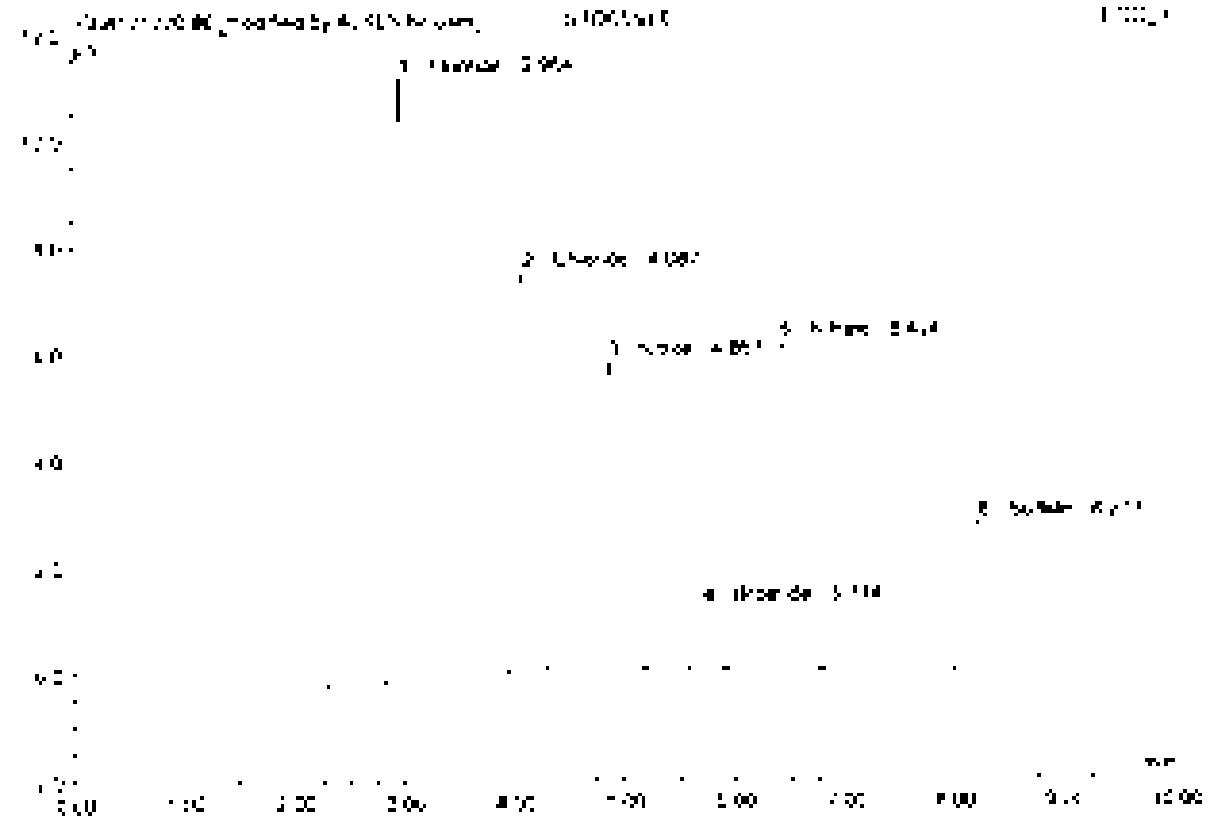


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	2.202	0.203	2.96	0.971	BVB*
2	4.09	Chloride	1.404	0.168	16.79	0.913	BVU*
3	4.86	Nitrite	1.125	0.169	17.55	0.472	BVU
4	5.71	Bromide	0.234	0.036	3.62	0.479	BVB*
5	5.44	Nitrate	1.197	0.205	21.75	0.483	BVB*
6	9.22	Sulfate	0.512	0.119	11.97	0.930	BVB*
Total:			6.675	0.941	100.00	4.248	

6 STD6/LVL6

19-GEN-05-95-G

Sample Name	STD6/LVL6	Injection Volume	35.0
Vial Number	6	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	12/17/2020 15:12	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

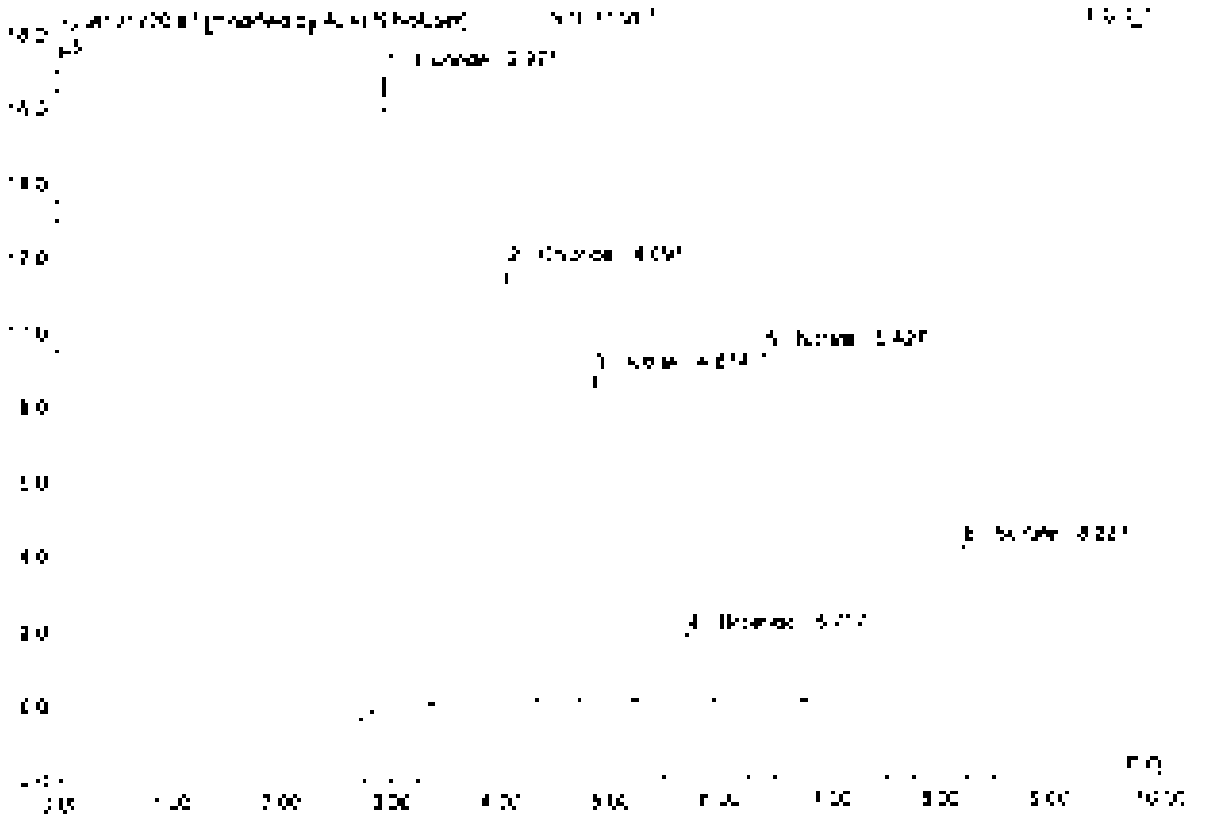


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	17.344	1.317	27.32	4.905	BMB
2	4.09	Chloride	7.610	0.832	17.12	4.818	BMB
3	4.87	Nitrite	5.835	0.877	18.05	2.448	BMB
4	5.77	Bromide	1.206	0.178	3.65	2.495	BMB
5	5.42	Nitrate	6.756	1.028	21.16	2.425	BMB
6	8.22	Sulfate	7.788	0.607	12.49	5.0[illegible]	BMB
Total:			34.809	4.858	100.00	27.136	

7 STD7/LVL7

19-GEN-05-95-H

Sample Name	STD7/LVL7	Injection Volume	35.0
Vial Number	7	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	12/17/2020 15:24	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

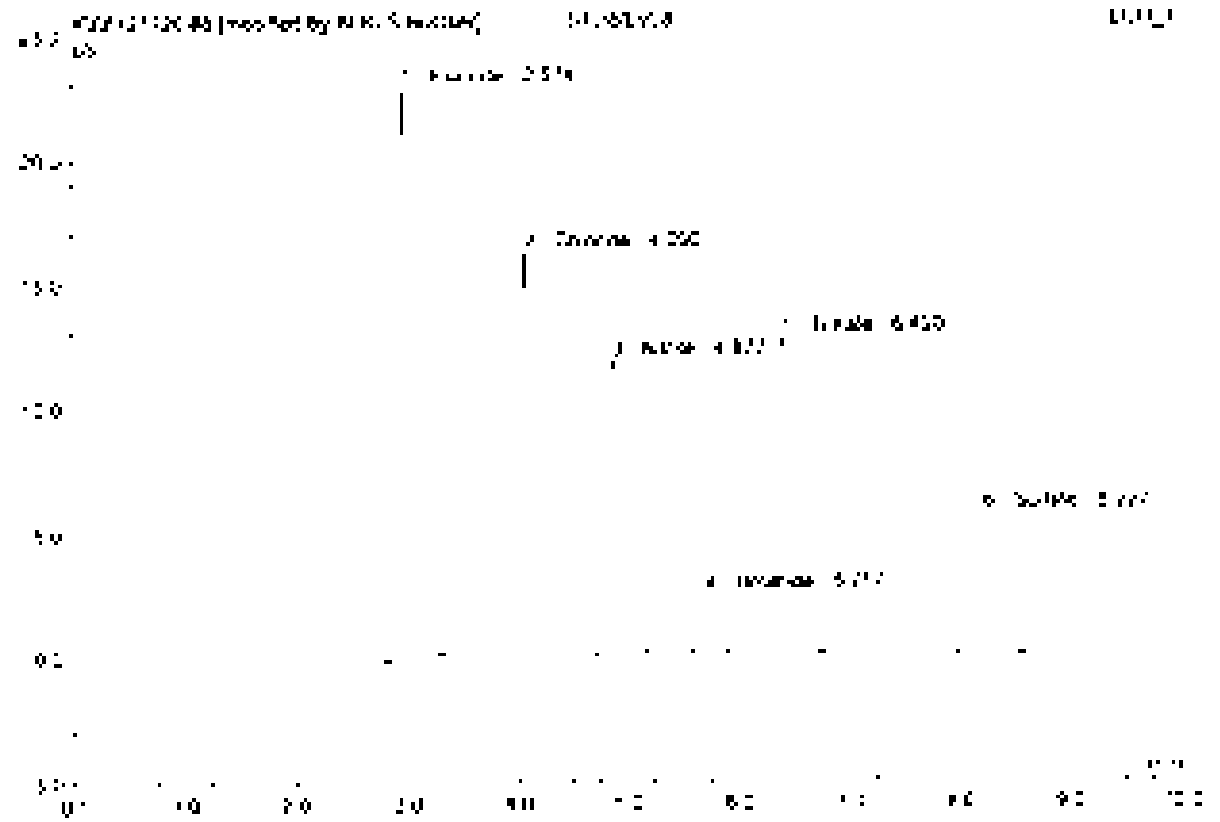


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.87	Fluoride	[illegible]	[illegible]	27.42	[illegible]	BMB*
2	4.59	Chloride	[illegible]	[illegible]	17.35	[illegible]	BMB*
3	4.87	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]	BMB*
4	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	BMB
5	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
6	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB*
Total:			[illegible]	[illegible]	100.00	[illegible]	

8 STD8/LVL8

19-GEN-05-95-I

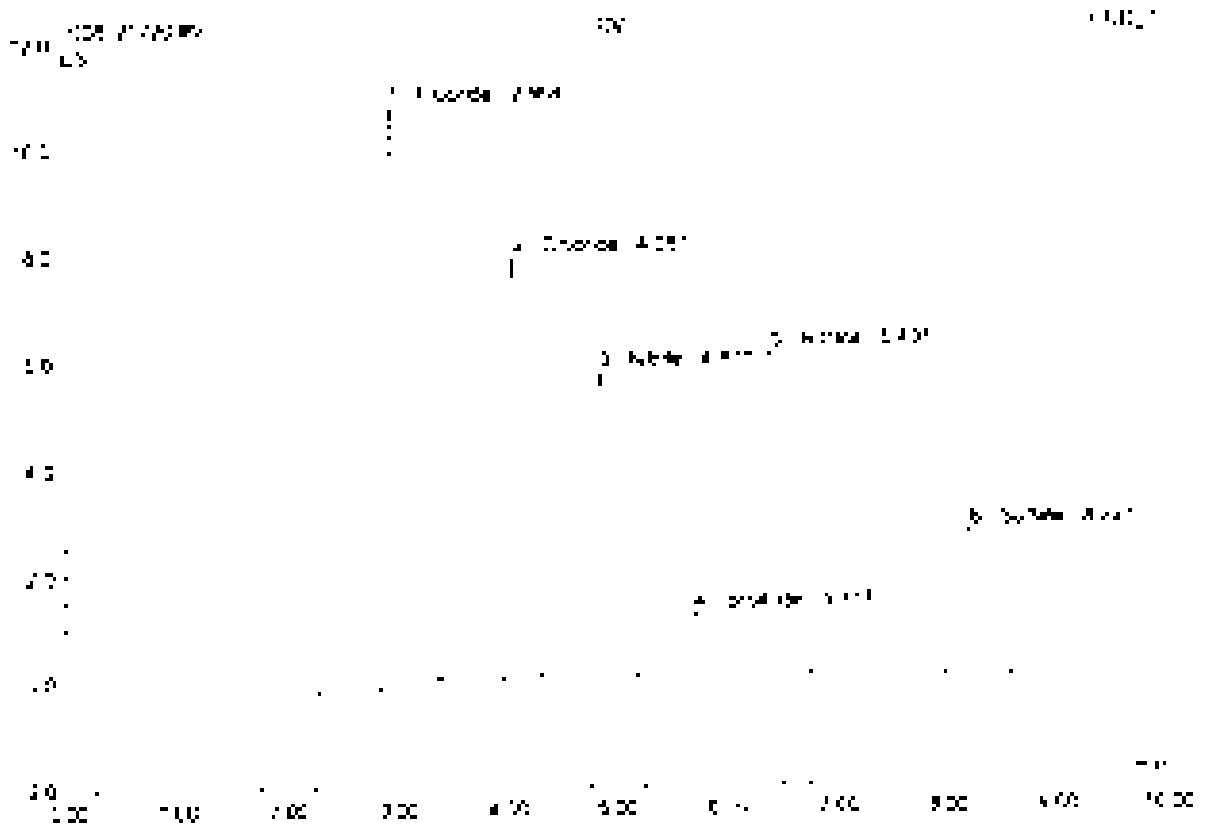
Sample Name	STD8/LVL8	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	12/17/2020 15:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.97	Fluoride	20 003	2 725	27 23	10 096	BMB*
2	4.09	Chloride	16 192	1 752	17 50	10 169	BMB
3	4.68	Nitrite	11 813	1 807	18 05	5 042	BMB
4	5.72	Phosphate	2 496	0.356	3 56	5 002	BMB*
5	6.42	Nitrate	12 730	2 147	21 46	5 066	BMB
6	9.23	Sulfate	5 659	1 218	12 17	10 052	BMB*
Total:			71 833	10 007	100 00	45 378	

9 ICV

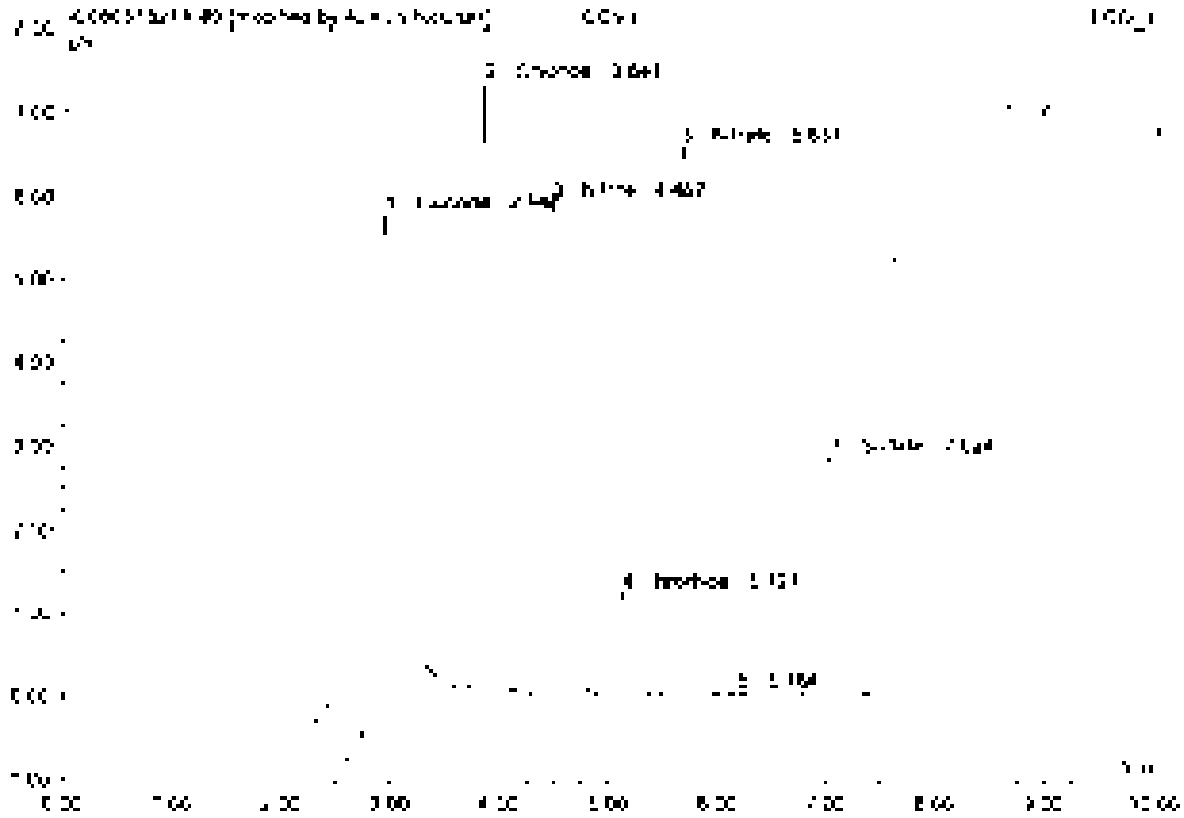
Sample Name	ICV	Injection Volume	25.0
Vial Number	11	Channel	ECD [illegible]
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	12/17/2020 16:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	[illegible]	[illegible]	26.79	[illegible]	BVA
2	4.09	Chloride	7.597	0.872	18.13	5.050	BVB
3	4.87	Nitrite	[illegible]	0.851	[illegible]	2.404	BVB
4	5.72	Bromide	[illegible]	[illegible]	3.66	2.454	BVD
5	6.43	Nitrate	6.680	[illegible]	21.1[illegible]	2.395	BMB
6	8.29	Sulfate	2.731	0.598	12.42	4.534	BMB
Total:			34.579	4.570	100.00	22.002	

9 CCV1

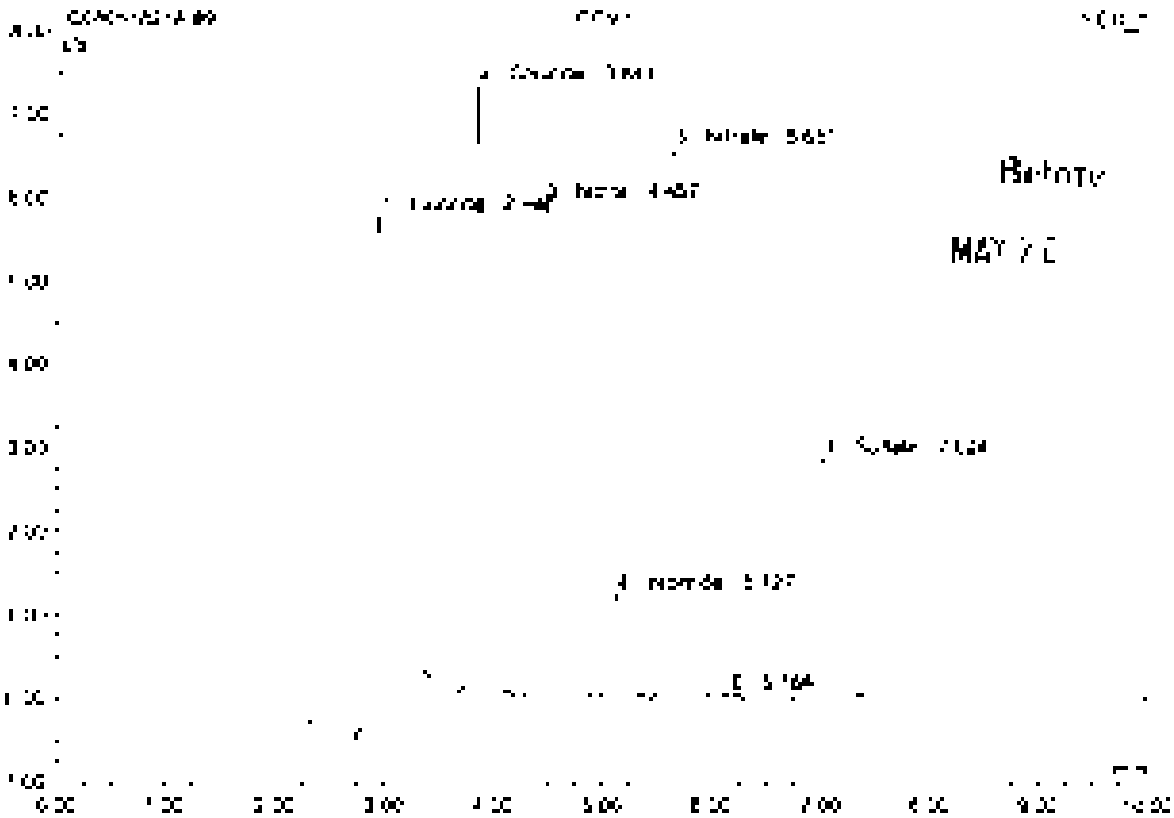
Sample Name	CCV1	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	5/18/2021 13:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	6.136	1.275	25.62	5.078	BMB*
2	3.84	Chloride	7.279	0.867	17.43	4.951	BMB*
3	4.46	Nitrite	5.913	0.530	10.62	2.614	BMB
4	5.13	Bromide	7.230	0.181	3.67	2.547	BMB
5	5.65	Nitrate	6.588	1.055	21.46	2.505	BMB
6	6.19	n.a.	0.043	0.007	0.13	n.a.	BMB
7	7.02	Sulfate	2.865	0.513	12.45	4.973	BMB
Total:			36.256	4.917	100.00	22.669	

8 CCV1

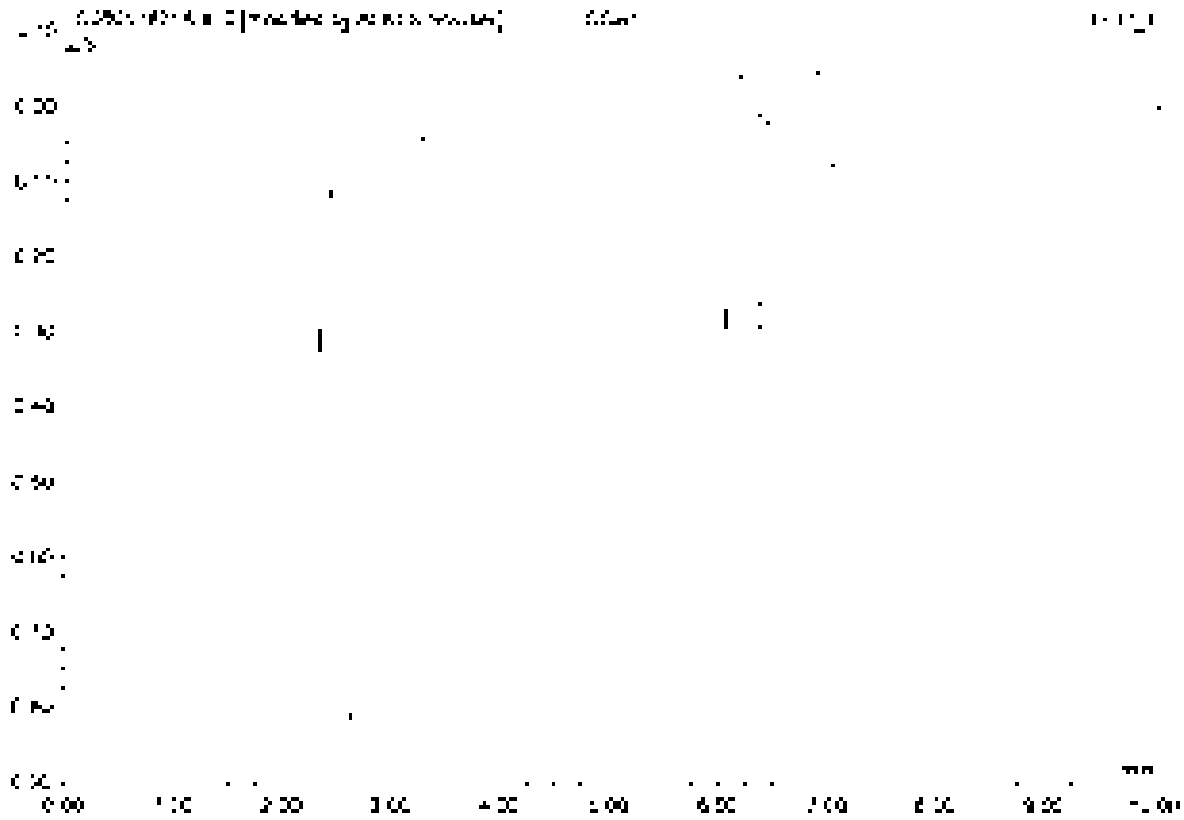
Sample Name	CCV1	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	5/18/2021 13:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.94	Fluoride	6.161	1.330	26.75	5.296	BMB
2	3.84	Chloride	7.278	0.857	17.24	4.961	BMB
3	4.46	Nitrite	5.913	0.939	18.91	2.614	BMB
4	5.19	Bromide	7.230	0.181	3.64	2.547	BMB
5	5.65	Nitrate	6.589	1.055	21.22	2.909	BMB
6	6.15	n.a.	0.043	0.007	0.13	n.a.	BMB
7	7.02	Sulfate	2.865	0.513	10.32	4.973	BMB
Total:			30.283	4.973	100.00	22.889	

10 CCB1

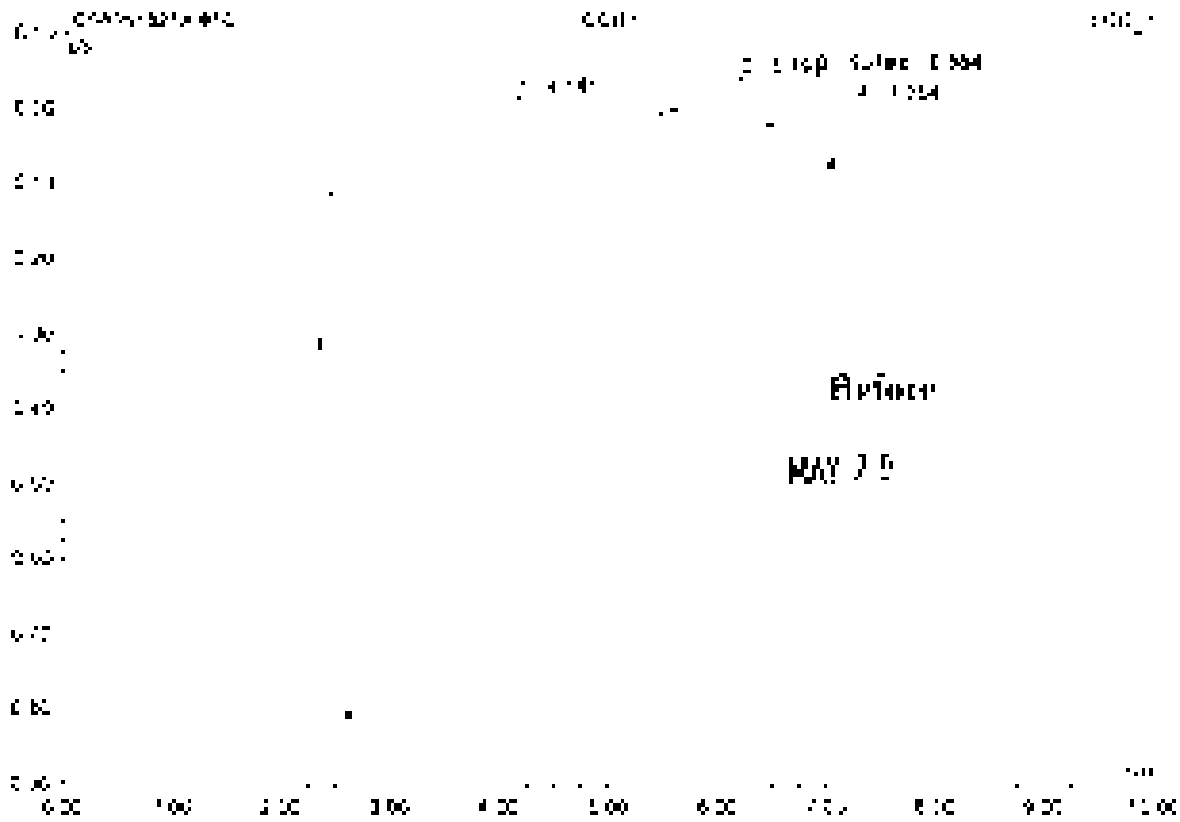
Sample Name	CCB1	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	5/18/2021 14:01	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

10 CCB1

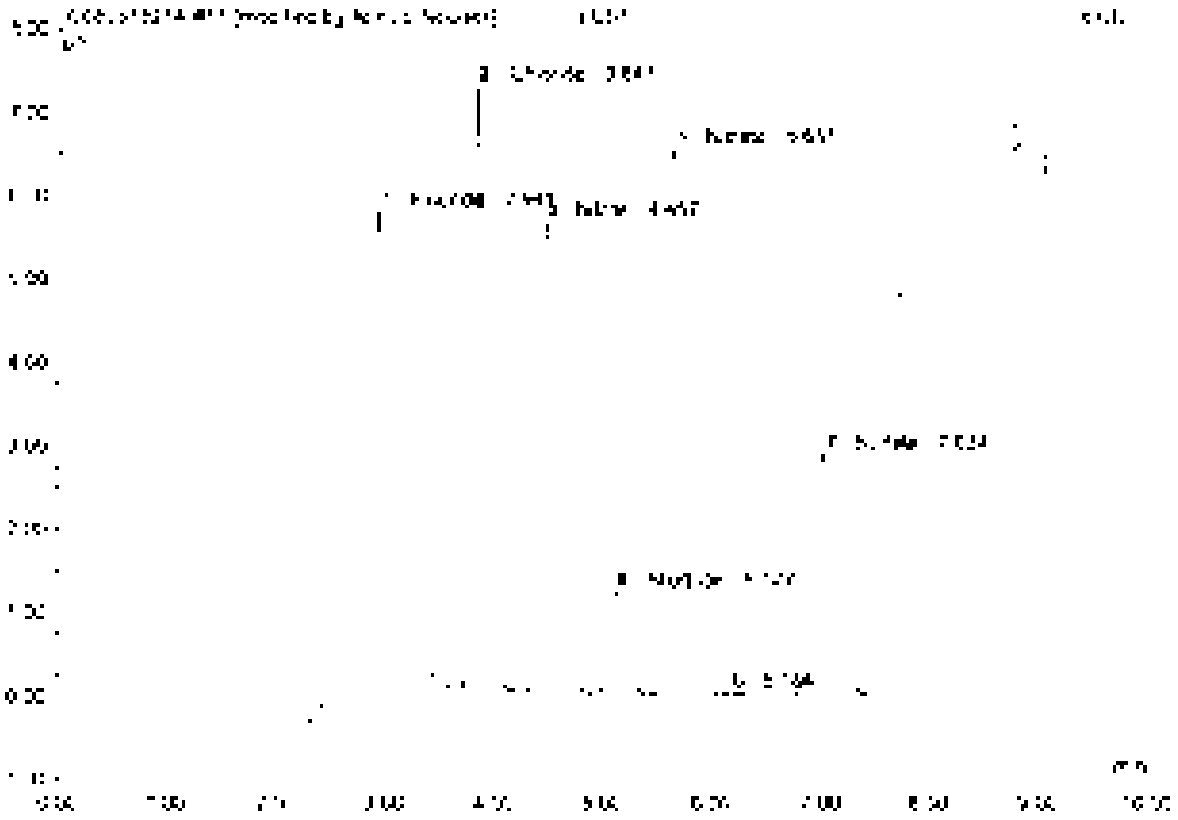
Sample Name	CCB1	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	5/18/2021 14:01	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.14	n.a.	0.297	0.929	83.96	n.a.	BMB
2	5.15	n.a.	0.038	0.047	4.10	n.a.	dMB
3	6.88	Sulfate	0.012	0.020	2.16	0.213	bMB
4	7.78	n.a.	0.074	0.067	6.10	n.a.	BMB
Total:			0.842	1.099	100.00	0.213	

11 LCS1

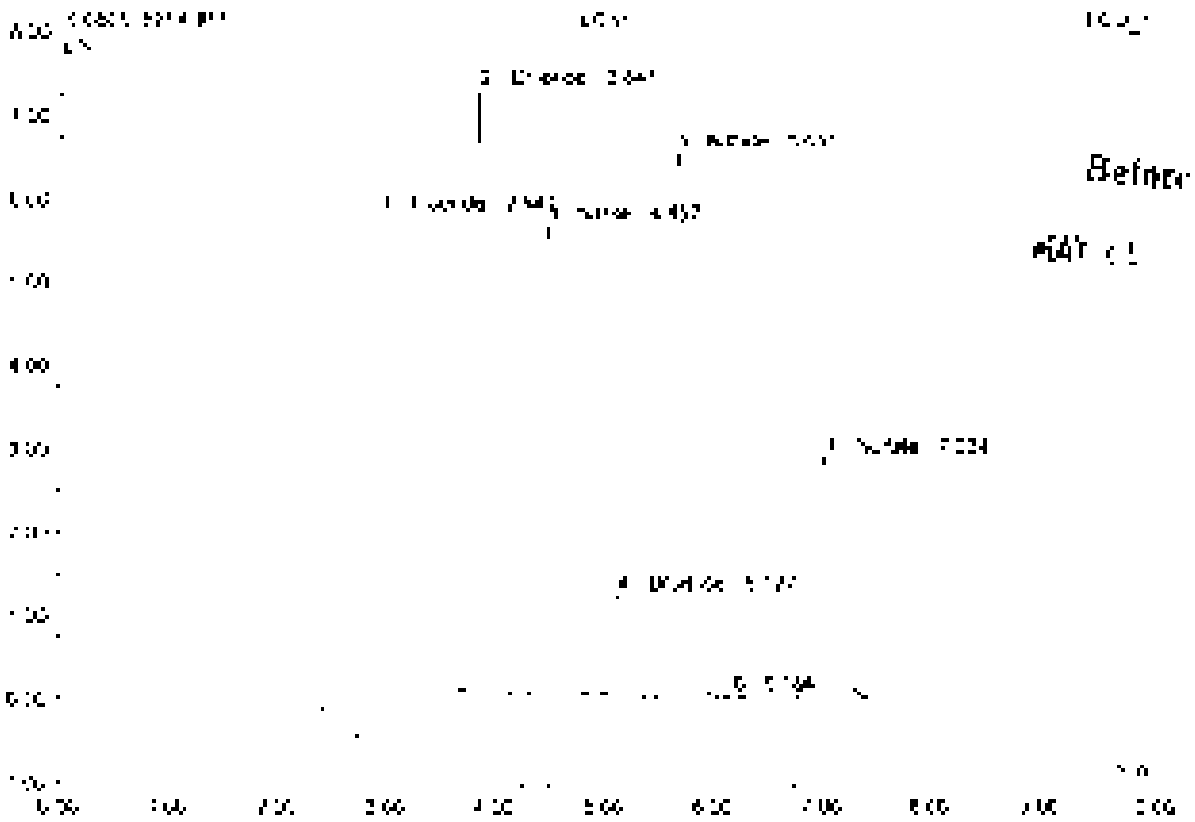
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	Unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant Method	wpa300	Dilution Factor	1.0000
Recording Time	5/14/2021 14:13	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.98	Fluoride	6.154	1.275	25.25	5.055	BV8*
2	3.64	Chloride	7.203	0.852	16.88	4.522	BV8*
3	4.46	Nitrite	5.662	0.890	16.27	2.502	BM8
4	5.13	Bromide	1.225	0.180	3.56	2.594	BM8
5	5.65	Nitrate	6.550	1.048	21.51	2.497	BV9
6	6.18	n.a.	0.342	0.035	0.70	n.a.	BV8
7	7.07	Sulfate	2.880	0.637	12.61	5.012	BV8
Total:			29.757	4.874	100.00	22.556	

11 LCS1

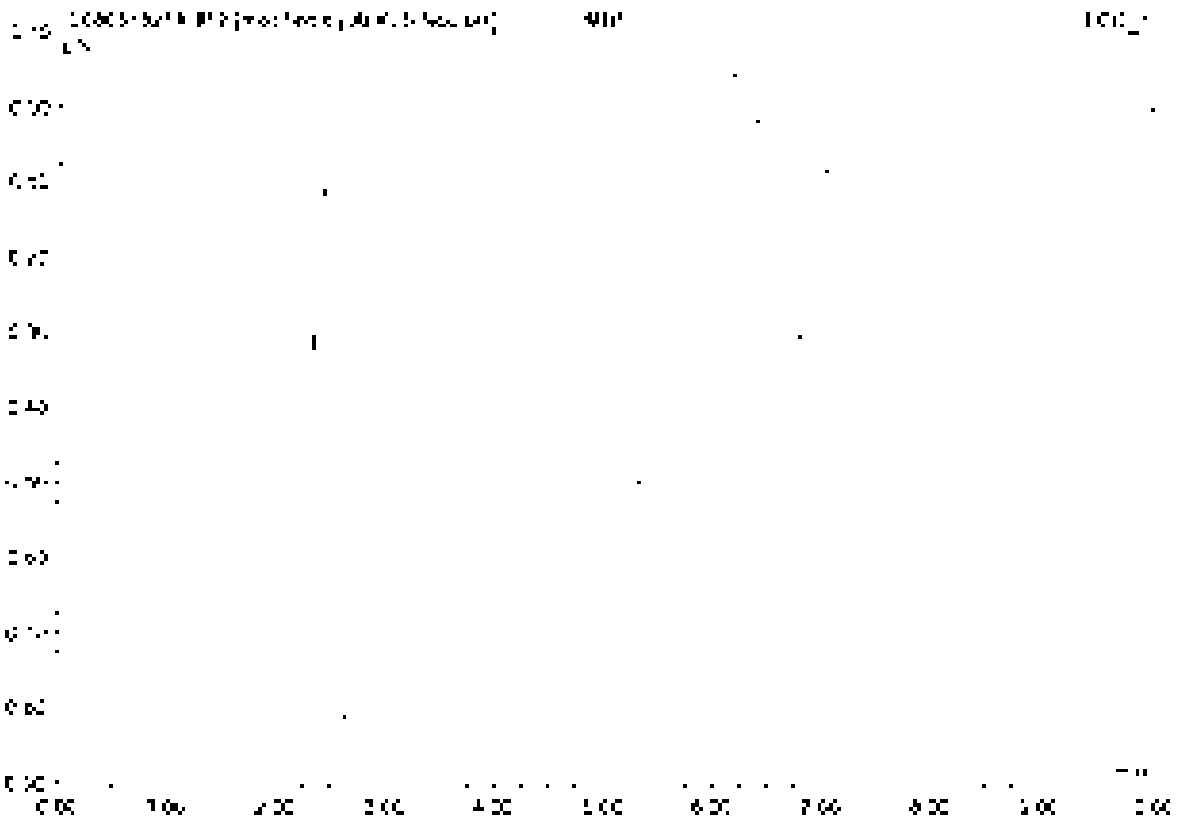
Sample Name	LCS1	Injection Volume	25.0
Vial Number	3	Column	ICS-1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Calibrat. Factor	1.0000
Recording Time	5/18/2021 14:13	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	6.181	1.335	27.39	5.317	BMB
2	3.54	Chloride	7.233	0.852	17.25	4.577	BMB
3	4.46	Nitrite	5.667	0.850	17.06	2.562	BMB
4	5.13	Bromide	1.225	0.180	3.65	2.534	BMB
5	5.63	Nitrate	6.550	1.048	21.37	2.492	BMB
6	6.18	n.a.	0.042	0.026	0.53	n.a.	BMB
7	7.02	Sulfate	2.886	0.617	12.42	5.012	BMB
Total:			29.780	4.930	100.00	22.779	

12 MB1

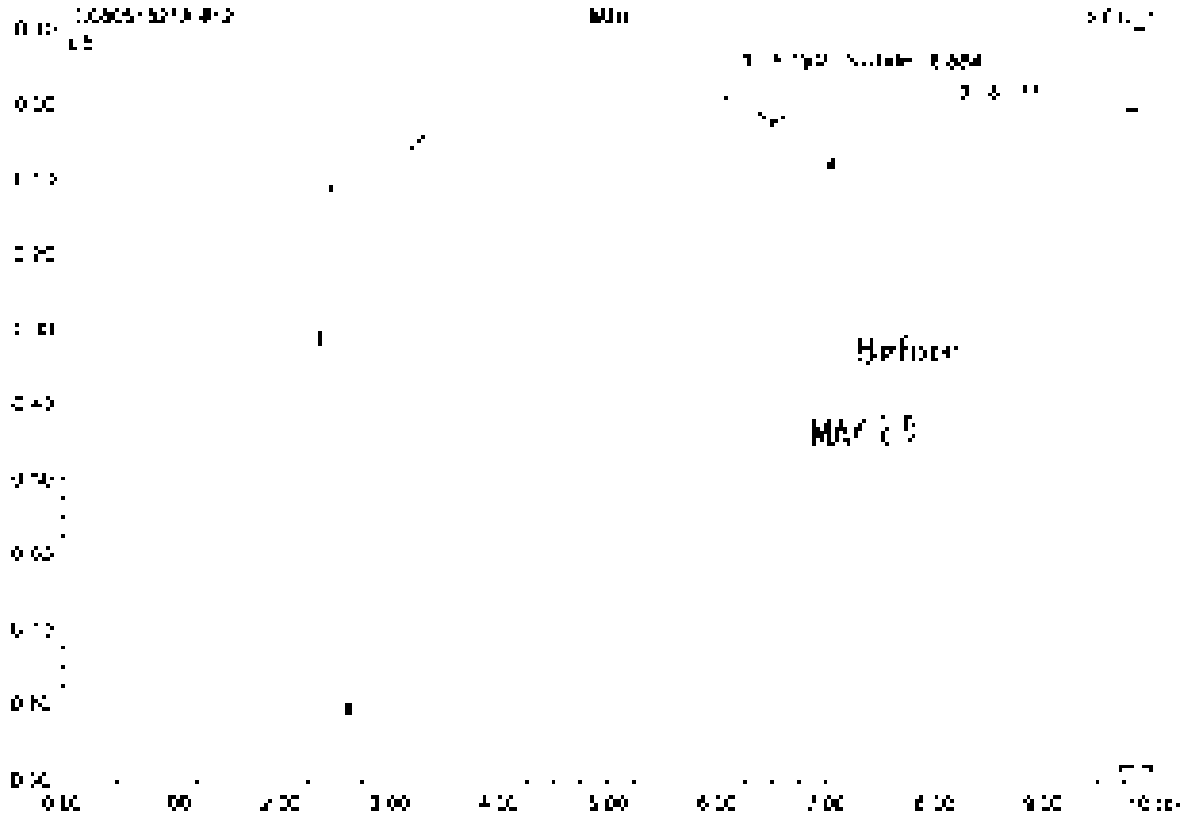
Sample Name	MB1	Inj Vol	25.0
Vial Number	1	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	5/18/2021 14:25	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

12 MB1

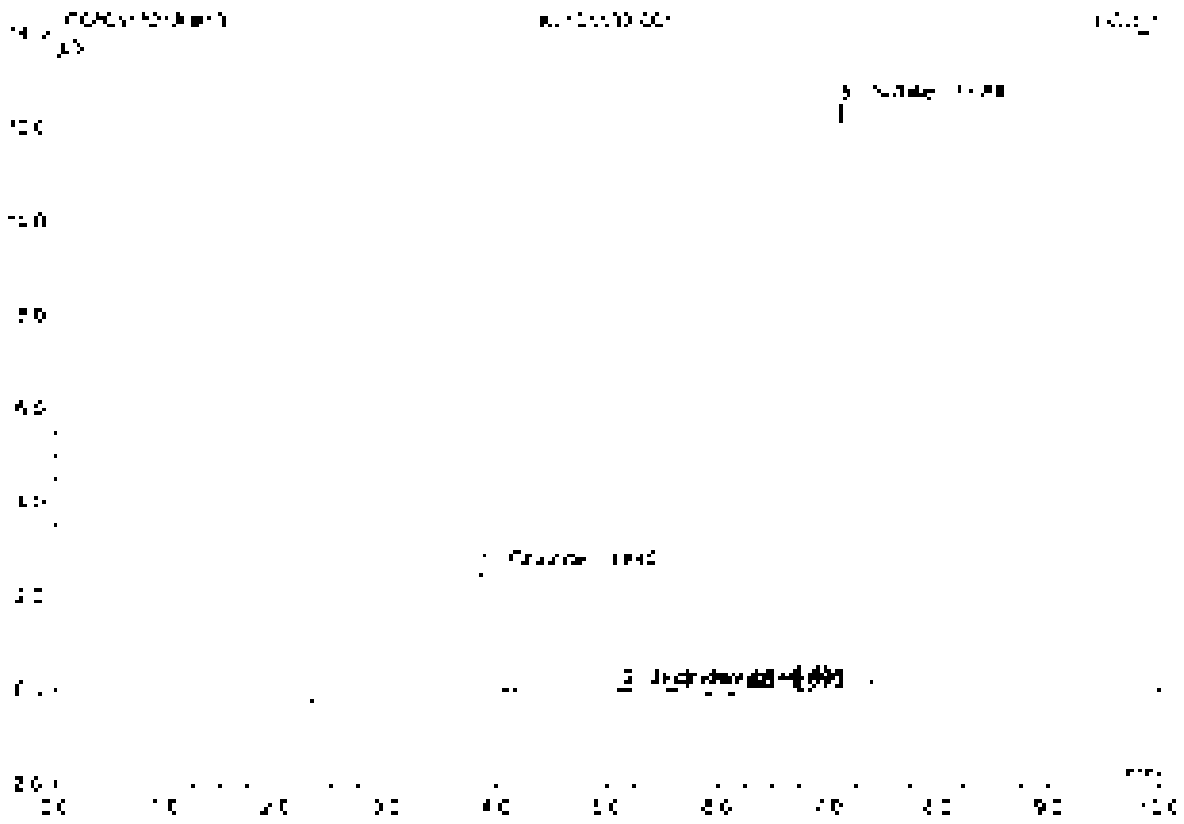
Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	5/18/2021 14.25	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.19	n.a	0.195	1.439	91.76	n.a	BMB
2	6.38	Sulfate	0.114	0.026	1.66	0.213	BWB
3	8.10	n.a	0.054	0.113	7.02	n.a	BMB
Total:			0.294	1.577	100.00	0.213	

13 K2105532-001

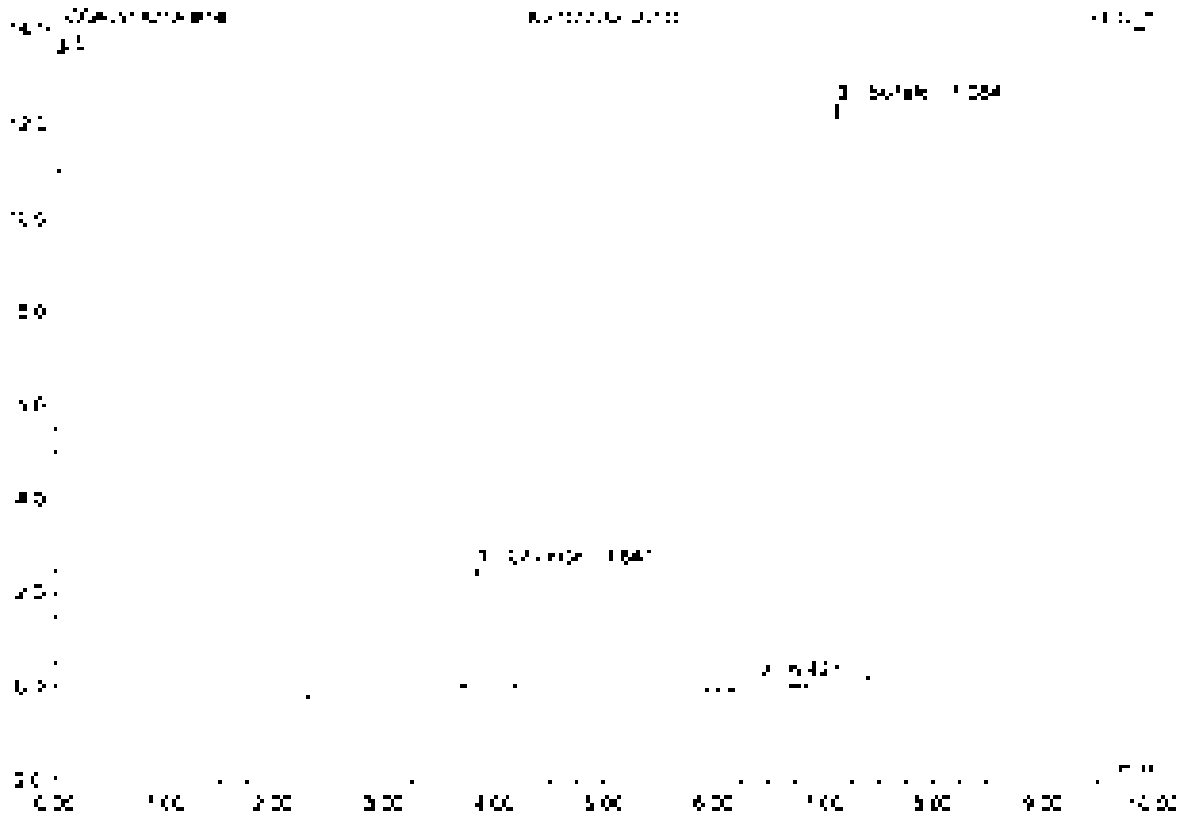
Sample Name	K2105532-001	Injection Volume	25.0
Vial Number	3	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Control Method	apa300	Dilution Factor	3.0000
Recording Time	5/18/2021 14:36	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.84	Chloride	2.555	0.313	11.78	0.619	BMB
2	5.14	Bromide	0.032	0.005	0.21	0.169	BMB
3	5.60	Nitrite	0.050	0.028	1.04	0.132	BMB
4	6.40	n.a.	0.151	0.073	2.75	n.a.	BMB
5	7.08	Sulfate	12.445	2.250	84.21	38.369	BMB
Total:			15.256	2.669	100.00	40.255	

14 K2105532-001D

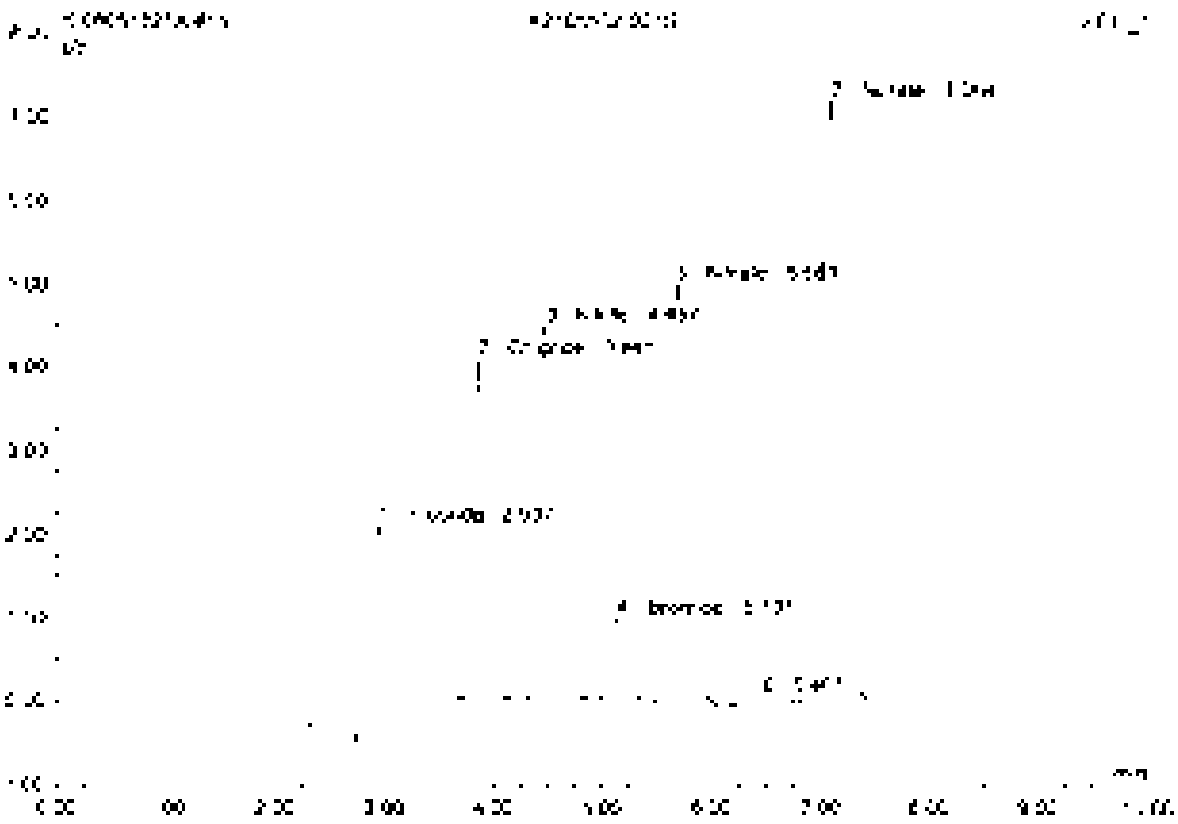
Sample Name	K2105532-001D	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	2.0000
Recording Time	5/19/2021 14:48	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.24	Chloride	2.545	[illegible]	11.92	2.387	BMB
2	5.42	n.n	[illegible]	0.073	[illegible]	n.a	BMB
3	7.08	Sulfate	12.341	2.221	55.27	36.064	BMB
Total:			15.044	2.605	100.00	39.651	

15 K2105532-001$

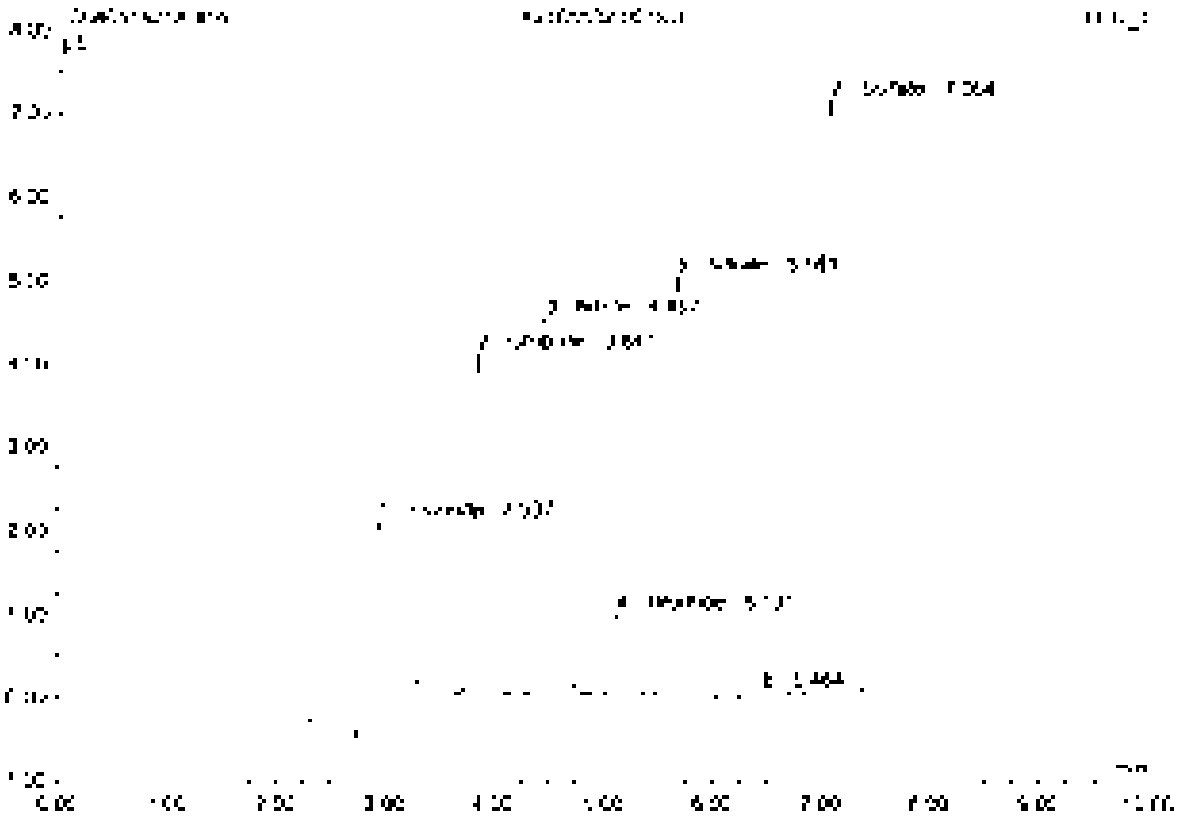
Sample Name	K2105532-001S	Injection Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	4.0000
Receiving Time	5/18/2021 14:56	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.74	Fluoride	2.477	0.677	14.75	9.826	BMB
2	3.34	Chloride	4.068	0.490	11.32	11.320	BMB
3	4.46	Nitrite	4.485	0.712	17.04	8.008	BMB
4	5.13	Bromide	0.973	0.145	3.45	2.300	BMB
5	5.66	Nitrate	5.015	0.852	20.34	8.095	BMB
6	6.46	n.a.	0.055	0.034	0.80	n.a.	BMB
7	7.06	Sulfate	7.347	1.330	31.81	40.179	BMB
Total:			24.251	4.180	100.00	88.659	

16 K2105532-001SD

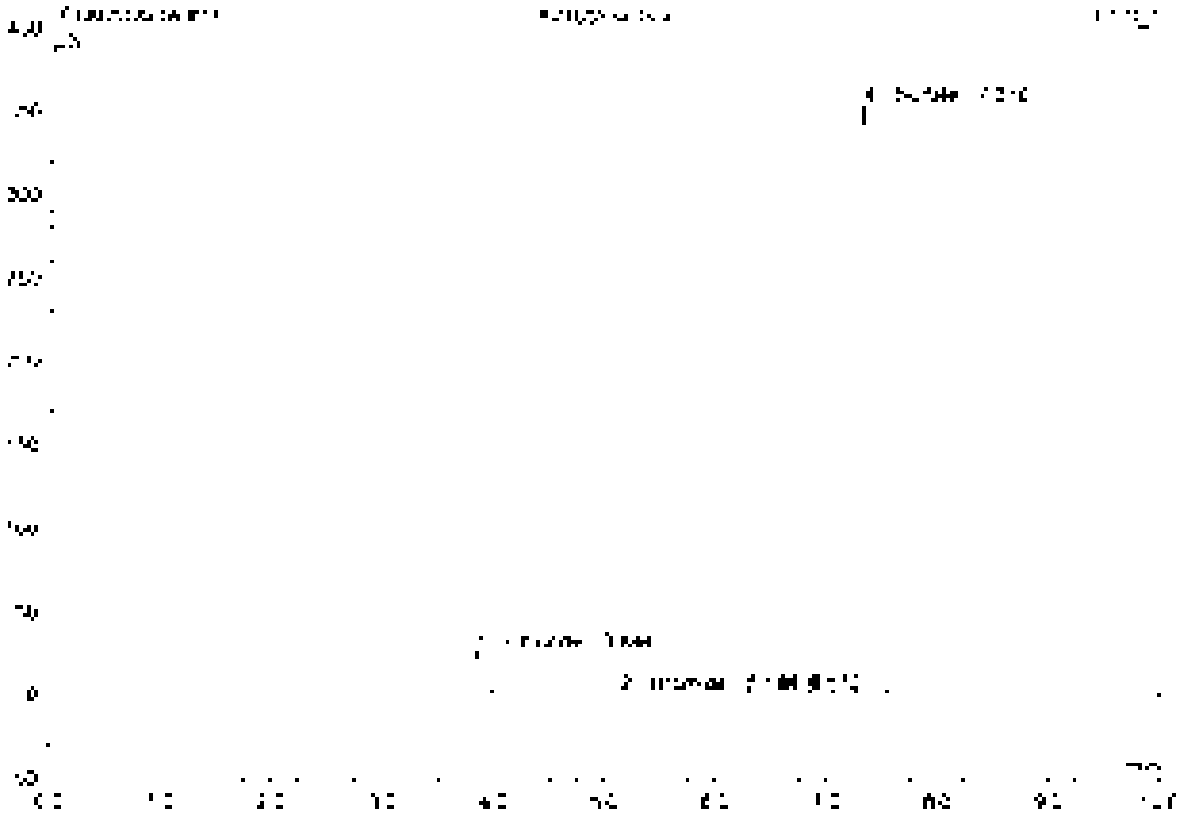
Sample Name	K2105532-001SD	Injection Volume	25.0
Vial Number	6	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	4.0000
Recording Time	5/11/2021 13:11	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	2.485	0.636	15.72	9.606	BMB
2	3.84	Chloride	4.084	0.452	11.16	11.369	BMB
3	4.46	Nitrite	4.514	0.714	17.11	8.029	BMB
4	5.13	Bromide	0.577	0.145	3.58	8.238	BMB
5	5.66	Nitrate	1.049	0.824	20.41	8.117	BMB
6	6.46	n.a.	0.078	0.031	0.77	n.a.	BMB
7	7.06	Sulfate	7.102	1.322	31.67	42.940	BMB
Total			24.289	4.175	100.00	88.409	

17 K2105532-002

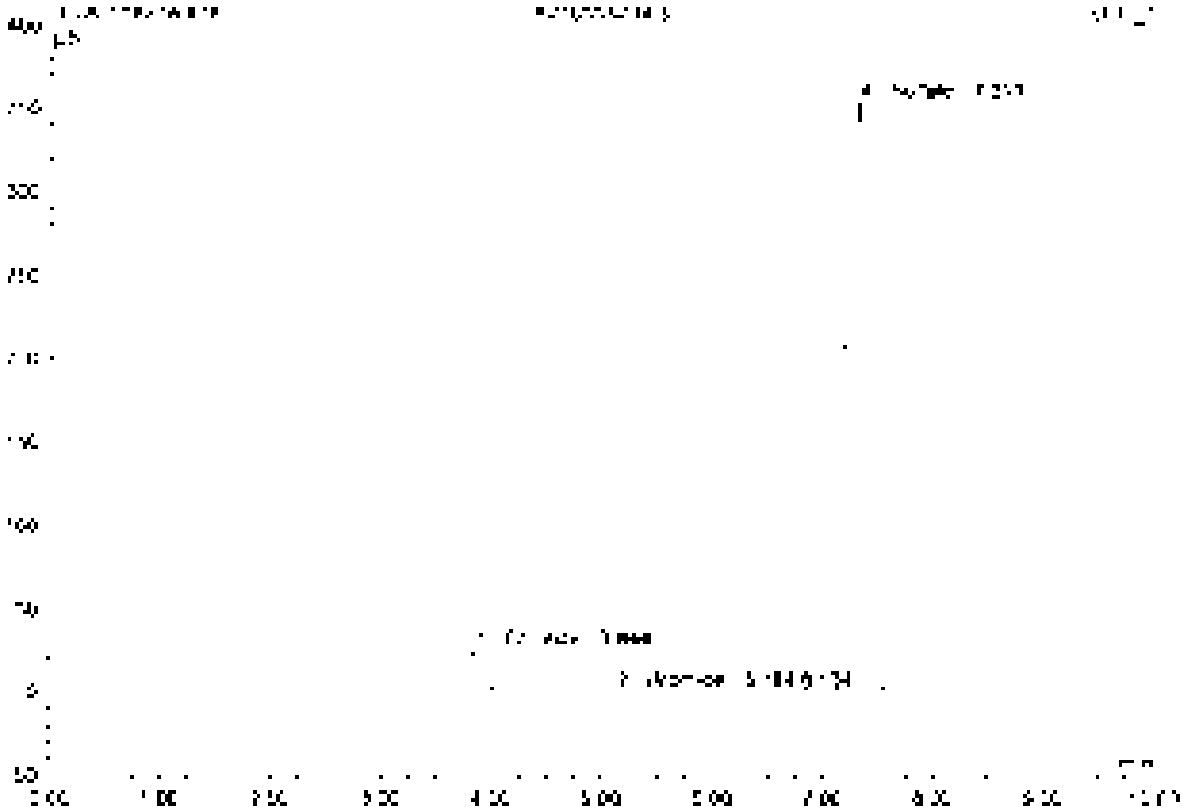
Sample Name	K2105532-002	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	2.0000
Recording Time	5/18/2021 14:27	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.84	Chloride	25.019	2.582	3.33	34.451	BMB
2	5.14	Bromide	0.743	0.023	0.02	0.636	BMB
3	5.57	n.a.	0.034	0.000	0.00	n.a.	BMB
4	7.31	Sulfate	331.139	85.570	96.63	1404.791	BVB
Total			356.935	88.534	100.00	1439.878	

18 K2105532-003

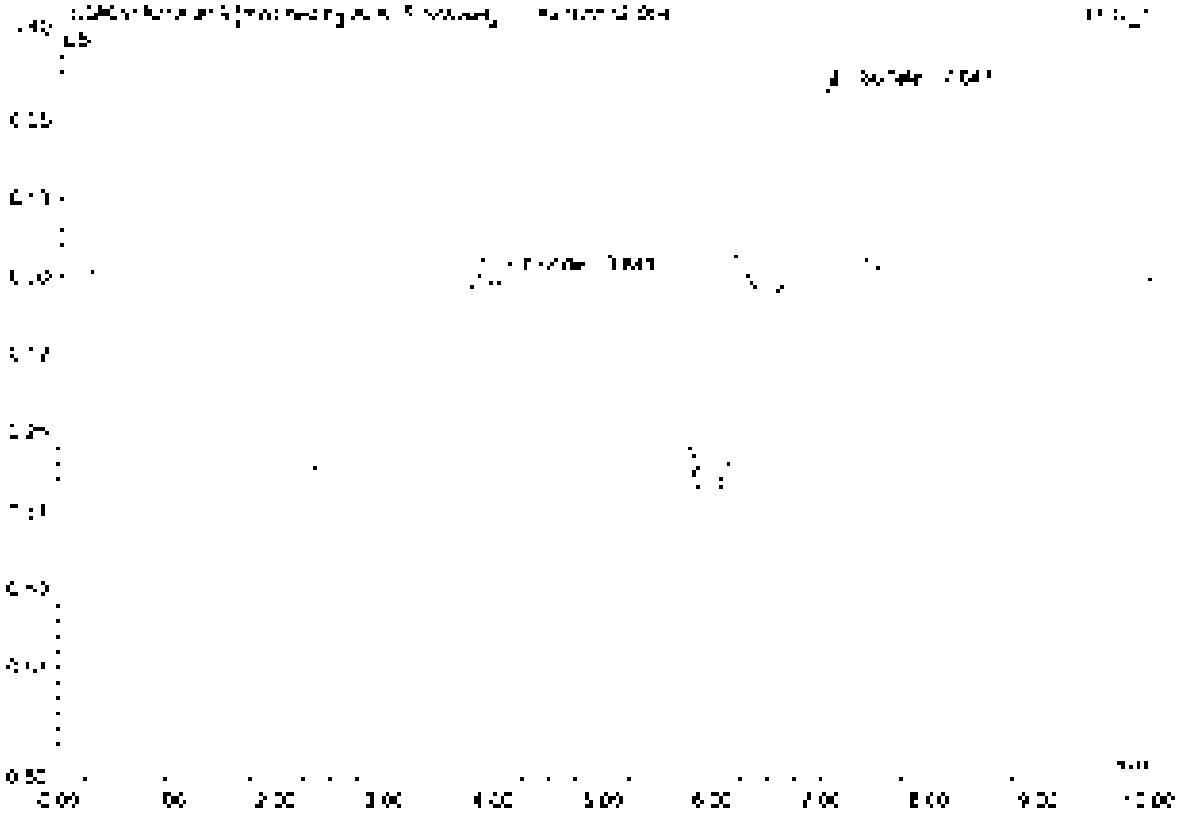
Sample Name	K2105532-003	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	5/18/2021 15:24	Sample Weight	1.0000
Run Time (min)	40.00	Sample Amount	1.0000



No	Ret. time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	3.84	Chloride	24.915	2.968	3.32	34.400	BMB
2	5.14	Bromide	0.143	0.023	0.03	0.656	BMB
3	6.50	n.a.	0.045	0.016	0.02	n.a.	BMB
4	7.31	Sulfate	331.897	86.452	96.63	1401.683	BMB
Total:			377.000	89.467	100.00	1436.742	

19 K2105532-004

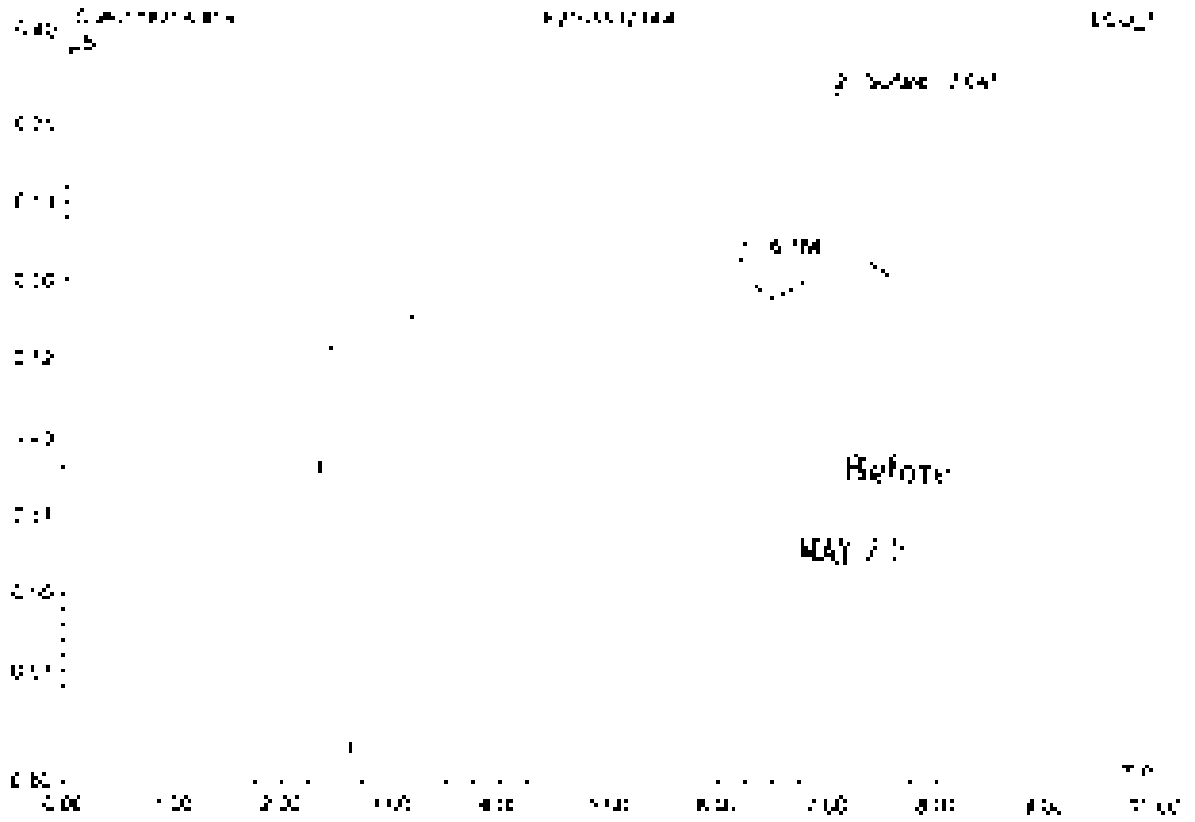
Sample Name	K2105532-004	Injection Volume	25.0
Vial Number	9	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Processing Time	6/18/2021 18:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.84	Chloride	0.018	0.002	2.38	0.026	BMB*
2	7.06	Sulfate	0.307	0.051	97.62	1.473	Ah**
Total:			0.325	0.053	100.00	1.499	

19 K2105532-004

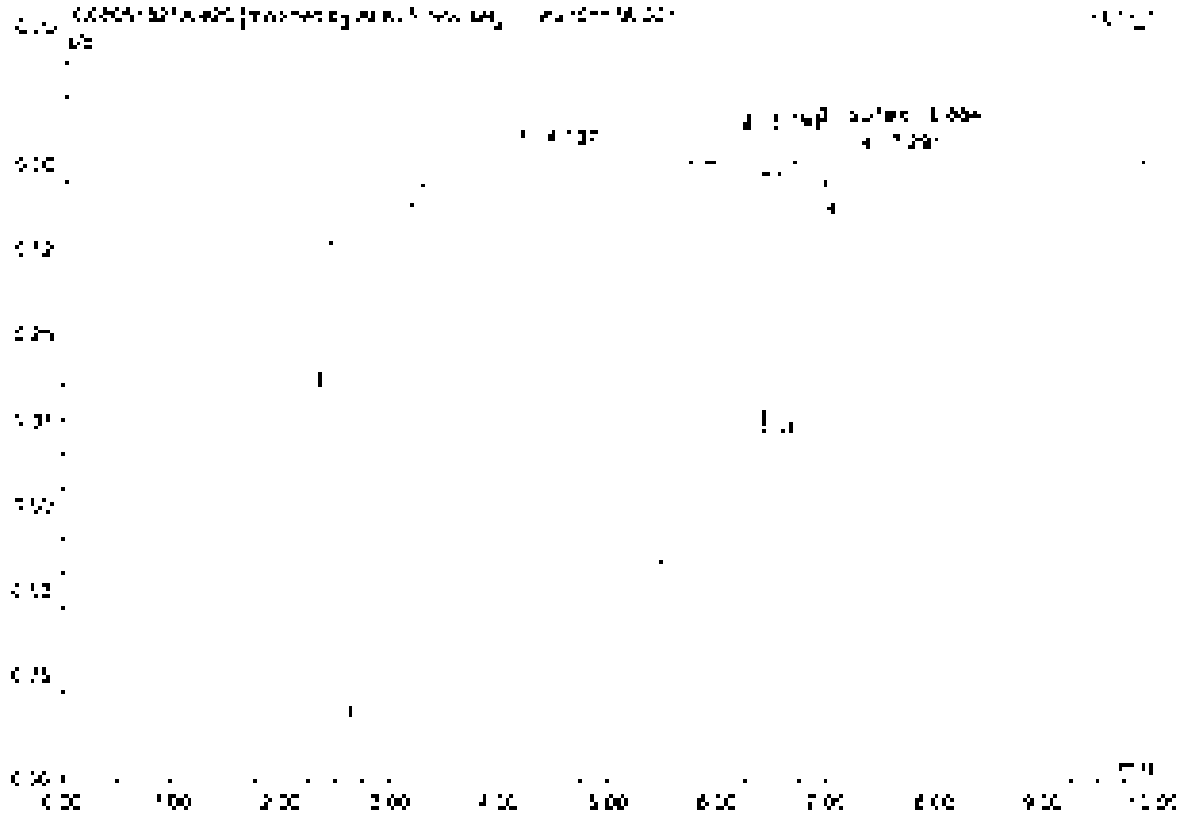
Sample Name	K2105532-004	Injection Volume	25.0
Vial Number	9	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	2.0000
Processing Time	5/18/2021 16:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.15	n.a.	0.155	1.327	53.50	n.a.	BV B
2	7.04	Sulfate	0.307	0.651	6.43	1.473	BV B
Total:			0.426	1.477	100.00	1.473	

20 K2105538-001

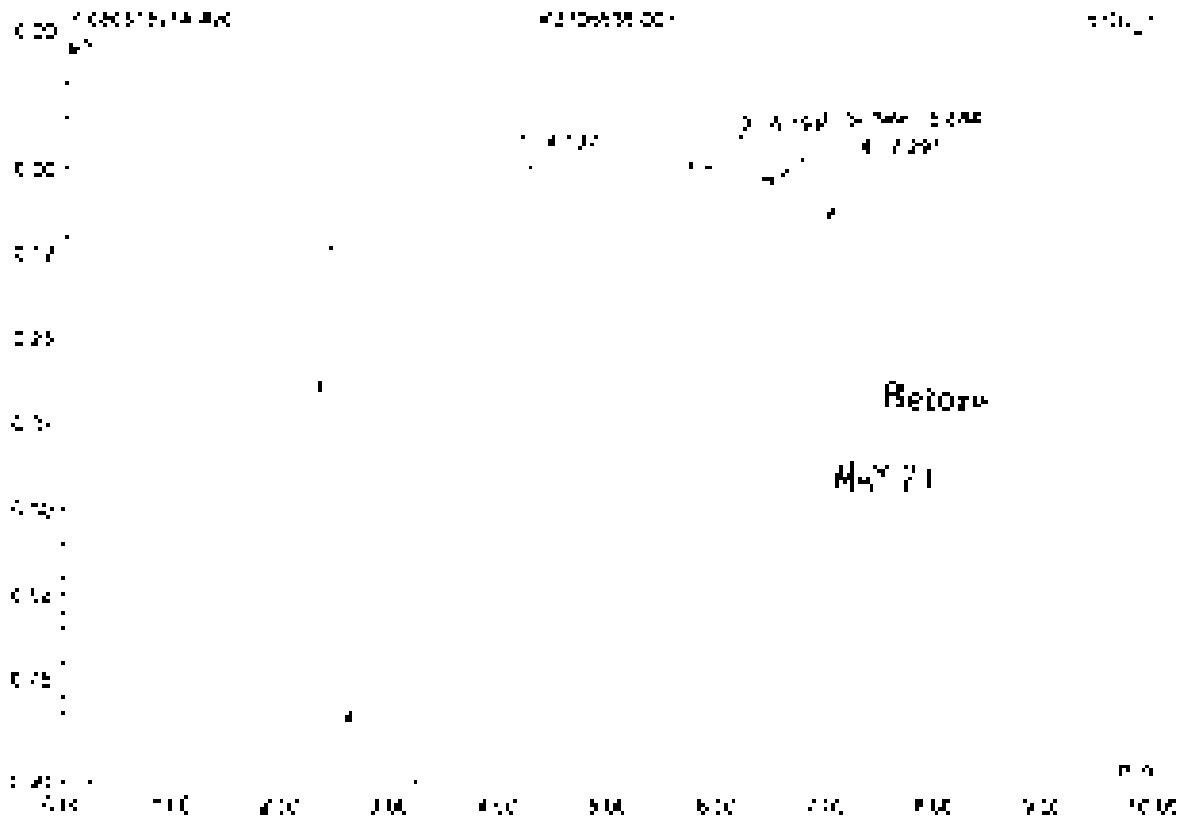
Sample Name	K2105538-001	Injection Volume	25.0
Vial Number	10	Channel	EGD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	3.0000
Recording Time	5/18/2021 14:32	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.79	n.a.	0.460	1.093	89.53	n.a.	BMB*
2	6.19	n.a.	0.055	0.012	0.94	n.a.	pVB
3	6.68	Sulfate	0.073	0.013	1.05	0.215	BVB*
4	7.29	n.a.	0.073	0.115	9.34	n.a.	BVB
Total:			0.647	1.234	100.00	0.215	

20 K2105538-001

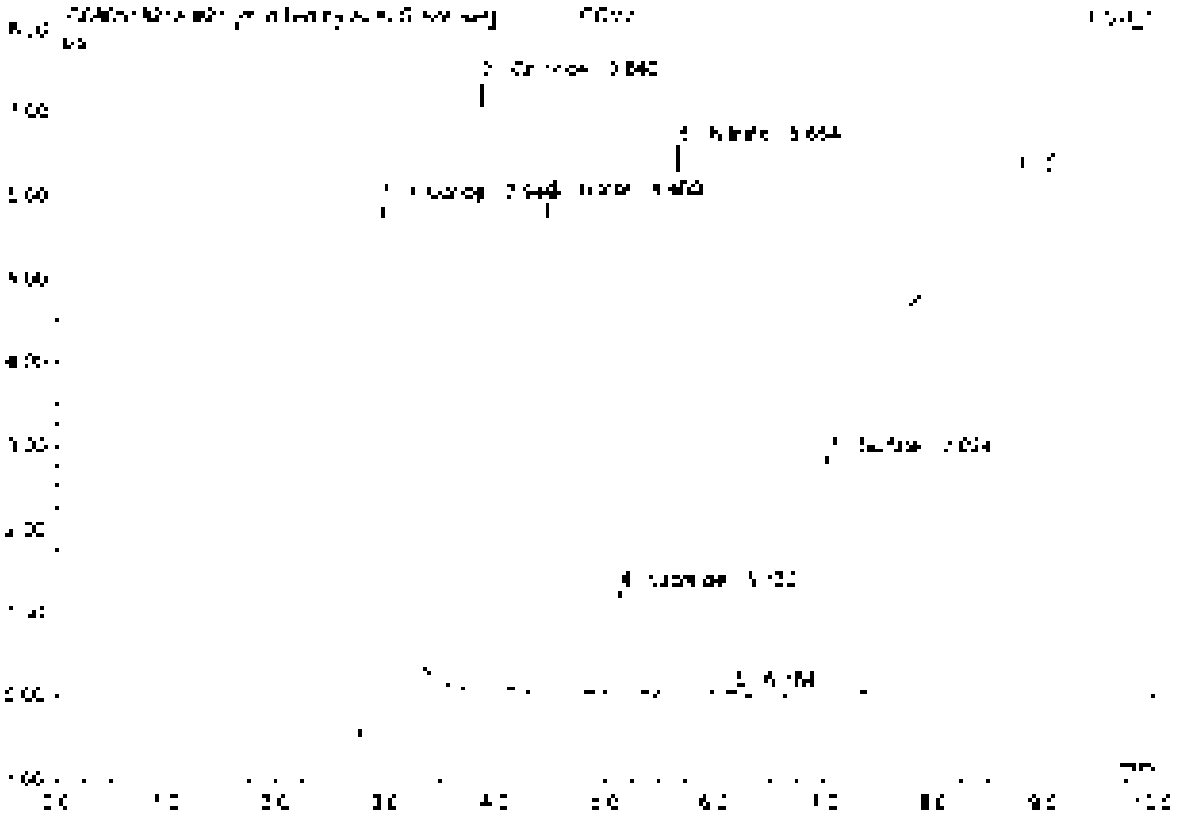
Sample Name	K2105538-001	Injection Volume	25.0
Run Number	50	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Column Method	spa300	Calibrat Factor	1.0000
Recording Time	5/18/2021 16:22	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.14	n.a.	0.440	1.093	97.65	n.a.	BMB
2	5.79	n.a.	0.055	0.012	0.53	n.a.	bVB
3	6.88	Sulfate	0.174	0.027	2.41	0.433	BMB
4	7.29	n.a.	0.075	0.015	5.24	n.a.	BVB
Total:			0.589	1.240	100.00	0.433	

21 CCV2

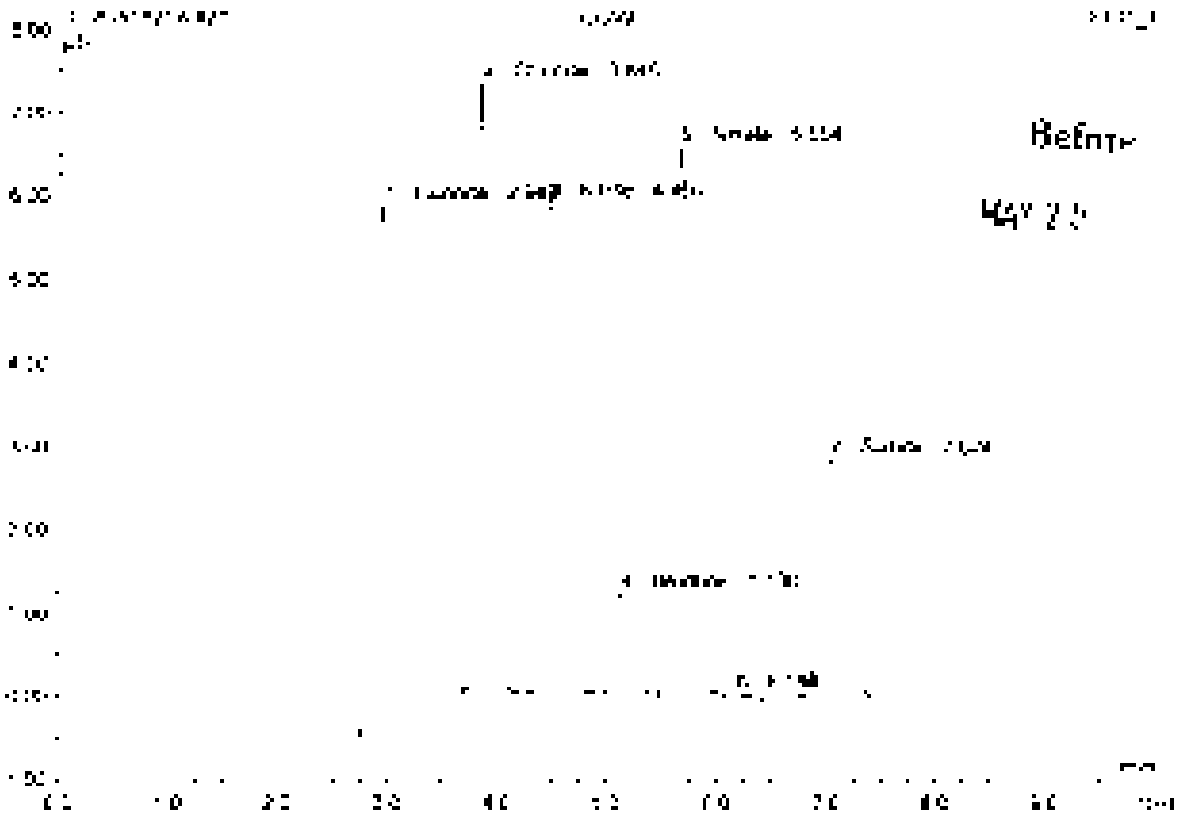
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	5/19/2021 18:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.74	Fluoride	6.269	1.278	25.94	5.089	BMB
2	3.34	Chloride	7.301	0.861	17.47	4.972	BMB
3	4.46	Nitrite	5.914	0.931	18.90	2.617	BMB
4	5.70	Bromide	1.228	0.180	3.65	2.534	BMB
5	5.86	Nitrate	6.591	1.057	21.46	2.512	BMB
6	6.18	n.a.	0.041	0.006	0.13	n.a.	BMB
7	7.02	Sulfate	2.867	0.513	10.44	4.976	BMB
Total:			30.197	4.926	100.00	22.701	

21 CCV2

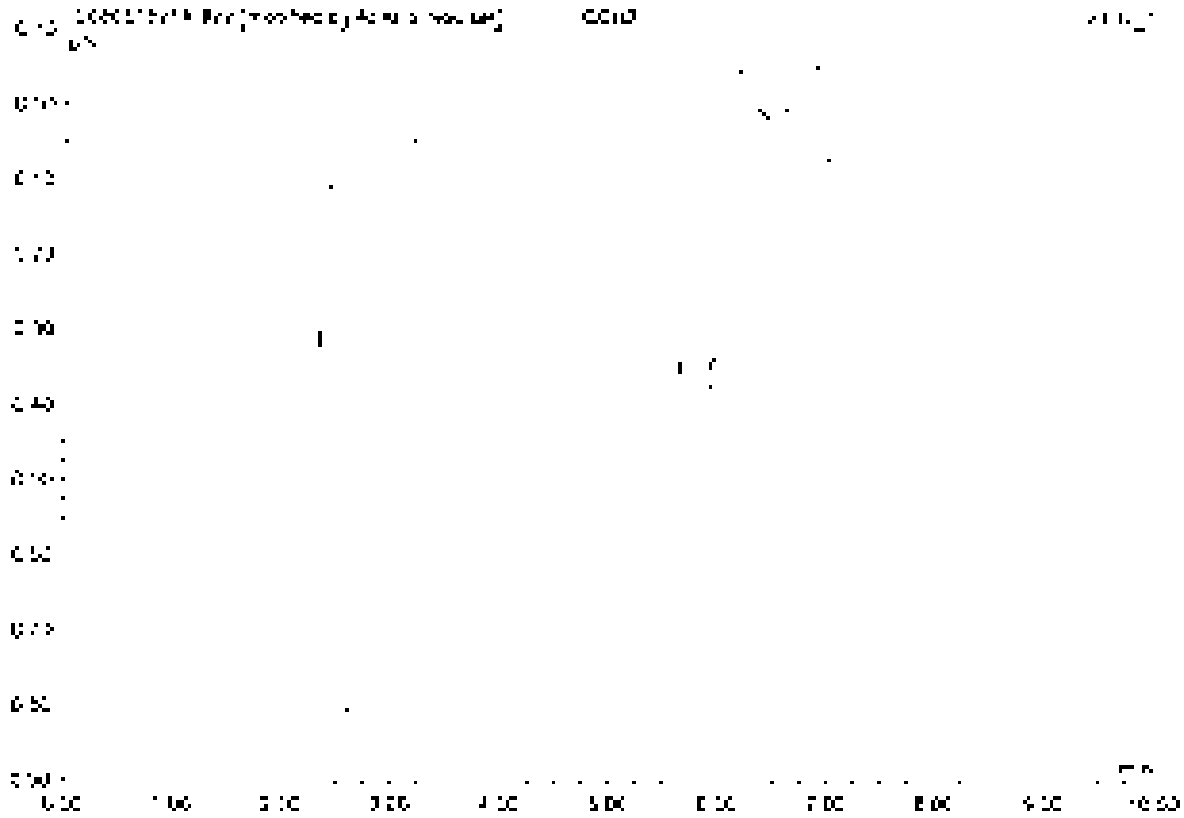
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Sonication	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	5/19/2021 15:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	5.281	1.342	26.89	5.344	BMB
2	3.84	Chloride	7.301	0.861	17.25	4.572	BMB
3	4.46	Nitrite	5.514	0.931	18.66	2.617	BMB
4	5.13	Bromide	1.228	0.180	3.60	2.534	BMB
5	5.65	Nitrate	0.591	1.057	21.18	2.512	BMB
6	6.78	n.a.	0.061	0.006	0.12	n.a.	BMB
7	7.62	Sulfate	2.862	0.610	12.22	4.905	BMB
Total:			30.219	4.990	100.00	22.885	

22 CCB2

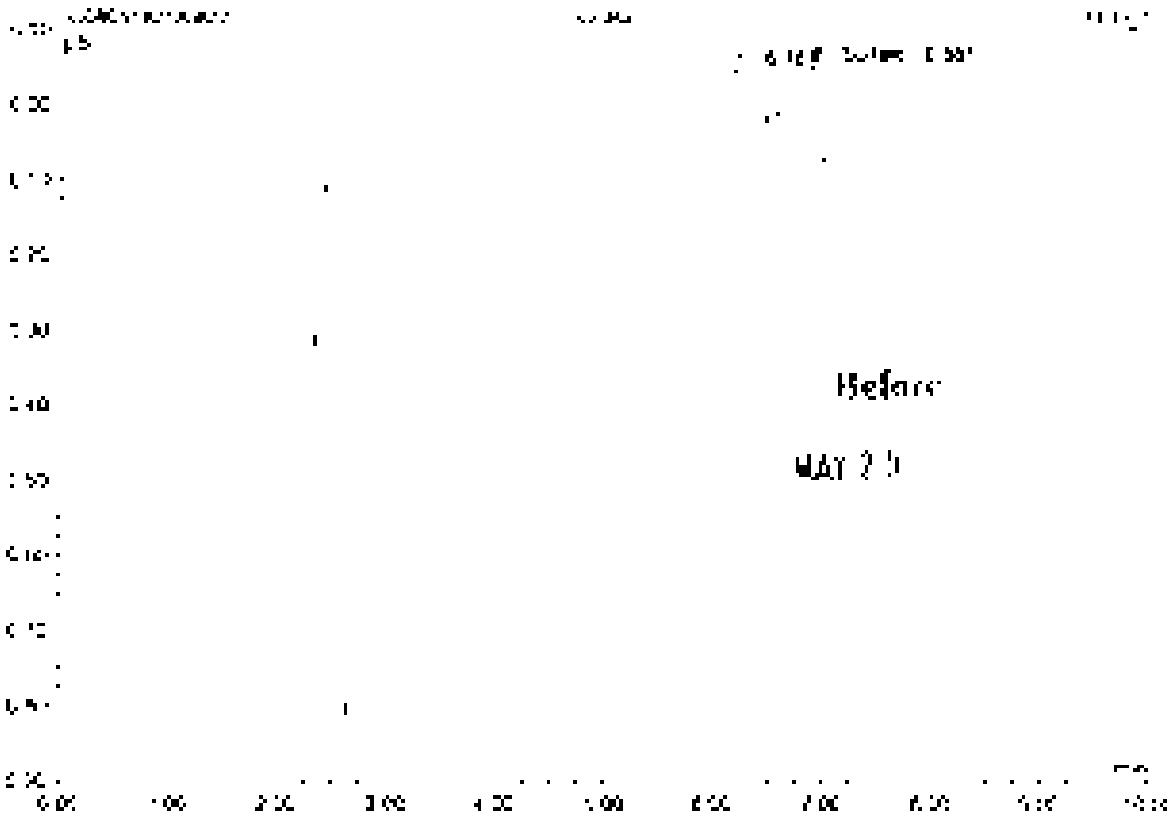
Sample Name	CCB2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	5/18/2021 18:45	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

22 CCB2

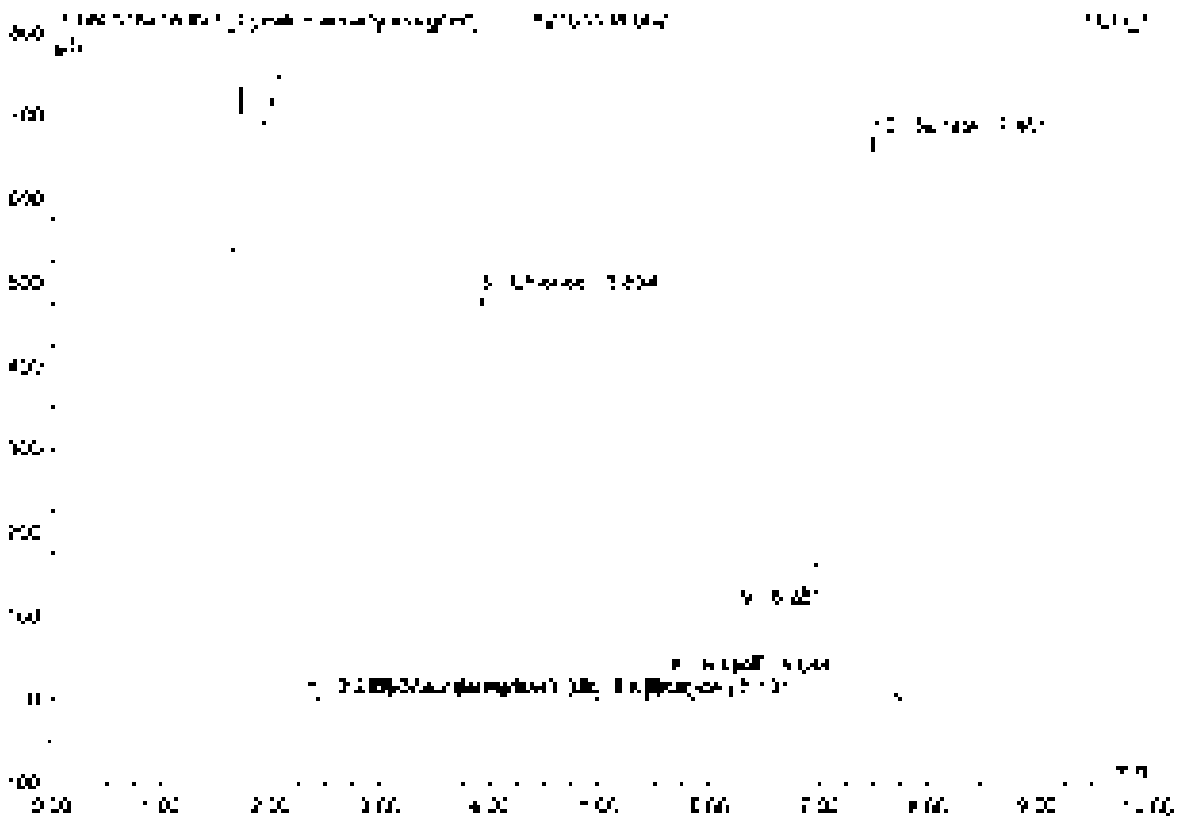
Sample Name	CCB2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quantit. Method	spa300	Dilution Factor	1.0000
Processing Time	5/18/2021 16:43	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.19	F-n	0.125	1.402	98.16	n.a.	BMB
2	6.58	Sulfate	0.115	0.027	1.84	0.218	BMB
Total:			0.240	1.458	100.00	0.218	

23 K2105538-002

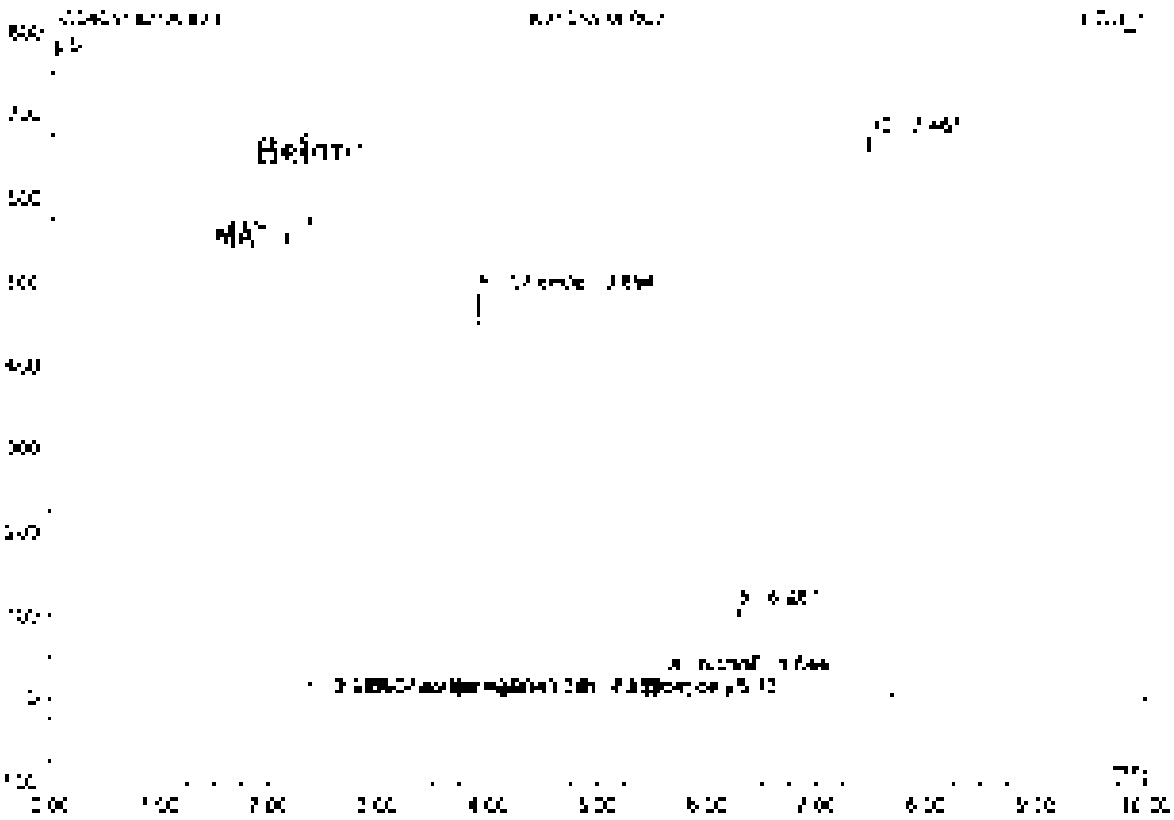
Sample Name	K2105538-002	Injection Volume	25.0
Vial Number	11	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	5/18/2021 17:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.32	n.a.	0.360	0.025	0.01	n.a.	BMB
2	2.67	n.a.	0.607	0.101	0.04	n.a.	bMb
3	2.92	Fluoride	0.112	0.015	0.00	0.117	bMb
4	3.38	Nitrite	0.129	0.040	0.01	n.a.	bVB
5	3.89	Chloride	486.335	62.560	19.43	722.022	BVB
6	4.68	n.a.	0.064	0.008	0.00	n.a.	BVB
7	5.13	Bromide	0.576	0.089	0.03	2.565	BVB
8	5.64	Nitrate	26.690	4.585	1.42	21.807	RVB
9	6.28	n.a.	88.401	9.030	2.81	n.a.	BMb
10	7.45	Sulfate	661.560	245.291	76.24	3582.672	bVB*
Total:			1264.977	321.721	100.00	4329.115	

23 K2105538-002

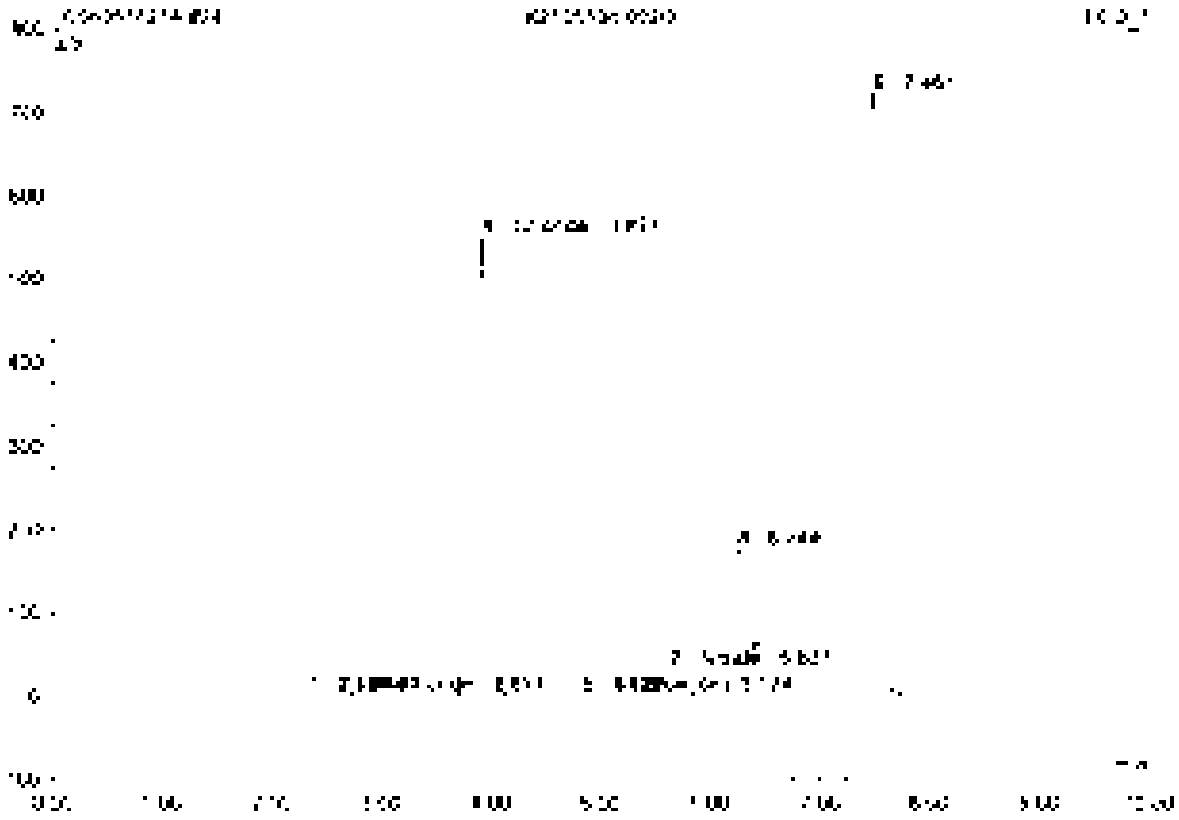
Sample Name	K2105538-002	Injection Volume	26.0
Vial Number	11	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	ipa300	Bandwidth	n.a.
Control Method	ipa300	Dilution Factor	2.0000
Recording Time	5/18/2021 17:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	2.32	n.a.	0.365	0.079	0.01	n.a.	BMD
2	2.61	n.a.	0.637	0.131	0.04	n.a.	BMD
3	2.93	Fluoride	0.112	0.015	0.00	0.117	BMB
4	3.38	Formate	0.129	0.040	0.01	n.a.	BMB
5	3.89	Chloride	486.555	62.503	19.43	122.022	BMB
6	4.84	n.a.	0.064	0.008	0.00	n.a.	BMB
7	5.13	Bromide	0.576	0.029	0.00	0.505	BMB
8	5.54	Nitrate	25.690	4.535	1.43	21.602	BMB
9	6.38	n.a.	86.461	9.045	2.81	n.a.	BMB
10	7.46	n.a.	661.360	245.261	76.24	n.a.	BMB
Total:			1364.537	321.727	100.00	146.447	

24 K210553B-002D

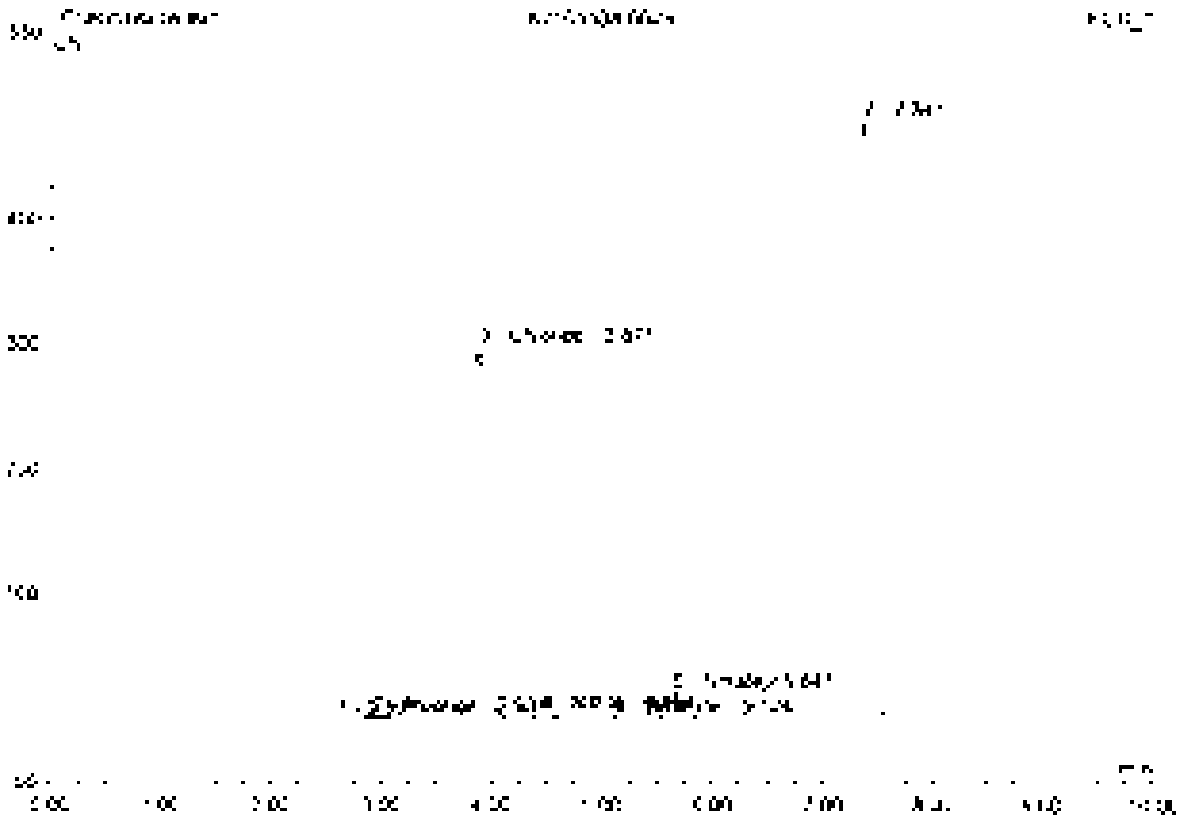
Sample Name	K210553B-002D	Injection Volume	25.0
Vial Number	17	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	5/18/2021 17:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.31	n.a.	0.409	0.032	0.01	n.a.	BVB
2	2.51	n.a.	0.456	0.024	0.02	n.a.	BMB
3	2.89	Fluoride	0.226	0.690	0.02	0.717	BMB
4	3.90	Chloride	550.124	72.632	15.76	838.247	BVB
5	4.53	n.a.	0.008	0.008	0.00	n.a.	BMB
6	5.12	Bromide	0.065	0.102	0.03	2.865	BMB
7	5.60	Nitrate	31.608	5.250	1.47	25.624	BMB
8	6.24	n.a.	151.601	12.546	5.35	n.a.	BVB
9	7.46	n.a.	797.719	220.688	73.64	n.a.	BVB
Total:			1442.876	367.558	100.00	862.197	

25 K2105538-002S

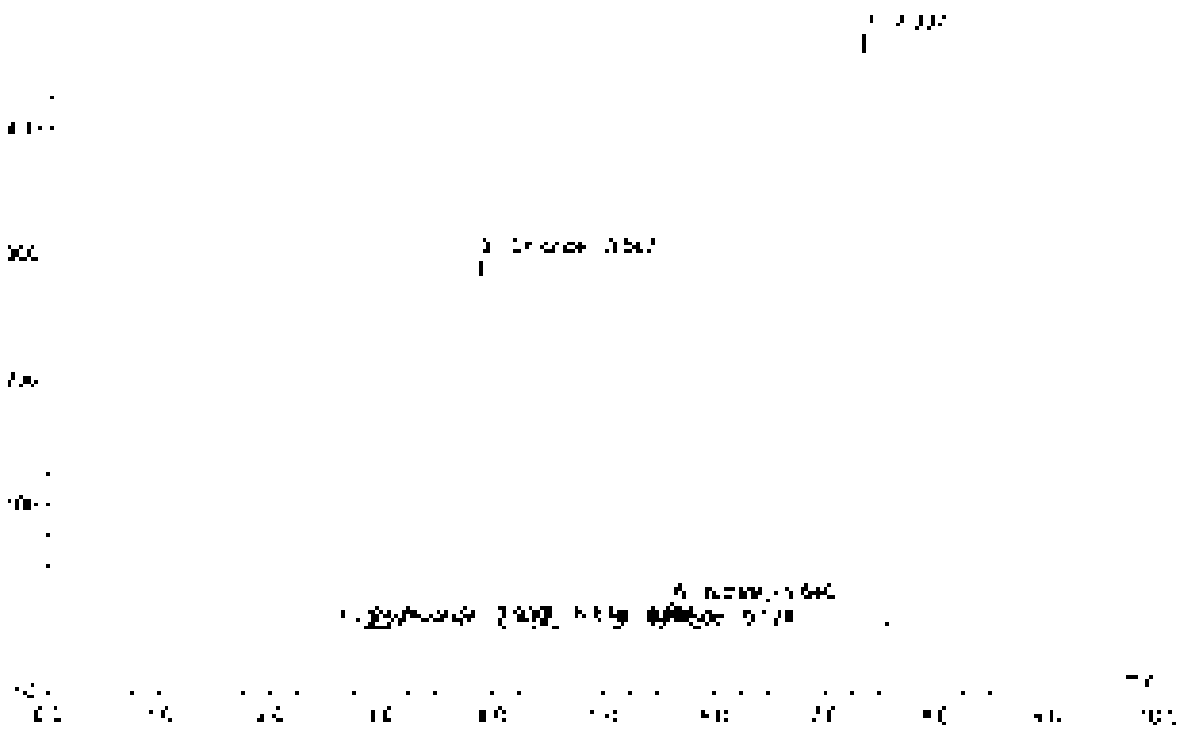
Sample Name	K2105538-002S	Injection Volume	25.0
Vial Number	10	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	4.0000
Processing Time	5/18/2021 17:30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.60	n.a.	0.157	0.030	0.02	n.a.	BMB
2	2.93	Fluoride	2.181	0.446	0.23	7.094	BMB
3	3.57	Chloride	296.302	35.553	18.43	521.457	BMB
4	4.45	Nitrite	4.322	0.687	0.36	7.721	BMB
5	5.12	Bromide	1.270	0.197	0.10	11.116	BMB
6	5.64	Nitrate	20.790	3.515	1.82	33.418	BMB
7	7.34	n.a.	469.135	152.463	79.04	n.a.	BMB
Total:			794.322	192.863	100.00	880.747	

26 K2105538-0025D

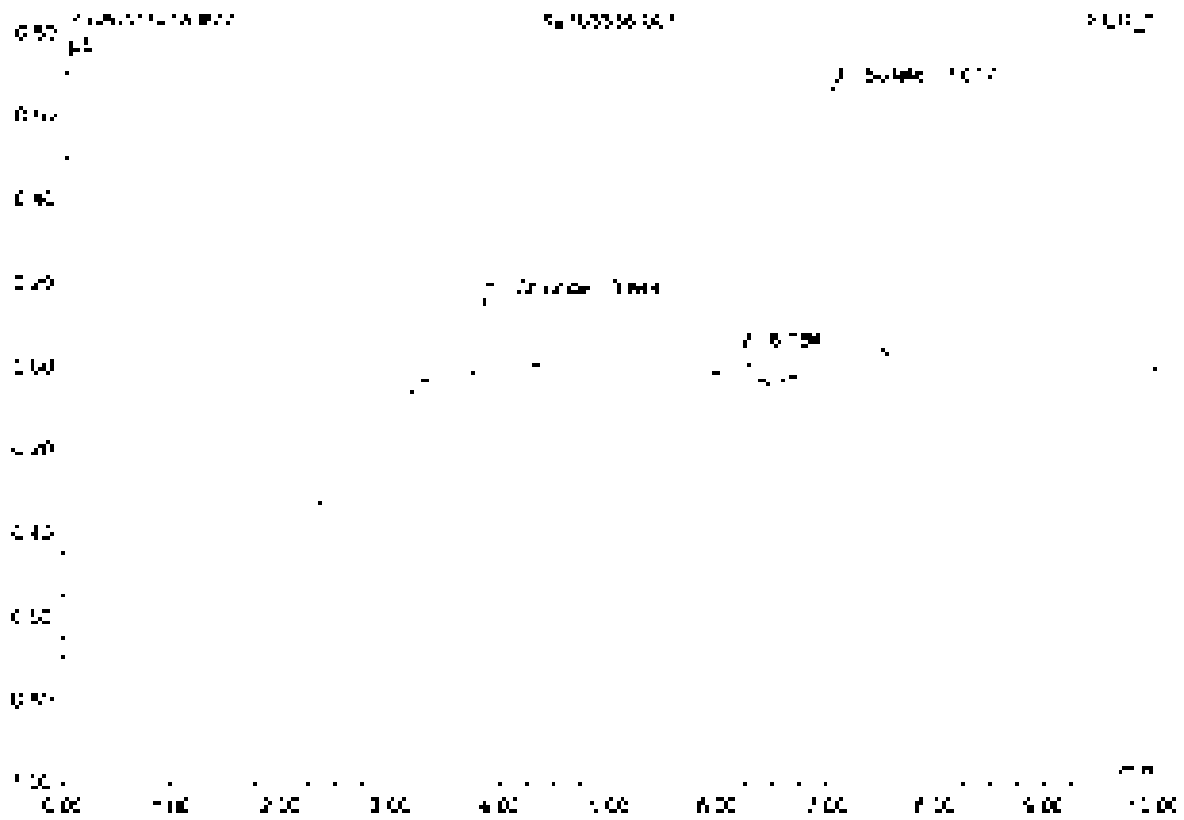
Sample Name	K2105538-0025D	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	4.0000
Recording Time	5/18/2021 17:41	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.60	n.a.	0.156	0.030	0.02	n.a.	BMB
2	2.93	Fluoride	2.227	0.444	0.23	7.572	BMB
3	3.87	Chloride	296.476	35.575	18.45	220.764	BMB
4	4.45	Nitrite	4.382	0.526	0.36	7.526	BMB
5	5.12	Bromide	1.284	0.192	0.10	11.143	BMB
6	5.64	Nitrate	20.845	3.512	1.83	33.448	BMB
7	7.34	n.a.	469.105	151.556	78.94	n.a.	BMB
Total:			793.487	192.267	100.00	880.253	

27 K2105538-003

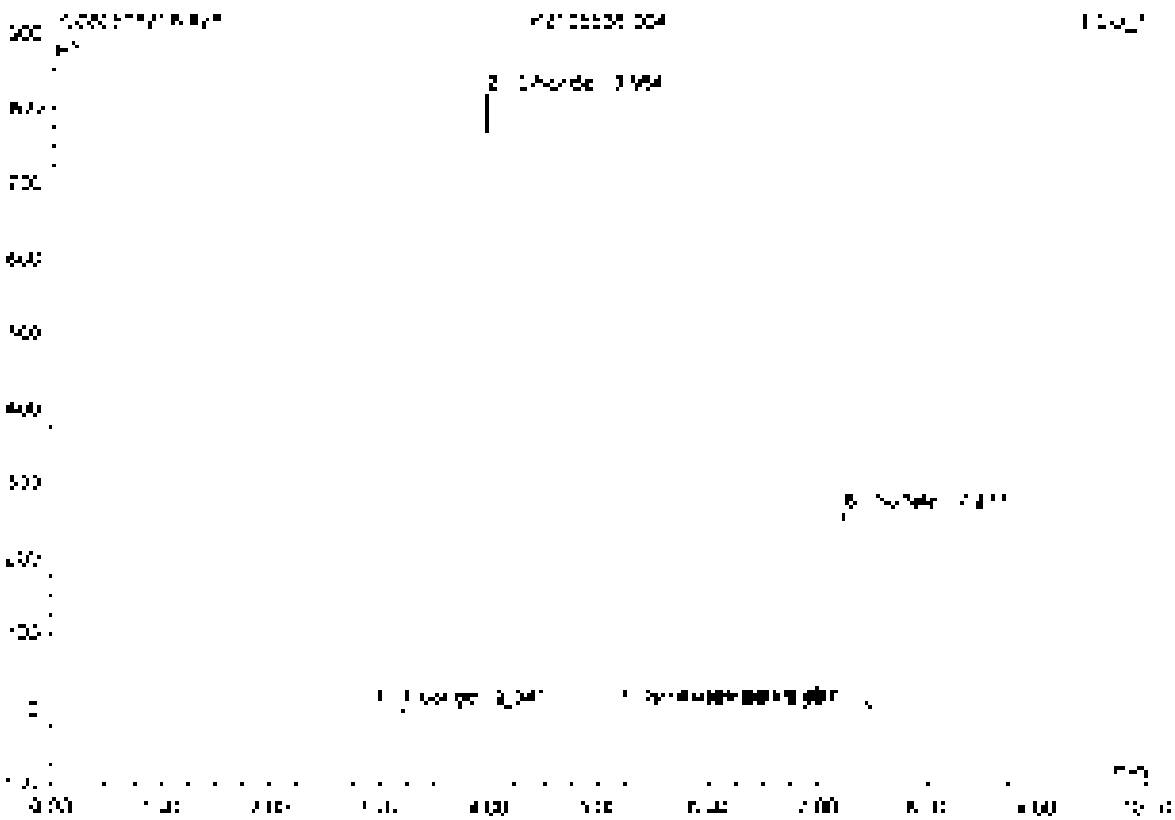
Sample Name	K2105538-003	Injection Volume	25.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	5/18/2021 17:51	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.58	Chlorate	0.176	0.034	14.35	0.251	BMB
2	5.18	n.a.	0.060	0.010	5.76	n.a.	BMB
3	7.02	Sulfate	0.677	0.195	80.70	3.759	BMB
Total:			0.915	0.241	100.00	3.560	

28 K2105538-004

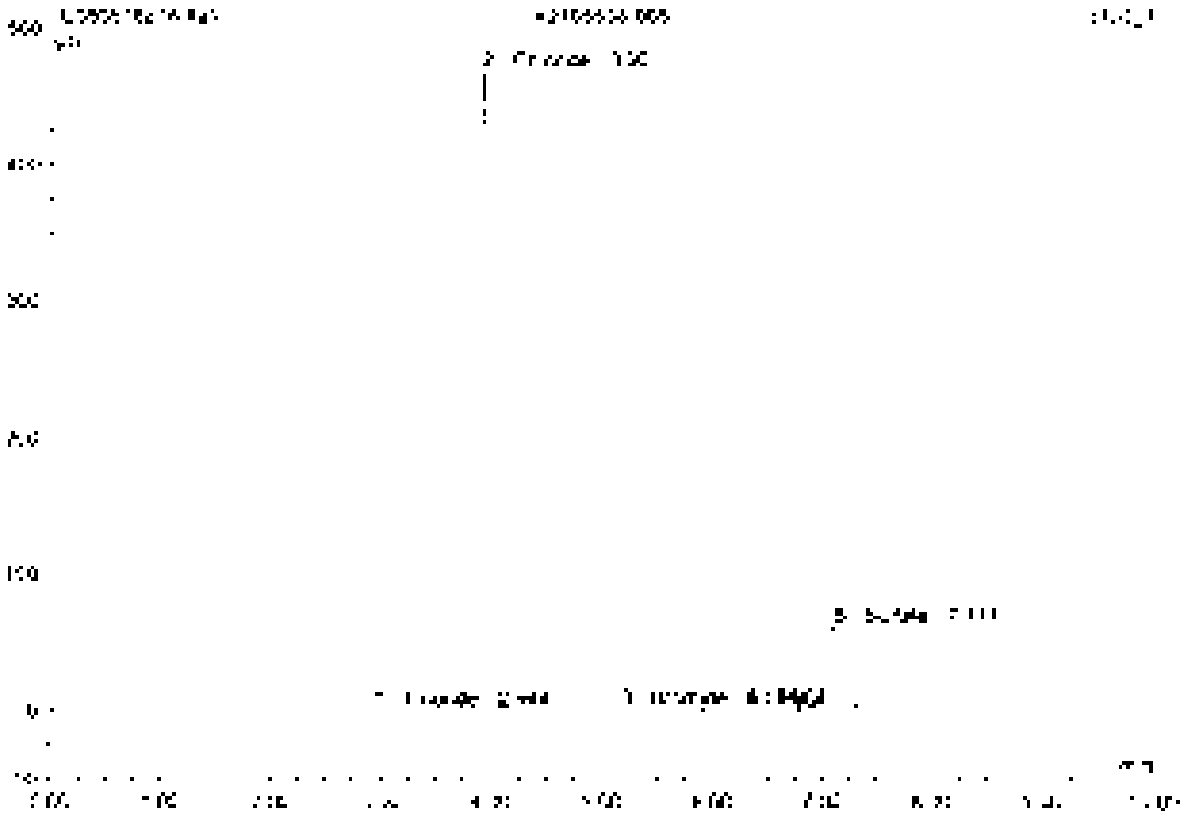
Sample Name	K2105538-004	Injection Volume	25.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Calibrn Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	5/18/2021 18:04	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.58	Fluoride	0.153	0.025	0.02	0.222	BV B
2	3.85	Chloride	8[illegible].984	118.401	67.74	1,367.751	BV B
3	5.15	Bromide	1.343	0.157	0.13	4.712	BV B
4	5.71	Nitrate	0.379	0.023	0.01	0.110	BV B
5	6.43	n.a.	0.109	0.006	0.03	n.a.	BV D
6	7.24	Sulfate	259.678	56.156	32.13	510.573	BV B
Total:			1[illegible]9.054	174.762	100.00	2283.769	

29 K2105538-005

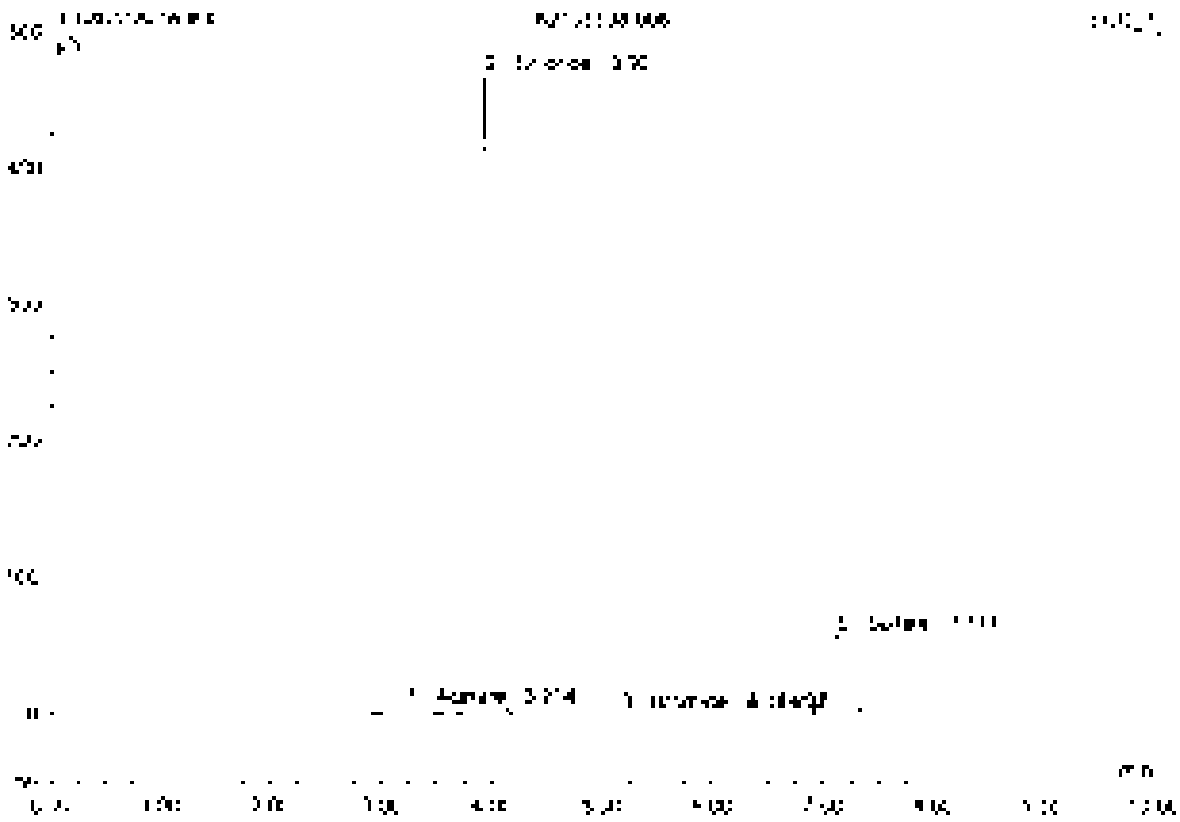
Sample Name	K2105538-005	Injection Volume	25.0
Vial Number	17	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Remark	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	5/18/2021 18:16	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.54	Fluoride	0.203	0.116	0.17	0.512	BMB
2	3.96	Chloride	457.583	57.592	84.39	259.517	BVD
3	5.17	Bromide	0.518	0.086	0.13	2.402	BMB
4	6.30	n.a.	0.252	0.131	0.19	n.a.	BMB
5	[illegible]	Sulfate	60.147	10.396	15.13	188.701	BVB
Total			528.804	68.319	100.00	342.542	

30 K2105538-008

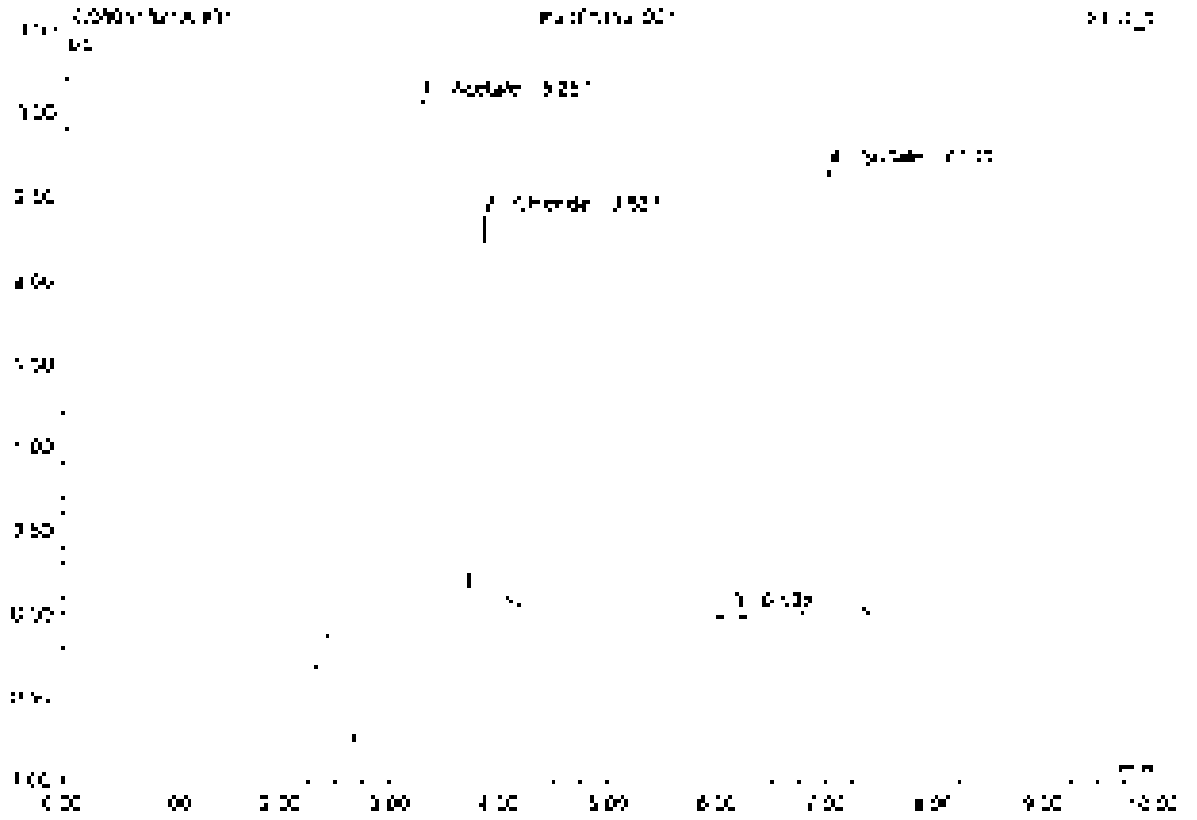
Sample Name	K2105538-008	Injection Volume	25.0
Vial Number	18	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	2.0000
Recording Time	5/18/2021 16:25	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.27	Acetate	4.209	1.672	2.39	n.a.	BMB
2	3.90	Carbonate	56.654	57.945	83.00	928.374	BMB
3	5.17	Bicarbonate	0.527	0.089	0.13	2.500	BMB
4	5.30	n.a.	0.269	0.134	0.19	n.a.	BMB
5	[illegible]	Sulfate	57.454	9.974	14.29	161.951	BMB
Total:			120.113	69.813	100.00	932.825	

31 K2105392-001

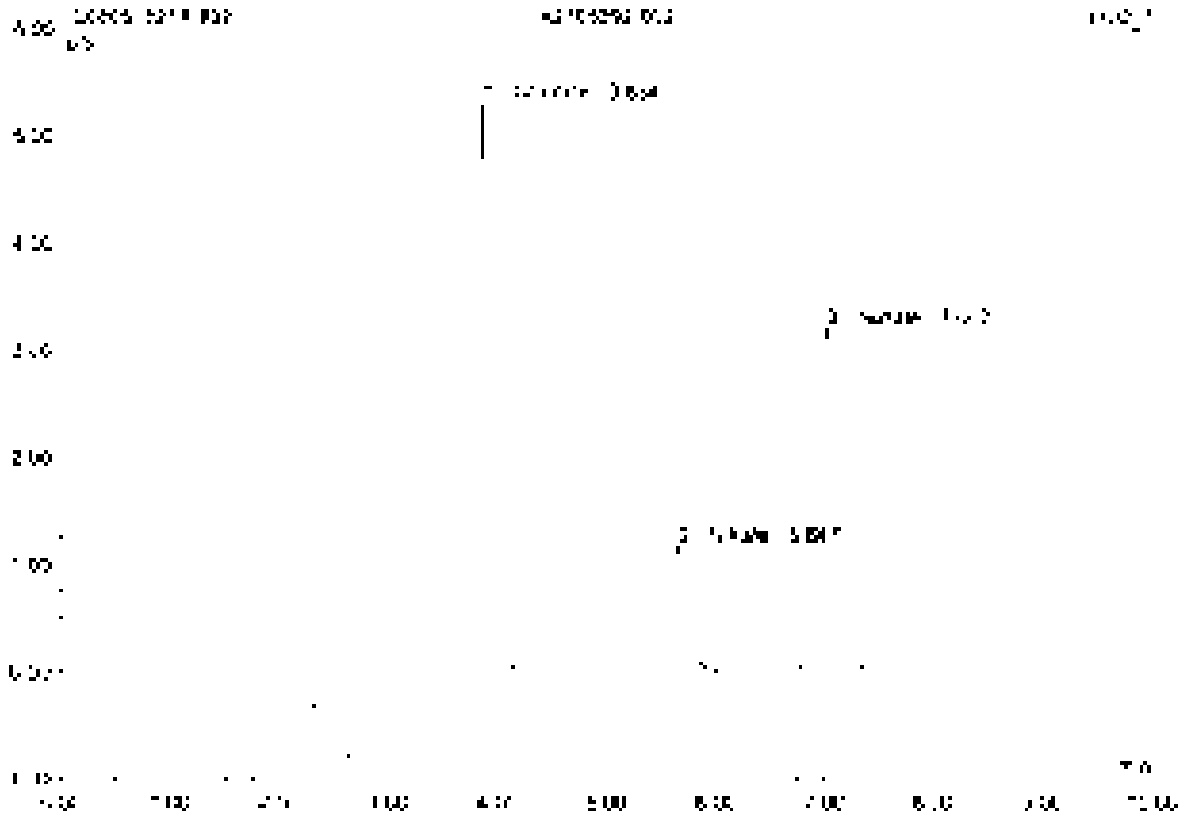
Sample Name	K2105392-001	Injection Volume	25.0
Vial Number	19	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	5.0000
Processing Time	[illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.20	Acetate	[illegible]	[illegible]	63.20	n.a.	BVB
2	3.84	Chloride	2.242	0.266	11.88	[illegible]	BMB
3	[illegible]	n.a.	0.035	0.005	0.24	n.a.	BMB
4	[illegible]	Sulfate	2.674	0.552	24.68	[illegible]	BMB
Total			8.258	2.237	100.00	[illegible]	

32 K2105392-002

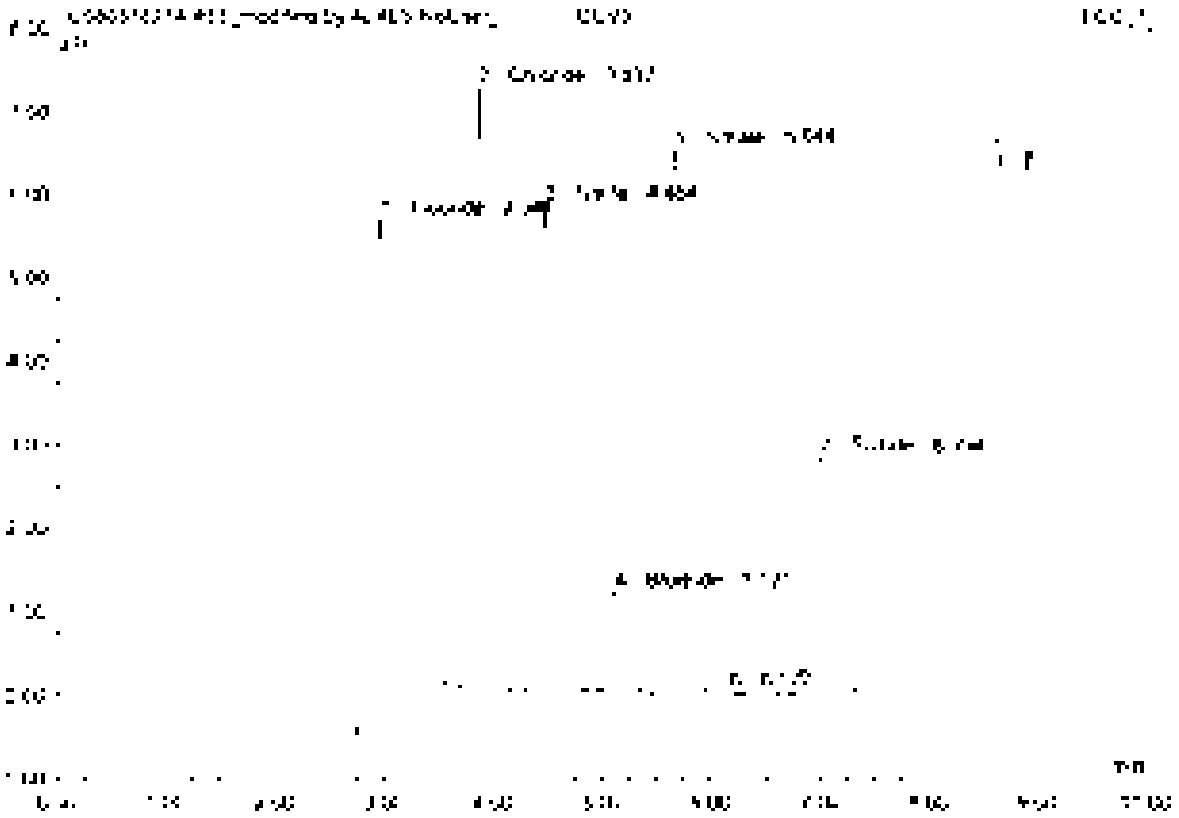
Sample Name	K2105392-002	Injection Volume	25.0
Inj. Number	32	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Calibrat. Factor	5.0000
Recording Time	5/18/2021 18:51	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.82	Chloride	5.300	5.632	43.18	16.261	BMB
2	5.66	Nitrate	1.730	3.187	12.18	2.224	BMB
3	[illegible]	Sulfate	[illegible]	8.645	44.64	26.179	BMB
Total:			9.625	14.464	100.00	46.664	

33 CCV3

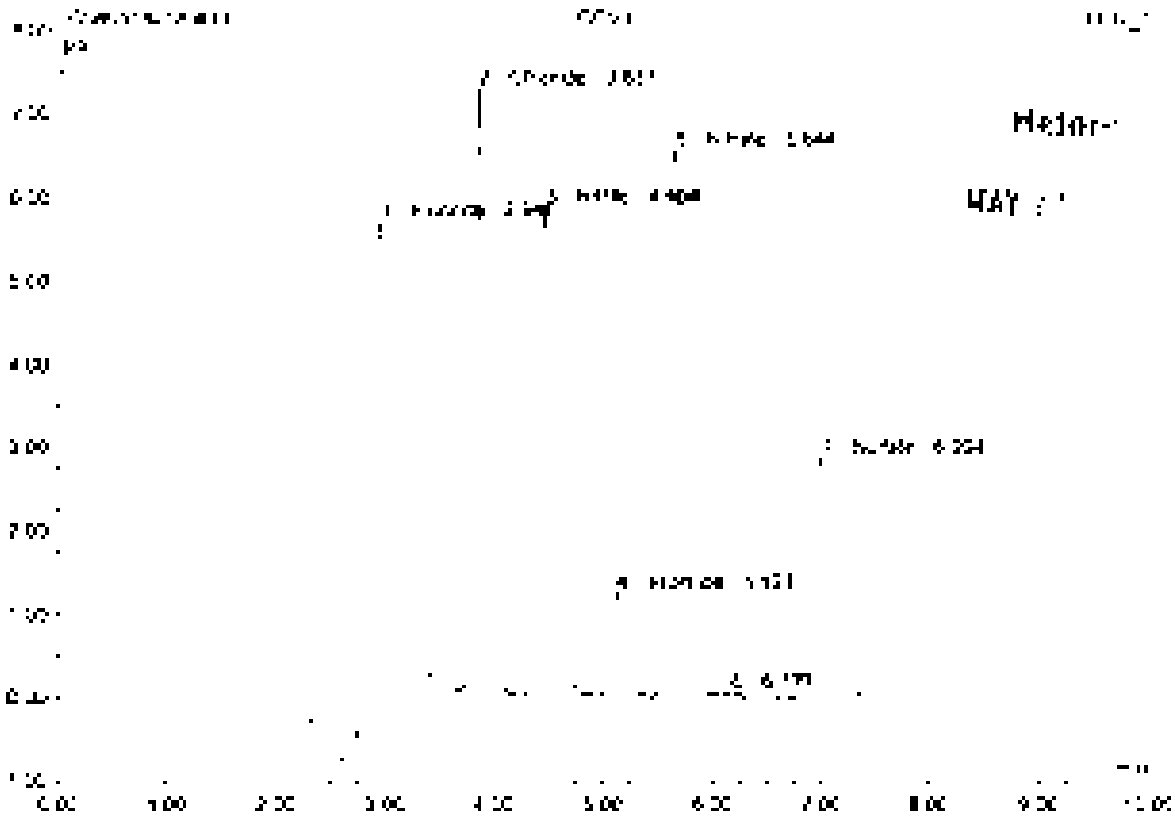
Sample Name	CCV3	Injection Volume	35.0
Vial Number	46	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	1.0000
Recording Time	5/18/2021 19:02	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	RetTime min	Peak Name	Height µS	Area µS*min	RelArea %	Amount	Type
1	2.58	Fluoride	6.052	1.251	25.79	5.022	BMB*
2	3.84	Chloride	7.223	0.854	17.47	4.935	BMB*
3	4.45	Nitrite	5.862	0.806	16.63	2.650	BMB
4	5.12	Bromide	1.220	0.179	3.66	2.524	BMB
5	5.64	Nitrate	6.545	1.050	21.47	2.496	BMB
6	6.15	n.a.	0.084	0.007	0.14	n.a.	BMB
7	6.99	Sulfate	2.555	0.610	12.54	4.977	BMB
Total:			29.790	4.898	100.00	22.565	

33 CCV3

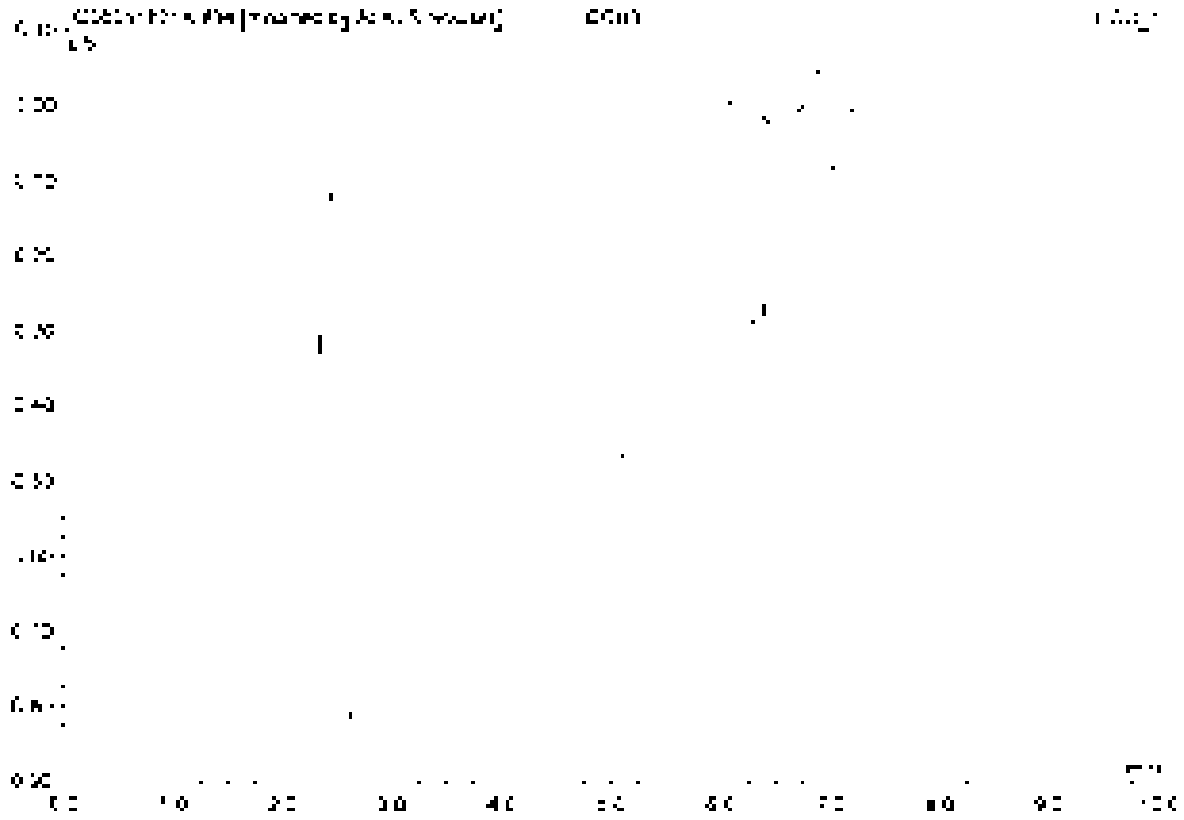
Sample Name	CCV3	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	5/14/2021 19:03	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.54	Fluoride	6.083	1.320	28.72	5.279	BMB
2	3.64	Chloride	7.223	0.864	17.79	4.535	BMB
3	4.45	Nitrite	5.850	0.626	13.65	2.507	BMB
4	5.72	Bromide	1.220	0.179	3.62	2.524	BMB
5	5.84	Nitrate	6.565	1.050	21.20	2.456	BMB
6	6.18	n.a.	0.044	0.007	0.14	n.a.	BMB
7	6.99	Sulfate	7.855	0.613	12.38	4.817	BMB
Total			29.930	4.553	100.00	22.604	

34 CCB3

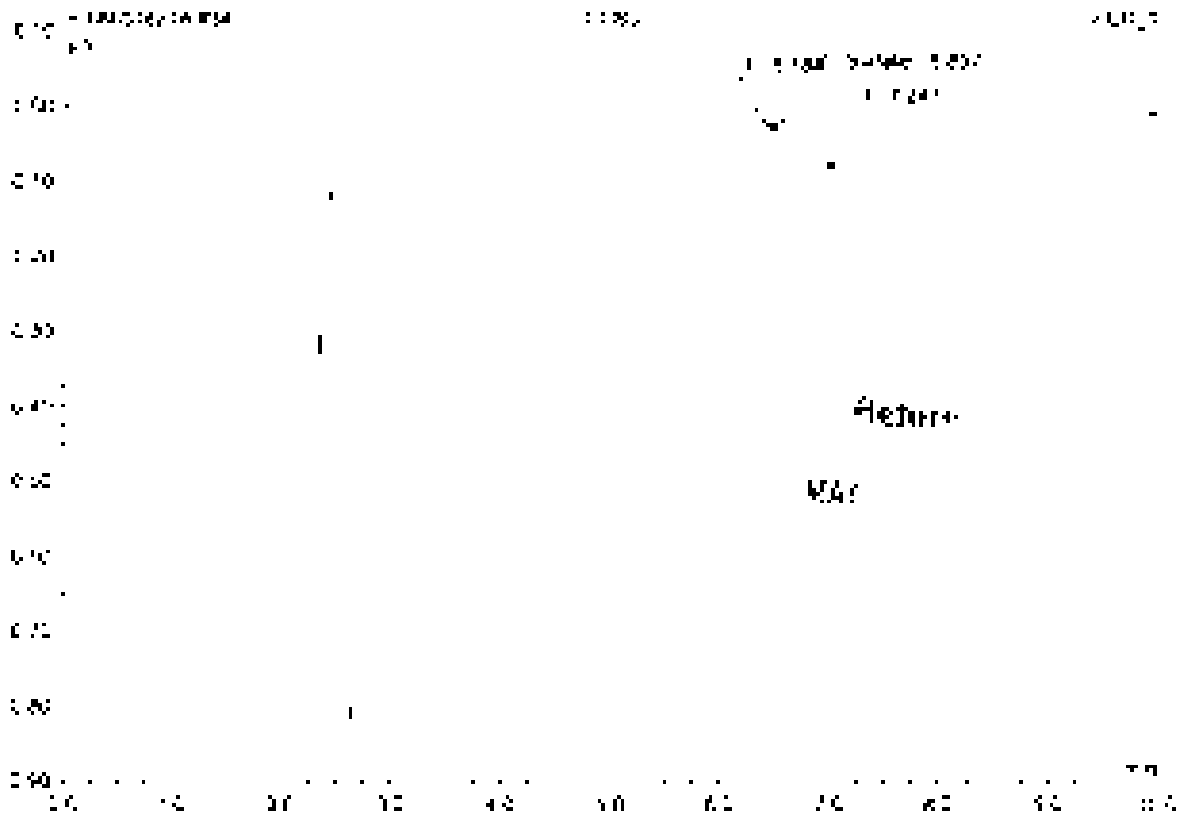
Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	5/13/2021 1:9:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

34 CCB3

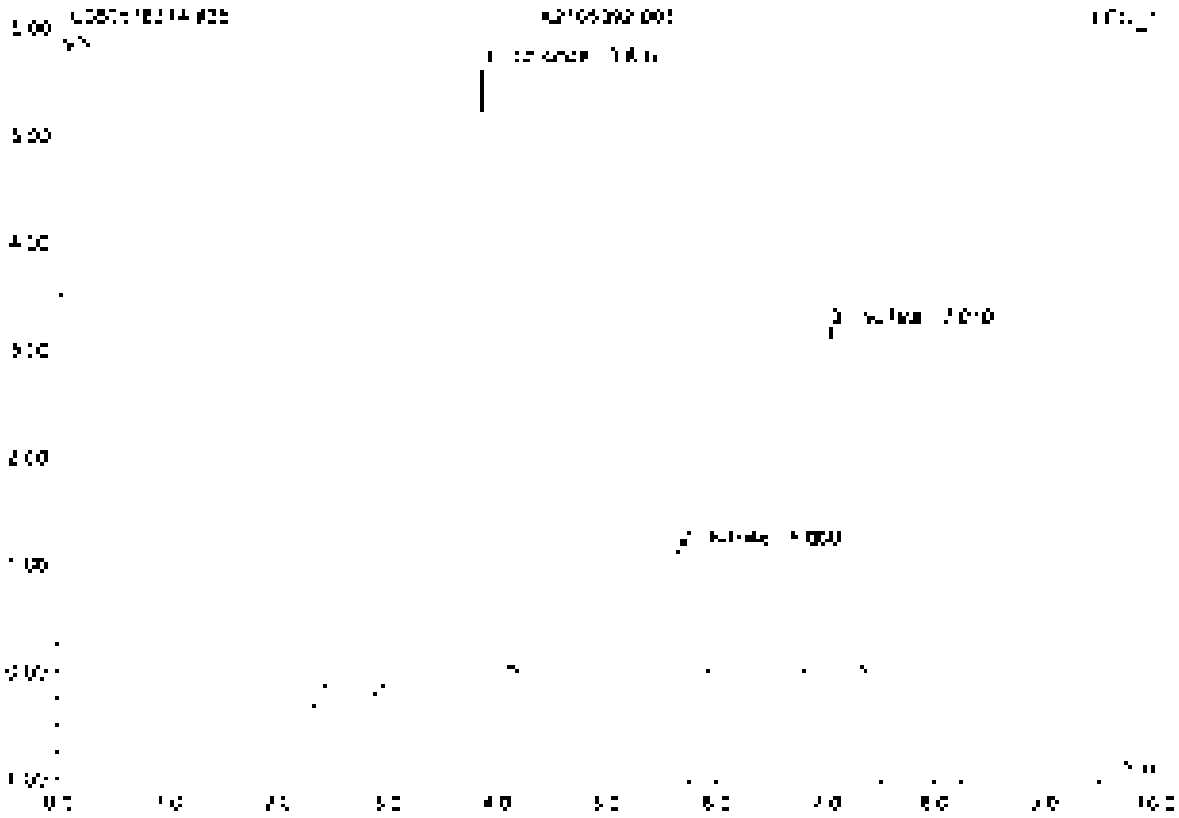
Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Processing Time	5/18/2021 19:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.18	n.a.	0.124	1.441	90.57	n.a.	BMb
2	6.86	Sulfate	0.115	0.025	1.64	0.211	bMB
3	7.25	n.a.	0.076	0.117	7.39	n.a.	bMB
Total:			0.313	1.584	100.00	0.211	

35 K2105392-003

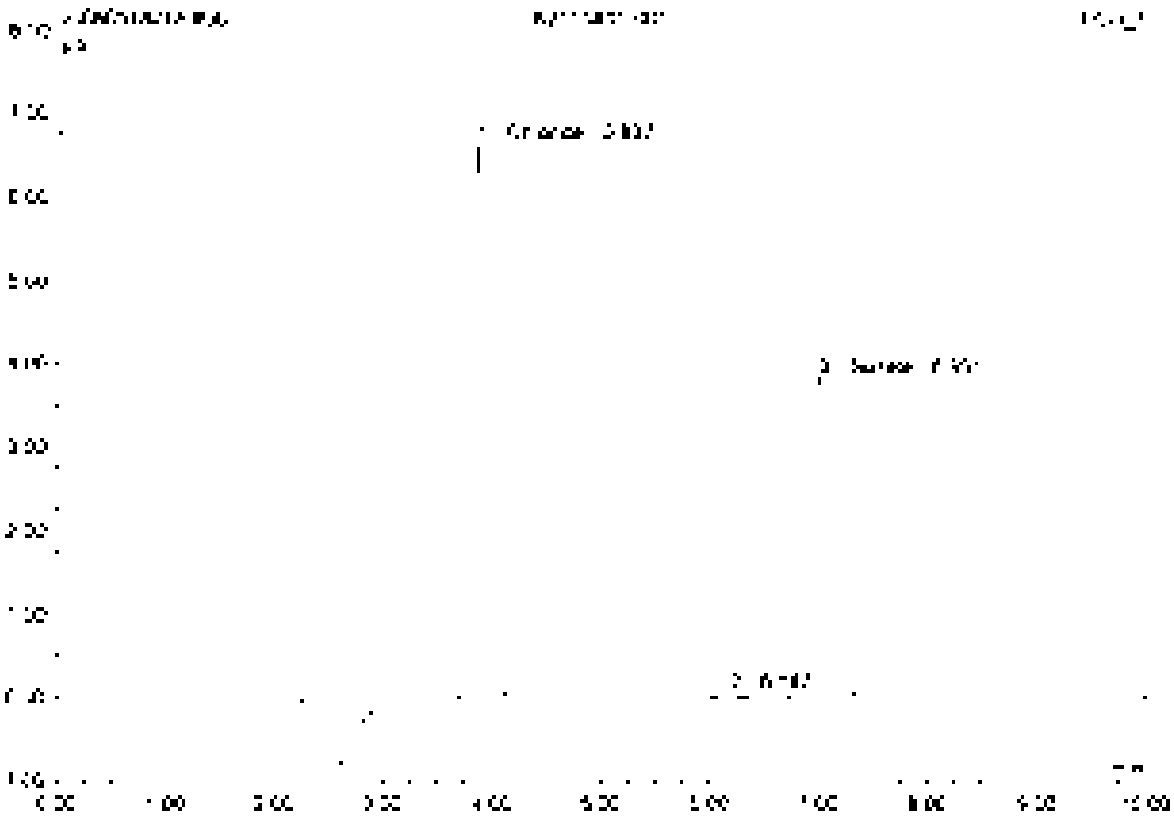
Sample Name	K2105392-003	Injection Volume	25.0
Vial Number	21	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	5.0000
Recording Time	5/18/2021 19:26	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.84	Chloride	5.651	0.572	44.41	12.416	BVB
2	5.65	Nitrate	1.166	0.185	12.89	2.240	BVB
3	7.31	Sulfate	3.204	0.551	42.71	28.456	BVB
Total:			10.022	1.304	100.00	42.758	

36 K2105401-001

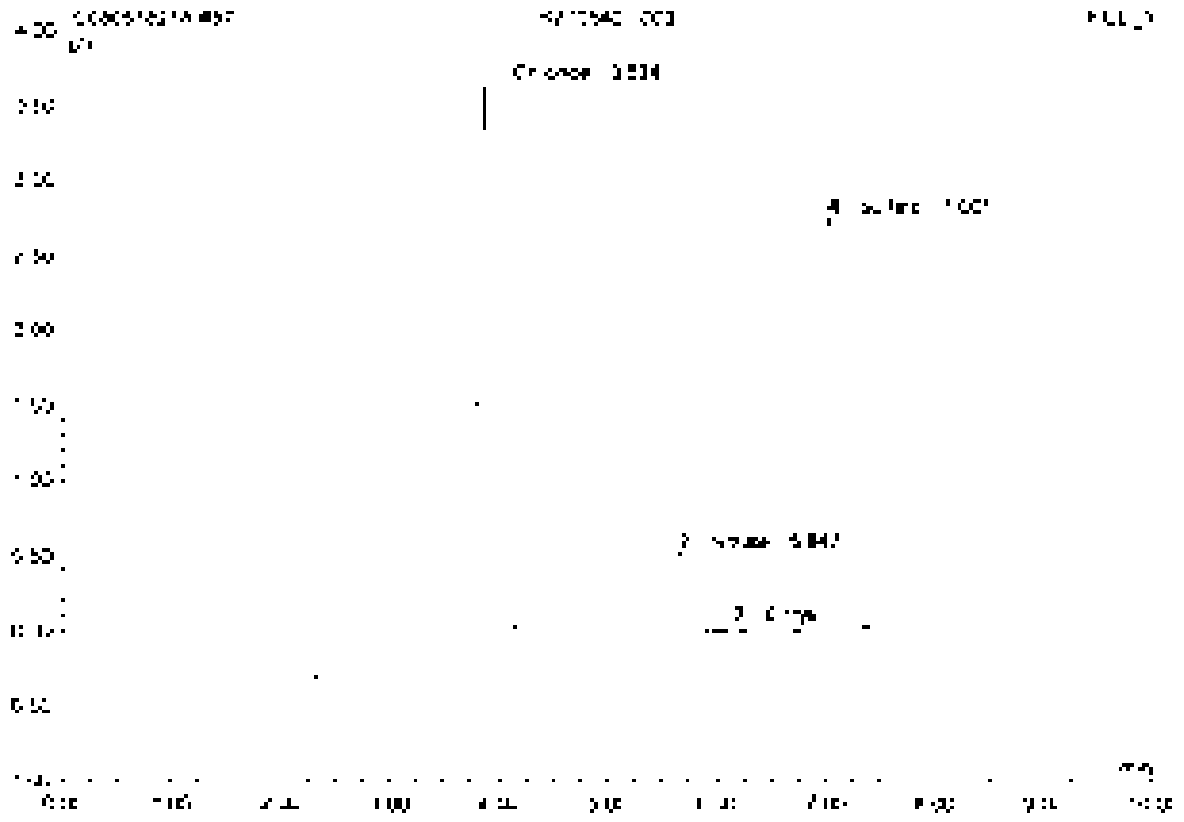
Sample Name	K2105401-001	Injection Volume	25.0
Vial Number	22	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2000.0000
Recording Time	5/19/2021 19:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret. time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	3.84	Chloride	6.635	0.785	48.44	9072.145	BV0
2	6.15	n.a.	0.067	0.013	0.80	n.a.	BWH
3	6.99	Sulfate	3.917	0.823	50.74	**********	BV0
Total			10.522	1.621	100.00	**********	

37 K2105401-003

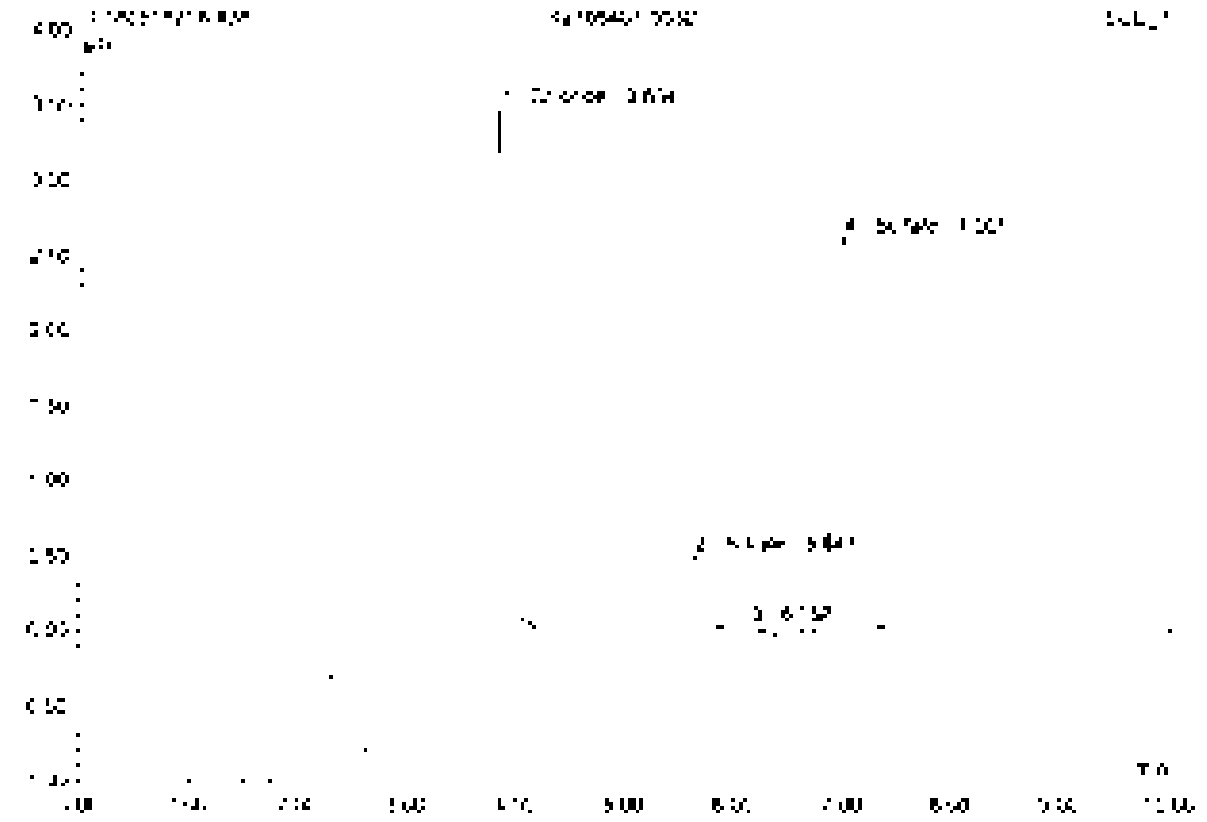
Sample Name	K2105401-003	Injection Volume	25.0
Vial Number	23	Channel	ECD_1
Sample Type	Unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	10.0000
Recording Time	5/19/2021 19:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.83	Chloride	3.642	3.436	39.52	25.155	BMB
2	5.65	Nitrate	0.518	0.660	7.56	1.579	BMB
3	6.75	n.a.	0.038	0.006	0.06	n.a.	BMB
4	7.00	Sulfate	2.739	4.577	52.37	46.847	BMB
Total			6.937	8.702	100.00	73.582	

38 K2105401-003D

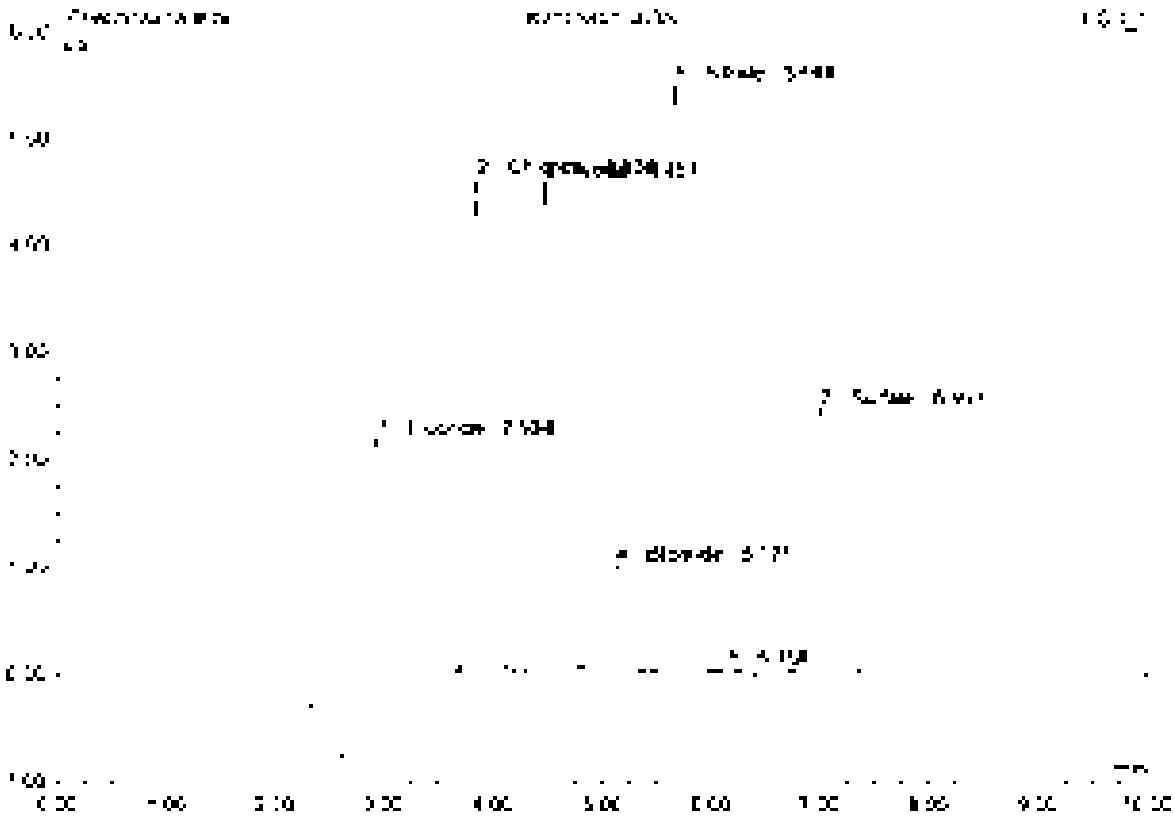
Sample Name	K2105401-003D	Injection Volume	25 µl
Vial Number	24	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	10.0000
Recording Time	5/18/2021 20:01	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.83	Chloride	3.480	0.416	39.41	24.001	BMB
2	5.65	Nitrate	0.300	0.081	7.65	1.518	BVC
3	6.16	n.a.	0.036	0.006	0.53	n.a.	BVB
4	7.02	Sulfate	2.814	0.550	52.40	44.855	BMB
Total:			6.630	1.054	100.00	70.774	

39 K2105401-003S

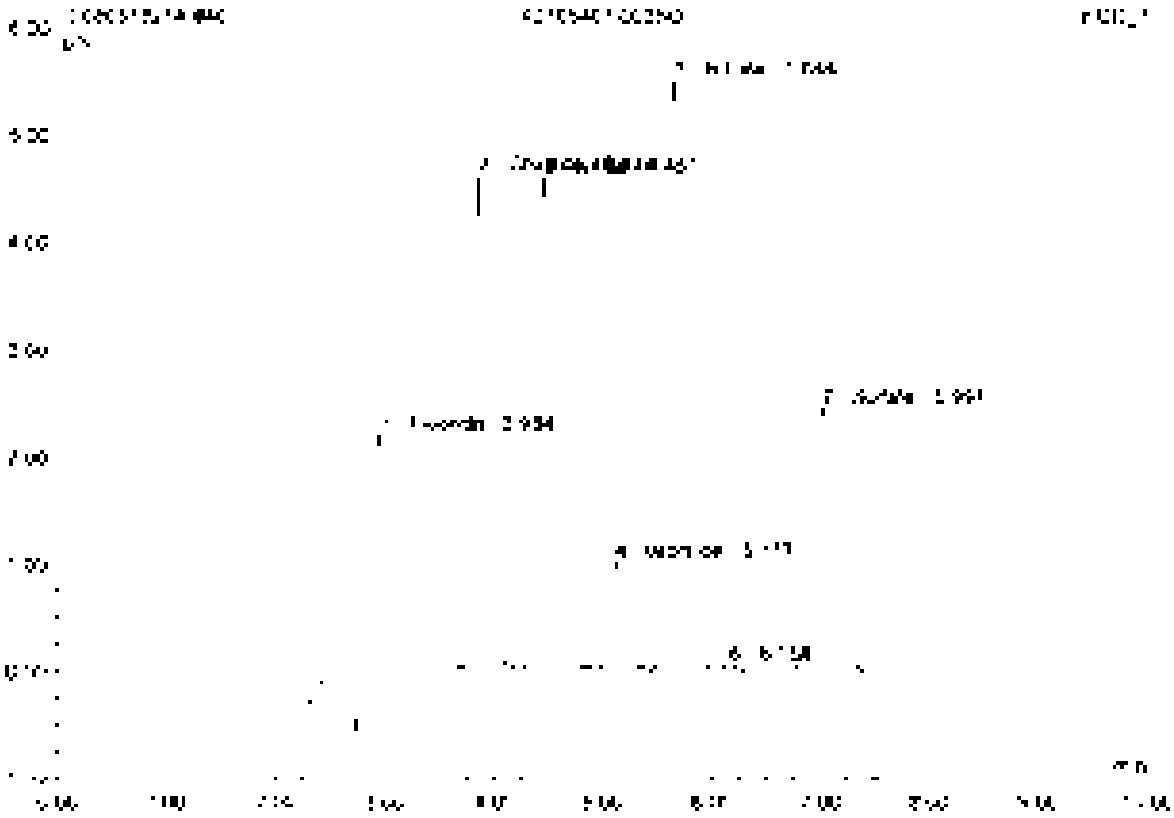
Sample Name	K2105401-003S	Injection Volume	25.0
Vial Number	26	Channel	ECD 1
Sample Type	unknown	Wavelength	n/a
Control Program	epa300	Bandwidth	n/a
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	5/18/2021 20:13	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.43	Fluoride	2.599	0.632	18.34	50.099	BMb
2	3.23	Chloride	4.594	0.545	15.81	63.306	BMb
3	4.45	Nitrite	4.565	0.714	20.73	40.130	BVB
4	5.12	Bromide	0.985	0.145	4.20	40.910	BVB
5	5.84	Nitrate	5.453	0.880	25.53	41.816	BMb
6	6.15	n.a.	0.035	0.006	0.16	n.a.	BMb
7	7.00	Sulfate	2.450	0.521	15.13	86.642	BMb
Total:			20.716	3.445	100.00	321.012	

40 K2105401-003SD

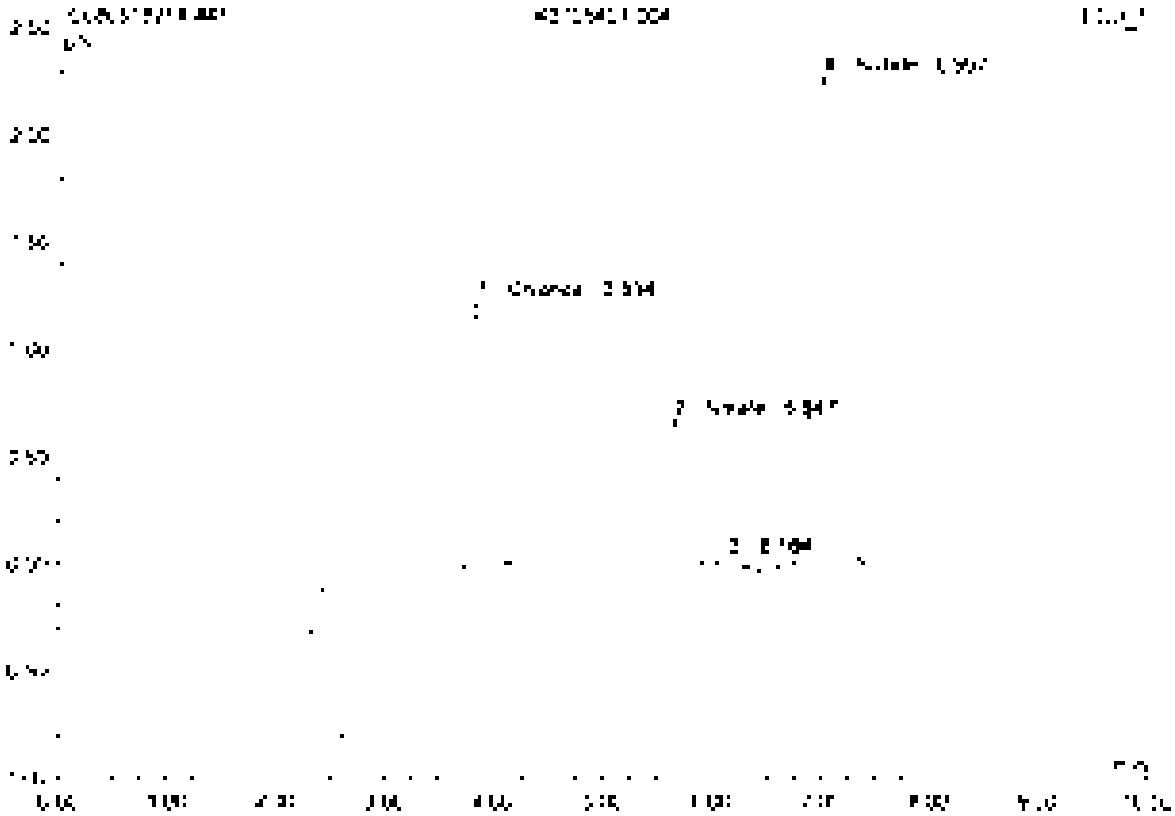
Sample Name	K2105401-003SD	Injection Volume	25.0
Run Number	28	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	5/18/2021 20:24	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.91	Fluoride	2.622	0.035	1.43	50.023	BV E
2	3.80	Chloride	4.587	0.344	15.79	62.900	BV B
3	4.45	Nitrite	4.586	0.718	20.57	40.345	BM B
4	5.17	Bromide	0.994	0.146	4.22	41.062	BM B
5	5.64	Nitrate	5.501	0.882	25.38	41.940	BM b
6	6.76	n.a.	0.037	0.005	0.16	n.a.	BV B
7	7.00	Sulfate	2.494	0.517	15.00	84.009	BV B
Total:			20.261	3.449	100.00	320.818	

41 K2105401-004

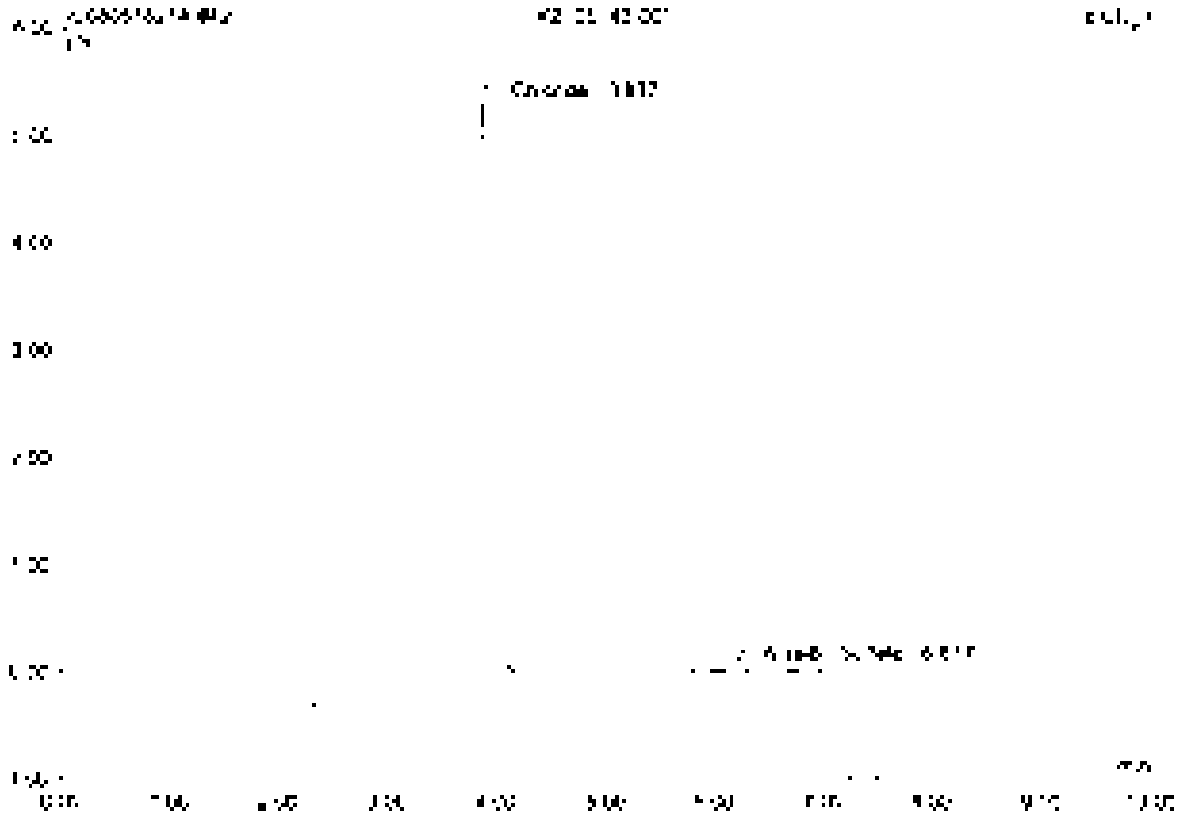
Sample Name	K2105401-004	Injection Volume	25.0
Vial Number	27	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	10.0000
Recording Time	5/19/2021 20:36	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.81	Chloride	1.243	0.150	19.85	8.535	BV B
2	5.65	Nitrate	0.883	0.110	14.56	2.514	BM5
3	6.16	n.a.	0.044	0.007	0.97	n.a.	BMB
4	7.00	Sulfate	2.279	0.488	64.66	39.630	BaVA
Total:			4.243	0.755	100.00	50.679	

42 K2105142-001

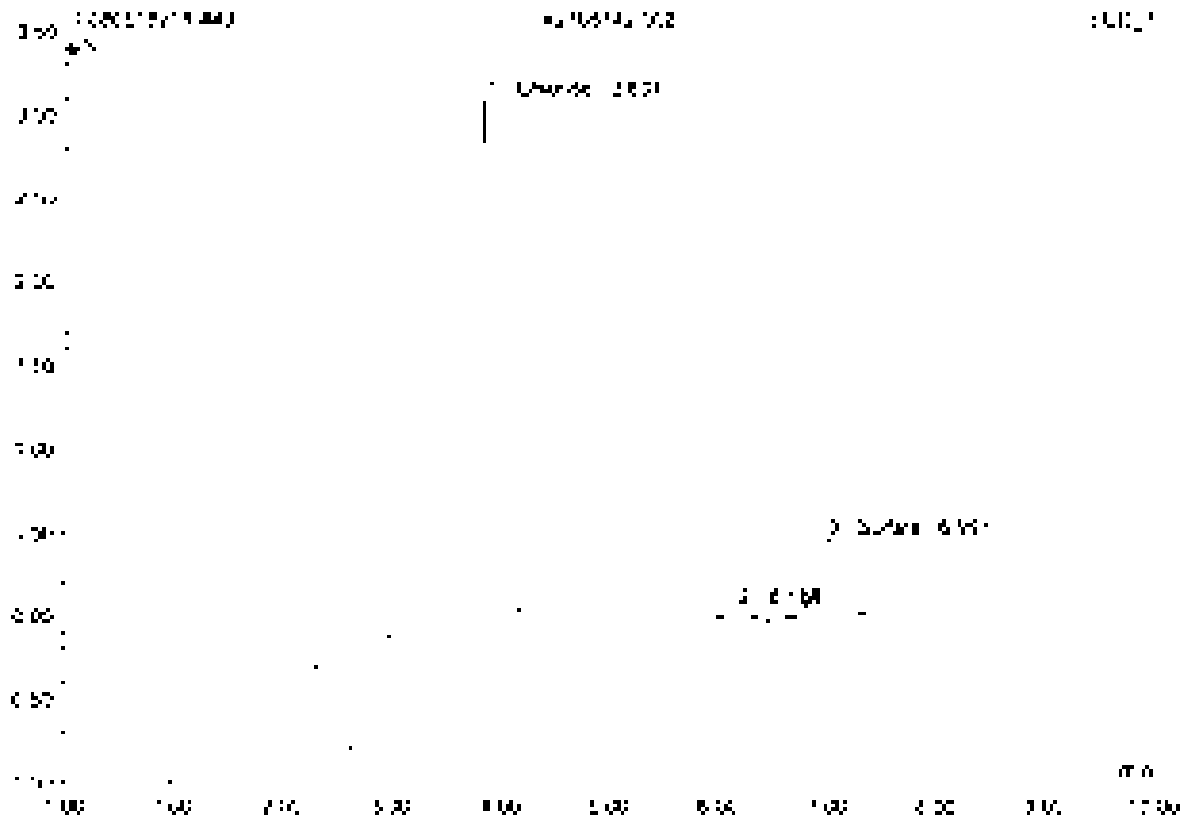
Sample Name	K2105142-001	Injection Volume	750
Vial Number	28	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2000.0000
Recording Time	5/18/2021 20:47	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.84	Chloride	5.315	0.631	96.02	723.747	BMB
2	6.70	n.a.	0.055	0.011	1.74	n.a.	BMB
3	6.88	Sulfate	0.082	0.015	2.29	238.377	BMB
Total:			5.452	0.657	100.00	962.124	

43 K2105142-002

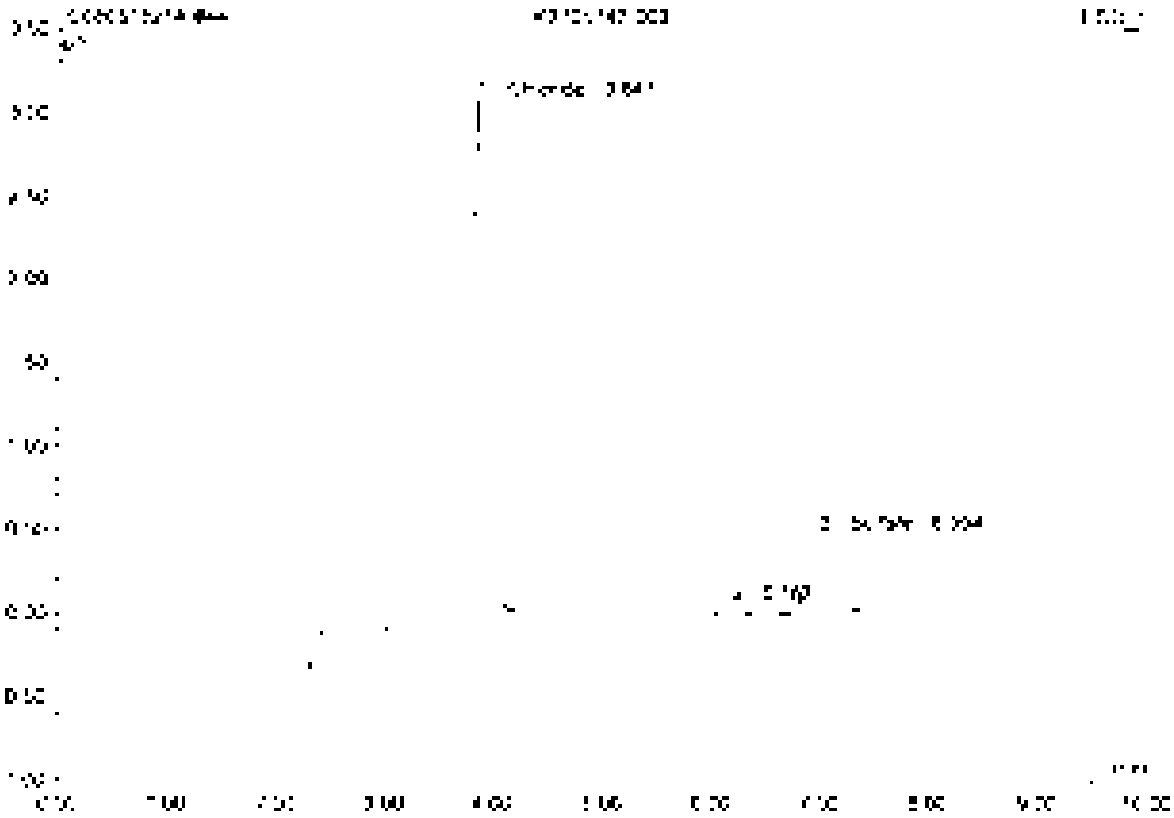
Sample Name	K2105142-002	Injection Volume	25.0
Vial Number	28	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	100.0000
Recording Time	6/18/2021 20:59	Sample Weight	1.0000
Run Time (max.)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.94	Chlorate	3.090	0.367	72.97	424.010	BMB
2	6.18	n.a.	0.050	0.012	2.41	n.a.	BMB
3	8.95	Sulfate	0.469	0.117	23.62	190.340	BMB
Total:			3.615	0.496	100.00	614.350	

44 K2105142-003

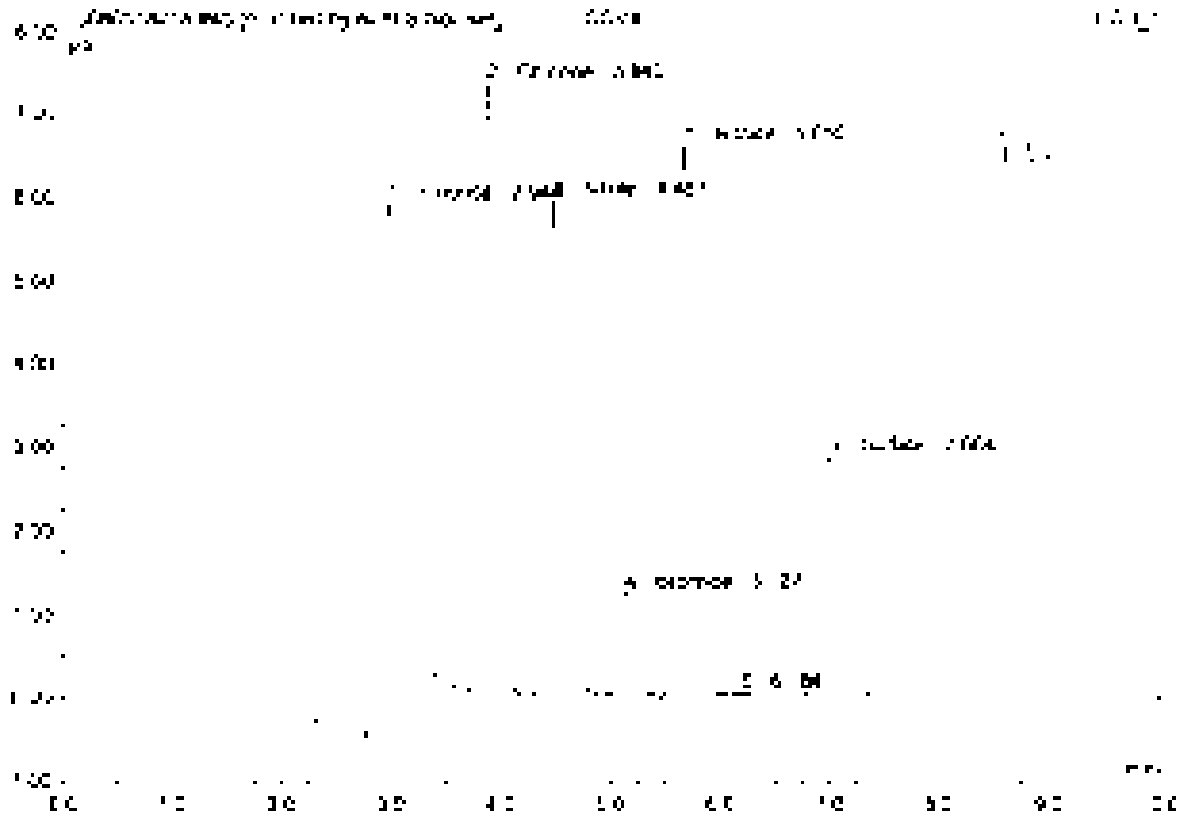
Sample Name	K2105142-003	Injection Volume	35.0
Vial Number	30	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant Method	wpa300	Dilution Factor	200.0000
Recording Time	5/18/2021 21:11	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.84	Chloride	3.072	0.367	73.52	423.736	BMB
2	5.15	n.a.	0.035	0.011	2.30	n.a.	BMB
3	6.99	Sulfate	0.472	0.118	23.78	95.530	BMB
Total			3.600	0.496	100.00	519.266	

45 CCV4

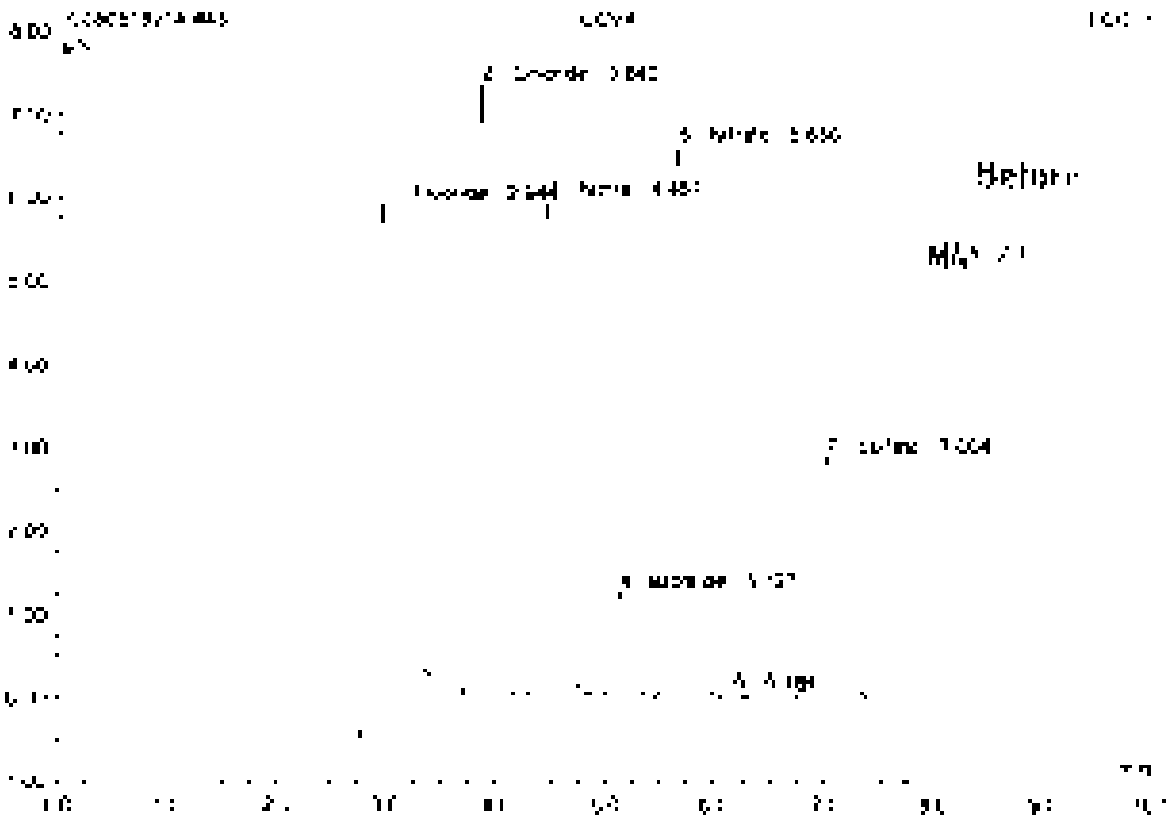
Sample Name	CCV4	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	5/19/2021 21:22	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.54	Fluoride	6.278	1.298	26.20	5.167	BMB*
2	3.84	Chloride	7.202	0.862	17.40	4.075	BMB*
3	4.40	Nitrite	5.939	0.532	15.82	2.610	BMB
4	5.70	Bromide	5.231	0.180	3.64	2.544	BMB
5	5.65	Nitrate	6.605	1.059	21.38	2.517	BMB
6	6.18	n.a.	6.040	0.006	0.12	n.a.	BMB
7	7.00	Sulfate	7.975	0.616	12.43	4.905	BMB
Total			30.260	4.952	100.00	22.621	

45 CCV4

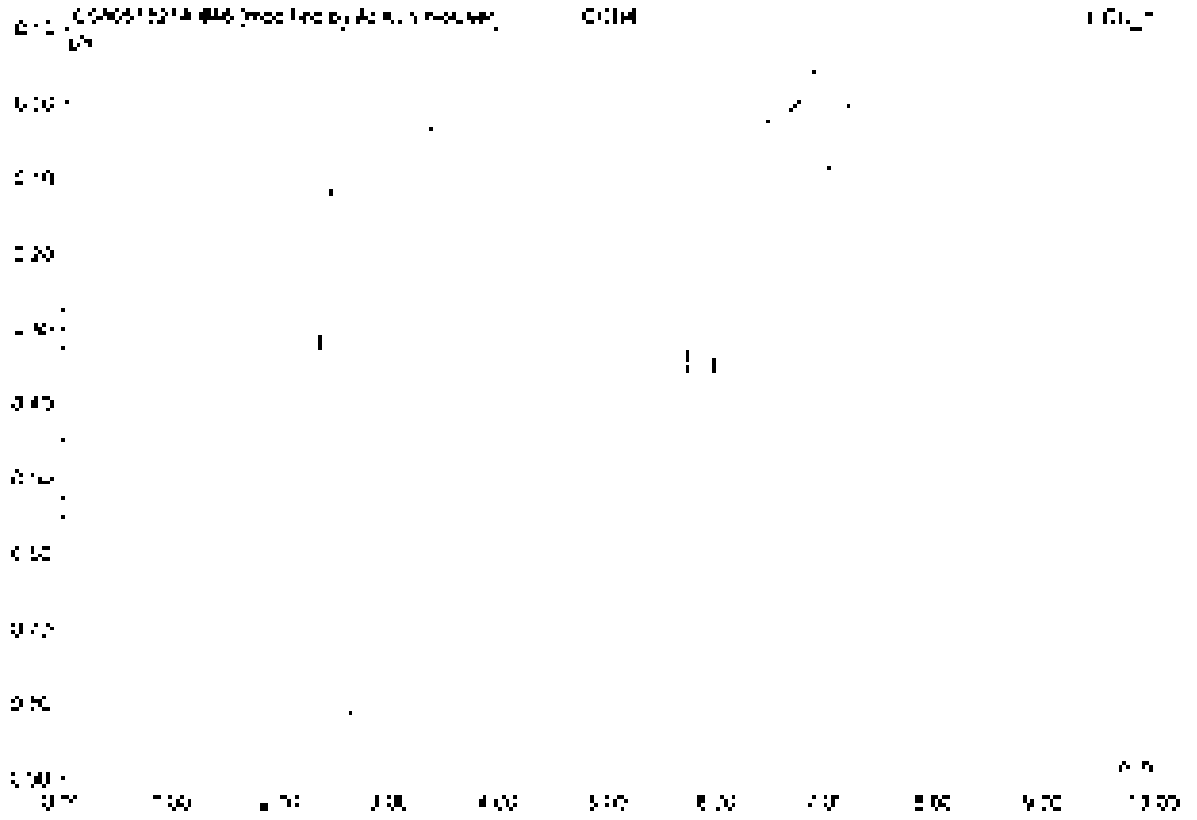
Sample Name	CCV4	Injection Volume	25.0
Vial Number	48	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	ipa300	Bandwidth	n.a.
Quant Method	ipa300	Dilution Factor	1.0000
Recording Time	5/18/2021 21:32	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	0.204	1.350	25.38	5.370	BMb
2	3.54	Chloride	7.292	0.862	17.21	4.576	BVB
3	4.46	Nitrite	5.933	0.932	18.62	2.619	BMB
4	5.13	Bromide	1.731	0.180	3.61	2.544	BMB
5	5.65	Nitrate	6.605	1.059	21.16	2.517	BMb
6	6.18	n.a.	0.340	0.006	0.12	n.a.	BMB
7	7.00	Sulfate	2.875	0.616	12.30	4.938	BMB
Total:			30.286	5.005	100.00	20.951	

46 CCB4

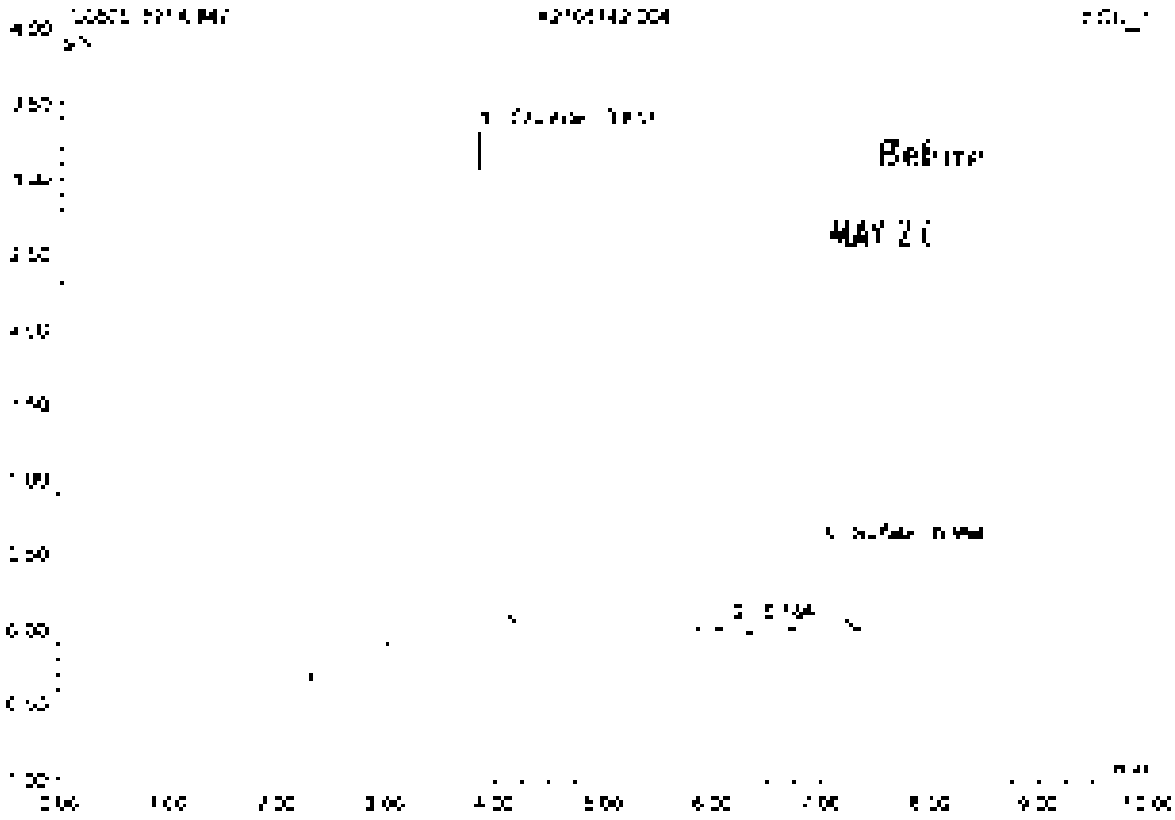
Sample Name	CCB4	Injection Volume	25.0
Vial Number	46	Channel	ECD [illegible]
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Channel Method	spa300	Dilution Factor	1.0000
Recording Time	5/18/2021 [illegible]:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

47 K2105142-004

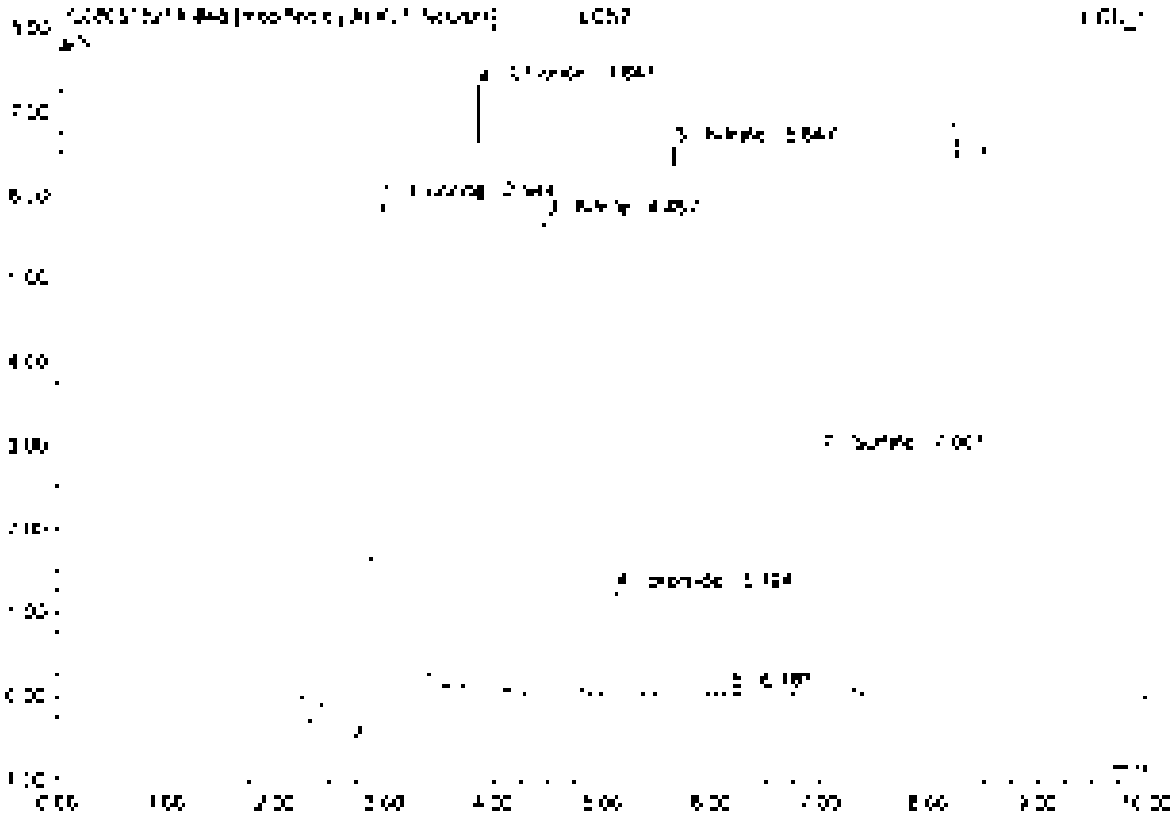
Sample Name	K2105142-004	Injection Volume	25.0
Vial Number	31	Channel	CCD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	400.0000
Recording Time	5/18/2021 21:46	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.84	Chloride	3.317	0.190	72.07	902.020	BMB
2	5.18	n.a.	0.055	0.011	2.12	n.a.	BMB
3	5.95	Sulfate	0.575	0.140	25.81	454.015	BMB
Total:			3.948	0.542	100.00	1356.038	

48 LCS2

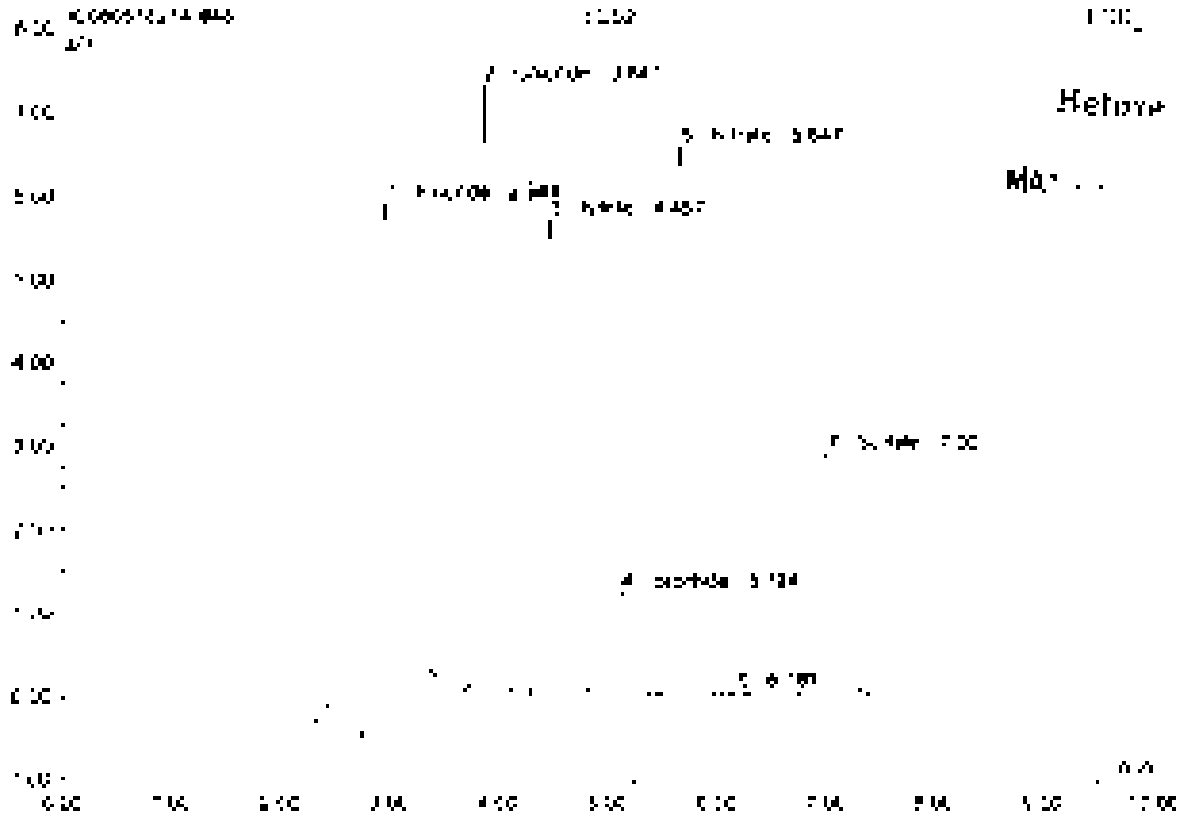
Sample Name	LCS2	Injection Volume	25.0
Vial Number	3	Channel	ECD 1
Sample Type	unknown	Acquisition	n.a.
Control Program	wpa300	Bandwidth	n.a.
Control Method	wpa300	Calibrat. Factor	1.0000
Recording Time	5/18/2021 21:58	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.94	Fluoride	6.265	1.254	36.38	5.752	BV8*
2	3.84	Chloride	7.262	0.857	17.48	4.953	BV8*
3	4.46	Nitrite	5.688	0.893	18.21	2.589	BV8
4	5.12	Bromide	7.229	0.180	3.66	2.503	BV8
5	5.65	Nitrate	8.573	1.054	21.50	2.595	BM5
6	6.18	n.a.	0.043	0.006	0.13	n.a.	BMB
7	7.00	Sulfate	2.891	0.570	12.64	5.032	BV8
Total:			29.955	4.904	100.00	22.554	

48 LCS2

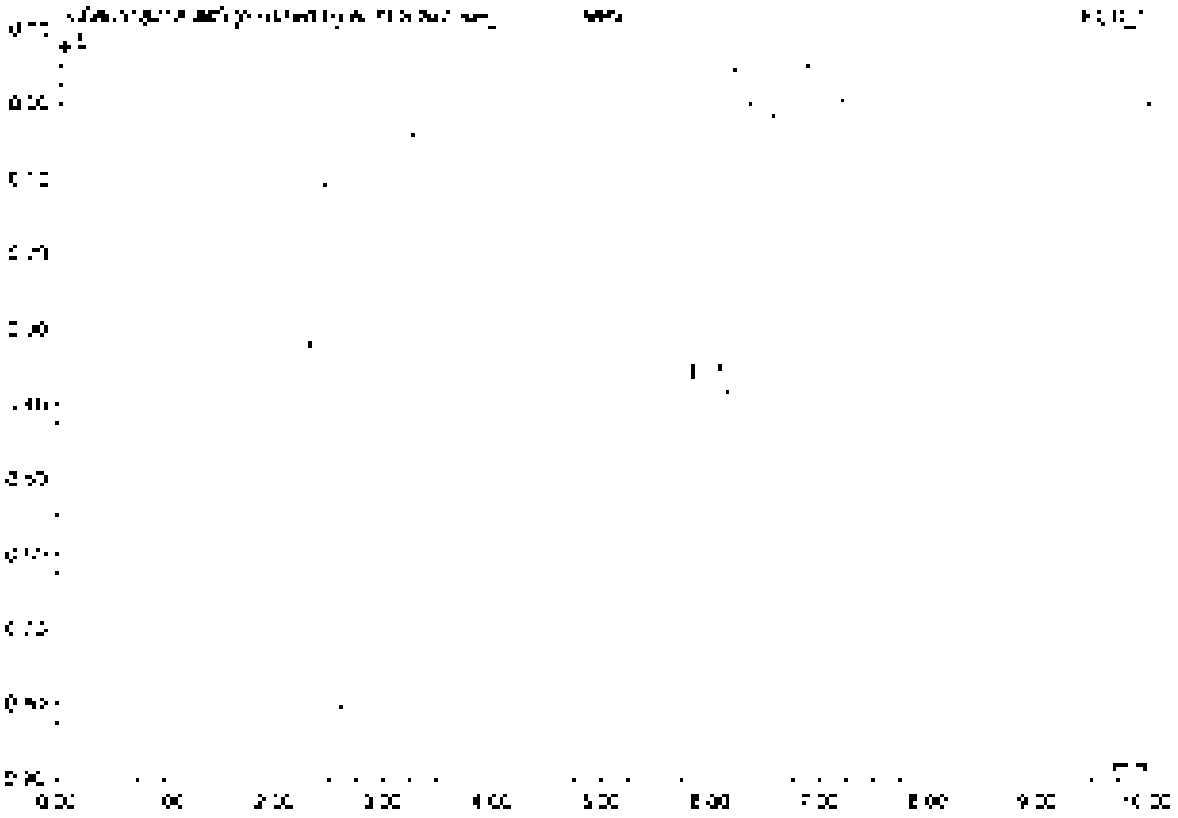
Sample Name	LCS2	Injection Volume	25.0
Run Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Original Method	spa300	Dilution Factor	1.0000
Recording Time	5/18/2021 21:58	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	6.706	1.354	27.27	5.301	BMB
2	3.84	Chloride	7.362	0.857	17.27	4.953	BMB
3	4.46	Nitrite	5.688	0.850	17.13	2.509	BMB
4	5.12	Bromide	1.224	0.180	3.62	2.503	BMB
5	5.65	Nitrate	6.577	1.054	21.24	2.506	BMB
6	6.19	n.a.	0.543	0.006	0.13	n.a.	BMB
7	7.00	Sulfate	2.895	0.620	12.49	5.012	BMB
Total:			29.965	4.964	100.00	22.923	

49 MB2

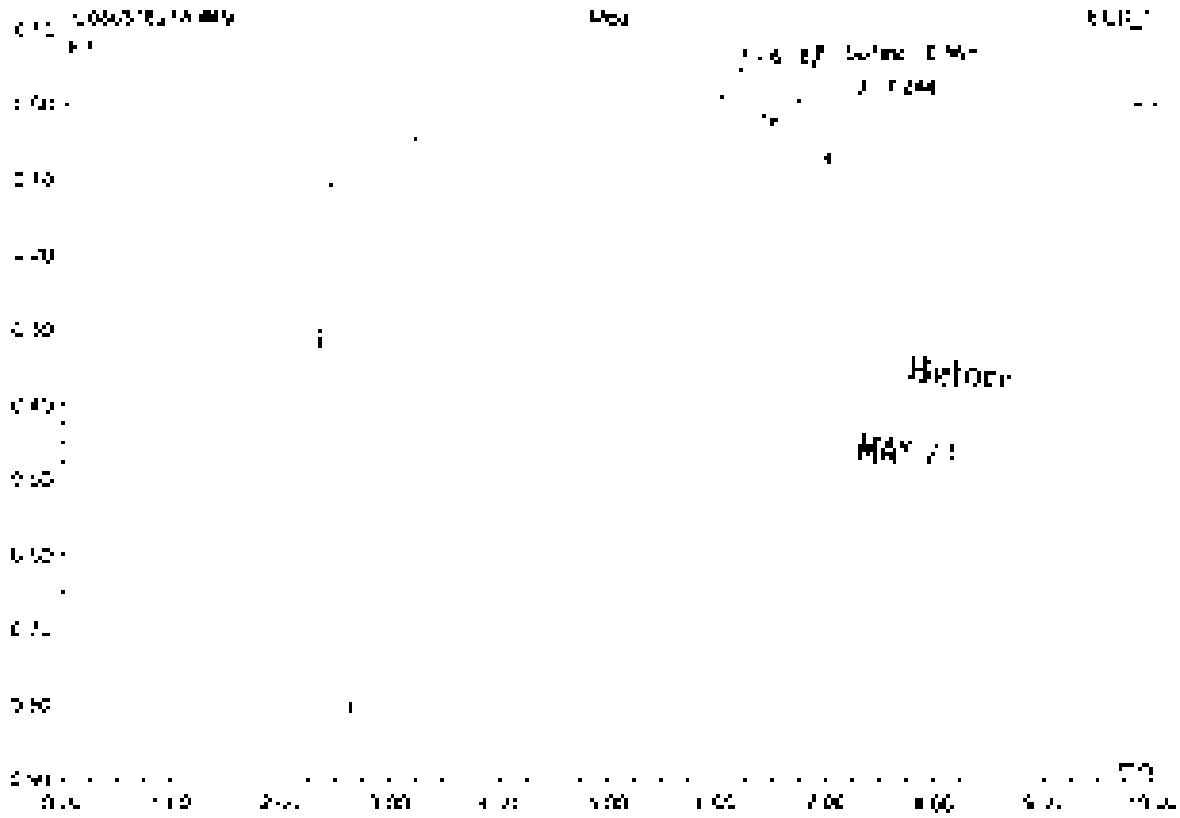
Sample Name	MB2	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantit. Method	apa300	Dilution Factor	1.0000
Recording Time	5/14/2021 22:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

49 MB2

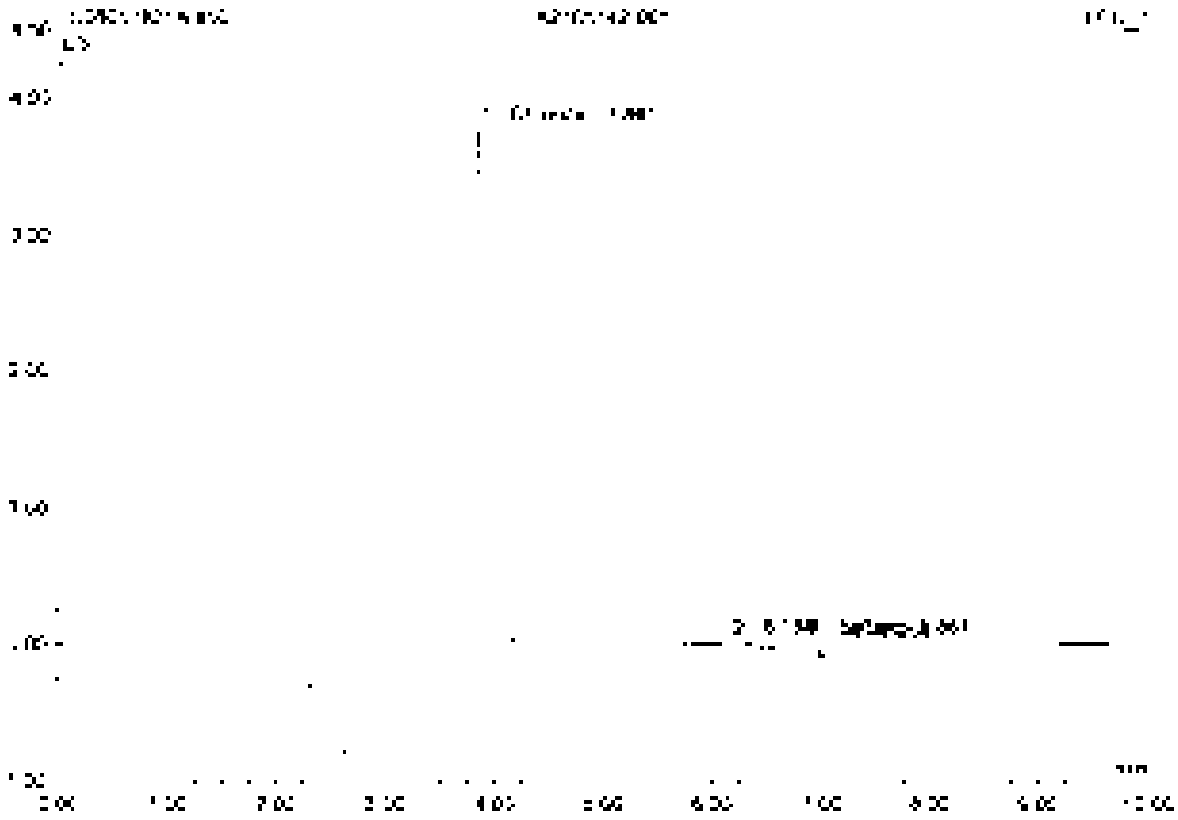
Sample Name	MB2	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Calibrat. Polynom	apa300	Bandwidth	n.a.
Quant. Method	apa300	Dilution Factor	1.0000
Recording Time	5/18/2021 22:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.79	n.a.	0.129	1.440	91.37	n.a.	BV6
2	6.86	Sulfate	0.015	0.025	1.60	0.205	BV8
3	7.24	n.a.	0.080	0.111	7.03	n.a.	BM8
Total			0.324	1.576	100.00	0.205	

50 K2105142-005

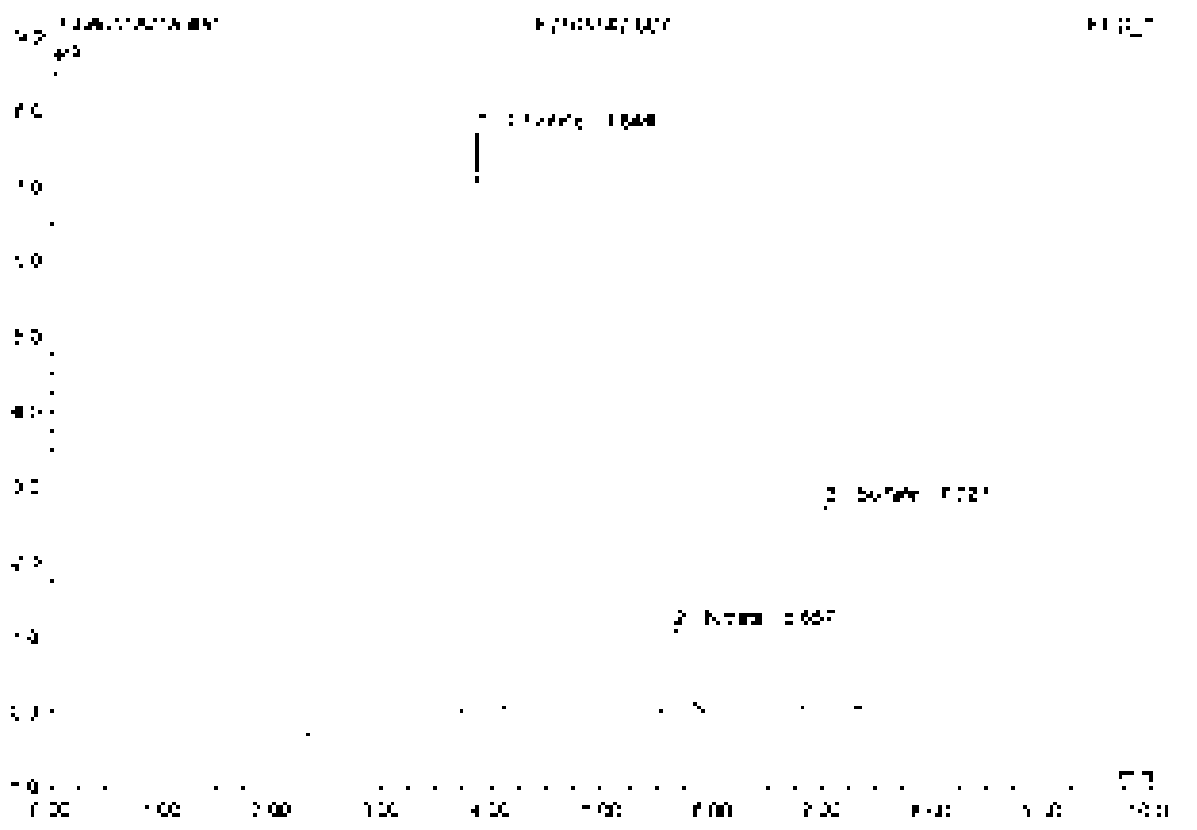
Sample Name	K2105142-005	Injection Volume	25.0
Vial Number	37	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	400.0000
Analysis Time	5/18/2021 22:21	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.84	Chloride	3.729	0.452	74.21	1043.274	BMB
2	6.18	n.a.	0.056	0.015	2.41	n.a.	PMB
3	6.56	Sulfate	0.155	0.026	4.30	85.050	BMB
4	7.25	n.a.	0.081	0.116	19.08	n.a.	BMB
Total:			4.040	0.608	100.00	1128.324	

51 K2105142-007

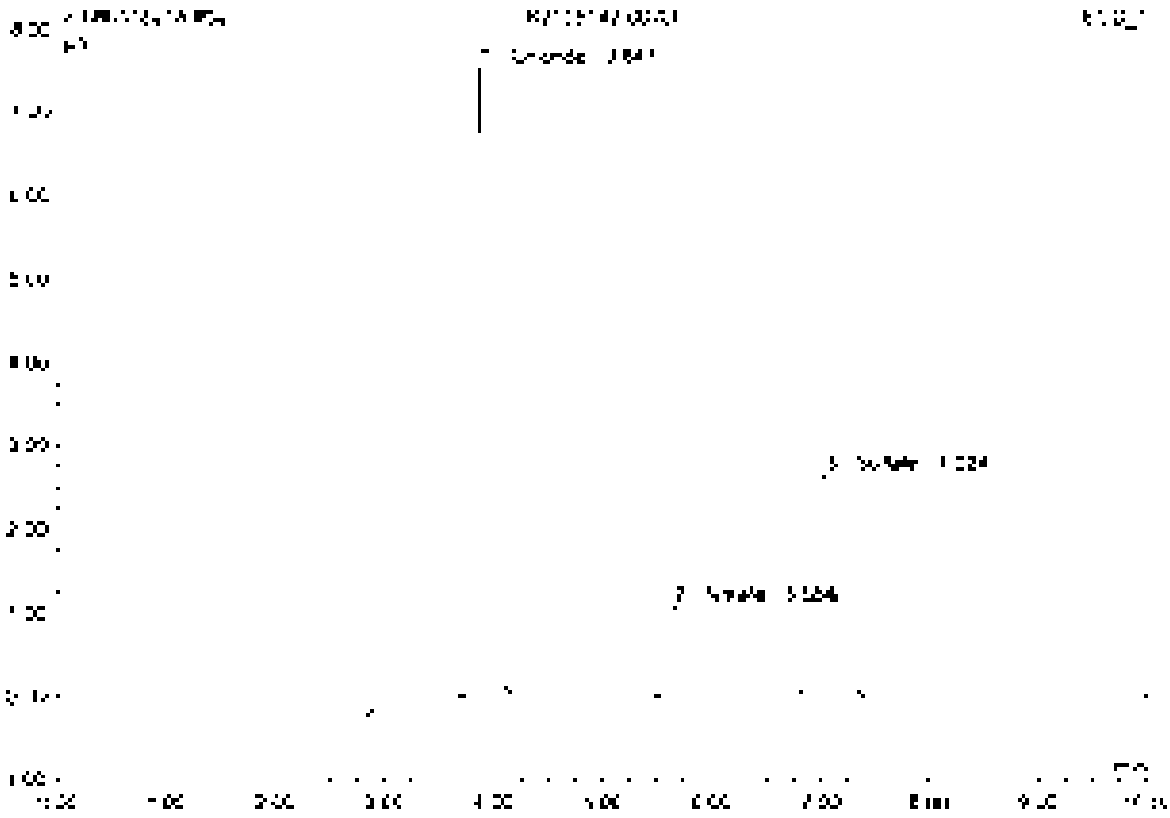
Sample Name	K2105142-007	Injection Volume	25.0
Vial Number	33	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	5.0000
Recording Time	5/11/2021 22:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.84	Chloride	7.700	0.516	56.06	26.449	BMB
2	5.66	Nitrate	1.103	0.178	19.96	2.128	dMB
3	7.03	Sulfate	2.734	0.439	32.98	21.867	BMB
Total			11.567	1.034	100.00	50.443	

52 K2105142-007D

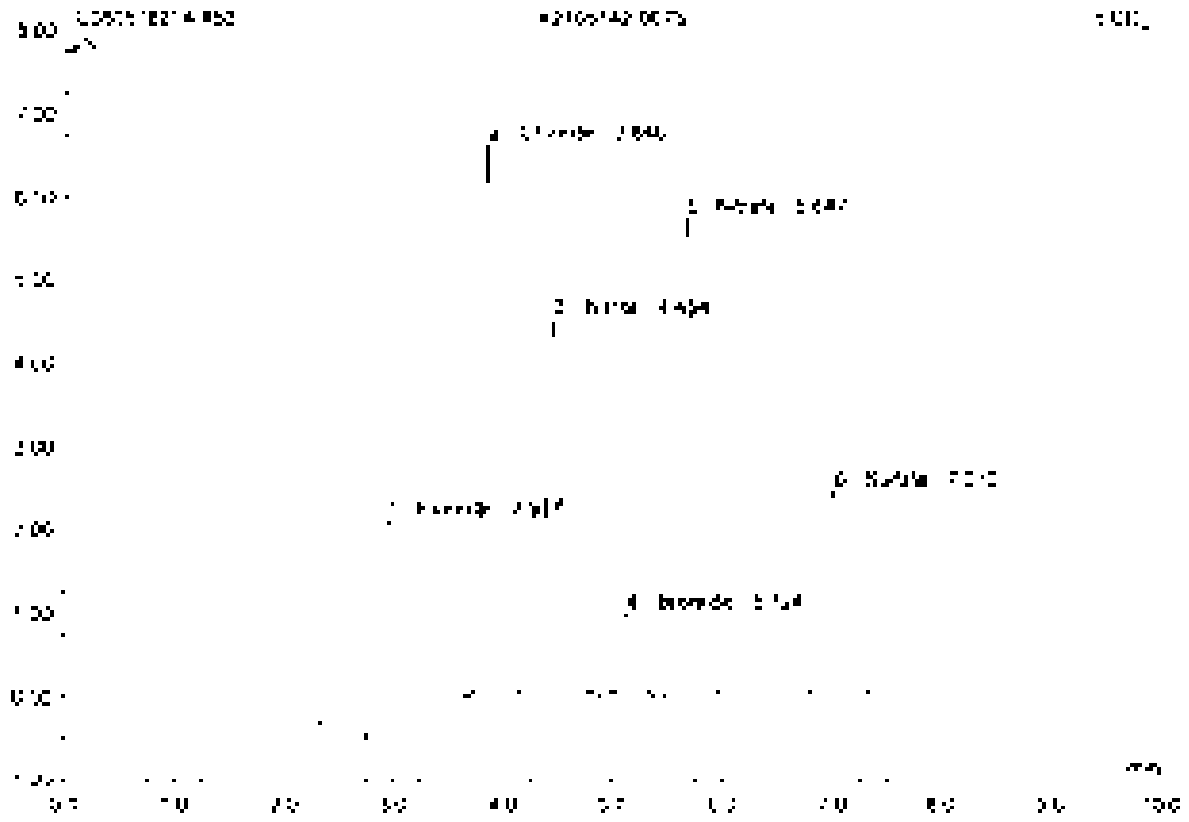
Sample Name	K2105142-007D	Injection Volume	35.0
Vial Number	34	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	6.0000
Recording Time	5/18/2021 22:48	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.84	Chloride	7.534	0.892	56.08	25.764	BMB
2	5.65	Nitrate	1.078	0.175	11.02	2.084	BMB
3	7.02	Sulfate	2.645	0.523	32.90	21.242	BMB
Total:			11.258	1.591	100.00	49.090	

53 K2105142-007S

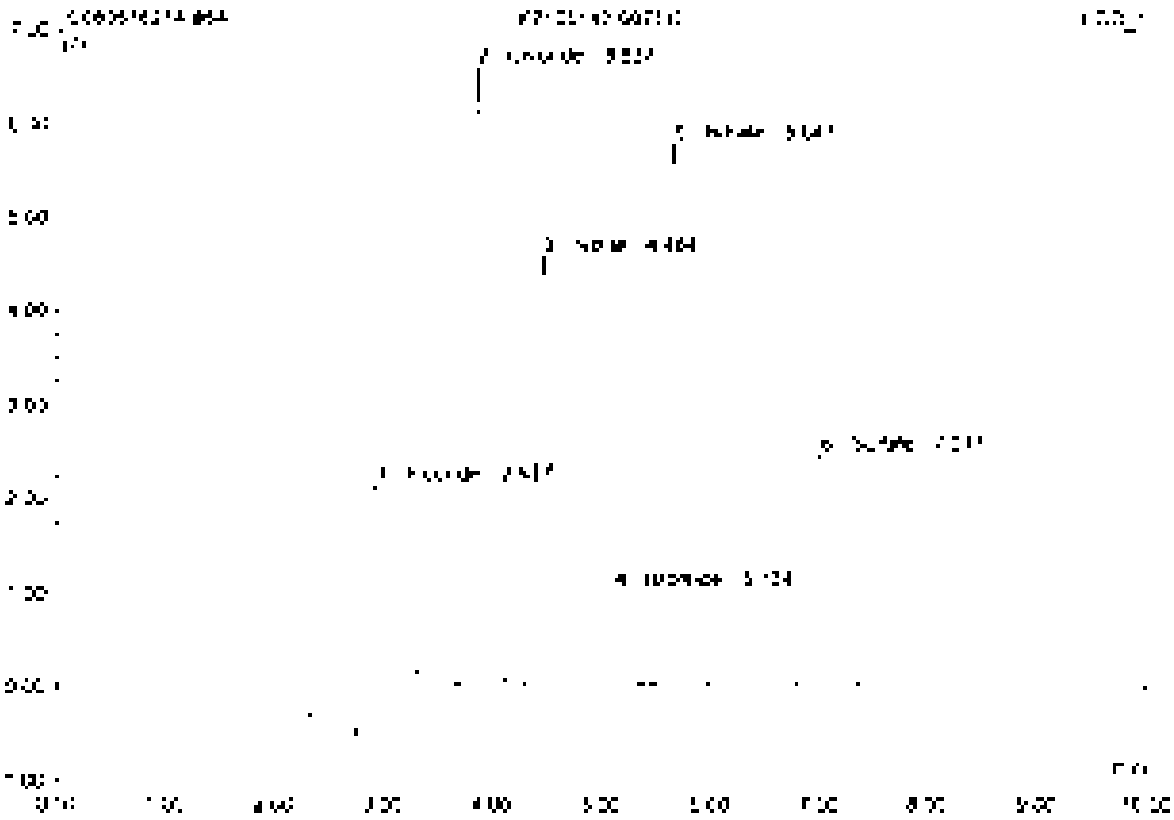
Sample Name	K2105142-007S	Injection Volume	25.0
Vial Number	53	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	10.0000
Recording Time	5/19/2021 22:56	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	2.533	0.520	10.82	24.633	BMB
2	3.84	Chloride	8.607	0.952	21.72	45.170	BMB
3	4.45	Nitrite	4.517	0.906	18.85	19.929	BMB
4	5.12	Bromide	0.988	0.146	3.05	30.532	BMB
5	5.66	Nitrate	5.737	0.924	25.10	21.981	BMB
6	7.01	Sulfate	2.456	0.503	10.46	40.847	BMB
Total			22.807	4.805	100.00	183.102	

54 K2105142-007SD

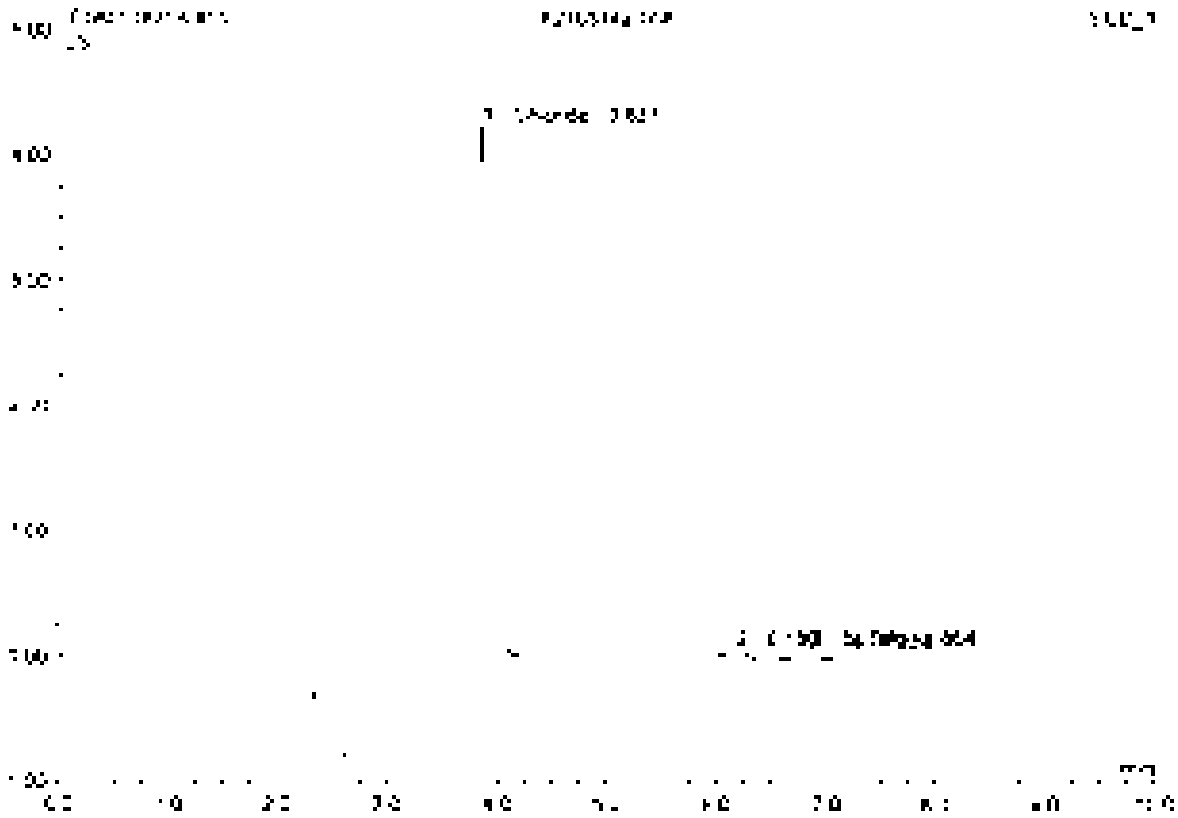
Sample Name	K2105142-007SD	Injection Volume	35.0
Vial Number	36	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant. Method	wpa300	Dilution Factor	50.0000
Recording Time	5/18/2021 23:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	2.555	0.626	16.53	24.944	BMb
2	3.84	Chloride	6.576	0.779	21.04	86.977	BMB
3	4.45	Nitrite	4.556	0.716	19.34	20.110	BMB
4	5.12	Bromide	0.997	0.147	3.97	20.714	PMB
5	5.55	Nitrate	5.778	0.851	22.15	32.125	PMB
6	7.01	Sulfate	2.445	0.502	13.58	40.794	PMB
Total:			22.974	3.701	100.00	173.664	

55 K2105142-008

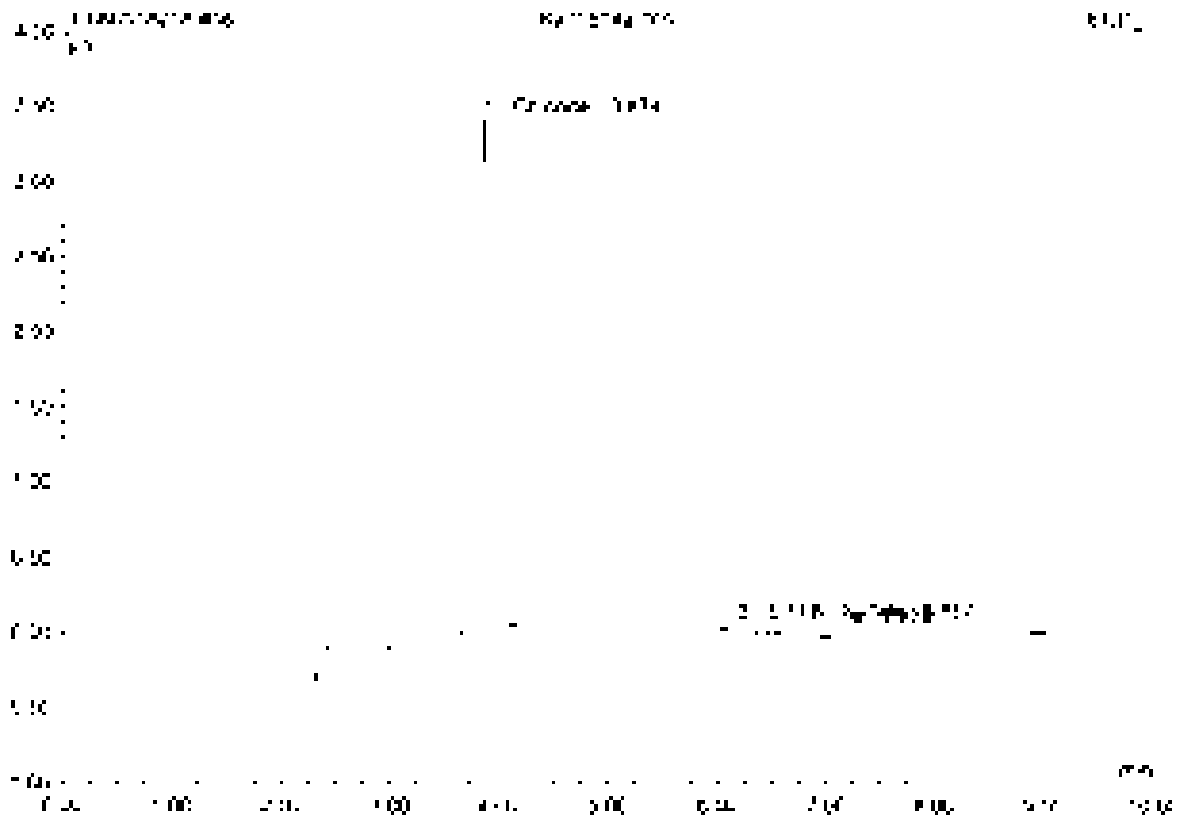
Sample Name	K2105142-008	Injection Volume	25.0
Vial Number	37	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	5000.0000
Recording Time	5/18/2021 23:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.84	Chloride	4.241	0.505	86.83	**********	BVB
2	6.15	n.a.	0.056	0.012	1.99	n.a.	BVB
3	6.86	Sulfate	0.094	0.018	3.17	747.864	BMB
4	7.22	n.a.	0.044	0.047	8.01	n.a.	BMB
Total:			4.435	0.582	100.00	**********	

58 K2105142-009

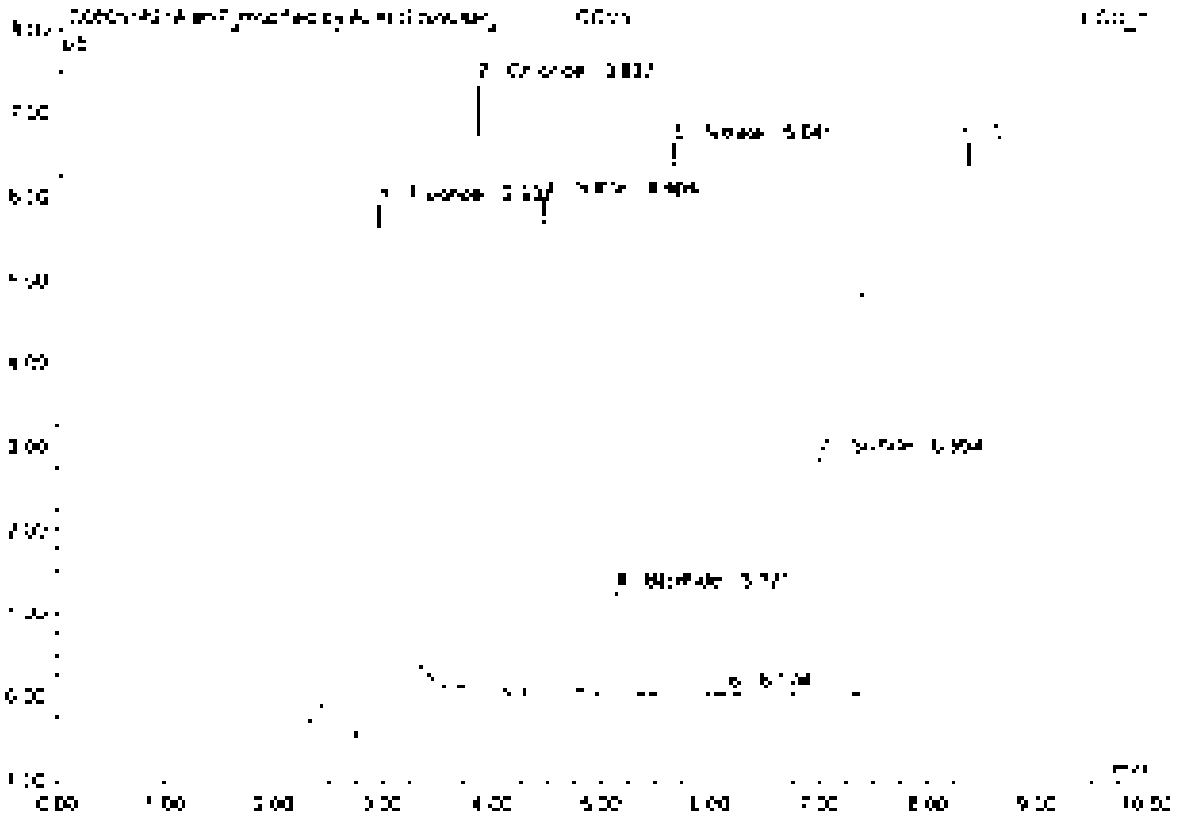
Sample Name	K2105142-009	Injection Volume	25.0
Vial Number	38	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	5000.0000
Recording Time	5/18/2021 23:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.61	Chlorate	3.412	0.406	80.31	[redacted]	BMB
2	6.18	n.a.	0.057	0.012	2.32	n.a.	BMB
3	6.85	Sulfate	0.100	0.021	4.07	536.225	BMB
4	7.22	n.a.	0.055	0.067	13.30	n.a.	BMB
Total:			3.526	0.505	100.00	[redacted]	

57 CCV5

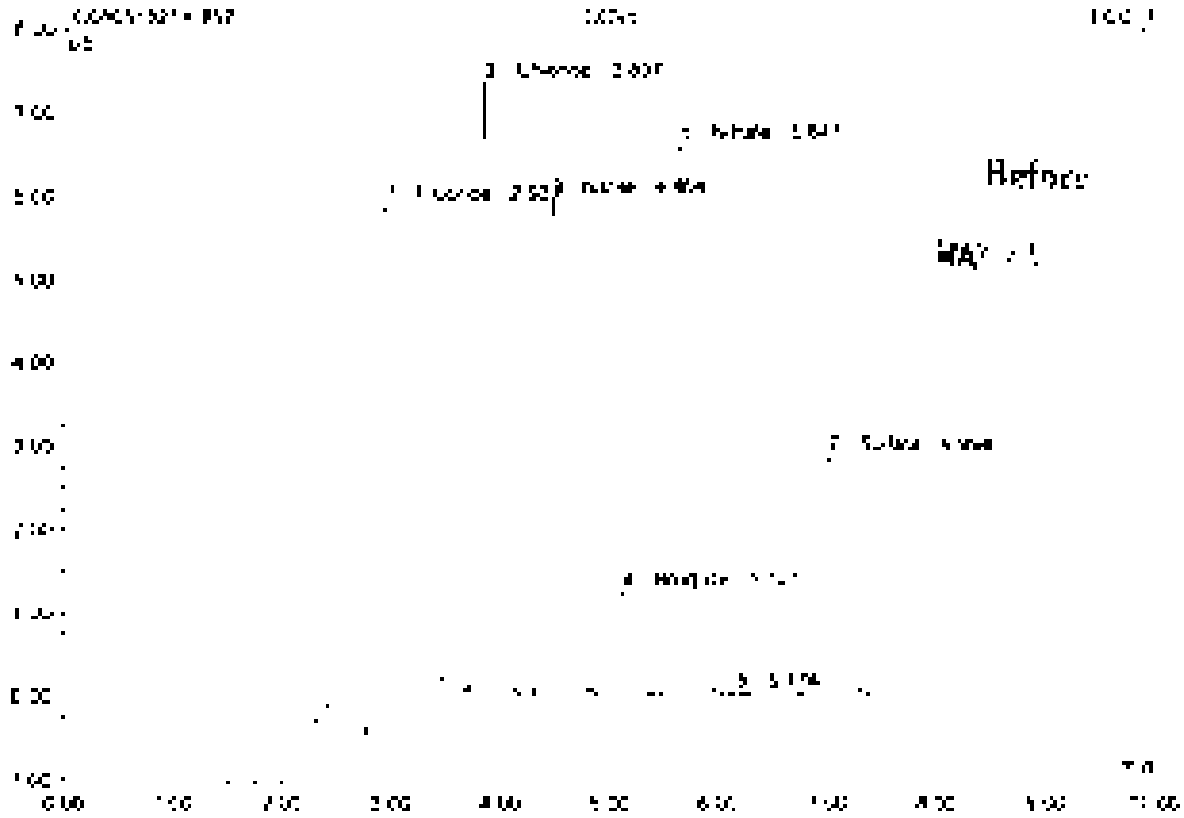
Sample Name	CCV5	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Processing Time	5/18/2021 23:43	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.64	Fluoride	6.234	1.276	25.88	5.090	BV@*
2	3.84	Chloride	7.706	0.860	17.44	4.566	BMB*
3	4.45	Nitrite	5.943	0.933	18.92	2.621	BV3
4	5.12	Bromide	7.283	0.180	3.66	2.544	BV3
5	5.84	Nitrate	6.610	1.059	21.48	2.512	BM5
6	6.17	n.a.	0.341	0.006	0.13	n.a.	BM5
7	6.99	Sulfate	2.973	0.616	12.49	4.962	BMH
Total:			38.235	4.930	100.00	22.720	

57 CCV5

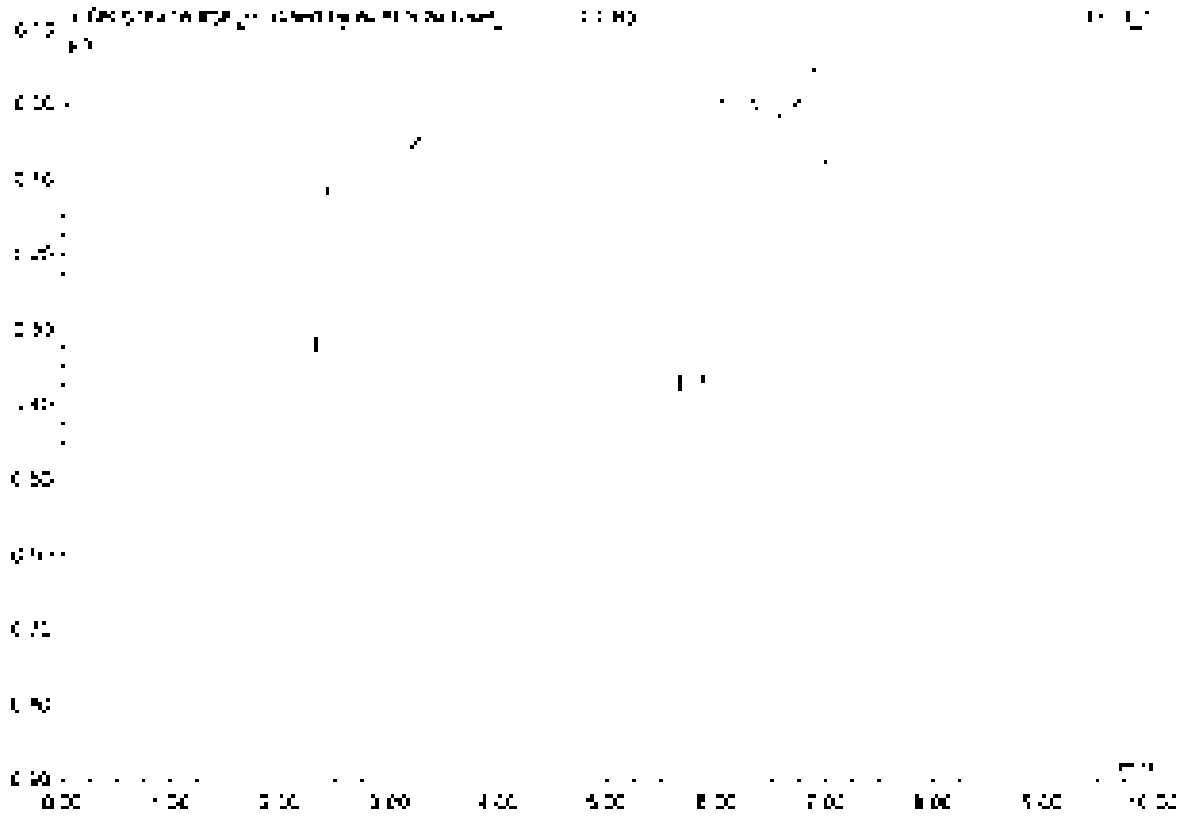
Sample Name	CCV5	Injection Volume	25.0
Vial Number	49	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Method Name	epa300	Calibrn Factor	1.0000
Recording Time	5/18/2021 23:43	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	5.769	1.347	20.93	5.362	BMB
2	3.84	Chloride	7.296	0.800	12.43	4.966	BMB
3	4.45	Nitrite	5.940	0.930	14.45	2.621	BMB
4	5.12	Nitrate	1.720	0.130	2.01	2.944	BMB
5	5.64	Phosphate	6.612	1.055	16.39	2.518	BMB
6	6.17	n.a.	3.041	0.006	0.09	n.a.	BMB
7	6.99	Sulfate	2.870	0.916	14.23	4.998	BMB
Total			30.267	6.431	100.00	23.008	

58 CCB5

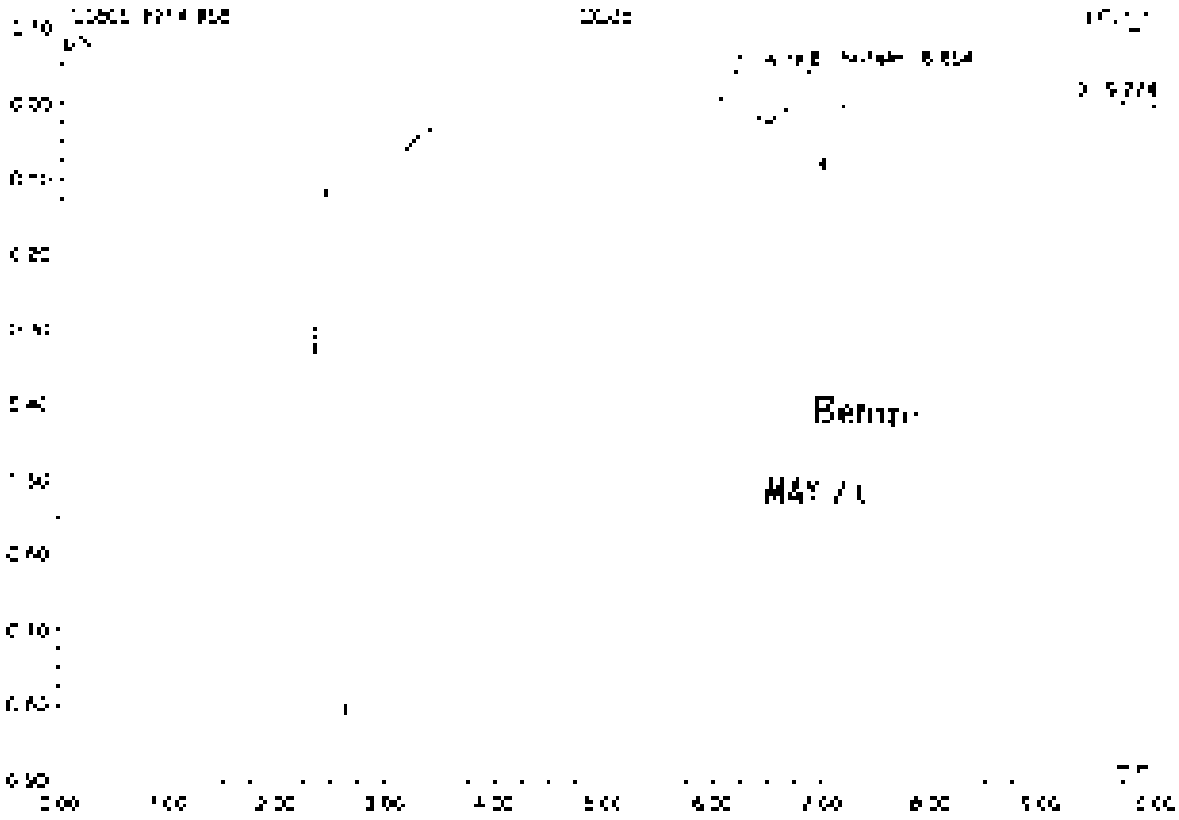
Sample Name	CCB5	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	5/18/2021 23:55	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

58 CCB5

Sample Name	CCB5	Injection Volume	25.0
Vial Number	47	Column	IEGD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	5/18/2021 23:35	Sample Weight	1.0000
Run Time (max.)	10.00	Sample Amount	1.0000



No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.12	n.a.	0.125	1.426	91.51	n.a.	BMB
2	5.85	Sulfate	0.124	0.025	1.62	0.205	BMB
3	5.27	n.a.	0.009	0.107	6.86	n.a.	BMB
Total:			0.258	1.557	100.00	0.205	

Yes No N/A

Comments

1. Holding times met for all samples analyzed? [illegible]
2. Are calibrations within upper and lower limits?
3. Were blanks free of contamination?
   a. Does ICCB blank apply?
4. Are calibration curves fit to data correctly?
5. Are all QC results within limits?
   a. Method Blanks, CCVs, CCBs, LCSs, Dups and Spikes analyzed at the proper frequency?
   b. Are CCVs and CCBs within acceptance limits?
   c. Are results for Matrix Spikes in ND?
   d. Are all QC samples within acceptance criteria? (LCSs, MSs, Dup, Spike, MPDs, etc.)
   e. Are all corrective actions taken?
6. Are all barcodes and ID numbers correct?

CAS Standard Semi-Volatile Codes and Abbreviations Footnotes for Ion Chromatograms

G1 Sample was analyzed past the end of recommended holding time. See Narrative for explanation.
G2 Sample was analyzed past holding time. Data analysis was performed within recommended holding time.
G4 Sample was received past the end of recommended holding time.
R1 High RPD. Sample is the QC. Data flag due to results are less than 5 times the RL for the QC holding time.
I MDL is elevated because of matrix interferences and the sample requires diluting.
F Sample [illegible] of analysis.

ICS	Acc. [illegible]	[illegible]	Expires [illegible]
Fluoride	True Value: 5.000ppm	[illegible]	
Chloride	True Value: 5.0ppm	[illegible]	
Nitrite	True Value: 2.500ppm	[illegible]	
Bromide	True Value: 2.0ppm	[illegible]	
Nitrate	True Value: 2.500ppm	[illegible]	
Sulfate	True Value: 5.0ppm	[illegible]	

ICV	Acc. [illegible]	[illegible]	Expires [illegible]
Fluoride	True Value: 5.0ppm	[illegible]	
Chloride	True Value: 5.0ppm	[illegible]	
Nitrite	True Value: 2.5ppm	[illegible]	
Bromide	True Value: 2.500ppm	[illegible]	
Nitrate	True Value: 2.5ppm	[illegible]	
Sulfate	True Value: 5.000ppm	[illegible]	

Spike

200 ppm	Acc. [illegible]	[illegible]	Expires [illegible]
Fluoride	[illegible]		
Chloride	[illegible]		
Nitrite	[illegible]		
Bromide	[illegible]		
Nitrate	[illegible]		
Sulfate	[illegible]		

Pipette

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	

Analyst: [illegible] Date: [illegible]

Final Review: [illegible] Date: [illegible]

Peer Review: [illegible] Date: [illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Testcode: [illegible]

Lab Code	Target Analyte	QC	Parent/Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	PQL	% Rec	% RPD	Date Analyzed	QC?	Tag
[illegible]	[illegible]	N/A		Surface Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	N/A		Surface Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	N/A		Surface Water	[illegible]	Std	[illegible]	50	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	N/A		Surface Water	[illegible]	Std	[illegible]	50	1	10			[illegible]	N	IV
[illegible]	[illegible]	N/A		Surface Water	[illegible]	Std	[illegible]	50	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	N/A		Surface Water	[illegible]	Std	[illegible]	50	1	10			[illegible]	N	IV
[illegible]	[illegible]	N/A		Water	[illegible]	Std	[illegible]	2	[illegible]	5			[illegible]	N	II
[illegible]	[illegible]	N/A		Water	[illegible]	Std	[illegible]	2	[illegible]	2			[illegible]	N	II
[illegible]	[illegible]	N/A		Water	[illegible]	Std	[illegible]	2	[illegible]	2			[illegible]	N	II
[illegible]	[illegible]	N/A		Water	[illegible]	Std	[illegible]	2	[illegible]	2			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	6			[illegible]	N	III
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	6			[illegible]	N	III
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	6			[illegible]	N	III
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	6			[illegible]	N	III
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	6			[illegible]	N	III
[illegible]	[illegible]	N/A		Surface Water	[illegible]	Std	[illegible]	2	[illegible]	6			[illegible]	N	III
[illegible]	[illegible]	N/A		Surface Water	[illegible]	Std	[illegible]	2	[illegible]	6			[illegible]	N	III
[illegible]	[illegible]	N/A		Surface Water	[illegible]	Std	[illegible]	2	[illegible]	6			[illegible]	N	III
[illegible]	[illegible]	N/A		Surface Water	[illegible]	Std	[illegible]	2	[illegible]	6			[illegible]	N	III
[illegible]	[illegible]	N/A		Water	[illegible]	Std	[illegible]	2	[illegible]	2			[illegible]	N	IV
[illegible]	[illegible]	N/A		Water	[illegible]	Std	[illegible]	2	[illegible]	2			[illegible]	N	IV
[illegible]	[illegible]	N/A		Water	[illegible]	Std	[illegible]	2	[illegible]	2			[illegible]	N	IV
[illegible]	[illegible]	N/A		Water	[illegible]	Std	[illegible]	2	[illegible]	4			[illegible]	N	IV
[illegible]	[illegible]	N/A		Water	[illegible]	Std	[illegible]	2	[illegible]	2			[illegible]	N	IV
[illegible]	[illegible]	N/A		Water	[illegible]	Std	[illegible]	2	[illegible]	4			[illegible]	N	IV
[illegible]	[illegible]	N/A		Water	[illegible]	Std	[illegible]	2	[illegible]	0.2			[illegible]	N	IV
[illegible]	[illegible]	N/A		Water	[illegible]	Std	[illegible]	2	[illegible]	0.2			[illegible]	N	IV
[illegible]	[illegible]	N/A		Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	IV

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lab: [illegible] Method Template: [illegible]

Lab Sample	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt	Dilution Result	DF	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Error
[illegible]	Sulfate	N/A		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Chloride, Dissolved	N/A		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Chloride, Dissolved	N/A		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Chloride, Dissolved	N/A		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Sulfate	N/A		Ground Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Chloride	N/A		Ground Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Sulfate	N/A		Ground Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Nitrate as Nitrogen	N/A		Ground Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Sulfate	N/A		Ground Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Sulfate	N/A		Ground Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Sulfate	N/A		Ground Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Chloride	N/A		Ground Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Nitrate as Nitrogen	N/A		Ground Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Sulfate	N/A		Ground Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Nitrate as Nitrogen	N/A		Ground Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Sulfate	N/A		Ground Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Chloride	N/A		Ground Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Nitrate as Nitrogen	N/A		Ground Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Sulfate	N/A		Ground Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Chloride	N/A		Ground Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Nitrate as Nitrogen	N/A		Ground Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Sulfate	N/A		Ground Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Chloride	N/A		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Chloride	N/A		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Chloride	N/A		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	Nitrate as Nitrogen	N/A		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]

[illegible]

[illegible]

Analytical Results Summary

Internal Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method/Protocol: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	DF	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Det
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	D

Analytical Results Summary

Department Name: [illegible] Analyst: KAMBOWS Analysis Lot: [illegible] Method Testcode: [illegible]

Lab Code	Parameter/Analyte	Qlf	Parent Sample	Matrix	Raw Result	Sample Size	Final Result	Dil	MDL	PQL	Qualifier	Comment	Date Analyzed	QC?	Type
[illegible]	Sulfate	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Testcode: [illegible]

Lab Code	Target Analyte	QL	Dental Sample	Status	Raw Result	Sample Amt.	Final Result	DF	MDL	PQL	[illegible]	[illegible]	Date Analyzed	QC *	Rep
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	1

* [illegible]

Analytical Results Summary

Environmental Name: [illegible] Analyte: [illegible] Analysis Lot: [illegible] Method Testmode: [illegible]

Lab Code	Target Analyte	Qs	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Lev
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
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[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
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[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Textcode: [illegible]

Lab Code	Target Analyte	SIS	Parent Sample	Matrix	Raw Result	Sample Size	Final Result	Dil	MDL	PQL	Qualifier	% RSD	Date Analyzed	QC?	Tier
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Testcode: [illegible]

Lab Code	Batch Analyte	DF	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	DF	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Dil
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
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[illegible]

Analytical Results Summary

Treatment Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Template: [illegible]

Lab Sample	Parent Analyte	QL	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	DL?	Lvl
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
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[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Reference: [illegible]

Lab Code	Target Analyte	LR	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DF	MDL	PQL	% Rec	Qualifier	Date Analyzed	QC?	Tag
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Textcode: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	RDL	% Rec	% RsD	Date Analyzed	QC?	Line
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]

Title
Description [illegible]
Location [illegible]
Timetable [illegible]
#Samples [illegible]
Created [illegible]
Last Update [illegible]

No.	Name	Type	Pos.	Inj. Vol.	Program	Method	Status	Inj. Date/Time
1	STD-LVL1	Standard	1	25.0	epa300	epa300	Finished	[illegible]
2	STD-LVL2	Standard	2	25.0	epa300	epa300	Finished	[illegible]
3	STD-LVL3	Standard	3	25.0	epa300	epa300	Finished	[illegible]
4	STD-LVL4	Standard	4	25.0	epa300	epa300	Finished	[illegible]
5	STD-LVL5	Standard	5	25.0	epa300	epa300	Finished	[illegible]
6	STD-LVL6	Standard	6	25.0	epa300	epa300	Finished	[illegible]
7	STD-LVL7	Standard	7	25.0	epa300	epa300	Finished	[illegible]
8	STD-LVL8	Standard	8	25.0	epa300	epa300	Finished	[illegible]
9	CCV1	Unknown	45	25.0	epa300	epa300	Finished	[illegible]
10	CCB1	Unknown	47	25.0	epa300	epa300	Finished	[illegible]
11	LCS1	Unknown	2	25.0	epa300	epa300	Finished	[illegible]
12	MB1	Unknown	1	25.0	epa300	epa300	Finished	[illegible]
13	K210[illegible]-001	Unknown	3	25.0	epa300	epa300	Finished	[illegible]
14	K210[illegible]-001D	Unknown	4	25.0	epa300	epa300	Finished	[illegible]
15	K210[illegible]-001S	Unknown	5	25.0	epa300	epa300	Finished	[illegible]
16	K210[illegible]-001SD	Unknown	6	25.0	epa300	epa300	Finished	[illegible]
17	K210[illegible]-006	Unknown	8	25.0	epa300	epa300	Finished	[illegible]
18	K210[illegible]-008	Unknown	9	25.0	epa300	epa300	Finished	[illegible]
19	K210[illegible]-002	Unknown	11	25.0	epa300	epa300	Finished	[illegible]
20	K210[illegible]-002	Unknown	12	25.0	epa300	epa300	Finished	[illegible]
21	CCV2	Unknown	48	25.0	epa300	epa300	Finished	[illegible]
22	CCB2	Unknown	49	25.0	epa300	epa300	Finished	[illegible]
23	K210[illegible]-001	Unknown	14	25.0	epa300	epa300	Finished	[illegible]
24	K210[illegible]-001D	Unknown	13	25.0	epa300	epa300	Finished	[illegible]
25	K210[illegible]-001S	Unknown	15	25.0	epa300	epa300	Finished	[illegible]
26	K210[illegible]-001SD	Unknown	16	25.0	epa300	epa300	Finished	[illegible]
27	K210[illegible]-001	Unknown	18	25.0	epa300	epa300	Finished	[illegible]
28	K210[illegible]-001	Unknown	19	25.0	epa300	epa300	Finished	[illegible]
29	K210[illegible]-002	Unknown	17	25.0	epa300	epa300	Finished	[illegible]
30	K210[illegible]-001	Unknown	18	25.0	epa300	epa300	Finished	[illegible]
31	K210[illegible]-001	Unknown	19	25.0	epa300	epa300	Finished	[illegible]
32	K210[illegible]-001D	Unknown	20	25.0	epa300	epa300	Finished	[illegible]
33	CCV3	Unknown	46	25.0	epa300	epa300	Finished	[illegible]
34	CCB3	Unknown	47	25.0	epa300	epa300	Finished	[illegible]
35	K210[illegible]-001	Unknown	21	25.0	epa300	epa300	Finished	[illegible]
36	K210[illegible]-001S	Unknown	22	25.0	epa300	epa300	Finished	[illegible]
37	K210[illegible]-001	Unknown	23	25.0	epa300	epa300	Finished	[illegible]
38	K210[illegible]-001	Unknown	24	25.0	epa300	epa300	Finished	[illegible]
39	K210[illegible]-002	Unknown	25	25.0	epa300	epa300	Finished	[illegible]
40	K210[illegible]-003	Unknown	26	25.0	epa300	epa300	Finished	[illegible]
41	K210[illegible]-001	Unknown	27	25.0	epa300	epa300	Finished	[illegible]
42	K210[illegible]-002	Unknown	28	25.0	epa300	epa300	Finished	[illegible]

Freq
Datamodule [illegible]
Locator [illegible]
Trigger [illegible]
Observations [illegible]
Created [illegible] by [illegible]
Last Update [illegible] by [illegible]

No	Name	Di	Lower	Comment
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2	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]
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16	[illegible]	[illegible]	[illegible]	
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28	[illegible]	[illegible]	[illegible]	
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31	[illegible]	[illegible]	[illegible]	
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41	[illegible]	[illegible]	[illegible]	
42	[illegible]	[illegible]	[illegible]	

[illegible] Corporation [illegible]

Title
Instrument [illegible]
Location [illegible]
Timebase [illegible]
#Samples [illegible]
Created [illegible]
Updated [illegible]

No	Name	Type	Pos	Vial	Program	Method	Status	Injection Time
43	[illegible]	Unknown	29	[illegible]	[illegible]	[illegible]	Finished	[illegible]
44	[illegible]	Unknown	30	[illegible]	[illegible]	[illegible]	Finished	[illegible]
45	[illegible]	Unknown	46	[illegible]	[illegible]	[illegible]	Finished	[illegible]
46	[illegible]	Unknown	49	[illegible]	[illegible]	[illegible]	Finished	[illegible]
47	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
48	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
49	[illegible]	Unknown	32	[illegible]	[illegible]	[illegible]	Finished	[illegible]
50	[illegible]	Unknown	2	[illegible]	[illegible]	[illegible]	Finished	[illegible]
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53	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
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58	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
59	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
60	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
61	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
62	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
63	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
64	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
65	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
66	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
67	[illegible]	Unknown	1	[illegible]	[illegible]	[illegible]	Finished	[illegible]
68	[illegible]	Unknown	4	[illegible]	[illegible]	[illegible]	Finished	[illegible]
69	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
70	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
71	[illegible]	Unknown	5	[illegible]	[illegible]	[illegible]	Finished	[illegible]
72	[illegible]	Unknown	6	[illegible]	[illegible]	[illegible]	Finished	[illegible]
73	[illegible]	Unknown	7	[illegible]	[illegible]	[illegible]	Finished	[illegible]
74	[illegible]	Unknown	8	[illegible]	[illegible]	[illegible]	Finished	[illegible]
75	[illegible]	Unknown	9	[illegible]	[illegible]	[illegible]	Finished	[illegible]
76	[illegible]	Unknown	10	[illegible]	[illegible]	[illegible]	Finished	[illegible]
77	[illegible]	Unknown	11	[illegible]	[illegible]	[illegible]	Finished	[illegible]
78	[illegible]	Unknown	12	[illegible]	[illegible]	[illegible]	Finished	[illegible]
79	[illegible]	Unknown	13	[illegible]	[illegible]	[illegible]	Finished	[illegible]
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81	[illegible]	Unknown	45	[illegible]	[illegible]	[illegible]	Finished	[illegible]
82	[illegible]	Unknown	47	[illegible]	[illegible]	[illegible]	Finished	[illegible]
83	[illegible]	Unknown	15	[illegible]	[illegible]	[illegible]	Finished	[illegible]
84	[illegible]	Unknown	16	[illegible]	[illegible]	[illegible]	Finished	[illegible]

Title:
Description: [illegible]
Location: [illegible]
Timebase: 4.00
Filter/Smooth: 99
Channel: [illegible]
Last Update: [illegible] By [illegible]

No	Name	Div Factor	Comment
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44	[illegible]	2.0000	
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56	[illegible]	10.0000	
57	[illegible]	1.0000	
58	[illegible]	1.0000	
59	[illegible]	200.0000	
60	[illegible]	2.0000	
61	[illegible]	2.0000	
62	[illegible]	4.0000	
63	[illegible]	4.0000	
64	[illegible]	2.0000	
65	[illegible]	2.0000	
66	[illegible]	2.0000	
67	[illegible]	2.0000	
68	[illegible]	2.0000	
69	[illegible]	1.0000	
70	[illegible]	1.0000	
71	[illegible]	2.5000	
72	[illegible]	2.0000	
73	[illegible]	2.5000	
74	[illegible]	2.0000	
75	[illegible]	2.5000	
76	[illegible]	4.0000	
77	[illegible]	4.0000	
78	[illegible]	2.0000	
79	[illegible]	2.0000	
80	[illegible]	2.0000	
81	[illegible]	1.0000	
82	[illegible]	1.0000	
83	[illegible]	2.0000	
84	[illegible]	4.0000	

Title:
Description: [illegible]
Location: [illegible]
Timebase: [illegible]
#Samples: [illegible]
Created: [illegible]
Last Modified: [illegible]

No.	Name	Type	Port	Freq.	Vol.	Program	Method	Status	Date/Time
85	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
86	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
87	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
88	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
89	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
90	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
91	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
92	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
93	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
94	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
95	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
96	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
97	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
98	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
99	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]

Time
Delineation [illegible]
Location [illegible]
Timestamp [illegible]
#Samples [illegible]

Created [illegible]
Last Update [illegible]

No	Name	Bin Value	Comment
85	[illegible]	[illegible]	
86	[illegible]	[illegible]	
87	[illegible]	[illegible]	
88	[illegible]	[illegible]	
89	[illegible]	[illegible]	
90	[illegible]	[illegible]	
91	[illegible]	[illegible]	
92	[illegible]	[illegible]	
93	[illegible]	[illegible]	
94	[illegible]	[illegible]	
95	[illegible]	[illegible]	
96	[illegible]	[illegible]	
97	[illegible]	[illegible]	
98	[illegible]	[illegible]	
99	[illegible]	[illegible]	

Chromeleon © Dionex Corporation [illegible]

	CONDS2021					

Sample Number	Observation Time	Anion	Cl	NO_2^-	Br	NO_3^-	SO_4^-	Adj Cl	Total Cl	Recovery	Date

Service Rendered	Date	Action	1st Dir	Bag pd	Recovery	Date

ALSENVIRONMENTAL, INC.

Ion Chromatograph Calibration Data

Sequence: [illegible]

Date: [illegible]

Analyte	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Corr.Coeff.	Slope	Residuals
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9905	0.271	
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9262	0.1726	
NO2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9772	0.3583	
Br	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9979	0.0712	
NO3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9504	0.4239	
SO4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9939	0.1211	
									99.971	0.1773	

[illegible]

No.	Peak Name	Lev.	Type	#Points	Rel.Std.Dev. %	Corr.Coeff. %	Offset	Slope	Curve
1	Fluoride	Lin		8	1.3906	99.9905	0	0.271	0
2	Chloride	Lin		8	1.2234	99.9262	0	0.1726	0
3	Nitrite	Lin		8	1.7763	99.9772	0	0.3583	0
4	Bromide	Lin		8	0.5314	99.9979	0	0.0712	0
5	Nitrate	Lin		8	2.6061	99.9504	0	0.4239	0
6	Sulfate	Lin		8	1.4998	99.9939	0	0.1211	0
Average:				8	1.7463	99.971	0	0.1773	0

0.5mL		10mL		50.00 mL Base
[illegible]	50ppm [illegible]	0.50ppm	[illegible]	

[illegible]

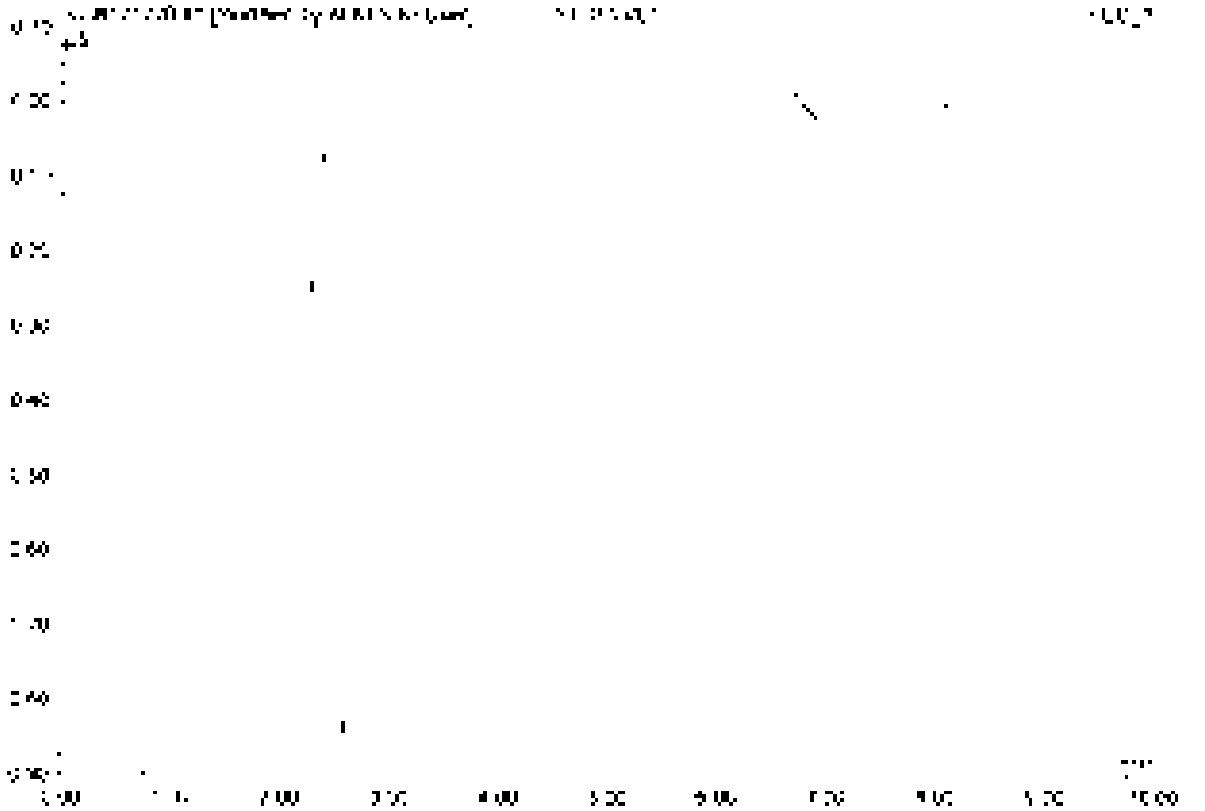
	STD2	STD3	STD4	STD5	STD6	STD7	STD8	STD9
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SO4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DIR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

1 STD1/LVL1

CH

Sample Name	STD1/LVL1	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	12/17/2020 14:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

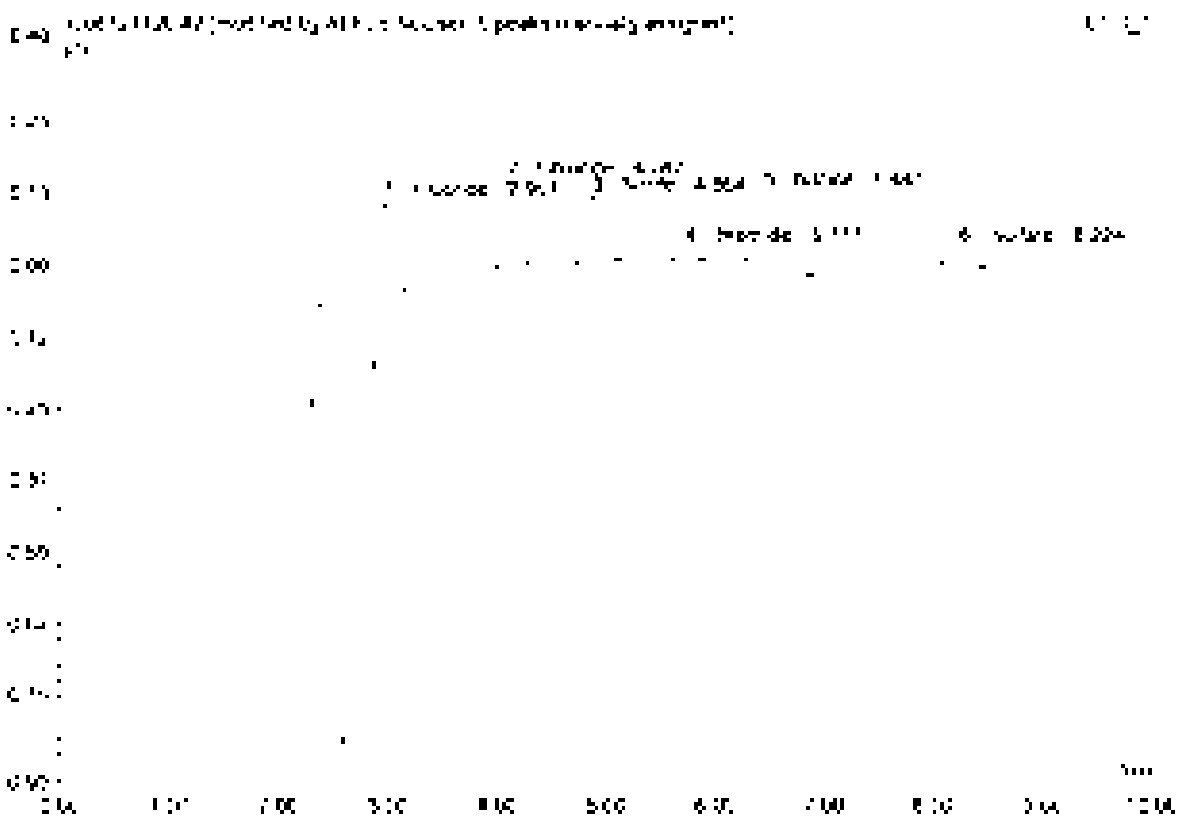


No.	RM.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total			0.000	0.000	0.00	0.000	

2 STD2/LVL2

19-GEN-05-95-C

Sample Name:	STD2/LVL2	Injection Volume:	25.0
Vial Number:	2	Channel:	ECD 1
Sample Type:	standard	Wavelength:	n.a.
Method Original:	epa300	Bandwidth:	n.a.
Method Name:	epa300	Dilution Factor:	1.0000
Recording Time:	12/17/2020 14:26	Sample Weight:	1.0000
Run Time (min):	10.00	Sample Amount:	1.0000

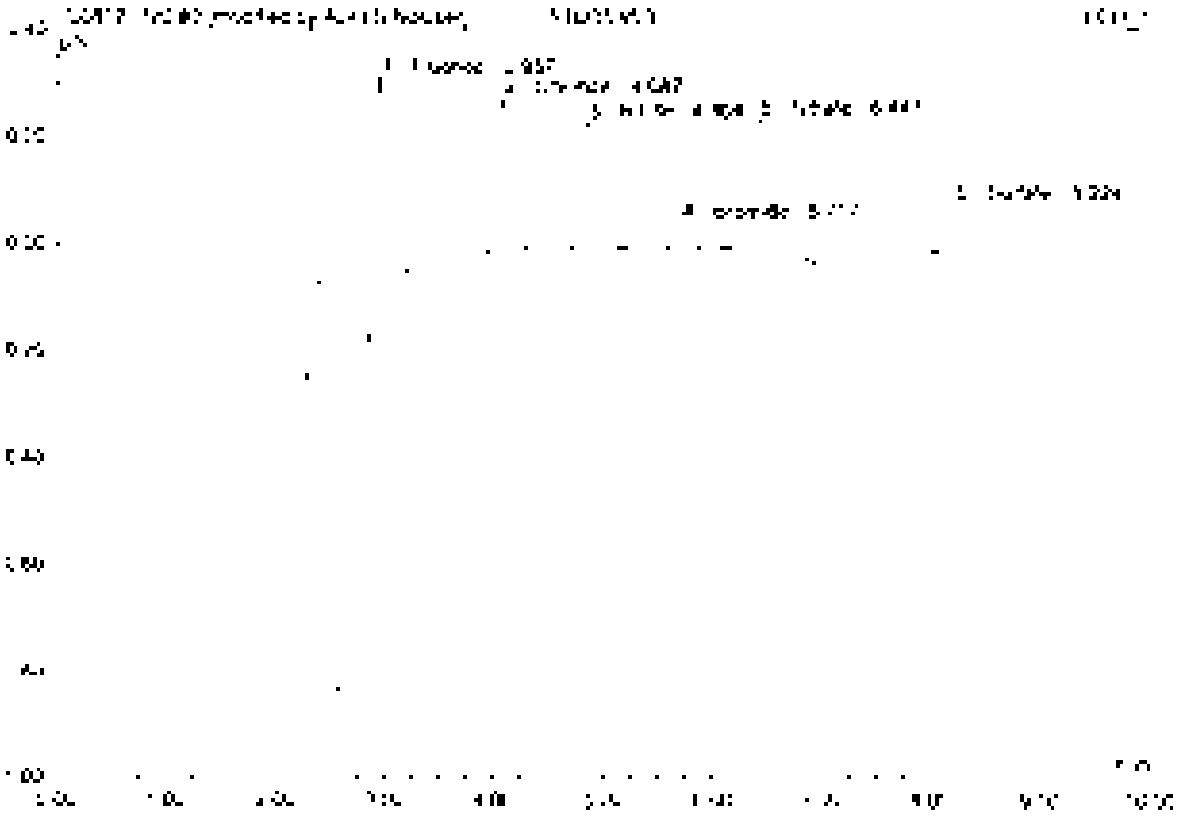


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	0.248	0.032	30.01	0.116	BV B*
2	4.09	Chloride	0.151	0.017	16.45	0.100	BV B*
3	4.85	Nitrite	0.116	0.017	16.57	0.045	BMB*
4	5.72	Bromide	0.074	0.003	3.27	0.048	BVB*
5	6.44	Nitrate	0.137	0.029	27.25	0.062	BVB*
6	8.77	Sulfate	0.033	0.007	6.44	0.056	BVB*
Total:			0.760	0.105	100.00	0.437	

3 STD3/LVL3

19-GEN-05-95-0

Sample Name	STD3/LVL3	Injection Volume	25.0
Inj Number	3	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recovery Time	12/17/2020 14:30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

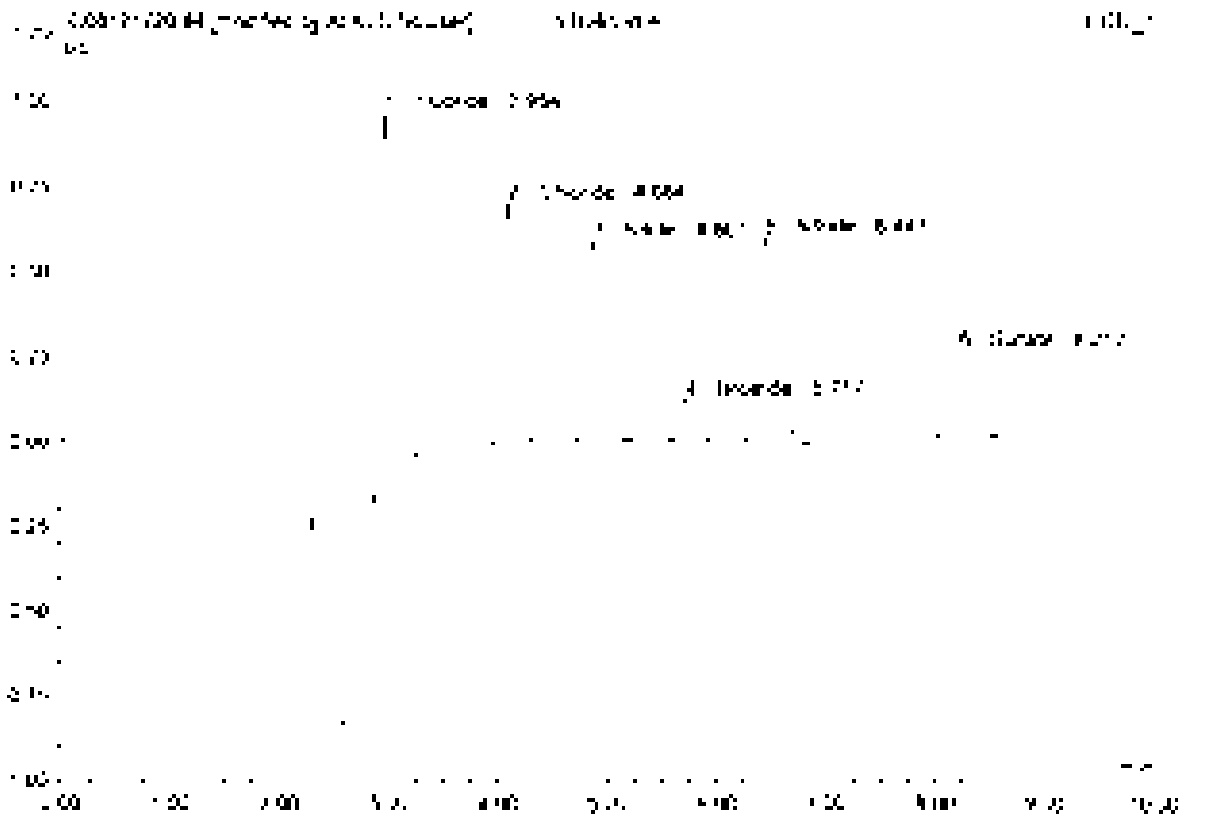


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	0.455	0.055	27.59	0.224	BV B*
2	4.09	Chloride	0.286	0.033	16.23	0.189	BMB
3	4.85	Nitrite	0.237	0.035	17.84	0.130	BMB
4	5.72	Bromide	0.048	0.007	3.53	0.039	BV B*
5	6.44	Nitrate	0.253	0.051	25.34	0.120	BV B*
6	8.22	Sulfate	0.090	0.019	9.51	0.153	BV B
Total:			1.372	0.201	100.00	0.869	

4 STD4LVL4

19-GEN-05-95-E

Sample Name	STD4LVL4	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	12/17/2020 14:40	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

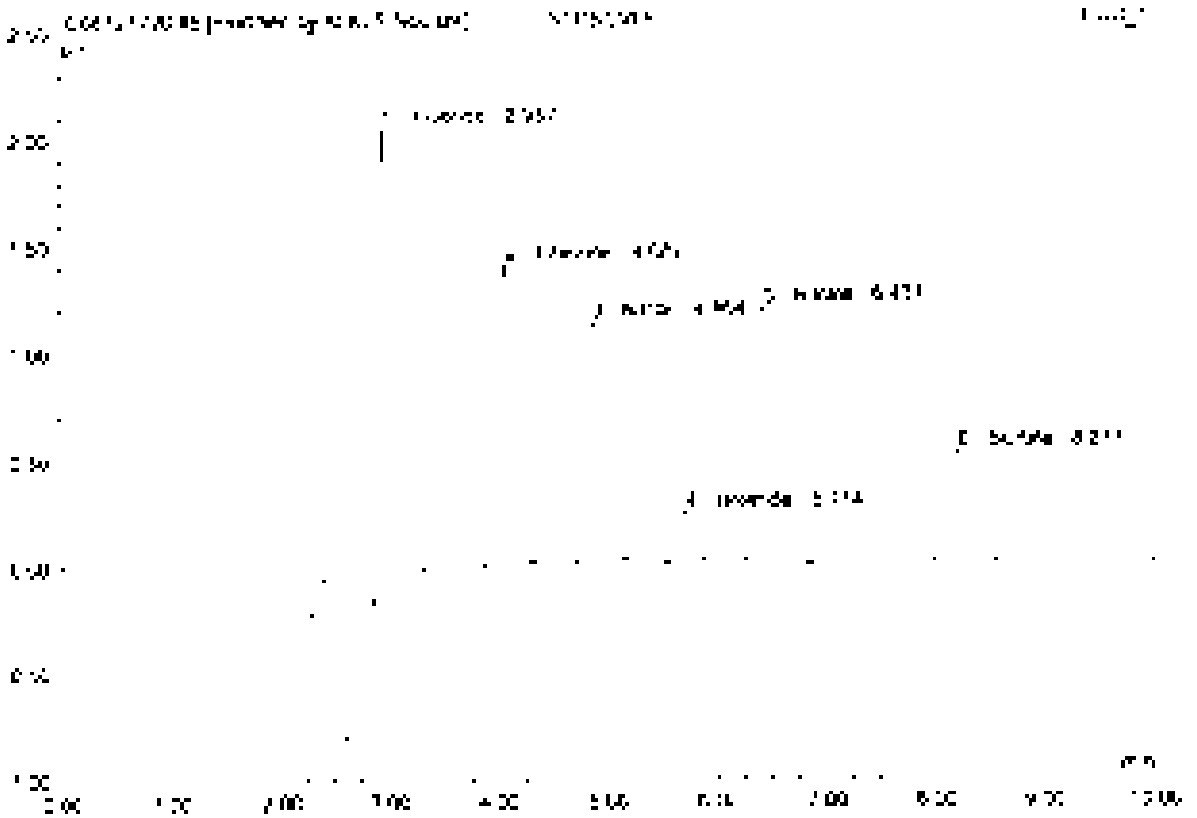


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	[illegible]	[illegible]	[illegible]	0.491	BV*B*
2	4.08	Chloride	[illegible]	0.080	16.50	0.462	BV*B*
3	4.85	Nitrite	0.501	0.059	12.31	0.247	BV*B
4	5.72	Bromide	0.120	0.018	3.68	0.250	BV*B*
5	6.44	Nitrate	[illegible]	[illegible]	22.00	0.251	BV*B*
6	8.22	Sulfate	0.255	0.056	12.00	0.479	BV*B
Total:			3.396	0.454	100.00	2.180	

5 STD5/LVL5

19-GEN-05-95-F

Sample Name	STD5/LVL5	Injection Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	12/17/2020 15:01	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

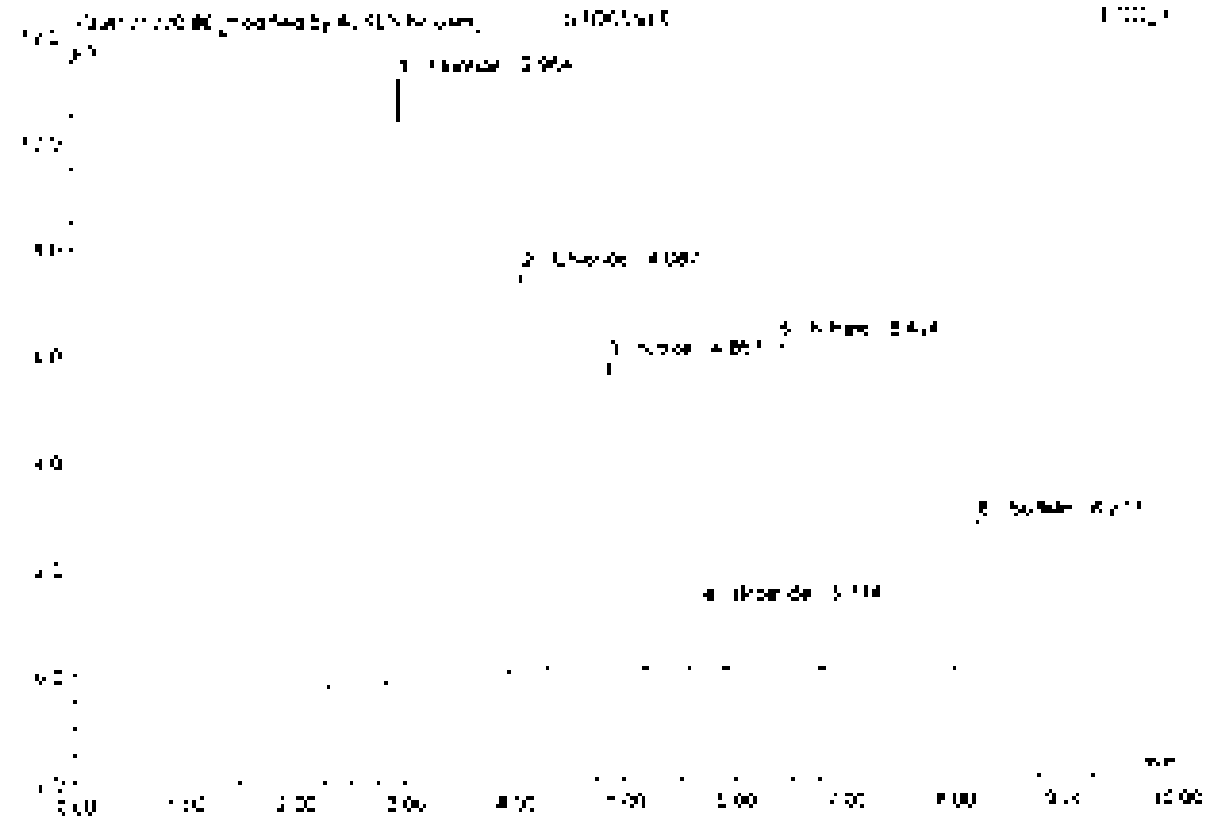


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	2.202	0.203	2.96	0.971	BV B*
2	4.09	Chloride	1.404	0.158	16.79	0.913	BV U*
3	4.86	Nitrite	1.125	0.169	17.95	0.472	BV U
4	5.71	Bromide	0.234	0.036	3.82	0.479	BV B*
5	5.44	Nitrate	1.197	0.205	21.79	0.483	BV B*
6	9.22	Sulfate	0.512	0.113	11.97	0.930	BV B*
Total:			6.675	0.941	100.00	4.248	

6 STD6/LVL6

19-GEN-05-95-G

Sample Name	STD6/LVL6	Injection Volume	35.0
Vial Number	6	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	12/17/2020 15:12	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	17.344	1.317	27.32	4.905	BMB
2	4.09	Chloride	7.613	0.832	17.12	4.818	BMB
3	4.87	Nitrite	5.835	0.877	18.05	2.448	BMB
4	5.77	Bromide	1.206	0.178	3.65	2.495	BMB
5	5.42	Nitrate	6.756	1.028	21.16	2.425	BMB
6	8.22	Sulfate	7.788	0.607	12.49	5.0[illegible]	BMB
Total:			34.809	4.858	100.00	27.136	

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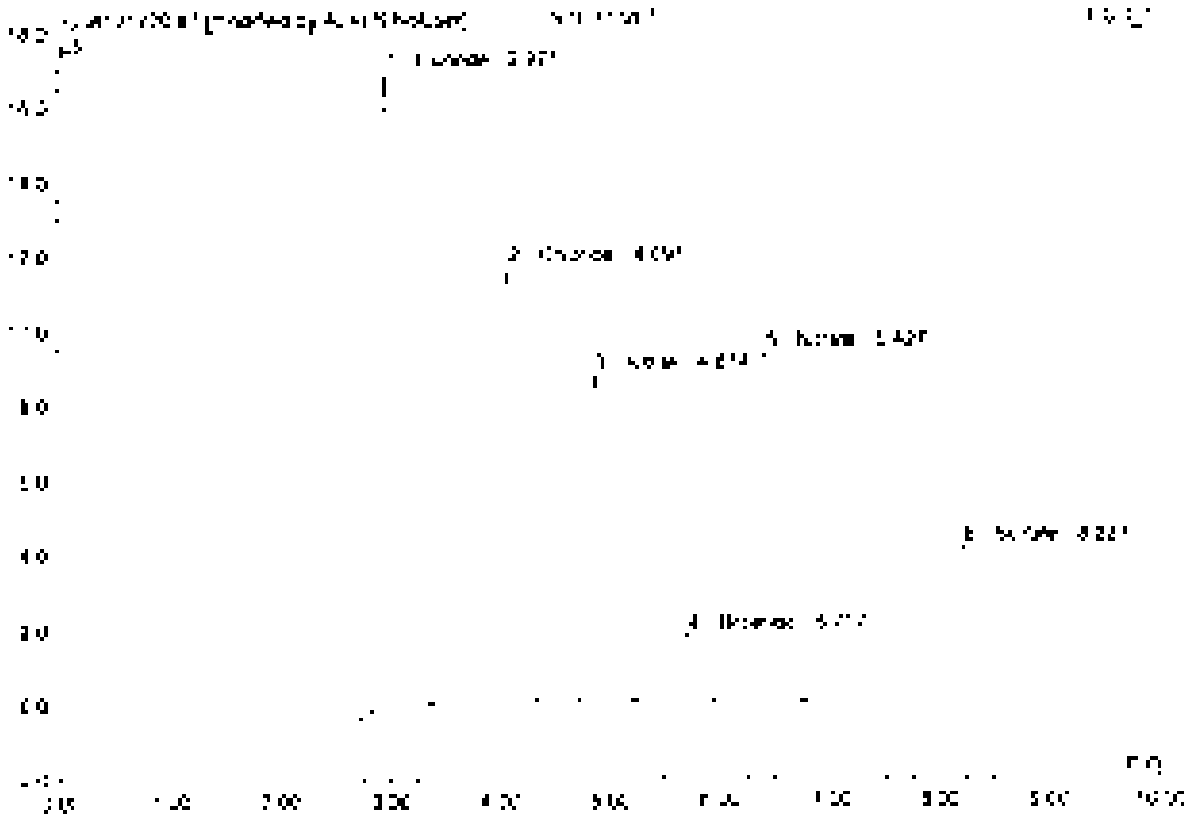
Version 6.50 SR1 Build 3102 (1962/5)

7 STD7/LVL7

19-GEN-05-95-H

Sample Name	STD7/LVL7	Injection Volume	35.0
Vial Number	7	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	12/17/2020 15:24	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

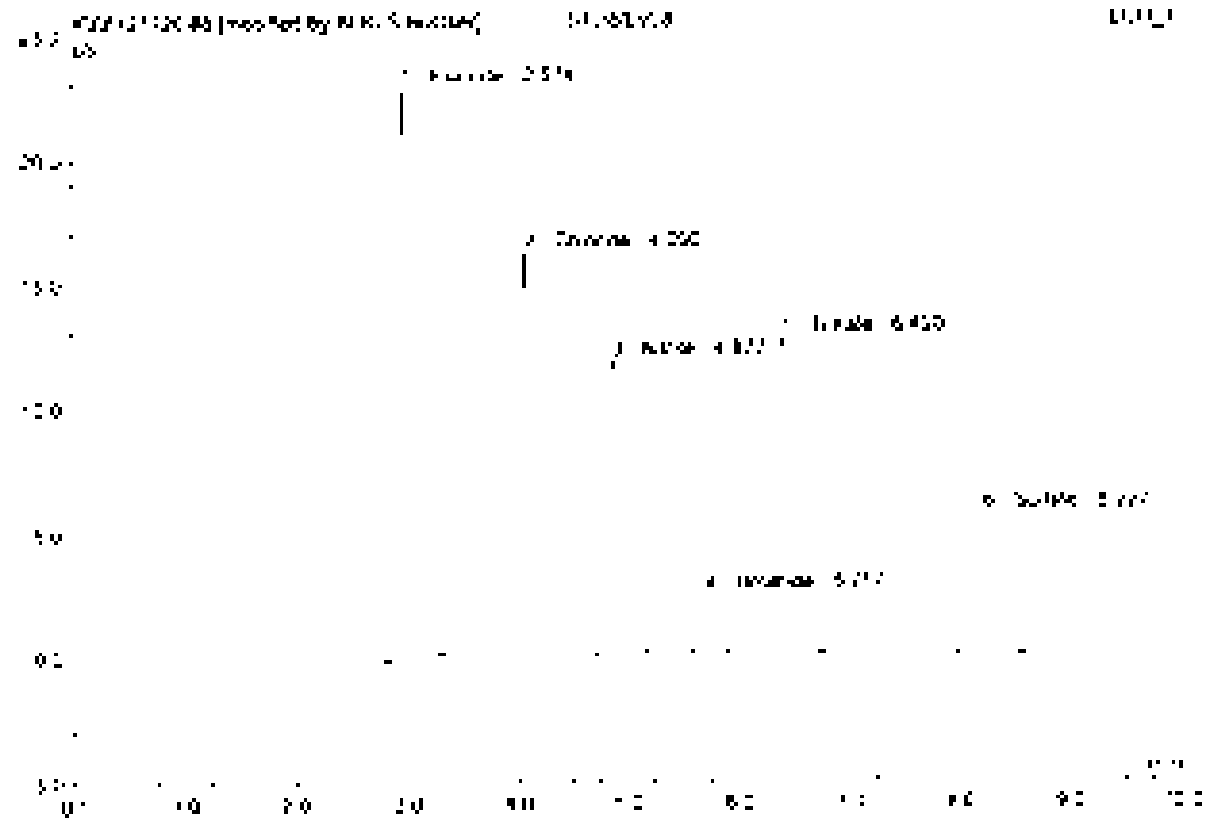


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.87	Fluoride	[illegible]	[illegible]	27.42	[illegible]	BMB*
2	4.59	Chloride	[illegible]	[illegible]	17.35	[illegible]	BMB*
3	4.87	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]	BMB*
4	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	BMB
5	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
6	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB*
Total:			[illegible]	[illegible]	100.00	[illegible]	

8 STD8/LVL8

19-GEN-05-95-I

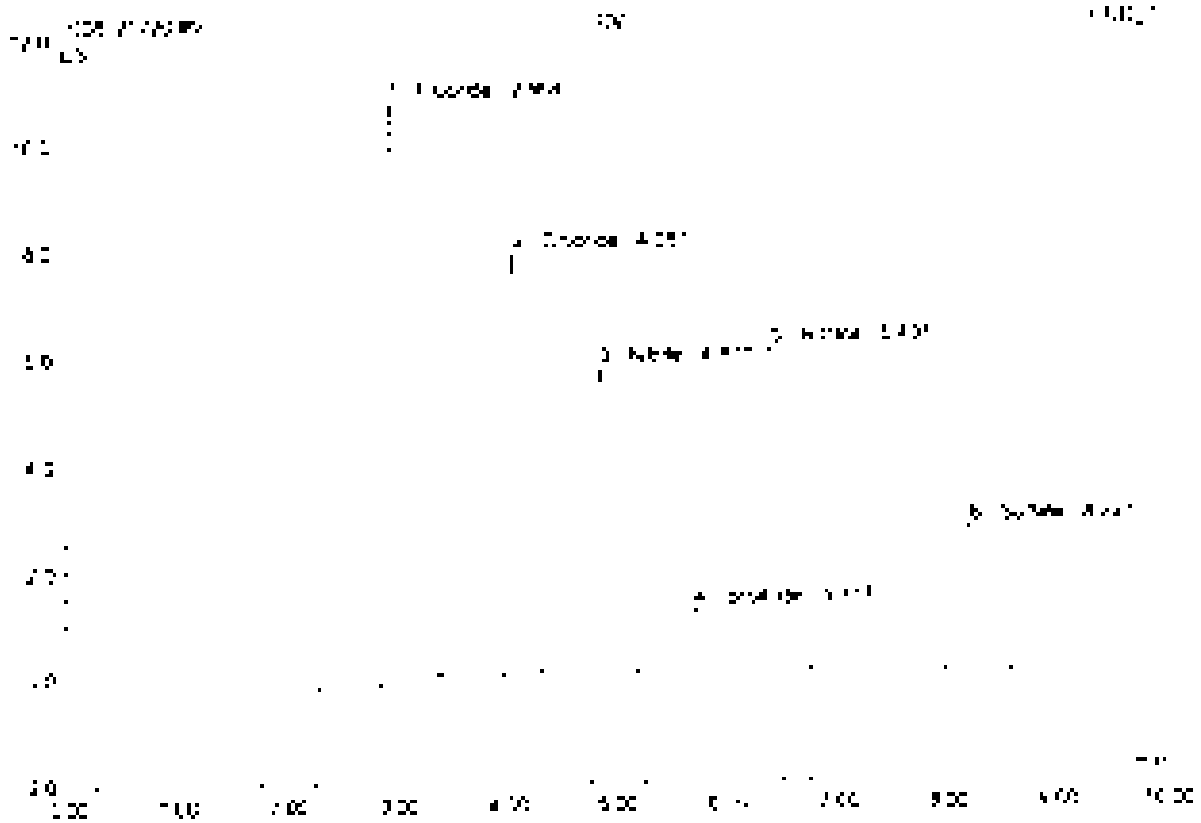
Sample Name	STD8/LVL8	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	12/17/2020 15:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.97	Fluoride	20 003	2 725	27 23	10 096	BMB*
2	4.09	Chloride	16 192	1 752	17 50	10 169	BMB
3	4.68	Nitrite	11 813	1 807	18 05	5 042	BMB
4	5.72	Phosphate	2 496	0.356	3 56	5 002	BMB*
5	6.42	Nitrate	12 730	2 147	21 46	5 066	BMB
6	9.23	Sulfate	5 659	1 218	12 17	10 052	BMB*
Total:			71 833	10 007	100 00	45 378	

9 ICV

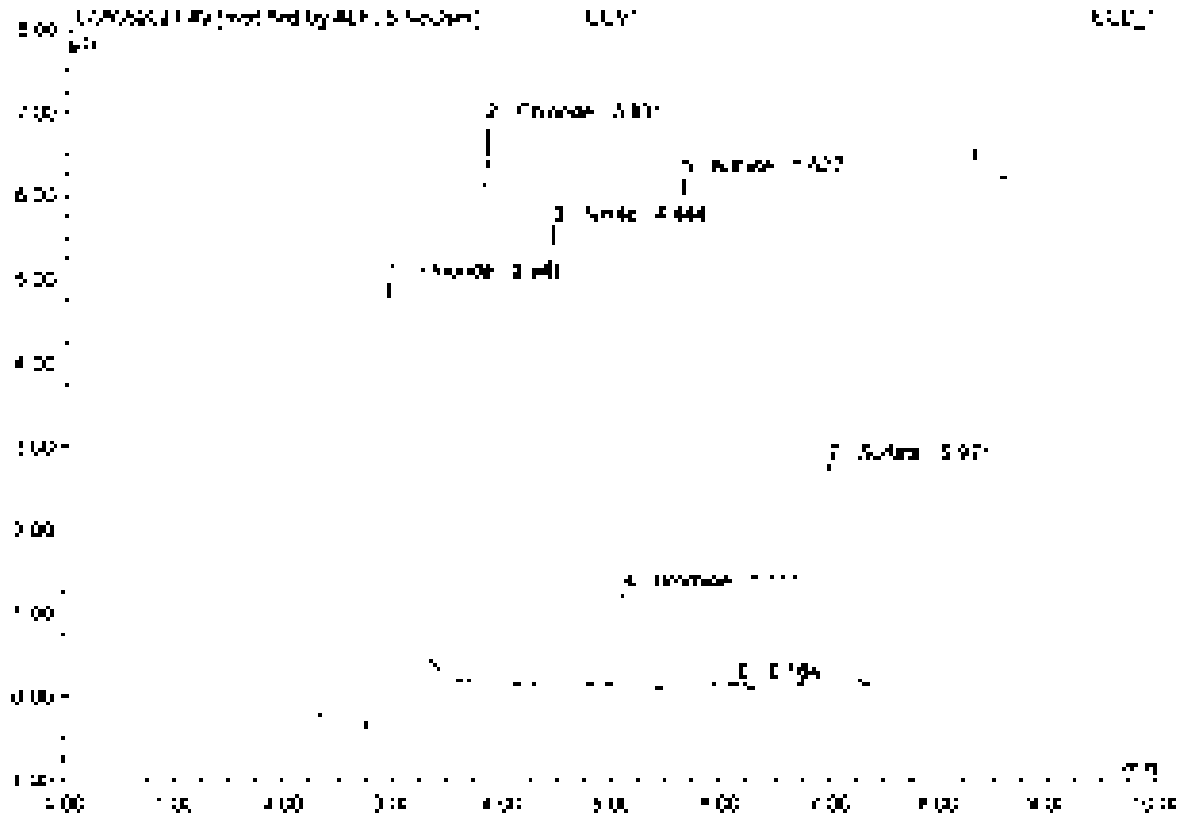
Sample Name	ICV	Injection Volume	25.0
Vial Number	11	Channel	ECD [illegible]
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	12/17/2020 16:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	[illegible]	[illegible]	26.79	[illegible]	BVA
2	4.39	Chloride	7.597	0.872	18.13	5.050	BVB
3	4.87	Nitrite	[illegible]	0.851	[illegible]	2.404	BVB
4	5.72	Bromide	[illegible]	[illegible]	3.66	2.454	BVD
5	6.43	Nitrate	6.680	[illegible]	21.1[illegible]	2.395	BMB
6	8.29	Sulfate	2.731	0.598	12.42	4.534	BMB
Total:			34.573	4.570	100.00	22.002	

9 CCV1

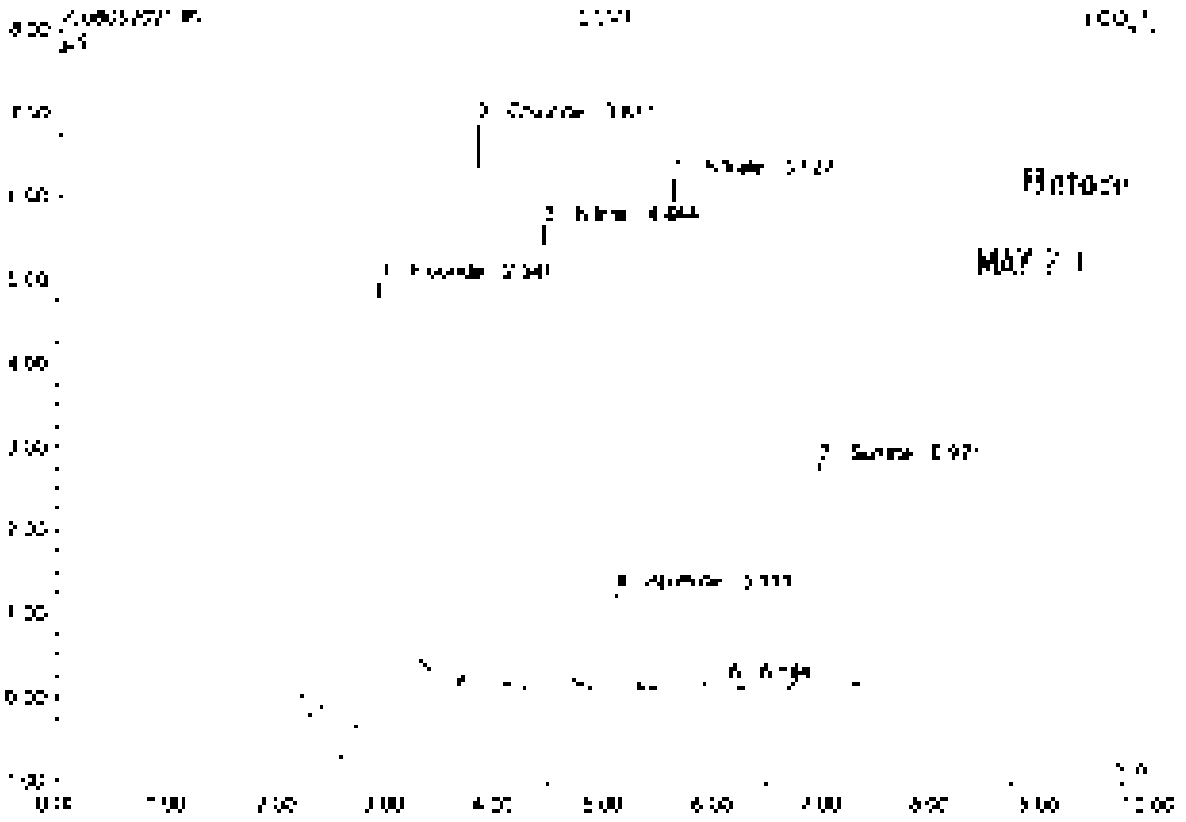
Sample Name	CCV1	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Chroma Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	5/20/2021 10:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	5.272	1.186	25.15	4.362	BMB*
2	3.83	Chloride	6.708	0.797	17.57	4.601	BMB*
3	4.44	Nitrite	5.535	0.873	19.15	2.453	BMB
4	5.11	Bromide	1.147	0.168	3.70	2.370	BMB
5	5.63	Nitrate	6.111	0.984	21.63	2.339	BMB
6	6.15	n.a.	0.045	0.007	0.15	n.a.	BMB
7	5.97	Sulfate	2.661	0.576	12.63	8.994	BMB
Total:			27.431	4.549	100.00	26.069	

9 CCV1

Sample Name	CCV1	Injection Volume	25.0
Vial Number	48	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	5/20/2021 10:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



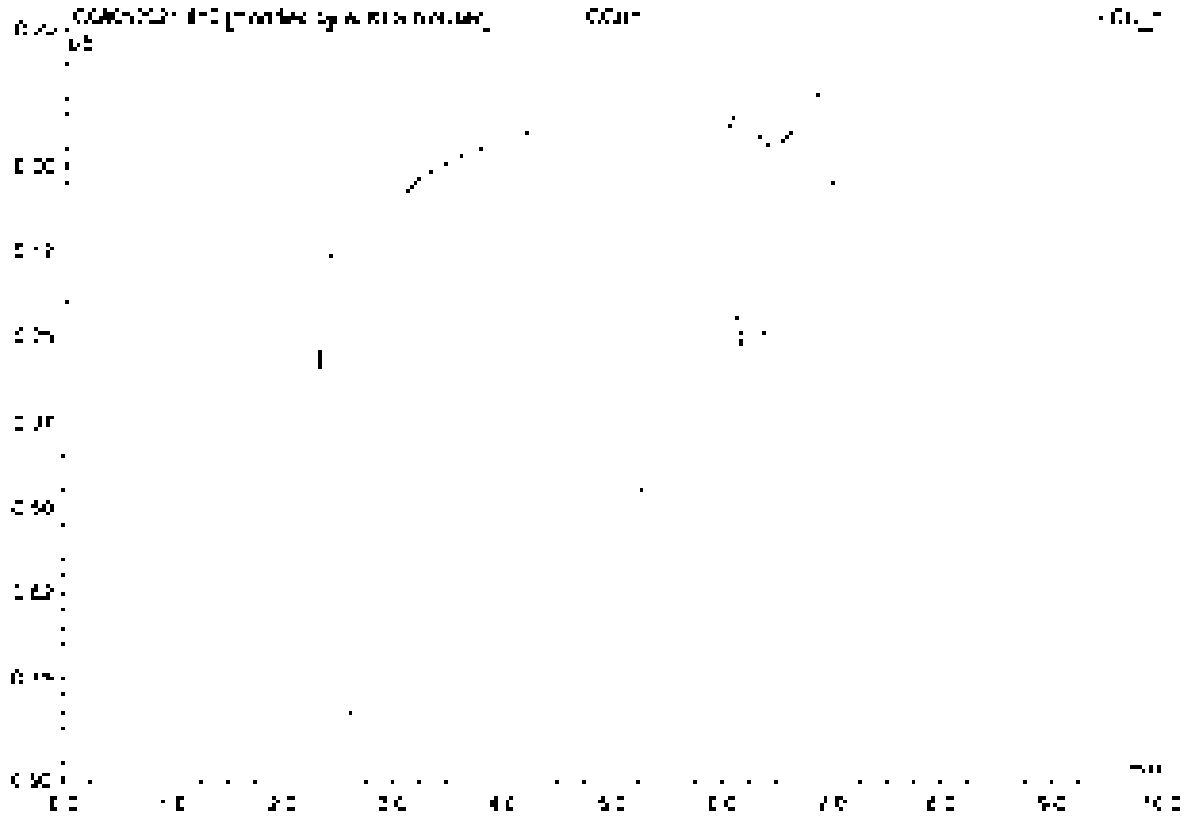
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	5.241	1.184	25.92	4.710	BMB
2	3.50	Chloride	6.708	0.797	17.37	4.661	bMB
3	4.44	Nitrite	5.508	0.870	18.03	2.450	BMB
4	5.11	Bromide	1.747	0.168	3.67	2.370	BMB
5	5.63	Nitrate	8.111	0.984	21.45	2.339	BMB
6	6.76	n.a.	0.045	0.007	0.15	n.a.	bMB
7	6.97	Sulfate	2.661	0.575	12.52	4.654	BMB
Total:			27.450	4.587	100.00	21.144	

default.bin integration

Chromeleon ic; Dionex 1996-2006
Version 6.80 SR1 to Build 3302 (1562791)

10 CCB1

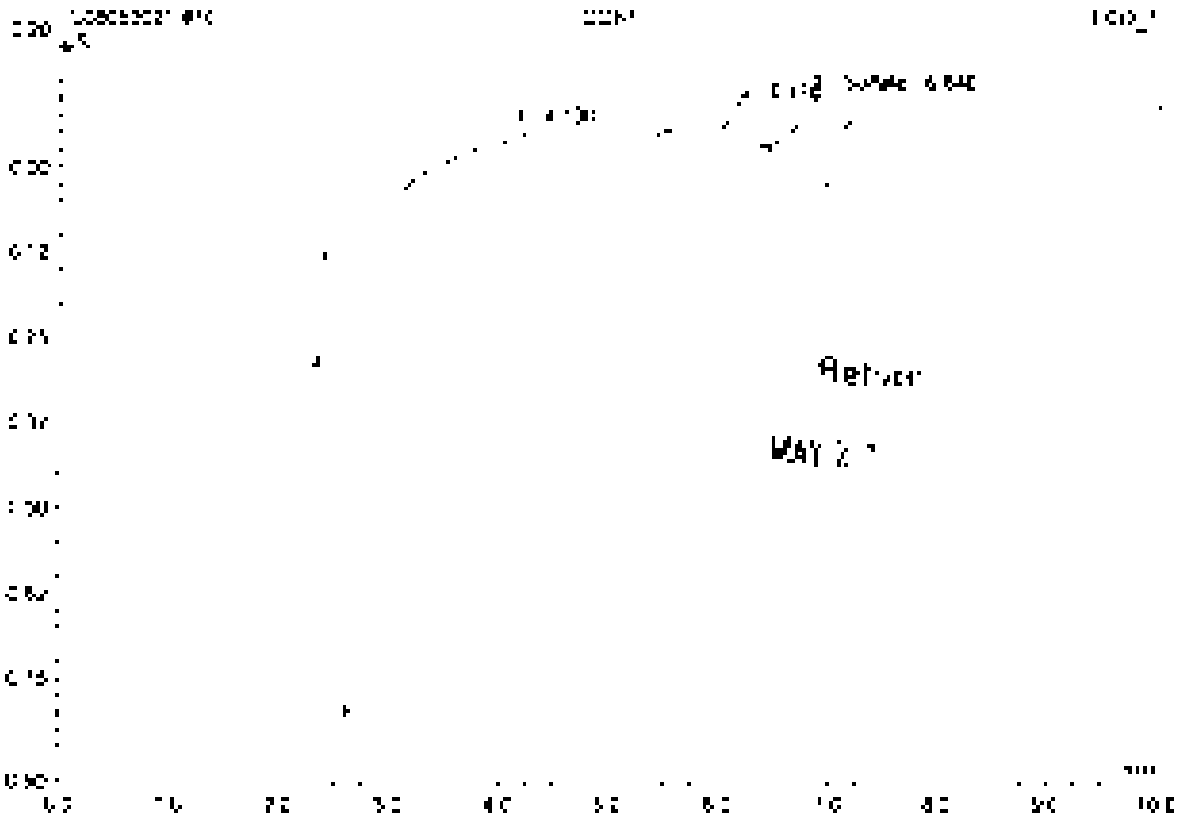
Sample Name	CCB1	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	5/2/2021 10:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

10 CCB1

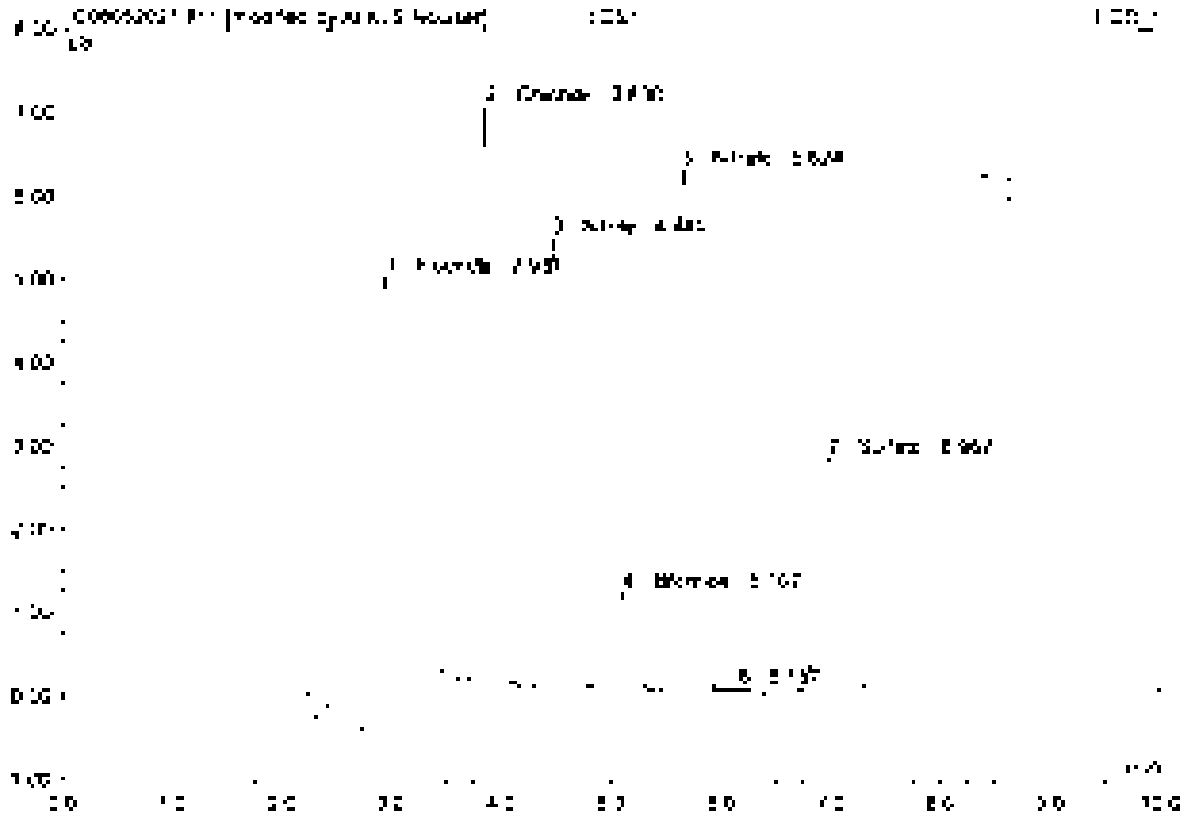
Sample Name	CCB1	Injection Volume	35.0
Run Number	47	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	5/20/2021 10:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.13	n.a.	0.434	1.001	95.62	n.a.	BMB
2	5.17	n.a.	0.058	0.018	1.67	n.a.	bV5
3	6.84	Sulfate	0.127	0.028	2.71	0.237	bMB
Total:			0.580	1.047	100.00	0.237	

11 LCS1

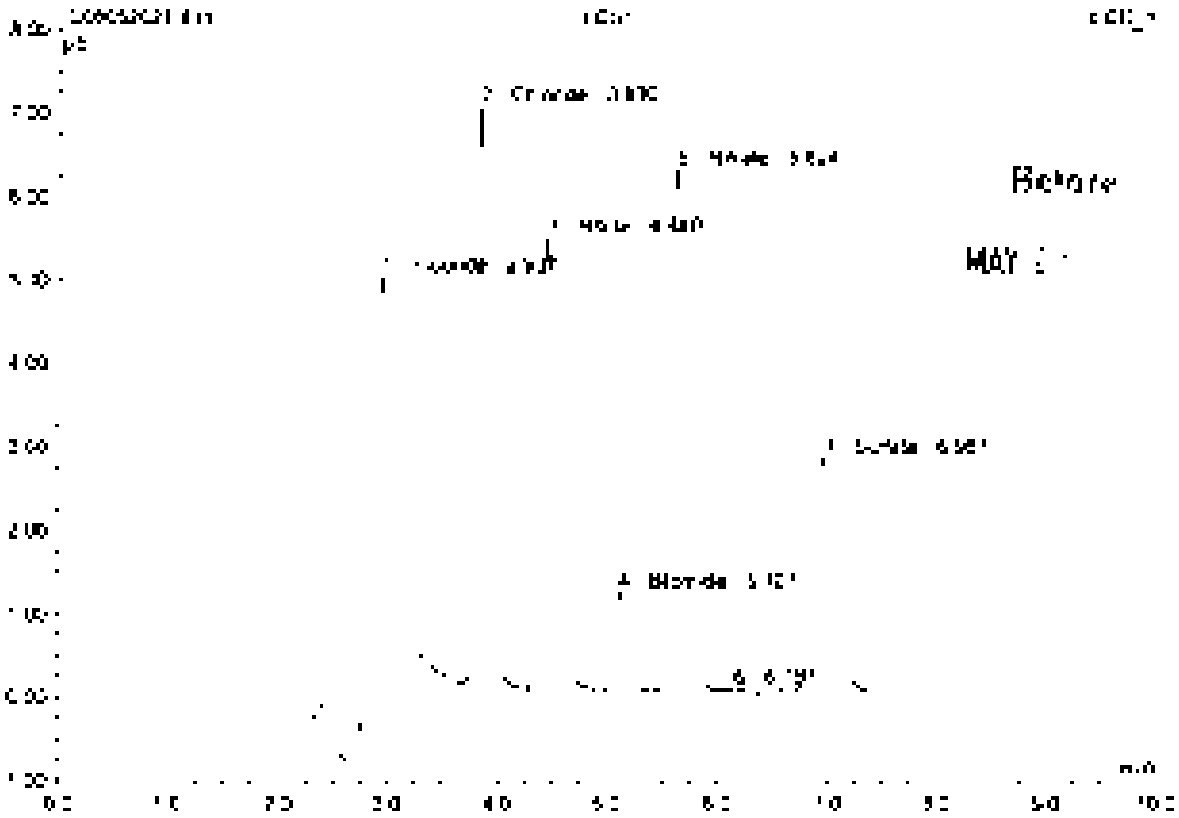
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	5/06/2021 10:29	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.94	Fluoride	5.357	1.175	25.36	4.679	BMB'
2	3.83	Chloride	6.920	0.819	17.67	4.725	BMB'
3	4.48	Nitrite	5.422	0.853	18.40	2.396	BMB
4	5.71	Bromide	1.176	0.172	3.72	2.429	BMB
5	5.62	Nitrate	6.260	1.007	21.73	2.394	BMB
6	6.15	n.a.	0.041	0.006	0.14	n.a.	BMB
7	6.97	Sulfate	2.789	0.602	12.98	4.885	BMB
Total:			27.925	4.634	100.00	25.513	

11 LCS1

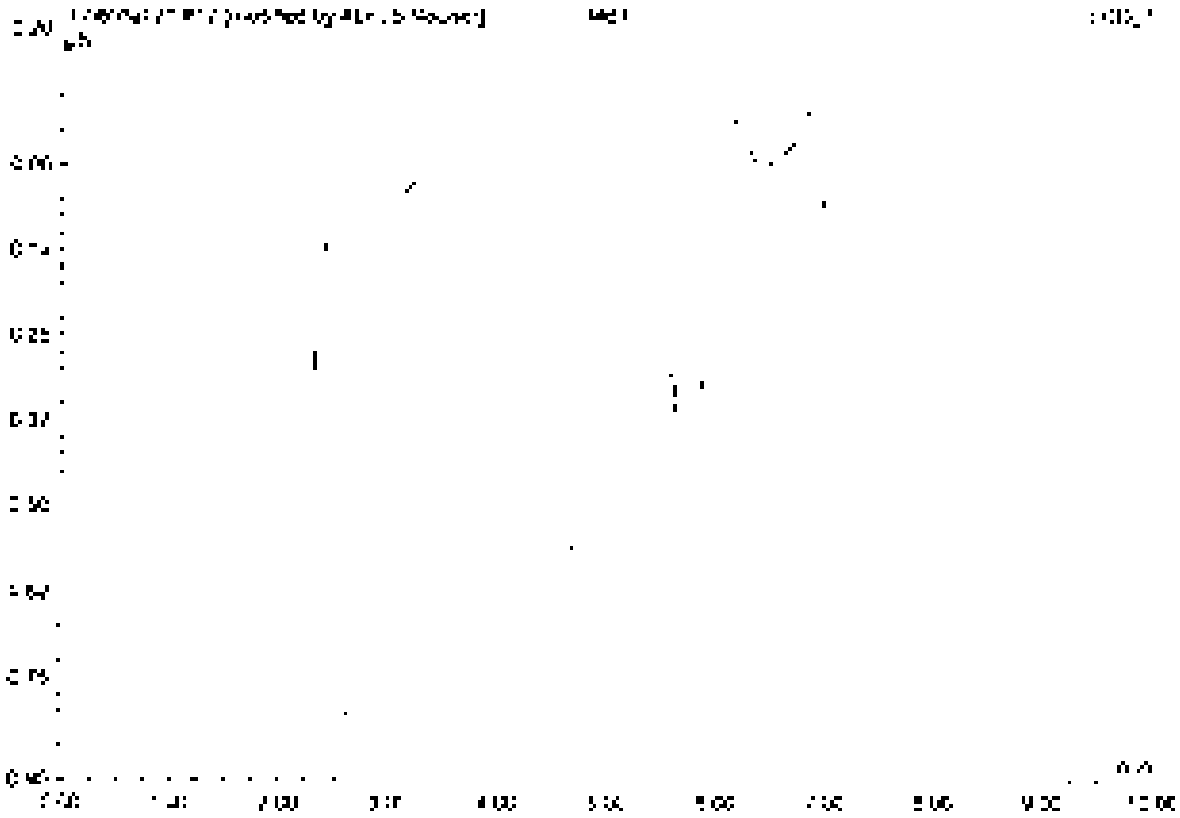
Sample Name	LCS1	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	5/20/2021 10:29	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.94	Fluoride	5.333	[illegible]	25.00	4.815	BMB
2	3.82	Chloride	0.920	0.819	17.54	4.729	BMB
3	4.48	Nitrite	5.422	0.853	18.27	2.396	BMB
4	[illegible]	Bromide	1.174	0.172	3.68	2.429	BMB
5	5.62	Nitrate	6.280	1.007	21.57	2.394	BMB
6	[illegible]	n.a.	0.041	0.006	0.13	n.a.	BMB
7	6.97	Sulfate	2.788	0.602	12.89	4.636	BMB
Total:			27.909	4.662	100.00	21.648	

12 MB1

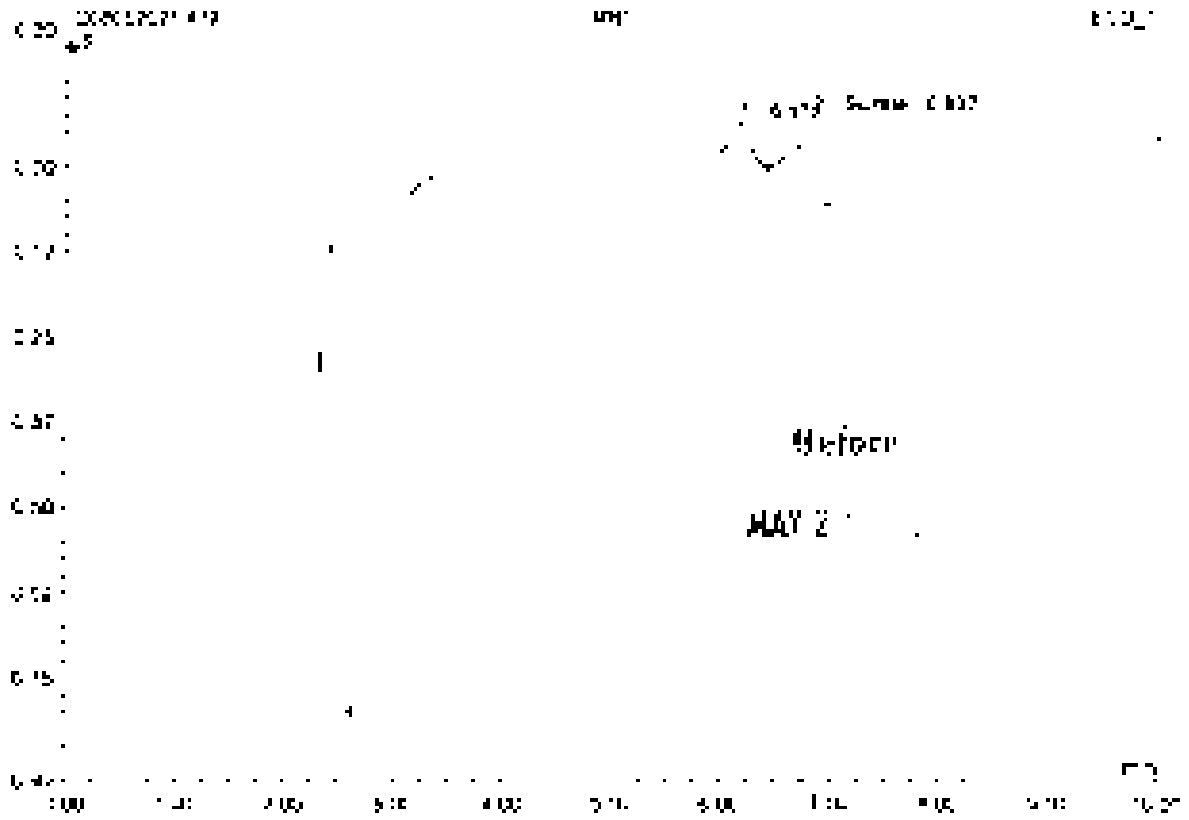
Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	5/20/2021 10:41	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

12 MB1

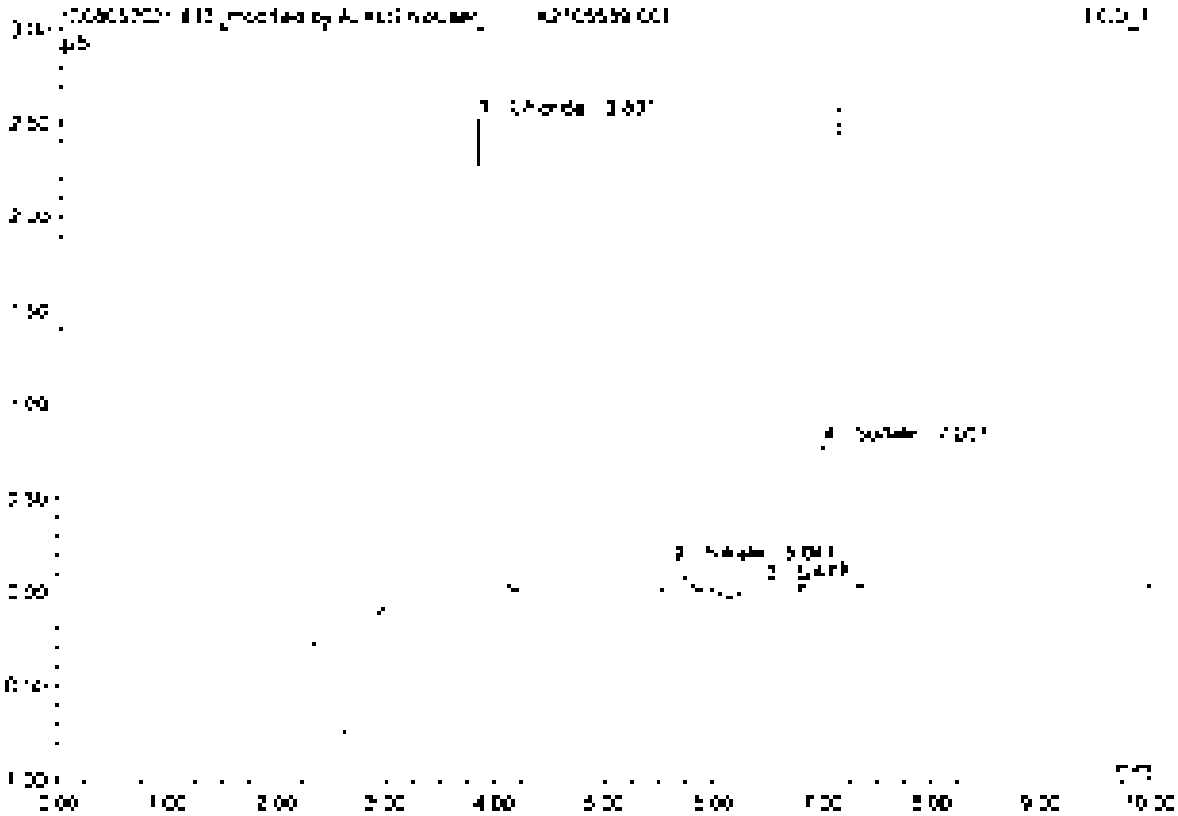
Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quant Method	spa300	Dilution Factor	1.0000
Recording Time	6/20/2021 10:41	Sample Weight	1.0000
Run Time (max.)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.17	n.a.	0.120	1.449	98.11	n.a.	BMB
2	8.84	Sulfate	0.120	0.028	1.85	0.227	bVB
Total:			0.240	1.476	100.00	0.227	

13 K2105589-001

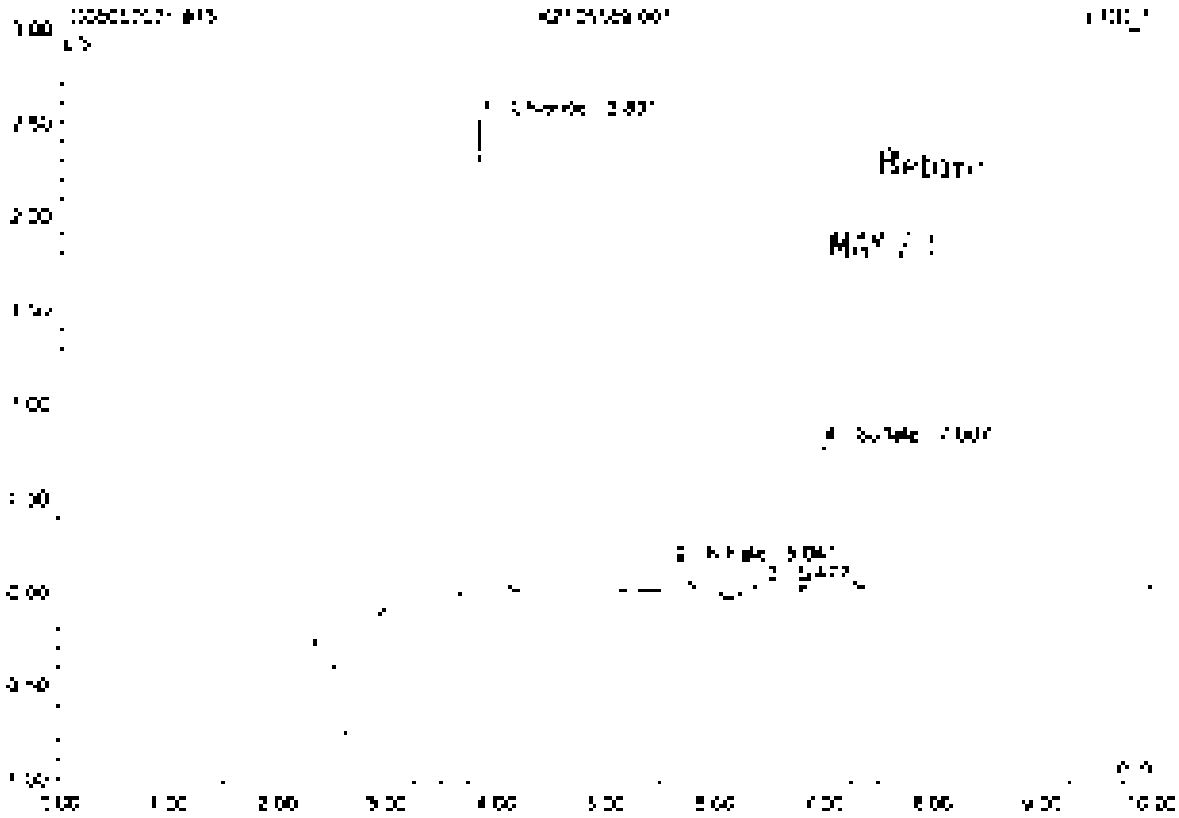
Sample Name	K2105589-001	Injection Volume	20.0
Vial Number	3	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Processing Time	5/20/2021 16:54	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.83	Chloride	2.521	0.307	61.67	3.543	BMB
2	6.54	Nitrate	0.140	0.023	4.60	0.159	BMB*
3	6.48	n.a.	0.048	0.018	3.58	n.a.	BMD*
4	7.01	Sulfate	0.755	0.150	30.15	2.435	EMB
Total:			3.468	0.497	100.00	6.056	

13 K2105588-001

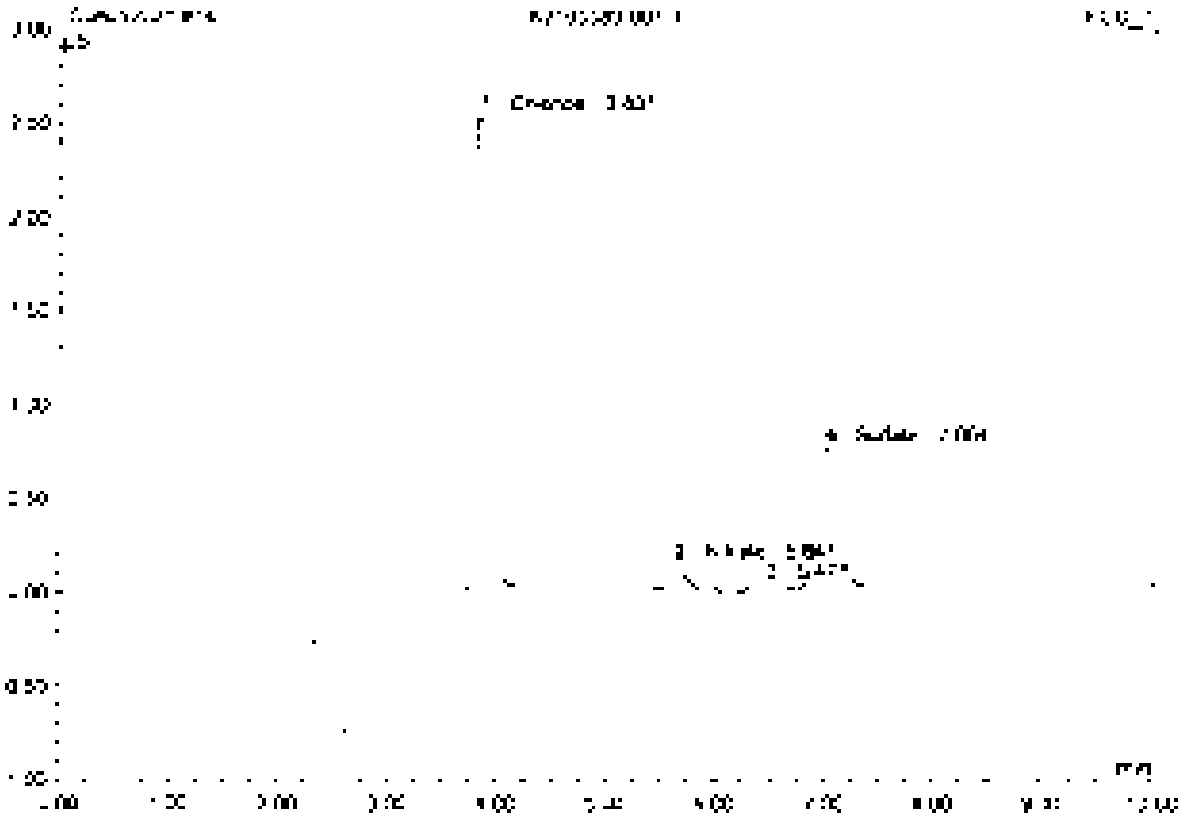
Sample Name	K2105588-001	Injection Volume	25.0
Vial Number	3	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	5/20/2021 10:54	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.83	Chloride	2.521	0.307	59.76	3.543	BMB
2	4.54	Nitrate	0.159	0.039	7.56	0.184	BMB
3	6.48	n.a.	0.045	0.015	2.97	n.a.	BMB
4	7.01	Sulfate	0.156	0.150	29.21	2.435	BMB
Total:			3.457	0.513	100.00	6.162	

14 K2105589-001D

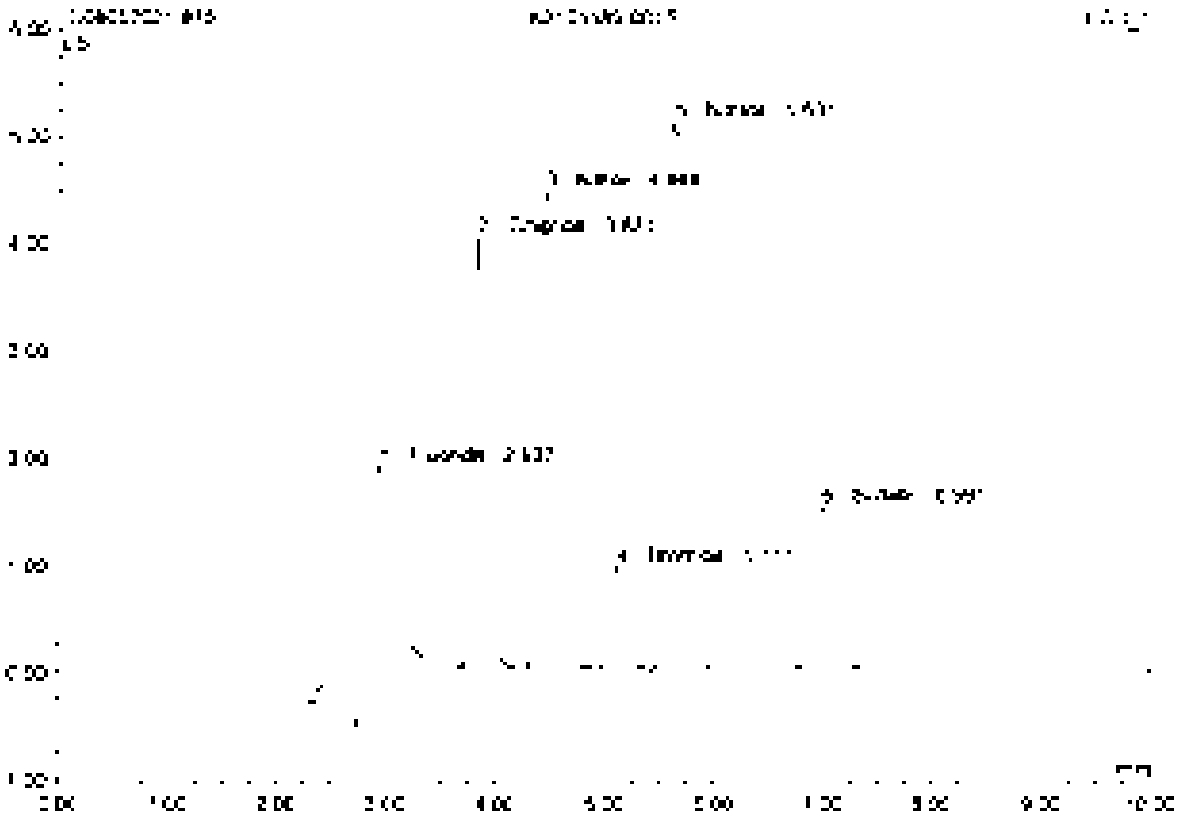
Sample Name	K2105589-001D	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a
Quantit. Method	epa300	Dilution Factor	2.0000
Processing Time	5/20/2021 11:05	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.83	Chloride	2.528	0.306	62.15	3.540	BMB
2	5.64	Nitrate	0.139	0.023	4.67	0.138	BMB
3	6.67	n.a	0.046	0.016	3.28	n.a	BMB
4	7.50	Sulfate	0.746	0.146	29.90	2.369	BMB
Total:			3.458	0.493	100.00	6.047	

15 K2105589-001S

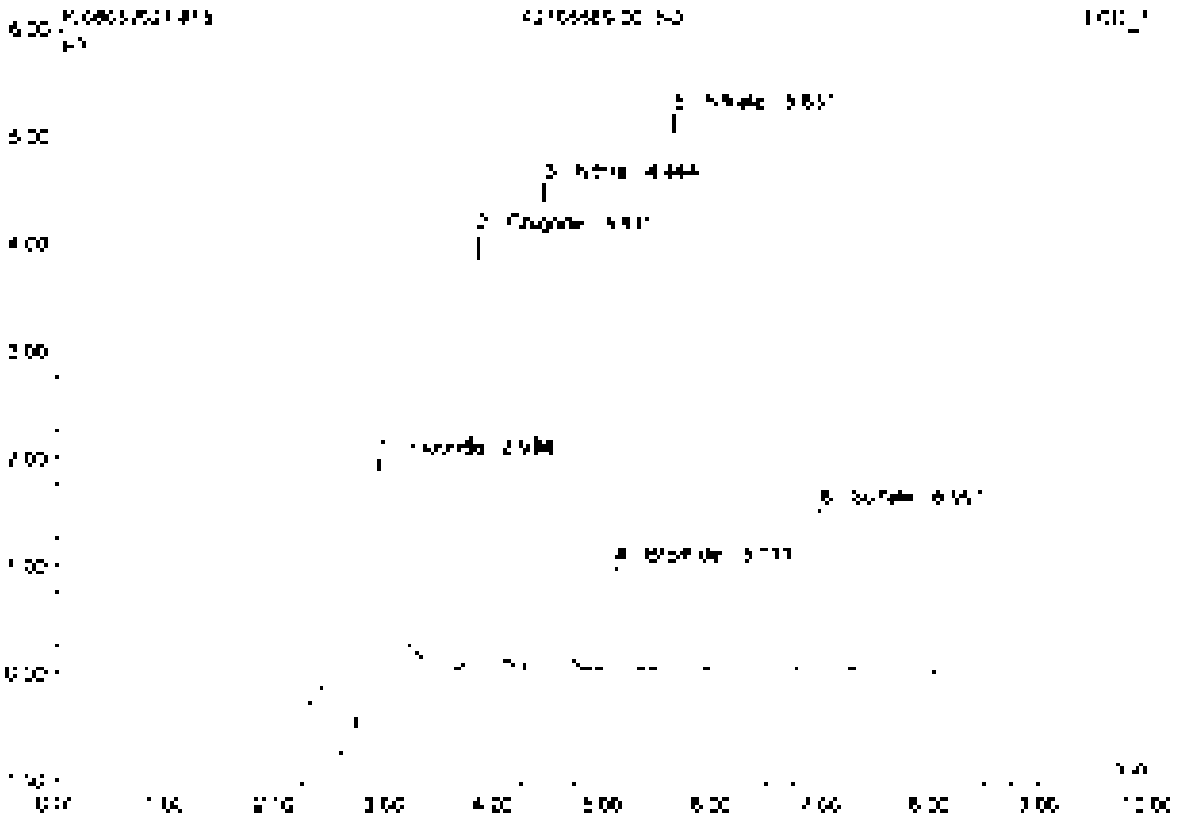
Sample Name	K2105589-001S	Injection Volume	25.0
Vial Number	3	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	4.0000
Recording Time	5/20/2021 11:17	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.04	Fluoride	2.310	0.584	19.39	9.458	BMb
2	3.93	Chloride	4.014	0.493	16.76	[illegible]	bMB
3	4.44	Nitrite	4.457	0.704	22.99	7.011	BV B
4	5.17	Bromide	0.925	0.142	4.63	7.993	BVB
5	5.63	Nitrate	5.170	0.829	27.08	7.583	BVB
6	6.90	Sulfate	1.520	0.311	10.15	19.090	BVB
Total:			18.278	3.062	100.00	54.424	

16 K2105589-001SD

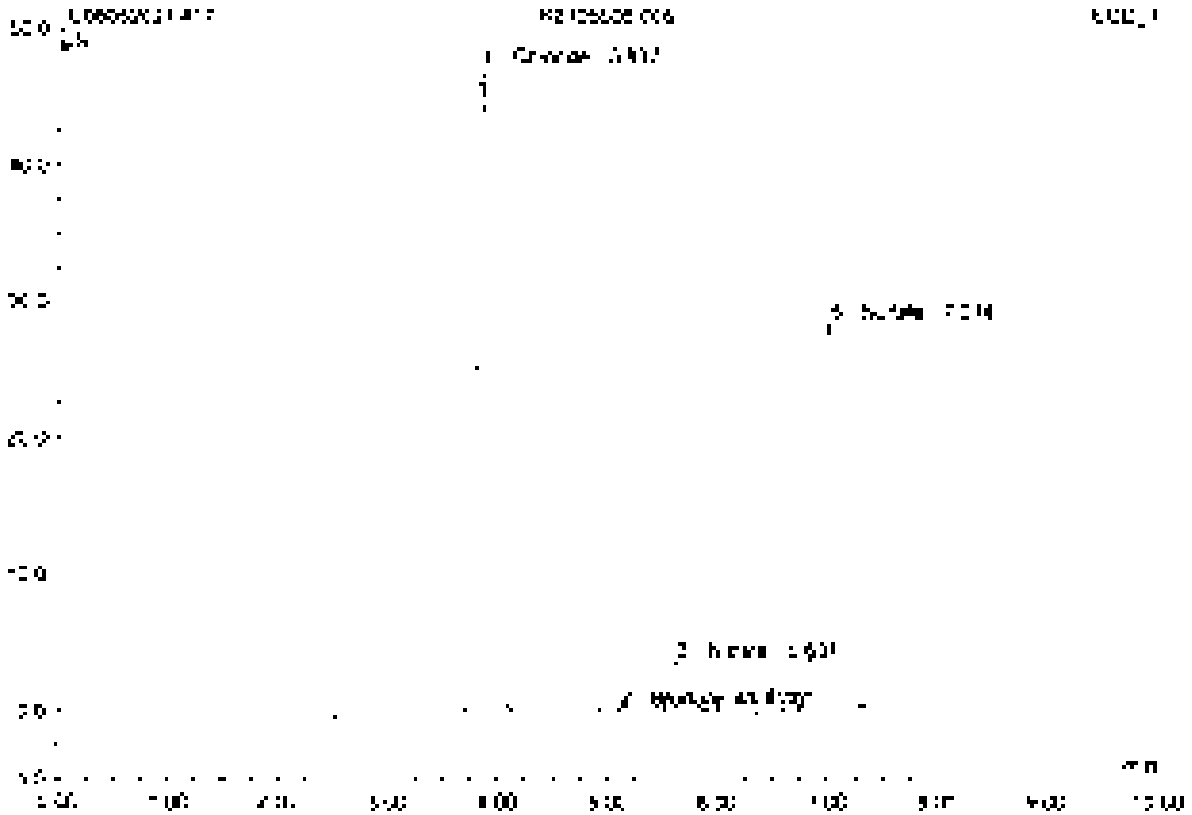
Sample Name	K2105589-001SD	Injection Volume	25.0
Vial Number	8	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	4.0000
Recording Time	5/20/2021 11:29	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.53	Fluoride	2.193	0.604	19.52	9.616	BMB
2	3.80	Chloride	4.023	0.475	15.45	11.064	BMB
3	4.46	Nitrite	4.502	0.710	23.06	8.019	BMB
4	5.11	Bromide	0.972	0.144	4.64	8.096	BMB
5	5.63	Nitrate	5.199	0.843	27.37	8.019	BMB
6	6.99	Sulfate	1.519	0.310	10.02	10.065	BMB
Total:			18.838	3.093	100.00	54.879	

17 K2105608-006

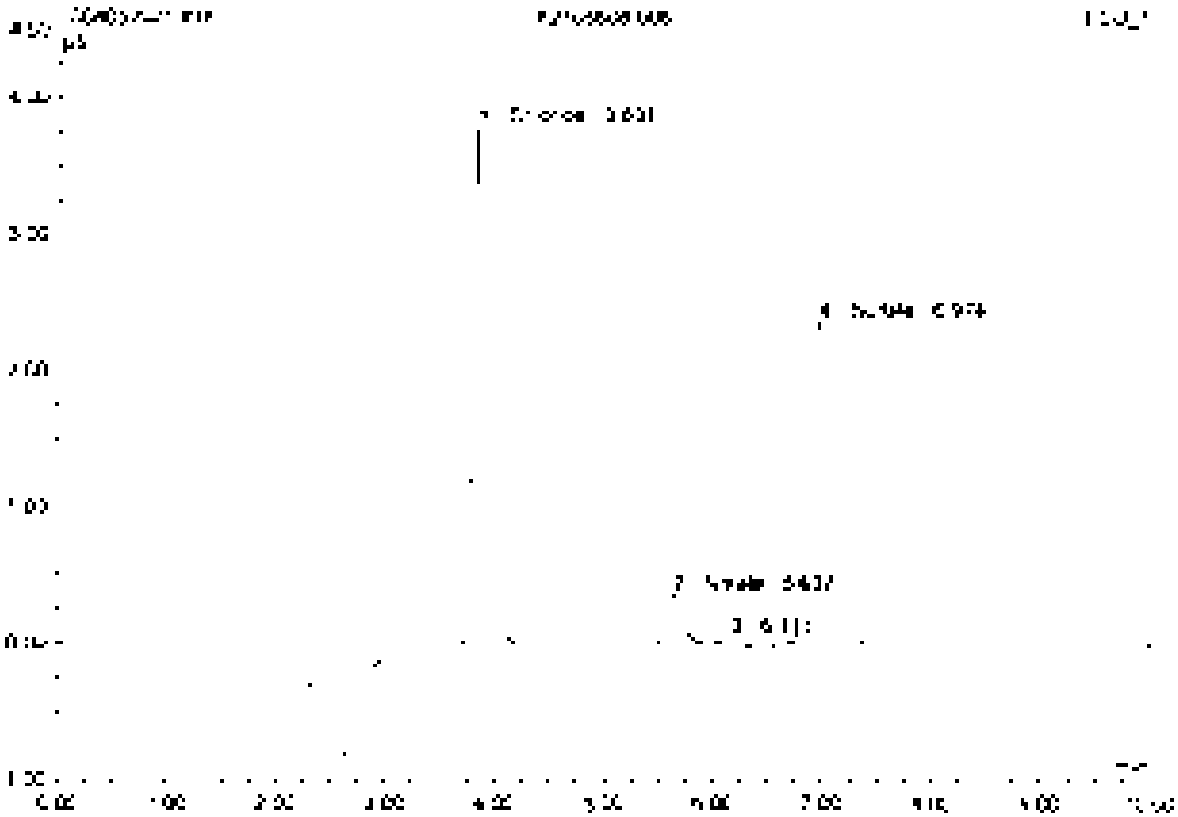
Sample Name	K2105608-006	Injection Volume	25.0
Vial Number	8	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Quantitation Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	20.0000
Recording Time	5/20/2021 12:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.86	Chloride	47.041	5.283	45.72	610.278	BMB
2	[illegible]	Bromide	0.068	0.010	0.09	2.858	BMB
3	5.63	Nitrate	0.550	0.575	4.98	27.343	BMB
4	6.15	n.a.	0.065	0.007	0.06	n.a.	BMB
5	7.01	Sulfate	28.140	5.576	48.24	921.615	BMB
Total:			78.854	11.552	100.00	1562.100	

18 K2105608-006

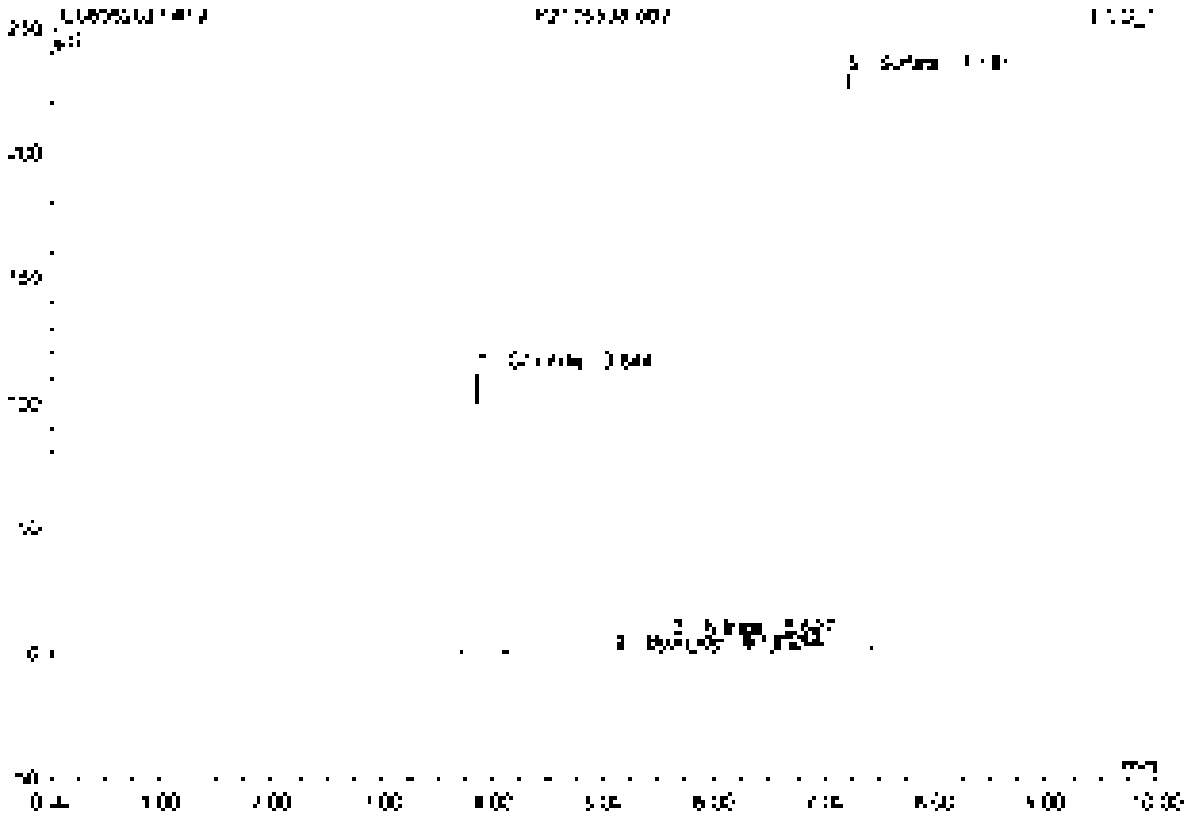
Sample Name	K2105608-006	Injection Volume	25.0
Vial Number	9	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	200.0000
Processing Time	5/20/2021 12:21	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.80	Chloride	3.791	0.455	40.70	525.758	BV9
2	5.64	Nitrate	0.361	0.058	5.61	27.801	BV5
3	5.17	n.a.	0.057	0.010	0.97	n.a.	BMB
4	6.97	Sulfate	2.364	0.518	49.72	840.906	BVA
Total:			6.573	1.042	100.00	1394.465	

19 K2105538-002

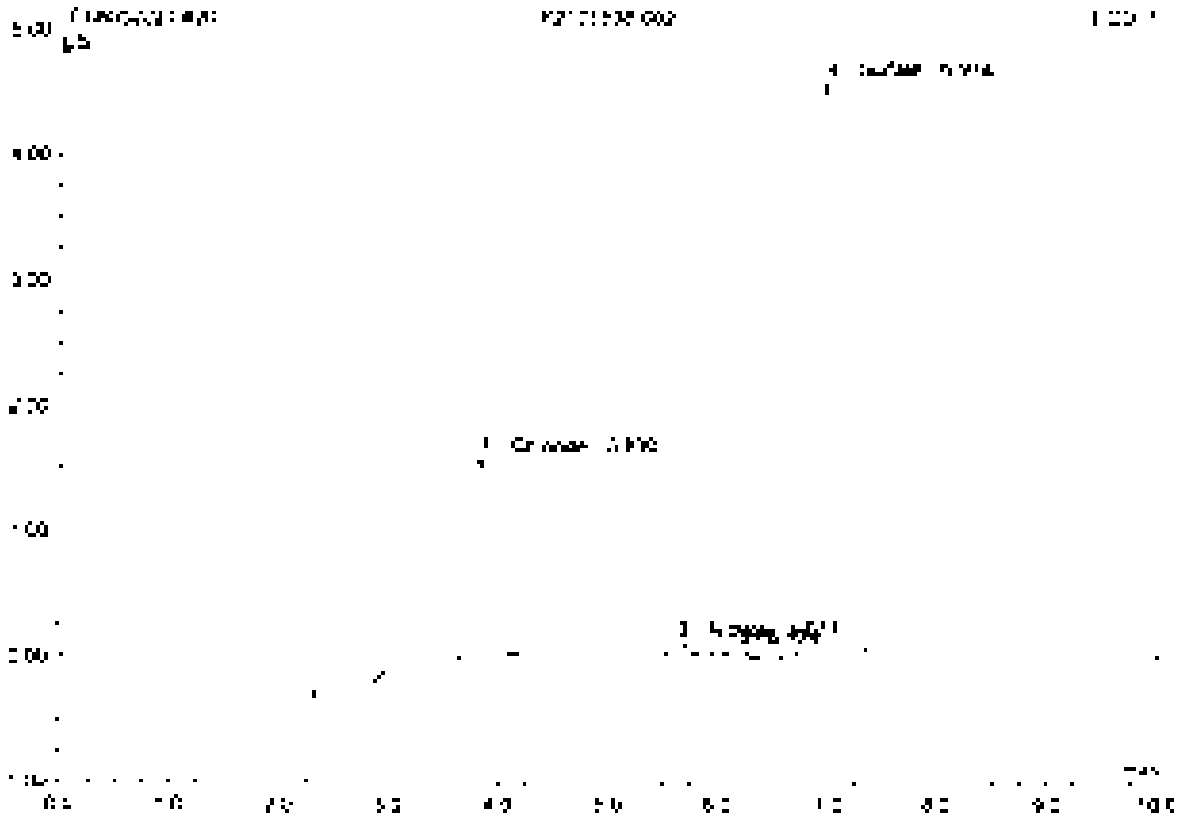
Sample Name	K2105538-002	Injection Volume	25.0
Vial Number	19	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quant Method	spa300	Dilution Factor	10.0000
Recording Time	6/20/2021 12:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.84	Chloride	112.520	12.714	16.40	734.370	BMB
2	5.11	Bromide	0.141	0.022	0.03	0.991	BMB
3	5.63	Nitrate	5.749	0.943	1.22	22.421	BMB
4	5.24	n.a.	0.248	0.039	0.05	n.a.	BMB
5	7.18	Sulfate	229.158	63.568	82.27	5168.751	BMB
Total:			347.822	77.287	100.00	5928.532	

20 K2105536-002

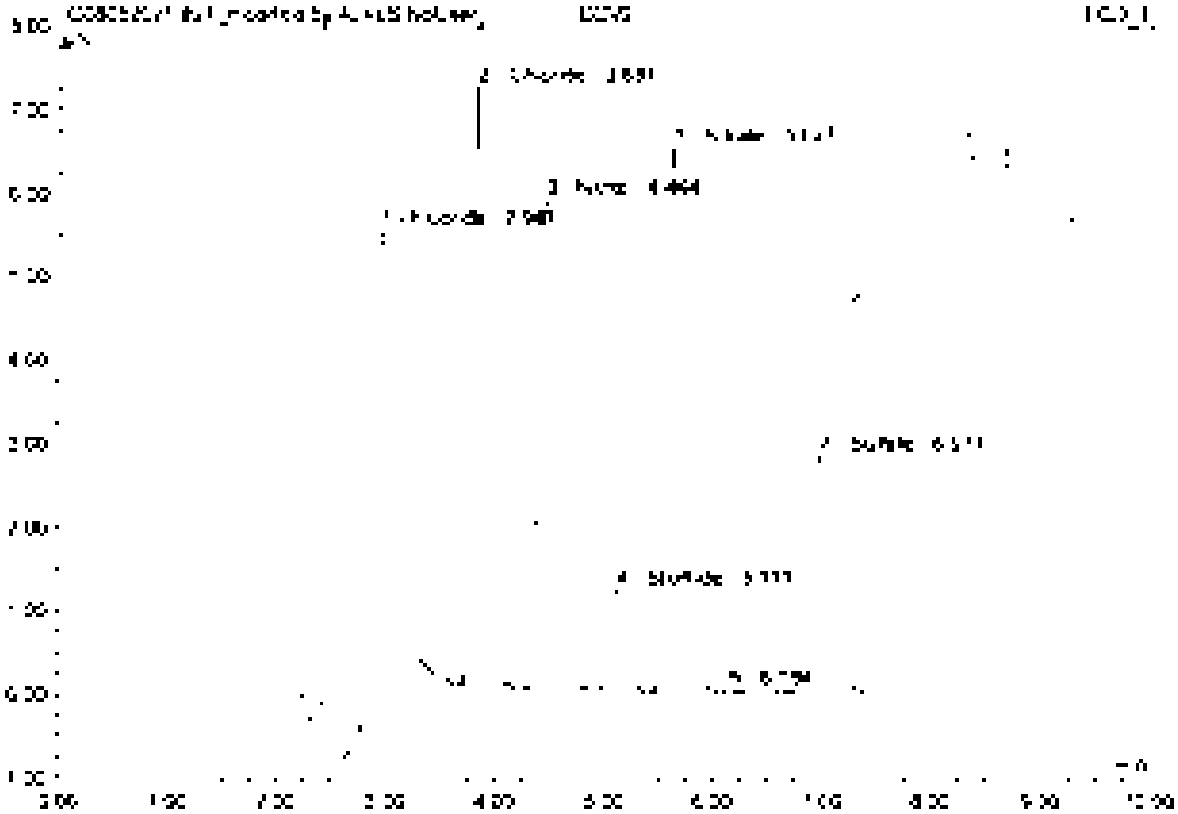
Sample Name	K2105536-002	Injection Volume	25.0
Vial Number	11	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Control Method	apa300	Dilution Factor	500.0000
Recording Time	5/20/2021 12:45	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.83	Chloride	1.536	0.193	15.92	558.651	BMB
2	5.64	Nitrate	0.115	0.019	1.49	2'.519	BMB
3	6.17	n.a.	0.066	0.012	1.01	n.a.	BMB
4	6.97	Sulfate	4.529	0.881	61.58	4223.870	BMB
Total:			5.349	1.215	100.00	4805.050	

21 CCV2

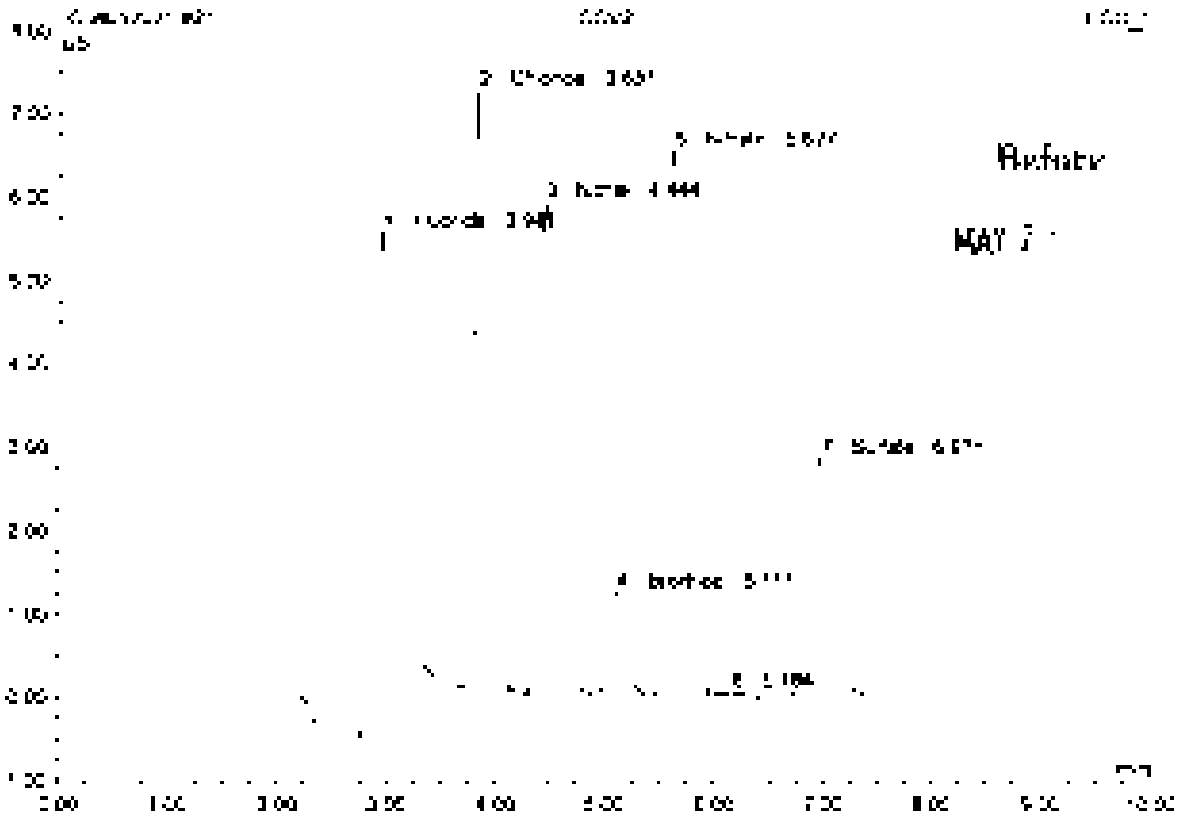
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	5/20/2021 13:56	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.34	Fluoride	5.917	[illegible]	25.58	[illegible]	BMB'
2	3.53	Chloride	7.155	0.845	17.44	6.305	BMB'
3	4.44	Nitrite	5.891	0.924	18.35	2.596	BMB
4	5.17	Bromide	1.220	0.178	3.68	2.527	BMB
5	5.63	Nitrate	6.513	1.048	21.53	2.492	BMB
6	6.10	n.a.	0.044	0.007	0.14	n.a.	BMB
7	6.97	Sulfate	2.834	0.611	12.54	4.556	BMB
Total			29.619	4.868	100.00	22.455	

21 CCV2

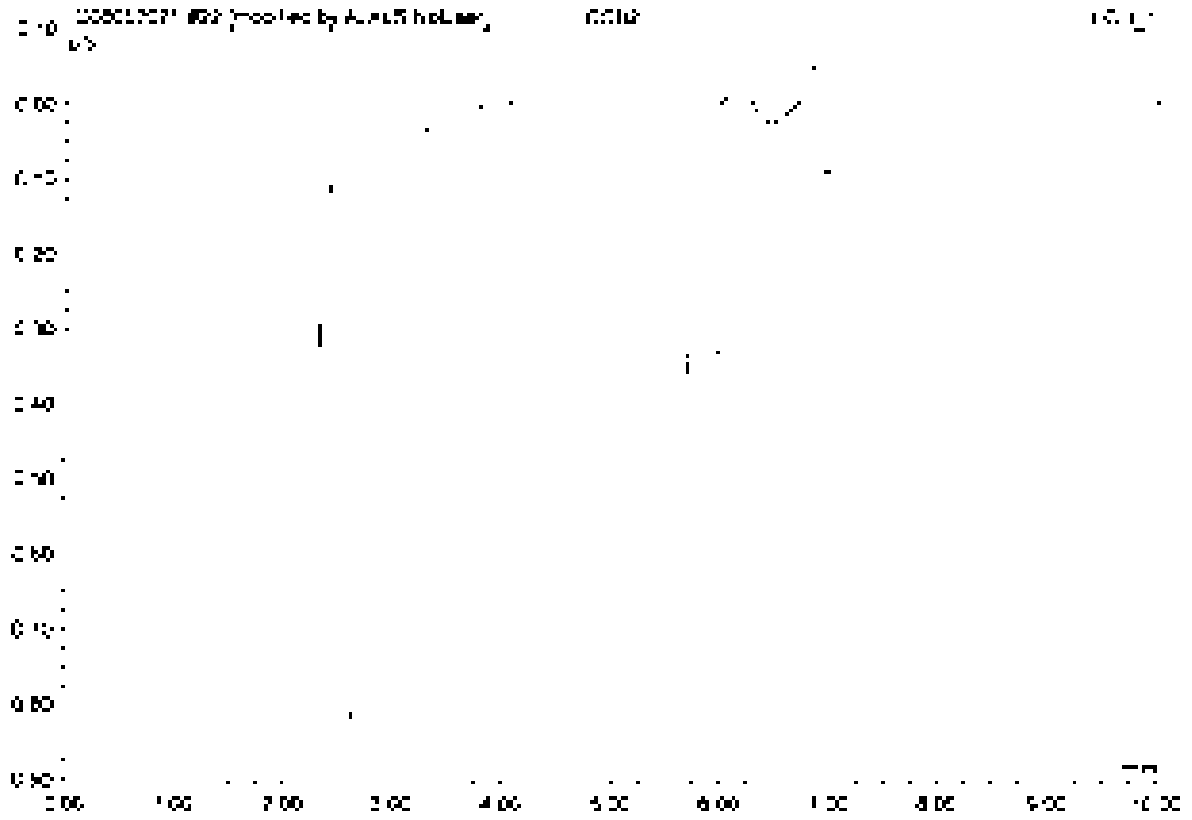
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	5/20/2021 12:56	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	5.940	1.207	26.39	5.164	BMB
2	3.93	Chloride	7.185	0.849	17.28	4.905	BMB
3	4.44	Nitrite	5.853	0.924	18.80	2.596	BMB
4	5.17	Bromide	1.223	0.179	3.65	2.527	BMB
5	5.62	Nitrate	6.503	1.045	21.33	2.492	BMB
6	6.16	n.a.	0.044	0.007	0.14	n.a.	BMB
7	6.97	Sulfate	2.834	0.611	12.42	4.556	BMB
Total:			29.652	4.915	100.00	22.640	

22 CCB2

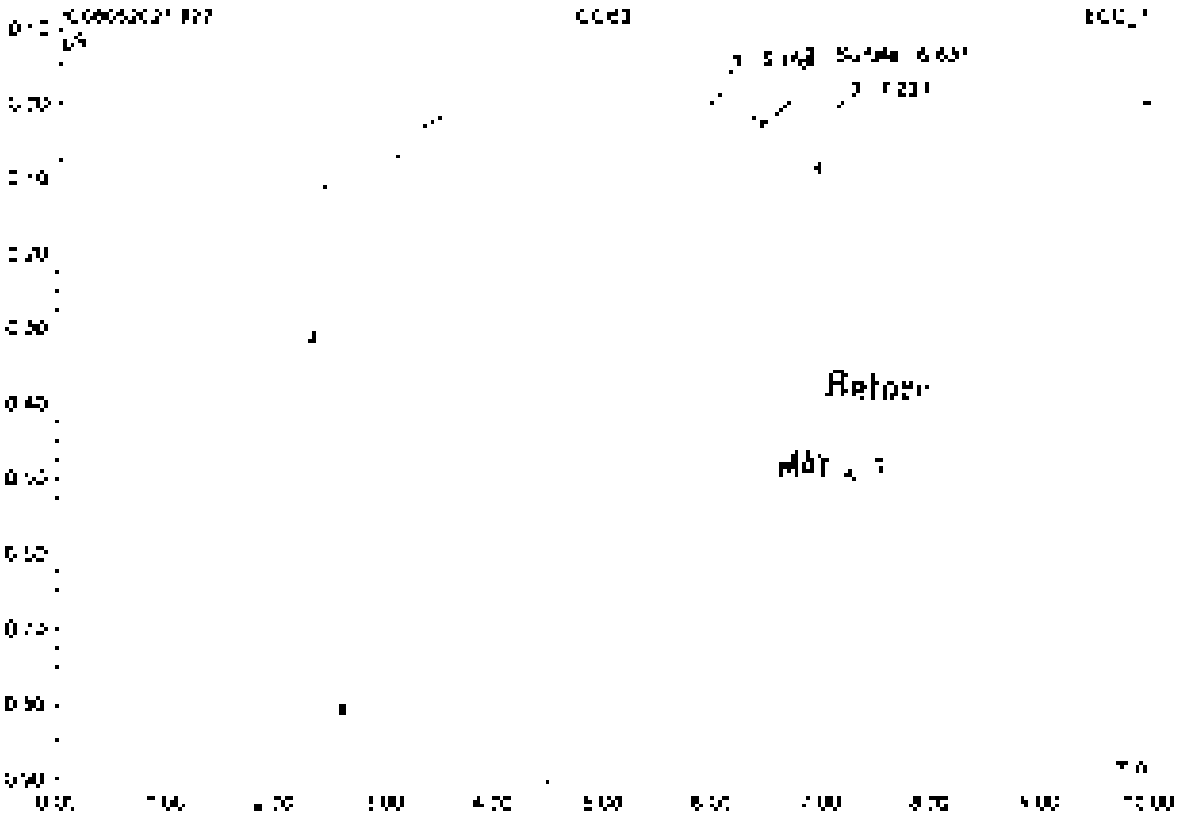
Sample Name	CCB2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	5/20/2021 13:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

22 CCB2

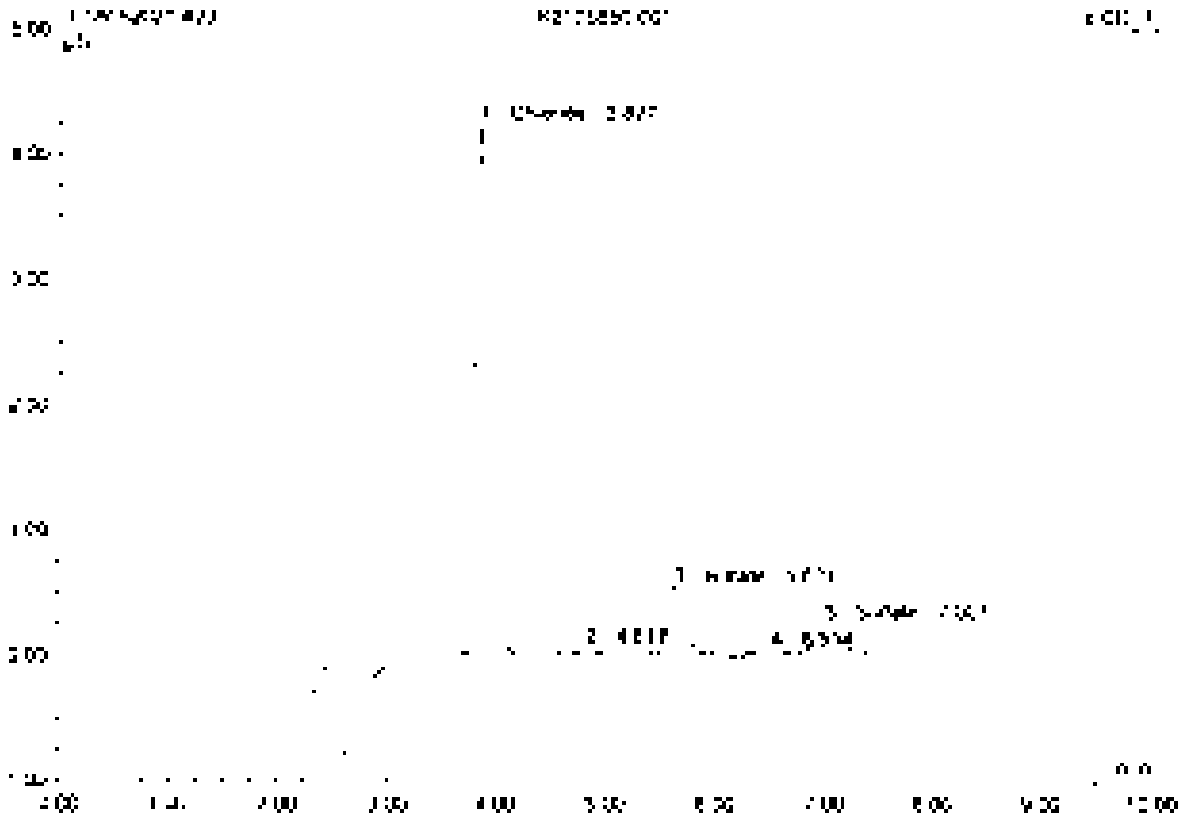
Sample Name	CCB2	Injection Volume	25.0
Vial Number	49	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Calibration Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	5/20/2021 13:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.16	n.a.	0.127	1.447	50.15	n.a.	BMB
2	6.80	Sulfate	0.124	0.028	1.72	0.225	BMB
3	7.23	n.a.	0.088	0.100	6.13	n.a.	BMB
Total			0.339	1.605	100.00	0.225	

23 K2105650-001

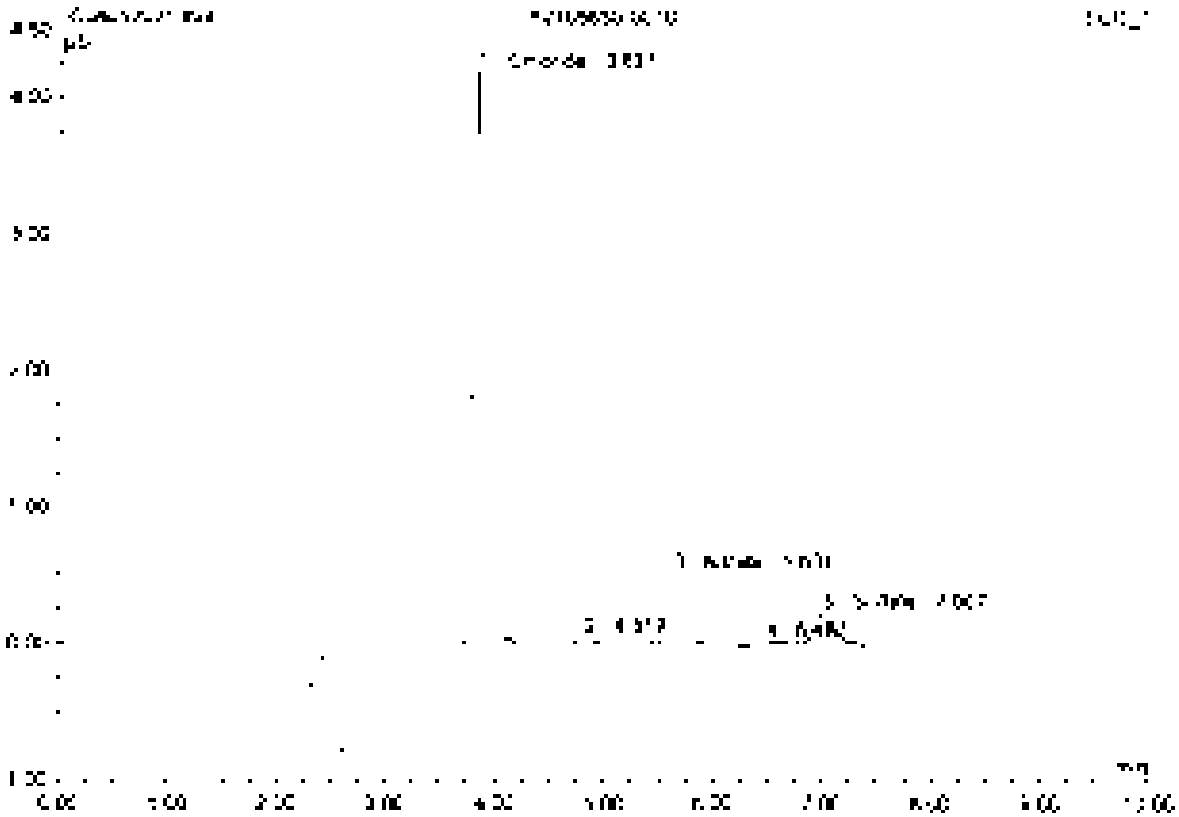
Sample Name	K2105650-001	Injection Volume	25.0
Vial Number	50	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	5/20/2021 10:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.83	Chloride	4.236	0.509	75.94	5.882	BMB
2	4.82	n.a.	0.052	0.007	1.13	n.a.	BMB
3	5.53	Nitrate	0.529	0.086	13.04	0.410	BMB
4	6.51	n.a.	0.037	0.012	1.78	n.a.	BMB
5	7.31	Sulfate	0.232	0.047	7.10	0.766	BMB
Total:			5.082	0.662	100.00	7.058	

24 K2105650-001D

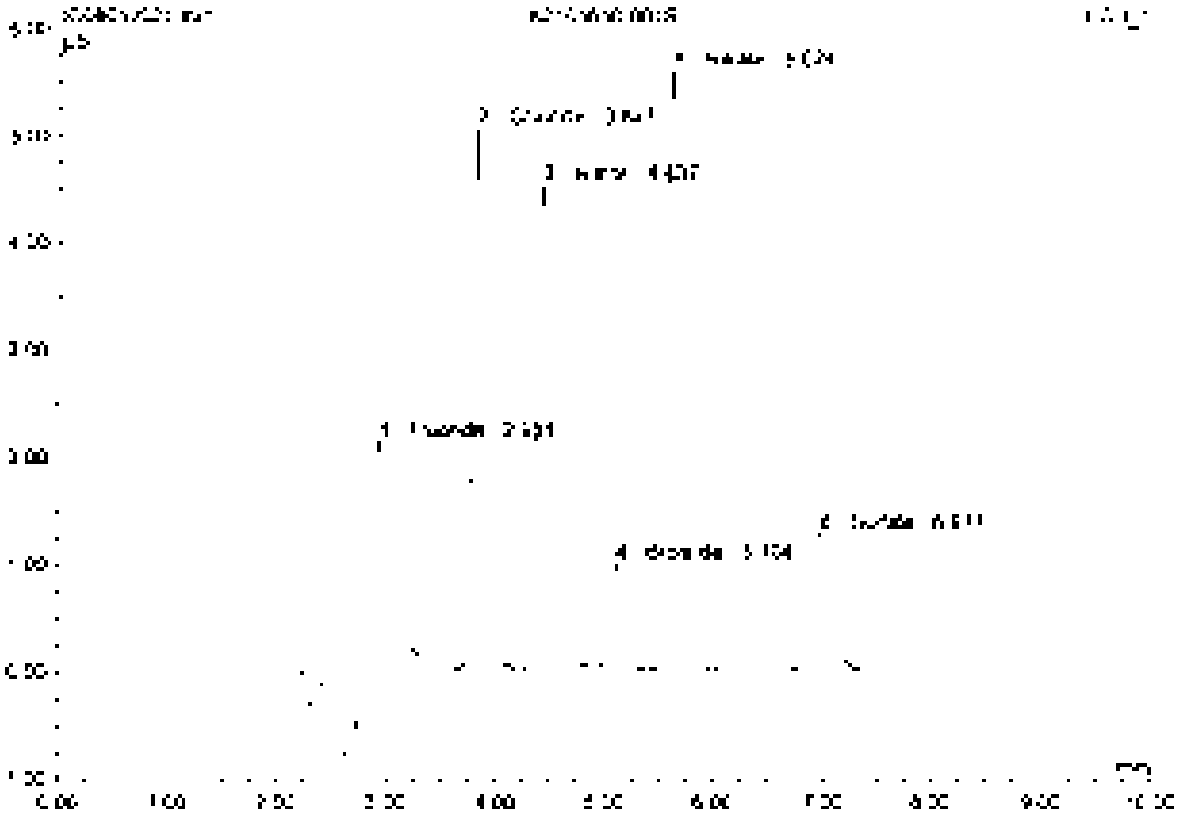
Sample Name	K2105650-001D	Injection Volume	25.0
Vial Number	12	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	5/20/2021 13:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.53	Chloride	4.194	0.503	77.35	5.873	BMB
2	4.82	n.a.	0.052	0.008	1.17	n.a.	BMB
3	5.62	Nitrate	0.520	0.085	13.01	0.402	BMB
4	6.49	n.a.	0.025	0.009	1.38	n.a.	BMB
5	7.01	Sulfate	0.226	0.045	7.08	0.748	BMB
Total			5.018	0.651	100.00	6.964	

25 K2105650-001S

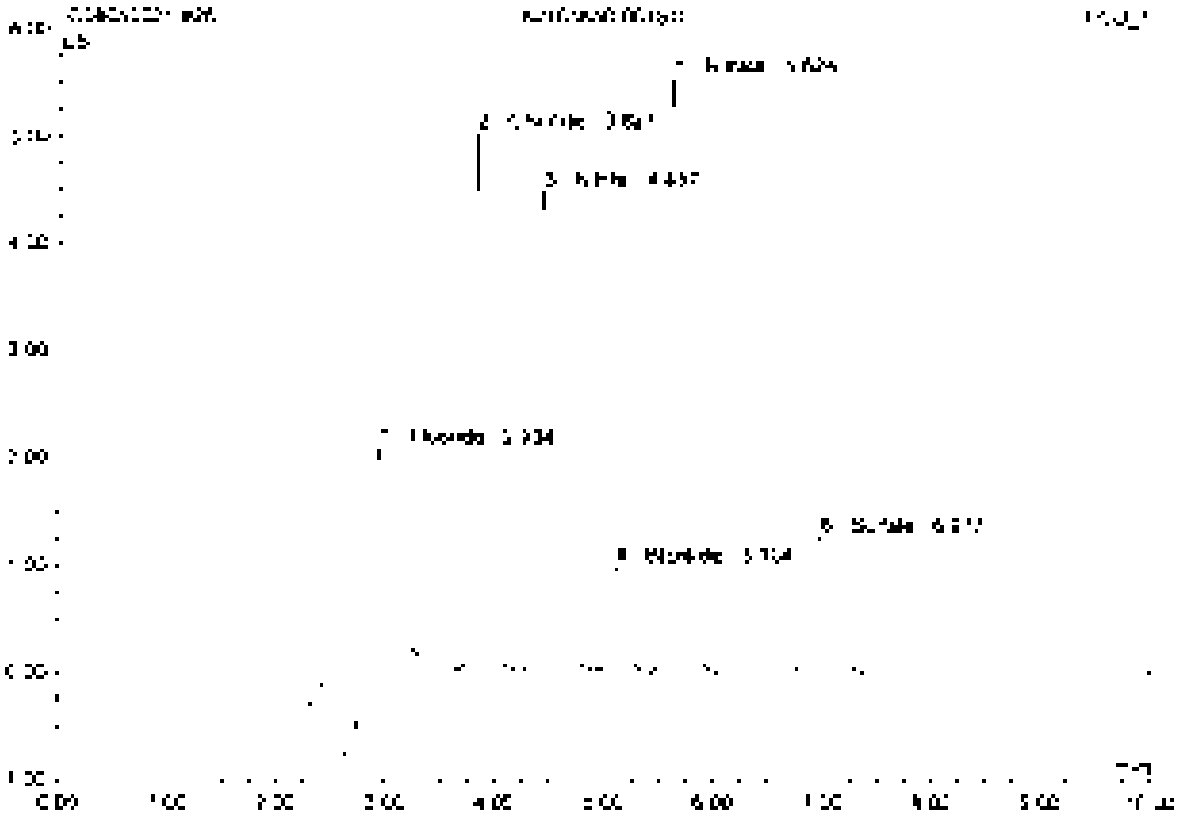
Sample Name	K2105650-001S	Injection Volume	25.0
Vial Number	10	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantit. Method	apa300	Dilution Factor	4.0000
Recording Time	5/20/2021 13:43	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.91	Fluoride	2.556	0.626	19.35	9.976	BMB
2	3.53	Chloride	5.022	0.599	18.52	13.847	BMB
3	4.44	Nitrite	4.512	0.703	21.72	7.900	BMB
4	5.10	Bromide	0.984	0.145	4.47	8.150	BMB
5	5.62	Nitrate	5.089	0.901	27.84	8.568	BMB
6	6.58	Sulfate	1.288	0.262	8.10	9.515	BMB
Total:			19.946	3.236	100.00	56.958	

26 K2105650-001SD

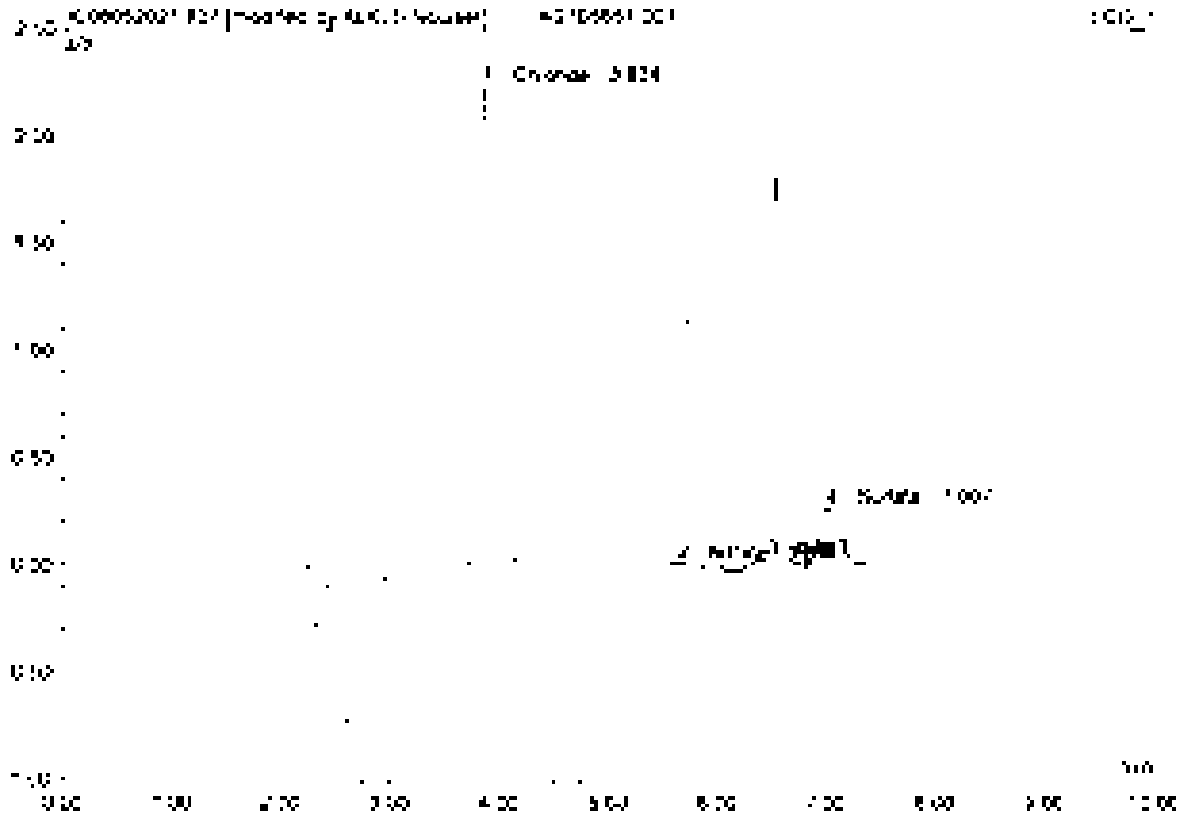
Sample Name	K2105650-001SD	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	4.0000
Processing Time	5/20/2021 12:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



Inj	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.92	Fluoride	2.568	0.626	19.47	9.998	BMB
2	3.52	Chloride	5.002	0.596	18.51	13.761	BMB
3	4.44	Nitrite	4.475	0.699	21.58	7.850	BMB
4	5.10	Bromide	0.578	0.144	4.46	8.056	BMB
5	5.62	Nitrate	5.347	0.855	27.79	8.513	BMB
6	6.98	Sulfate	1.256	0.261	8.10	8.473	BMB
Total:			19.769	3.223	100.00	56.713	

27 K2105651-001

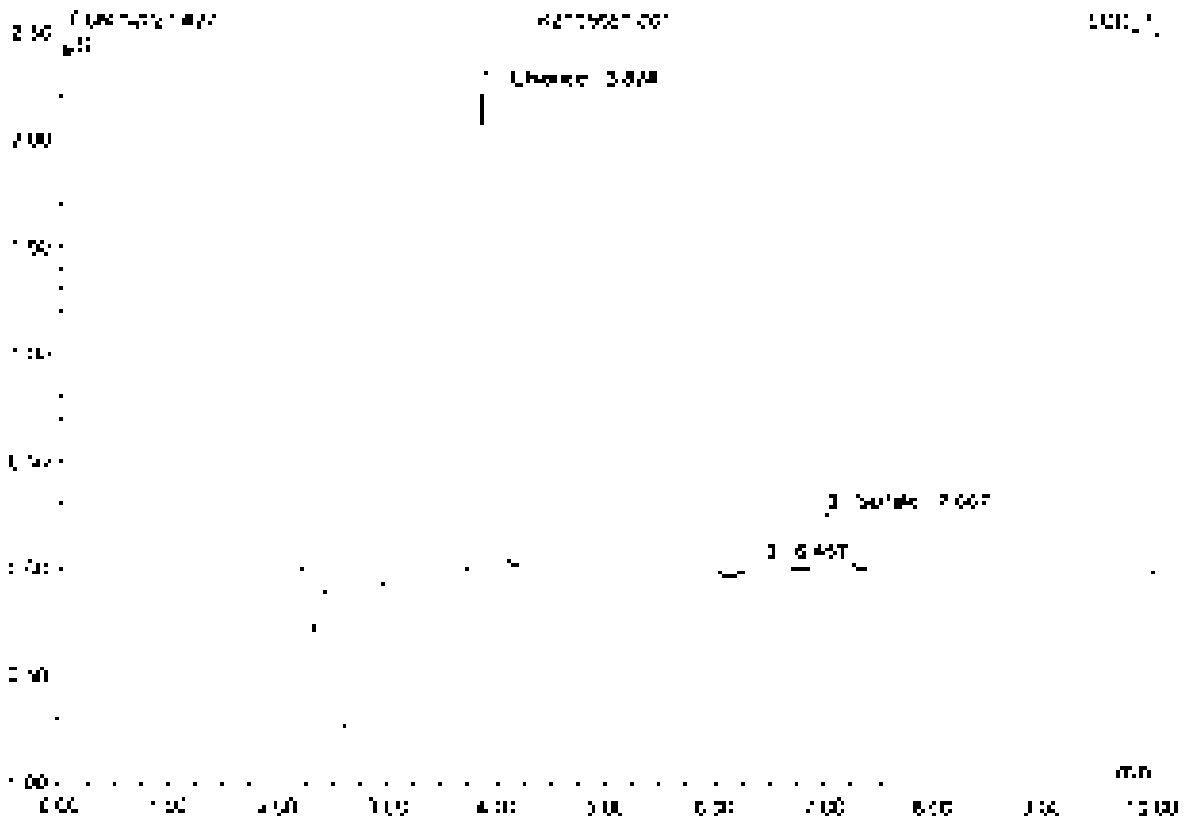
Sample Name	K2105651-001	Injection Volume	25.0
Vial Number	15	Channel	ECD_1
Sample Type	Unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	5/20/2021 14:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.82	Chloride	2.224	0.271	78.63	3.126	BMB
2	5.60	Nitrate	0.008	0.001	0.35	0.005	BMB*
3	6.46	n.a.	0.057	0.018	5.27	n.a.	BMb*
4	7.01	Sulfate	0.267	0.054	15.70	0.877	bMB
Total			2.556	0.344	100.00	4.009	

27 K2105851-001

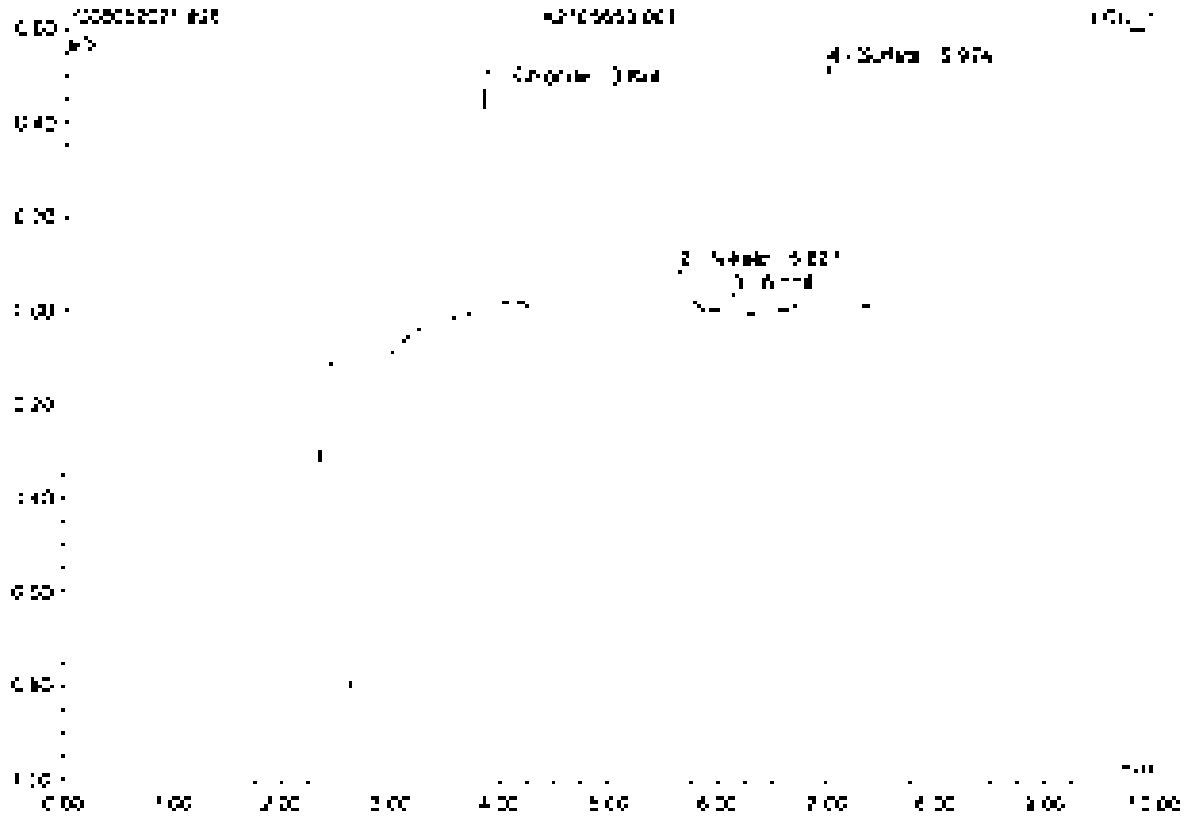
Sample Name	K2105851-001	Injection Volume	25.0
Vial Number	15	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Calibration Factor	2.0000
Recording Time	5/20/2021 14:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.82	Chloride	2.234	0.271	78.94	3.126	BMB
2	6.46	n.a.	0.067	0.018	5.30	n.a.	BMB
3	7.31	Sulfate	0.267	0.054	15.76	0.877	BMB
Total:			2.568	0.343	100.00	4.003	

28 K2105653-001

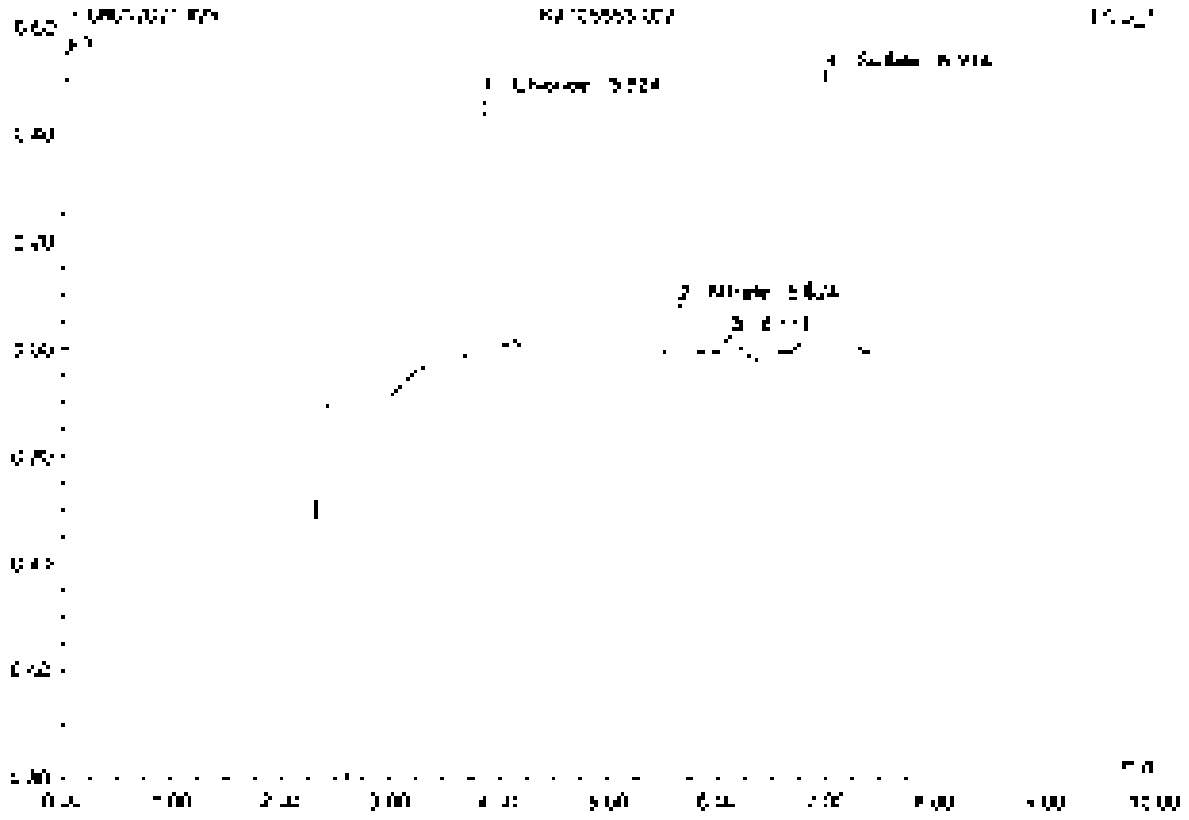
Sample Name	K2105653-001	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	5/2/2021 14:17	Sample Weight	1.0000
Run Time (max.	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.82	Chloride	0.475	0.056	28.75	0.660	BMB
2	5.62	Nitrate	0.085	0.012	5.57	0.064	BMB
3	6.17	n.a.	0.035	0.007	3.34	n.a.	BMB
4	6.57	Sulfate	0.514	0.120	61.94	1.541	BMB
Total:			1.116	0.196	100.00	2.265	

29 K2105653-002

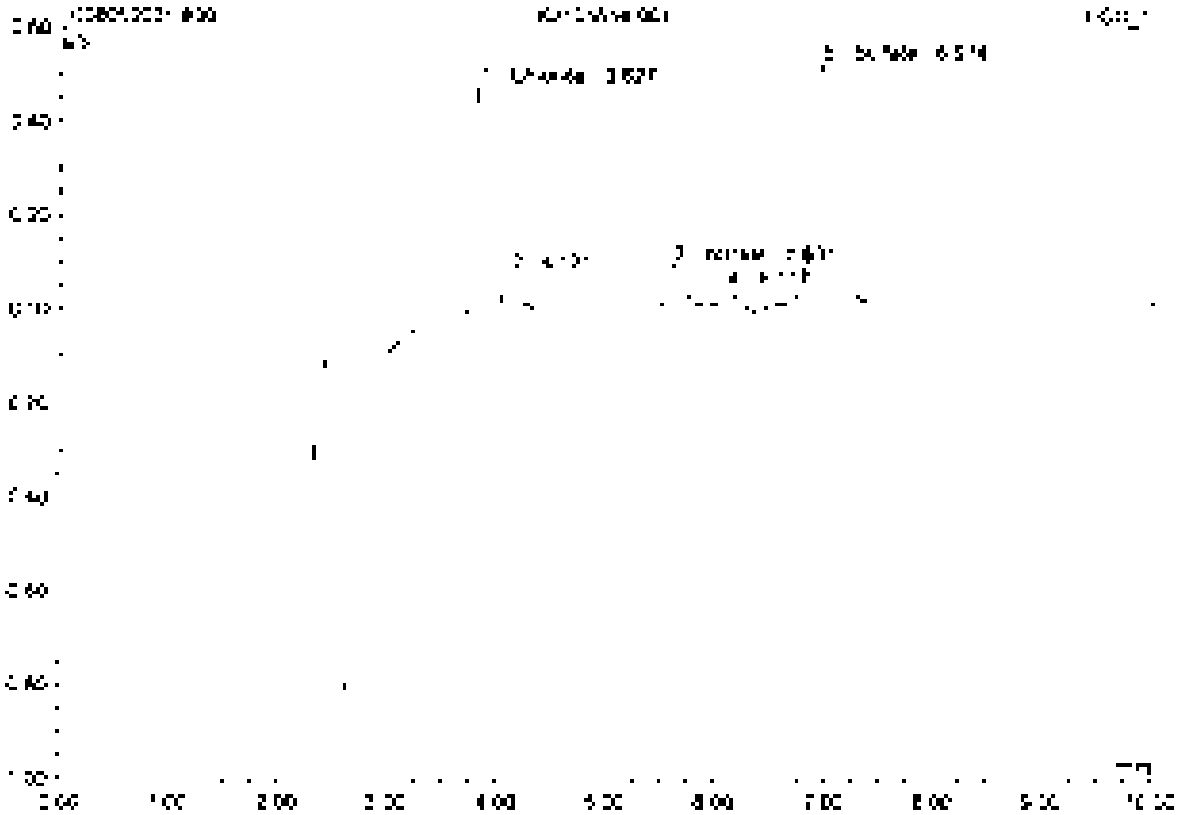
Sample Name	K2105653-002	Injection Volume	25.0
Vial Number	17	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	2.0000
Recording Time	8/20/2021 14:29	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.82	Chloride	0.475	0.056	28.81	0.657	BMB
2	5.62	Nitrate	0.094	0.015	7.60	0.071	BMB
3	[illegible]	n.a.	0.037	0.006	[illegible]	n.a.	BMB
4	6.57	Sulfate	0.523	0.119	60.67	1.940	BMB
Total:			[illegible]	0.197	100.00	2.662	

30 K2105654-001

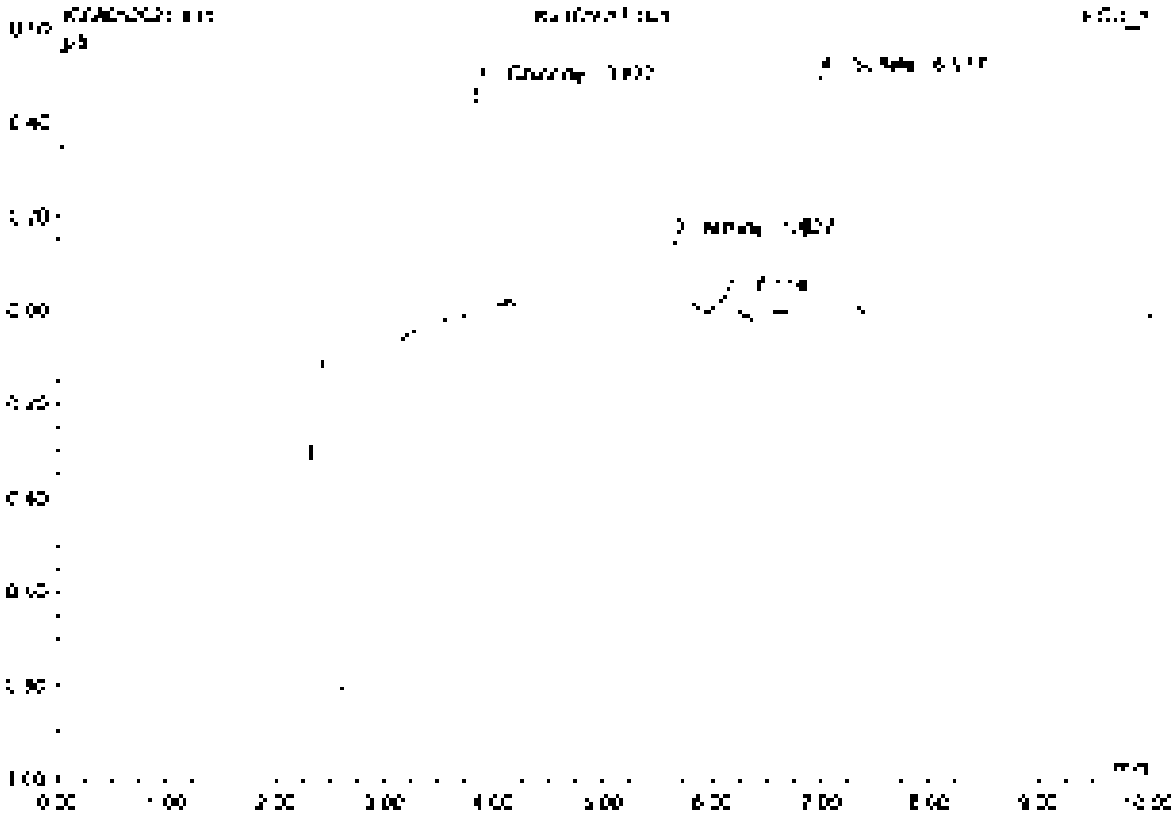
Sample Name	K2105654-001	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	5/20/2021 18:41	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.83	Chloride	0.671	0.054	27.17	0.625	BMb
2	4.12	n.a.	0.061	0.007	3.47	n.a.	bMB
3	5.53	Nitrate	0.088	0.014	7.17	0.063	BMb
4	5.92	n.a.	0.040	0.007	3.34	n.a.	bMB
5	6.67	Sulfate	0.507	0.117	58.85	1.902	BMB
Total:			1.167	0.199	100.00	2.595	

31 K2105657-001

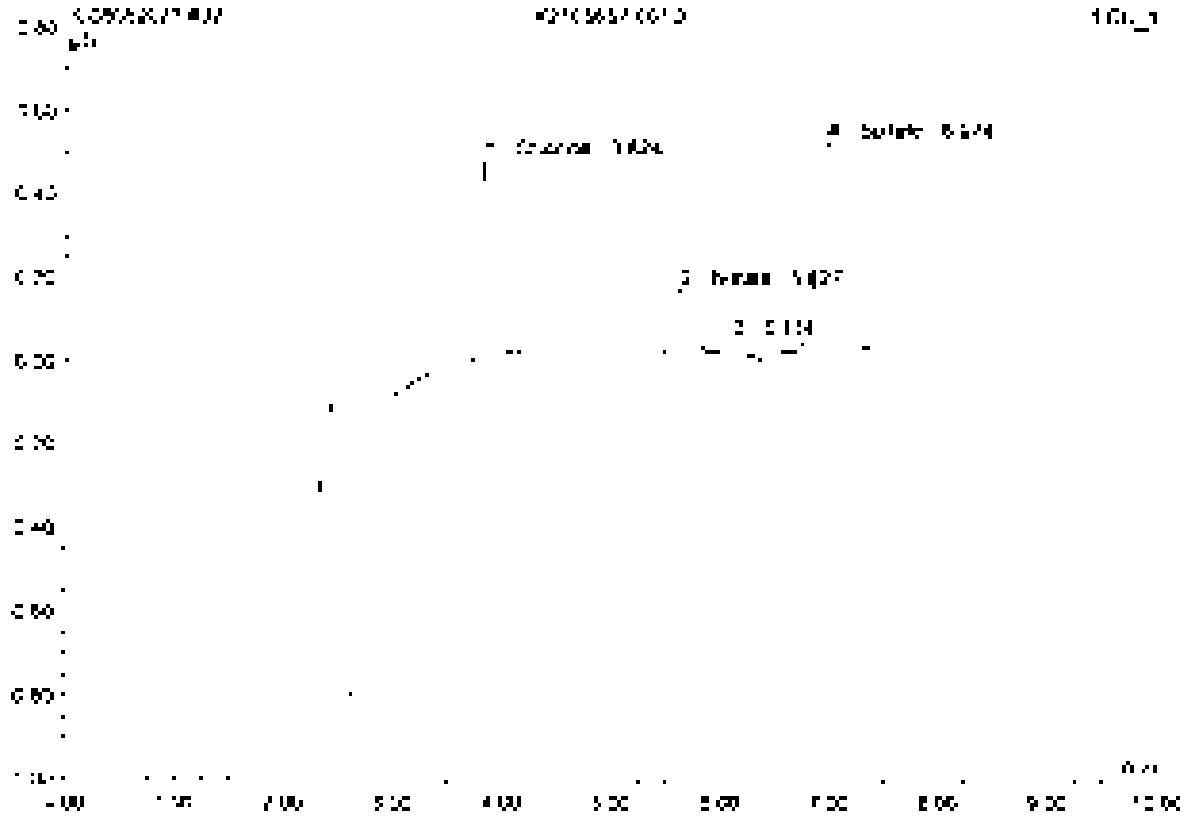
Sample Name	K2105657-001	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantit. Method	apa300	Dilution Factor	2.0000
Recovery Time	5/20/2021 14:32	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.83	Chloride	0.482	0.057	27.87	0.657	BMB
2	5.63	Nitrate	0.154	0.025	12.15	0.118	BMB
3	6.11	n.a.	0.035	0.006	2.84	n.a.	BMB
4	6.50	Sulfate	0.504	0.117	57.14	1.892	BMB
Total:			[illegible]	0.204	100.00	2.666	

32 K2105657-001D

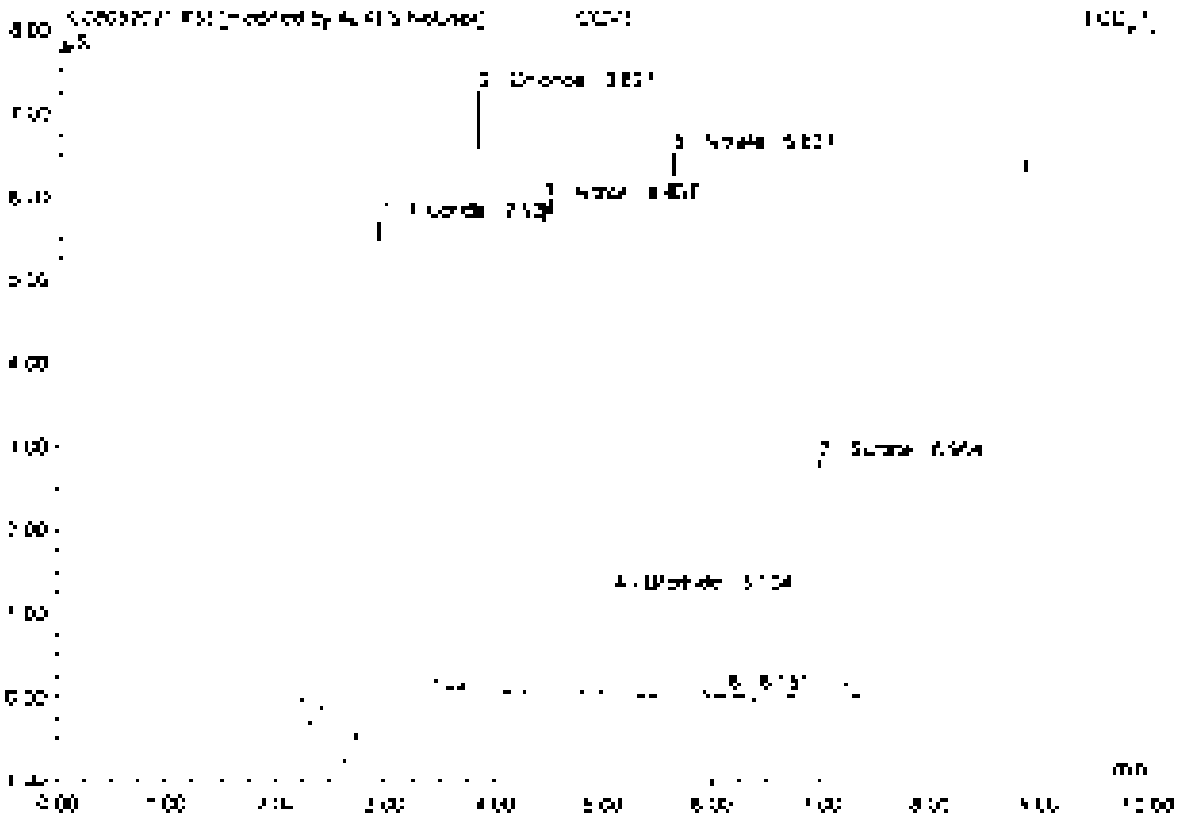
Sample Name	K2105657-001D	Injection Volume	25.0
Vial Number	20	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	5/20/2021 15:04	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.82	Chloride	0.482	0.058	22.43	0.658	BMB
2	5.63	Nitrate	0.152	0.024	12.04	0.145	BMB
3	6.11	n.a.	0.037	0.006	2.98	n.a.	BMB
4	5.97	Sulfate	0.500	0.115	58.58	1.869	BMB
Total:			1.172	0.203	100.00	2.684	

33 CCV3

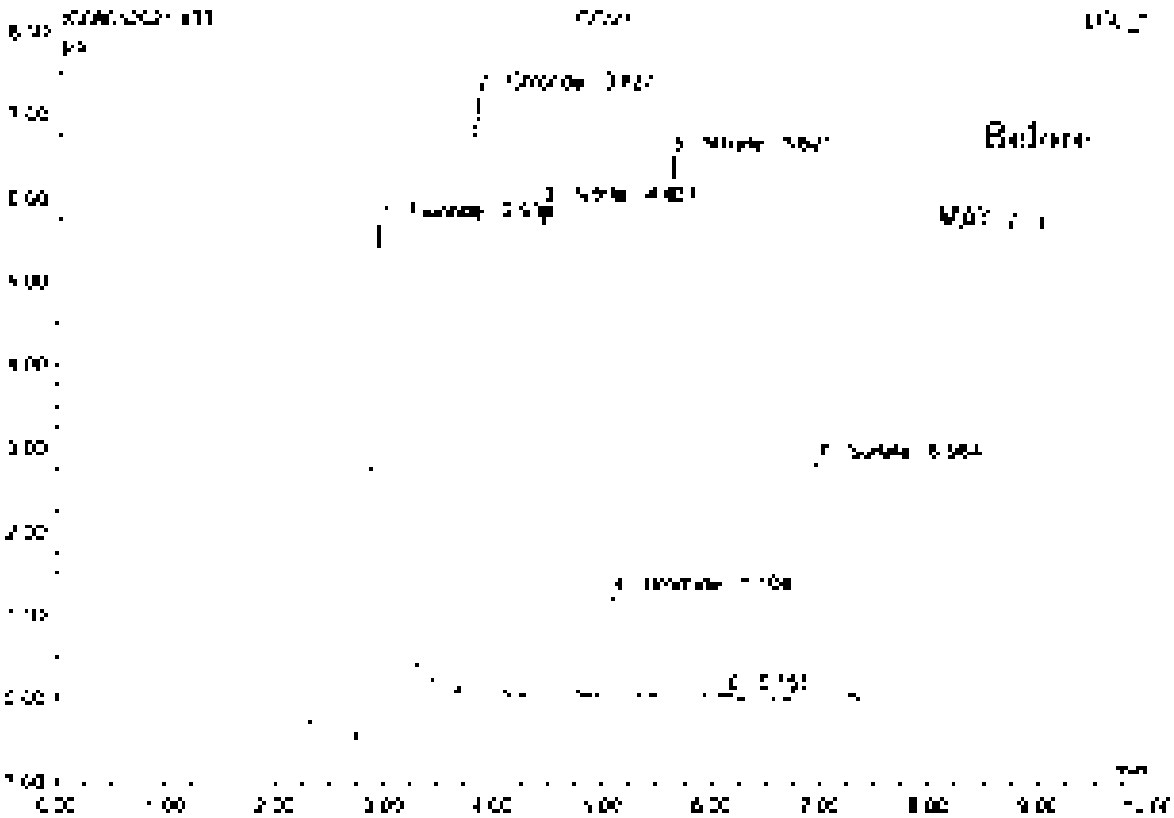
Sample Name	CCV3	Injection Volume	25.0
Vial Number	48	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	5/20/2021 15:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.91	Fluoride	6.072	1.272	26.03	5.066	BMB*
2	3.83	Chloride	7.180	0.845	17.38	4.906	BMB*
3	4.44	Nitrite	5.890	0.923	18.89	2.594	BMB
4	5.10	Bromide	1.222	0.179	3.67	2.020	BMB
5	5.62	Nitrate	6.523	1.044	21.36	2.421	BMB
6	6.15	n.a.	0.045	0.007	0.15	n.a.	BMB
7	6.96	Sulfate	2.835	0.612	12.52	4.568	BMB
Total:			29.773	4.887	100.00	22.545	

33 CCV3

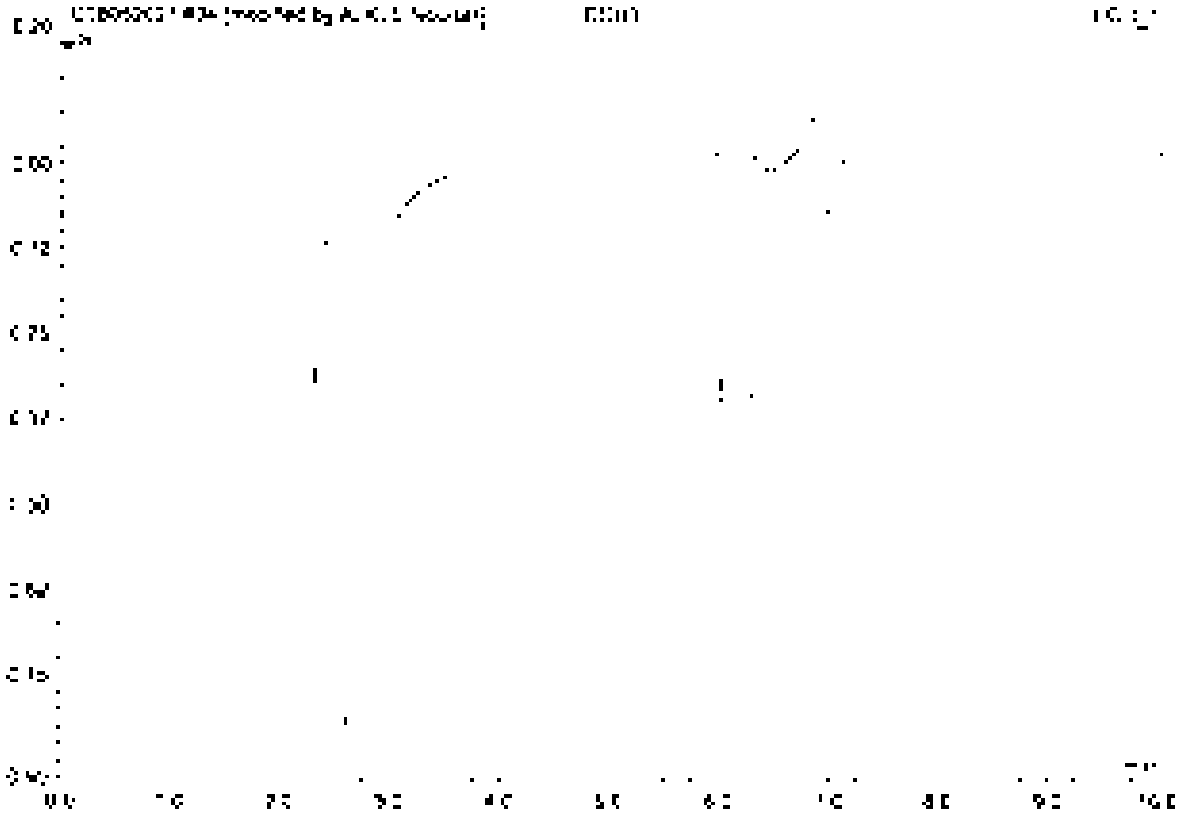
Sample Name	CCV3	Injection Volume	25.0
Vial Number	45	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recovery Time	5/20/2021 15:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.90	Fluoride	6.090	1.015	26.68	5.237	BMB
2	3.23	Chloride	7.186	0.849	17.20	4.806	BMB
3	4.44	Nitrite	5.890	0.923	18.73	2.594	BMB
4	5.10	Bromide	5.222	0.179	3.64	2.528	BMB
5	5.62	Nitrate	6.523	1.044	21.17	2.481	BMB
6	6.15	n.a.	0.046	0.007	0.14	n.a.	BMB
7	6.56	Sulfate	9.835	0.812	16.41	4.868	BMB
Total:			39.794	4.930	100.00	22.715	

34 CCB3

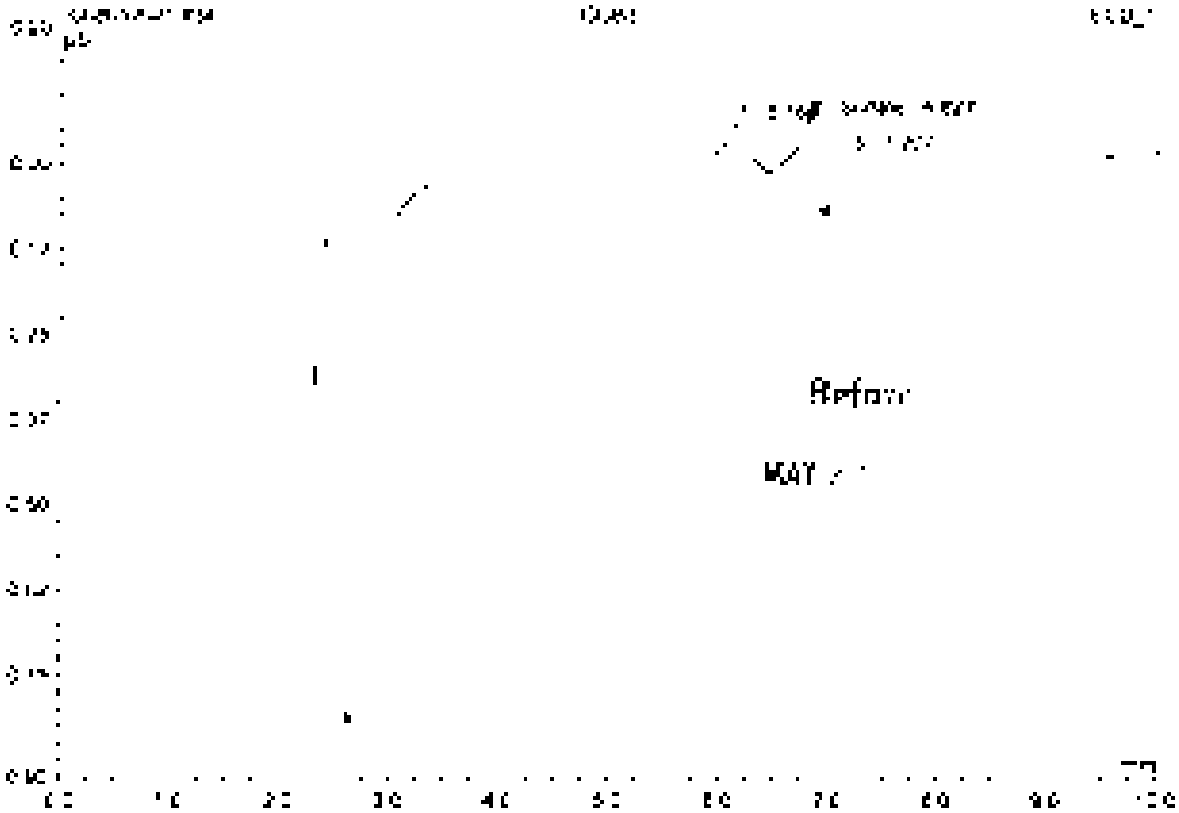
Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Calibrn Program	epa300	Bandwidth	n.a.
Current Method	epa300	Dilution Factor	1.0000
Recording Time	5/21/2021 15:27	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

34 CCB3

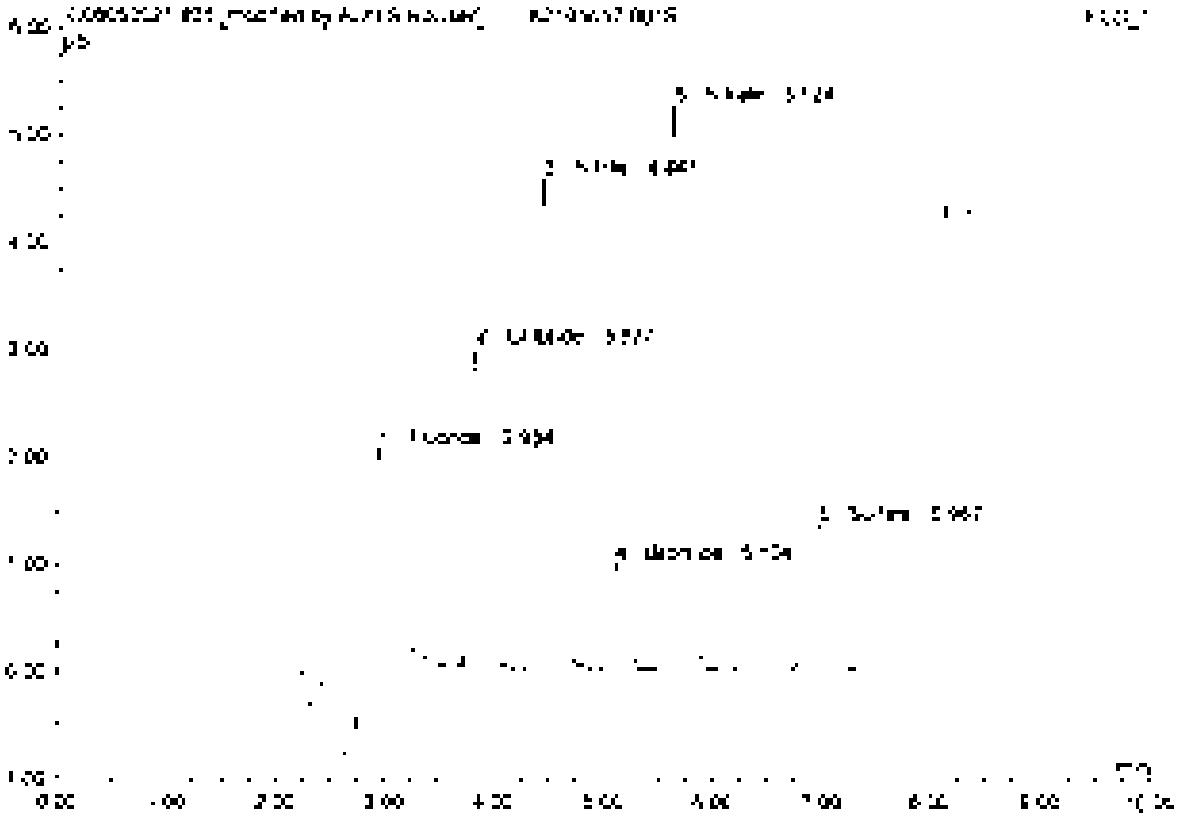
Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	5/20/2021 18:27	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.16	n.a.	0.125	1.445	91.50	n.a.	BMB
2	5.82	Sulfate	0.124	0.076	4.75	0.224	bMD
3	7.21	n.a.	0.027	0.105	6.65	n.a.	BMB
Total:			0.334	1.577	100.00	0.224	

35 K2105657-001S

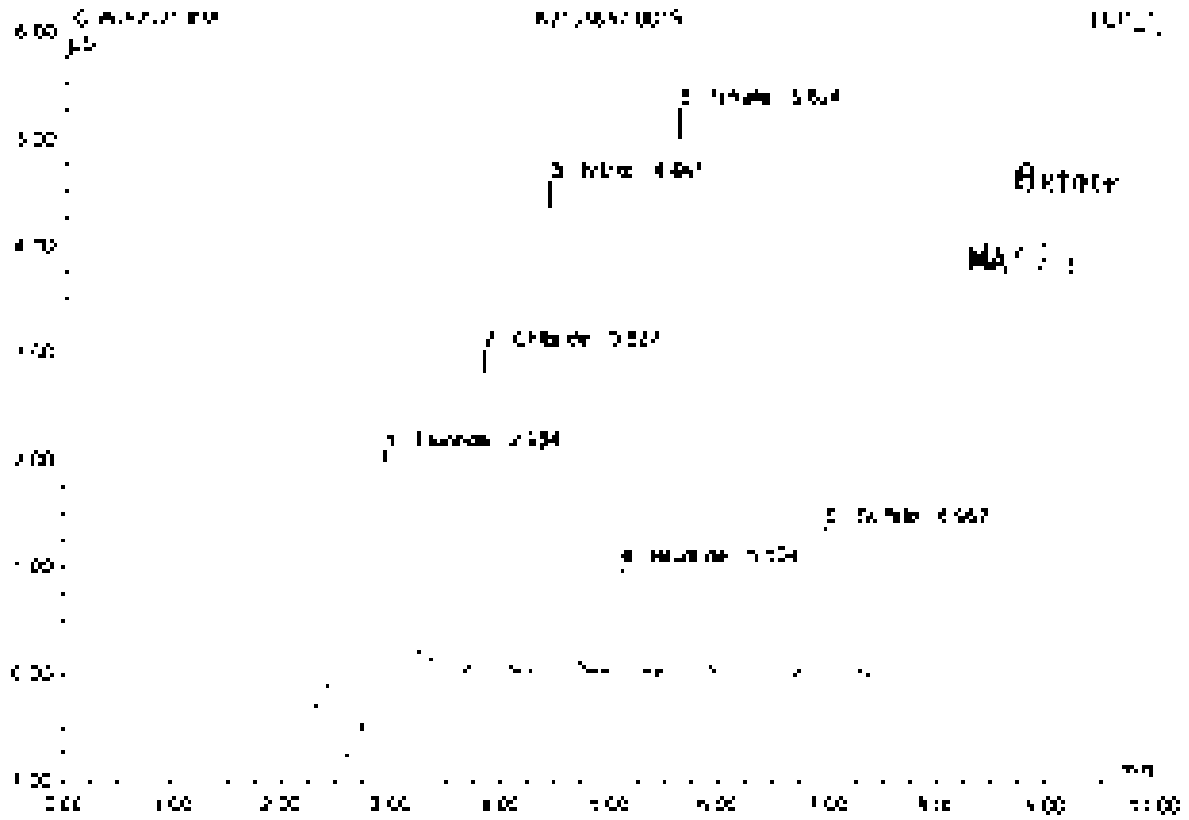
Sample Name	K2105657-001S	Injection Volume	25.0
Vial Number	21	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	4.0000
Recording Time	5/20/2021 15:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.92	Fluoride	2.458	0.567	19.35	9.036	BMB*
2	3.83	Chloride	2.686	0.357	12.18	8.245	BMB*
3	4.45	Nitrite	4.570	0.717	24.42	8.061	BMB
4	5.70	Bromide	0.581	0.144	4.91	8.115	BMB
5	5.82	Nitrate	5.266	0.847	28.96	8.049	BMB
6	6.97	Sulfate	2.088	0.298	10.17	9.072	BMB
Total:			17.695	2.929	100.00	51.172	

35 K2105857-001S

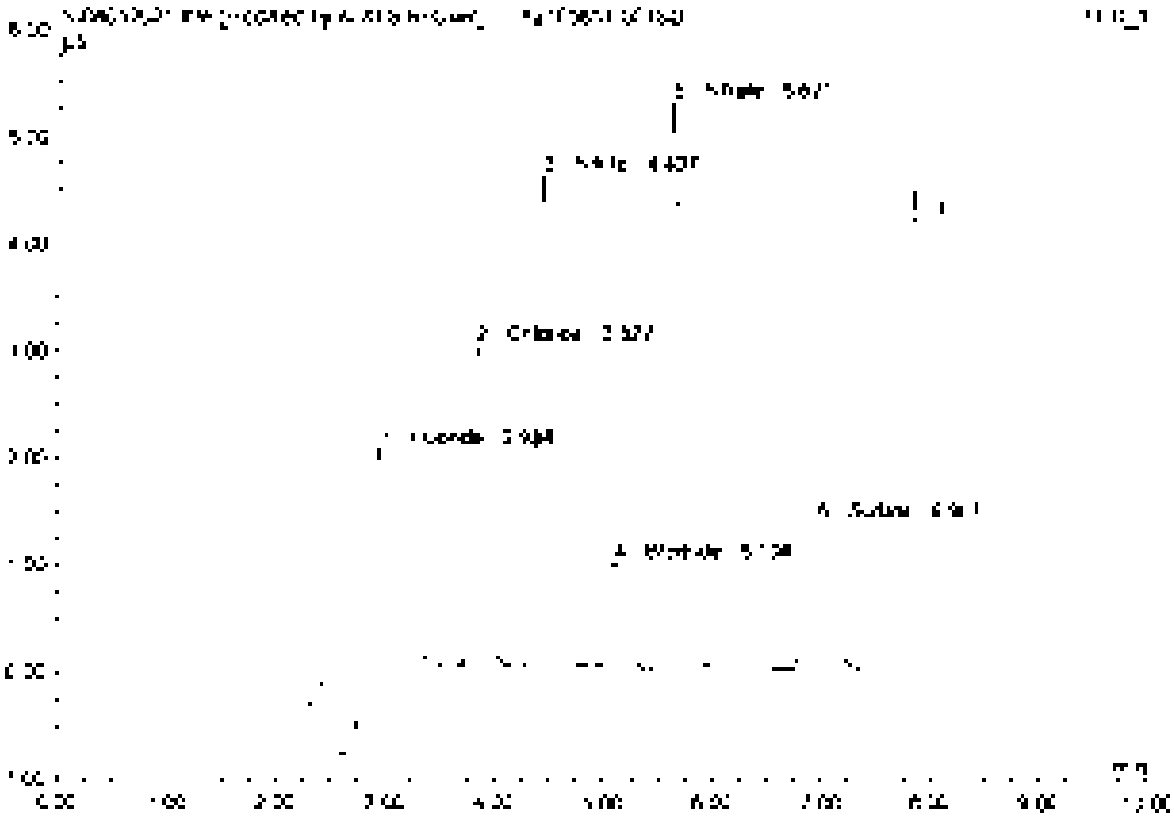
Sample Name	K2105857-001S	Injection Volume	25.0
Vial Number	21	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	4.0000
Recording Time	5/20/2021 15:39	Sample Weight	1.0000
Run Time (min)	40.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.30	Fluoride	2.437	0.626	20.94	9.968	BMB
2	3.52	Chloride	2.588	0.357	11.94	8.245	BMB
3	4.44	Nitrite	4.579	0.717	24.00	8.060	BMB
4	5.10	Bromide	0.581	0.144	4.82	5.175	BMB
5	5.62	Nitrate	5.266	0.847	28.33	8.040	BMB
6	6.97	Sulfate	1.368	0.298	9.97	9.672	BMB
Total:			17.655	2.988	100.00	52.119	

36 K2105857-001SD

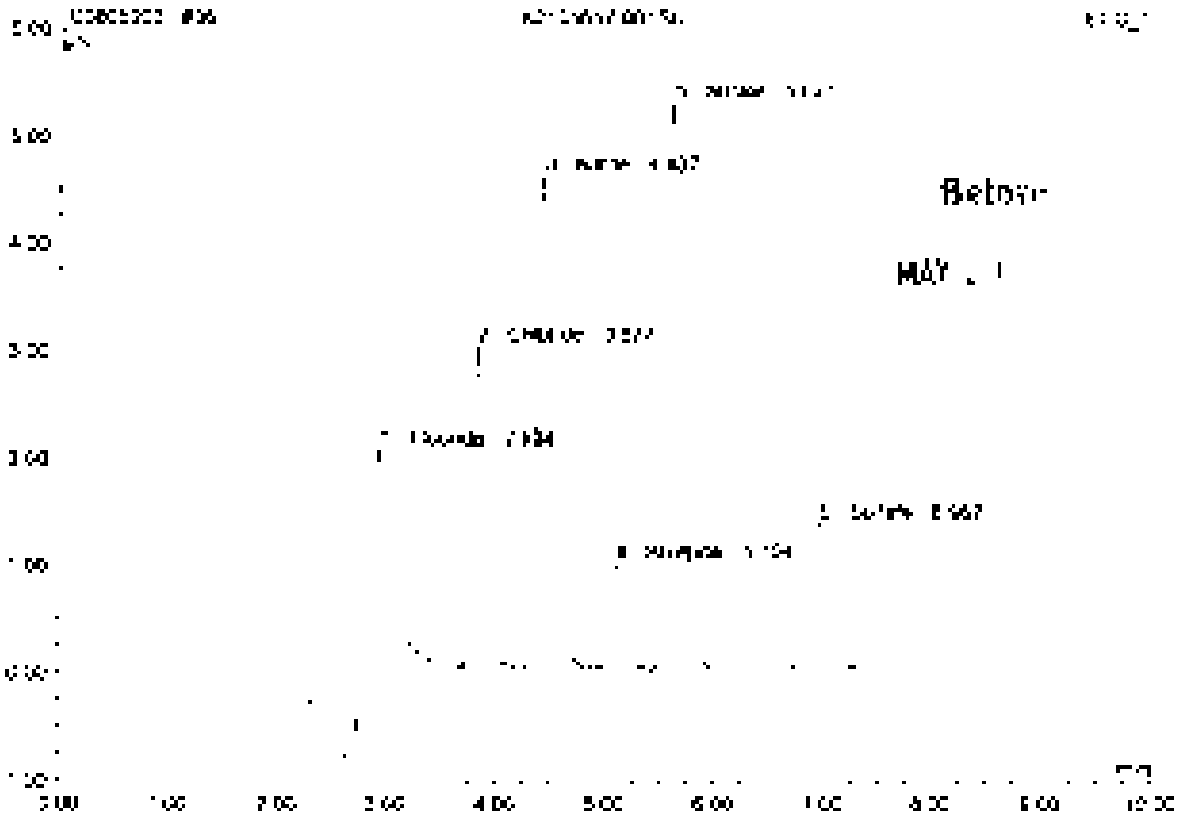
Sample Name	K2105857-001SD	Injection Volume	25.0
Vial Number	22	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	4.0000
Recording Time	5/20/2021 13:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.90	Fluoride	2.464	0.565	19.27	9.003	BMB*
2	3.83	Chloride	9.992	0.357	12.17	8.250	BMB*
3	4.44	Nitrite	4.599	0.718	24.48	8.071	BMB
4	5.70	Bromide	0.585	0.144	4.92	2.145	BMB
5	5.82	Nitrate	5.286	0.650	22.16	8.081	BMB
6	6.97	Sulfate	1.372	0.299	10.19	5.709	BMB
Total:			17.700	2.934	100.00	41.260	

36 K2105657-001SD

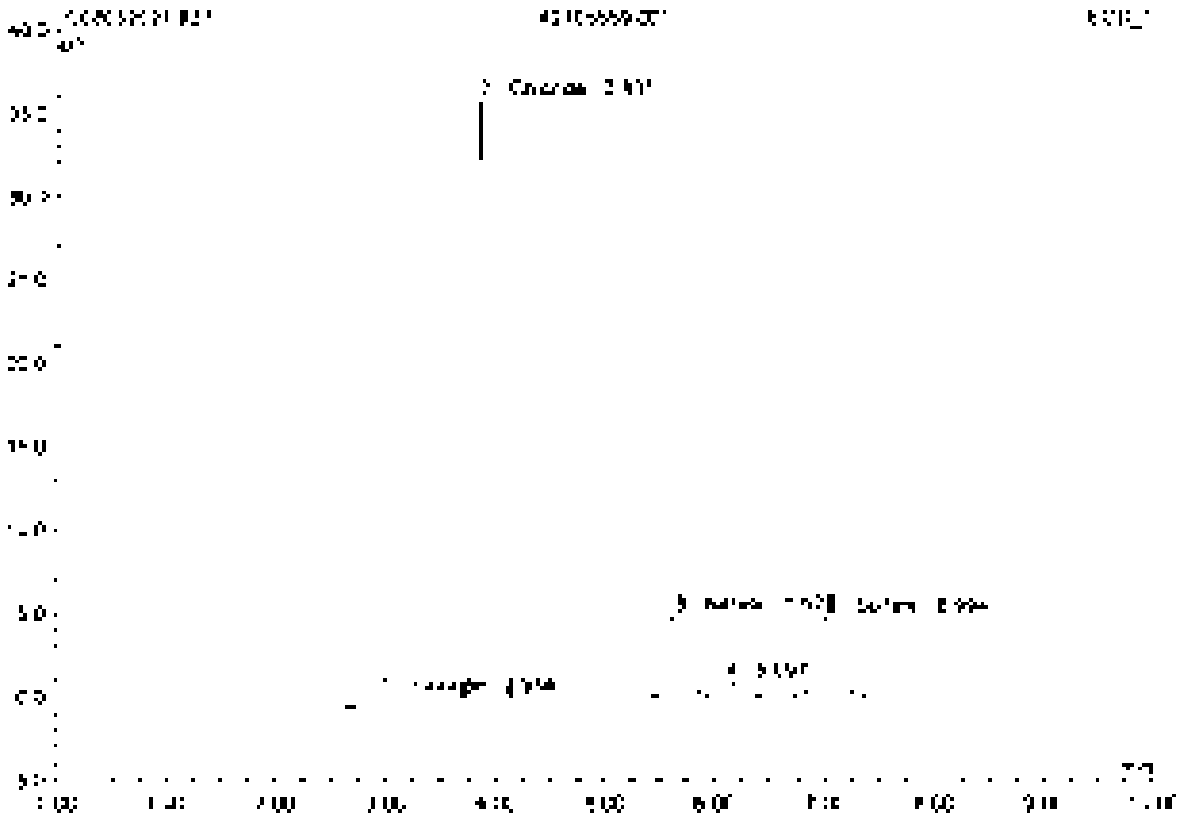
Sample Name	K2105657-001SD	Injection Volume	25.0
Vial Number	22	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa100	Bandwidth	n.a.
Original Method	wpa100	Dilution Factor	4.0000
Recording Time	5/20/2021 15:51	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.93	Fluoride	2.497	0.527	20.93	0.954	BMb
2	3.82	Chloride	2.932	0.357	14.92	9.250	gMB
3	4.44	Nitrite	4.555	0.716	28.37	8.071	BVB
4	5.10	Bromide	0.985	0.144	4.82	8.145	BVB
5	5.67	Nitrate	5.288	0.550	28.37	8.081	BVB
6	6.57	Sulfate	1.372	0.299	9.98	9.709	BMb
Total			17.733	2.595	100.00	52.240	

37 K2105669-001

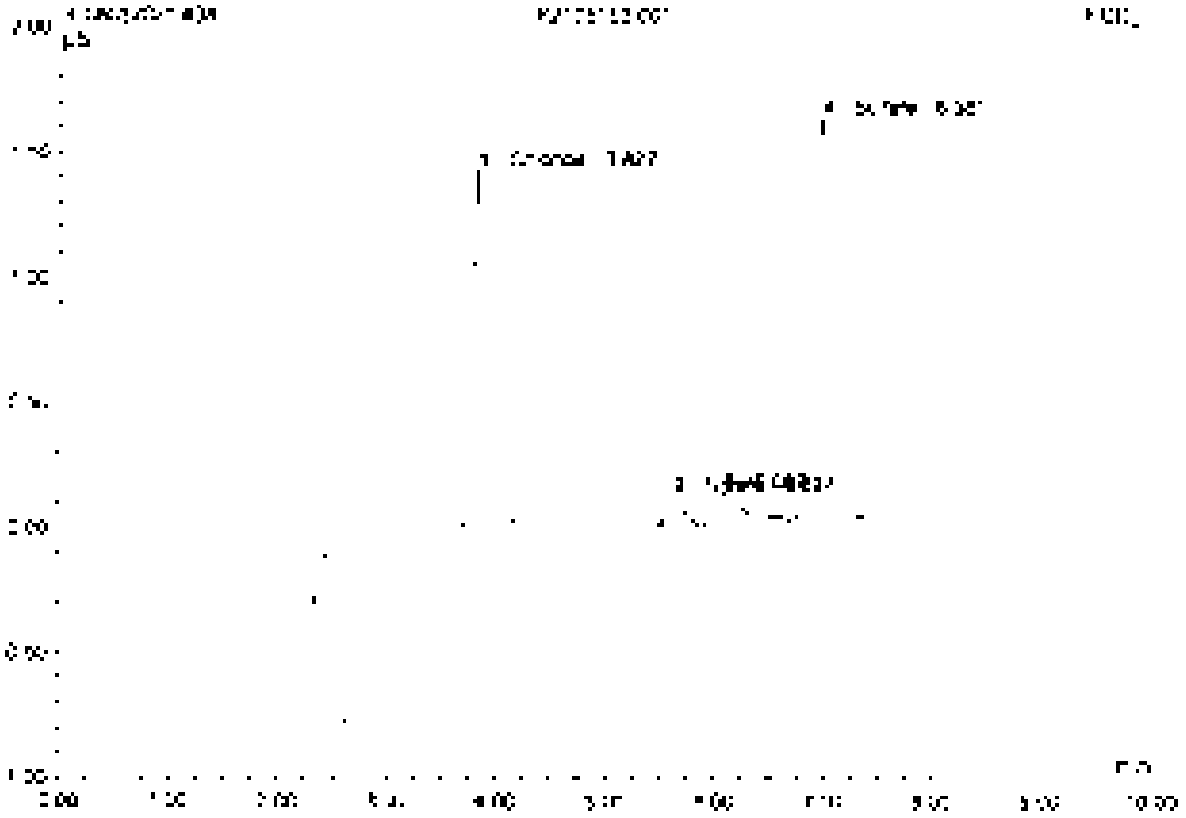
Sample Name	K2105669-001	Injection Volume	25.0
Vial Number	25	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Runtime	n.a.
Quant Method	epa300	Column Factor	2.0000
Recording Time	5/20/2021 16:03	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.35	Fluoride	0.522	0.267	4.29	2.125	BMB
2	3.62	Chloride	35.769	4.070	65.44	41.018	bMB
3	5.62	Nitrate	6.854	2.780	17.94	3.705	BMB
4	6.10	n.a.	0.319	0.201	3.23	n.a.	bMB
5	8.95	Sulfate	4.712	0.902	14.50	14.644	BMB
Total:			46.675	8.220	100.00	57.496	

38 K2105163-001

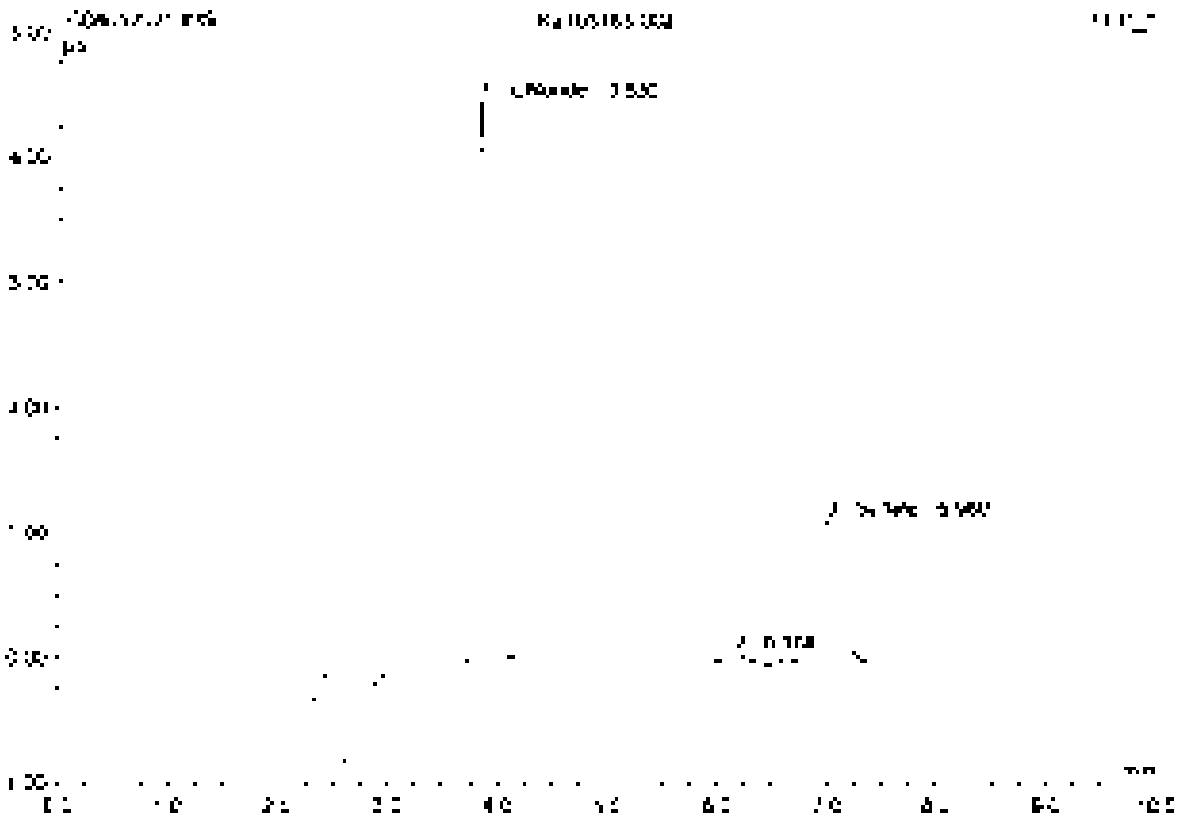
Sample Name	K2105163-001	Injection Volume	25.0
Vial Number	7	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	2.0000
Recording Time	5/20/2021 16:46	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.83	Chloride	1.417	0.171	31.44	1.971	BMB
2	5.63	Nitrate	0.117	0.019	3.46	0.069	BMB
3	6.95	n.a.	0.119	0.030	5.50	n.a.	BMB
4	8.38	Sulfate	1.597	0.323	59.60	5.797	BMB
Total:			3.250	0.542	100.00	7.837	

39 K2105183-002

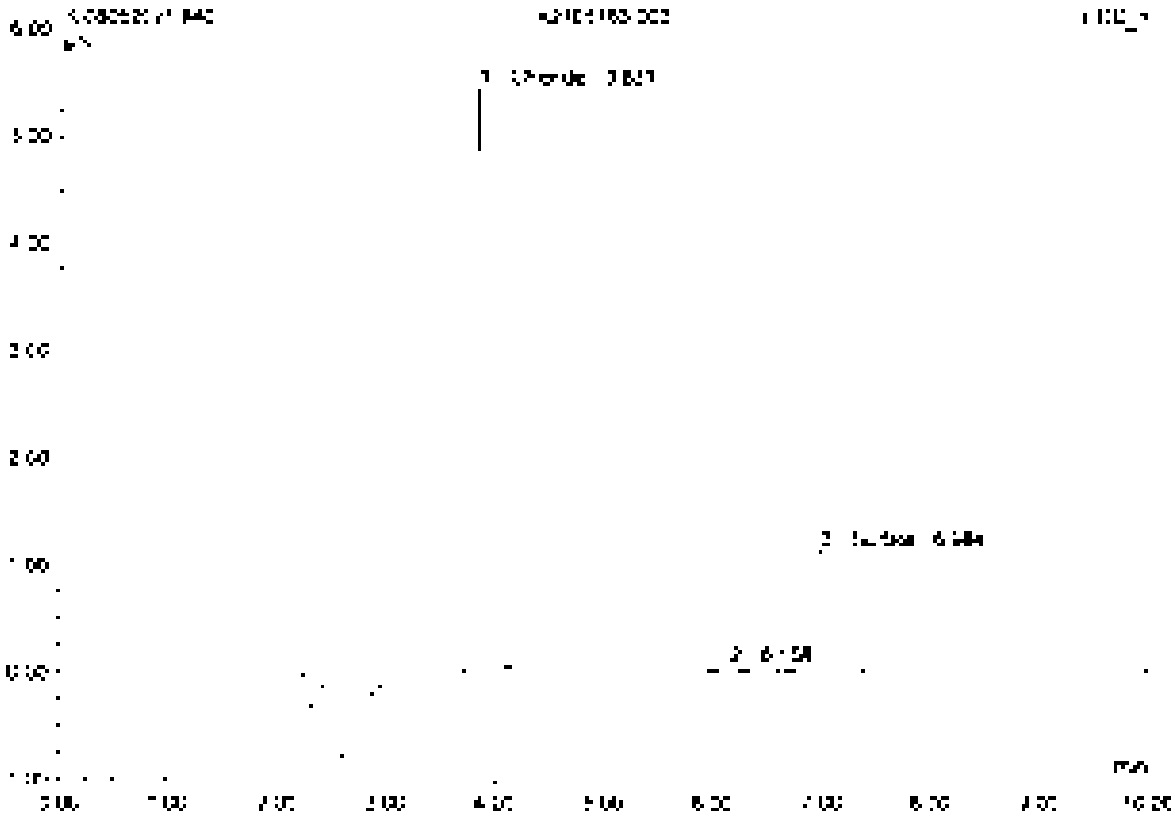
Sample Name	K2105183-002	Injection Volume	25.0
Vial Number	39	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	50.0000
Processing Time	3/29/2021 14:36	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.83	Chloride	5.478	0.535	65.92	154.875	BMB
2	6.16	n.a.	0.380	0.017	2.13	n.a.	BMB
3	6.98	Sulfate	1.147	0.259	31.94	105.207	BMB
Total:			5.705	0.811	100.00	260.082	

40 K2105163-003

Sample Name	K2105163-003	Injection Volume	25.0
Vial Number	20	Channel	ECD: 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	50.0000
Recording Time	5/20/2021 17:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.83	Chloride	5.445	0.648	70.66	187.052	BMB
2	6.18	n.a.	0.064	0.016	1.74	n.a.	BMB
3	6.98	Sulfate	1.175	0.250	27.59	102.585	BMB
Total:			6.685	0.917	100.00	289.638	

Default Integration

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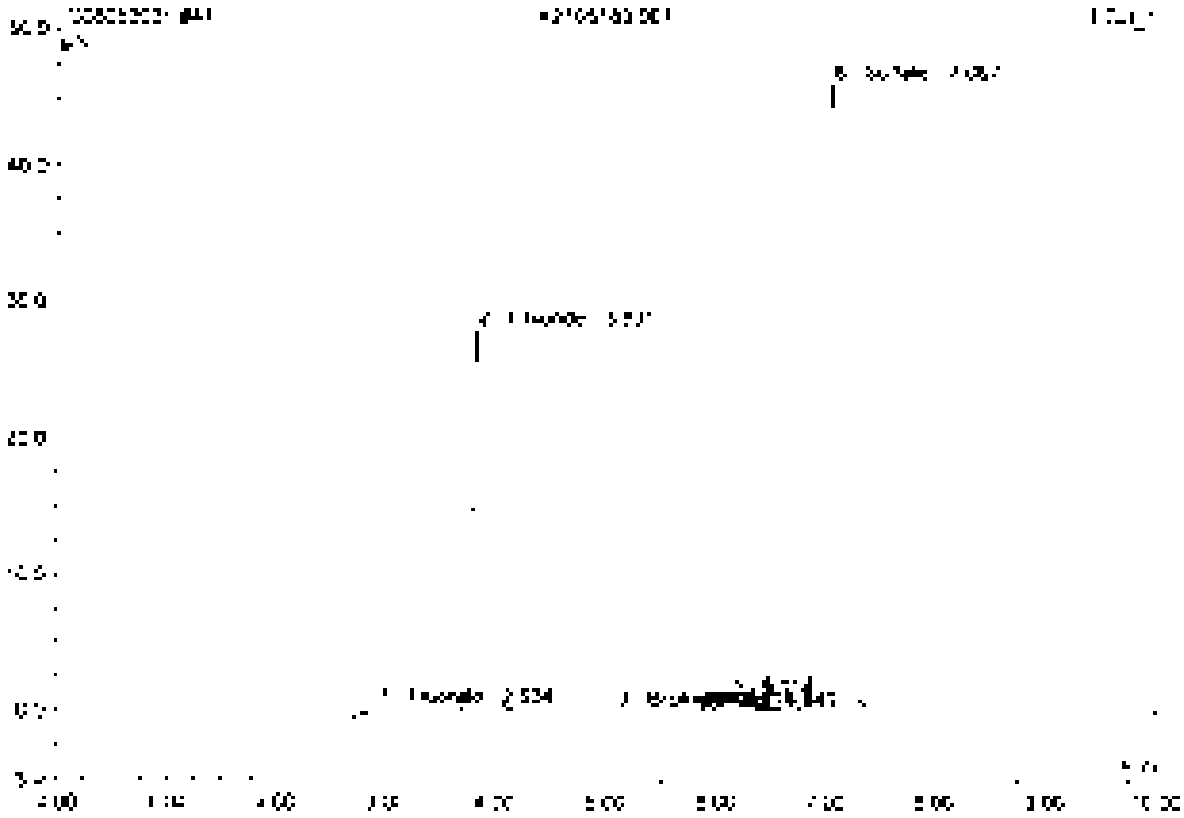
Version 6.80 SR11 Build 2302 (1962759)

41 K2105183-001

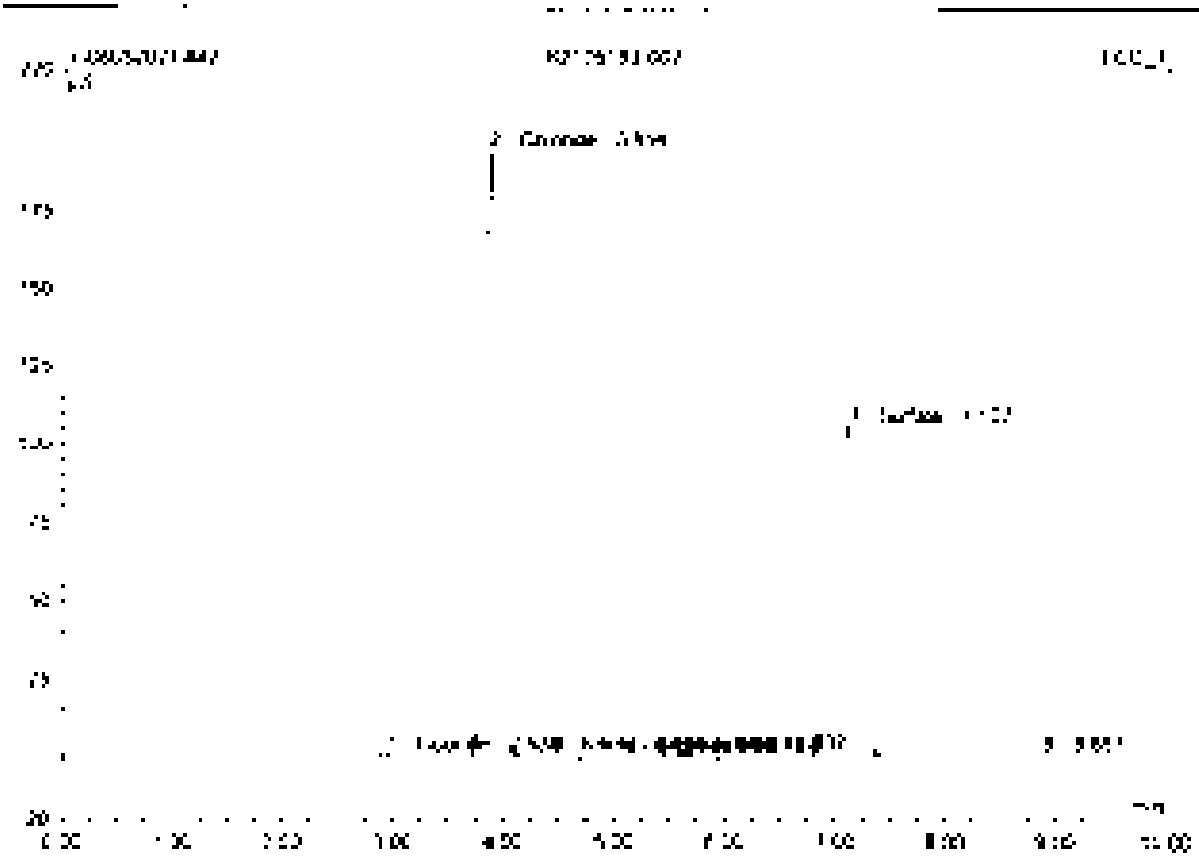
Sample Name	K2105183-001	Injection Volume	25.0
Vial Number	37	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	5/20/2021 17:21	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.93	Fluoride	0.563	0.232	1.36	1.550	BMB
2	3.63	Chloride	27.911	3.252	27.40	37.570	BMB
3	5.17	Bromide	0.026	0.006	0.05	0.156	BMB
4	5.64	Nitrate	0.041	0.007	0.05	0.017	BMB
5	6.15	n.a.	0.519	0.240	2.02	n.a.	BMB
6	7.07	Sulfate	43.630	8.134	68.52	132.075	BMB
Total:			75.700	11.871	100.00	171.583	

42 K2105183-002

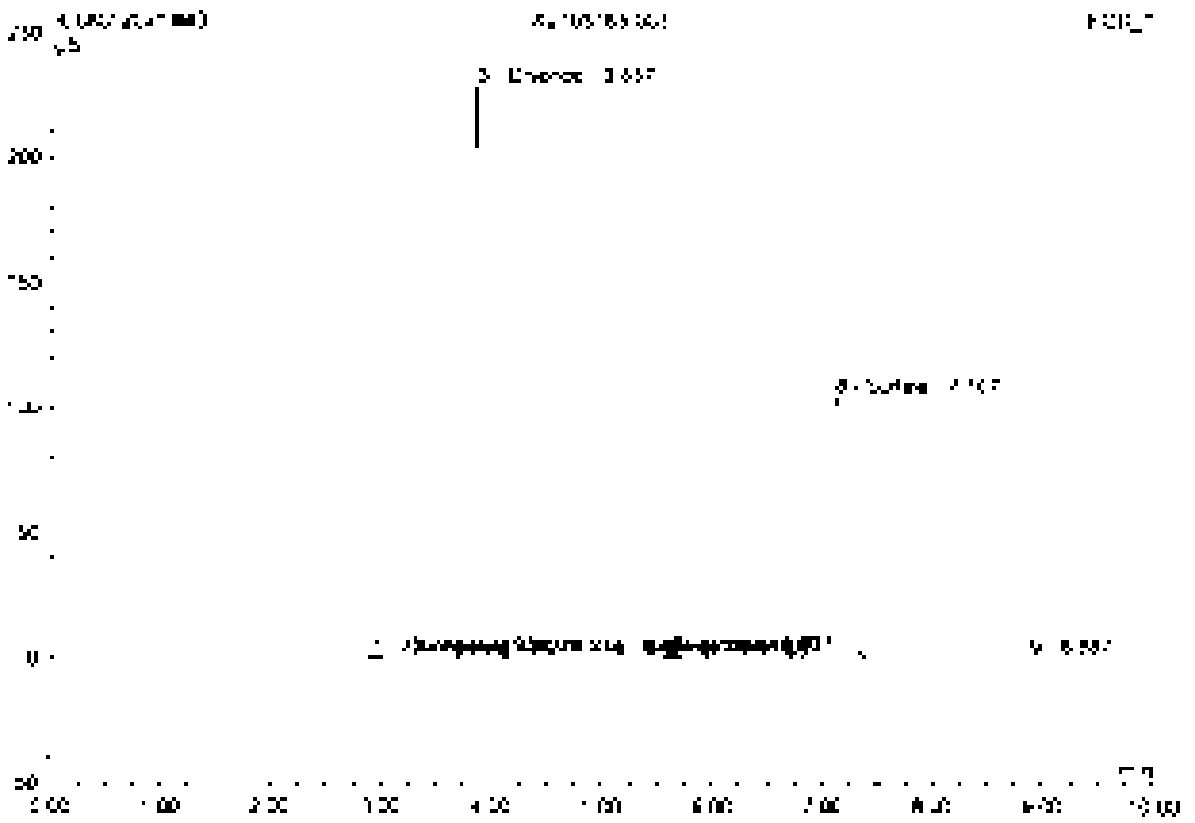
Sample Name	K2105183-002	Injection Volume	25.0
Vial Number	38	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantit. Method	apa300	Dilution Factor	2.0000
Recording Time	5/20/2021 17:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.93	Fluoride	0.706	0.252	0.59	2.004	BMB
2	3.85	Chloride	193.545	21.566	51.42	252.474	BMB
3	4.43	Nitrite	0.163	0.071	0.35	0.177	BMB
4	5.17	Bromide	0.045	0.007	0.02	0.197	BMB
5	5.64	Nitrate	0.578	0.055	0.22	0.452	BMB
6	6.17	n.a.	0.170	0.021	0.05	n.a.	BMB
7	7.17	Sulfate	104.435	20.246	47.63	332.720	BMB
8	8.69	n.a.	0.073	0.005	0.01	n.a.	BMB
Total:			299.668	42.504	100.00	583.973	

43 K2105183-003

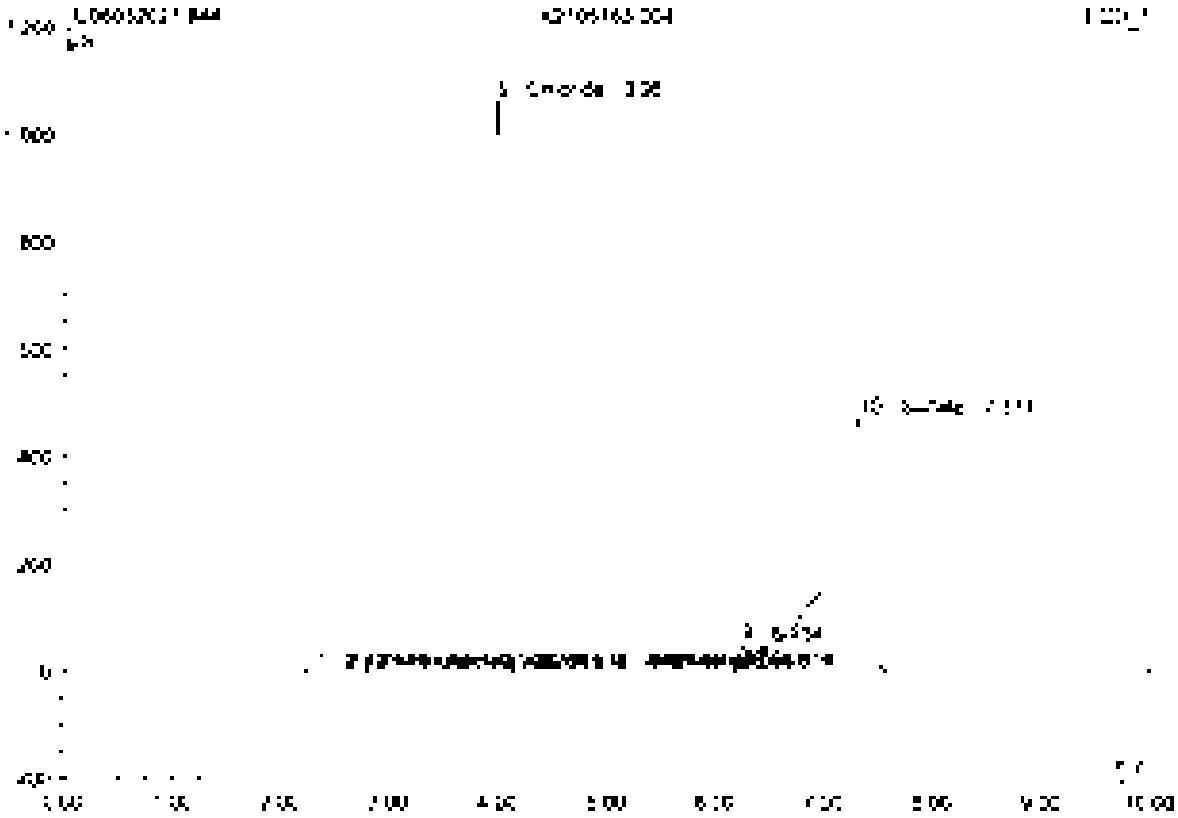
Sample Name	K2105183-003	Injection Volume	25.0
Vial Number	29	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	5/20/2021 17:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.90	Fluoride	0.011	0.101	0.25	0.045	BV B
2	3.38	Acetate	0.089	0.011	0.02	n.a.	BV B
3	3.80	Chloride	227.835	35.870	56.46	258.843	BV B
4	4.43	Nitrite	0.319	0.045	0.10	0.257	BV B
5	5.11	Bromide	0.054	0.009	0.02	0.230	BV B
6	5.64	Nitrate	0.100	0.115	0.25	0.549	BV B
7	6.15	n.a.	0.068	0.015	0.03	n.a.	BV B
8	7.11	Sulfate	103.136	19.514	42.81	318.477	BV B
9	8.89	n.a.	0.024	0.006	0.01	n.a.	BV B
Total:			332.937	45.817	100.00	619.350	

44 K2105183-004

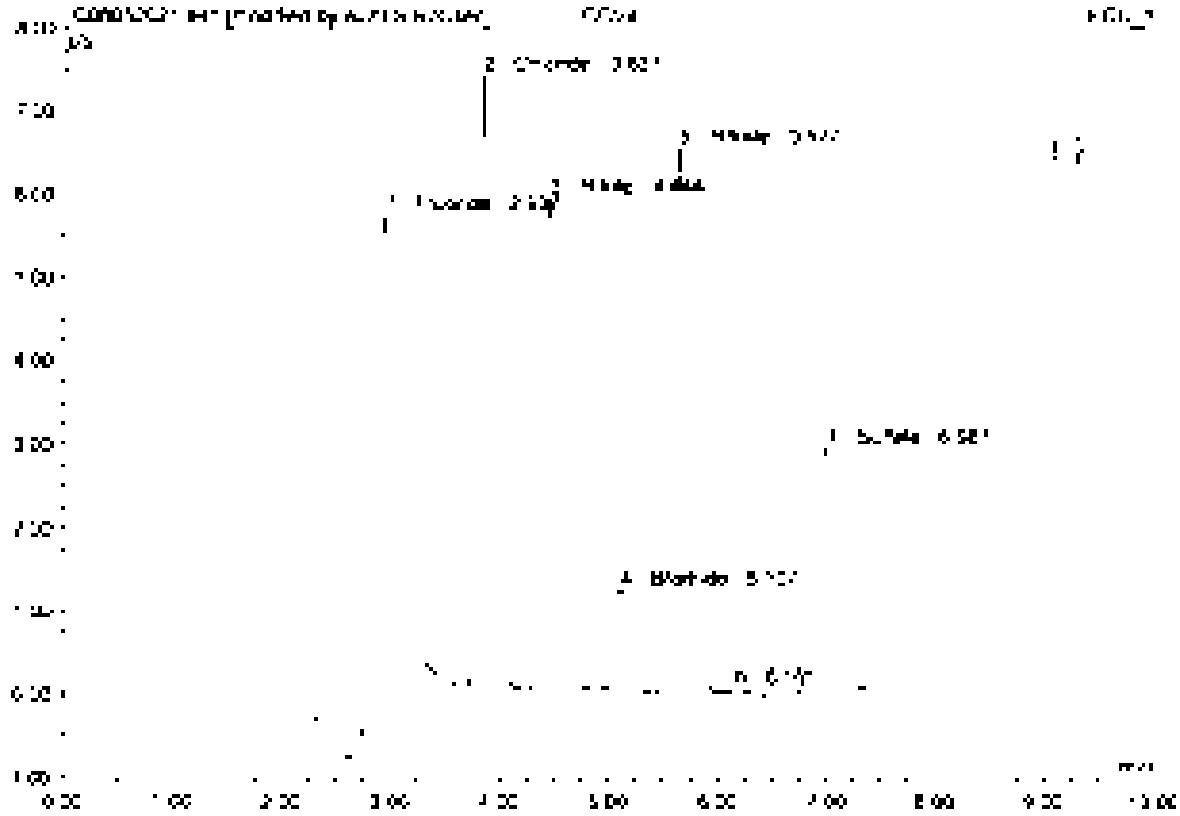
Sample Name	K2105183-004	Injection Volume	35.0
Vial Number	33	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	5/20/2021 17:56	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.32	n.a.	0.584	0.042	0.01	n.a.	BMB
2	2.62	n.a.	0.372	0.191	0.06	n.a.	bMD
3	2.90	Fluoride	0.370	0.067	0.02	0.452	BMB
4	3.25	Acetate	0.058	0.009	0.00	n.a.	BMB
5	3.36	Chloride	1054.241	175.820	52.82	2042.710	BMB
6	4.42	Nitrite	0.237	0.030	0.01	0.171	BMB
7	5.09	Bromide	0.627	0.128	0.04	3.596	BMB
8	5.61	Nitrate	0.636	0.106	0.03	0.503	BMB
9	6.25	n.a.	38.664	3.768	1.13	n.a.	BMB
10	7.31	Sulfate	460.207	153.628	45.89	2434.380	bMD
Total:			1566.895	334.794	100.00	4541.823	

45 CCV4

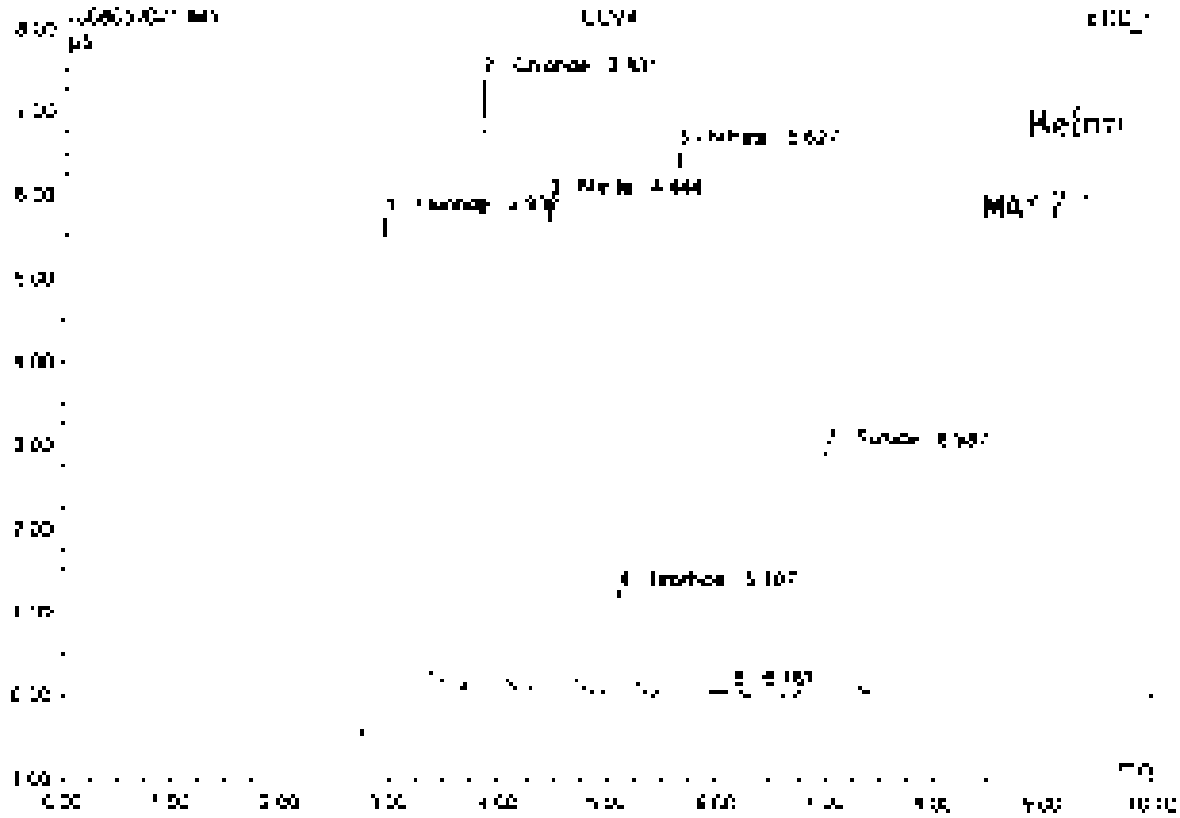
Sample Name	CCV4	Injection Volume	25.0
Vial Number	45	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recovery Time	5/20/2021 18:12	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	6.115	1.773	25.71	0.070	BMB*
2	3.83	Chloride	7.342	0.875	12.67	5.054	BMB*
3	4.48	Nitrite	5.507	0.927	13.43	2.696	BMB
4	5.[illegible]	Bromide	1.227	0.180	2.61	2.537	BMB
5	5.63	Nitrate	8.553	1.449	21.00	2.463	BMB
6	6.15	n.a.	0.061	0.011	0.15	n.a.	BMB
7	6.89	Sulfate	2.925	0.635	12.86	5.164	BMB
Total:			30.133	6.851	100.00	22.924	

46 CCV4

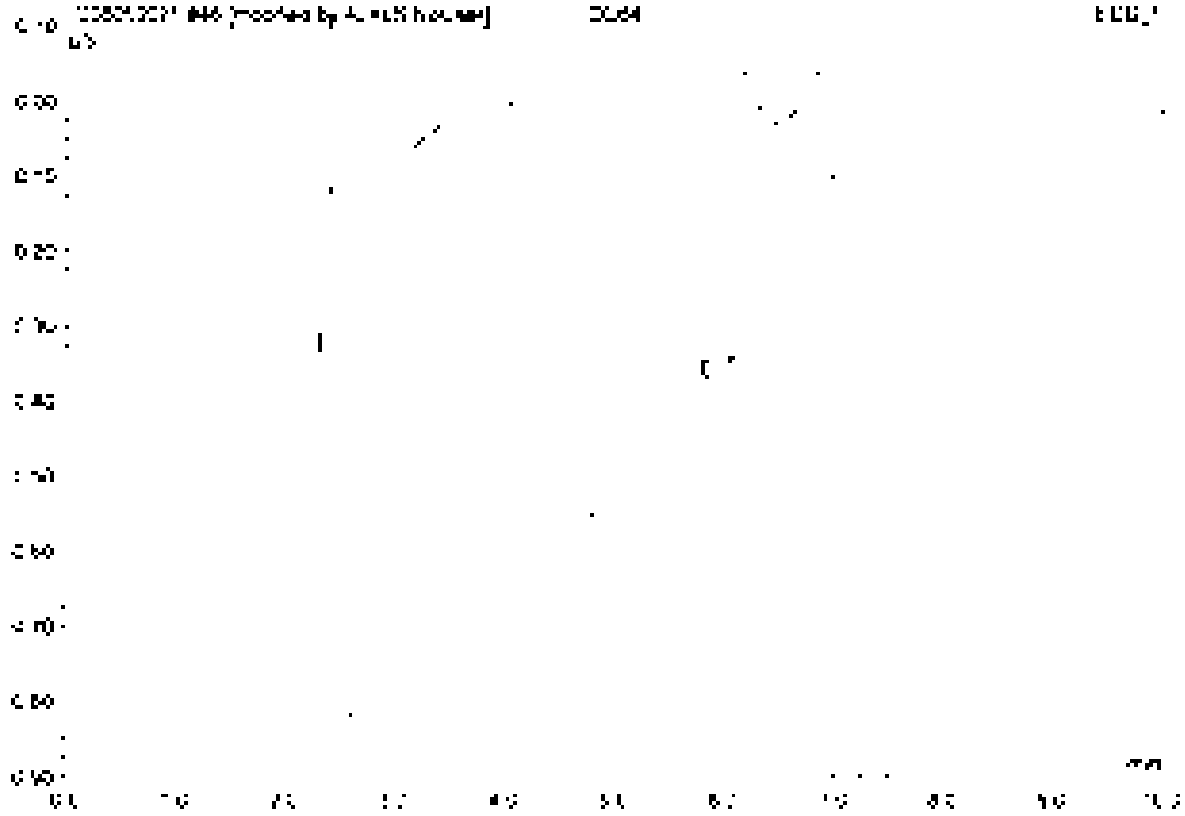
Sample Name	CCV4	Injection Volume	25.0
Vial Number	46	Channel	ECD_1
Sample Type	Unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	5/20/2021 18:12	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	6.141	1.324	26.48	5.274	BMb
2	3.83	Chloride	7.342	0.875	17.49	5.354	BVB
3	4.44	Nitrite	5.907	0.927	18.54	2.606	BVB
4	5.11	Bromide	1.227	0.150	2.99	2.517	BVB
5	5.53	Nitrate	6.550	1.049	20.97	2.493	BMb
6	6.16	n.a.	0.081	0.011	0.21	n.a.	BMB
7	6.39	Sulfate	2.928	0.638	12.77	5.164	BMB
Total:			30.158	5.002	100.00	23.128	

46 CCB4

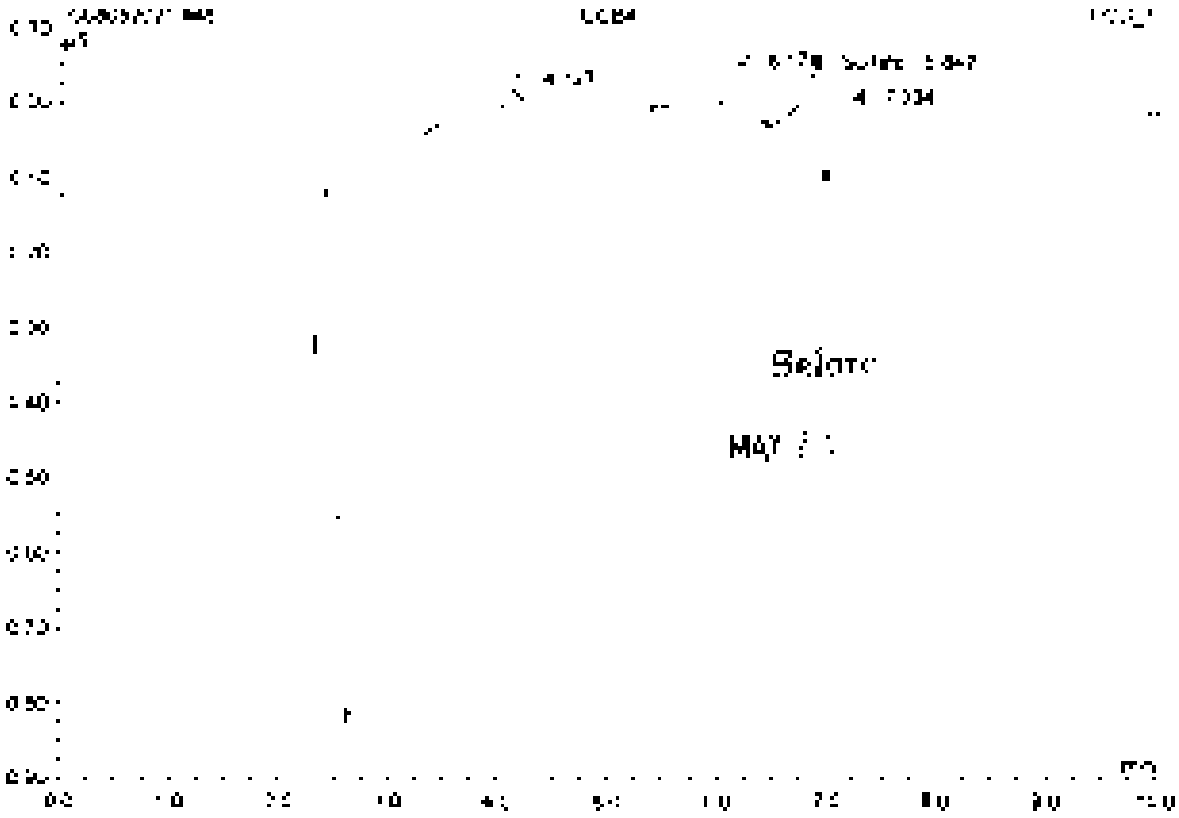
Sample Name	CCB4	Injection Volume	25.0
Vial Number	46	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	5/20/2021 18:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

46 CCB4

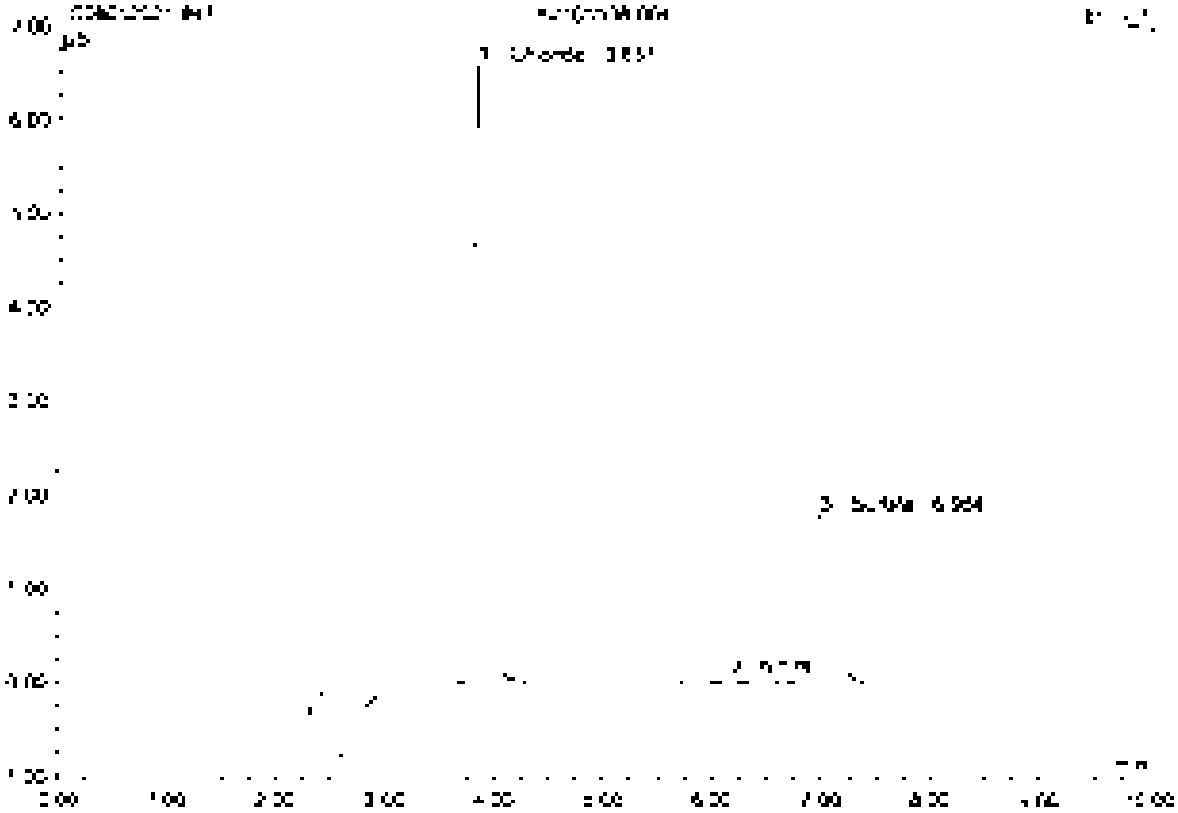
Sample Name	CCB4	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	5/20/2021 18:24	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.13	n.a.	0.395	0.943	84.56	n.a.	BMB
2	6.17	n.a.	0.064	0.018	1.65	n.a.	bMb
3	6.55	Sulfate	0.123	0.026	2.43	0.227	bMB
4	7.22	n.a.	0.088	0.132	11.46	n.a.	BMB
Total:			0.673	1.150	100.00	0.227	

47 K2105538-004

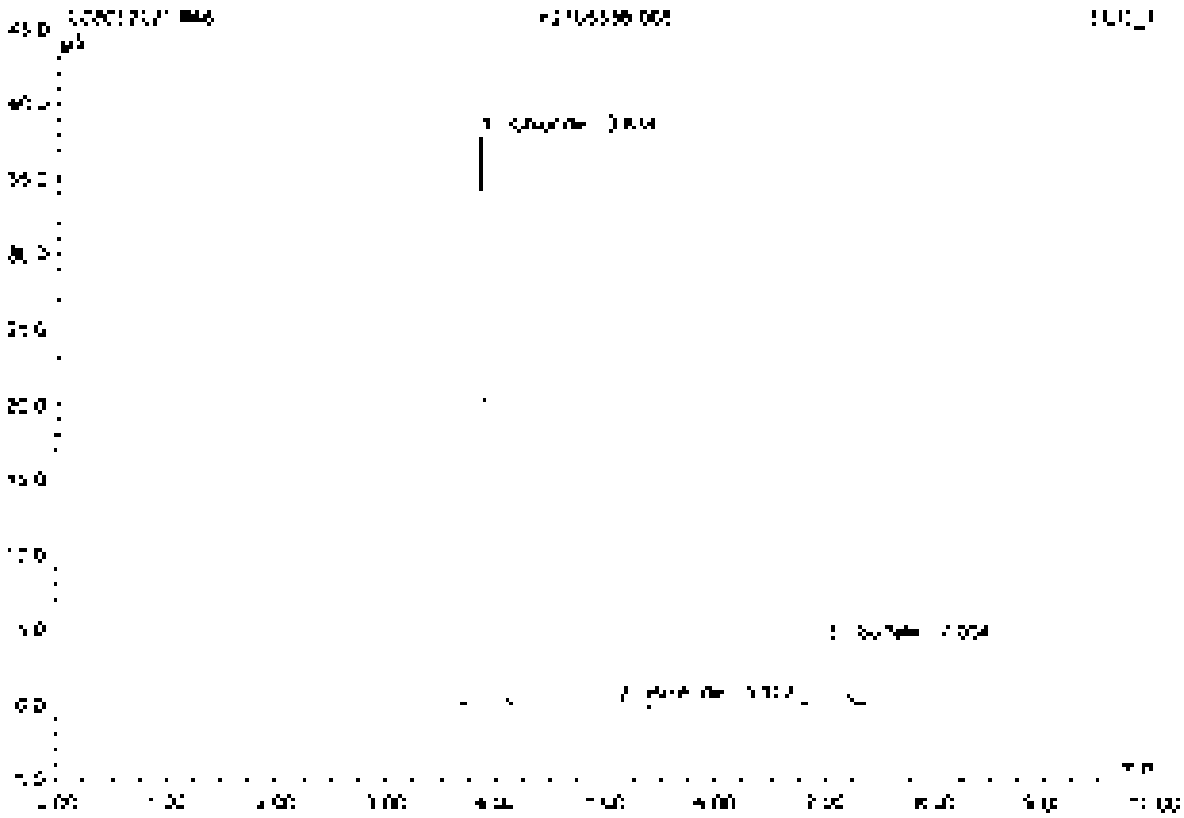
Sample Name	K2105538-004	Injection Volume	25.0
Vial Number	31	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	200.0000
Recording Time	5/20/2021 18:36	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.53	Chloride	6.576	0.778	65.72	896.695	BMB
2	5.17	n.a.	0.069	0.012	1.20	n.a.	BMB
3	6.92	Sulfate	1.779	0.293	33.08	637.845	BMB
Total:			8.415	1.181	100.00	1534.54	

48 K2105538-005

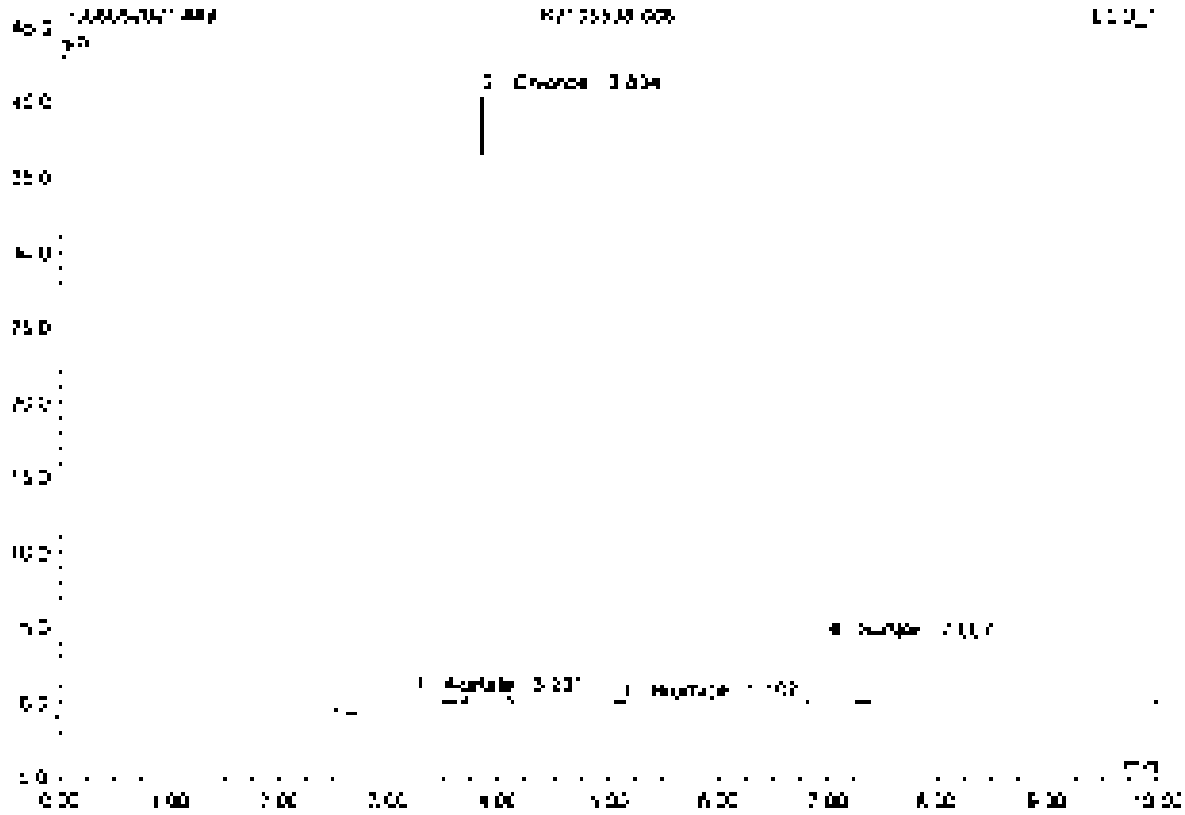
Sample Name	K2105538-005	Injection Volume	25.0
Vial Number	12	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	20.0000
Recording Time	5/20/2021 18:47	Sample Weight	1.0000
Run Time (max.)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.83	Chloride	37.886	4.247	83.70	490.507	BMB
2	5.11	Bromide	0.056	0.308	6.16	2.277	BMB
3	7.20	Sulfate	4.108	0.519	10.14	132.513	BMB
Total:			42.051	5.074	100.00	625.317	

49 K2105538-006

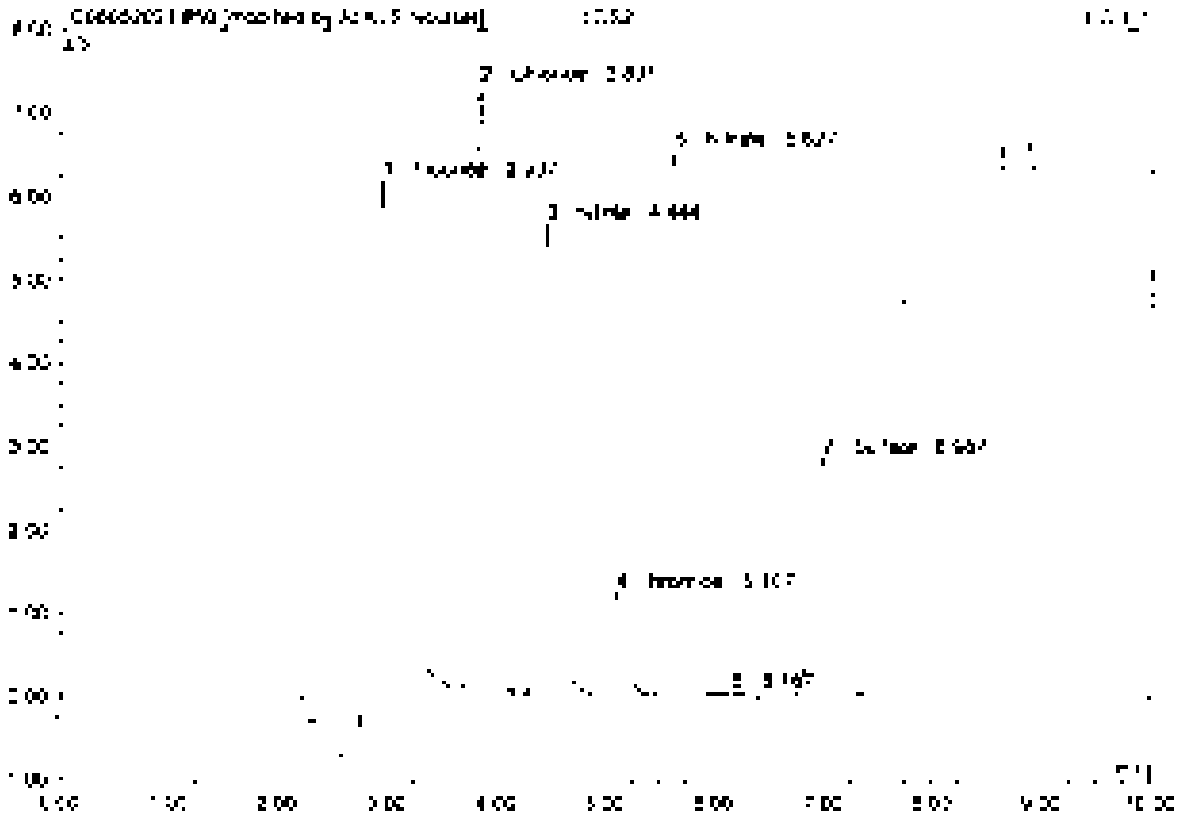
Sample Name	K2105538-006	Injection Volume	25.0
Vial Number	33	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	5/20/2021 18:59	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.20	Acetate	0.757	0.427	7.36	n.a.	BMB
2	3.83	Chloride	40.493	4.540	78.27	524.412	BMB
3	5.11	Bromide	0.059	0.009	0.15	2.534	BMB
4	7.01	Sulfate	4.110	0.824	14.21	133.803	BMB
Total:			45.420	5.800	100.00	660.750	

50 LCS2

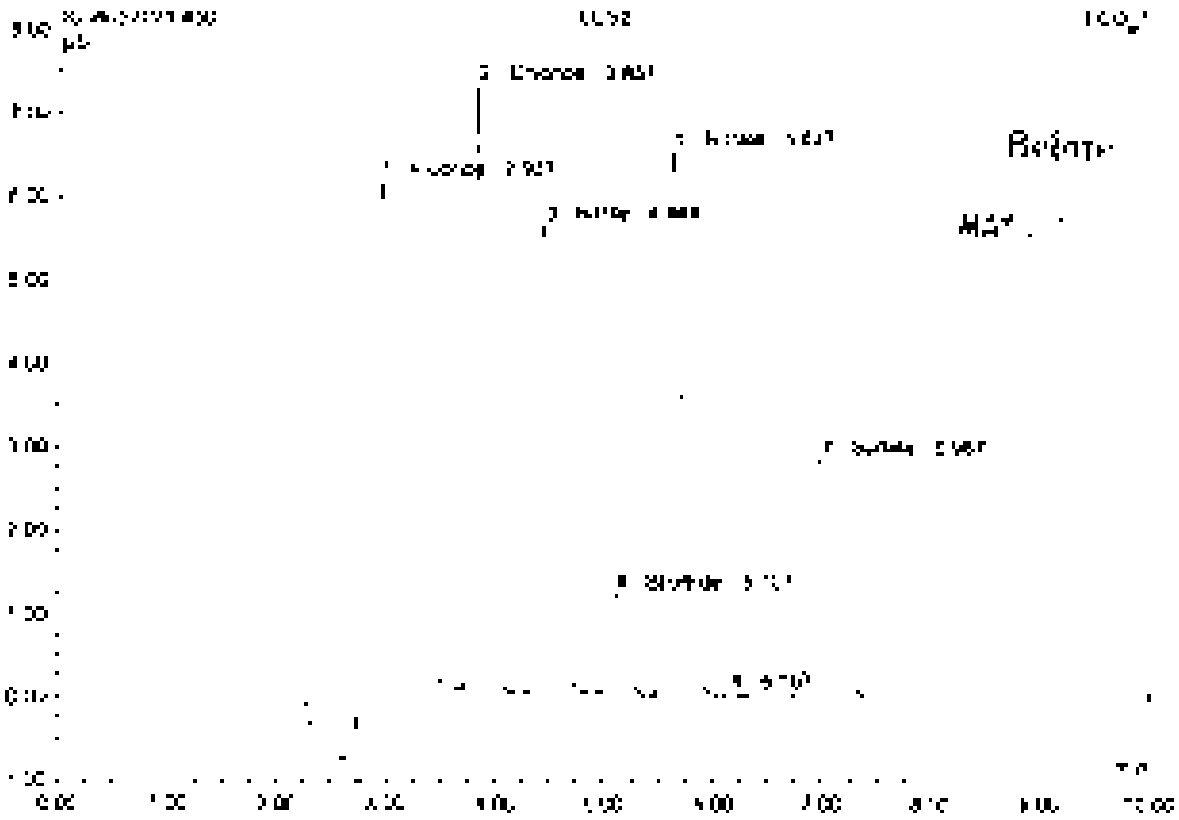
Sample Name	LCS2	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Original Method	epa300	Dilution Factor	1.0000
Recording Time	5/20/2021 10:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	6.437	[illegible]	27.21	5.370	BV*F*
2	3.83	Chloride	7.251	0.856	17.21	4.945	BV*B*
3	4.34	Nitrite	5.548	0.897	17.53	2.492	BV*S
4	5.11	Bromide	1.224	0.175	3.62	2.526	BV*B
5	5.53	Nitrate	6.545	1.049	21.21	2.494	BV*S
6	6.17	n.a.	0.044	0.002	0.04	n.a.	BMB
7	6.99	Sulfate	2.550	0.617	12.49	5.010	BMB
Total:			30.055	4.947	100.00	22.847	

50 LCS2

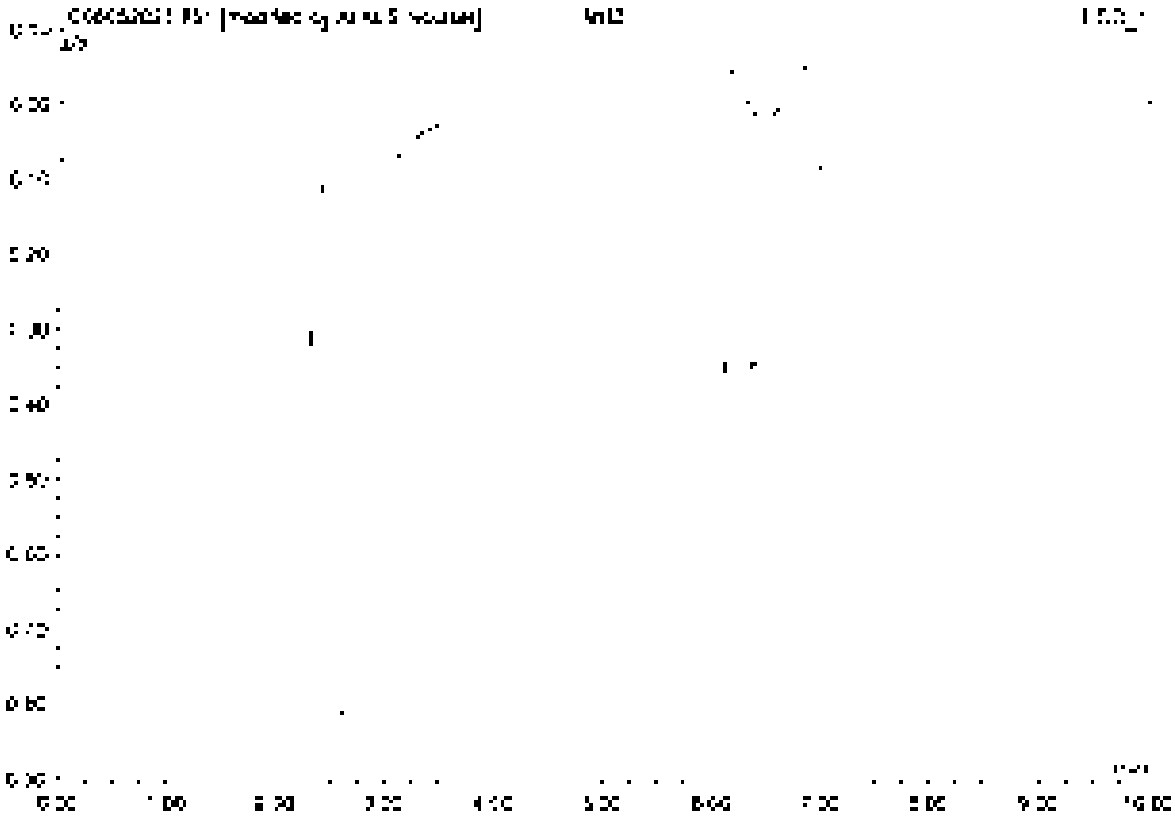
Sample Name	LCS2	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	3/20/2021 19:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	5.468	1.411	28.18	5.618	BMB
2	3.83	Chloride	7.281	0.858	17.13	4.343	BMB
3	4.44	Nitrite	5.648	0.687	13.72	2.492	BMB
4	5.17	Bromide	1.224	0.179	3.58	2.528	BMB
5	5.60	Nitrate	6.343	1.045	20.86	2.494	BMB
6	6.17	n.a.	0.044	0.007	0.14	n.a.	SVB
7	6.99	Sulfate	2.858	0.617	12.33	3.010	BMB
Total:			30.065	5.007	100.00	23.087	

51 MB2

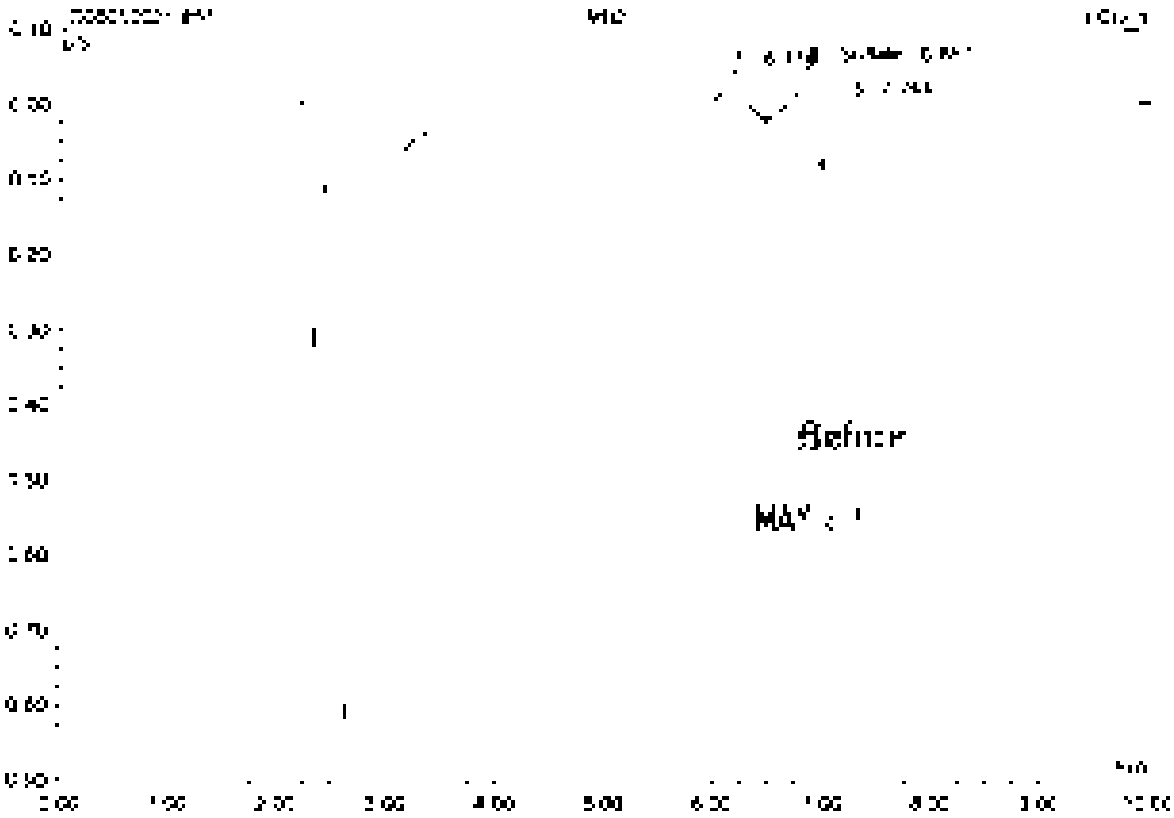
Sample Name	MB2	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Processing Time	5/25/2021 18:22	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



Inj	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

51 MB2

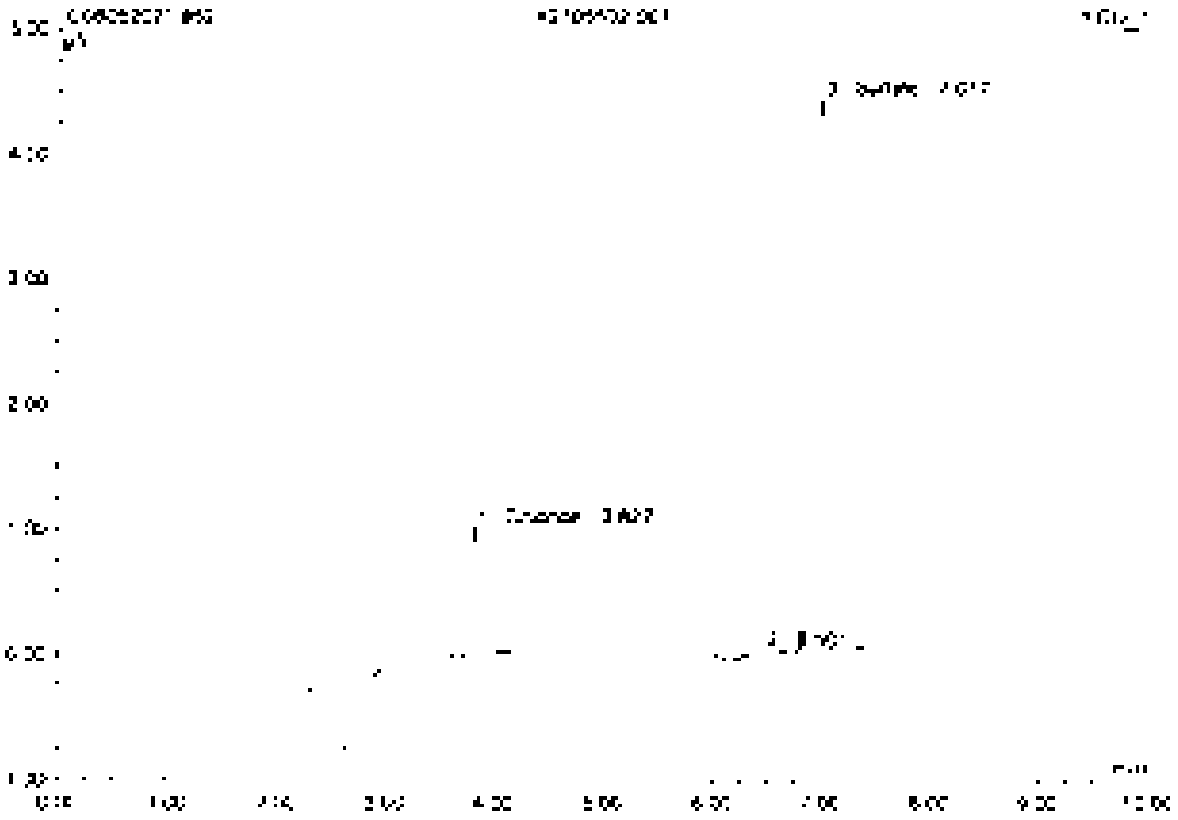
Sample Name	MB2	Injection Volume	25.0
Inj. Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Processing Time	5/20/2021 19:32	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.17	n.a.	0.125	1.477	90.30	n.a.	BMB
2	6.85	Surfate	0.122	0.028	1.75	0.225	BMB
3	7.24	n.a.	0.080	0.124	7.85	n.a.	BMB
Total:			0.330	1.630	100.00	0.225	

52 K2105532-001

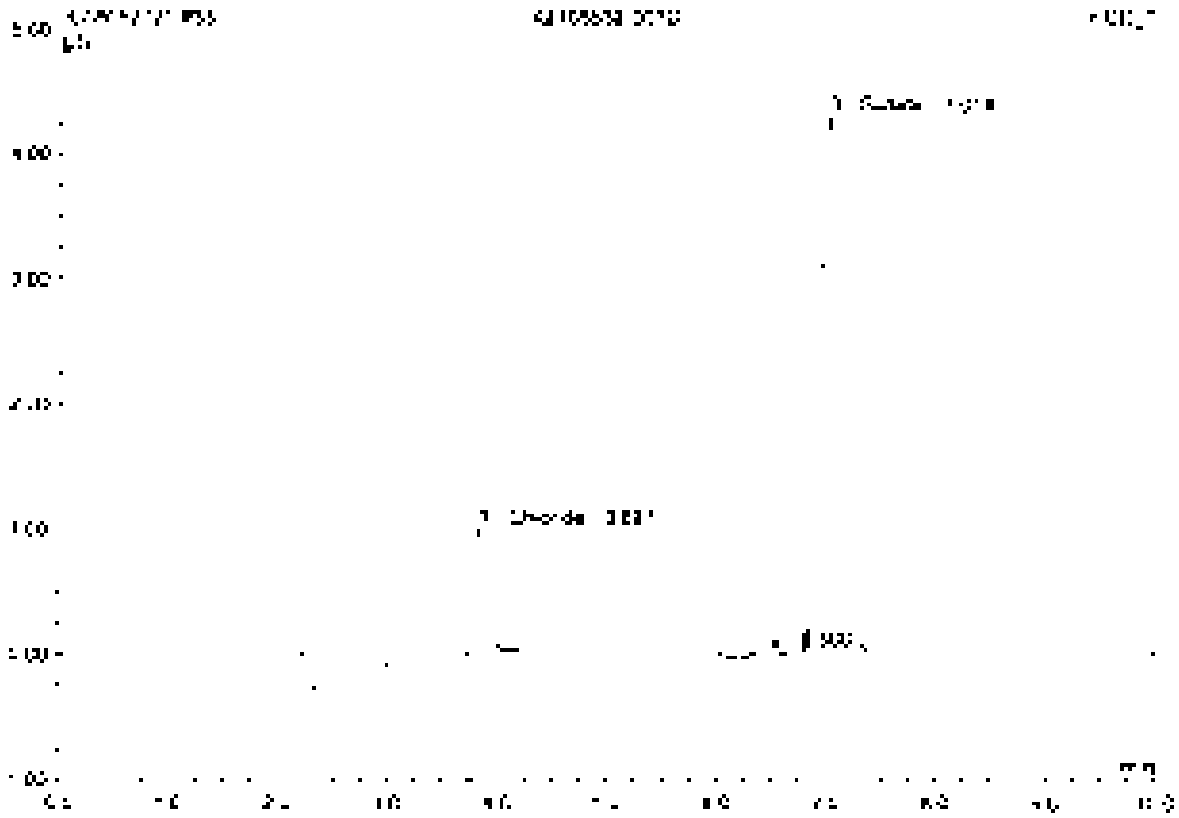
Sample Name	K2105532-001	Injection Volume	25.0
Vial Number	34	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	5.0000
Recording Time	5/20/2021 10:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.93	Chloride	1[illegible]8	0.122	[illegible]2.37	2.528	BMB
2	6.50	n.a.	[illegible]043	0.015	1.50	n.a.	BMB
3	7.02	Sulfate	[illegible]	0.850	86.13	34.515	BVB
Total			5.471	0.987	100.00	38.045	

53 K2105532-001D

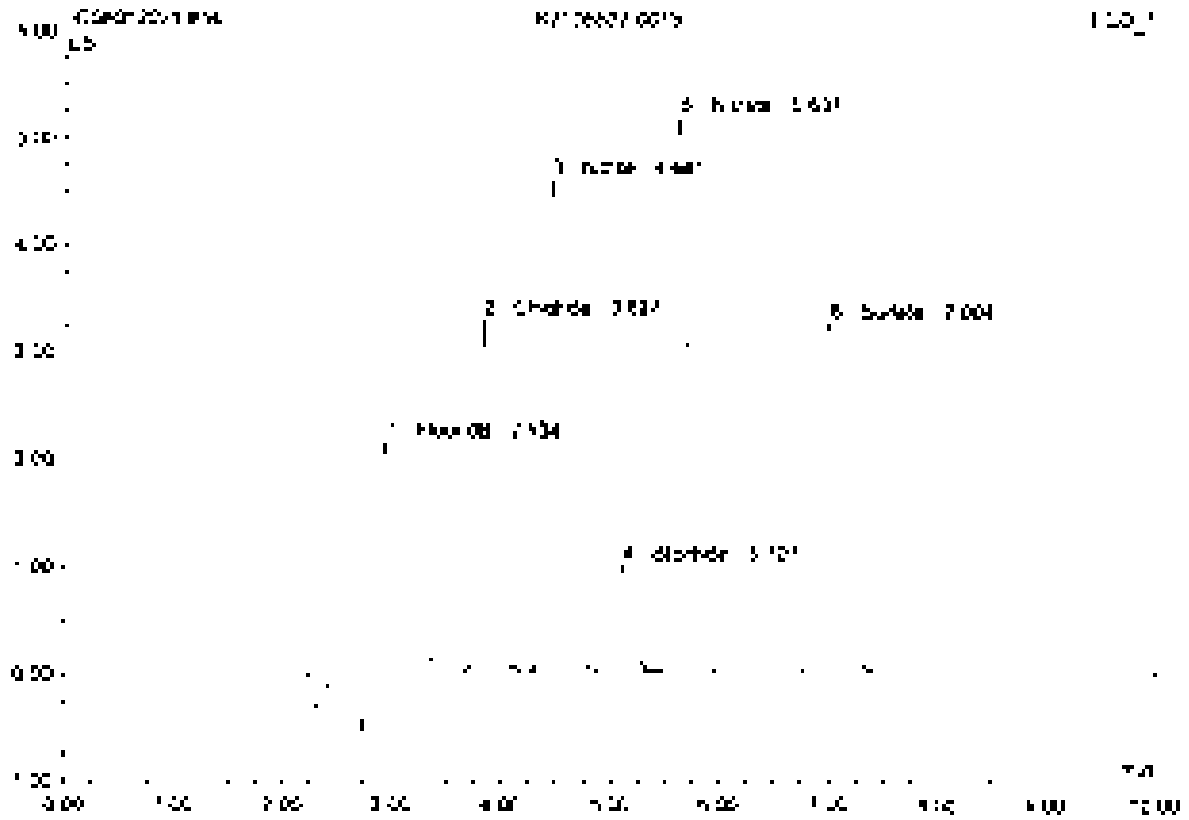
Sample Name	K2105532-001D	Injection Volume	25.0
Vial Number	35	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	5.0000
Recording Time	5/20/2021 19:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.81	Chloride	0.550	0.118	12.81	3.395	BMB
2	6.50	n.a.	0.015	0.012	1.26	n.a.	BMB
3	7.01	Sulfate	4.275	0.827	85.93	33.555	pMB
Total:			5.304	0.956	100.00	36.950	

54 K2105532-001S

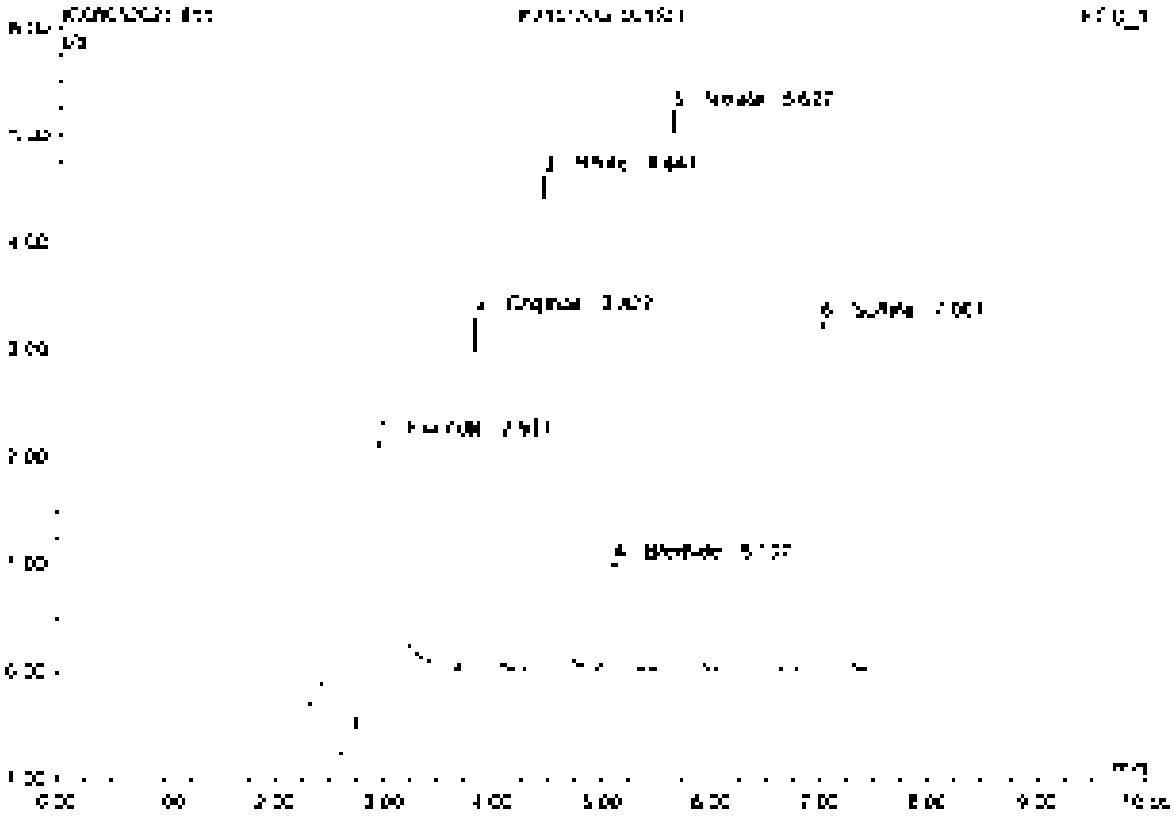
Sample Name	K2105532-001S	Injection Volume	25.0
Vial Number	36	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	10.0000
Processing Time	5/20/2021 19:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.83	Fluoride	2.570	0.638	16.60	25.335	BMB
2	3.93	Chloride	3.267	0.391	10.16	22.572	BMB
3	4.44	Nitrite	4.524	0.770	20.04	20.341	BMB
4	5.17	Bromide	0.527	0.145	4.79	20.483	BMB
5	5.60	Nitrate	5.177	0.840	24.81	19.050	BMB
6	7.00	Sulfate	3.208	0.852	18.27	52.945	BMB
Total:			19.832	3.384	100.00	161.532	

55 K2105532-001SD

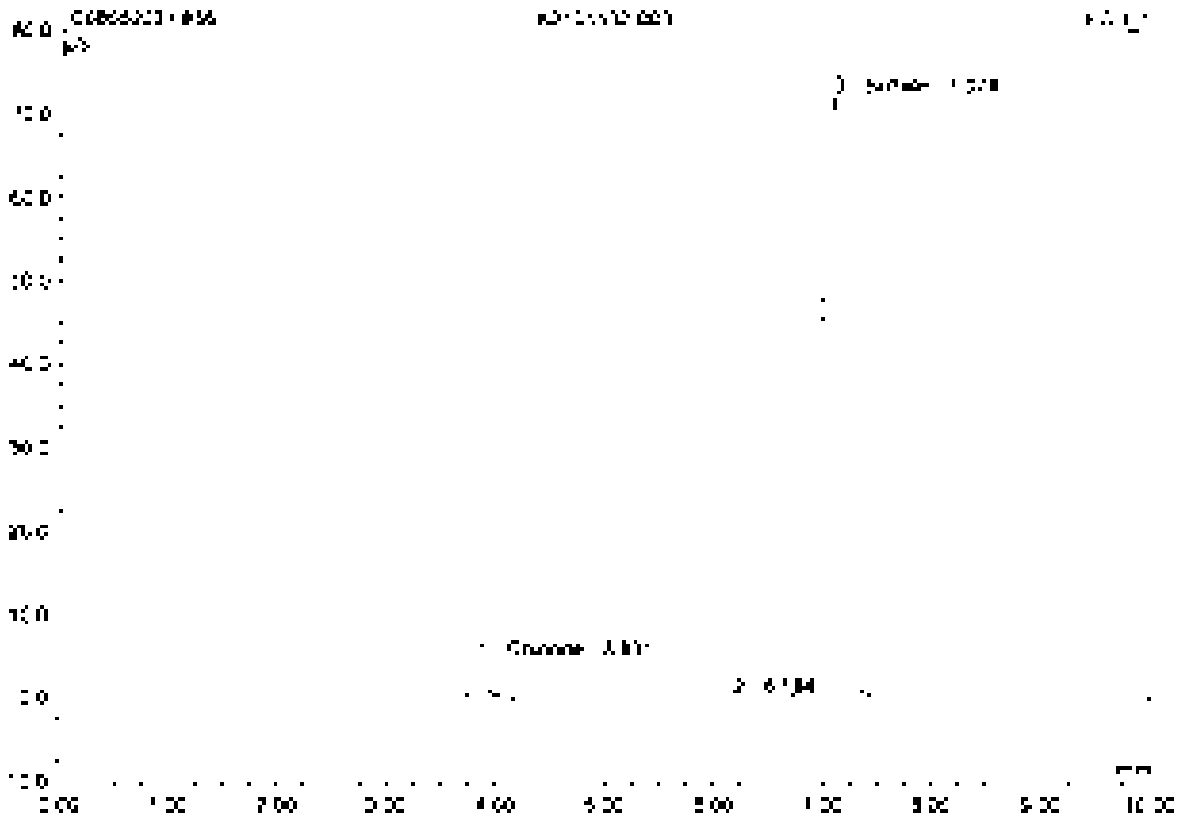
Sample Name	K2105532-001SD	Injection Volume	25.0
Vial Number	37	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	10.0000
Processing Time	5/20/2021 20:09	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.93	Fluoride	2.572	0.601	18.59	26.137	BV6
2	3.83	Chloride	3.285	0.393	11.56	22.677	BV8
3	4.48	Nitrite	4.520	0.770	21.38	20.436	BMR
4	5.71	Bromide	0.934	0.145	4.31	20.516	BV8
5	5.63	Nitrate	5.219	0.856	24.81	20.106	BV9
6	7.00	Sulfate	3.243	0.854	15.35	53.054	BV9
Total:			19.933	3.396	100.00	162.025	

56 K2105532-003

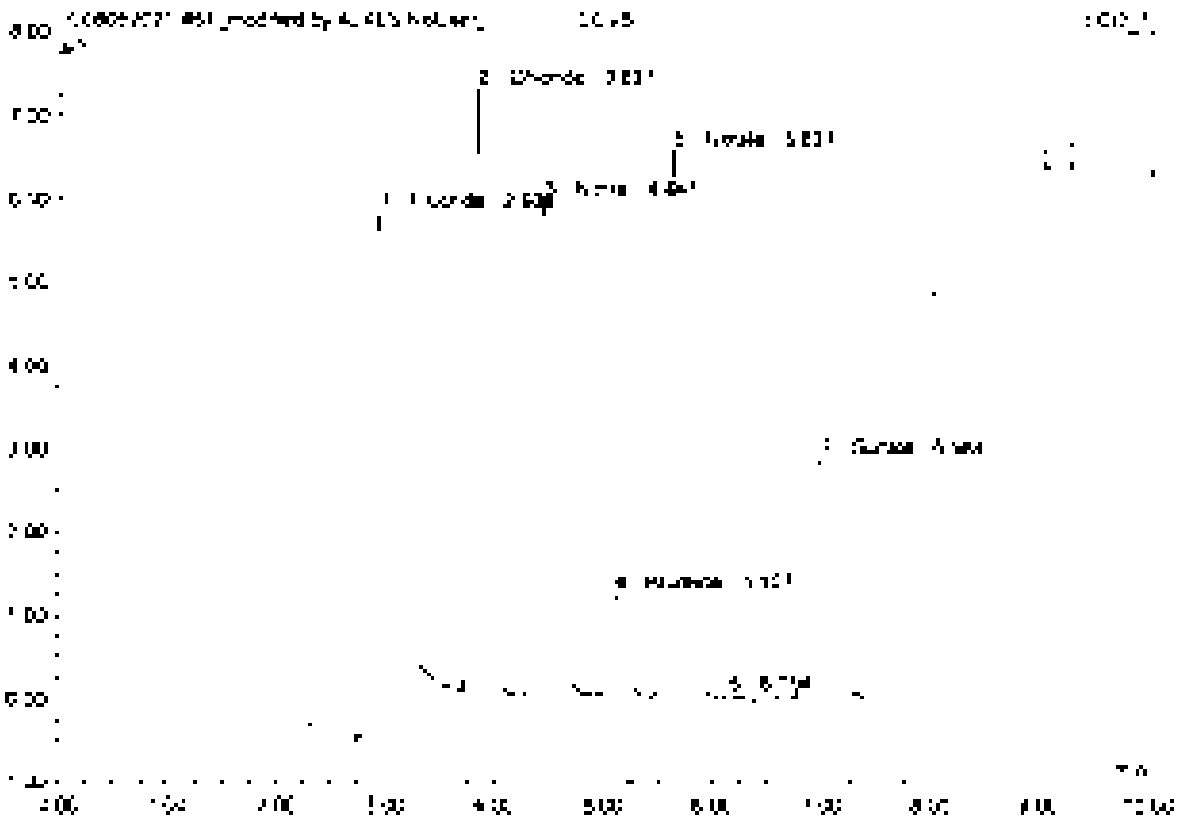
Sample Name	K2105532-003	Injection Volume	25.0
Vial Number	36	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	10.0000
Receiving Time	5/20/2021 20:21	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.83	Chlorate	4.502	0.537	3.41	31.041	BMQ
2	6.19	n.a.	0.096	0.017	0.11	n.a.	BMB
3	7.07	Sulfate	71.524	15.221	96.49	1235.693	BVB
Total:			76.224	15.775	100.00	1266.735	

57 CCV5

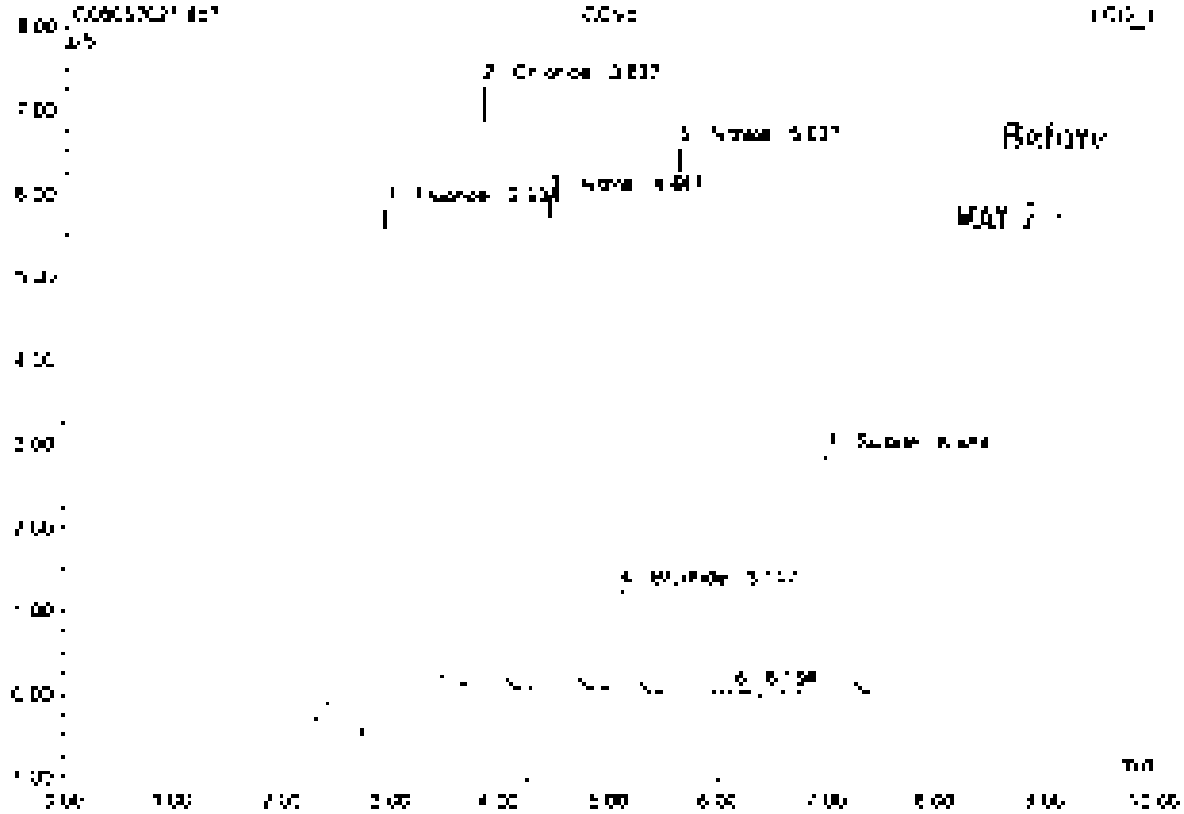
Sample Name	CCV5	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	5/2/2021 10:32	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.93	Fluoride	5.184	1.280	20.00	5.097	BMB*
2	3.83	Chloride	7.229	0.855	17.37	4.935	BMB*
3	4.44	Nitrite	5.920	0.931	18.81	2.676	BMB
4	5.17	Bromide	1.227	0.179	3.64	2.528	BMB
5	5.63	Nitrate	6.557	1.054	21.40	2.505	BMB
6	6.18	n.a.	0.041	0.006	0.13	n.a.	BMB
7	6.58	Sulfate	2.862	0.518	17.56	5.019	BMB
Total:			30.031	4.924	100.00	22.704	

57 CCV5

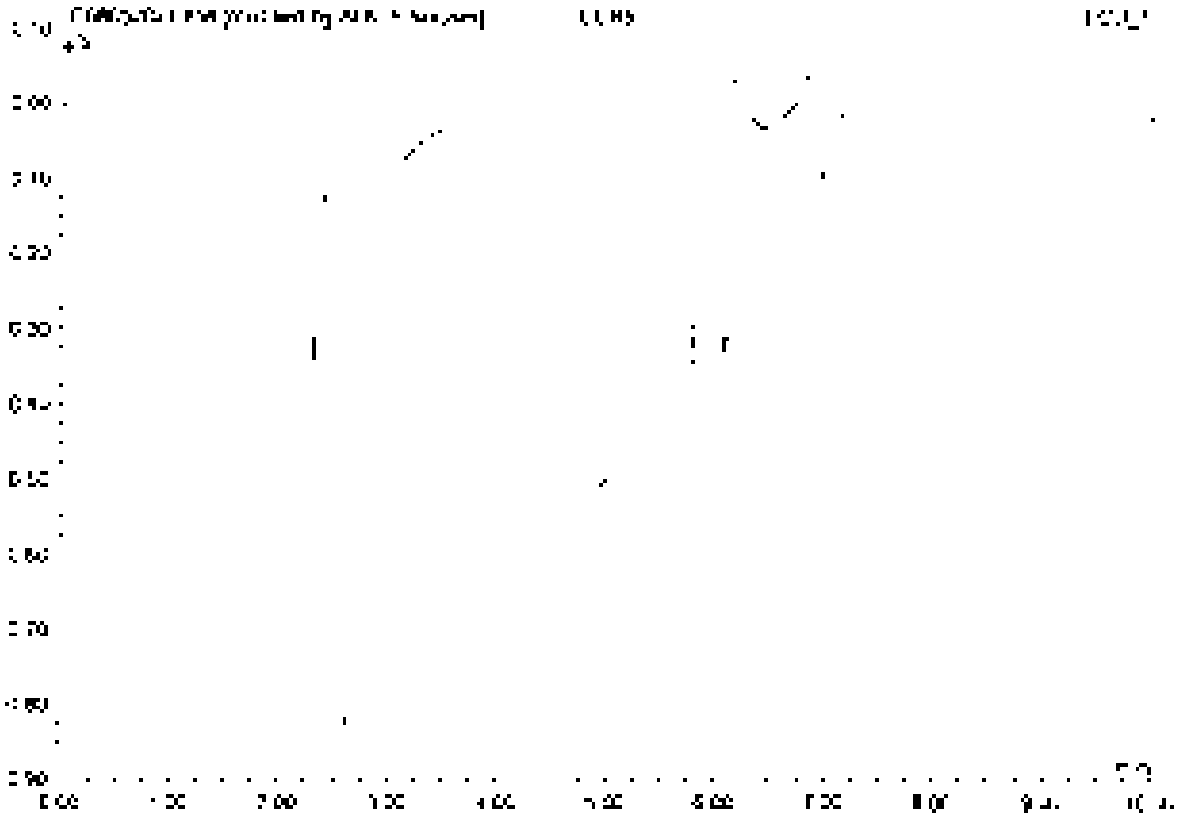
Sample Name	CCV5	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	5/20/2021 20:12	Sample Weight	1.0000
Run Time (sec)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.93	Fluoride	6.274	1.336	26.83	5.334	BMB
2	3.83	Chloride	7.229	0.855	17.16	4.539	BMB
3	4.44	Nitrite	5.930	0.941	18.64	2.616	BMB
4	5.[illegible]	Bromate	1.227	0.179	3.60	2.578	BMB
5	5.63	Nitrate	6.557	1.054	21.15	2.565	BMB
6	6.16	n.a.	0.041	0.005	0.12	n.a.	BMB
7	6.98	Sulfate	2.862	0.618	12.41	5.013	BMB
Total:			30.060	4.983	100.00	22.841	

68 CCB5

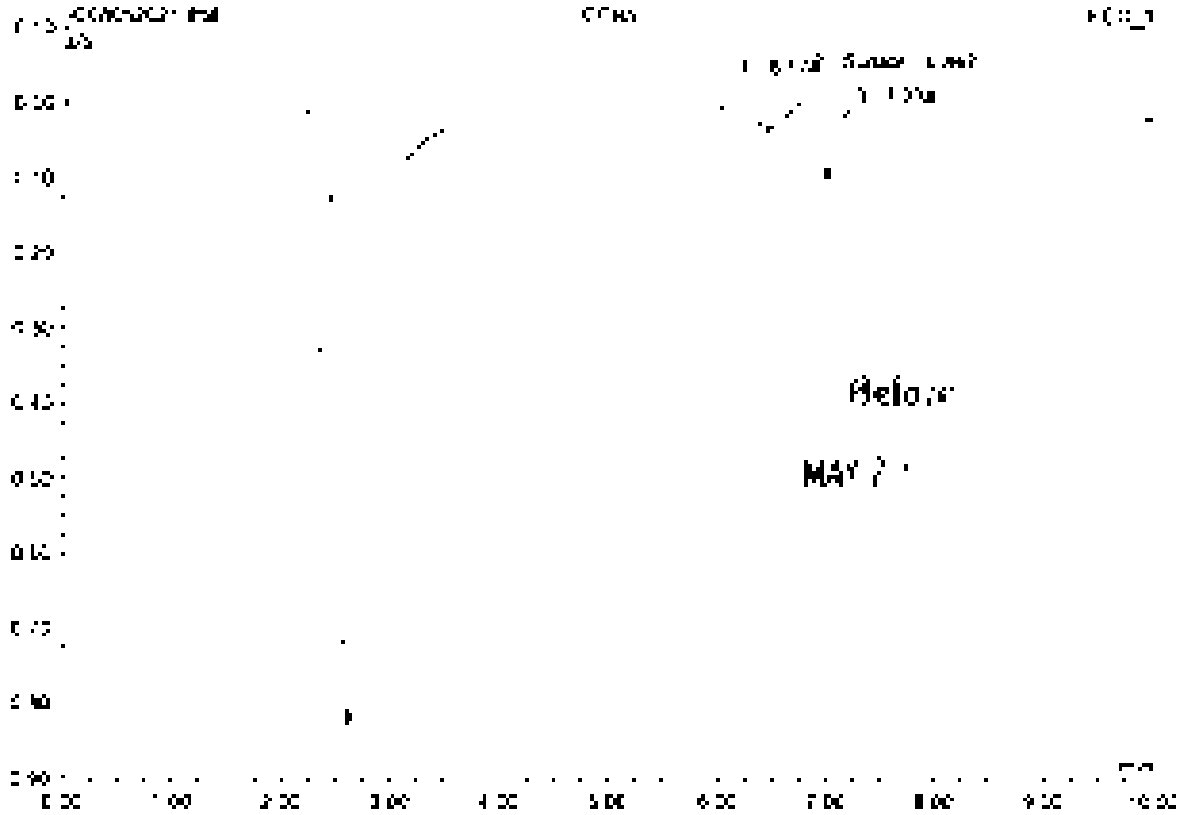
Sample Name	CCB5	Injection Volume	25.0
Vial Number	47	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	5/30/2021 20:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

58 CCB5

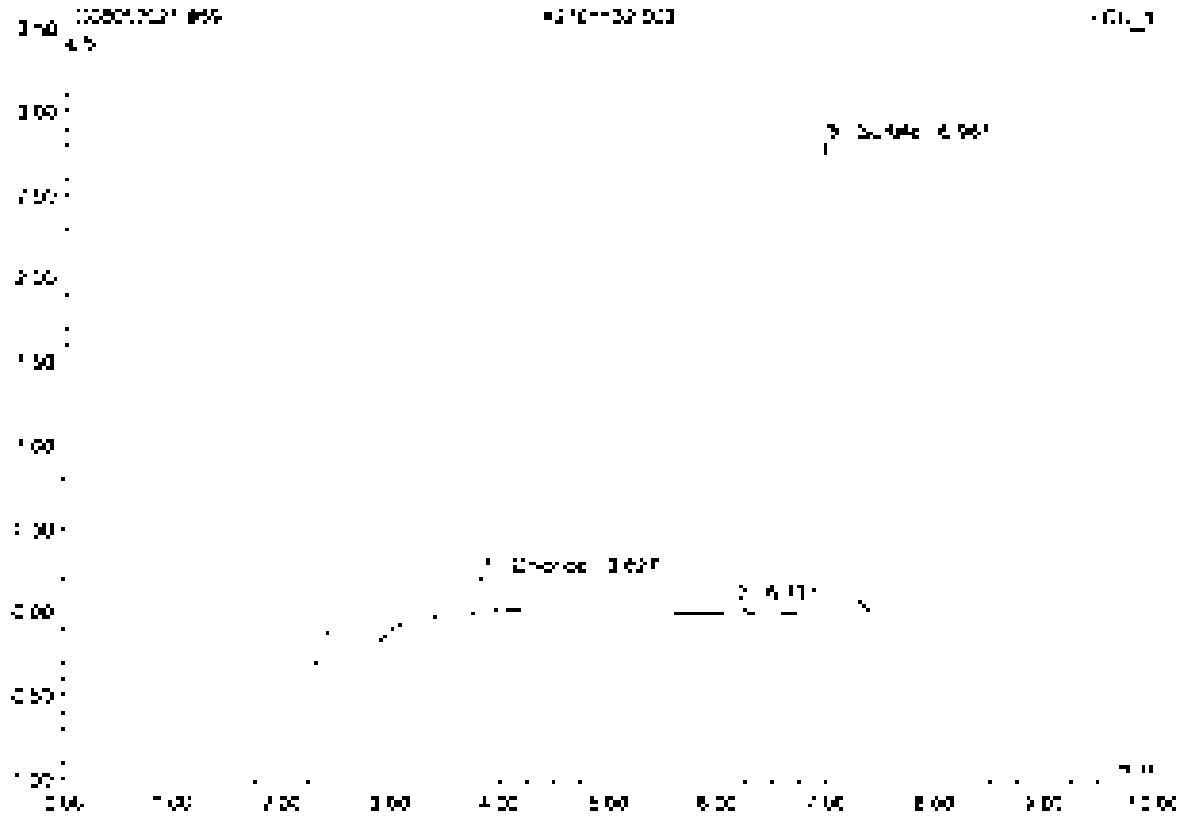
Sample Name	CCB5	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	5/20/2021 20:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.17	n.a.	0.121	1.428	89.78	n.a.	BMB
2	6.85	Sulfate	0.121	0.028	1.77	0.229	BMB
3	7.23	n.a.	0.096	0.134	8.44	n.a.	BMB
Total:			0.328	1.590	100.00	0.229	

59 KZ105532-003

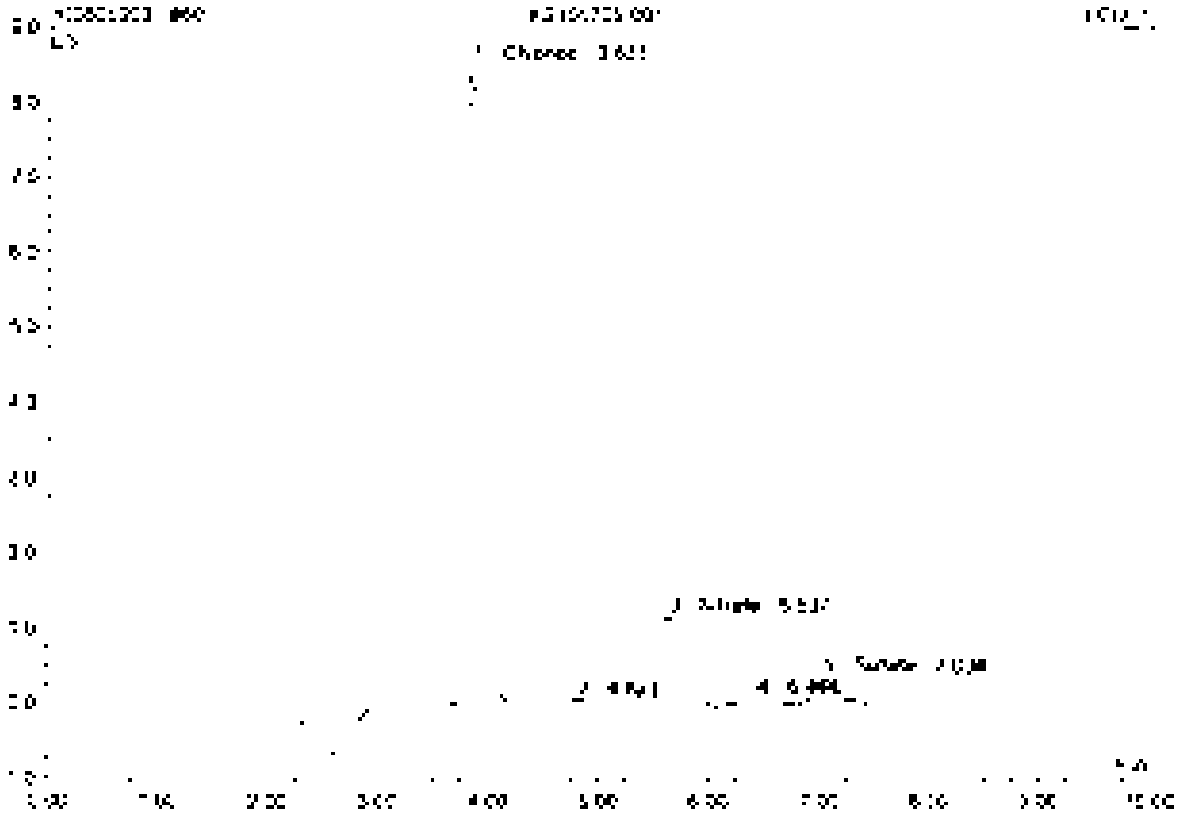
Sample Name	KZ105532-003	Injection Volume	25.0
Vial Number	39	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	200.0000
Recording Time	5/20/2021 16:56	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.82	Chloride	0.217	0.026	3.92	29.670	BMB
2	6.17	n.a.	0.063	0.016	2.41	n.a.	BMB
3	6.98	Sulfate	2.809	0.612	93.66	993.157	BMB
Total:			3.086	0.654	100.00	1022.827	

60 K2105705-001

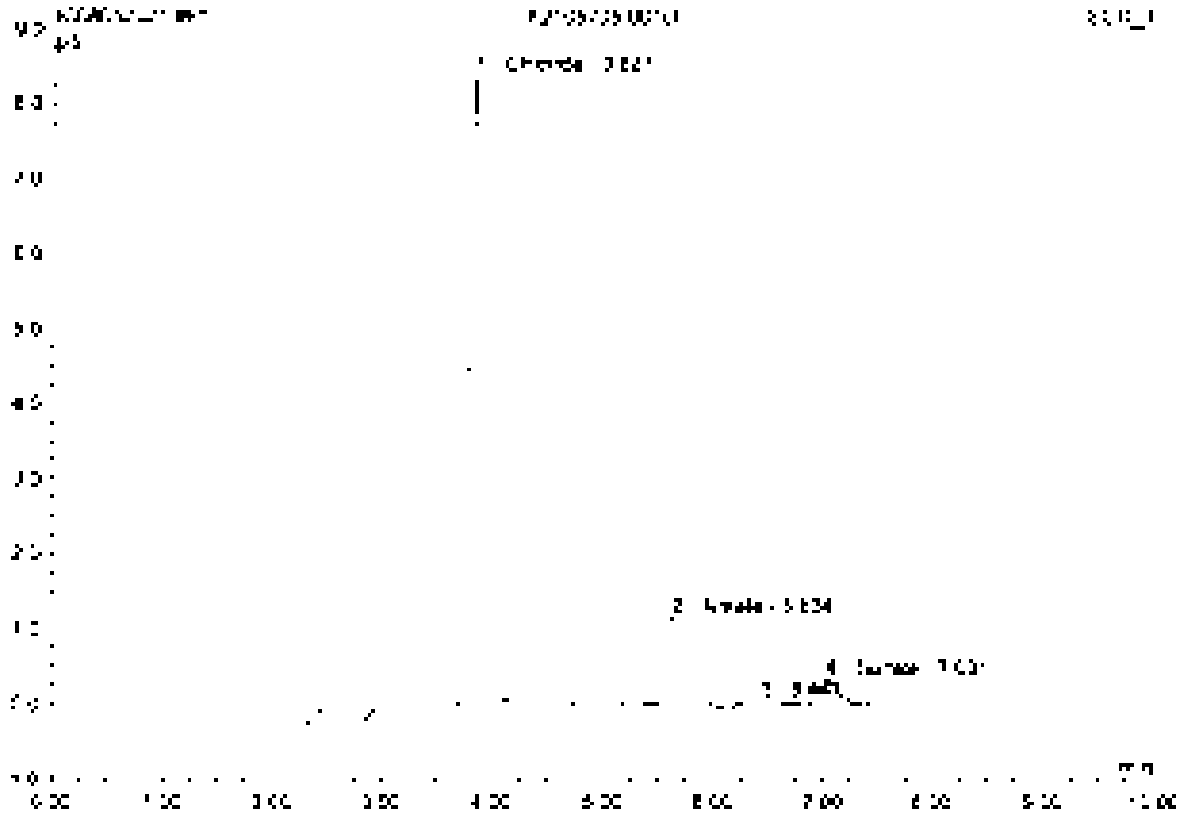
Sample Name	K2105705-001	Injection Volume	25.0
Vial Number	40	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	5/20/2021 21:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.83	Chloride	8.507	1.015	76.49	11.322	BVB
2	4.82	n.a.	0.032	0.005	0.38	n.a.	BVB
3	5.64	Nitrate	1.166	0.204	15.41	3.972	BVB
4	6.44	n.a.	0.076	0.032	2.40	n.a.	BVB
5	7.03	Sulfate	0.343	0.071	5.32	1.145	BMB
Total:			10.124	1.327	100.00	13.840	

61 K2105705-001D

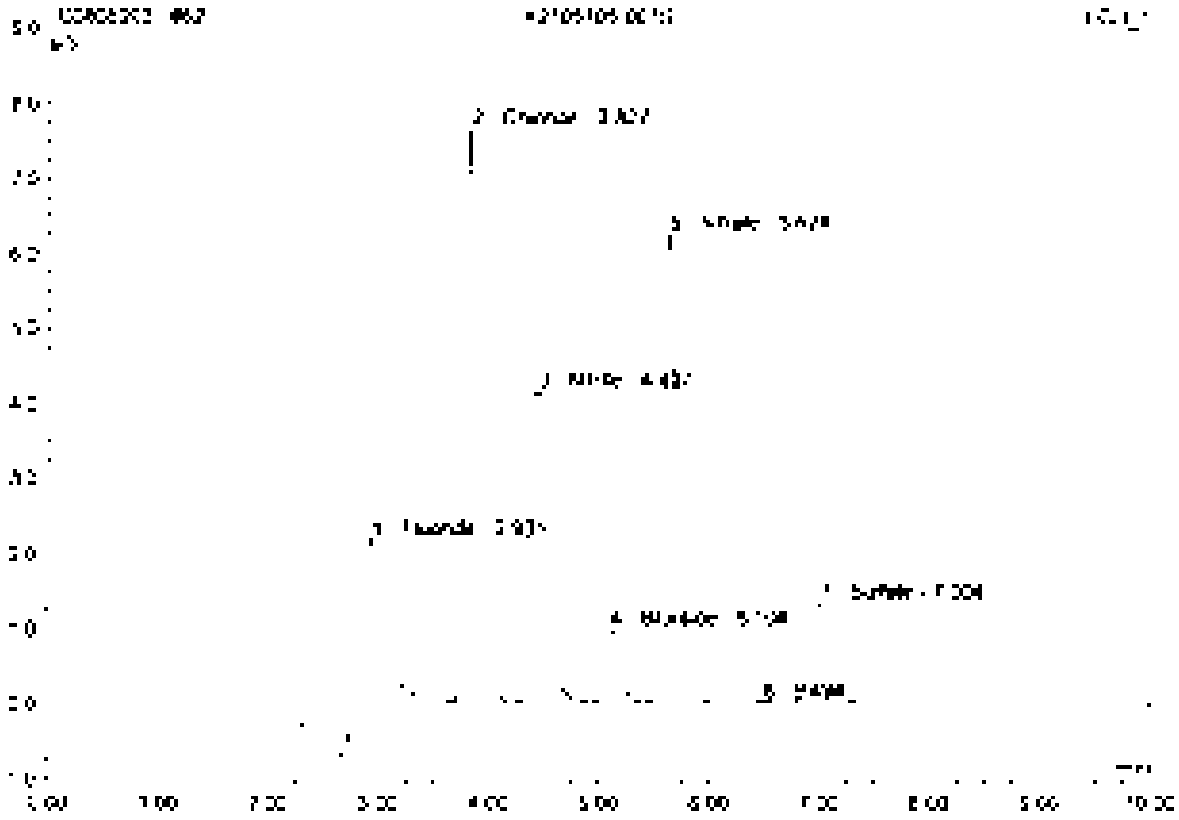
Sample Name	K2105705-001D	Injection Volume	25.0
Vial Number	41	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	5/20/2021 21:30	Sample Weight	1.0000
Run Time (min)	40.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.82	Chloride	5.382	1.001	76.50	11.566	BMB
2	5.62	Nitrate	1.174	0.209	15.98	0.994	BMB
3	6.44	n.a.	0.074	0.031	2.40	n.a.	BMB
4	7.68	Sulfate	0.328	0.067	5.13	1.390	BMB
Total:			6.958	1.309	100.00	13.950	

62 K2105705-001S

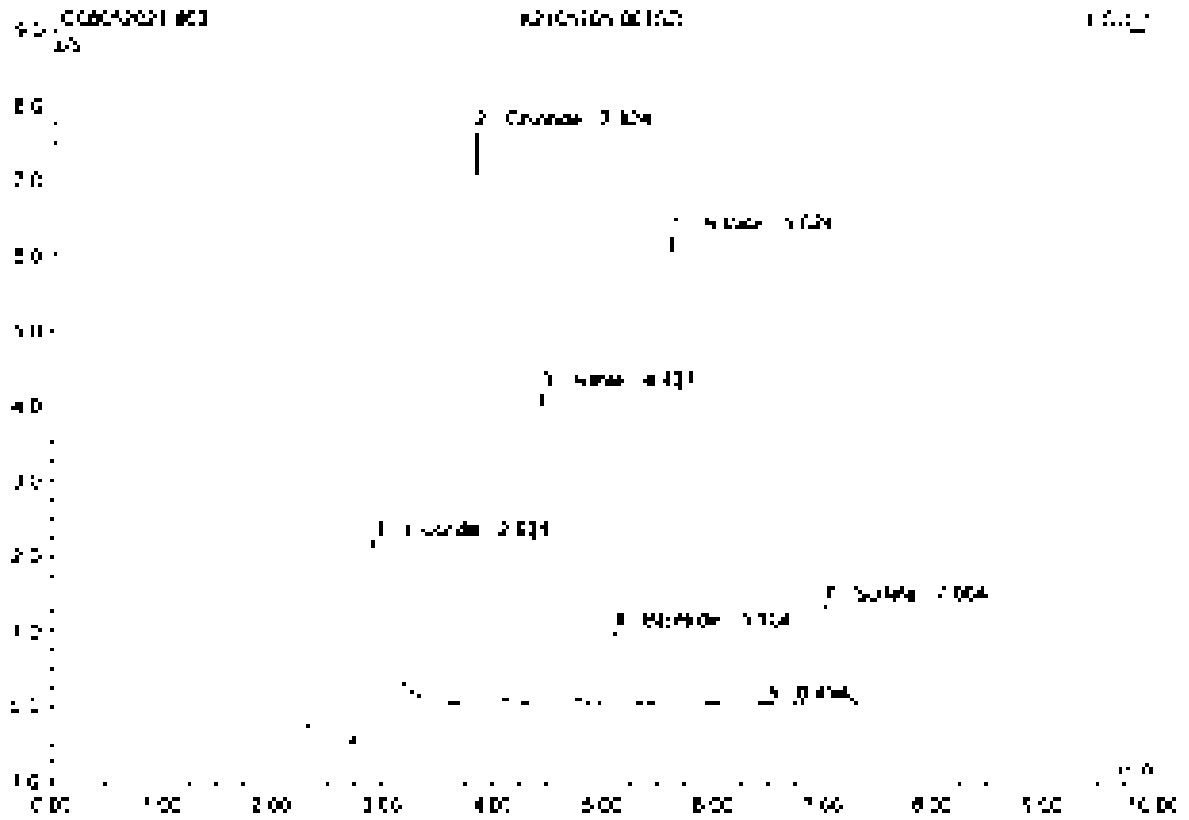
Sample Name	K2105705-001S	Injection Volume	25.0
Vial Number	62	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Detector Factor	4.0000
Recording Time	5/21/2021 21:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.93	Fluoride	2.592	0.629	17.17	9.881	BMB
2	3.83	Chloride	7.532	0.906	25.07	20.927	BMB
3	4.44	Nitrite	4.144	0.649	17.98	7.299	BVB
4	5.13	Bromide	0.971	0.144	3.98	8.097	BVB
5	5.52	Nitrate	6.361	1.031	28.56	9.705	BVB
6	6.49	n.a.	0.019	0.005	0.14	n.a.	BMB
7	7.30	Sulfate	1.335	0.267	7.40	8.620	BMB
Total:			22.940	3.612	100.00	54.585	

63 K2105705-001SD

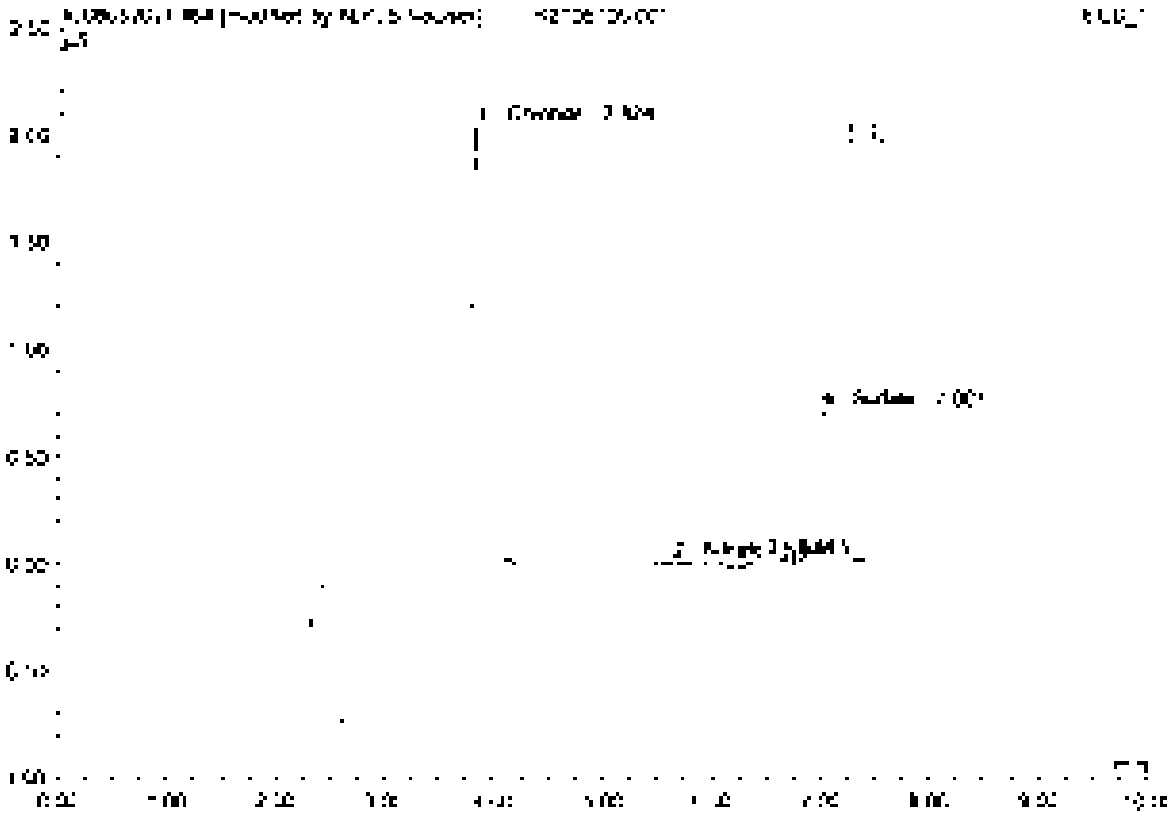
Sample Name	K2105705-001SD	Injection Volume	25.0
Vial Number	43	Channel	IGDB 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Control Method	spa300	Dilution Factor	4.0000
Recording Time	5/20/2021 21:43	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.93	Fluoride	2.581	0.622	17.24	9.916	BMB
2	3.82	Chloride	7.624	0.904	25.03	20.885	BMB
3	4.44	Nitrite	4.145	0.049	1.37	2.246	BMB
4	5.10	Bromide	0.970	0.140	3.96	8.070	BMB
5	5.62	Nitrate	6.360	1.021	28.26	9.794	BMB
6	6.49	n.a.	0.013	0.005	0.15	n.a.	BMB
7	7.00	Sulfate	1.326	0.257	7.15	8.665	BMB
Total:			22.825	3.611	100.00	64.536	

64 K2105706-001

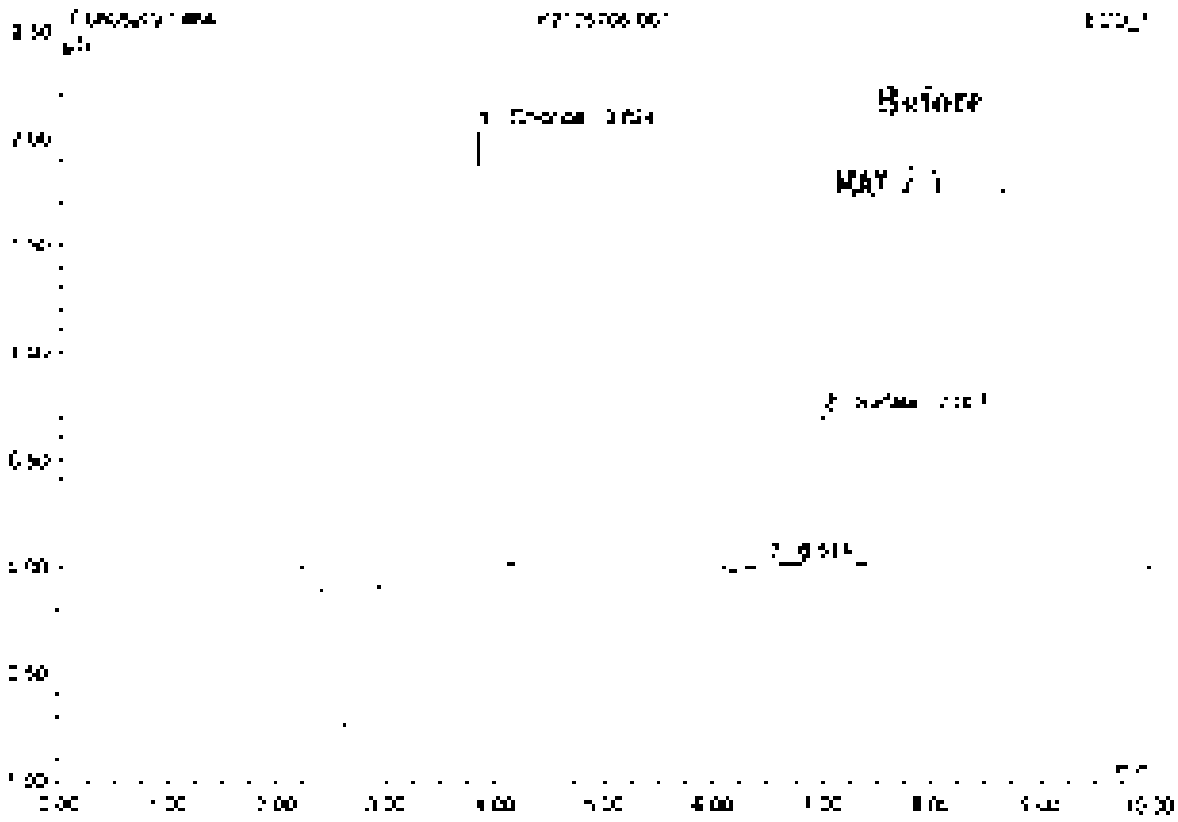
Sample Name	K2105706-001	Injection Volume	25.0
Vial Number	64	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quant Method	spa300	Dilution Factor	2.0000
Recording Time	5/20/2021 21:64	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.82	Chloride	2.048	0.248	52.09	2.867	BMB
2	5.84	Nitrite	0.016	0.003	0.60	0.012	BVBT
3	6.57	n.a.	0.024	0.007	1.78	n.a.	BMb
4	7.07	Sulfate	0.700	0.142	35.47	2.302	BVA
Total			2.786	0.400	100.00	5.192	

54 K2105706-001

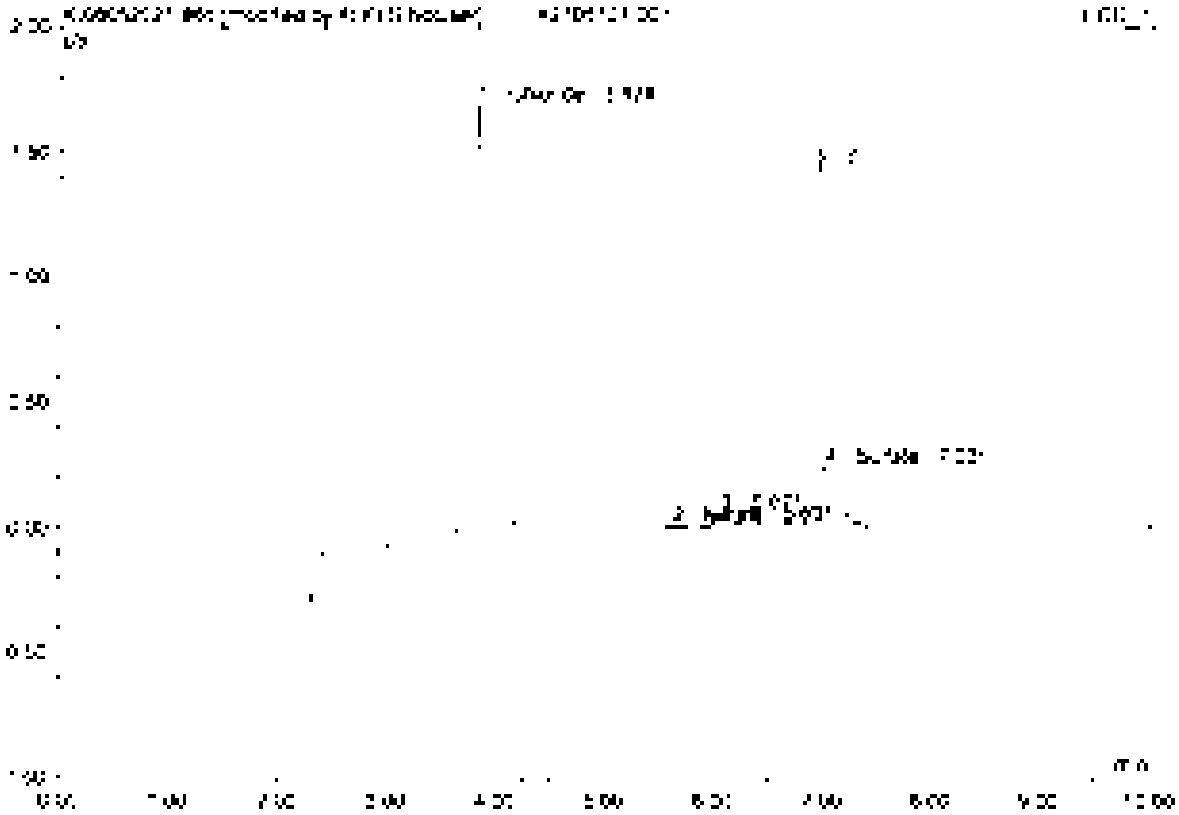
Sample Name	K2105706-001	Injection Volume	35.0
Vial Number	44	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	5/20/2021 21:54	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.82	Chloride	2.348	0.248	62.50	2.887	BMB
2	6.51	n.a.	0.024	0.007	1.79	n.a.	BMB
3	7.31	Sulfate	0.700	0.142	35.71	2.282	BMB
Total:			3.072	0.397	100.00	5.169	

65 K2105707-001

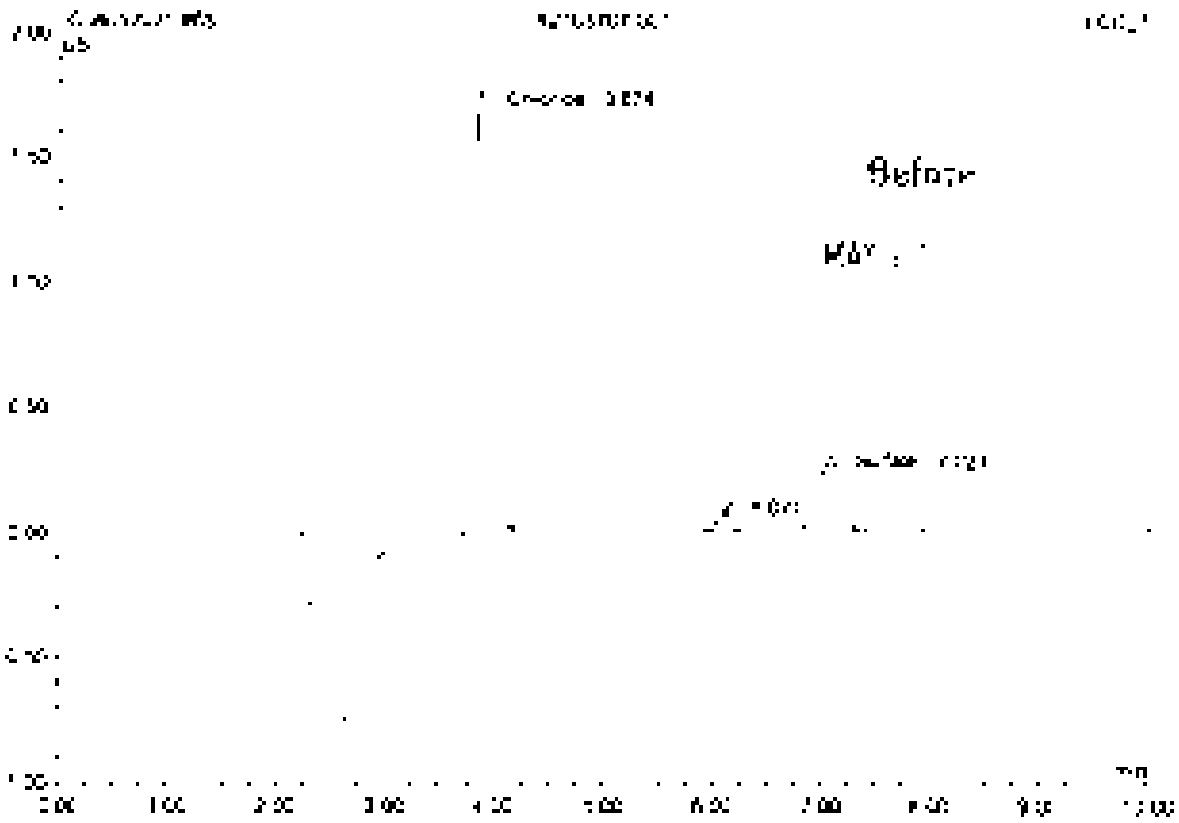
Sample Name	K2105707-001	Injection Volume	25.0
Vial Number	45	Channel	ECD: 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	5/20/2021 22:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.82	Chloride	1.651	0.204	78.52	2.268	BMB
2	5.63	Nitrite	0.005	0.001	0.43	0.005	BMB*
3	6.07	n.a.	0.049	0.007	2.75	n.a.	BMB
4	7.02	Sulfate	0.229	0.047	18.26	0.571	BMB
Total			1.573	0.260	100.00	3.135	

65 K2105707-001

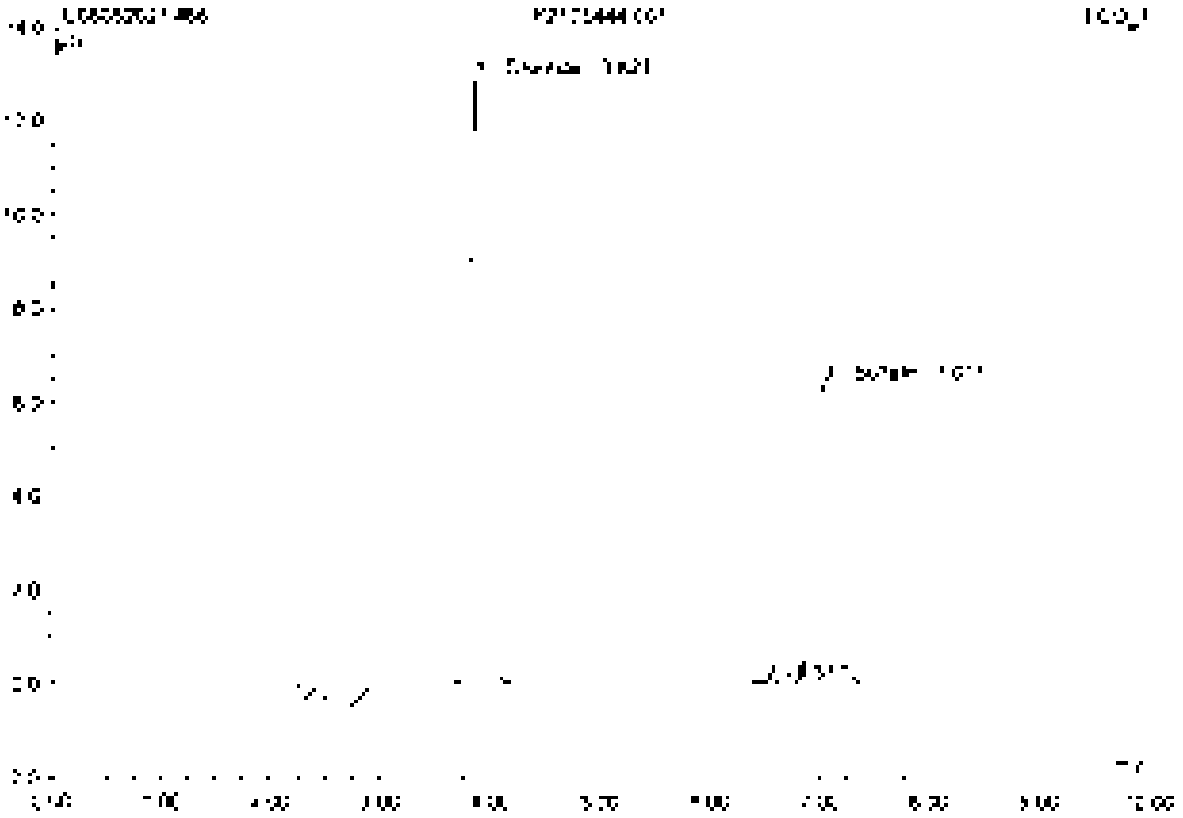
Sample Name	K2105707-001	Injection Volume	25.0
Vial Number	45	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Processing Time	5/20/2021 22:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.50	Chloride	1.651	0.264	78.50	2.358	BMB
2	5.07	n.a.	0.049	0.007	2.50	n.a.	BMB
3	7.02	Sulfate	0.228	0.047	18.34	0.771	BMB
Total:			1.968	0.319	100.00	3.129	

66 K2105444-001

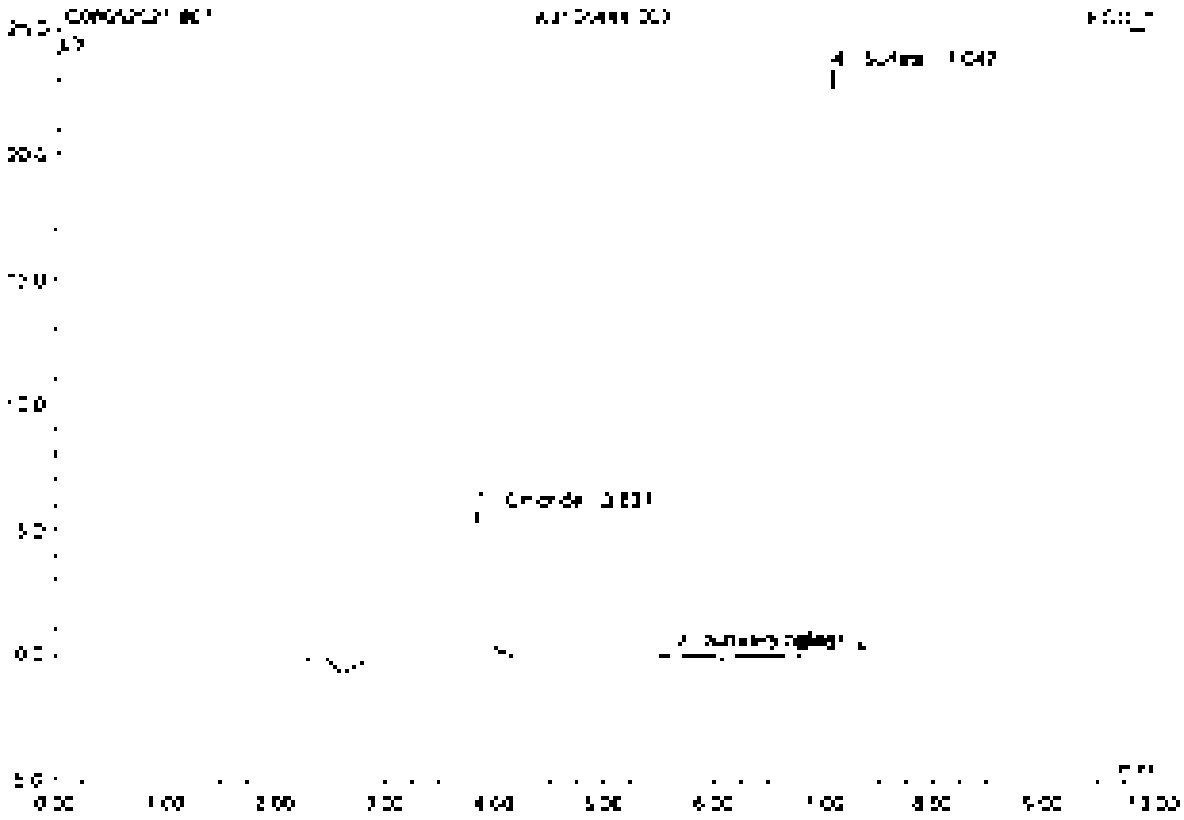
Sample Name	K2105444-001	Injection Volume	25.0
Vial Number	59	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Comm. Project	epa300	Bandwidth	n.a.
Method Name	epa300	Dilution Factor	2.0000
Recording Time	5/20/2021 22:17	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.83	Chloride	12.888	1.514	55.09	17.496	BV B
2	6.51	[illegible]	0.020	0.010	0.38	[illegible]	BM5
3	7.01	Sulfate	6.364	1.224	44.53	19.874	BMB
Total:			19.222	2.747	100.00	37.352	

67 K2105444-002

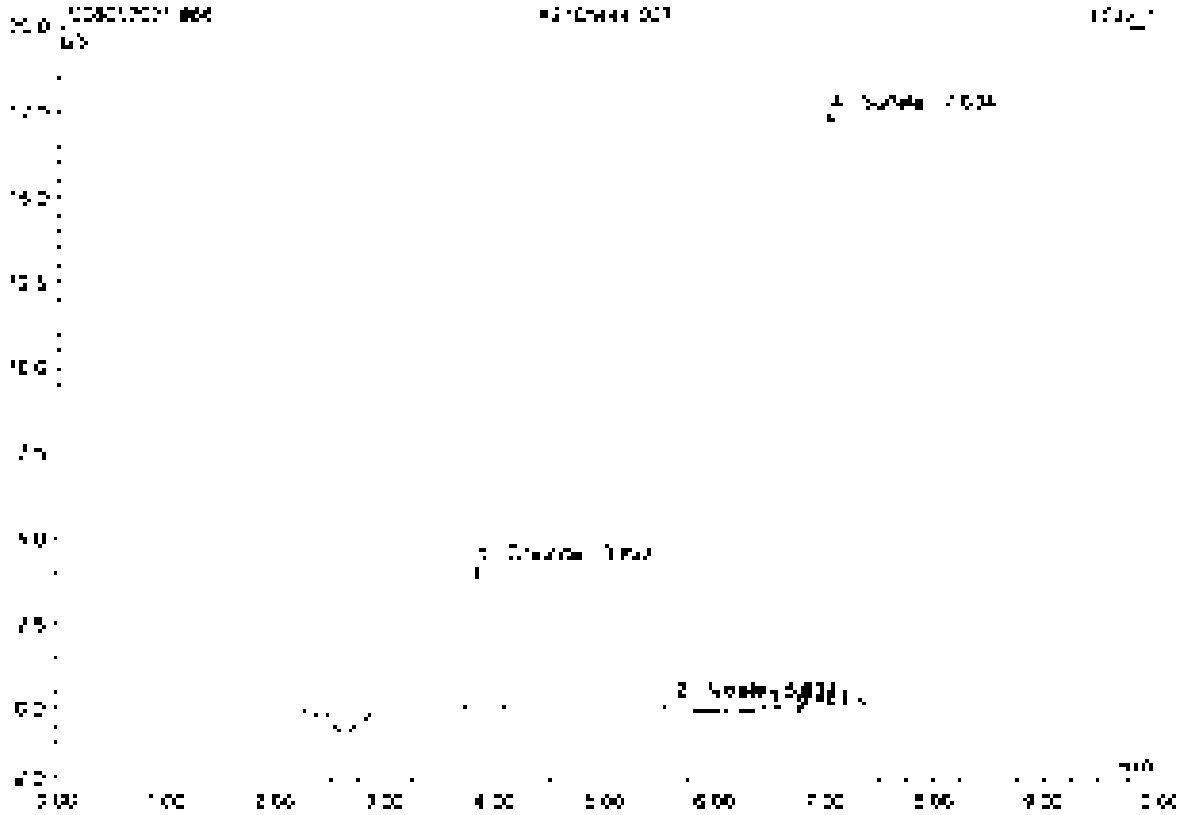
Sample Name	K2105444-002	Injection Volume	25.0
Vial Number	3	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	5/20/2021 22:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.33	Chloride	5.766	0.847	14.10	8.048	BMB
2	5.64	Nitrate	0.176	0.049	0.96	0.231	BMB
3	6.46	n.a.	0.084	0.033	0.68	n.a.	BMB
4	7.05	Sulfate	23.240	4.160	84.23	67.550	BMB
Total:			29.266	4.939	100.00	75.829	

68 K2105444-003

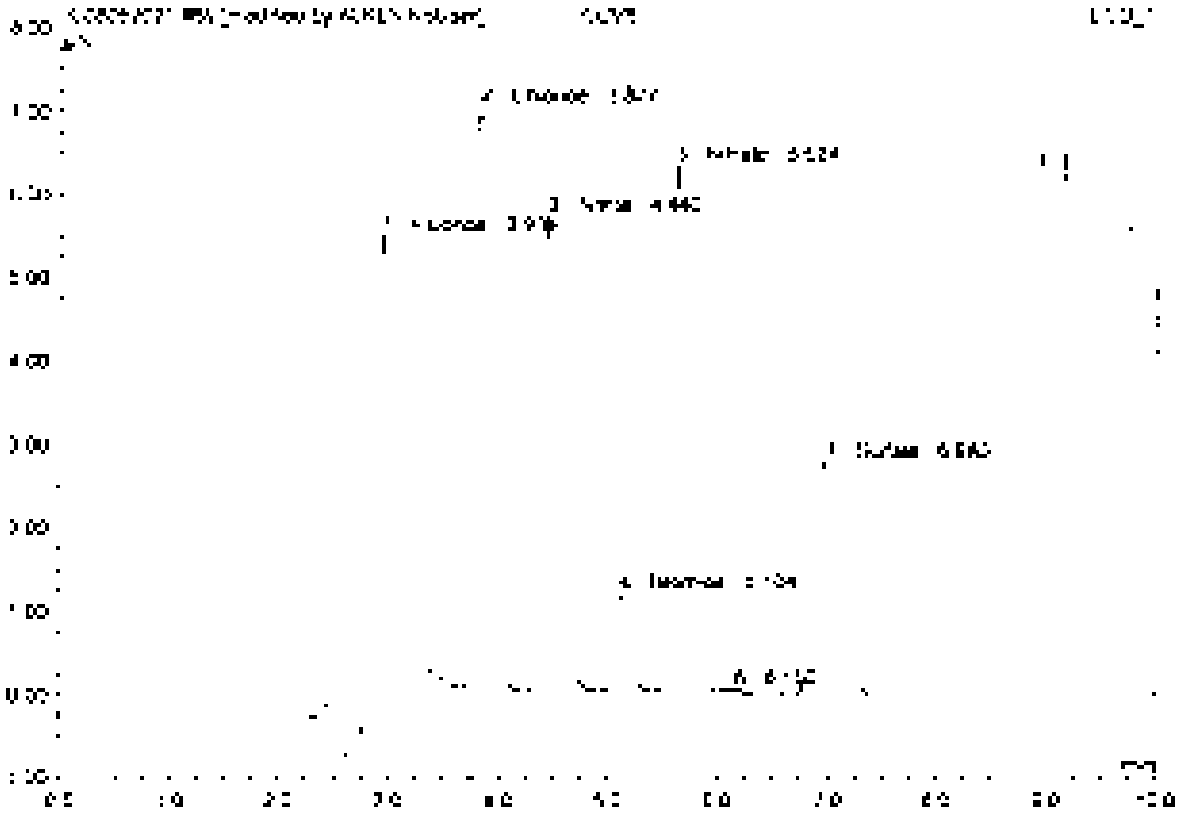
Sample Name	K2105444-003	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	5/20/2021 23:41	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.93	Chloride	4.261	0.517	13.63	5.967	BMB
2	5.04	Nitrate	0.250	0.060	1.58	0.284	BMB
3	6.48	n.a.	0.059	0.022	0.58	n.a.	BMB
4	7.60	Sulfate	17.093	3.179	84.18	51.615	BMB
Total:			21.673	3.777	100.00	57.866	

69 CCV6

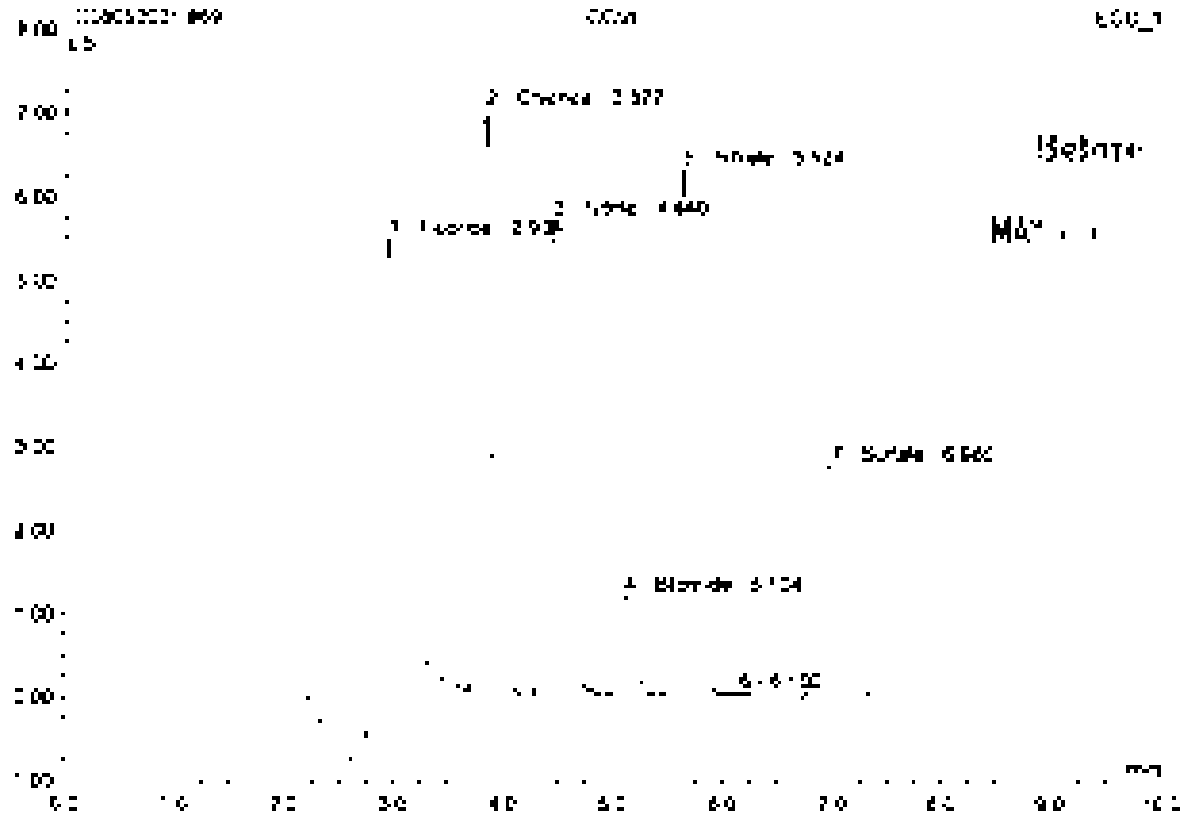
Sample Name	CCV6	Injection Volume	25.0
Vial Number	48	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	5/20/2021 22:53	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.93	Fluoride	5.847	1.238	28.05	4.527	BMB*
2	3.83	Chloride	6.368	0.774	17.37	4.761	BMB*
3	4.64	Nitrite	5.632	0.556	12.59	2.517	BMB
4	5.10	Bromide	1.182	0.173	3.95	2.440	BMB
5	5.62	Nitrate	5.320	1.074	24.37	2.410	BMB
6	8.16	n.a.	0.042	0.007	0.14	n.a.	BMB
7	9.98	Sulfate	2.764	0.595	13.55	4.833	BMB
Total:			28.833	4.745	100.00	21.882	

69 CCV6

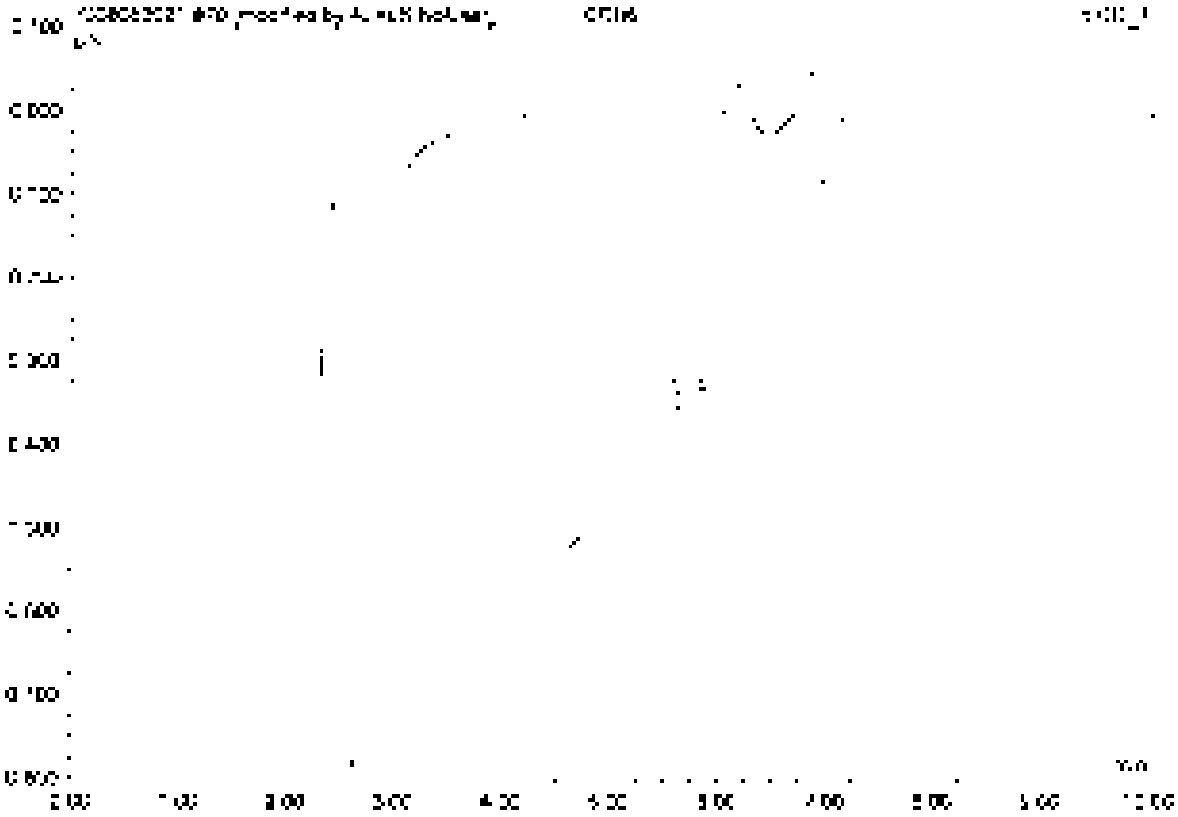
Sample Name	CCV6	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recovery Time	5/20/2021 23:53	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.93	Fluoride	5.564	1.270	28.62	5.068	BMB
2	3.93	Chloride	6.968	0.924	17.24	4.761	BMB
3	4.44	Nitrite	5.658	0.536	18.73	2.517	BMB
4	5.10	Bromide	1.782	0.173	3.52	2.440	BMB
5	5.62	Nitrate	6.320	1.034	21.21	2.410	BMB
6	6.16	n.a.	0.042	0.007	0.14	n.a.	BMB
7	6.58	Sulfate	2.764	0.595	12.45	4.833	BMB
Total:			28.838	4.781	100.00	22.529	

70 CCB6

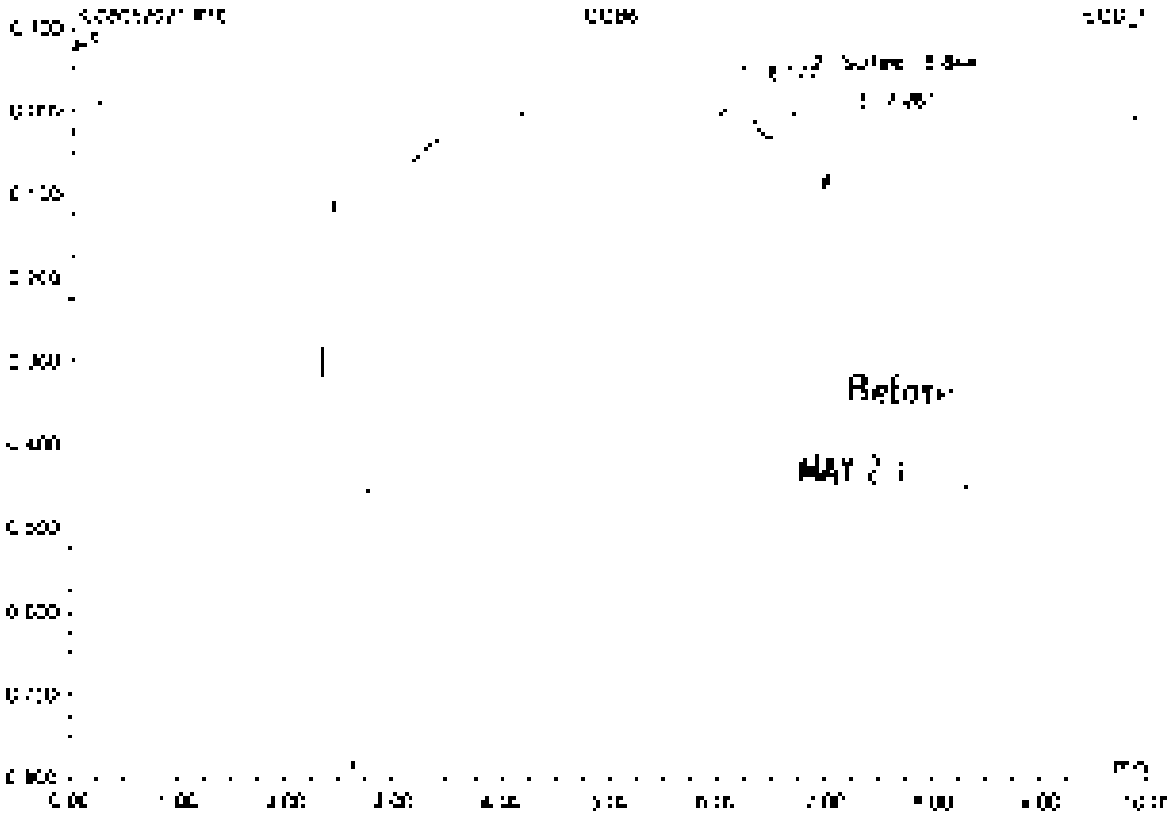
Sample Name	CCB6	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Correct. Factor	1.0000
Recording Time	5/20/2021 23:05	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

70 CCB6

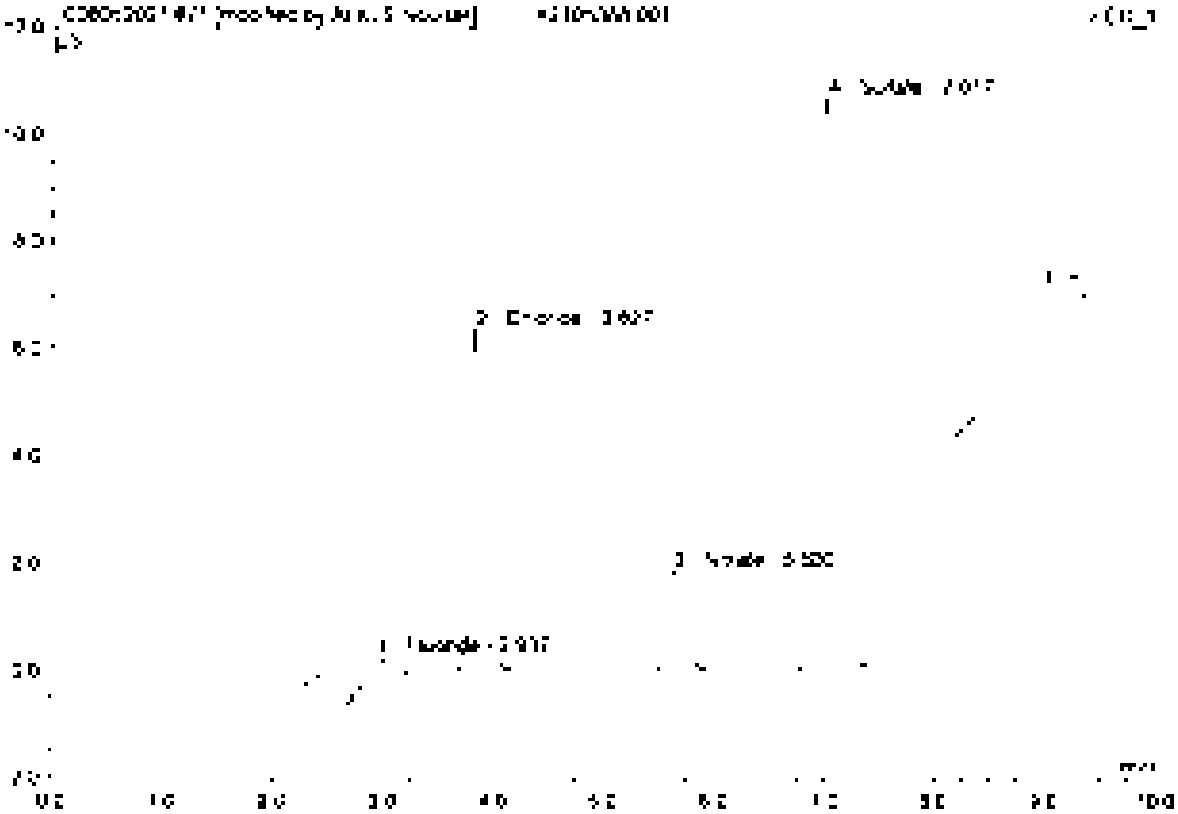
Sample Name	CCB6	Injection Volume	25.0
Vial Number	49	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	5/20/2021 23:05	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.17	n.a.	0.055	0.194	84.53	n.a.	BMB
2	6.54	Sulfate	0.018	0.027	2.84	0.217	BMB
3	7.26	n.a.	0.081	0.118	12.63	n.a.	BMB
Total			0.295	0.939	100.00	0.217	

71 K2105388-001

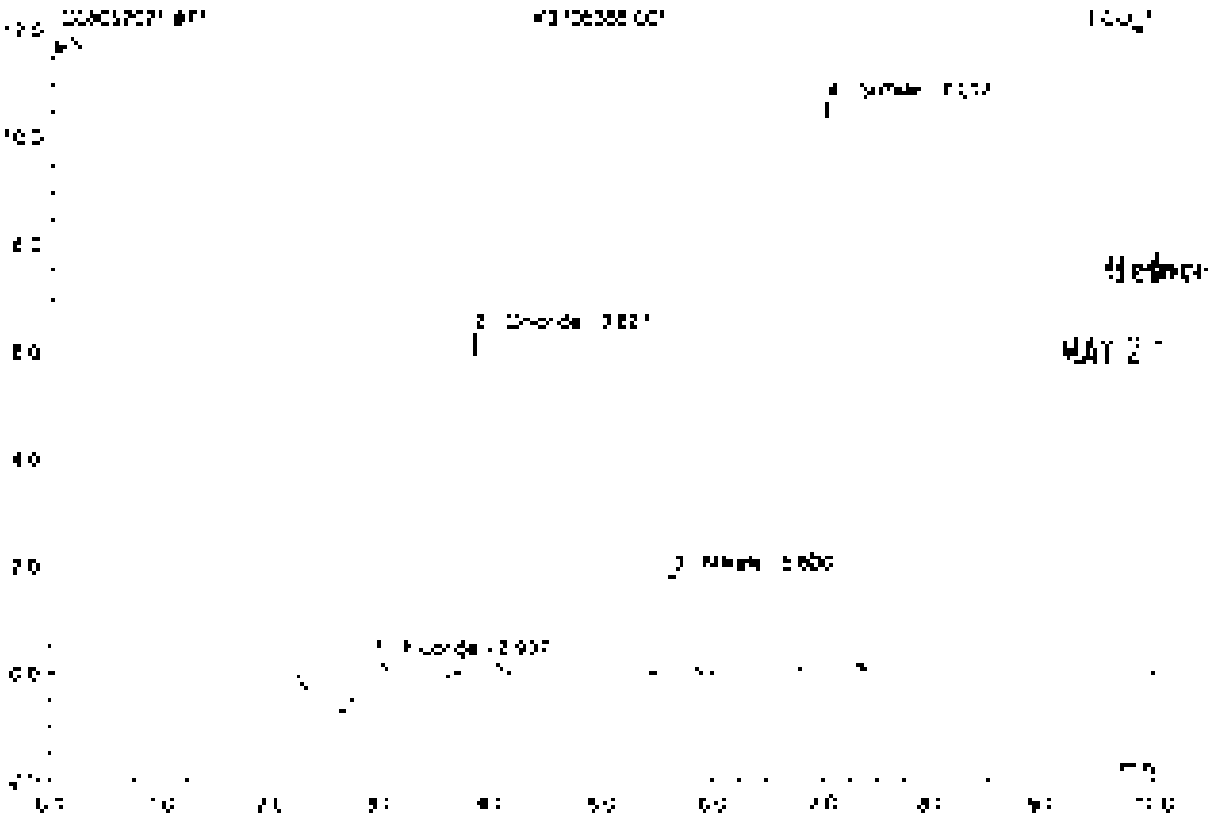
Sample Name	K2105388-001	Injection Volume	25.0
Vial Number	9	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Solvent Method	epa300	Dilution Factor	2.0000
Processing Time	5/20/2021 23:17	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.34	Fluoride	0.586	0.134	4.14	1.067	BMB*
2	3.83	Chloride	6.358	0.759	23.48	8.764	BMB*
3	5.63	Nitrate	1.452	0.302	9.35	1.436	BMB
4	7.02	Sulfate	19.605	2.037	63.03	33.674	BMB
Total:			19.401	3.232	100.00	44.940	

71 K2105388-001

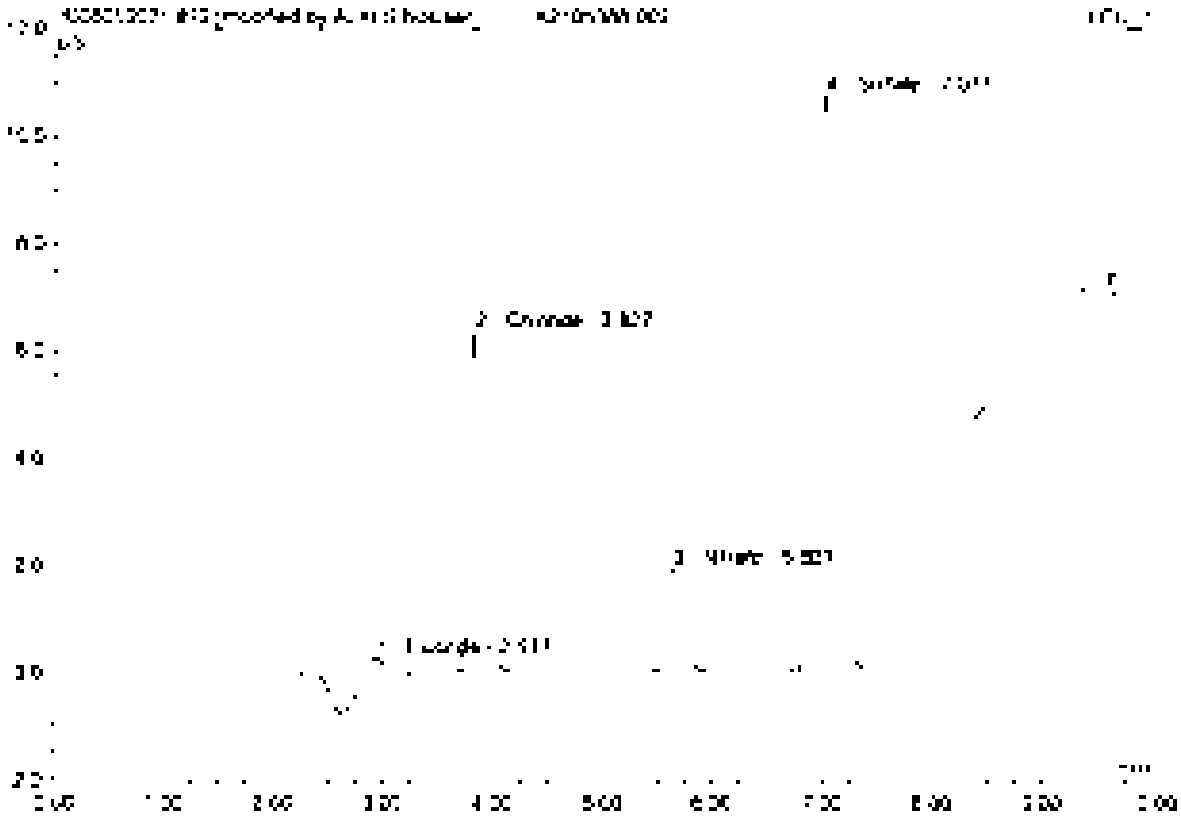
Sample Name	K2105388-001	Injection Volume	25.0
Vial Number	5	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	5/20/2021 23:17	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.34	Fluoride	0.755	0.327	9.54	2.601	BMB
2	3.51	Chloride	5.358	0.759	22.15	9.704	bMB
3	5.63	Nitrite	1.852	0.302	8.82	1.406	BMB
4	7.02	Sulfate	10.605	2.037	59.49	33.074	BMB
Total:			18.611	3.424	100.00	46.875	

72 K2105388-002

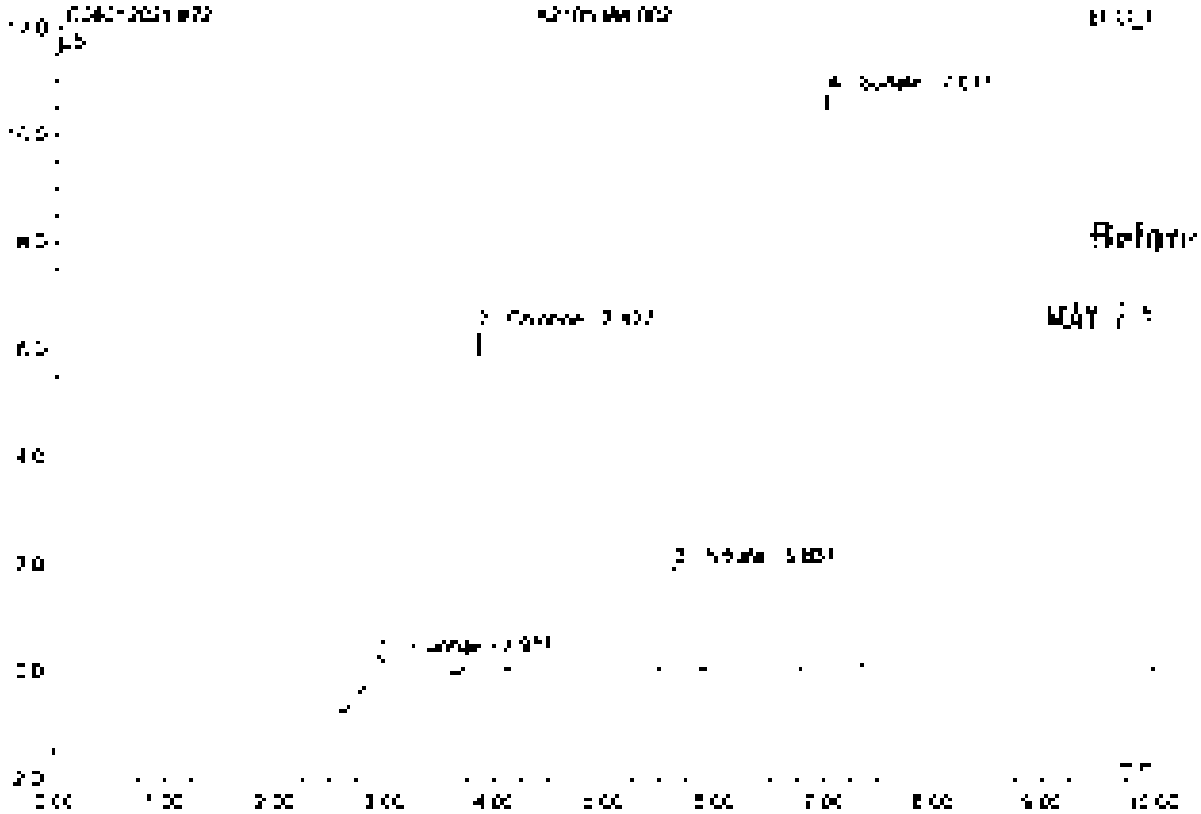
Sample Name	K2105388-002	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	5/20/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	0.526	0.136	4.15	[illegible].081	BMB*
2	3.93	Chloride	5.350	0.758	23.22	8.761	BMB*
3	5.60	Nitrate	1.935	0.310	9.58	[illegible].503	BMB
4	7.02	Sulfate	10.704	2.056	62.95	33.335	BMB
Total:			19.582	3.266	100.00	44.730	

72 K2105388-002

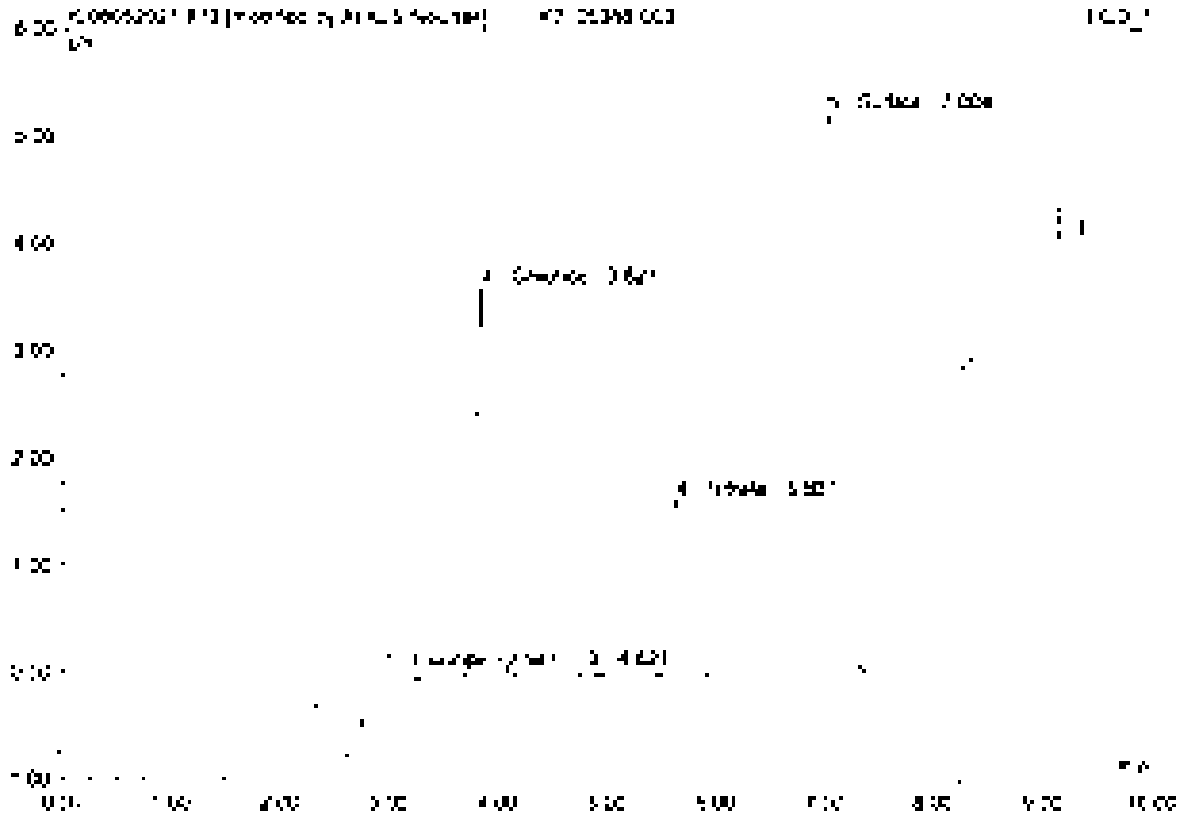
Sample Name	K2105388-002	Injection Volume	25.0
Vial Number	6	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	5/20/2021 23:29	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.94	Fluoride	2.500	0.377	5.46	2.606	BMB
2	3.83	Chloride	6.350	0.755	21.93	8.761	BMB
3	5.53	Nitrate	1.929	0.316	5.14	1.503	BMB
4	7.02	Sulfate	10.704	2.056	55.46	33.385	BMB
Total:			19.484	3.458	100.00	46.254	

73 K2105388-003

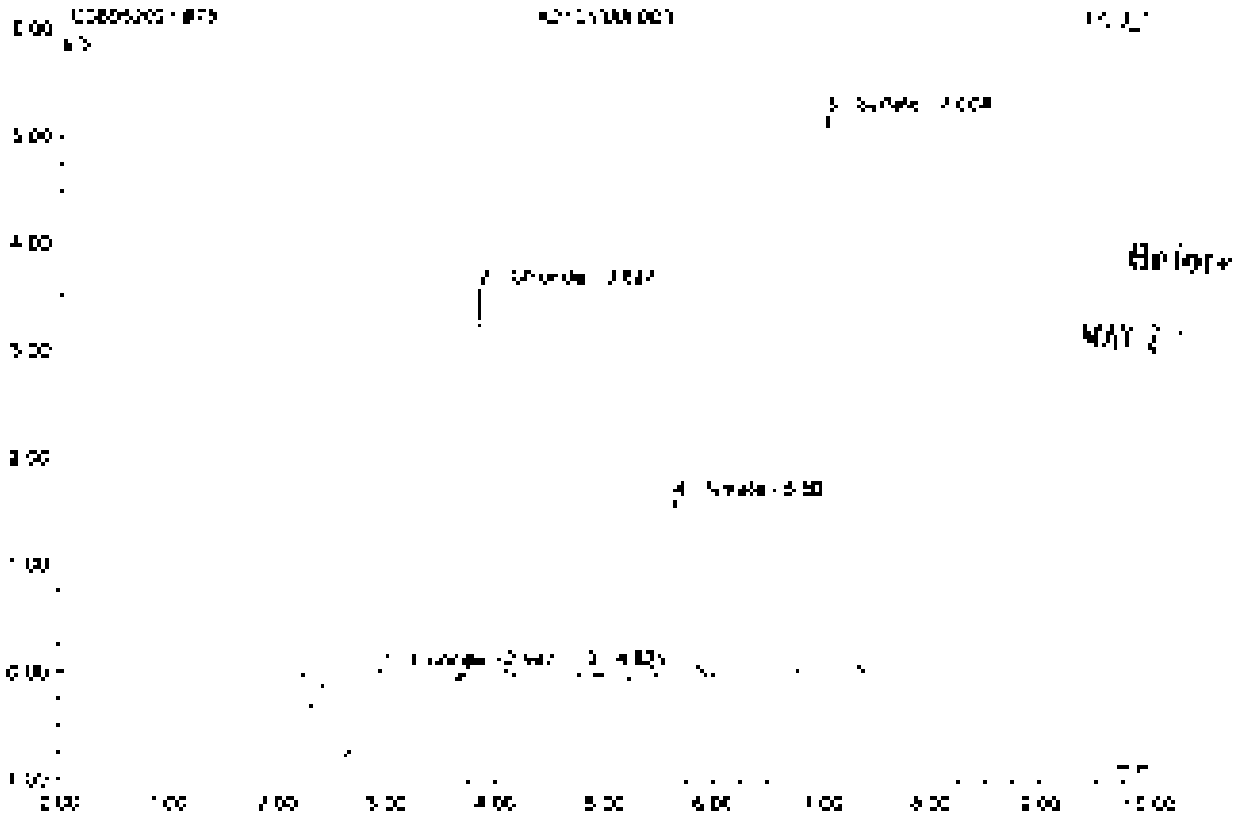
Sample Name	K2105388-003	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quant Method	spa300	Dilution Factor	2.0000
Recording Time	5/20/2021 23:41	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	RetTime min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.55	Fluoride	0.349	0.094	5.10	0.747	BMB
2	3.60	Chloride	3.519	0.436	23.67	5.931	BMB
3	4.82	n.a.	0.055	0.008	0.45	n.a.	BMB
4	5.63	Nitrate	1.638	0.266	14.44	1.260	BMB
5	7.30	Sulfate	5.207	1.037	56.34	16.810	BMB
Total:			10.868	1.840	100.00	23.875	

73 K2105388-003

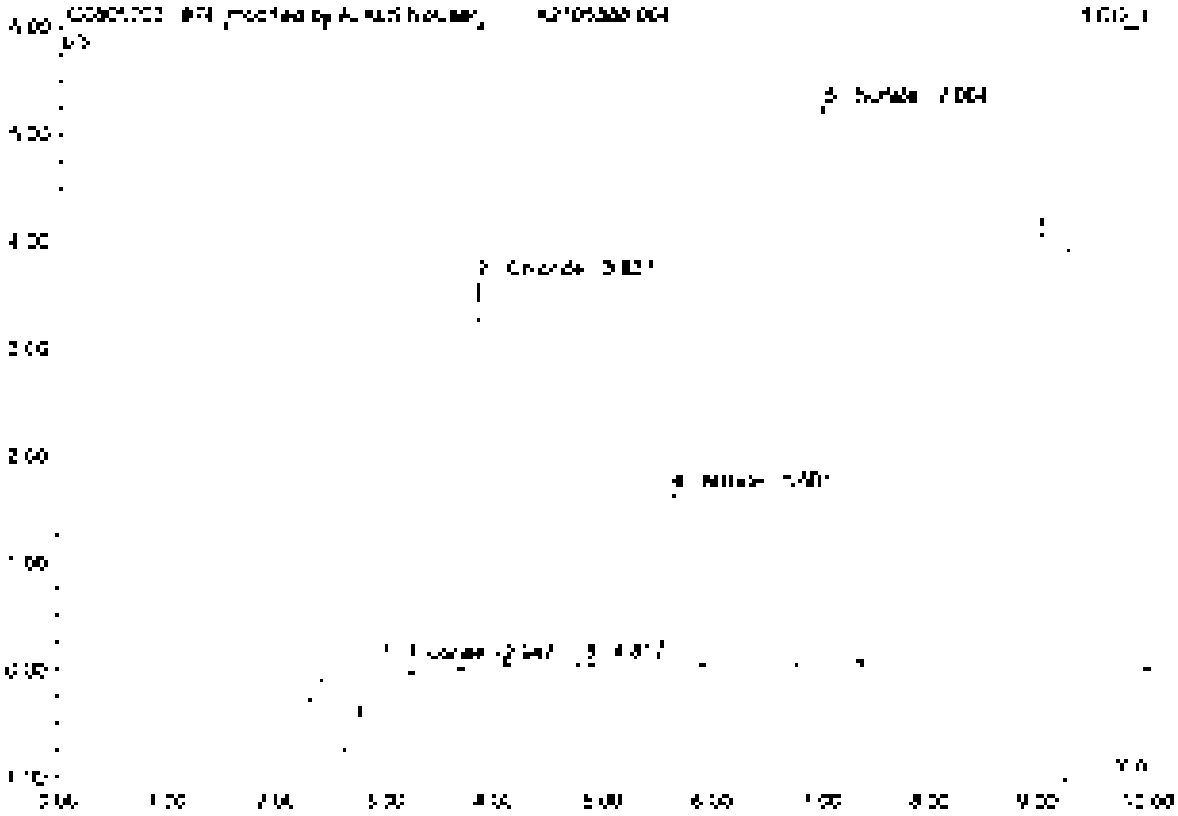
Sample Name	K2105388-003	Injection Volume	25.0
Vial Number	7	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	5/20/2021 23:41	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	0.570	0.283	13.96	2.256	BMB
2	3.82	Chloride	3.615	0.436	21.49	5.031	BMB
3	4.82	Na	0.054	0.008	0.41	n.a.	BMB
4	5.62	Nitrate	1.638	0.268	13.19	1.283	BMB
5	7.00	Sulfate	5.207	1.037	51.08	16.810	BMB
Total:			11.089	2.030	100.00	25.384	

74 K2105388-004

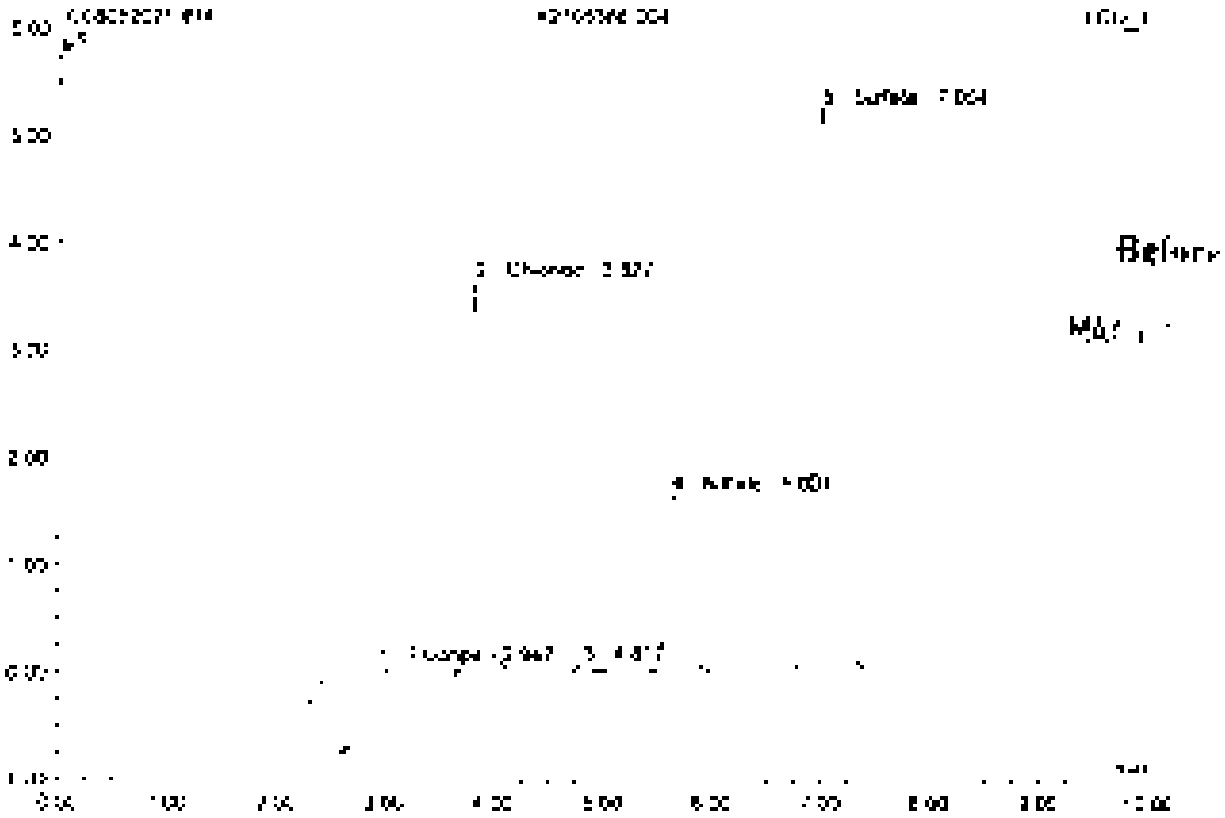
Sample Name	K2105388-004	Injection Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	5/20/2021 23:52	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	0.324	0.050	4.39	0.639	BMB*
2	3.83	Chloride	3.028	0.437	23.06	5.048	BMB*
3	4.57	n.a.	0.057	0.009	0.80	n.a.	BMB
4	5.63	Nitrate	1.645	0.267	14.58	1.270	BMB
5	7.00	Sulfate	5.215	1.038	56.68	16.859	BMB
Total:			10.869	1.832	100.00	23.815	

74 K2105388-004

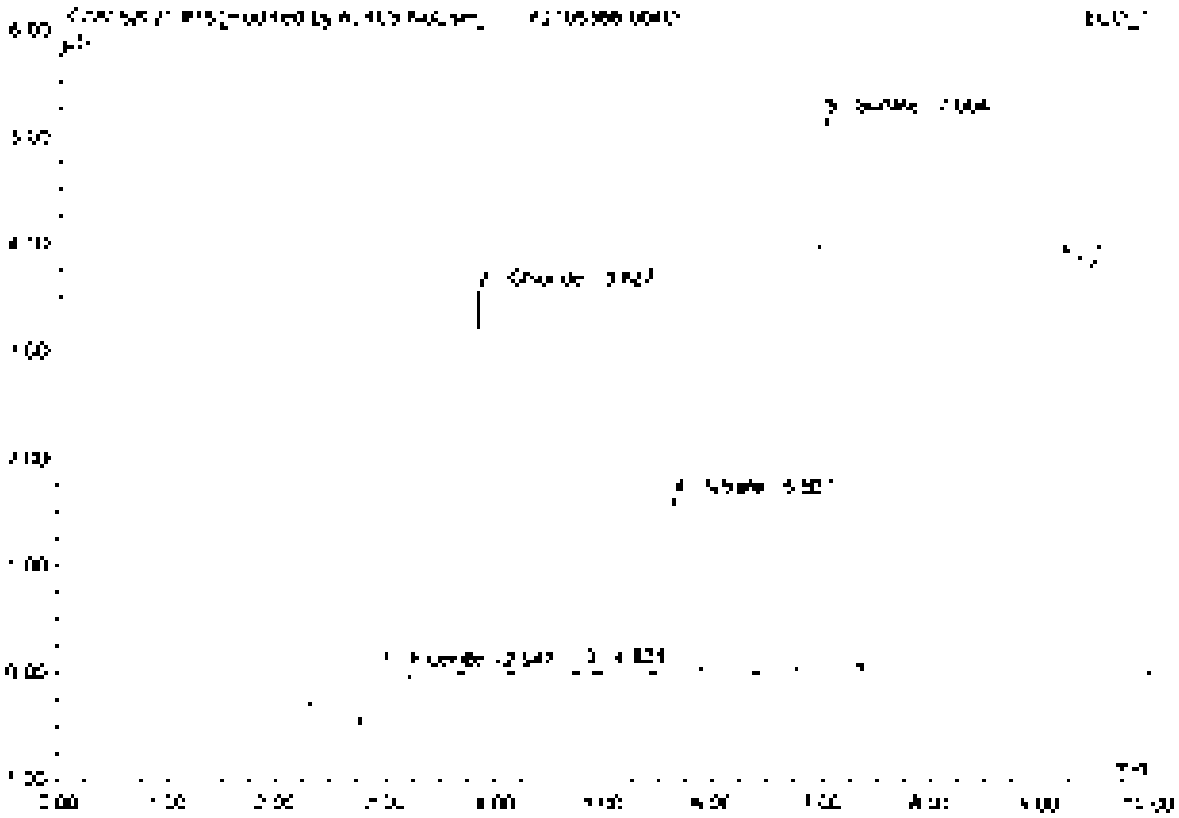
Sample Name	K2105388-004	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	6/20/2021 23:52	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	0.520	0.288	14.12	3.293	BMB
2	3.51	Chloride	3.628	0.437	21.43	5.048	BMB
3	4.22	n.a.	0.057	0.009	0.45	n.a.	BMB
4	5.63	Nitrate	1.645	0.267	13.10	5.270	BMB
5	7.00	Sulfate	5.215	1.038	50.91	16.855	BMB
Total			11.126	2.039	100.00	25.460	

75 K2105388-004D

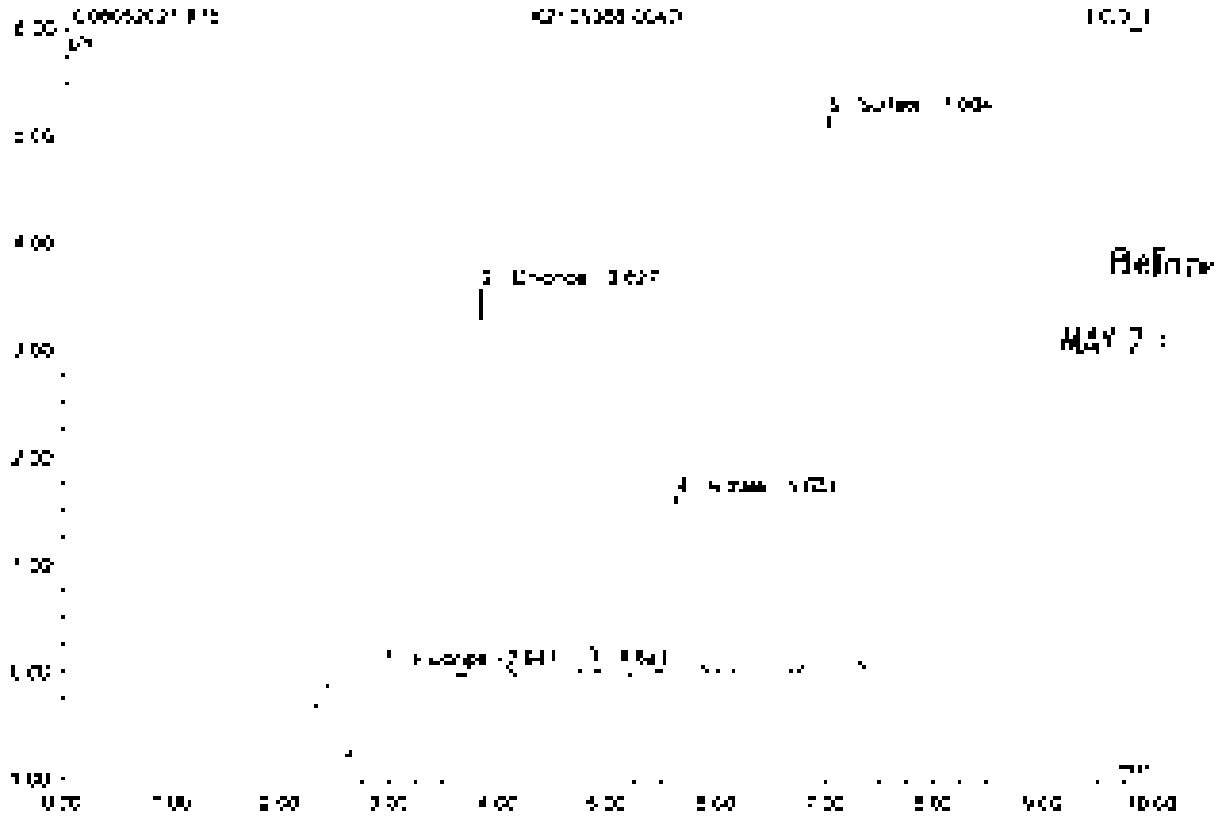
Sample Name	K2105388-004D	Injection Volume	25.0
Vial Number	9	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	6/21/2021 0:04	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	0.321	0.078	4.01	0.621	BMB*
2	3.83	Chloride	3.586	0.472	20.86	6.390	BMB*
3	4.82	n.a.	0.066	0.002	0.07	n.a.	BMB
4	5.53	Nitrate	1.627	0.264	14.53	1.256	BMB
5	7.00	Sulfate	5.152	1.028	56.77	16.686	BMB
Total:			10.751	1.810	100.00	23.552	

75 K2105388-004D

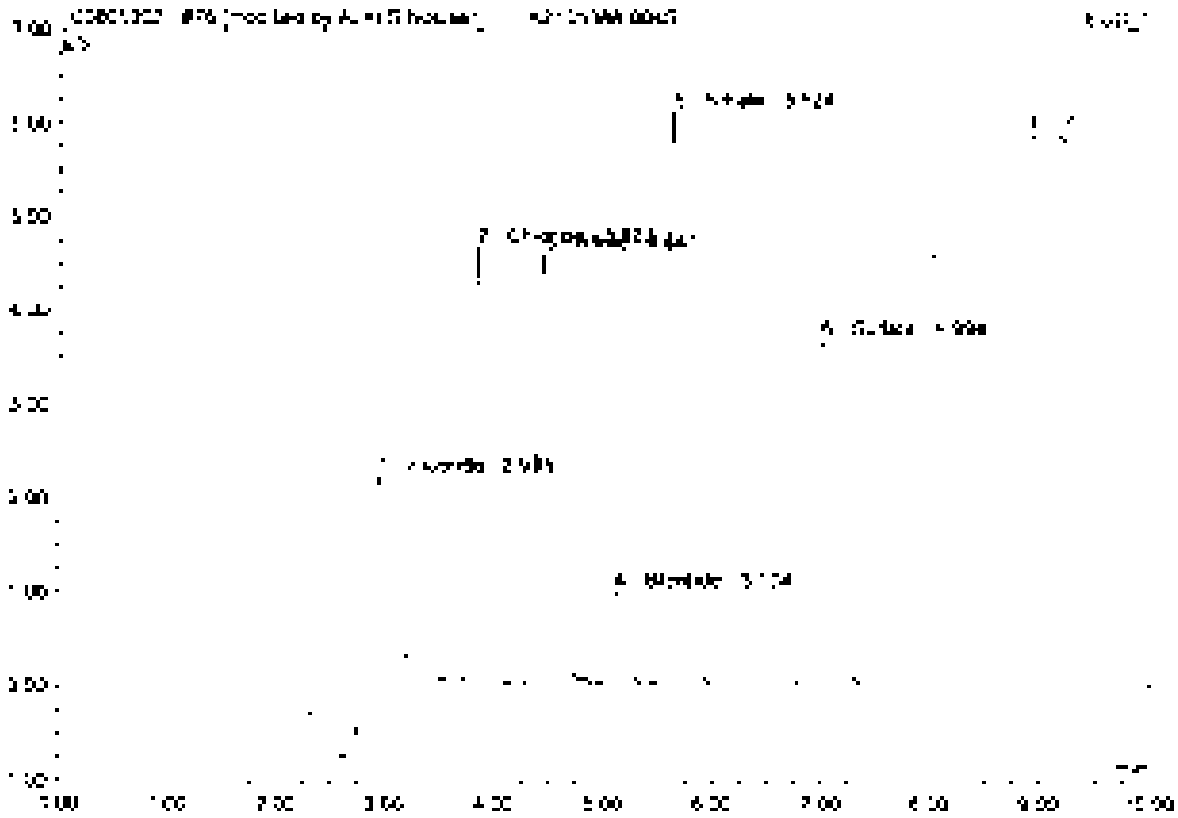
Sample Name	K2105388-004D	Injection Volume	25.0
Vial Number	9	Channel	ECD_1
Sample Type	Unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quant Method	spa300	Dilution Factor	2.0000
Recording Time	5/21/2021 8:04	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	0.570	0.292	14.02	2.249	BMB
2	3.80	Chloride	3.586	0.432	21.44	4.590	BMB
3	4.82	n.a.	0.055	0.005	0.42	n.a.	BMB
4	5.63	Nitrate	1.627	0.264	13.11	1.258	BMB
5	7.00	Sulfate	5.152	1.023	51.01	15.688	BMB
Total:			10.990	2.015	100.00	25.185	

76 K2105388-004S

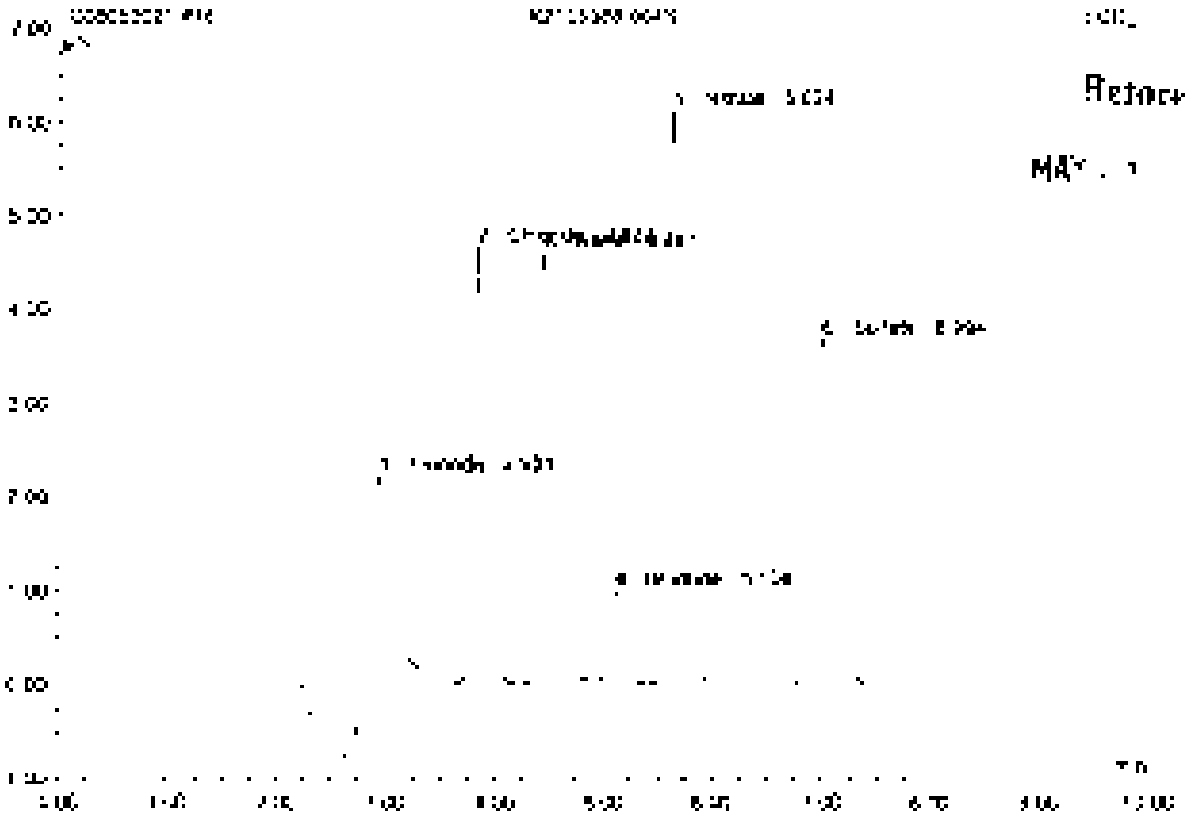
Sample Name	K2105388-004S	Injection Volume	25.0
Vial Number	10	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	4.0000
Recording Time	5/21/2021 0:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Hei.Area %	Amount	Type
1	2.33	Fluoride	2.605	0.593	15.78	9.439	BMB*
2	3.53	Chloride	4.644	0.527	14.02	12.257	BMB*
3	4.44	Nitrite	4.888	0.721	19.19	8.059	BMB
4	5.10	Bromide	0.982	0.144	3.83	8.110	BMB
5	5.62	Nitrate	6.115	0.987	26.29	9.085	BMB
6	6.99	Sulfate	3.651	0.755	20.10	24.507	BMB
Total:			22.590	3.755	100.00	72.401	

76 K2105388-0045

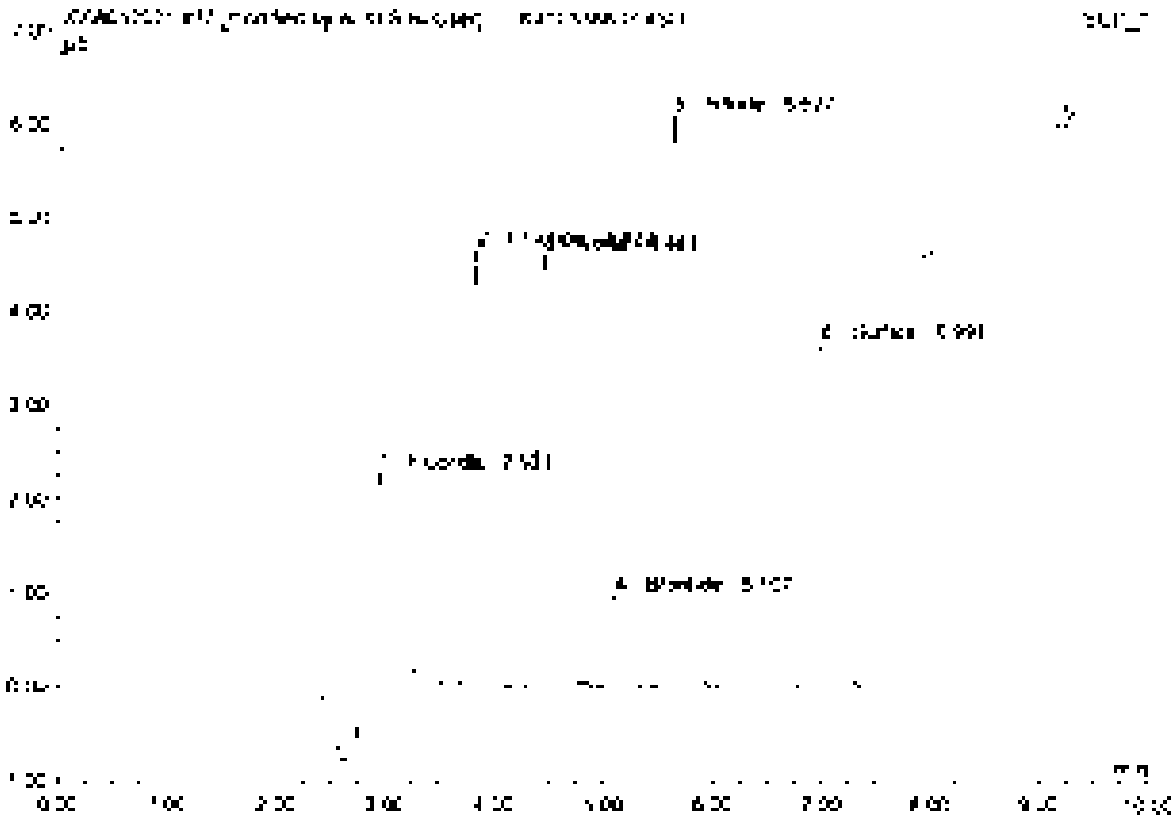
Sample Name	K2105388-0045	Injection Volume	25.0
Vial Number	16	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Closed Method	epa300	Dilution Factor	4.0000
Recording Time	5/21/2021 0:16	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.93	Fluoride	2.632	0.645	10.93	10.271	BV
2	3.63	Chloride	6.044	0.757	14.52	12.857	BVB
3	4.44	Nitrite	4.588	0.721	18.92	18.099	BMB
4	5.10	Bromide	3.982	0.144	3.78	3.713	BMR
5	5.62	Nitrate	6.116	0.587	25.93	9.286	BMB
6	6.99	Sulfate	3.661	0.755	19.92	24.507	BMB
Total:			22.623	3.608	100.00	73.233	

77 K2105388-004SD

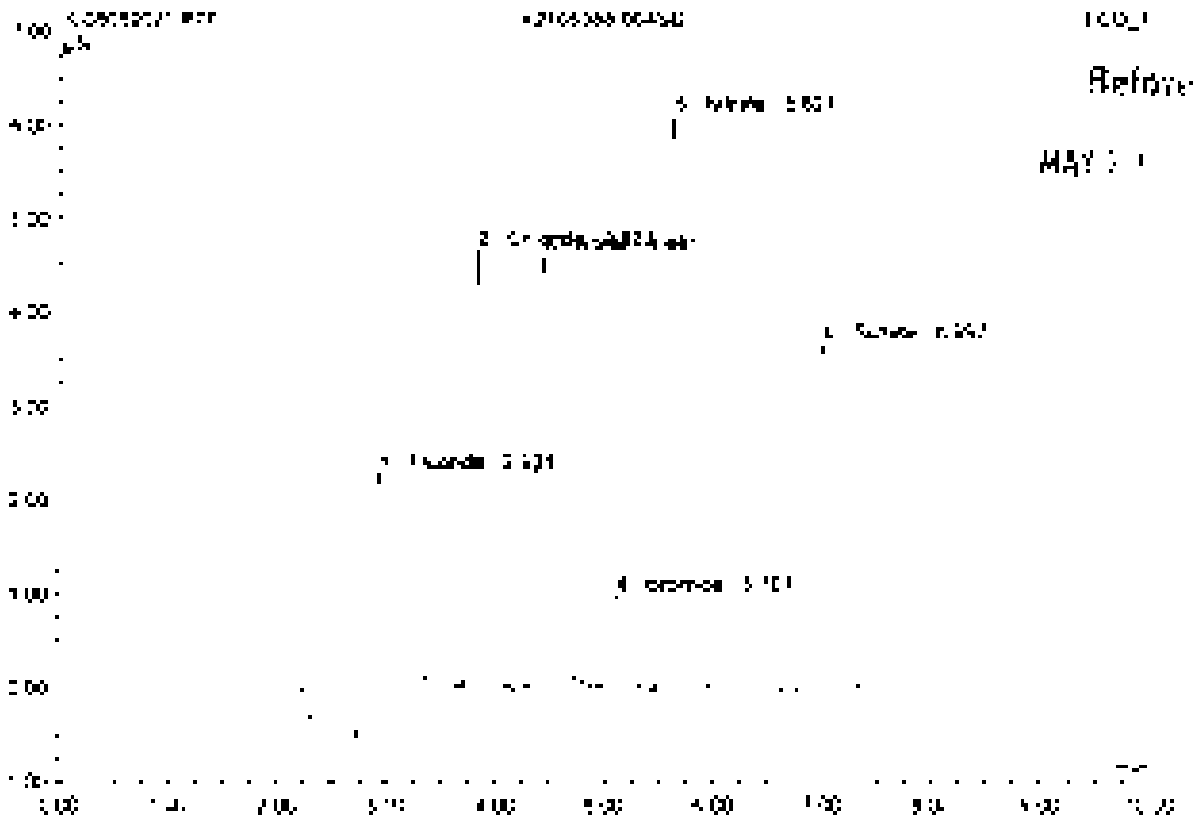
Sample Name	K2105388-004SD	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	4.0000
Processing Time	5/21/2021 0:28	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.93	Fluoride	2.874	0.600	15.92	5.549	BV*B*
2	3.82	Chloride	4.859	0.557	14.79	12.869	BM*T*
3	4.48	Nitrite	4.608	0.721	19.15	8.135	BMB
4	5.71	Bromide	0.982	0.144	3.83	8.130	BMB
5	5.83	Nitrate	8.114	0.587	20.20	9.381	BMB
6	7.00	Sulfate	3.871	0.757	20.11	24.590	BMB
Total:			22.708	3.766	100.00	72.625	

77 K2105388-004SD

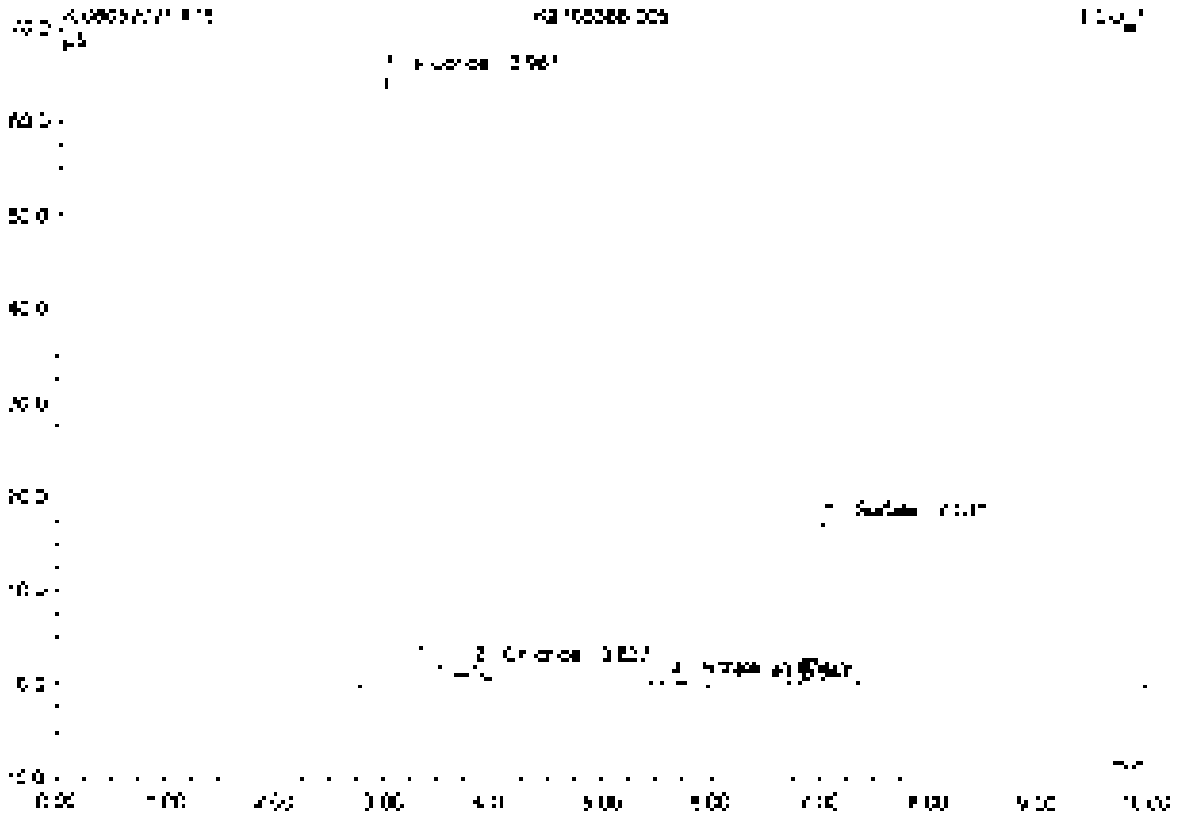
Sample Name	K2105388-004SD	Injection Volume	25.0
Vial Number	11	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	4.0000
Recording Time	5/21/2021 0:28	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.93	Fluoride	2.705	0.051	1.05	[illegible]	BMB
2	3.85	Chloride	6.655	0.557	14.59	[illegible]	BMB
3	4.64	Nitrite	4.608	0.721	18.82	8.105	BMB
4	5.11	Bromide	0.982	0.144	3.73	8.120	BMB
5	5.63	Nitrate	6.174	0.987	25.95	[illegible]	BMB
6	[illegible]	Sulfate	3.671	0.757	19.84	24.590	BMB
Total:			27.794	3.817	100.00	73.446	

78 K2105388-005

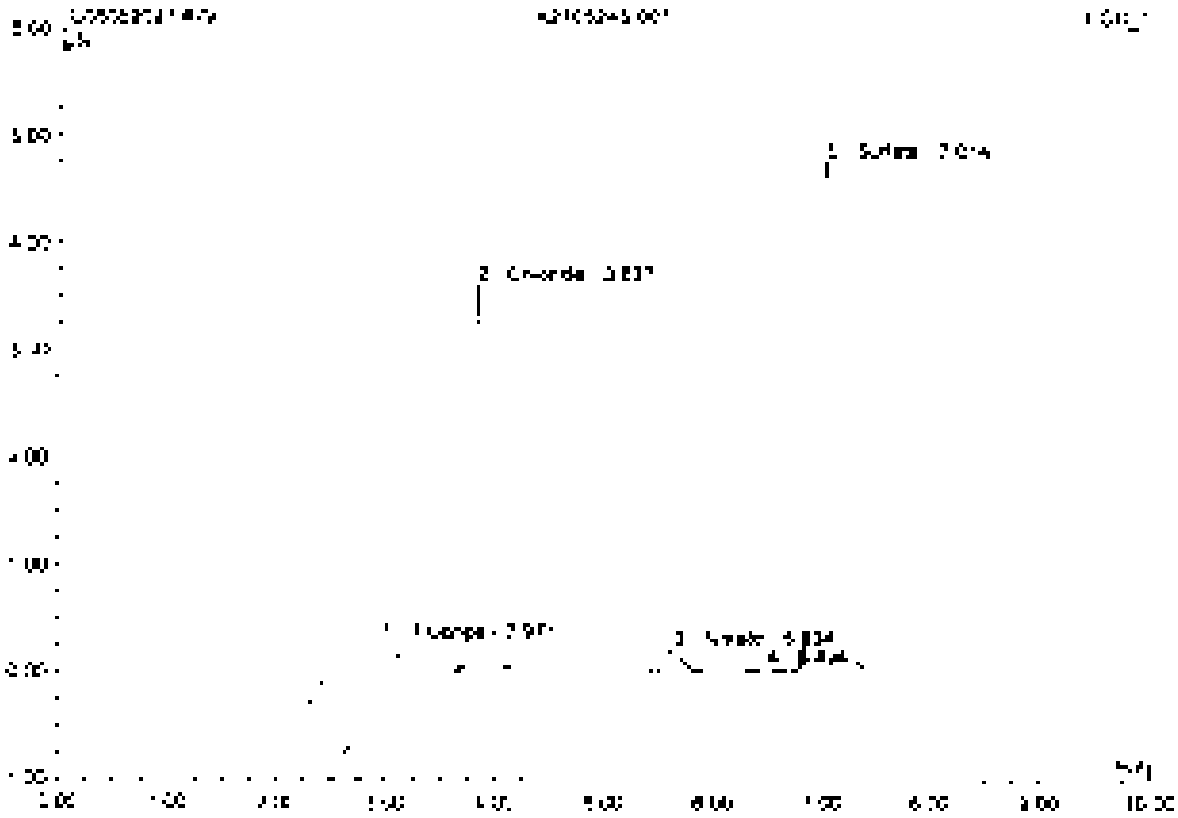
Sample Name	K2105388-005	Injection Volume	25.0
Vial Number	12	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Calibration Factor	2.0000
Recording Time	5/21/2021 0.40	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.53	Fluoride	63.154	13.021	78.73	103.701	BMB
2	3.23	Chloride	1.201	0.136	0.82	1.573	BMB
3	5.63	Nitrate	0.584	0.095	0.58	0.453	BMB
4	6.55	n.a.	0.021	0.006	0.04	n.a.	BMB
5	7.00	Sulfate	17.264	3.281	19.84	53.250	BMB
Total:			84.244	16.540	100.00	159.508	

79 K2105245-001

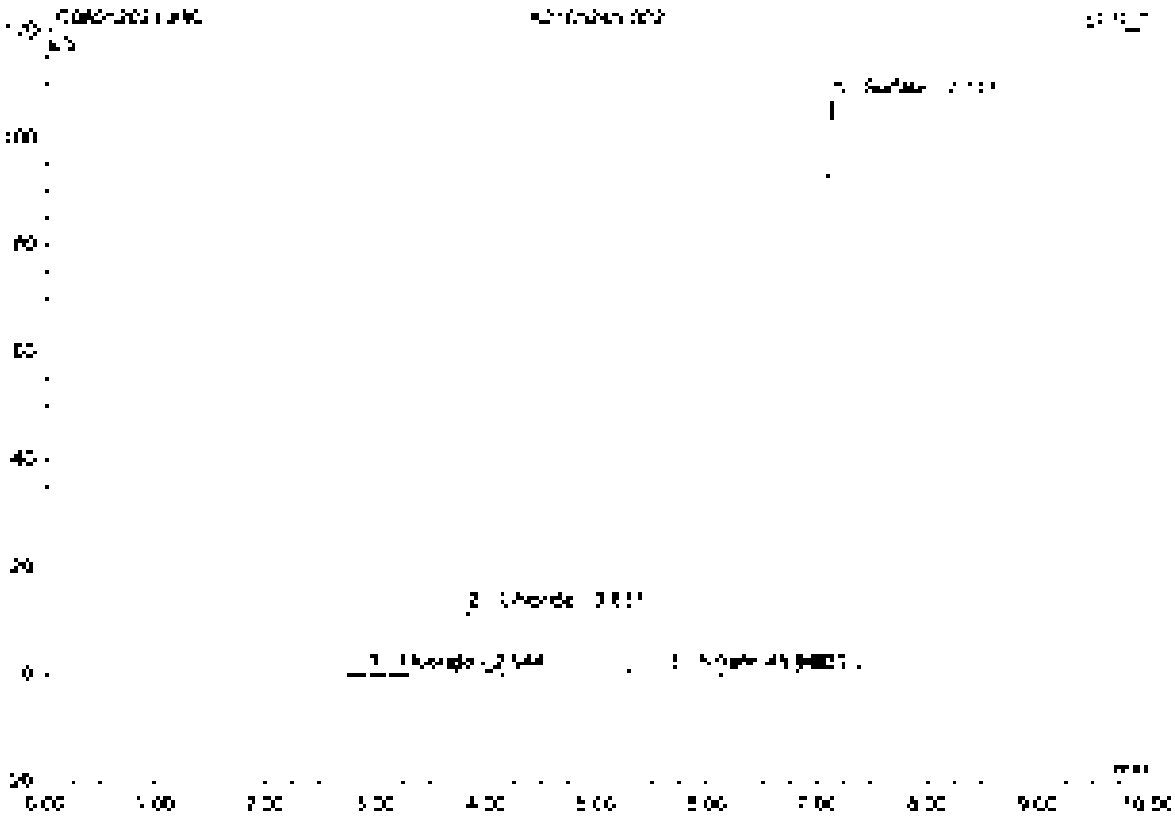
Sample Name	K2105245-001	Injection Volume	25.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Calibration Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	5/21/2021 0:52	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.937	Fluoride	0.771	0.353	20.19	2.810	BMB
2	3.62	Chloride	3.276	0.431	24.57	4.578	BMB
3	5.62	Nitrate	0.207	0.032	1.81	0.159	BVB
4	5.45	n.a.	0.033	0.011	0.60	n.a.	BVB
5	7.07	Sulfate	4.777	0.919	52.62	14.928	BMB
Total			9.310	1.747	100.00	22.875	

#0 K2105245-002

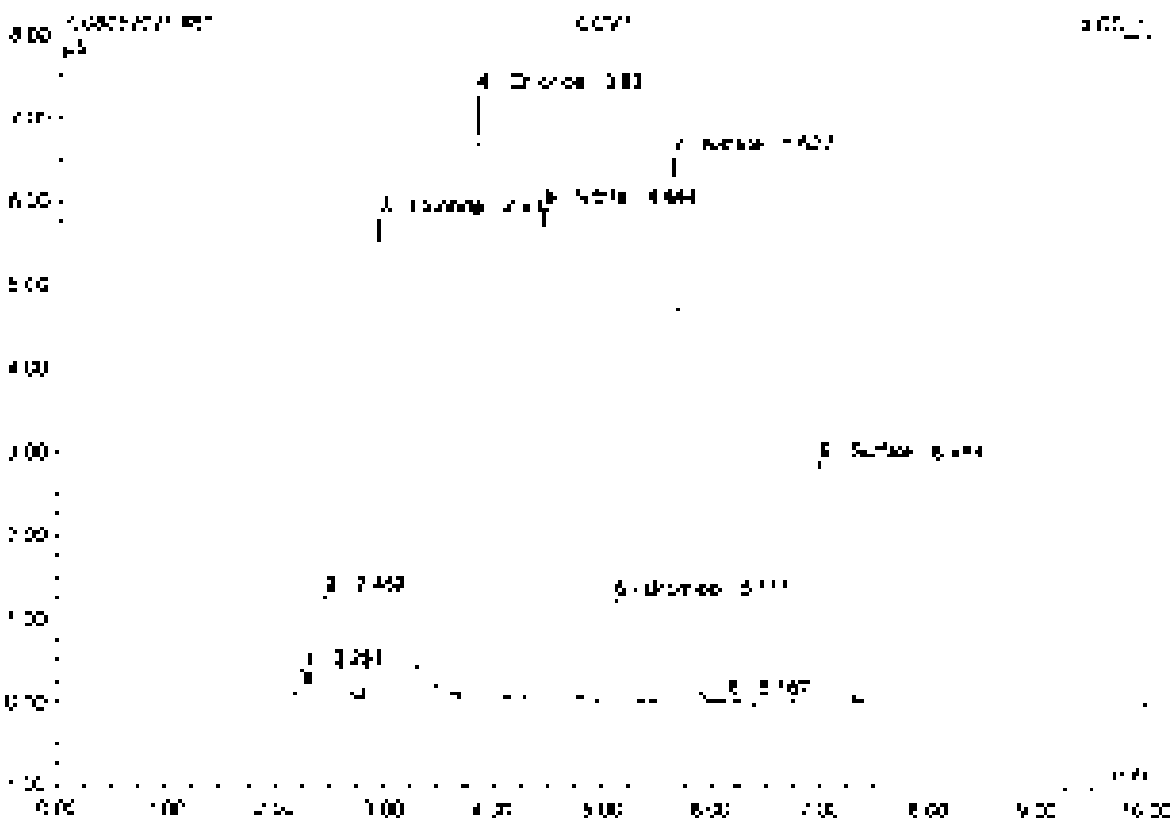
Sample Name	K2105245-002	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Processing Time	5/21/2021 1:00	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.94	Fluoride	0.544	0.246	1.14	1.958	BMB
2	3.82	Chloride	11.747	1.404	6.49	16.218	BMB
3	5.64	Nitrate	0.224	0.053	0.25	0.253	BMB
4	6.50	n.a.	0.046	0.013	0.06	n.a.	BMB
5	7.72	Sulfate	106.372	19.919	92.07	324.374	BMB
Total:			118.933	21.633	100.00	341.803	

81 CCV7

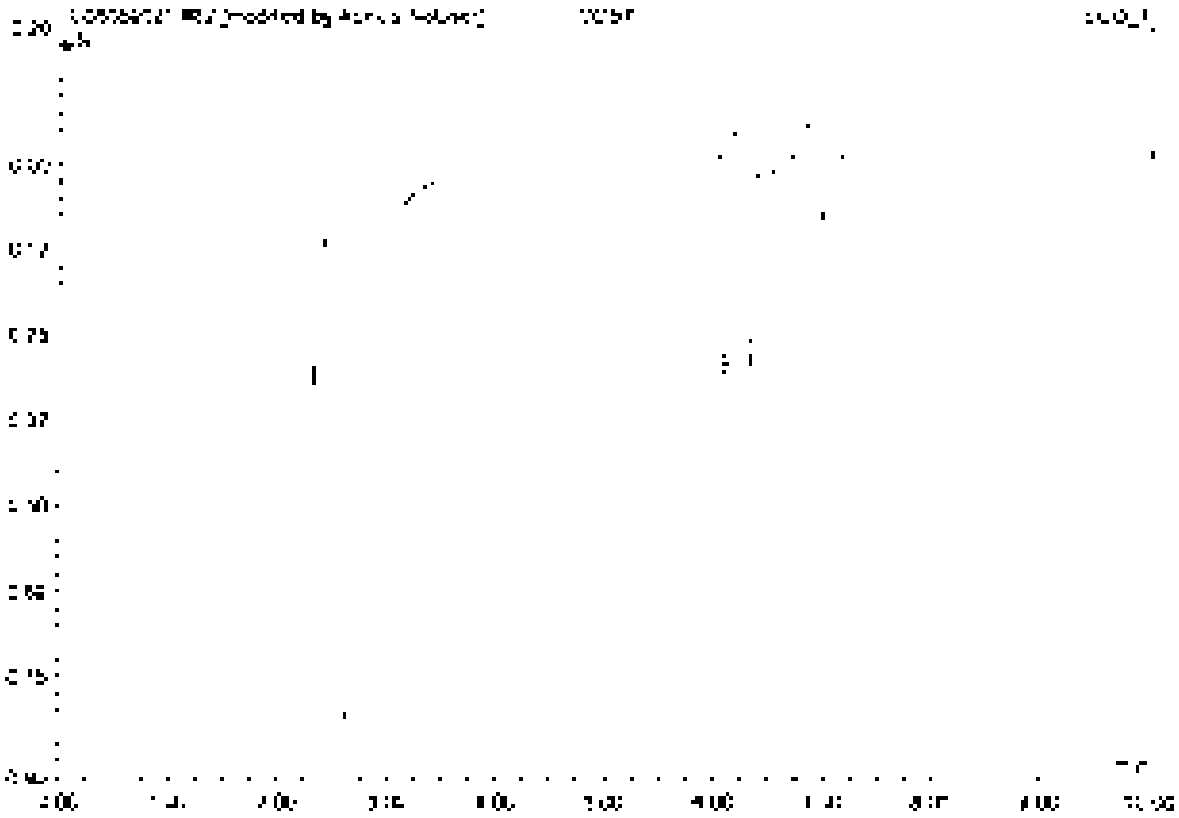
Sample Name	CCV7	Injection Volume	25.0
Vial Number	48	Channel	ECD [illegible]
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	5/21/2021 1:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.26	n.a.	0.204	0.015	0.31	n.a.	BMB
2	2.48	n.a.	1.117	0.228	4.52	n.a.	bVB
3	2.94	Fluoride	5.775	1.137	22.62	4.529	BMb
4	3.83	Chlorine	7.226	0.866	17.00	4.037	bMB
5	4.44	Nitrite	5.913	0.928	18.46	2.609	BMB
6	5.11	Bromide	5.227	0.180	3.58	2.539	BMB
7	5.63	Nitrate	6.556	1.054	20.95	2.505	BMb
8	6.17	n.a.	0.345	0.007	0.14	n.a.	bVB
9	6.95	Sulfate	2.881	0.674	13.41	5.064	BMB
Total:			30.944	5.029	100.00	22.183	

82 CCB7

Sample Name	CCB7	Injection Volume	25.0
Vial Number	47	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa309	Bandwidth	n.a.
Quant Method	epa309	Dilution Factor	1.0000
Recording Time	5/21/2021 1:27	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

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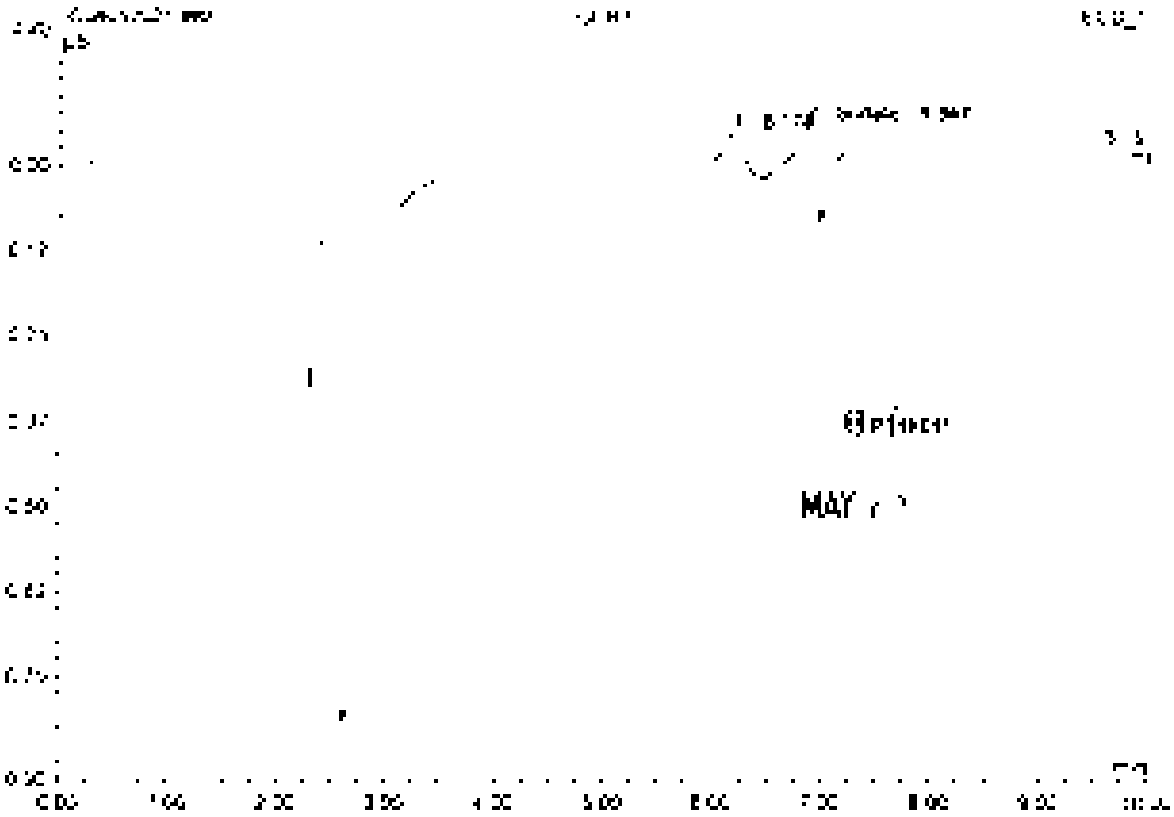
#2 CCB7

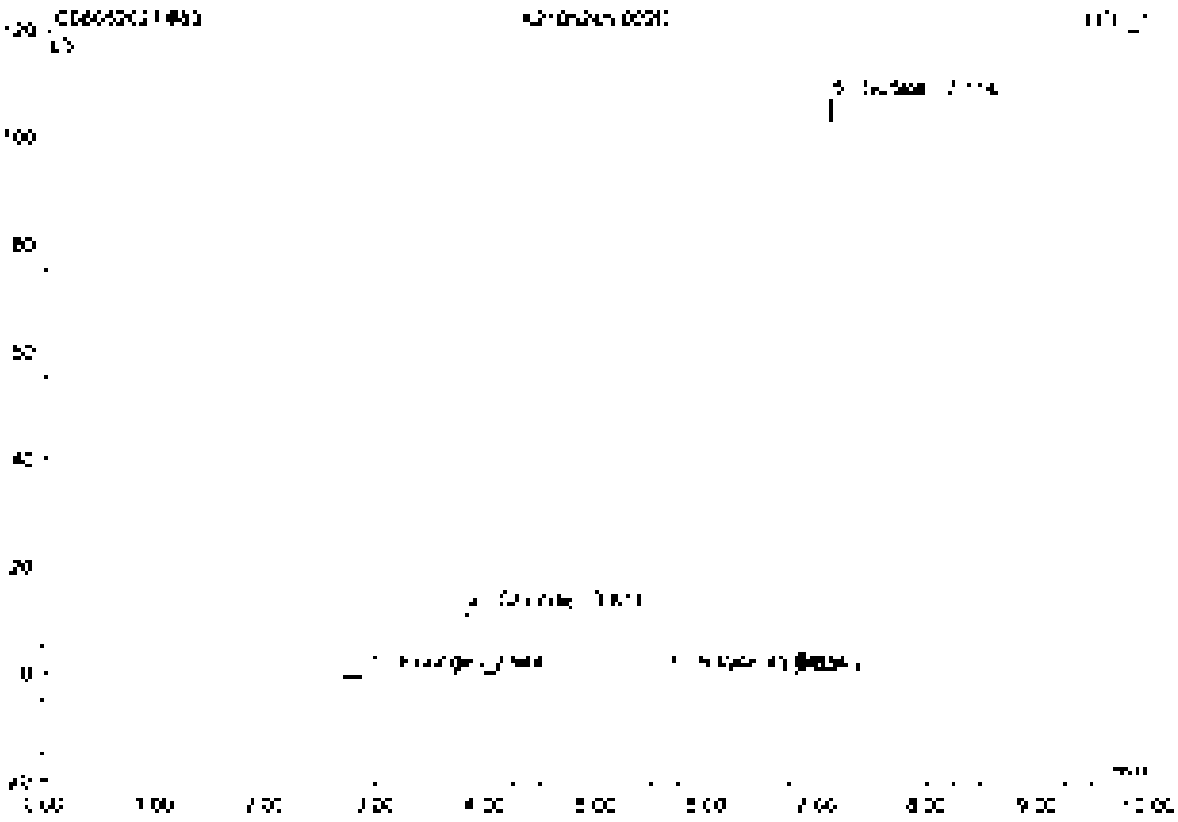
Sample Name	CCB7	Injection Volume	25.0
Vial Number	47	Channel	ECD: 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Analysing Time	5/21/2021 1:27	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.17	n.a.	0.120	1.434	89.59	n.a.	BMB
2	5.35	Sulfate	0.124	0.129	1.81	0.234	BMB
3	9.57	n.a.	0.020	0.131	8.20	n.a.	BMB
Total:			0.253	1.534	100.00	0.234	

83 K2105245-002D

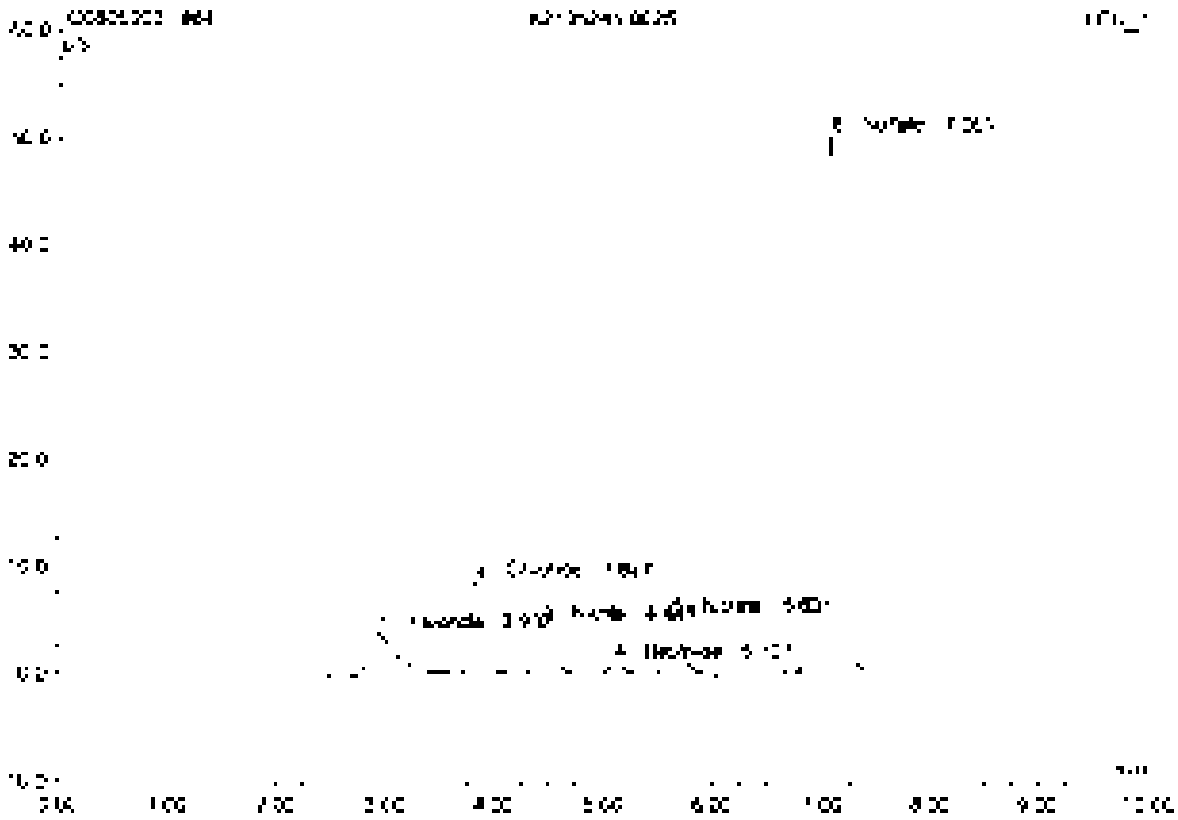
Sample Name	K2105245-002D	Injection Volume	25.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	5/21/2021 1:40	Sample Weight	1.0000
Run Time (max.)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.34	Fluoride	0.538	0.247	1.14	1.967	BMB
2	3.80	Chloride	11.740	1.402	6.45	16.151	BMB
3	5.64	Nitrite	0.216	0.050	0.23	0.238	BMB
4	6.53	n.a.	0.047	0.014	0.07	n.a.	BMB
5	7.11	Sulfate	106.515	19.930	92.09	323.675	BMB
Total			115.056	21.645	100.00	342.032	

84 K2105245-002S

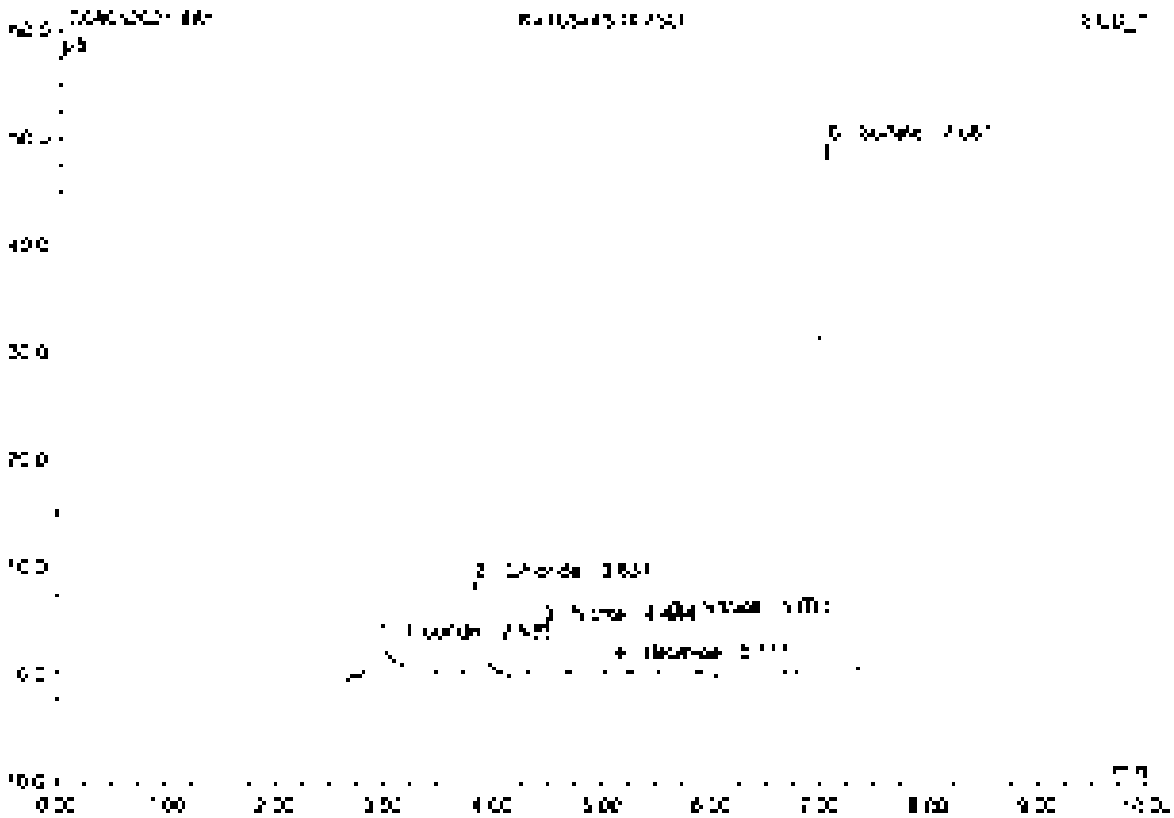
Sample Name	K2105245-002S	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Method Method	epa300	Dilution Factor	4.0000
Recording Time	5/21/2021 1:52	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.34	Fluoride	4.120	1.225	5.11	19.516	BMB
2	3.82	Chloride	5.671	1.035	7.70	23.511	BMB
3	4.44	Nitrite	4.594	0.727	5.41	8.169	BMB
4	5.11	Bromide	0.985	0.147	1.09	2.284	BMB
5	5.62	Nitrate	5.239	0.862	5.41	8.185	BMB
6	7.06	Sulfate	45.878	9.448	70.22	326.805	BMB
Total			72.486	13.444	100.00	374.879	

#5 K2105245-002SD

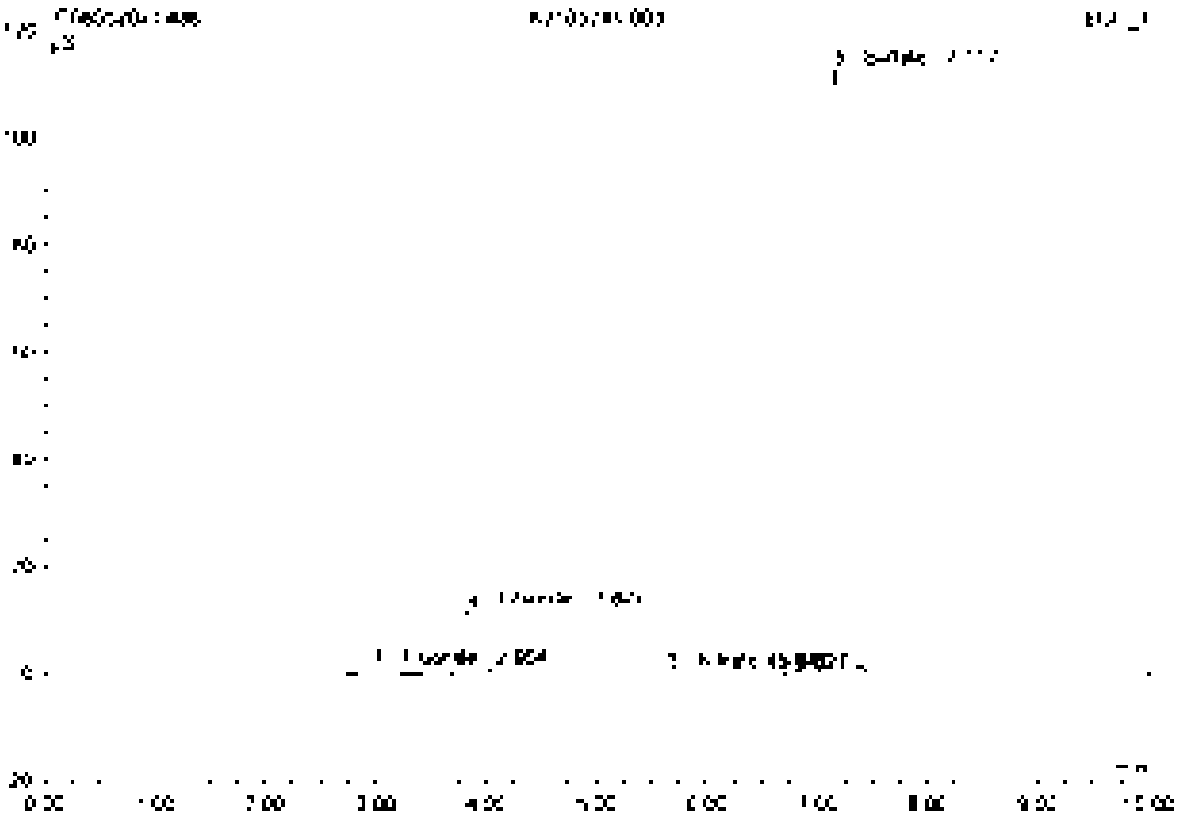
Sample Name	K2105245-002SD	Injection Volume	25.0
Vial Number	17	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	4.0000
Recording Time	5/21/2021 2:04	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	2.333	0.526	7.09	14.725	BMB
2	3.83	Chloride	8.605	1.027	7.84	21.730	BMB
3	4.44	Nitrite	4.585	0.727	5.57	8.150	BMB
4	5.71	Bromide	6.983	0.167	1.13	8.284	BMB
5	5.83	Nitrate	6.231	0.860	6.60	8.181	BMB
6	7.06	Sulfate	49.302	5.354	71.73	303.751	BMB
Total:			72.040	13.040	100.00	366.637	

86 K2105245-003

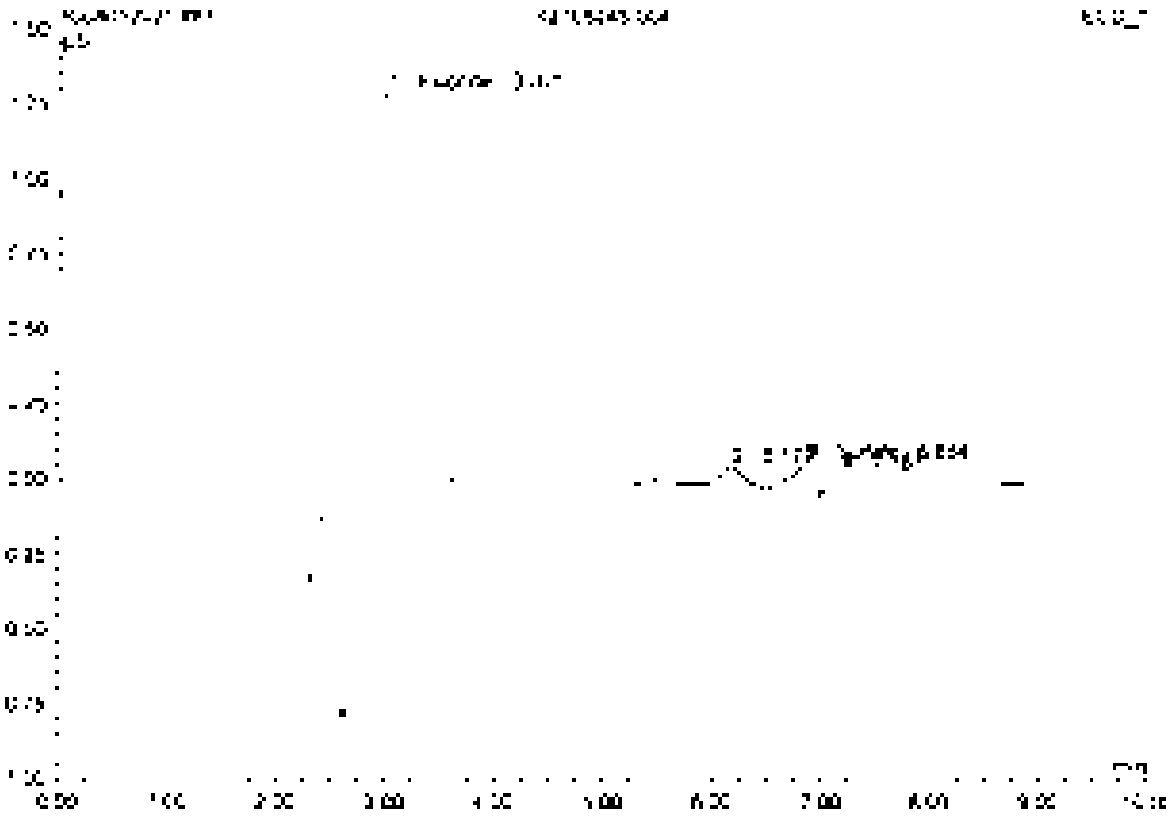
Sample Name	K2105245-003	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	5/21/2021 2:15	Sample Weight	1.0000
Run Time (min)	60.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.86	Fluoride	1.262	0.535	2.31	6.265	BMB
2	3.82	Chloride	11.994	1.434	6.18	16.568	BMB
3	5.64	Nitrate	0.295	0.067	0.29	0.219	BMB
4	6.53	n.a.	0.039	0.011	0.05	n.a.	BMB
5	7.12	Sulfate	112.042	21.148	91.17	343.375	BMB
Total:			125.643	23.196	100.00	364.625	

87 K2105245-004

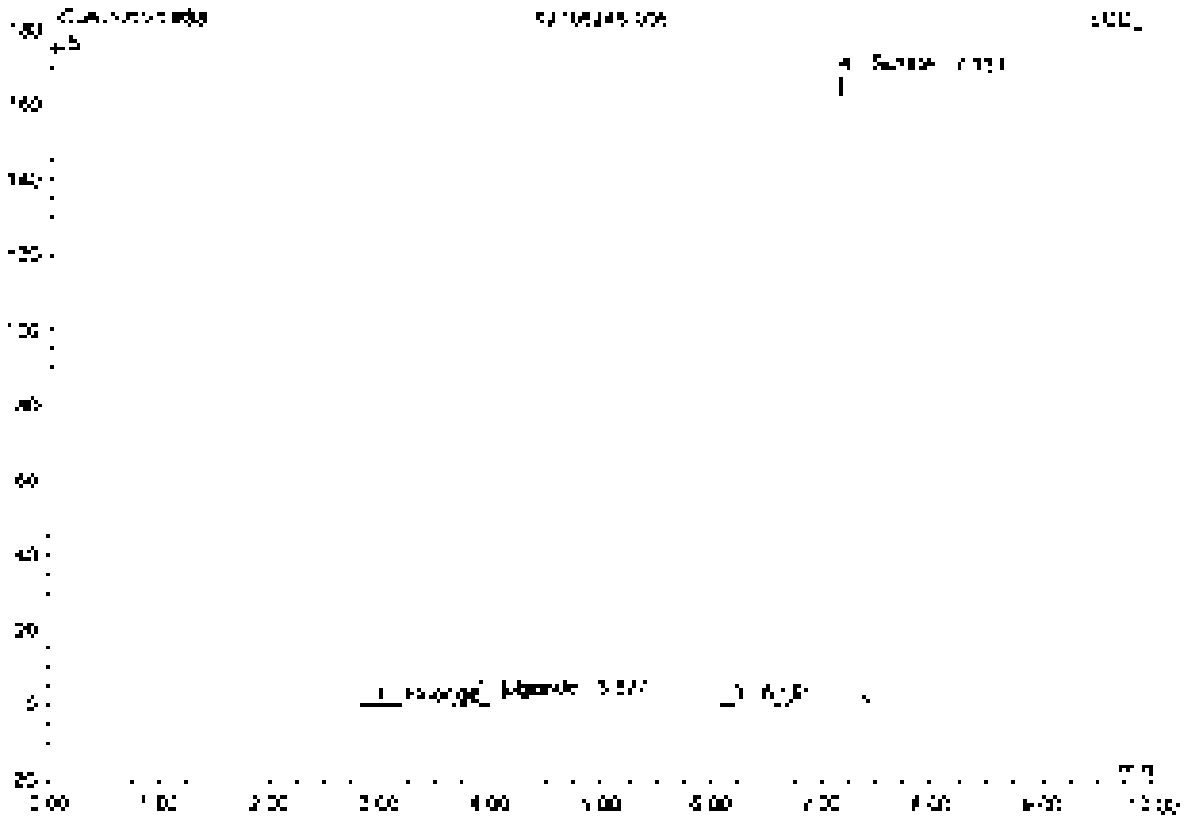
Sample Name	K2105245-004	Injection Volume	25.0
Vial Number	19	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	2.0000
Recording Time	5/21/2021 2:27	Sample Weight	1.0000
Run Time (max.	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.30	Chloride	1.970	1.453	93.70	11.570	BMB
2	6.18	n.a.	0.081	0.075	0.97	n.a.	BMB
3	5.55	Sulfate	0.022	0.022	1.40	0.352	BMB
4	7.15	n.a.	0.057	0.061	3.93	n.a.	BMB
Total:			2.232	1.551	100.00	11.928	

88 K2105245-005

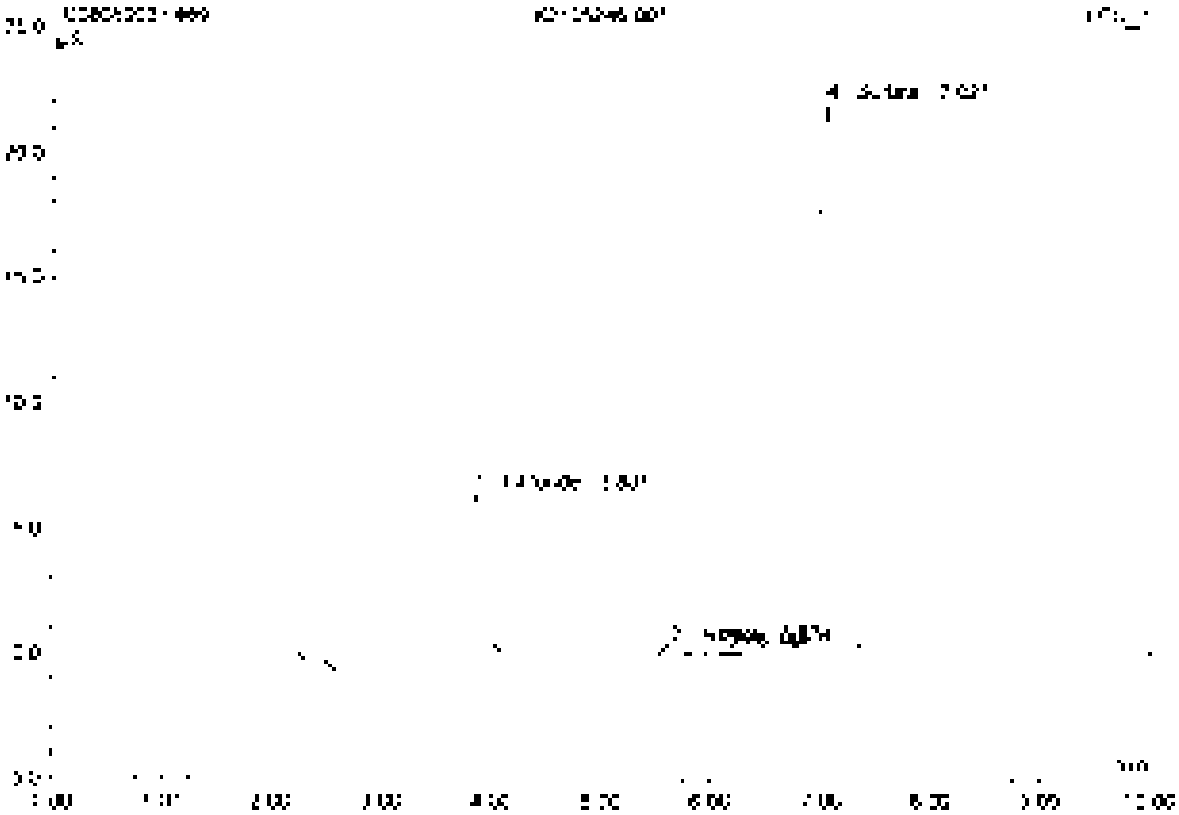
Sample Name	K2105245-005	Injection Volume	25.0
Vial Number	30	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	5/21/2021 2:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	0.817	0.217	0.36	1.729	BMB
2	3.83	Chloride	1.877	0.291	0.59	2.671	bMB
3	6.13	n.a.	0.175	0.041	0.11	n.a.	BMB
4	7.15	Sulfate	167.045	32.562	98.75	626.135	BMB
Total:			169.514	33.051	100.00	630.535	

89 K2105246-001

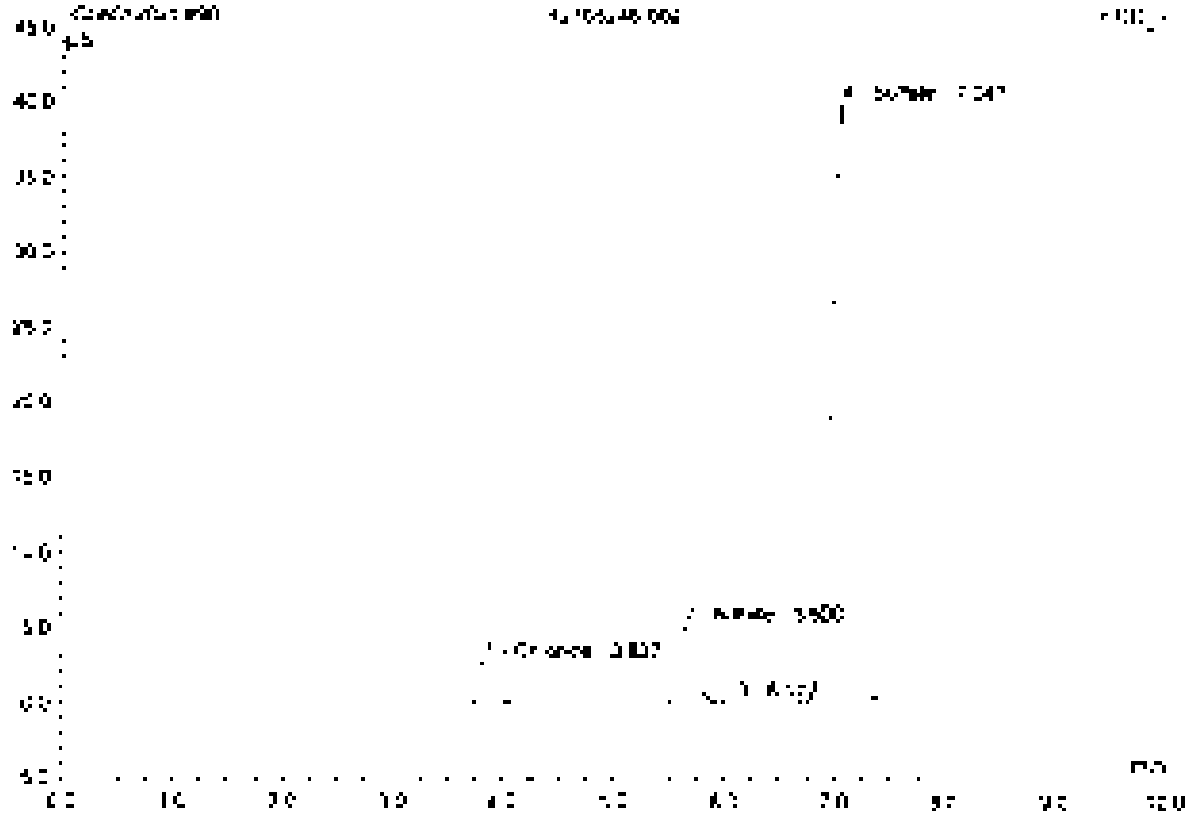
Sample Name	K2105246-001	Injection Volume	25.0
Vial Number	21	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	5/21/2021 2:51	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.83	Chloride	6.394	0.762	14.62	8.800	BMB
2	5.52	Nitrate	0.329	0.054	1.03	0.254	BMB
3	6.15	F-a	0.014	0.013	0.24	n.a.	BMB
4	7.02	Sulfate	21.838	4.383	84.11	21.182	BMB
Total:			28.635	5.211	100.00	30.216	

90 K2105246-002

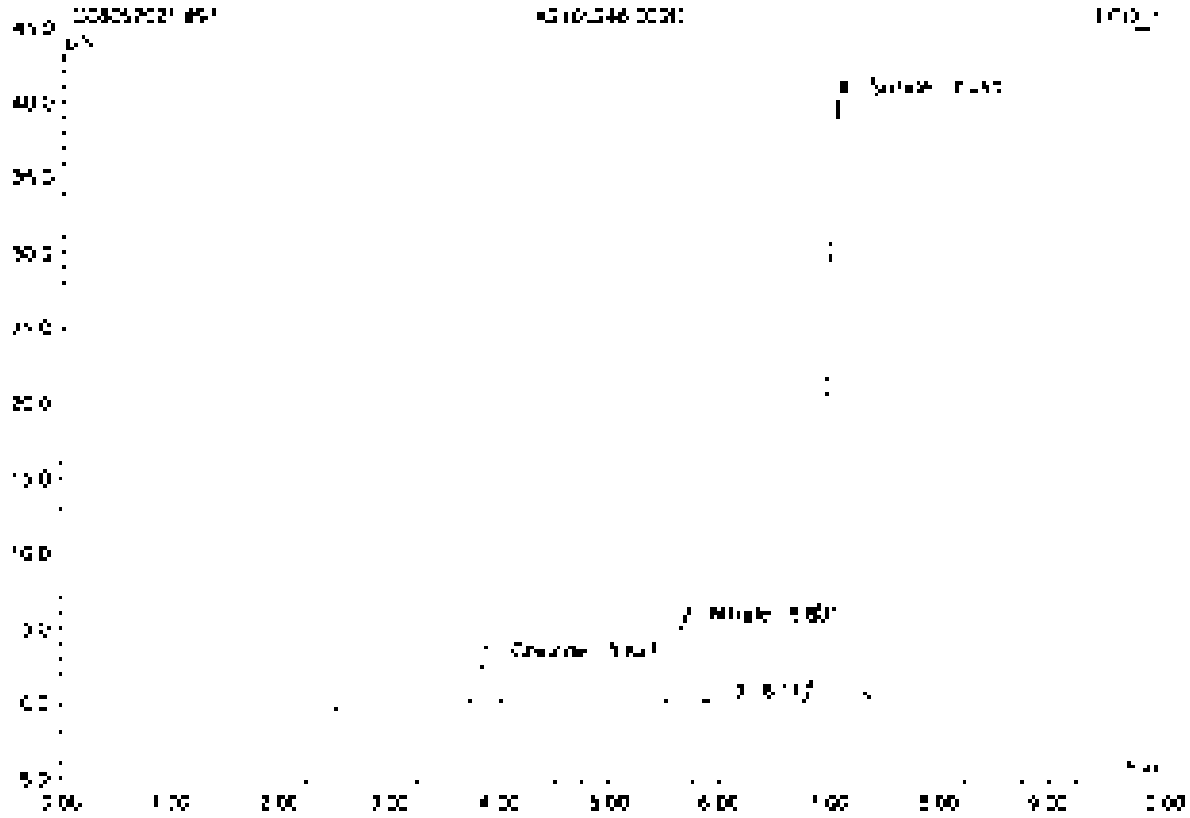
Sample Name	K2105246-002	Injection Volume	25.0
Vial Number	22	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Processing Time	3/31/2021 3:03	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.82	Chloride	2.726	0.331	3.76	1.223	BMB
2	5.62	Nitrate	5.207	0.850	9.65	4.039	BVD
3	6.12	n.a.	0.050	0.007	0.08	n.a.	BMD
4	7.35	Sulfate	39.631	7.613	86.50	120.607	BMB
Total:			47.608	8.801	100.00	127.459	

91 K2105246-002D

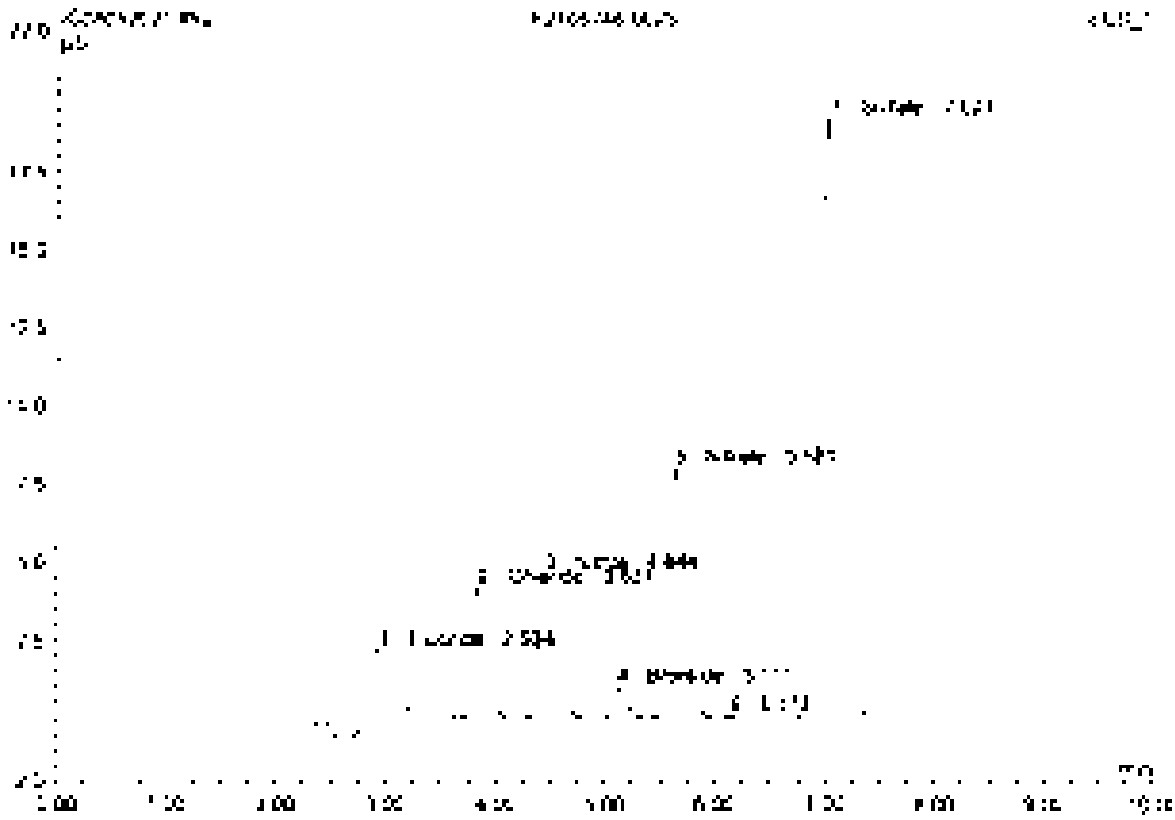
Sample Name	K2105246-002D	Injection Volume	25.0
Vial Number	91	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	5/21/2021 3:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.52	Chloride	2.726	0.337	3.74	3.228	BMB
2	5.60	Nitrate	5.245	0.858	9.52	4.081	BMB
3	6.12	n.a.	0.049	0.007	0.08	n.a.	BMB
4	7.05	Sulfate	40.021	7.674	86.67	124.598	BMB
Total:			48.042	8.871	100.00	132.507	

92 K2105246-002S

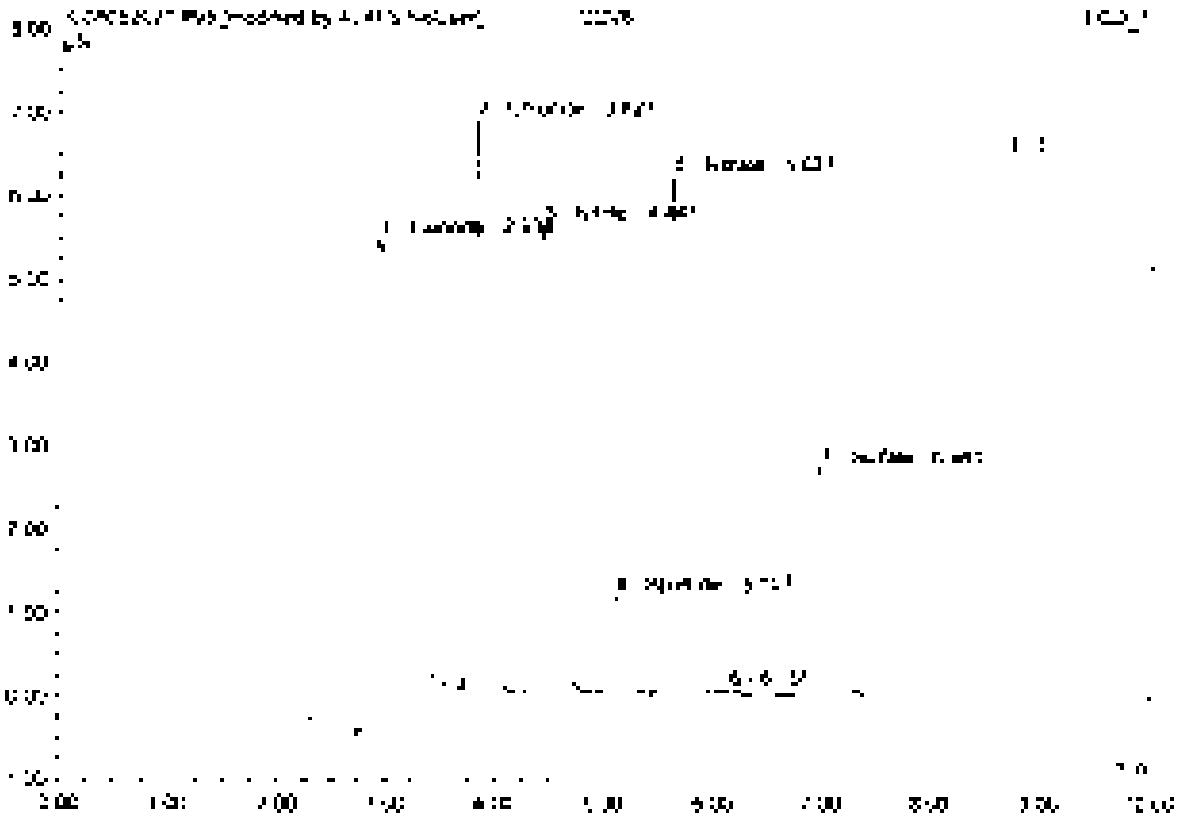
Sample Name	K2105246-002B	Injection Volume	25.0
Vial Number	24	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	4.0000
Recording Time	6/21/2021 1:26	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.90	Fluoride	2.578	0.600	8.32	10.075	BMB
2	3.51	Chloride	4.702	0.482	6.80	11.100	BMB
3	4.44	Nitrite	4.602	0.724	10.21	5.107	BMB
4	5.11	Bromide	0.591	0.147	2.07	5.283	BMB
5	5.60	Nitrate	7.595	1.294	18.25	12.302	BMB
6	6.74	n.a.	0.051	0.007	0.10	n.a.	BMB
7	7.62	Sulfate	19.092	3.803	53.64	121.494	BMB
Total			39.440	7.089	100.00	171.411	

93 CCV8

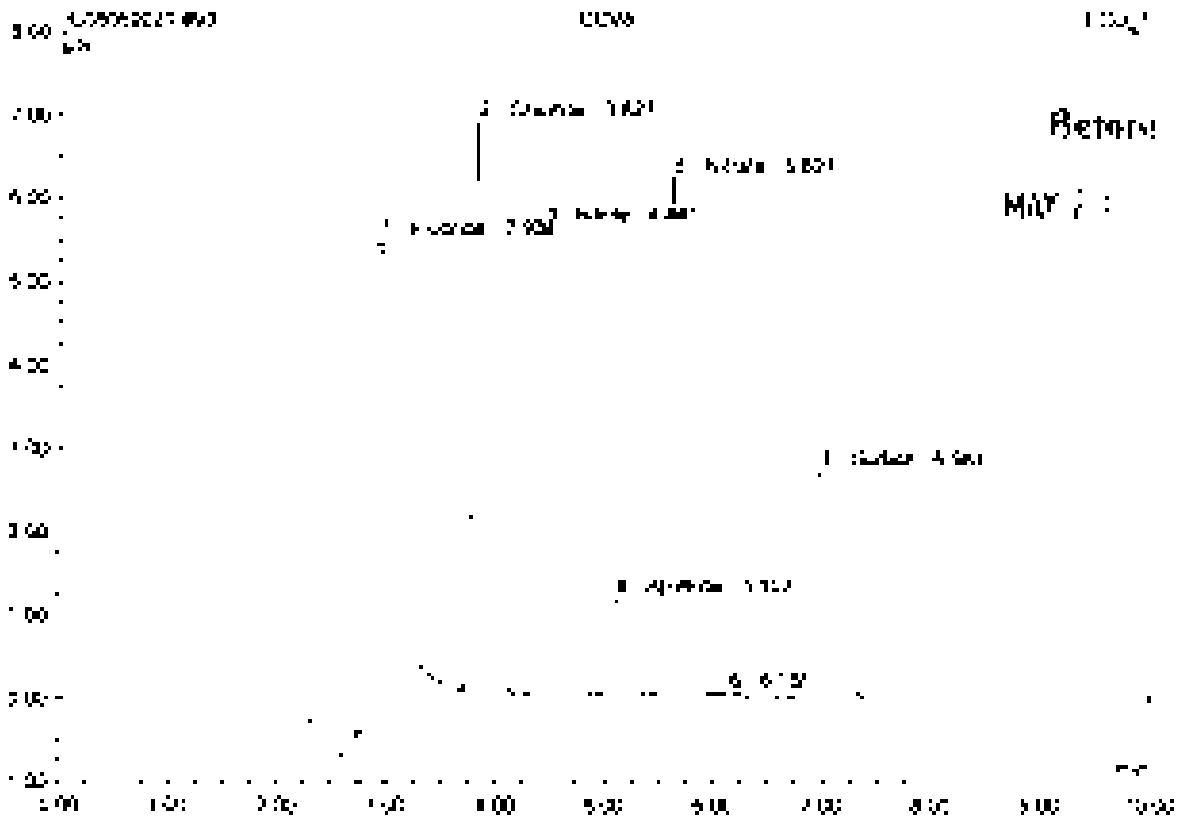
Sample Name	CCV8	Injection Volume	25.0
Vial Number	48	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	5/21/2021 3:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.93	Fluoride	5.512	1.204	25.98	4.794	BMB*
2	3.83	Chloride	6.825	0.808	17.37	4.666	BMB*
3	4.44	Nitrite	5.678	0.520	18.92	2.473	BMB
4	5.11	Bromide	1.165	0.171	3.67	2.407	BMB
5	5.60	Nitrate	6.207	0.996	21.40	2.366	BMB
6	6.18	n.a.	0.049	0.008	0.18	n.a.	BMB
7	6.68	Sulfate	2.712	0.585	12.58	4.751	BMB
Total:			28.166	4.642	100.00	21.457	

93 CCV8

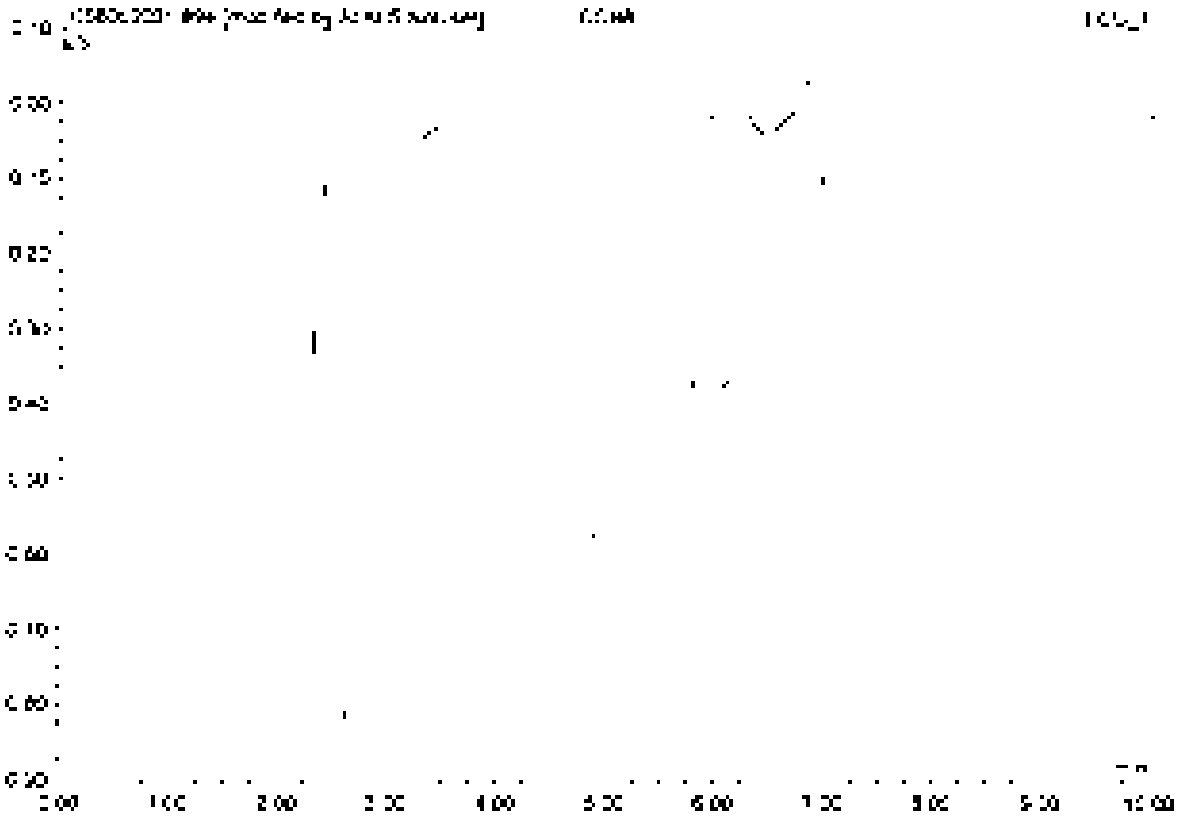
Sample Name	CCV8	Injection Volume	25.0
Vial Number	48	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Method Filename	epa300	Bandwidth	n.a.
Data File Name	epa300	Dilution Factor	1.0000
Acquisition Time	5/21/2021 3:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.83	Fluoride	5.844	1.202	26.80	5.325	BMB
2	3.83	Chloride	6.525	0.808	17.15	6.668	BMB
3	4.44	Nitrite	5.639	0.580	18.63	2.470	BMB
4	5.11	Bromide	1.165	0.171	3.63	2.407	BMB
5	5.61	Nitrate	6.207	0.996	21.14	2.366	BMB
6	6.16	n.a.	0.049	0.008	0.18	n.a.	BMB
7	6.68	Sulfate	2.712	0.585	12.41	4.751	BMB
Total:			22.425	4.710	100.00	21.988	

84 CCB8

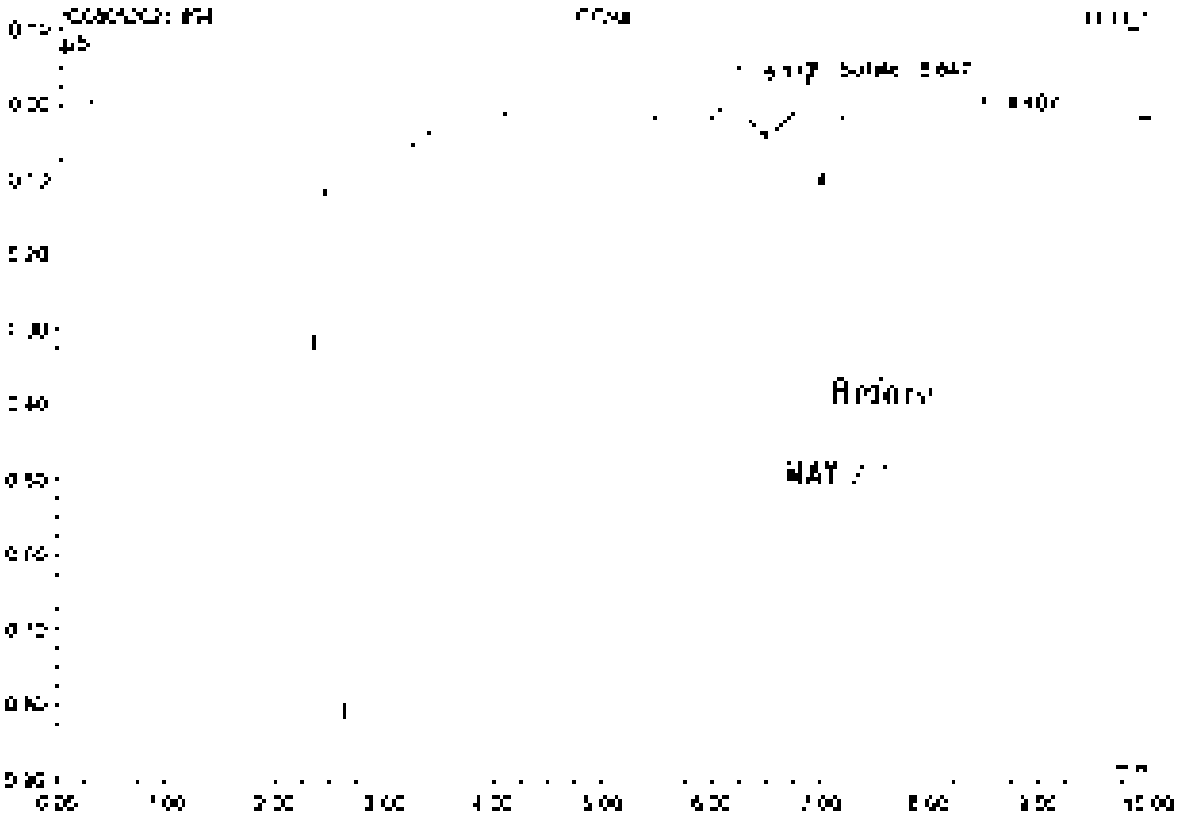
Sample Name	CCB8	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	5/7/2021 3:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

94 CCB8

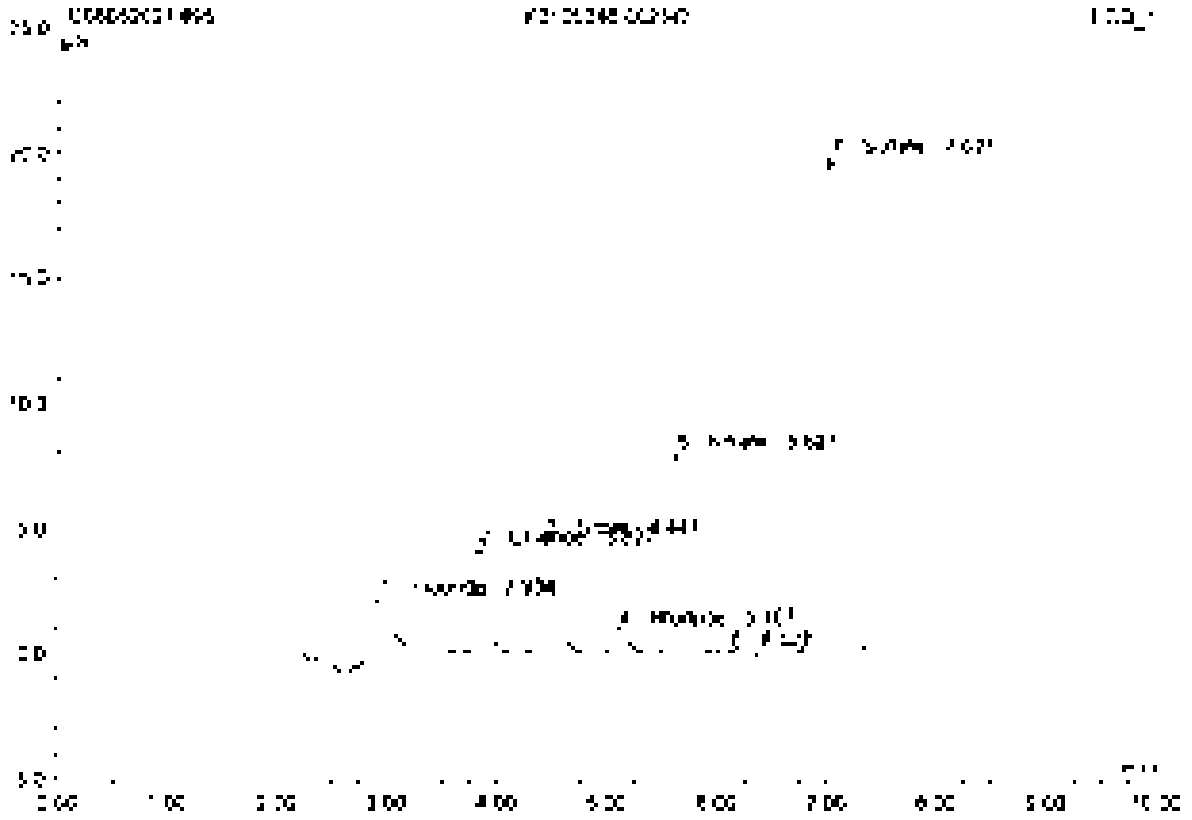
Sample Name	CCB8	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	5/21/2021 1:50	Sample Weight	1.0000
Run Time (min.)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.18	n.a.	0.126	1.427	90.06	n.a.	BMB
2	5.86	Sulfate	0.121	0.027	1.73	0.222	BMB
3	8.41	n.a.	0.051	0.130	8.21	n.a.	BMB
Total:			0.298	1.584	100.00	0.222	

95 K2105246-002SD

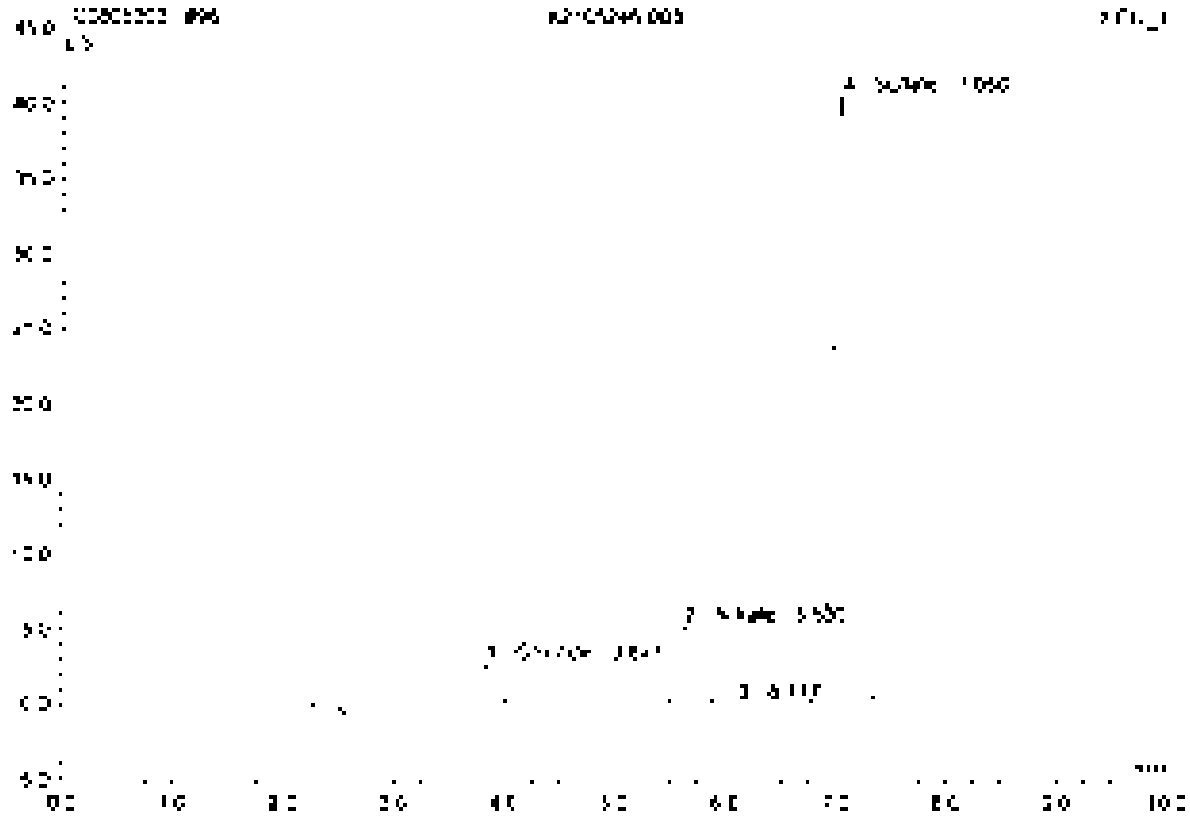
Sample Name	K2105246-002SD	Injection Volume	25.0
Vial Number	95	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Method Program	epa300	Bandwidth	n.a.
Method Named	epa300	Dilution Factor	4.0000
Recording Time	5/21/2021 4:02	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.93	Fluoride	2.538	0.542	2.88	10.231	BMB
2	3.83	Chloride	4.180	0.503	0.96	[illegible].530	BMB
3	4.44	Nitrite	4.585	0.724	10.01	8.139	BMB
4	5.11	Bromide	0.857	0.145	2.00	8.174	BMB
5	5.53	Nitrate	8.025	1.301	17.99	12.368	BMB
6	6.13	n.a.	0.044	0.006	0.08	n.a.	BMB
7	7.32	Sulfate	19.750	3.950	54.57	126.960	BMB
Total:			40.107	7.231	100.00	177.501	

96 K2105246-003

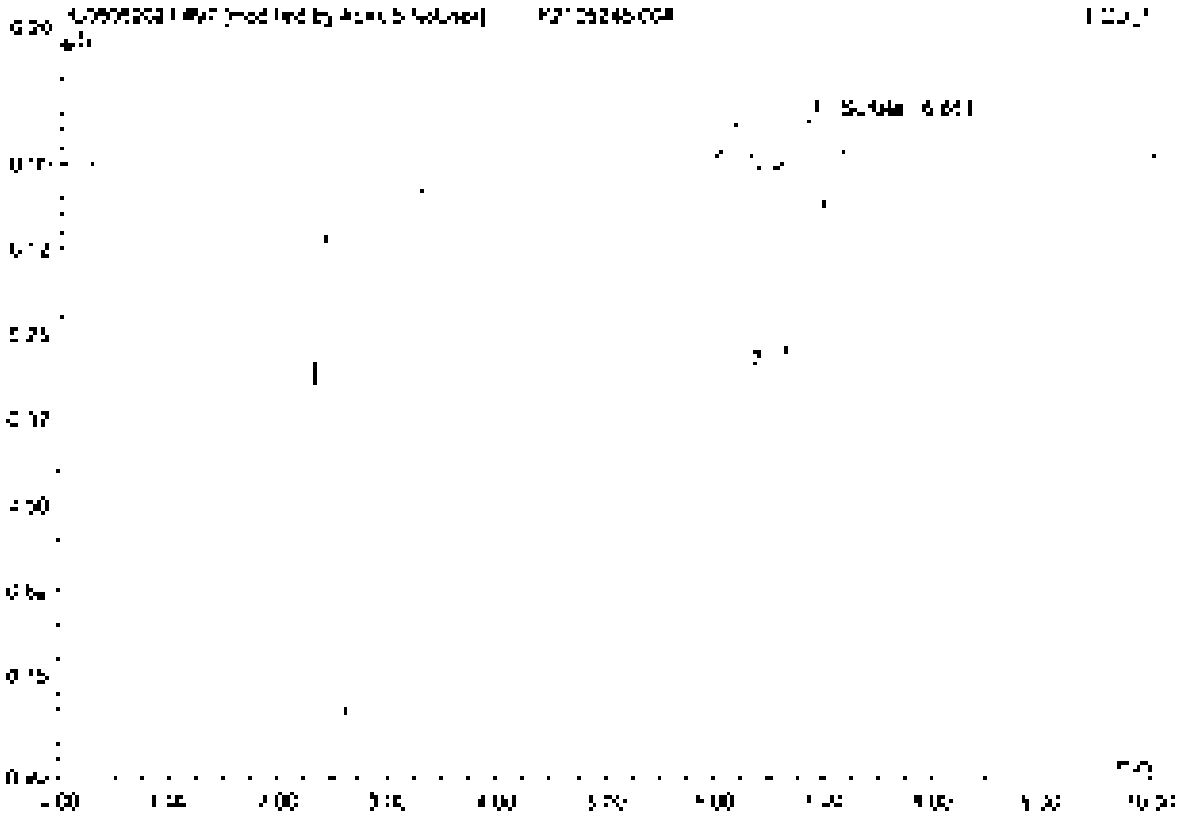
Sample Name	K2105246-003	Injection Volume	25.0
Vial Number	26	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	5/21/2021 4:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.93	Chloride	2.758	0.335	3.75	3.015	BMB
2	5.63	Nitrate	5.253	0.863	9.65	4.105	BMB
3	6.12	n.a.	0.356	0.007	0.08	n.a.	BMB
4	7.05	Sulfate	40.311	7.742	86.52	125.700	BMB
Total:			48.402	8.948	100.00	133.820	

97 K2105246-004

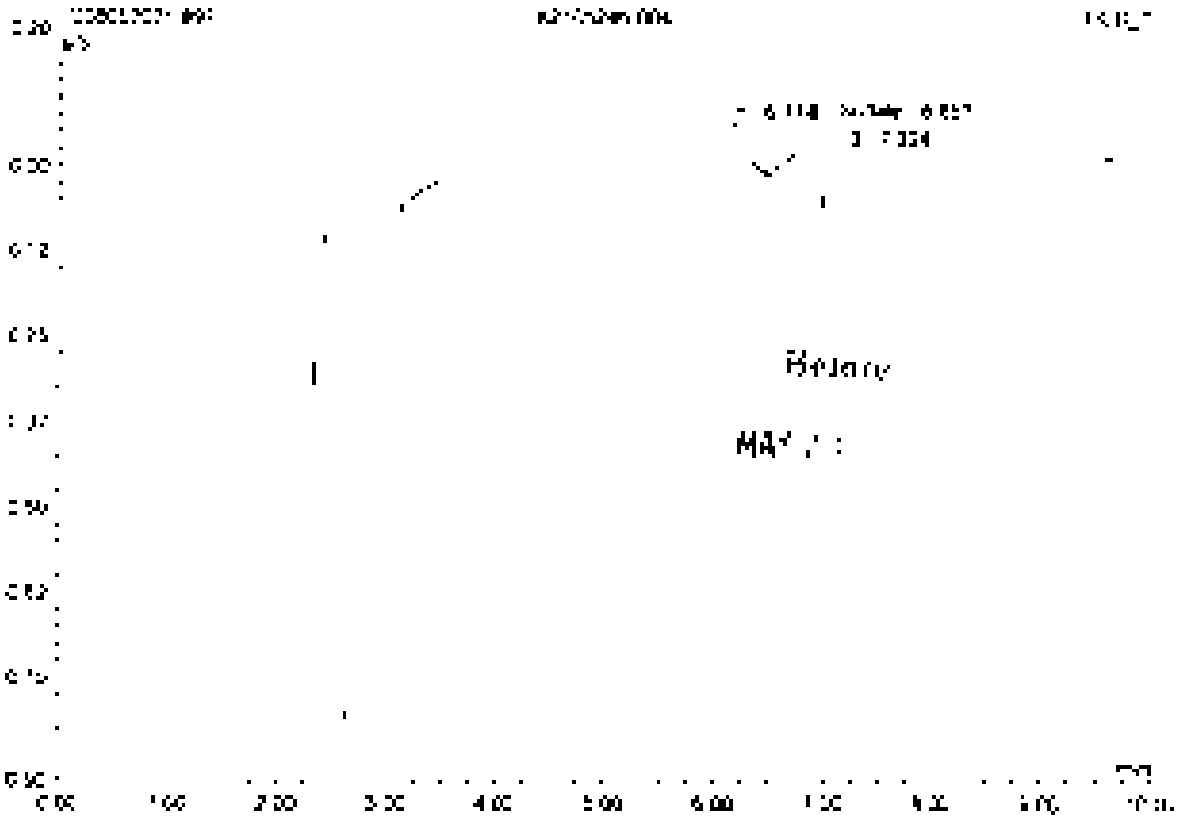
Sample Name	K2105246-004	Injection Volume	25.0
Vial Number	27	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	2.0000
Recording Time	5/21/2021 4:26	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.85	Surface	0.073	0.012	100.00	0.202	BVB*
Total:			0.073	0.012	100.00	0.202	

97 K2105246-004

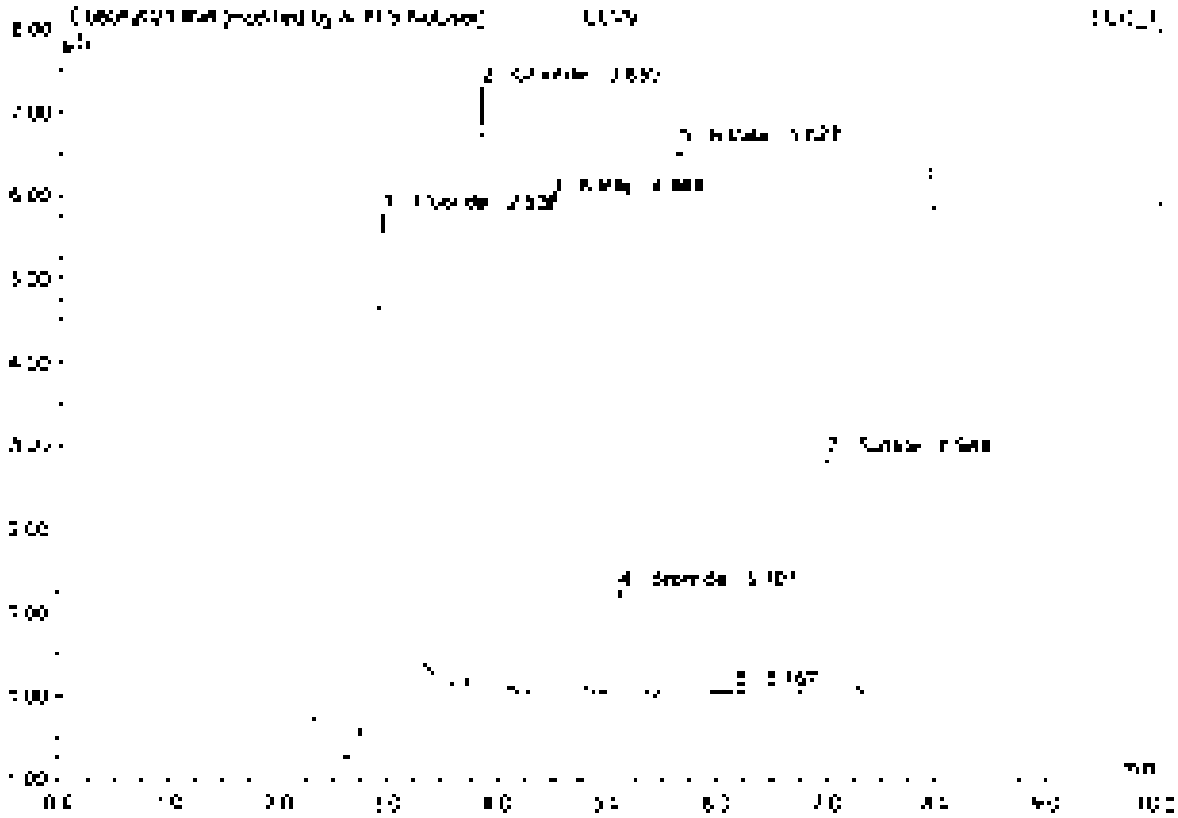
Sample Name	K2105246-004	Injection Volume	25.0
Vial Number	27	Channel	ECD: 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	5/21/2021 4:28	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.17	n.a.	0.078	0.125	50.68	n.a.	BMb
2	6.85	Surface	0.[illegible]3	0.025	9.75	0.400	bMb
3	7.22	n.a.	0.077	0.100	39.56	n.a.	BMb
Total:			0.266	0.251	100.00	0.400	

98 CCV9

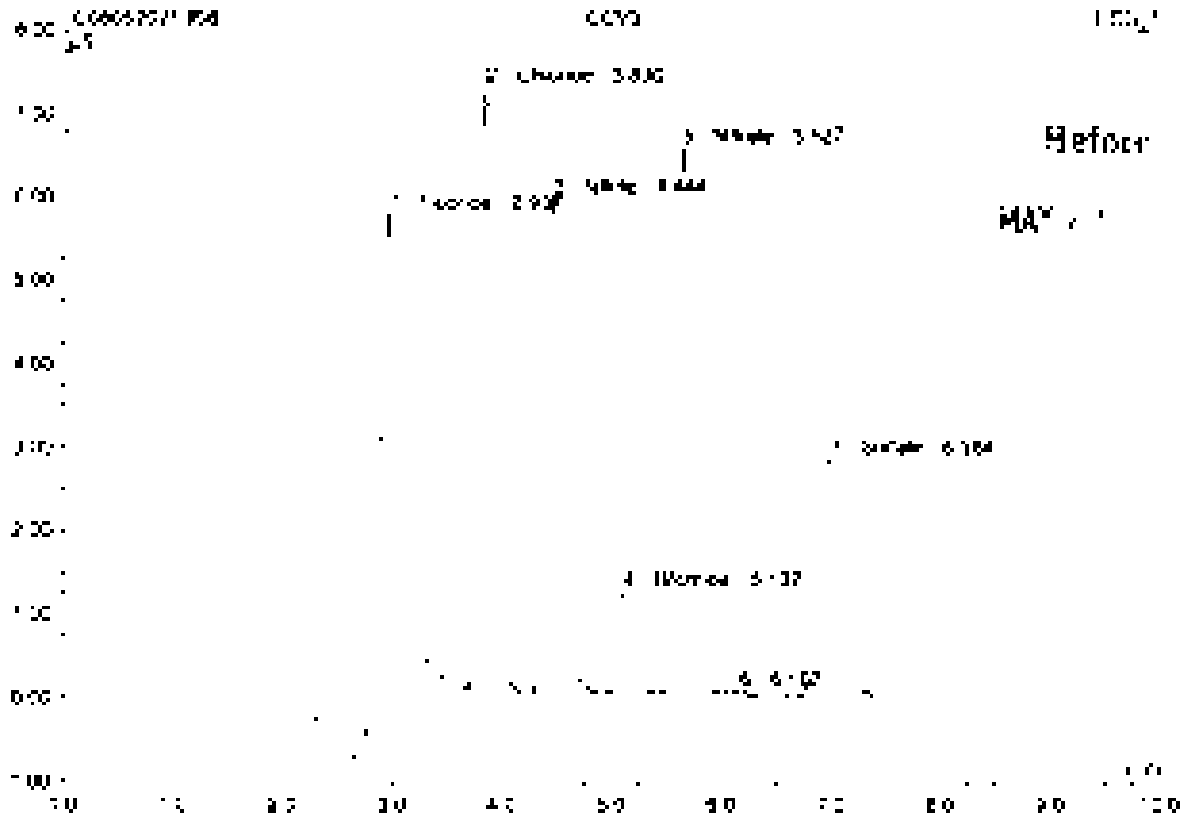
Sample Name	CCV9	Injection Volume	25.0
Vial Number	46	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	5/21/2021 4:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	6.126	1.281	26.04	5.132	BMB*
2	3.83	Chloride	7.724	0.856	17.39	4.942	BMB*
3	4.44	Nitrite	5.937	0.930	18.90	2.614	BMB
4	5.11	Bromide	1.228	0.180	3.55	2.532	BMB
5	5.63	Nitrate	5.555	1.051	21.41	2.504	BMB
6	6.17	n.a.	0.048	0.007	0.14	n.a.	BMB
7	6.38	Sulfate	2.841	0.618	12.57	4.982	BMB
Total:			29.957	4.921	100.00	22.708	

98 CCV9

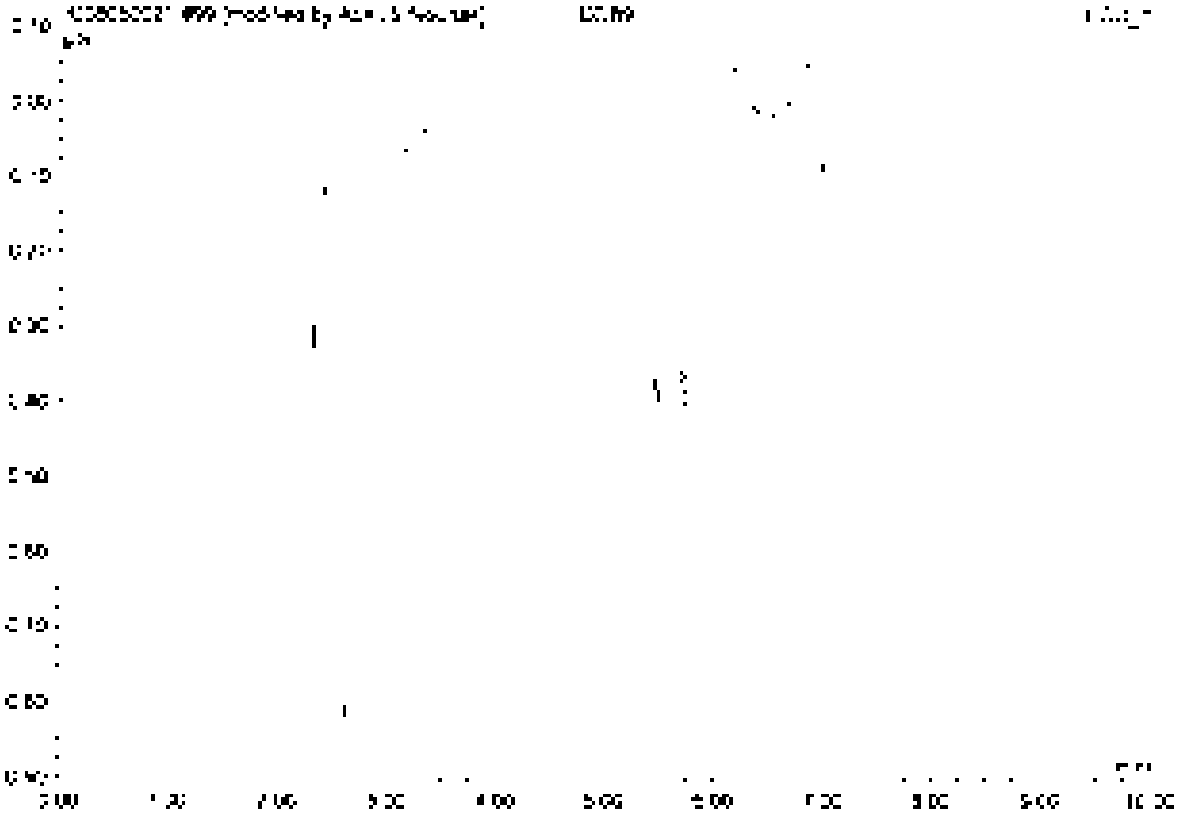
Sample Name	CCV9	Injected Volume	25.0
Vial Number	48	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	6/21/2021 4:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	6.149	1.325	25.74	5.291	BV6
2	3.80	Chloride	7.224	0.856	16.62	4.942	BV9
3	4.44	Nitrite	5.937	0.930	18.72	2.614	BMB
4	5.11	Bromide	1.275	0.180	3.62	2.503	BMB
5	5.63	Nitrate	6.559	1.053	21.20	2.504	BMB
6	6.11	n.a.	0.344	0.037	0.74	n.a.	BMB
7	6.98	Sulfate	2.841	0.614	12.35	4.982	BV3
Total:			29.669	4.968	100.00	22.865	

99 CCB9

Sample Name	CCB9	Injection Volume	26.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Original Program	epa300	Bandwidth	n.a.
Current Method	epa300	Dilution Factor	1.0000
Recording Time	5/21/2021 4:51	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

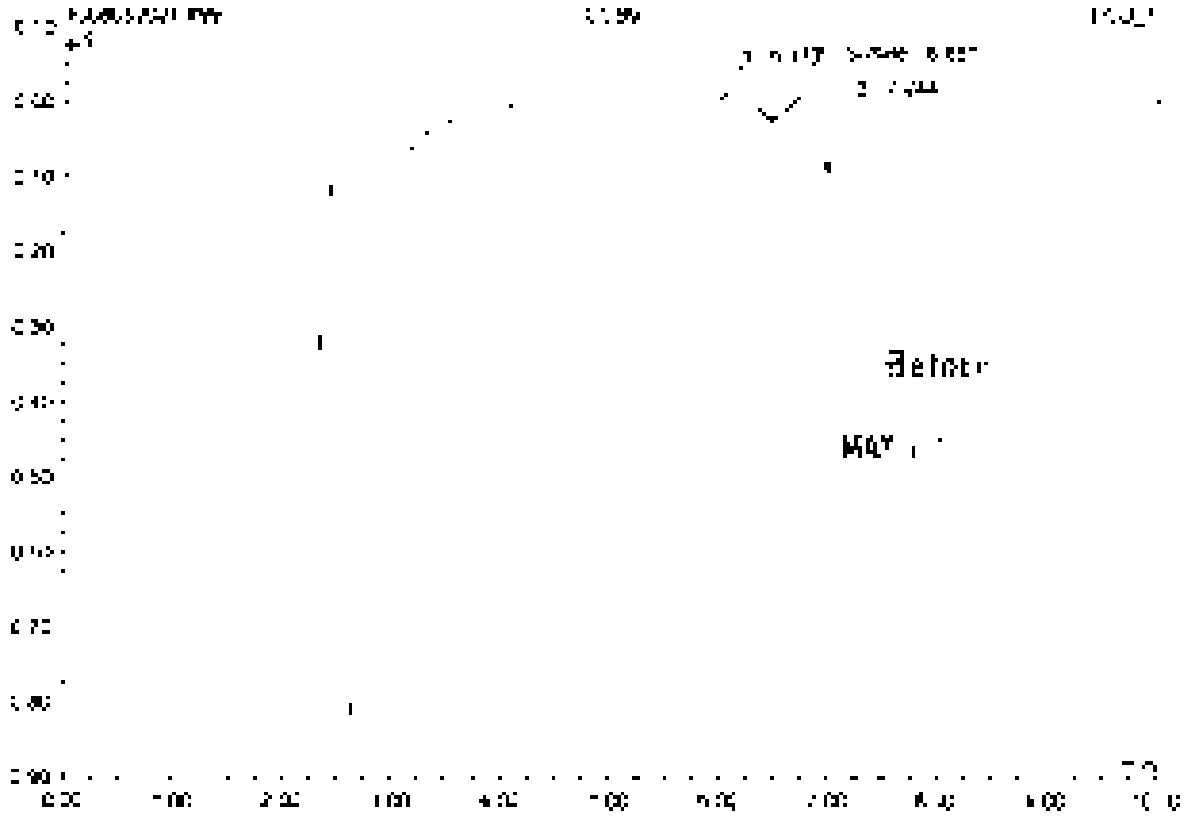


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

detailed Integration

99 CCB9

Sample Name	CCB9	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant Method	wpa300	Dilution Factor	1.0000
Recording Time	5/21/2021 4:51	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.18	n.a.	0.127	1.438	90.13	n.a.	BMB
2	6.85	Sulfate	0.124	0.098	1.16	0.228	bMB
3	7.24	n.a.	0.087	0.129	8.11	n.a.	BMB
Total			0.338	1.565	100.00	0.228	

Sequence [illegible] Ion Chromatography Data Quality Review

	Yes	No	N/A
1. Holding times met for all samples analyzed?			
2. Are all ions within upper and lower limits of the curve?			
3. Were Dual Column analyses performed?			
a. Does CCV and CCB/IV apply?			
4. Are Retention Times within acceptable range?			
5. Are all quality control criteria met?			
a. Method Blanks, CCVs, CCBs, LCSs, Duplicates and Spikes analyzed at the proper frequency?			
b. Are CCVs and CCBs within acceptable range?			
c. Are results for Method Blanks acceptable?			
d. Are all QC parameters met (acceptable recovery, RSDs, RPDs, etc.)?			
e. Are all expected QC results present?			
6. Are all samples able to be accurately quantified?			

DAS Standards and Criteria Codes and Abbreviated Instructions for Chromatograms

D1: Sample was analyzed past the end of recommended holding time. See Sample Summary Form.
D2: Sample was reanalyzed past holding time. Initial analysis was performed within recommended holding time.
D3: Sample was reanalyzed past the end of recommended holding time.
H1: High RPD. Because the sample and duplicate results are multiple times the reporting limit, the RPD is not reported.
I: Which is elevated because of the sample matrix. Confirm with the sample results.
P: Sample results primary to analysis.

LCS	ALS Standard Check 2	26	Expires 5/21/2021
Fluoride	True Value=1.0ppm		100 ALS-DW2-GEN-02-166
Chloride	True Value=5.0ppm		100 ALS-DW2-GEN-02-170
Nitrite	True Value=2.0ppm		100 ALS-DW2-GEN-02-165
Bromide	True Value=2.0ppm		100 ALS-DW2-GEN-02-164
Nitrate	True Value=2.0ppm		100 ALS-DW2-GEN-02-162
Sulfate	True Value=5.0ppm		100 ALS-DW2-GEN-02-171

LCSV	ALS Standard Check 2	26.	Expires 5/21/2021
Fluoride	True Value=1.0ppm		100 ALS-DW2-GEN-02-163
Chloride	True Value=5.0ppm		100 ALS-DW2-GEN-02-169
Nitrite	True Value=2.0ppm		100 ALS-DW2-GEN-02-167
Bromide	True Value=2.0ppm		100 ALS-DW2-GEN-02-160
Nitrate	True Value=2.0ppm		100 ALS-DW2-GEN-02-[illegible]
Sulfate	True Value=5.0ppm		100 ALS-DW2-GEN-02-168

Spike

200 ppm	ALS Standard Check 2	28A	Expires 5/21/2021
Fluoride	100 ALS-DW2-GEN-02-166		
Chloride	100 ALS-DW2-GEN-02-169		
Nitrite	100 ALS-DW2-GEN-02-164		
Bromide	100 ALS-DW2-GEN-02-160		
Nitrate	100 ALS-DW2-GEN-02-162		
Sulfate	100 ALS-DW2-GEN-02-168		

Reagent	Lot Used	Manufacturer Expiration Date	Lot Used	Manufacturer Expiration Date	Lot Used	Manufacturer Expiration Date

Analyst: [illegible] Date: 5/21/2021

Final Review: [illegible] Date: 4/24/2021

Final Review: [signature] Date: 5/21/21

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Reference: [illegible]

Lab Code	Target Analyte	SR	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DF	MDL	PQL	Solids	[illegible]	Date Analyzed	UCF	Tier
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Reference: [illegible]

Lab Sample	Target Analytes	QC	Parent Samples	Matrix	Raw Result	Sample Vol.	Final Result	DF	MDL	RDL	% Rec	% RSD	Date Analyzed	QC?	Tier
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Testcode: [illegible]

Lab Code	Target Analyte	Sel.	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	PQL	Qualifier	% RSD	Date Analyzed	Sel.	Seq
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Testcode: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Subsample Amt	Final Result	DF	MDL	PQL	Surrogate	% RSD	Date Analyzed	QC?	Flag
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Extract: [illegible]

Lab Lot#	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DF	MDL	PQL	% Rec	% Hold	Date Analyzed	QC?	Use
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	II
[illegible]	[illegible]	SIB		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	SIB		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	SIB		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	SIB		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	SIB		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	SIB		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	[illegible]	[illegible]	[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	I
[illegible]	[illegible]	[illegible]	[illegible]	[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	I
[illegible]	[illegible]	SIB	[illegible]	[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	I
[illegible]	[illegible]	SIB	[illegible]	[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	I
[illegible]	[illegible]	[illegible]	[illegible]	[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	II
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	II
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	II
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	II
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	II
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	II
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	III

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Procedure: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	RV	MDL	RDL	% Rec	Lab Qual	Date Analyzed	QC?	Dil
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]

[illegible]

[illegible]

Tray
Calibration [illegible]
Injector [illegible]
Tray Name [illegible]
Samples [illegible]

Creator [illegible]
Last Update [illegible]

No.	Name	Type	Pos.	Volume	Program	Weight
1	[illegible]	Standard	1	[illegible]	[illegible]	[illegible]
2	[illegible]	Standard	2	[illegible]	[illegible]	[illegible]
3	[illegible]	Standard	3	[illegible]	[illegible]	[illegible]
4	[illegible]	Standard	4	[illegible]	[illegible]	[illegible]
5	[illegible]	Standard	5	[illegible]	[illegible]	[illegible]
6	[illegible]	Standard	6	[illegible]	[illegible]	[illegible]
7	[illegible]	Standard	7	[illegible]	[illegible]	[illegible]
8	[illegible]	Standard	8	[illegible]	[illegible]	[illegible]
9	[illegible]	Unknown	49	[illegible]	[illegible]	[illegible]
10	[illegible]	Unknown	41	[illegible]	[illegible]	[illegible]
11	[illegible]	Unknown	2	[illegible]	[illegible]	[illegible]
12	[illegible]	Unknown	7	[illegible]	[illegible]	[illegible]
13	[illegible]	Unknown	3	[illegible]	[illegible]	[illegible]
14	[illegible]	Unknown	4	[illegible]	[illegible]	[illegible]
15	[illegible]	Unknown	5	[illegible]	[illegible]	[illegible]
16	[illegible]	Unknown	6	[illegible]	[illegible]	[illegible]
17	[illegible]	Unknown	7	[illegible]	[illegible]	[illegible]
18	[illegible]	Unknown	8	[illegible]	[illegible]	[illegible]
19	[illegible]	Unknown	9	[illegible]	[illegible]	[illegible]
20	[illegible]	Unknown	10	[illegible]	[illegible]	[illegible]
21	[illegible]	Unknown	11	[illegible]	[illegible]	[illegible]
22	[illegible]	Unknown	48	[illegible]	[illegible]	[illegible]
23	[illegible]	Unknown	49	[illegible]	[illegible]	[illegible]
24	[illegible]	Unknown	50	[illegible]	[illegible]	[illegible]
25	[illegible]	Unknown	51	[illegible]	[illegible]	[illegible]
26	[illegible]	Unknown	52	[illegible]	[illegible]	[illegible]
27	[illegible]	Unknown	53	[illegible]	[illegible]	[illegible]
28	[illegible]	Unknown	54	[illegible]	[illegible]	[illegible]
29	[illegible]	Unknown	55	[illegible]	[illegible]	[illegible]
30	[illegible]	Unknown	56	[illegible]	[illegible]	[illegible]
31	[illegible]	Unknown	57	[illegible]	[illegible]	[illegible]
32	[illegible]	Unknown	58	[illegible]	[illegible]	[illegible]
33	[illegible]	Unknown	46	[illegible]	[illegible]	[illegible]
34	[illegible]	Unknown	47	[illegible]	[illegible]	[illegible]
35	[illegible]	Unknown	21	[illegible]	[illegible]	[illegible]
36	[illegible]	Unknown	22	[illegible]	[illegible]	[illegible]
37	[illegible]	Unknown	23	[illegible]	[illegible]	[illegible]
38	[illegible]	Unknown	24	[illegible]	[illegible]	[illegible]
39	[illegible]	Unknown	25	[illegible]	[illegible]	[illegible]
40	[illegible]	Unknown	26	[illegible]	[illegible]	[illegible]
41	[illegible]	Unknown	27	[illegible]	[illegible]	[illegible]
42	[illegible]	Unknown	28	[illegible]	[illegible]	[illegible]

File
Description [illegible]
Location [illegible]
Timestamp [illegible]
Version [illegible]
Created [illegible]
Last Updated [illegible]

No	Name	Status	Date/Time	Count	Comment
1	[illegible]	Finished	[illegible]	[illegible]	
2	[illegible]	Finished	[illegible]	[illegible]	[illegible]
3	[illegible]	Finished	[illegible]	[illegible]	[illegible]
4	[illegible]	Finished	[illegible]	[illegible]	[illegible]
5	[illegible]	Finished	[illegible]	[illegible]	[illegible]
6	[illegible]	Finished	[illegible]	[illegible]	[illegible]
7	[illegible]	Finished	[illegible]	[illegible]	[illegible]
8	[illegible]	Finished	[illegible]	[illegible]	[illegible]
9	[illegible]	Finished	[illegible]	[illegible]	
10	[illegible]	Finished	[illegible]	[illegible]	
11	[illegible]	Finished	[illegible]	[illegible]	
12	[illegible]	Finished	[illegible]	[illegible]	
13	[illegible]	Finished	[illegible]	[illegible]	
14	[illegible]	Finished	[illegible]	[illegible]	
15	[illegible]	Finished	[illegible]	[illegible]	
16	[illegible]	Finished	[illegible]	[illegible]	
17	[illegible]	Finished	[illegible]	[illegible]	
18	[illegible]	Finished	[illegible]	[illegible]	
19	[illegible]	Finished	[illegible]	[illegible]	
20	[illegible]	Finished	[illegible]	[illegible]	
21	[illegible]	Finished	[illegible]	[illegible]	
22	[illegible]	Finished	[illegible]	[illegible]	
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25	[illegible]	Finished	[illegible]	[illegible]	
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28	[illegible]	Finished	[illegible]	[illegible]	
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31	[illegible]	Finished	[illegible]	[illegible]	
32	[illegible]	Finished	[illegible]	[illegible]	
33	[illegible]	Finished	[illegible]	[illegible]	
34	[illegible]	Finished	[illegible]	[illegible]	
35	[illegible]	Finished	[illegible]	[illegible]	
36	[illegible]	Finished	[illegible]	[illegible]	
37	[illegible]	Finished	[illegible]	[illegible]	
38	[illegible]	Finished	[illegible]	[illegible]	
39	[illegible]	Finished	[illegible]	[illegible]	
40	[illegible]	Finished	[illegible]	[illegible]	
41	[illegible]	Finished	[illegible]	[illegible]	
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Chromatic Data Corporation [illegible]

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Last Update: [illegible]

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45	[illegible]	Unknown	41	[illegible]	[illegible]	[illegible]
46	[illegible]	Unknown	42	[illegible]	[illegible]	[illegible]
47	[illegible]	Unknown	43	[illegible]	[illegible]	[illegible]
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50	[illegible]	Unknown	2	[illegible]	[illegible]	[illegible]
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53	[illegible]	Unknown	25	[illegible]	[illegible]	[illegible]
54	[illegible]	Unknown	26	[illegible]	[illegible]	[illegible]
55	[illegible]	Unknown	27	[illegible]	[illegible]	[illegible]
56	[illegible]	Unknown	28	[illegible]	[illegible]	[illegible]
57	[illegible]	Unknown	45	[illegible]	[illegible]	[illegible]
58	[illegible]	Unknown	47	[illegible]	[illegible]	[illegible]
59	[illegible]	Unknown	29	[illegible]	[illegible]	[illegible]
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61	[illegible]	Unknown	41	[illegible]	[illegible]	[illegible]
62	[illegible]	Unknown	42	[illegible]	[illegible]	[illegible]
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65	[illegible]	Unknown	45	[illegible]	[illegible]	[illegible]
66	[illegible]	Unknown	30	[illegible]	[illegible]	[illegible]
67	[illegible]	Unknown	3	[illegible]	[illegible]	[illegible]
68	[illegible]	Unknown	4	[illegible]	[illegible]	[illegible]
69	[illegible]	Unknown	46	[illegible]	[illegible]	[illegible]
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71	[illegible]	Unknown	5	[illegible]	[illegible]	[illegible]
72	[illegible]	Unknown	6	[illegible]	[illegible]	[illegible]
73	[illegible]	Unknown	7	[illegible]	[illegible]	[illegible]
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76	[illegible]	Unknown	10	[illegible]	[illegible]	[illegible]
77	[illegible]	Unknown	11	[illegible]	[illegible]	[illegible]
78	[illegible]	Unknown	12	[illegible]	[illegible]	[illegible]
79	[illegible]	Unknown	13	[illegible]	[illegible]	[illegible]
80	[illegible]	Unknown	14	[illegible]	[illegible]	[illegible]
81	[illegible]	Unknown	46	[illegible]	[illegible]	[illegible]
82	[illegible]	Unknown	47	[illegible]	[illegible]	[illegible]
83	[illegible]	Unknown	15	[illegible]	[illegible]	[illegible]
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Operator: [illegible]

Operation: [illegible]
Location: [illegible]
Timebase: [illegible]
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46	CC[illegible]	Finished	[illegible]	[illegible]		
47	[illegible]	Finished	[illegible]	40.0000		
48	[illegible]	Finished	[illegible]	50.0000		
49	[illegible]	Finished	[illegible]	100.0000		
50	CC52	Finished	[illegible]	[illegible]		
51	[illegible]	Finished	[illegible]	[illegible]		
52	[illegible]	Finished	[illegible]	10.0000		
53	[illegible]	Finished	[illegible]	30.0000		
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55	[illegible]	Finished	[illegible]	7200.0000		
56	[illegible]	Finished	[illegible]	200.0000		
57	CCW6	Finished	[illegible]	[illegible]		
58	CC55	Finished	[illegible]	[illegible]		
59	[illegible]	Finished	[illegible]	5.0000		
60	[illegible]	Finished	[illegible]	100.0000		
61	[illegible]	Finished	[illegible]	20.0000		
62	[illegible]	Finished	[illegible]	30.0000		
63	[illegible]	Finished	[illegible]	40.0000		
64	[illegible]	Finished	[illegible]	40.0000		
65	[illegible]	Finished	[illegible]	40.0000		
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68	[illegible]	Finished	[illegible]	30.0000		
69	CCW7	Finished	[illegible]	[illegible]		
70	CC56	Finished	[illegible]	[illegible]		
71	[illegible]	Finished	[illegible]	10.0000		
72	[illegible]	Finished	[illegible]	40.0000		
73	[illegible]	Finished	[illegible]	10.0000		
74	[illegible]	Finished	[illegible]	10.0000		
75	[illegible]	Finished	[illegible]	30.0000		
76	[illegible]	Finished	[illegible]	20.0000		
77	[illegible]	Finished	[illegible]	50.0000		
78	[illegible]	Finished	[illegible]	50.0000		
79	[illegible]	Finished	[illegible]	100.0000		
80	[illegible]	Finished	[illegible]	100.0000		
81	CCW8	Finished	[illegible]	[illegible]		
82	CC57	Finished	[illegible]	[illegible]		
83	[illegible]	Finished	[illegible]	20.0000		
84	[illegible]	Finished	[illegible]	40.0000		

Title
Sample Code [illegible]
Location [illegible]
Timestamp [illegible] Created [illegible]
Samples [illegible] Last Updated [illegible]

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Chromatography Data System Corporation Version [illegible] All Rights Reserved

Sequence [illegible]
Operator [illegible]
Site
Datasource [illegible]
Location [illegible]
Interface [illegible]
Start part [illegible]

Created [illegible]
Last Update [illegible]

Nr	Name	Status	Date/Time	Target Contrast
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] Siemens Corporation. Version [illegible] Build [illegible]

Service Required	Description	Code	Full Off	Half Off	Remarks	Check
		Cl NO2 Br NO3 SO4				
		Cl NO2 Br NO3 SO4				
		Cl NO2 Br NO3 SO4				
		Cl NO2 Br NO3 SO4				
		Cl NO2 Br NO3 SO4				
		Cl NO2 Br NO3 SO4				
		Cl NO2 Br NO3 SO4				
		Cl NO2 Br NO3 SO4				
		Cl NO2 Br NO3 SO4				
		Cl NO2 Br NO3 SO4				

Service Required	Fill and Return Flow	Oil Qty	Lot Qty	Seal Qty	Remarks	Date

Sequence:

Date

Service Request	Description/Rev	Action	1st OK	Sign Off	Delivery	Com

[illegible]

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]	[illegible]	[illegible]	[illegible]
	50PPM	[illegible]	[illegible]
	100PPM	[illegible]	[illegible]

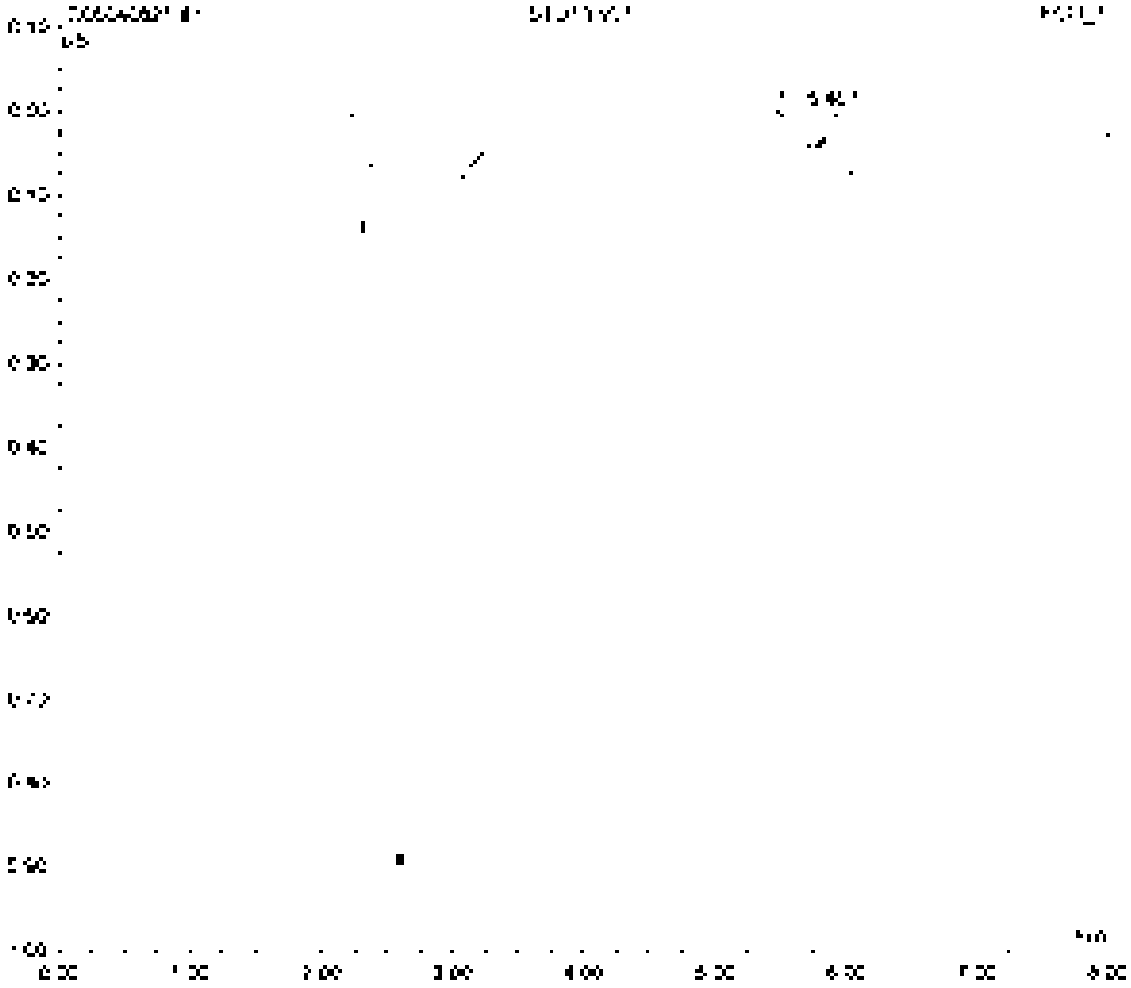
[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	5100	[illegible]	5104	5105	5106	[illegible]	5108	5109
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Calibration Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
		TOTAL		[illegible]	[illegible]	[illegible]



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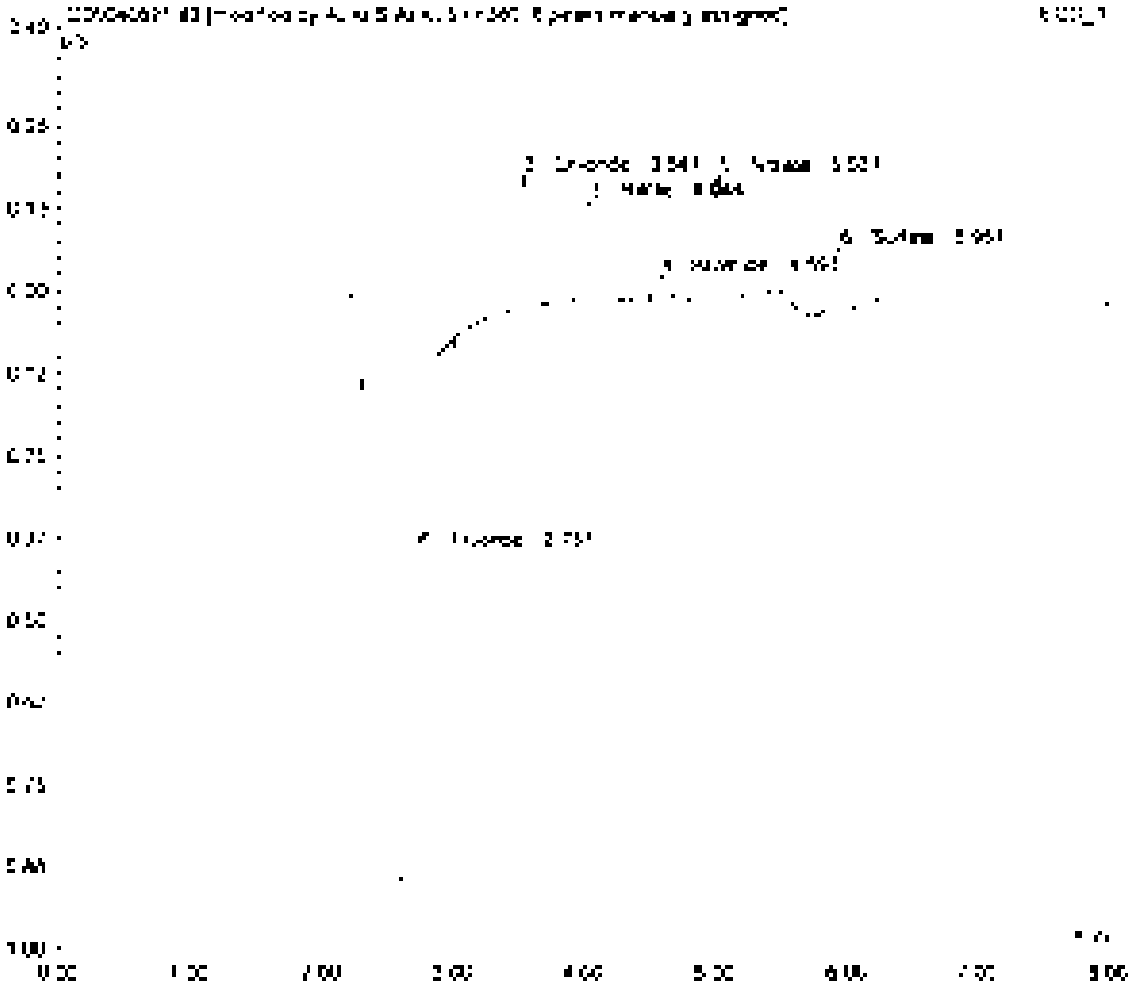
Sample Type	[illegible]	Dilution Factor	1.0000
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]


[illegible]
µS
0.25
0.15
0.00
0.50
0.00
0.00
0.00

Sample Name	STD3LVL3	Inj. Vol	[illegible]
Sample Type	standard	Dilution Factor	1.0000
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Rec. Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
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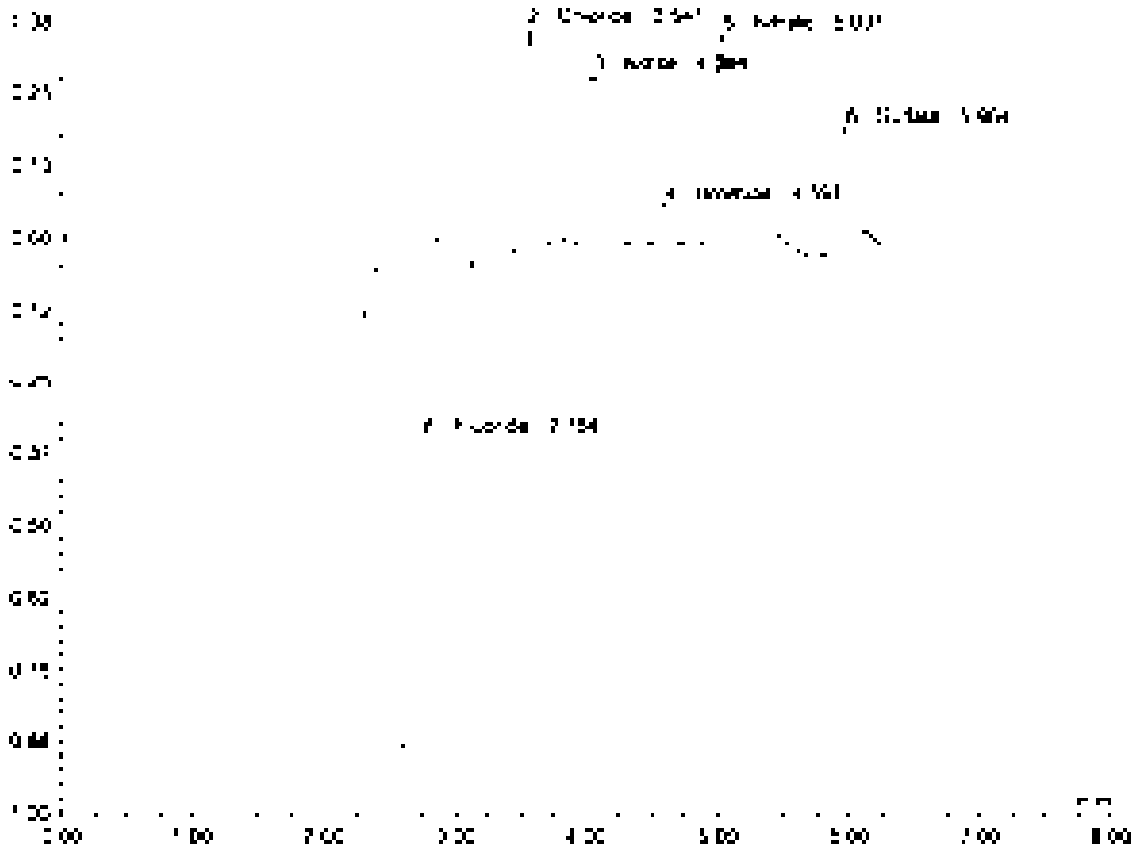
2	[illegible]	[illegible]	BV	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	BV	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	BV	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	BV	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	BV	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]

[illegible]



Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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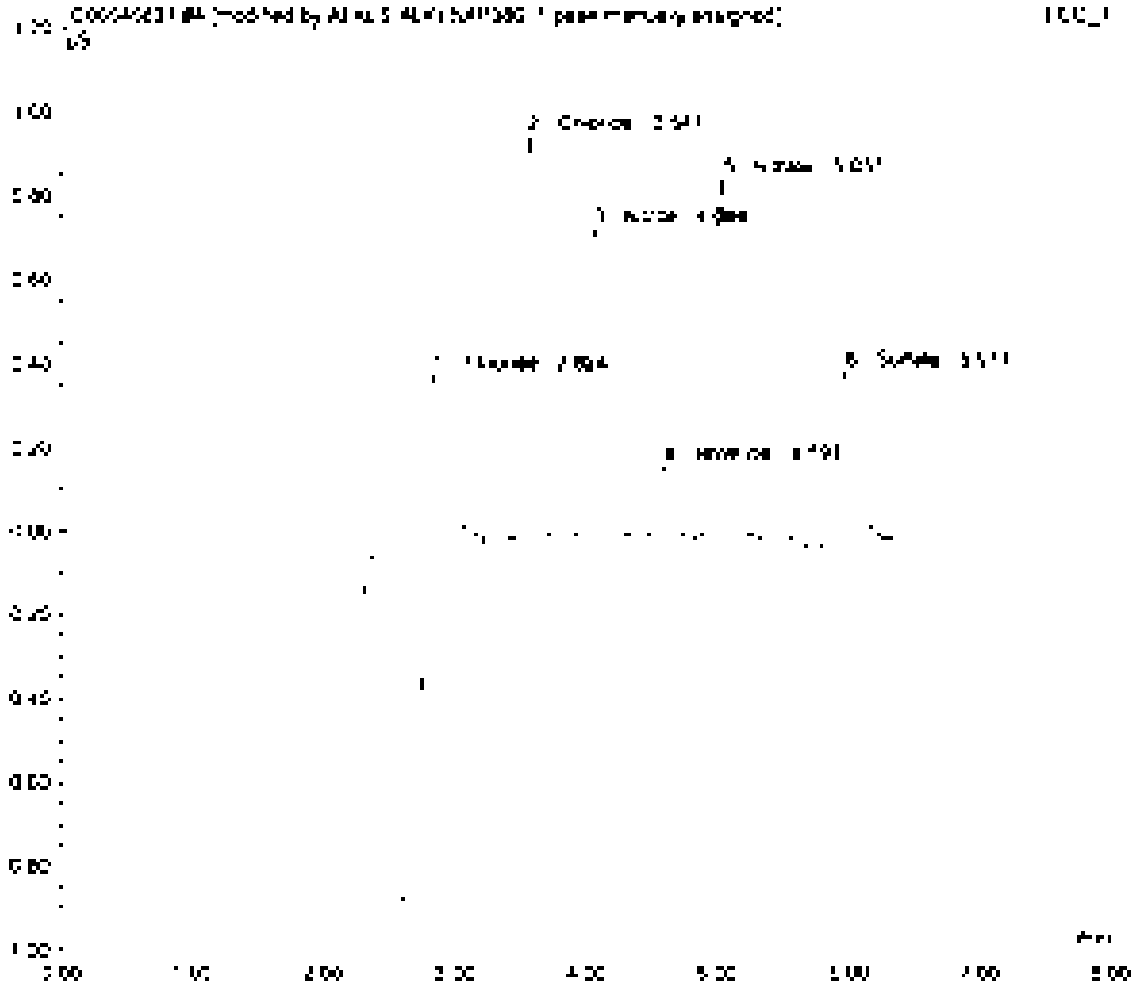

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Sample Type:	standard	Dilution Factor:	1.0000
Program:	300_ic	Operator:	[illegible]
Inj. Date/Time:	[illegible] 16:22	Run Time:	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
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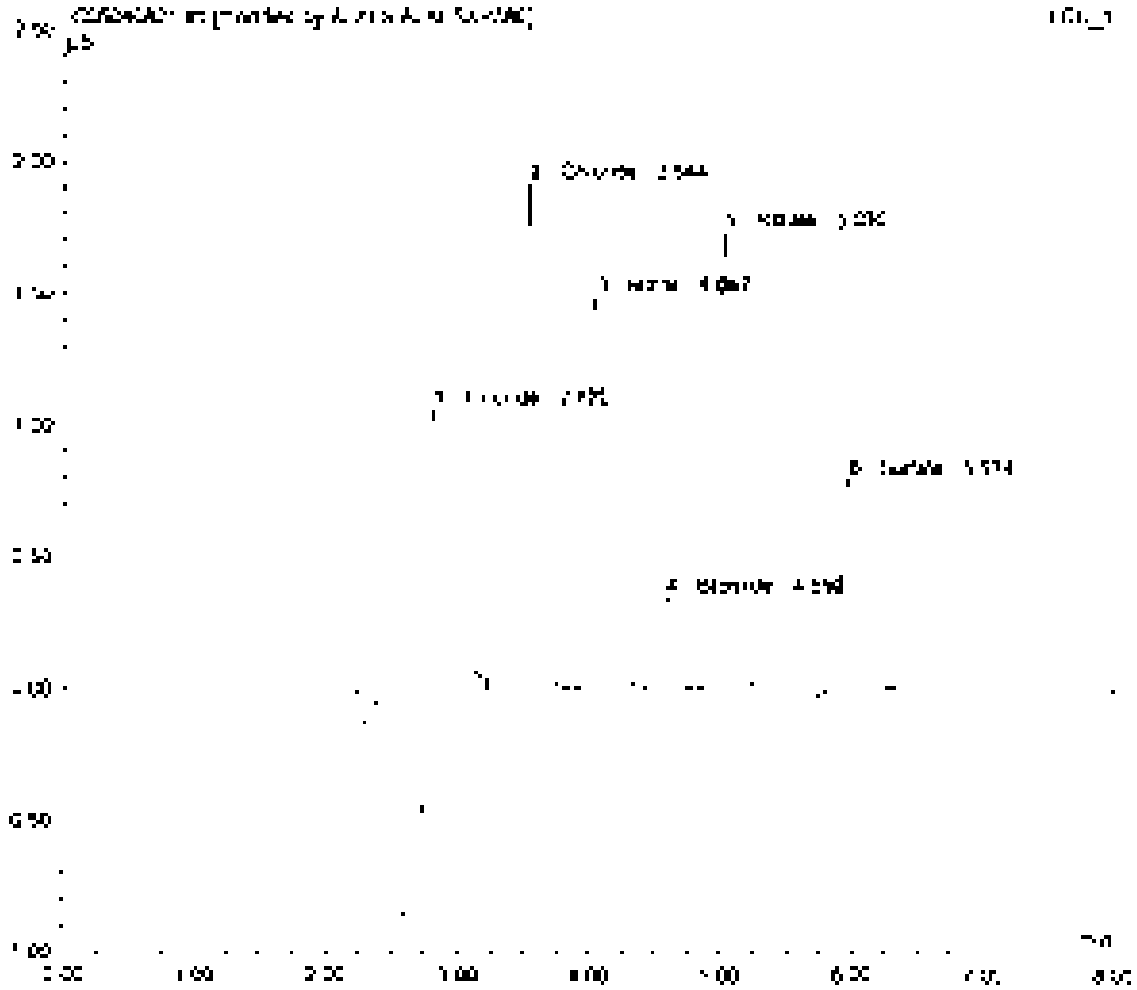
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Proc. Date	[illegible]

No	Time (min)	Peak Name	Type	Area (µS*min)	Height (µS)	Amount
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2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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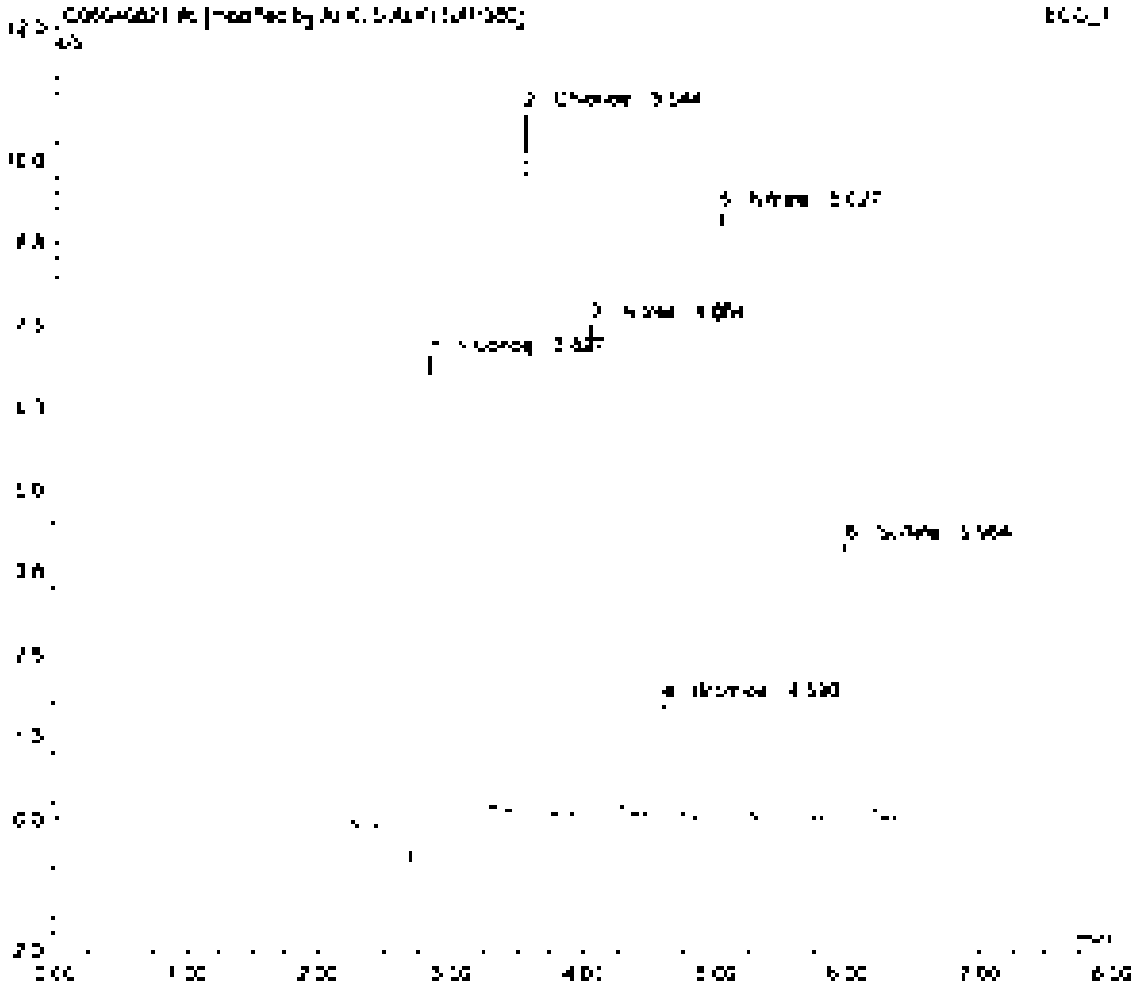
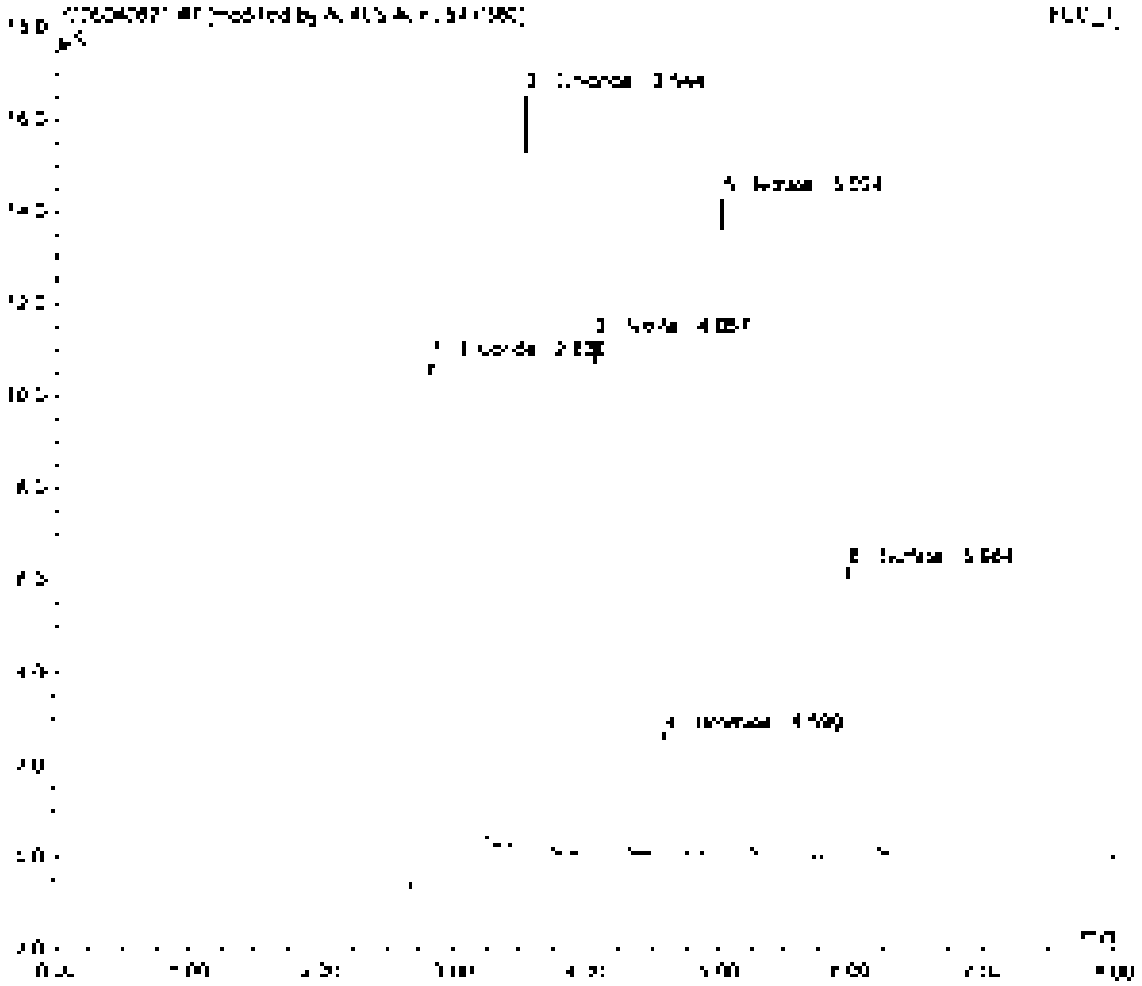
TOTAL				[illegible]	[illegible]	[illegible]



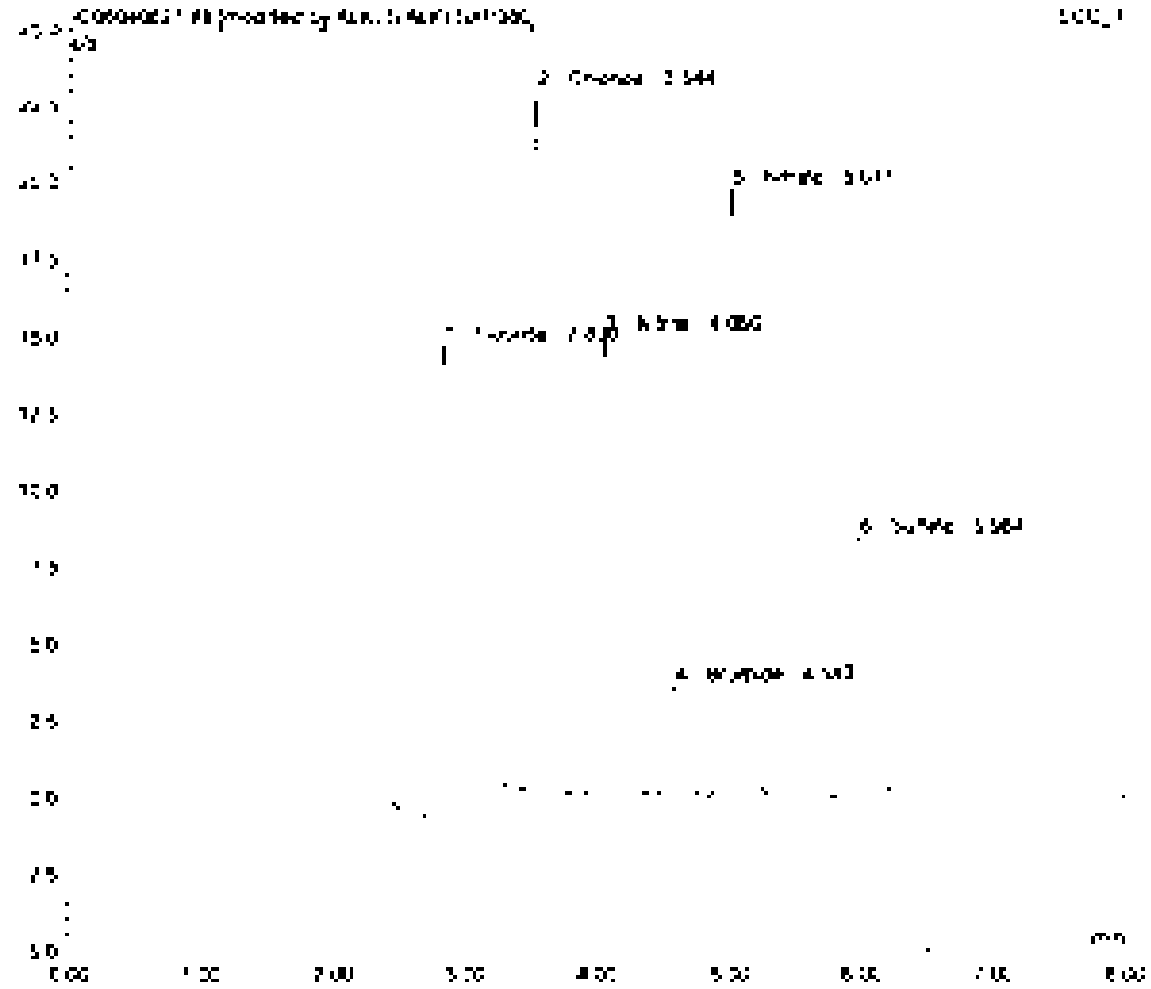
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	standard	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			TOTAL	[illegible]	[illegible]	[illegible]



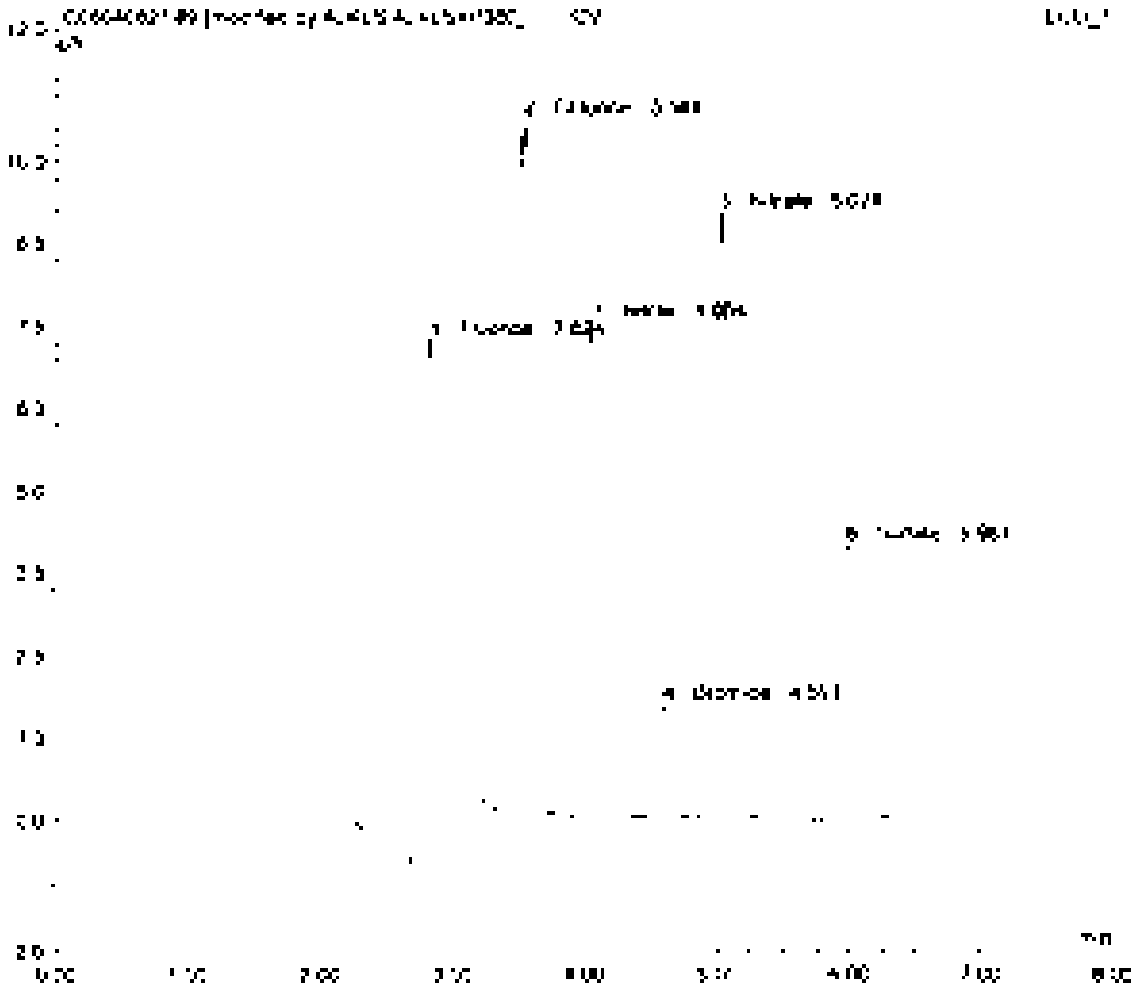
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	1.0000
Program	300_4c	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



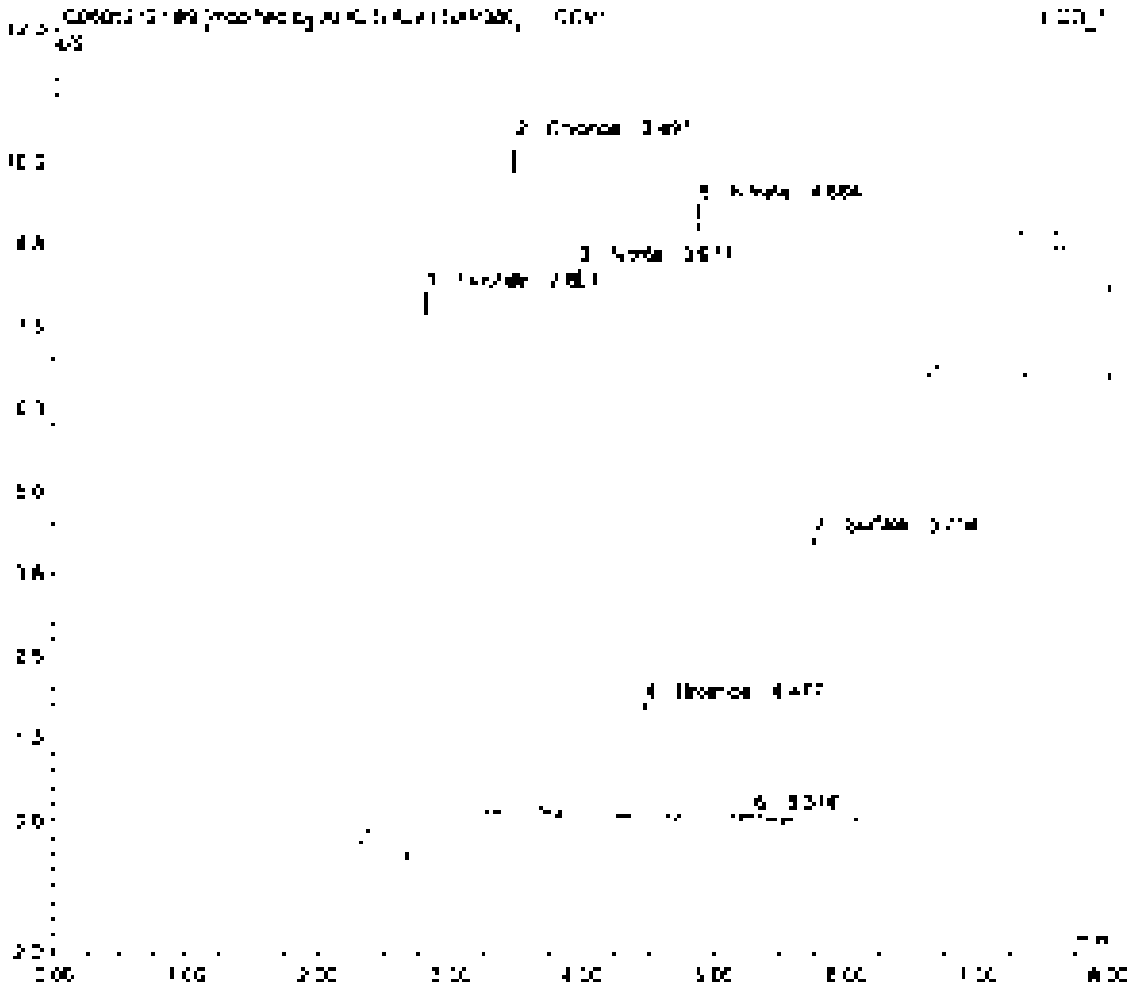
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



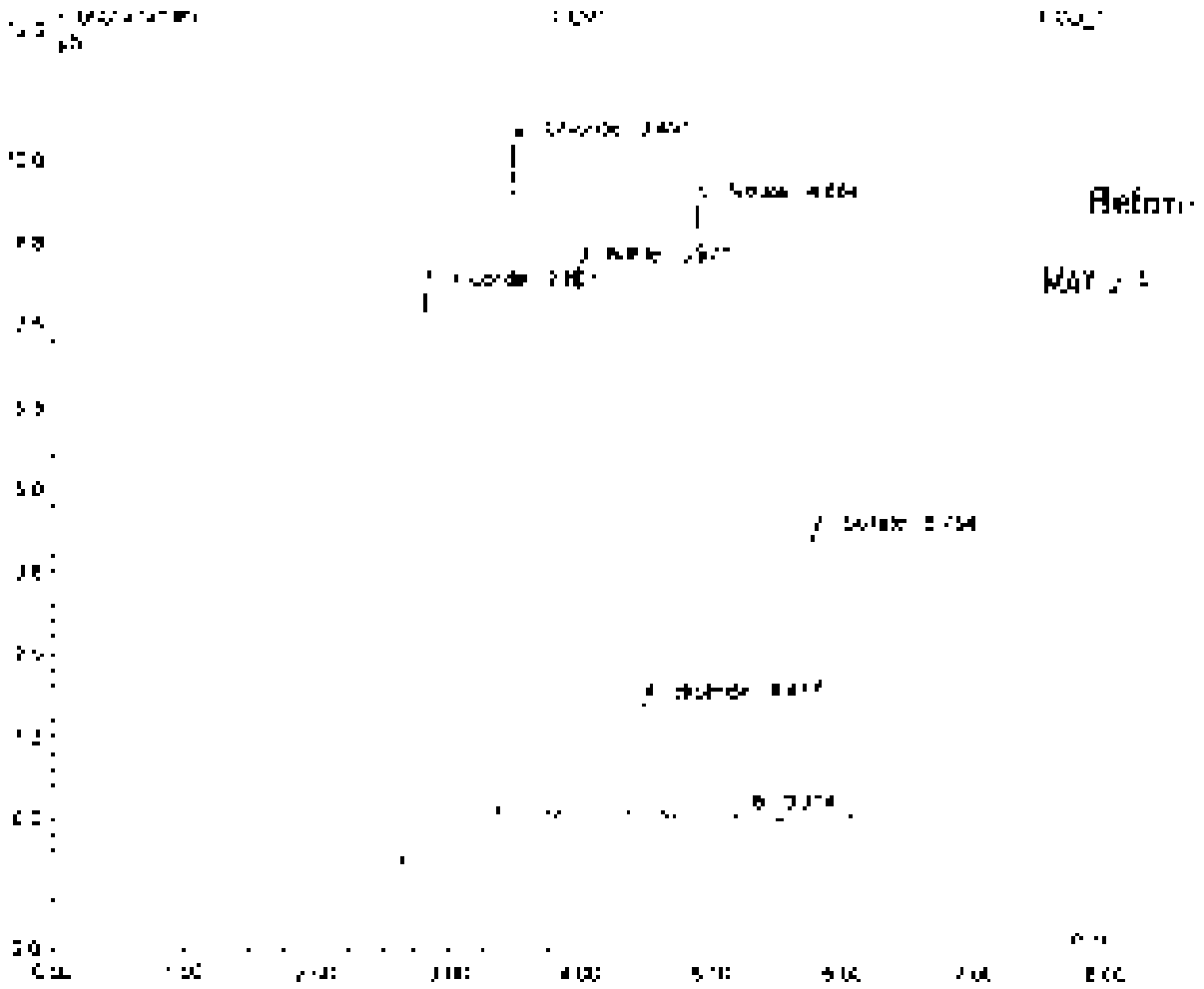
Sample Name	[illegible]	Inj. Vol.	[illegible]
Sample Type	[illegible]	Dilution Factor	1.0000
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time [min]	Peak Name	Type	Area [µS*min]	Height [µS]	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



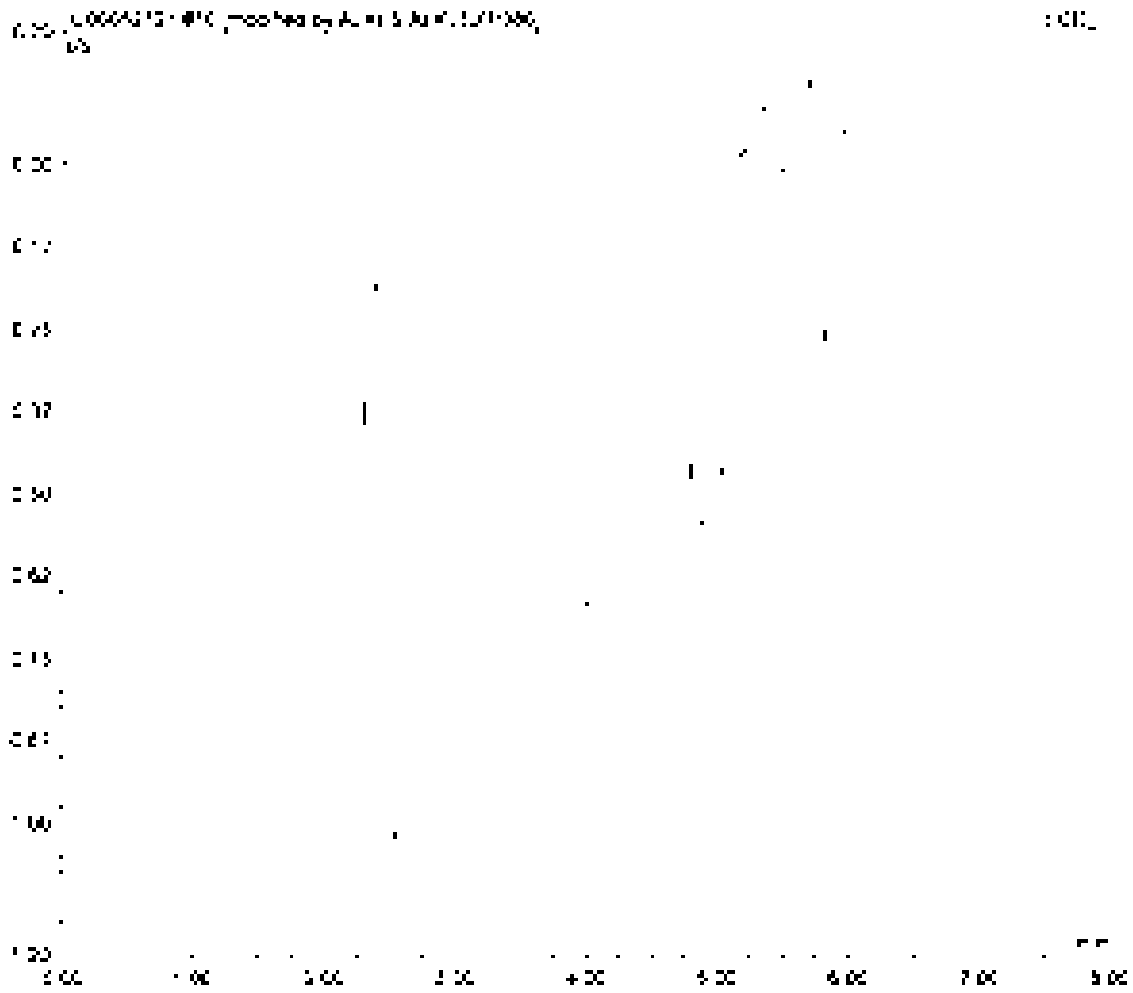
Sample Name:	CCV1	Inj. No:	380
Sample Type:	unknown	Dilution Factor:	1.0000
Program:	380.dc	Operator:	n.a.
Inj. Date/Time:	21/05/21 10:43	Run Time:	8.00

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	BM	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	M1	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	MB	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



Sample Name	66281	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	1.0000
Program	999_04	Operator	n.a.
Inj. Date/Time	21/05/21 13:13	Run Time	8.00

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
		TOTAL		0.00	0.00	0.00

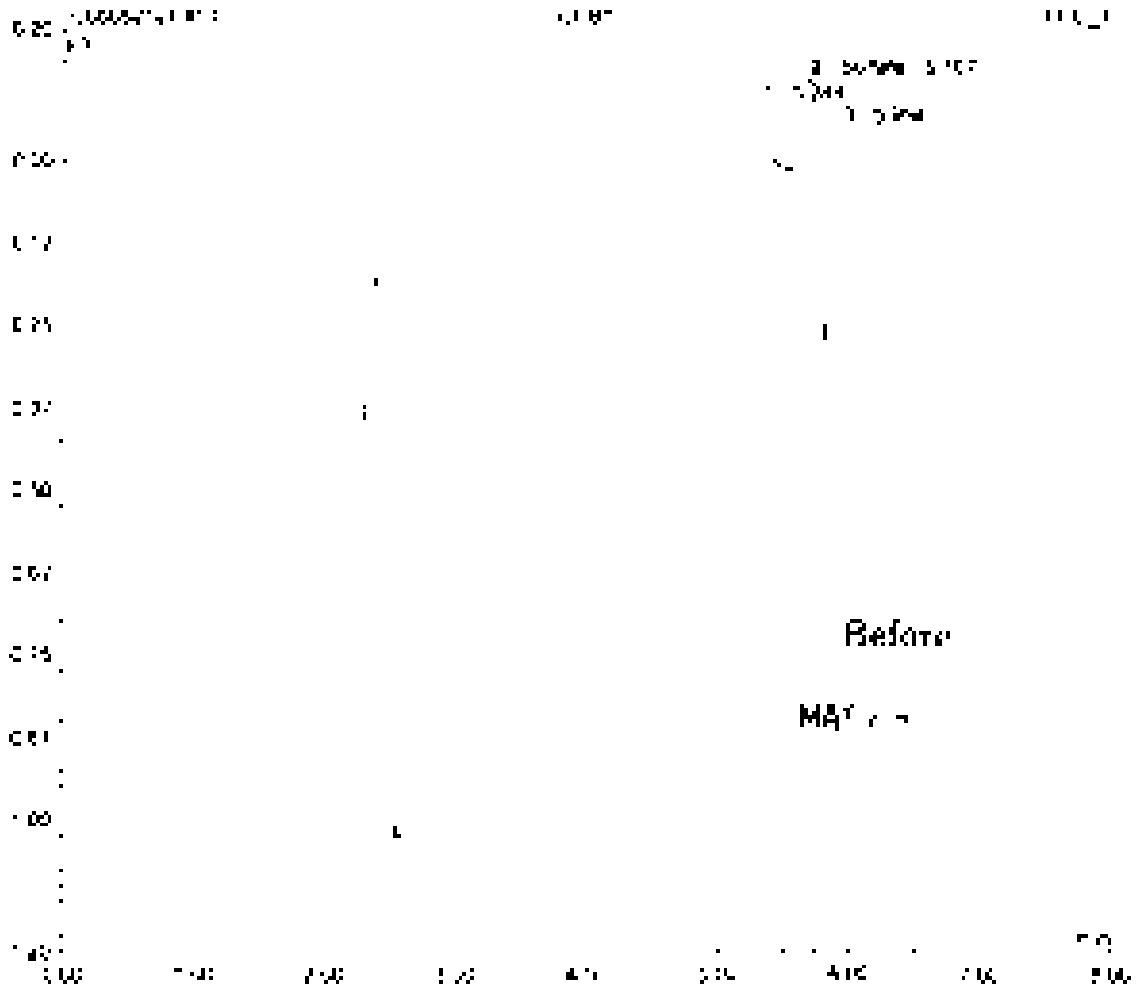


Chromeleon (c) Dionex 1996-2008
Version 6.80 SR10 Build 2878 (1669591)

AMIOK reprint-integration

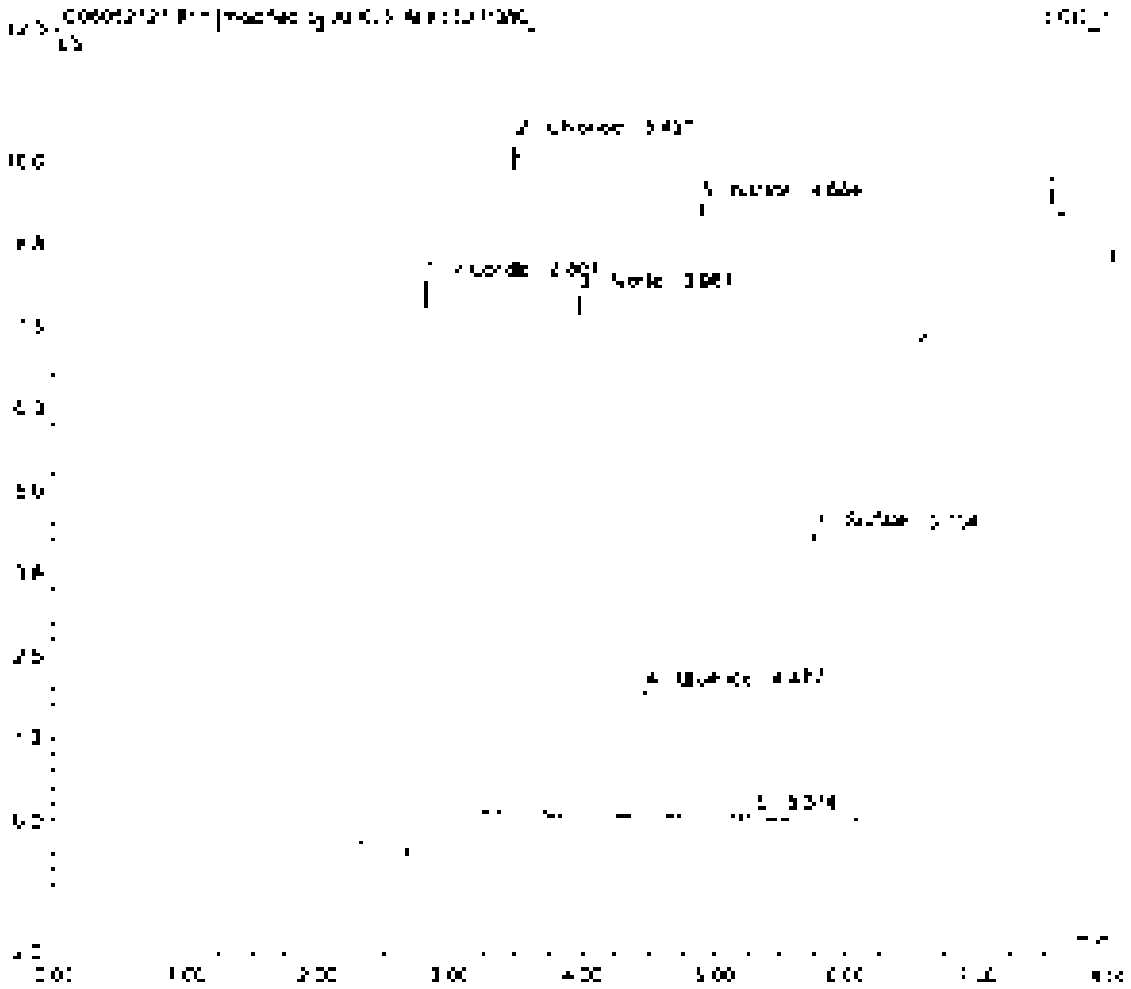
Sample Name	ICDB1	Injection	350
Sample Type	unknown	Dilution Factor	1.0000
Program	380.4c	Operator	n.a.
Inj. Date/Time	5/24/21 10:13	Run Time	8.00

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
2	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



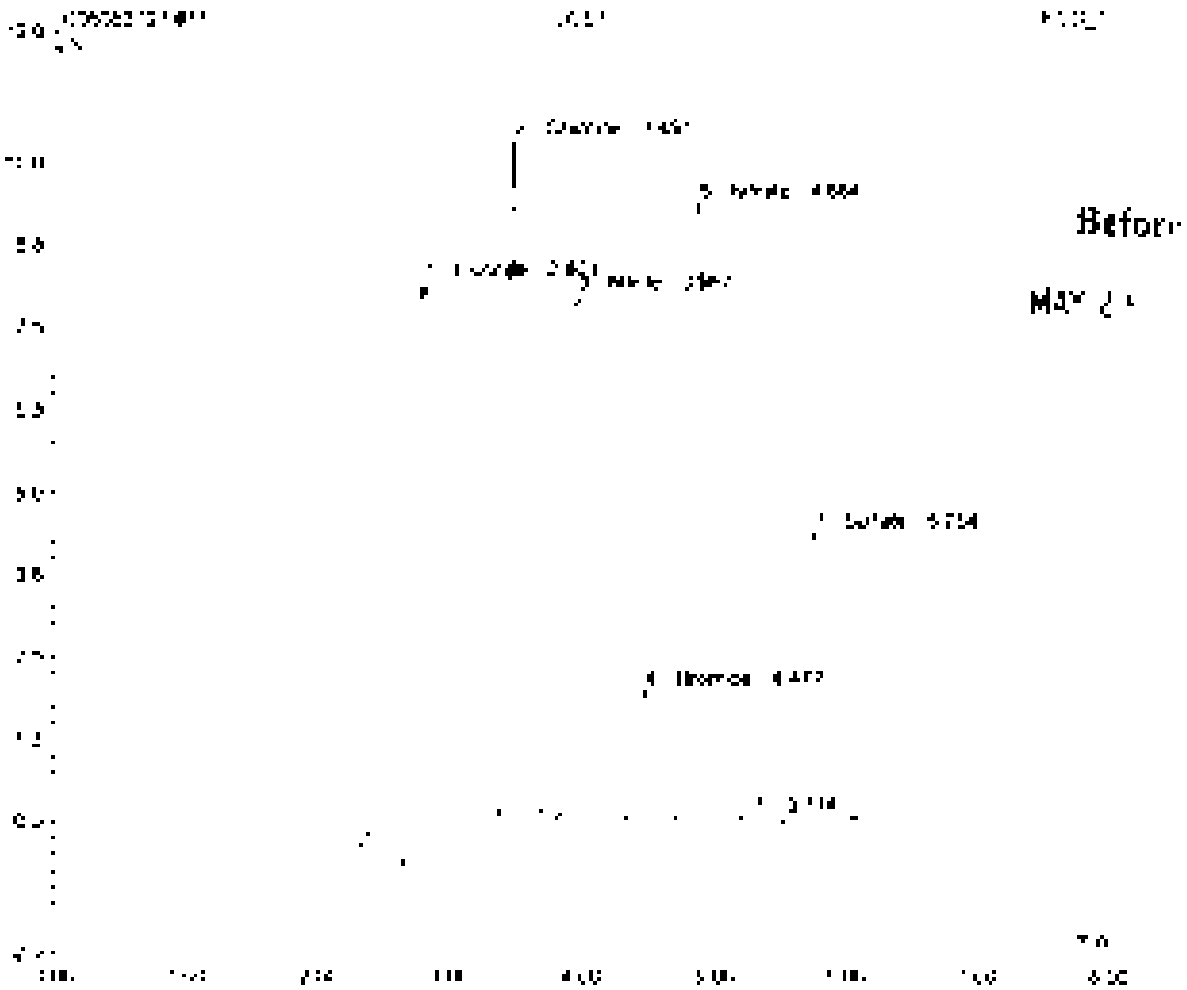
Sample Name	IC051	Inj Vol	20.0
Sample Type	unknown	Dilution Factor	1.0000
Program	300_ic	Operator	n.a.
Inj Date/Time	21/05/21 11:57	Run Time	8.00

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



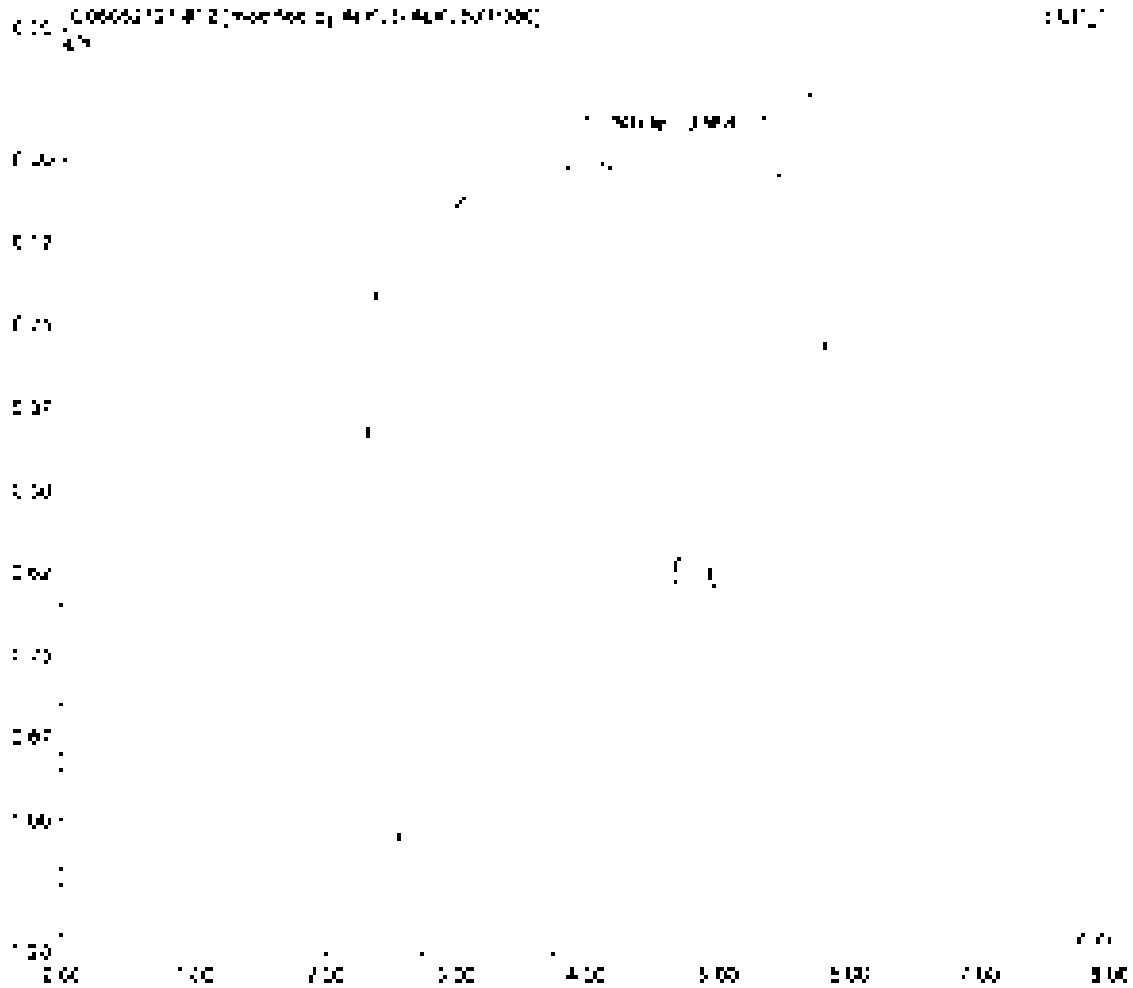
Sample Name	[illegible]	Inj. No	[illegible]
Sample Type	unknown	Dilution Factor	1.0000
Program	300_96	Operator	n.a.
Inj. Date/Time	21/06/01 15:33	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	BM	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	BM	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	BM	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	BV	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	BV	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	VBM	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



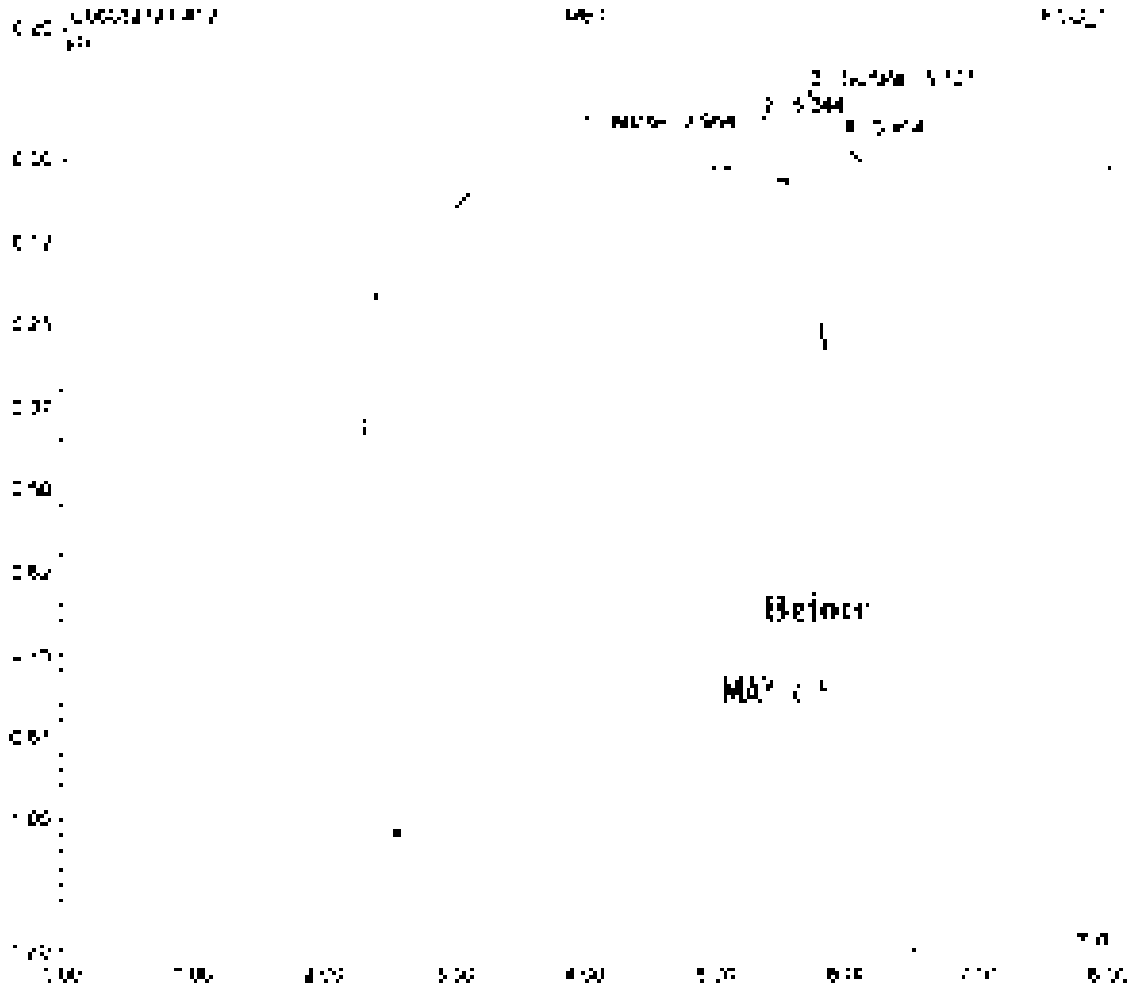
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	Unknown	Dilution Factor	1.0000
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time [illegible]	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



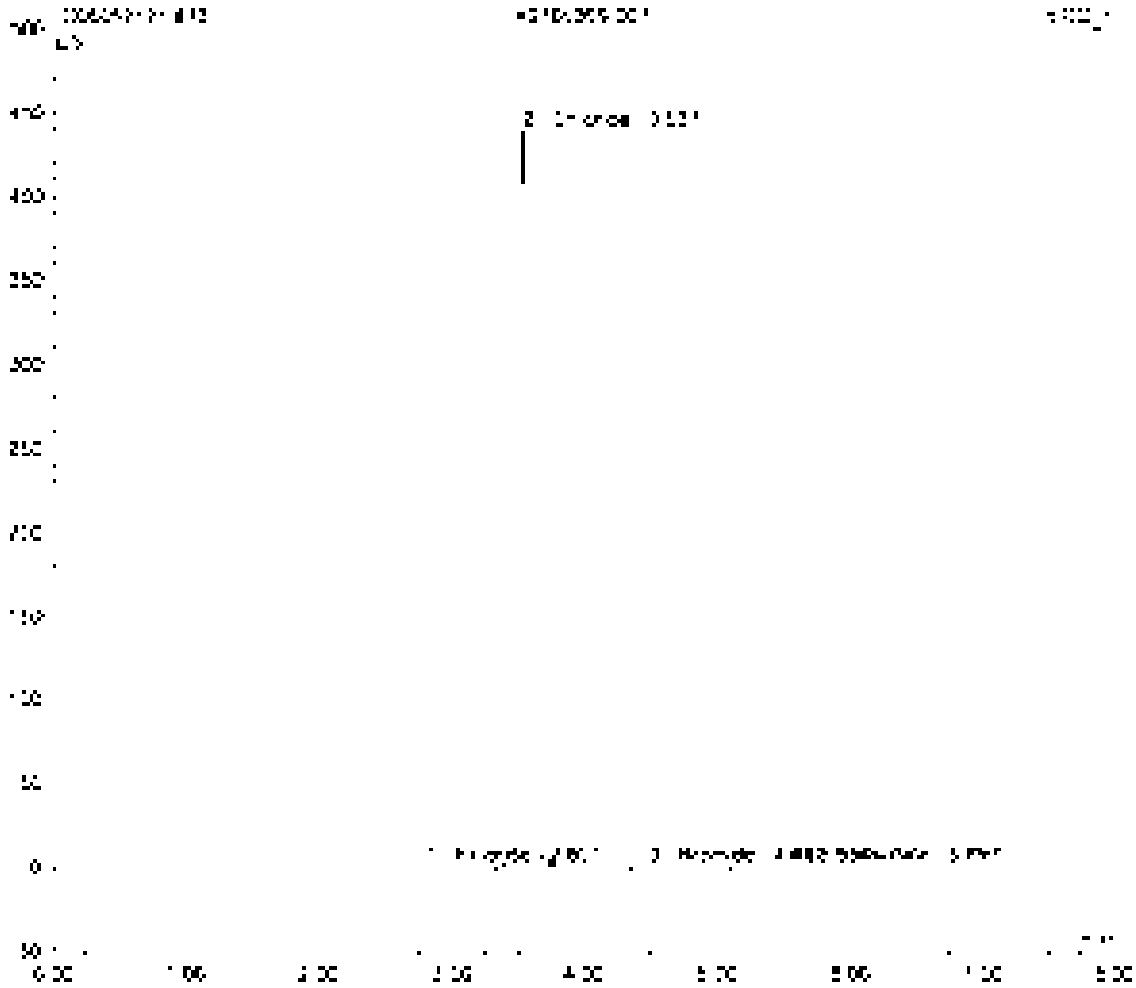
Sample Name	[illegible]	Inj. No	[illegible]
Sample Type	unknown	Dilution Factor	1.0000
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]			TOTAL	[illegible]	[illegible]	[illegible]


[illegible]
[illegible]
[illegible]

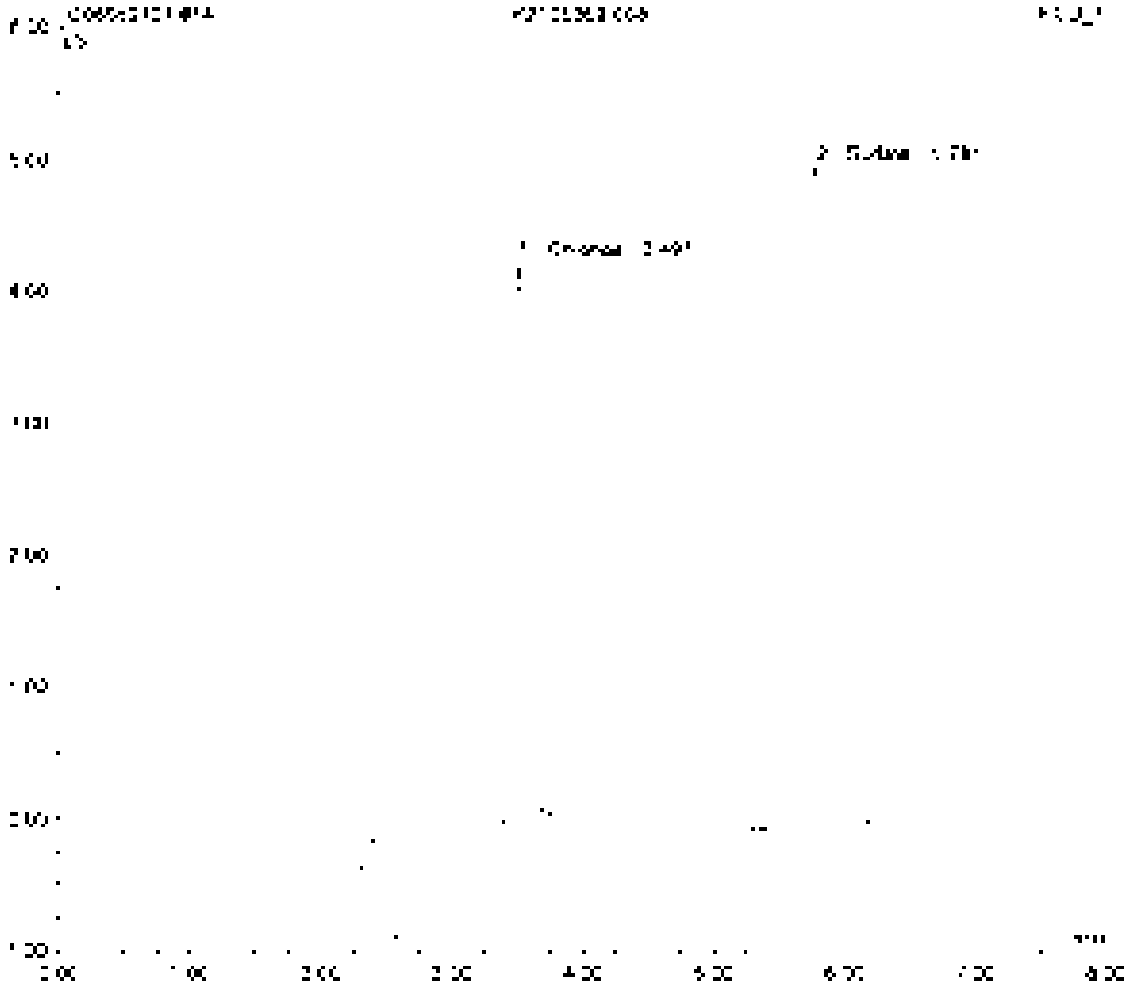
Sample Name	A21[illegible]-007	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	300_lic	Operator	[illegible]
Inj. Date/Time	21/05/21 [illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



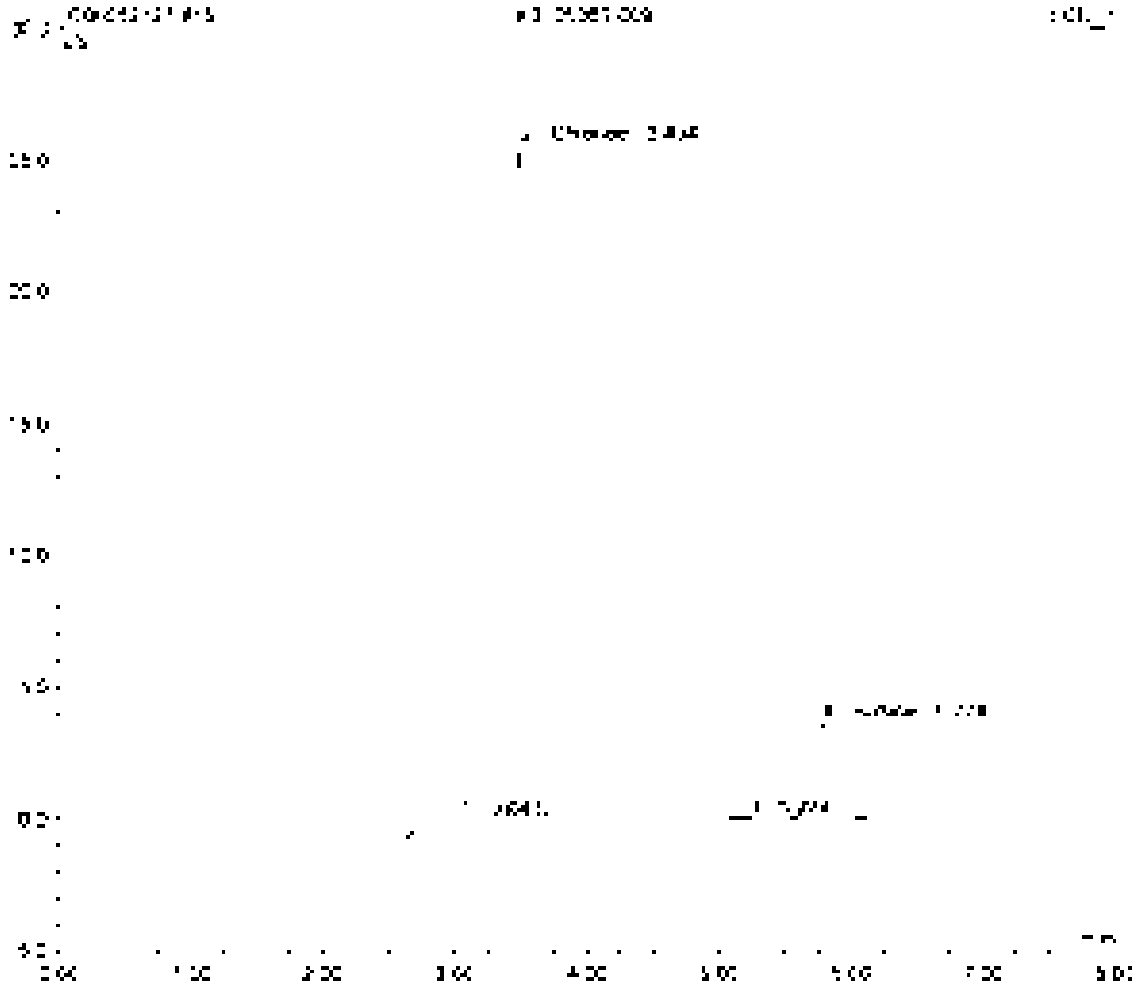
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	Unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		Total		[illegible]	[illegible]	[illegible]



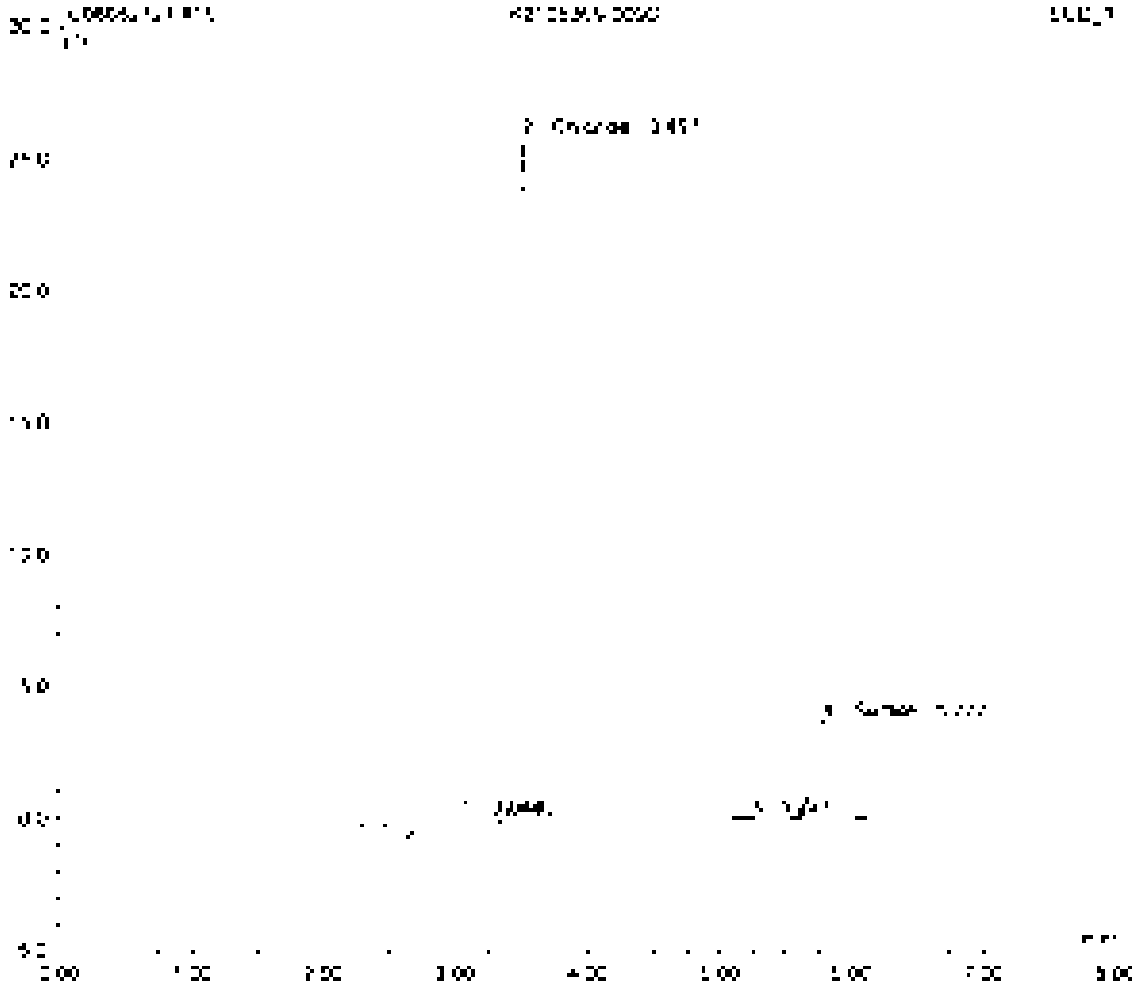
Sample Name	[illegible]	[illegible]	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj Date/Time	[illegible]	[illegible]	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



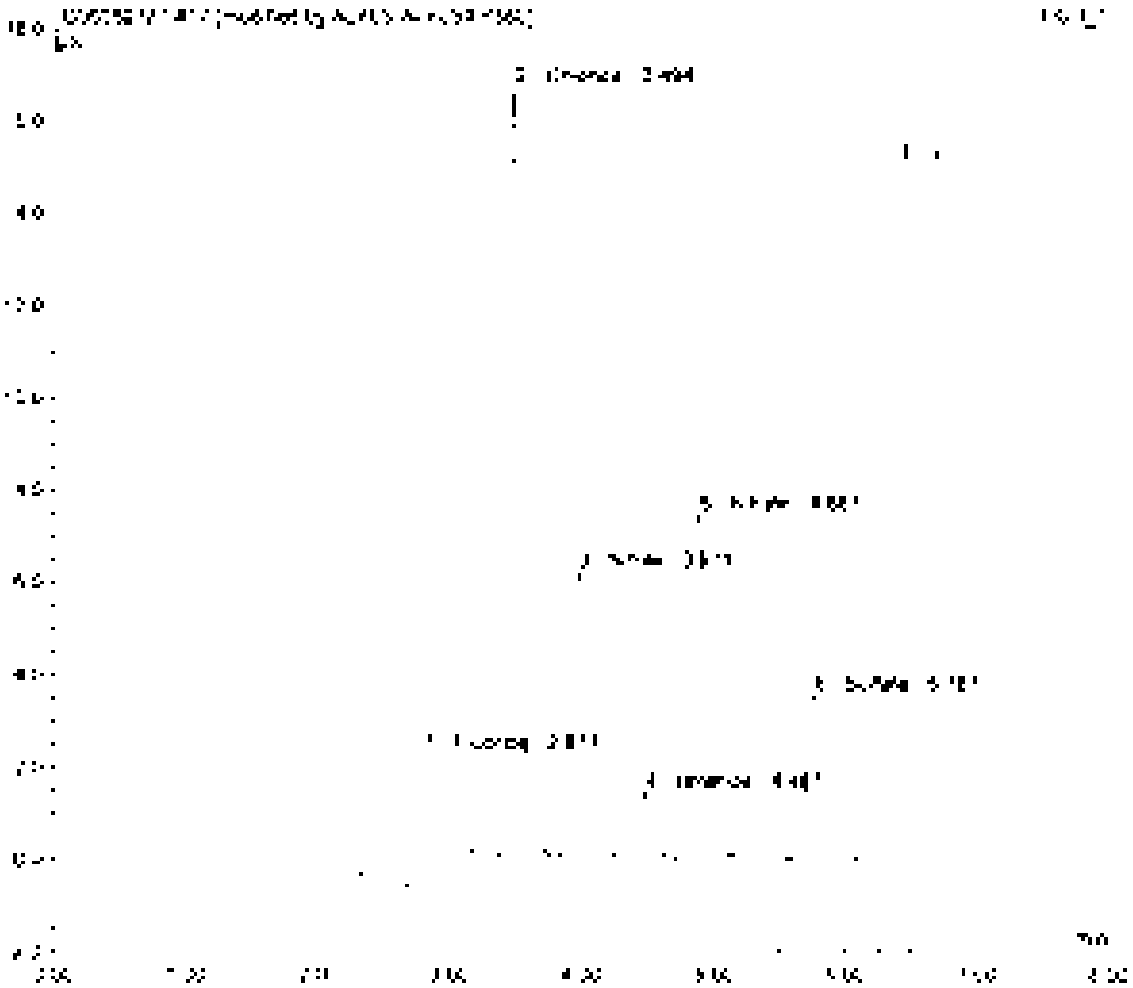
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

Inj	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		TOTAL		[illegible]	[illegible]	[illegible]



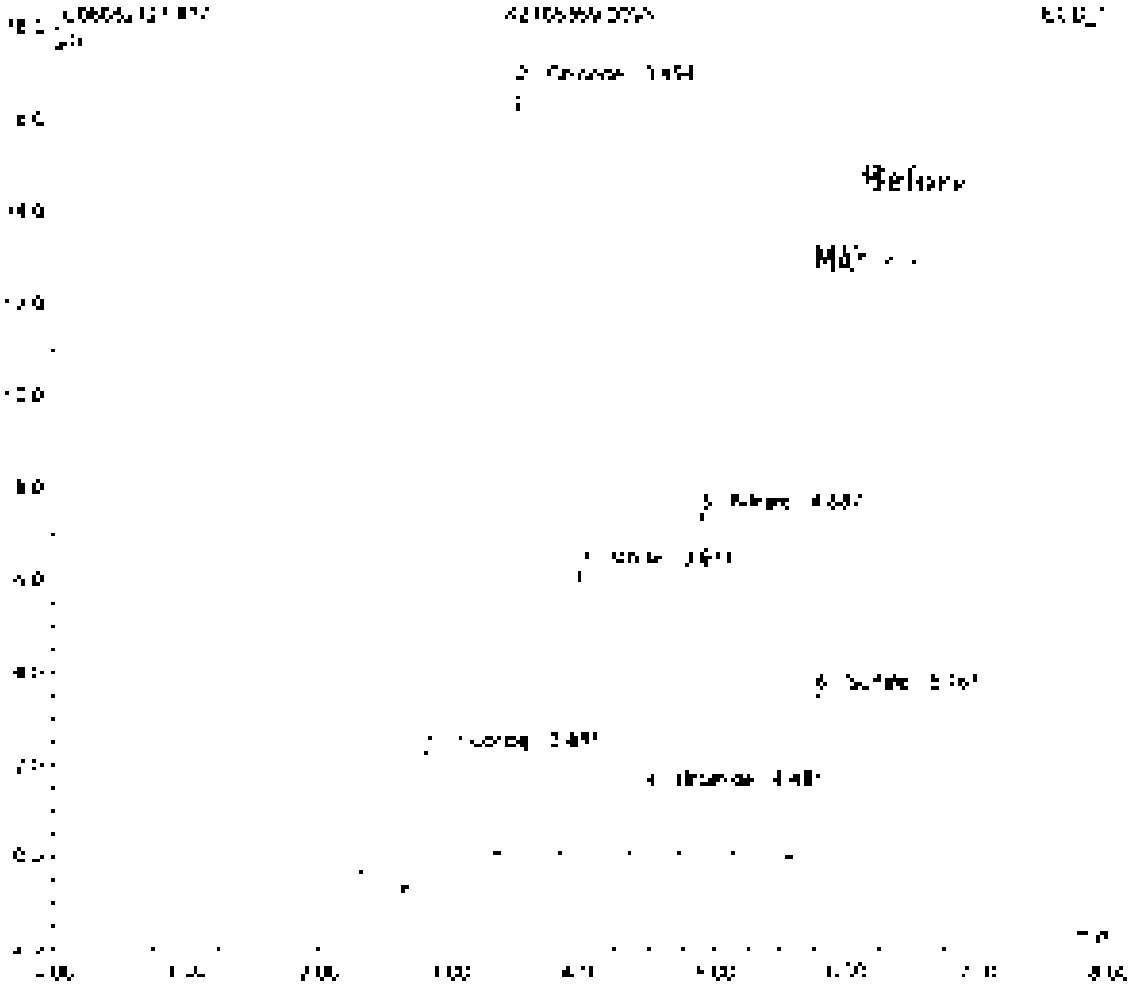
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/cm min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]

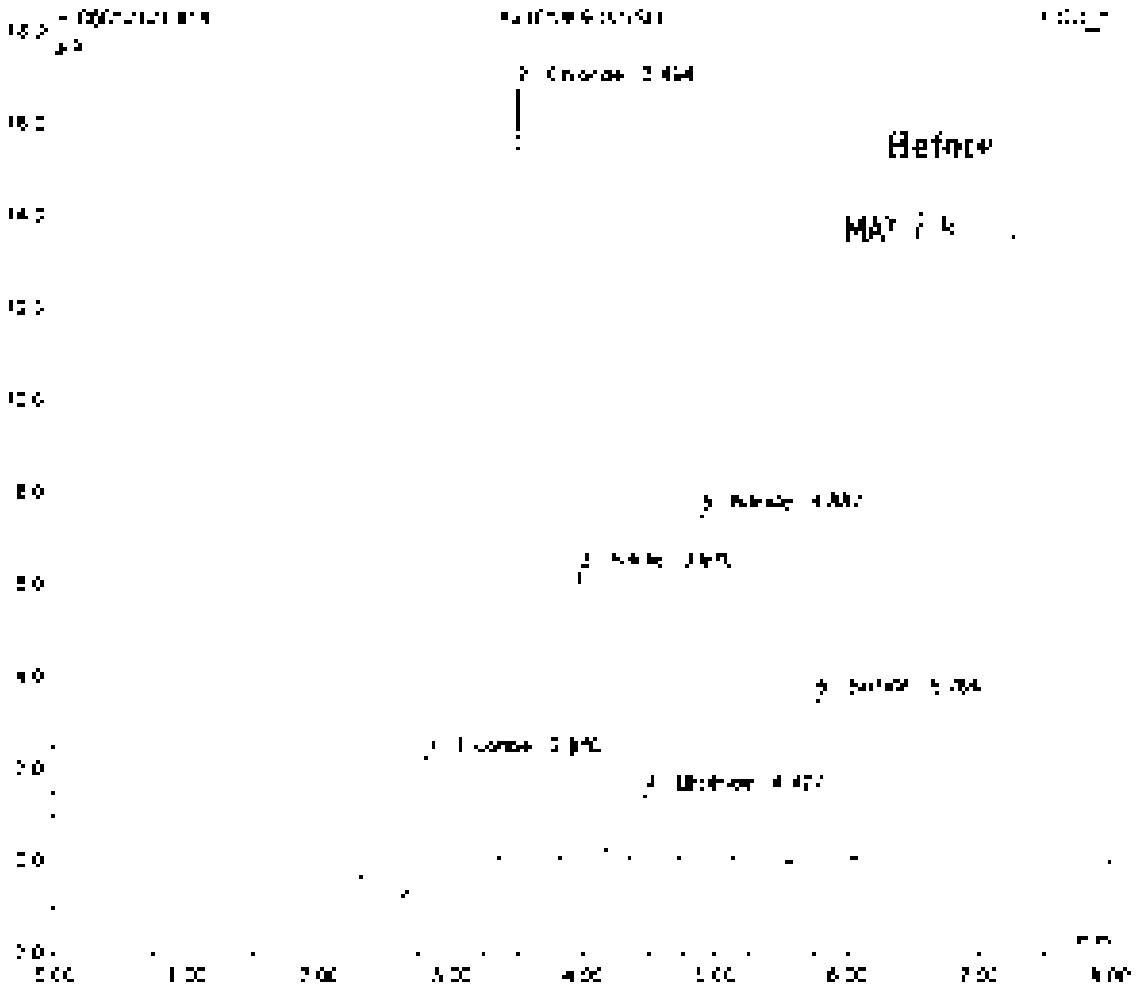


Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

Inj	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]

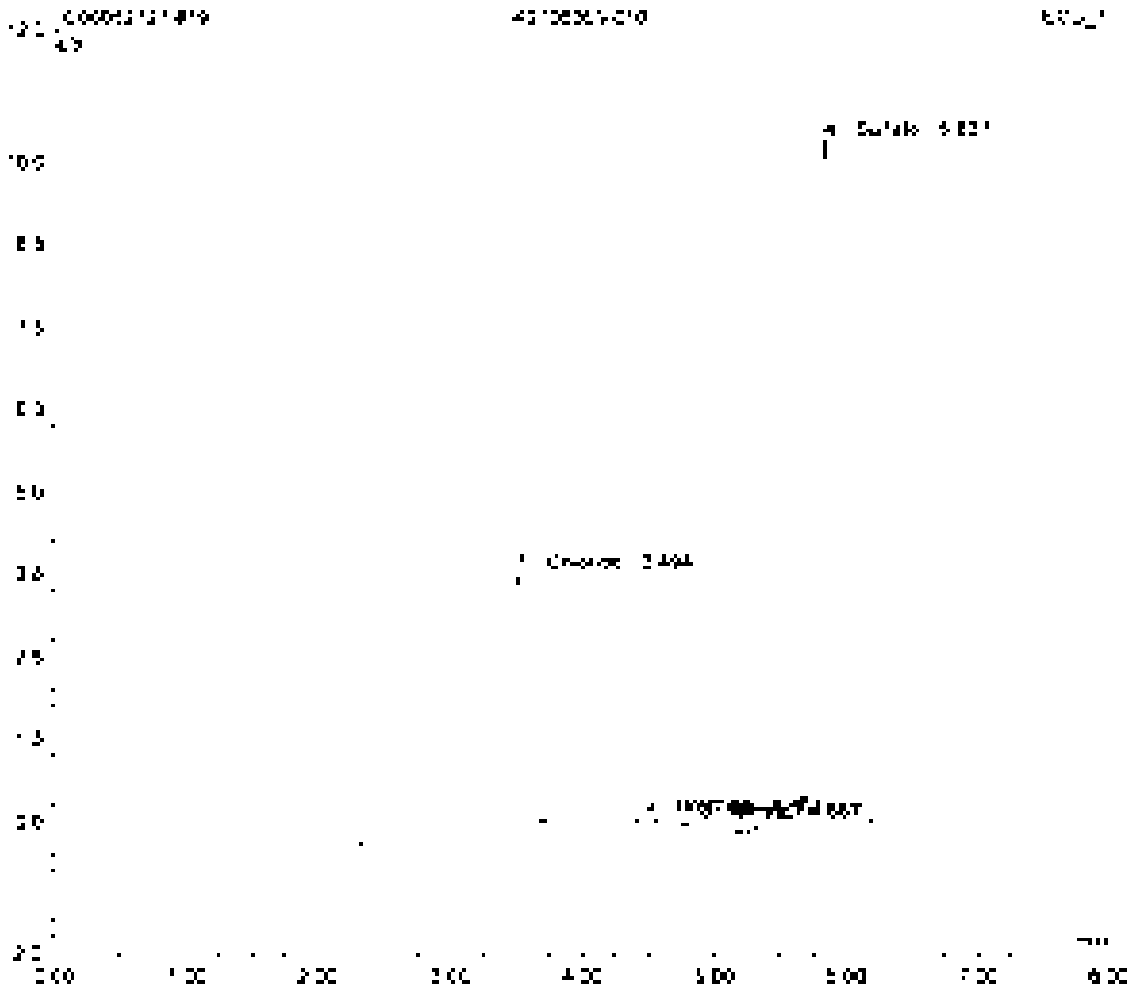
Sample Name	[illegible]	Inj. No.	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



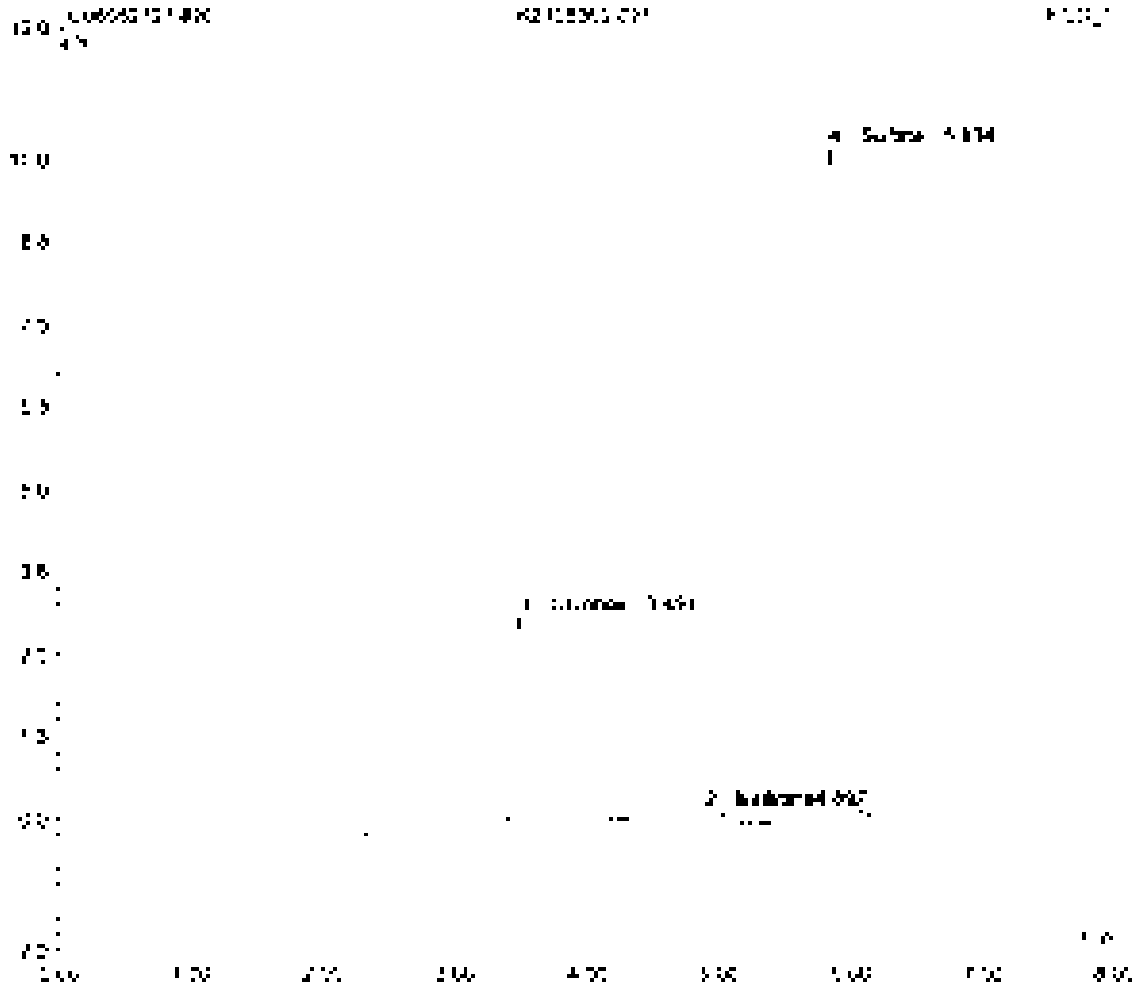
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	Unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date-Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



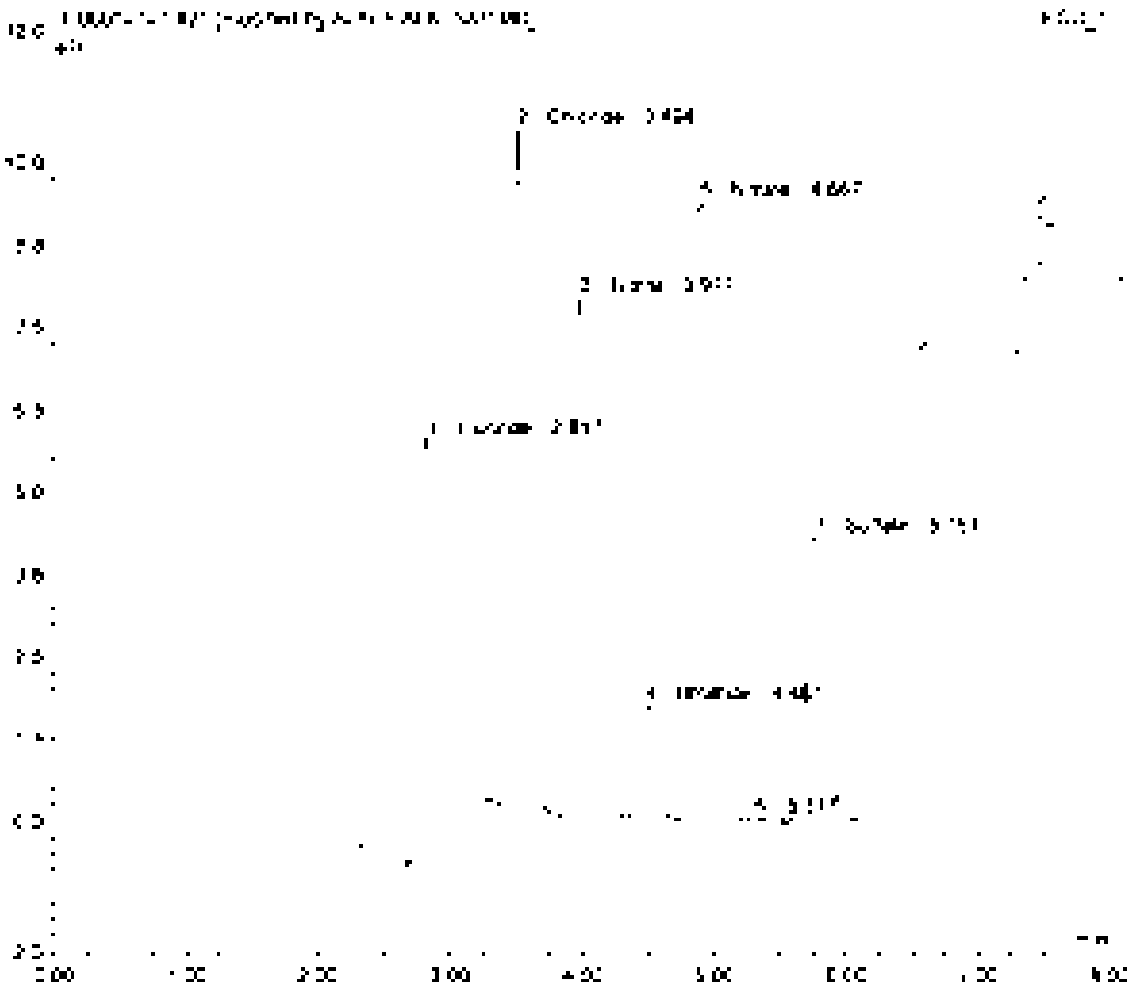
Sample Name	[illegible]	Inj Vol	[illegible]
Sample Type	Unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]				[illegible]	[illegible]	[illegible]



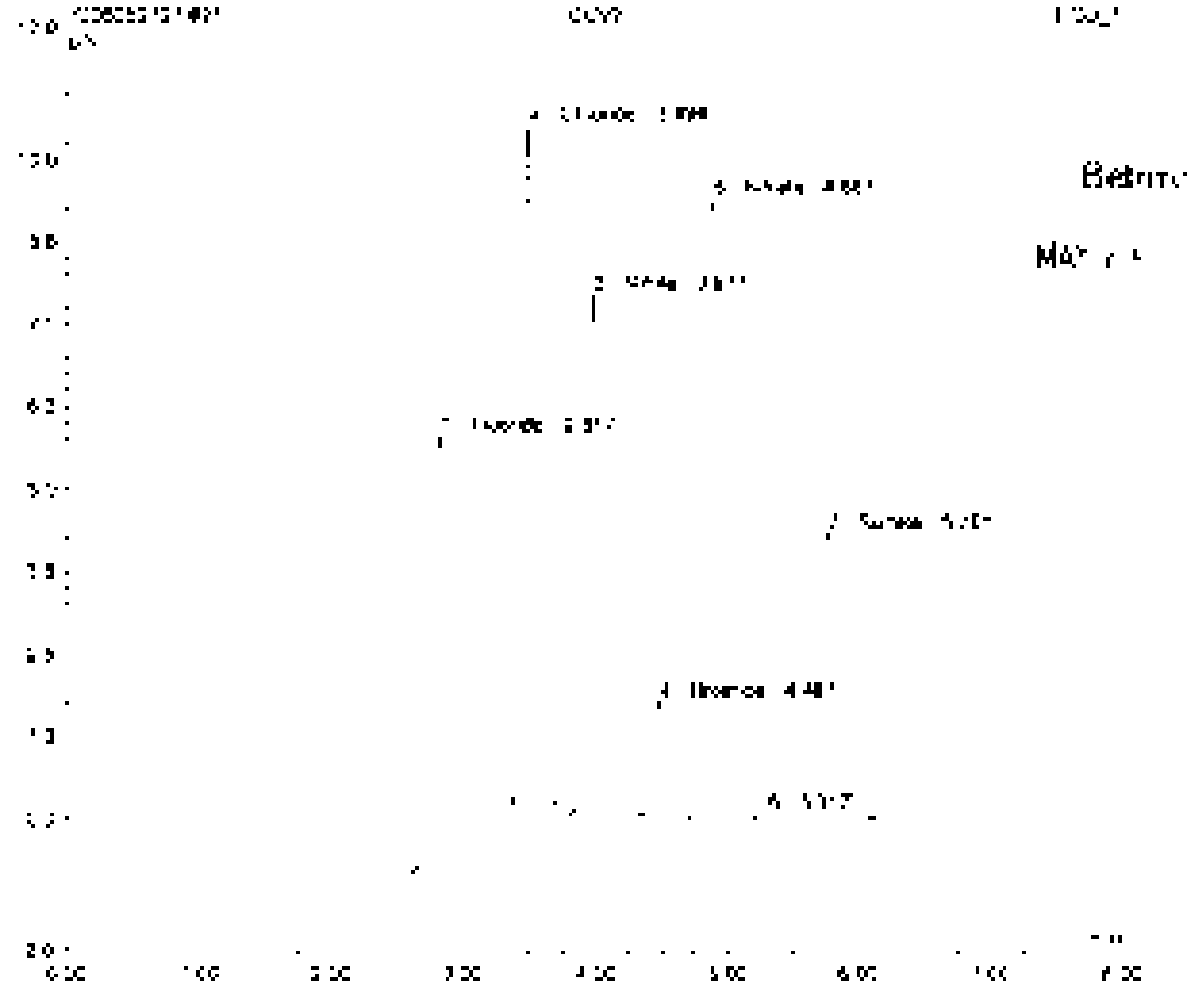
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	1.0000
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time [illegible]	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



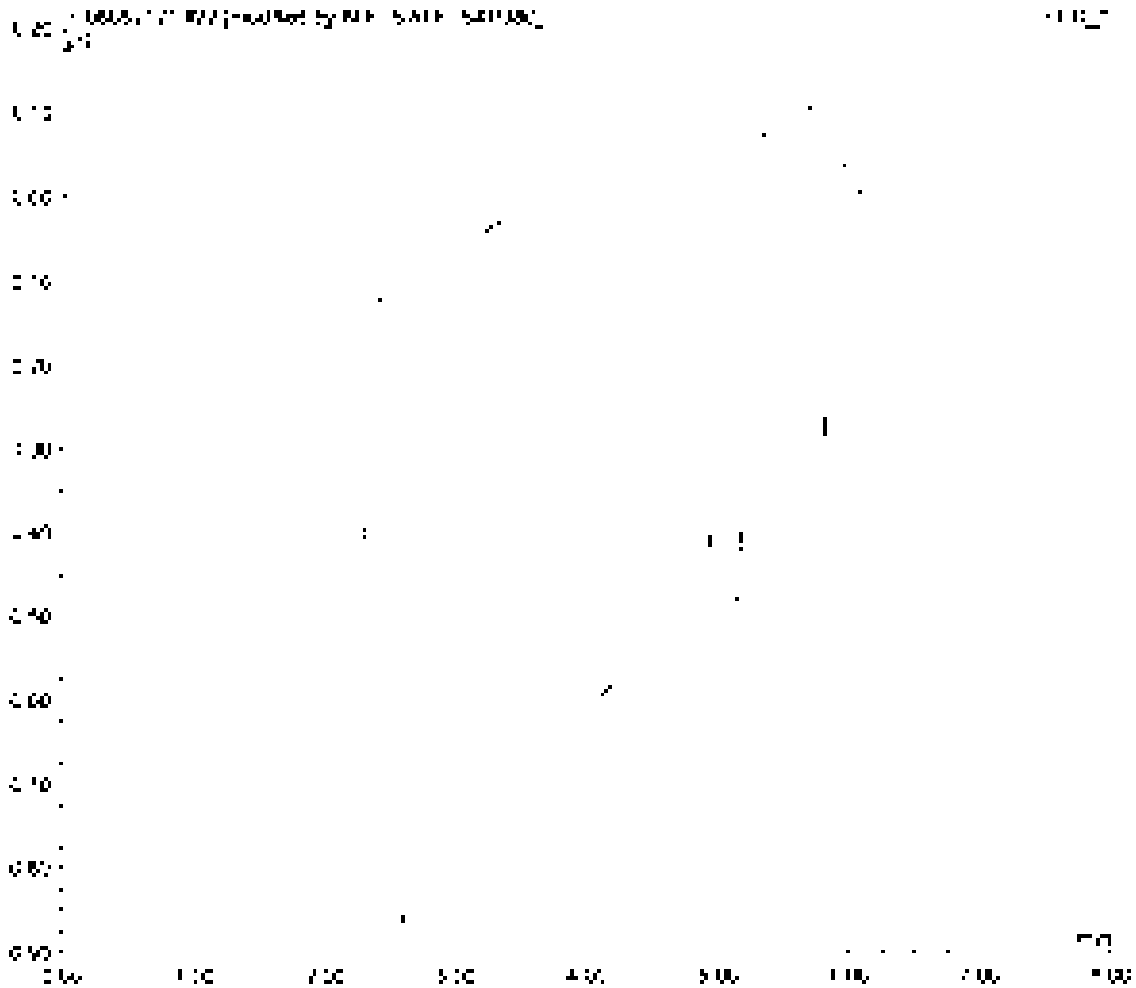
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

Nr.	Time min	Peak Name	Type	Area µS/cm·s	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



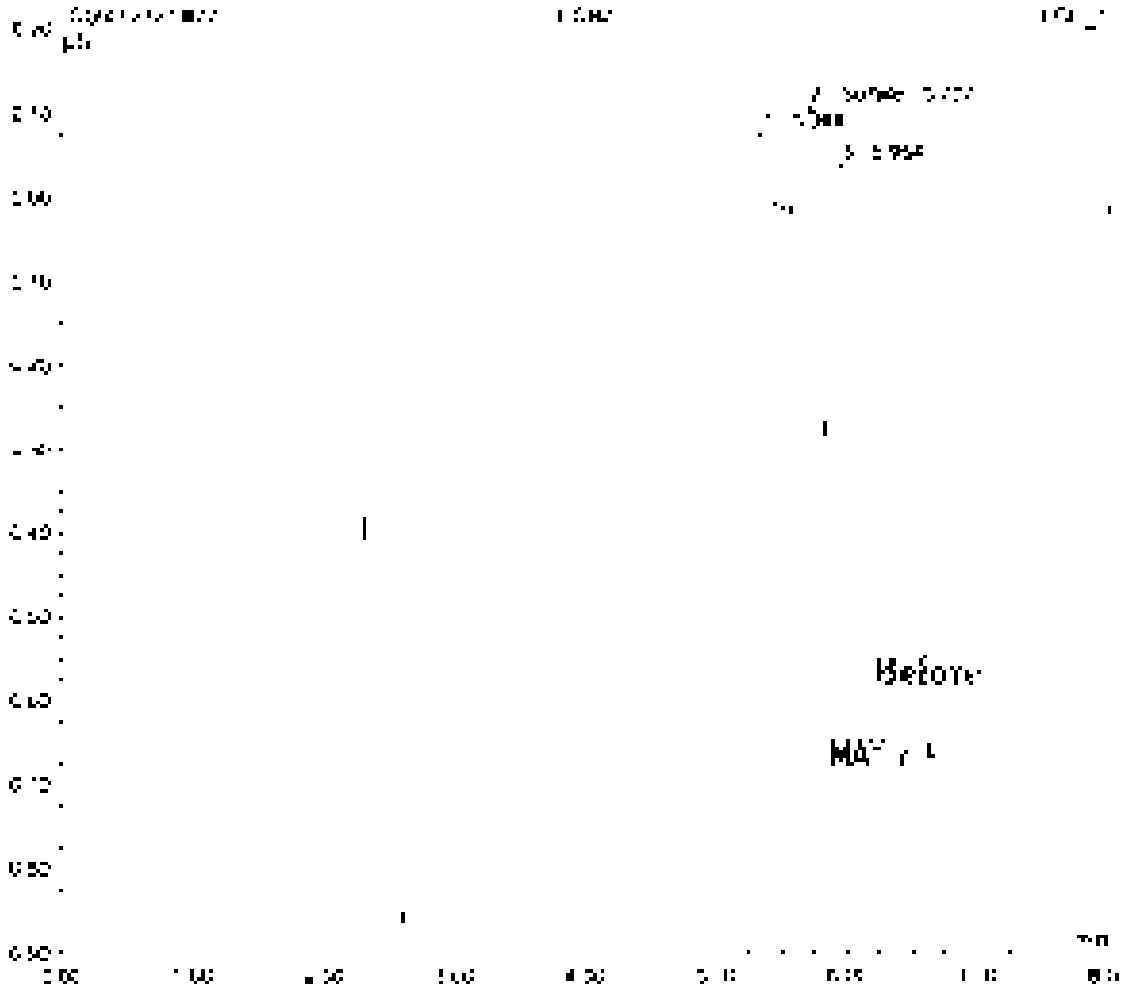
Sample Name	CCBII	Inj. Vol	350
Sample Type	unknown	Solution Factor	1.0000
Program	380.lic	Operator	[illegible]
Inj. Date/Time	31/05/21 18:08	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
		TOTAL		0.00	0.00	0.00



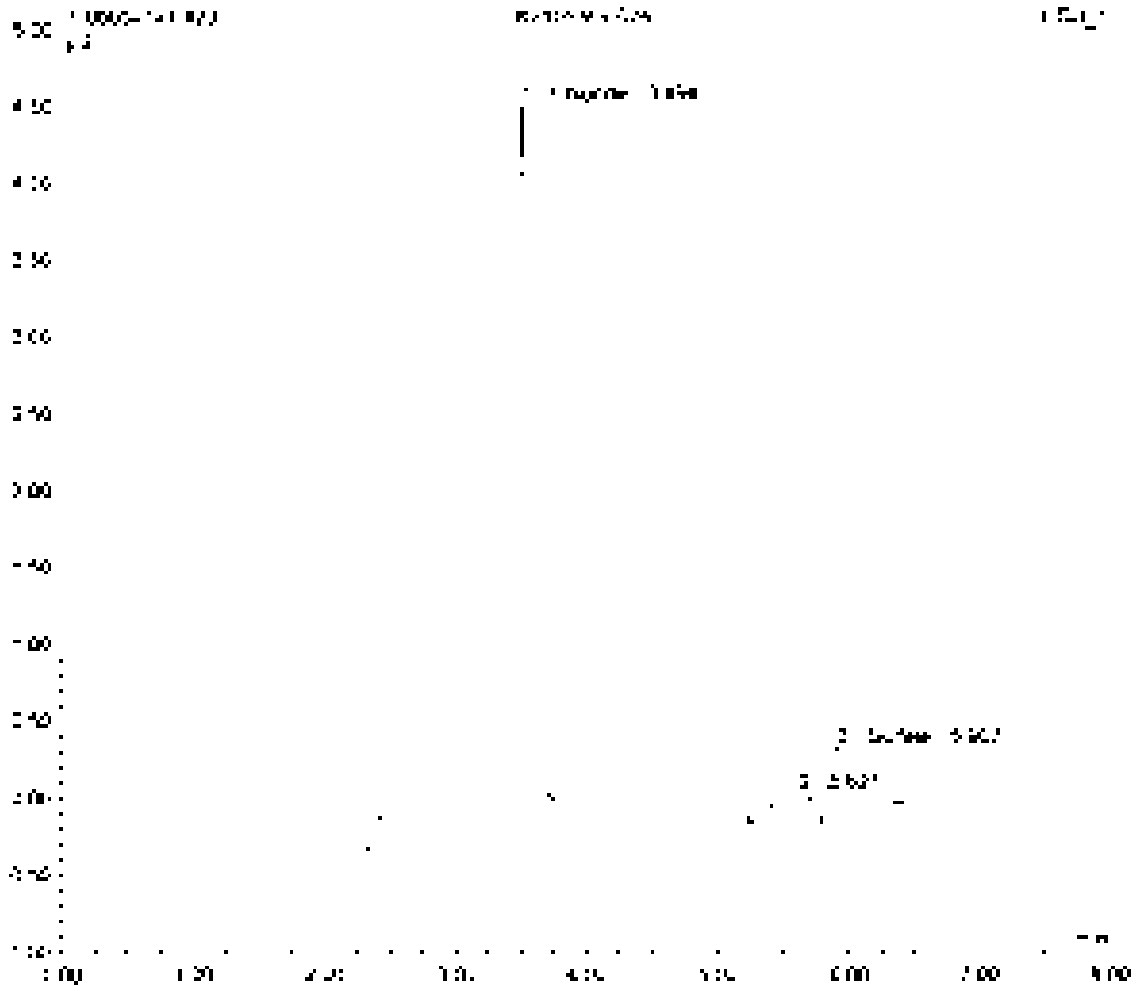
Sample Name	CC83	Inj. Vol	384
Sample Type	unknown	Dilution Factor	1.0000
Program	300 dc	Operator	NA
Inj. Date/Time	21/05/21 18:08	Run Time	1.00

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
2	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



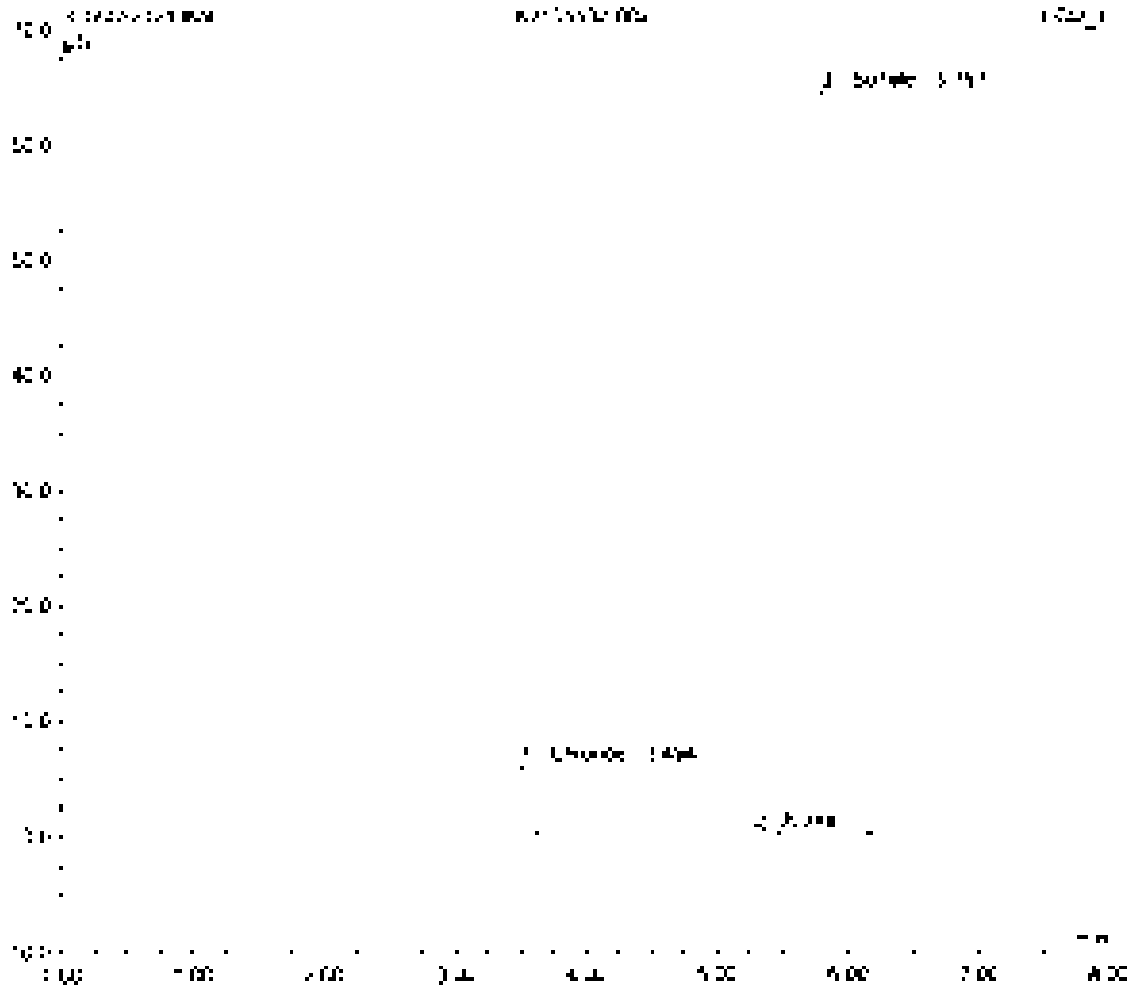
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



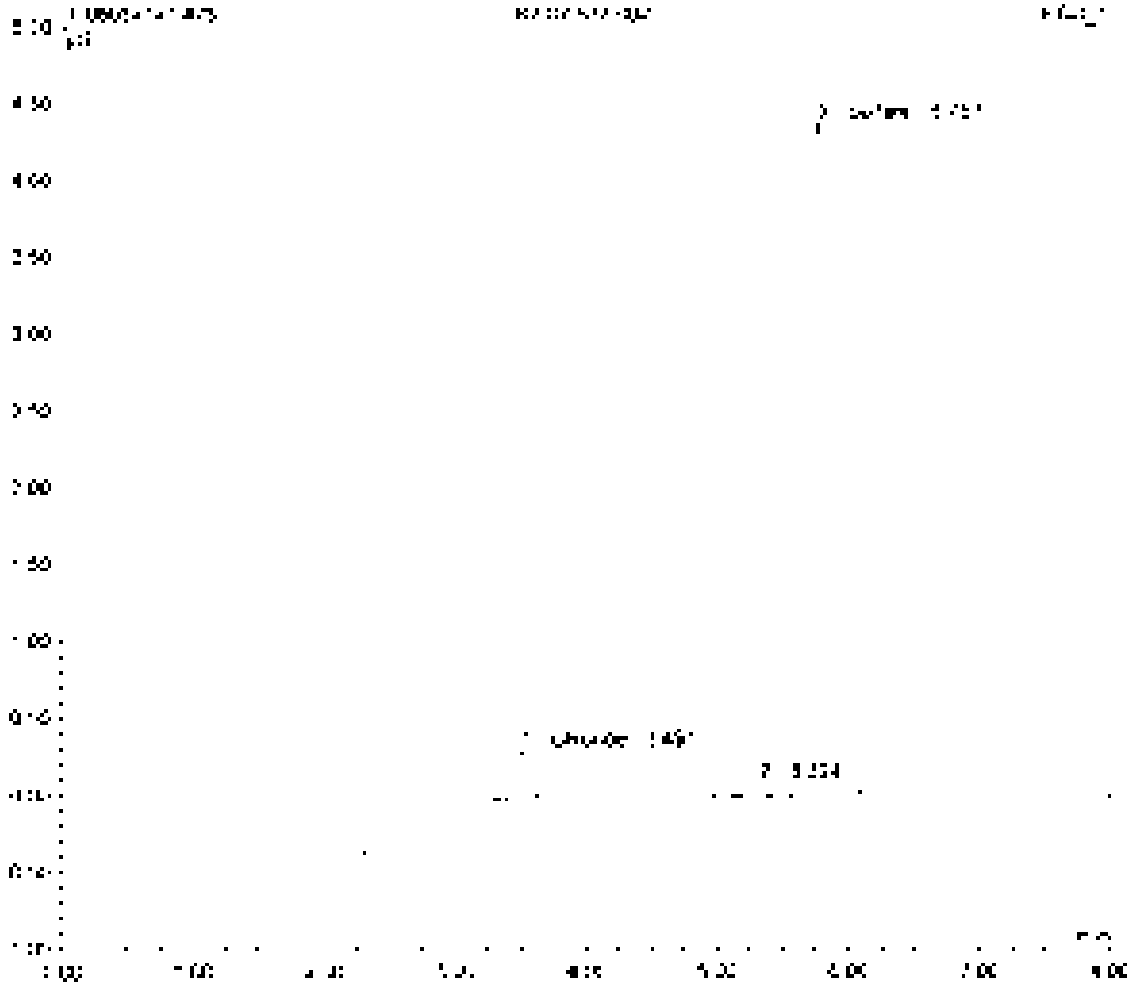
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	300, Dc	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



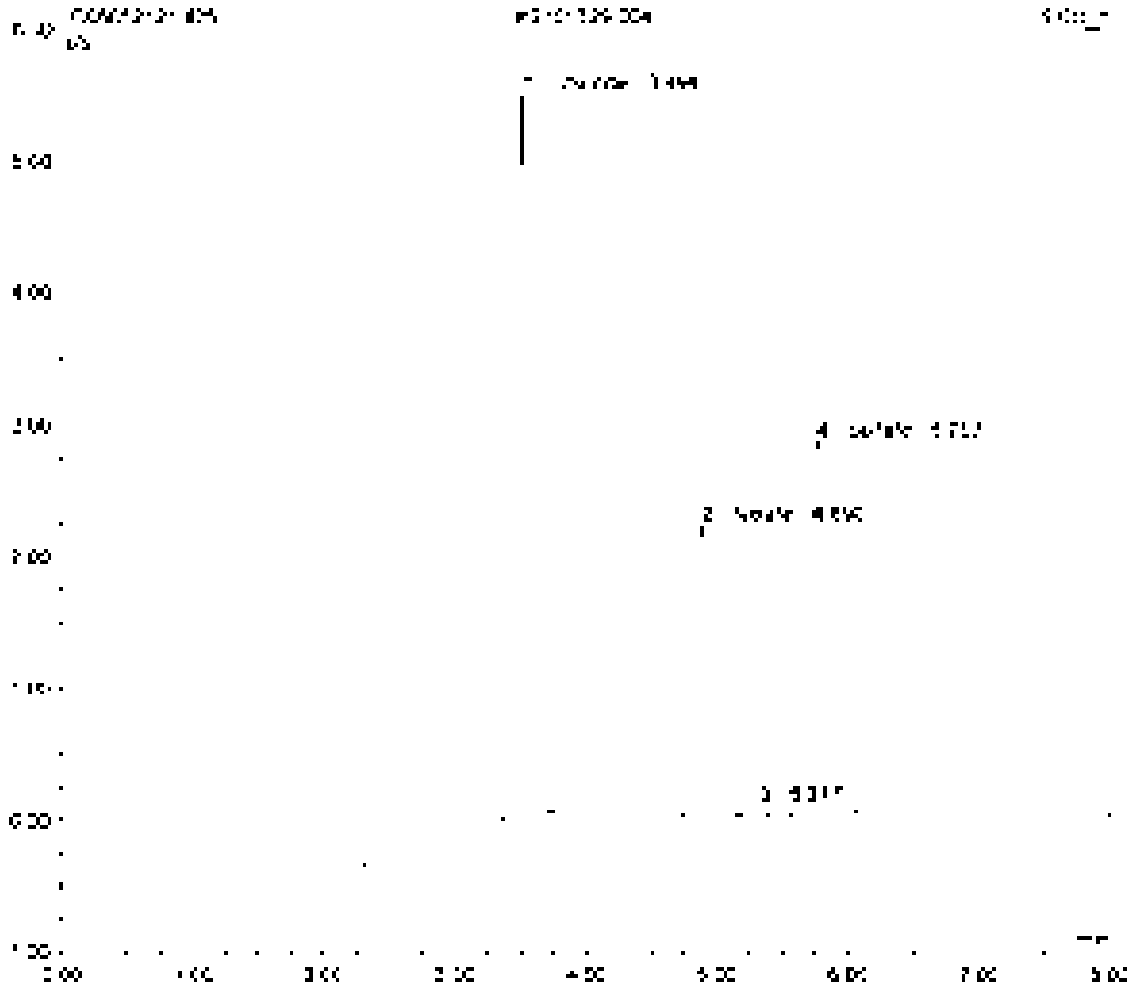
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Type	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	BMB	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	BMH	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



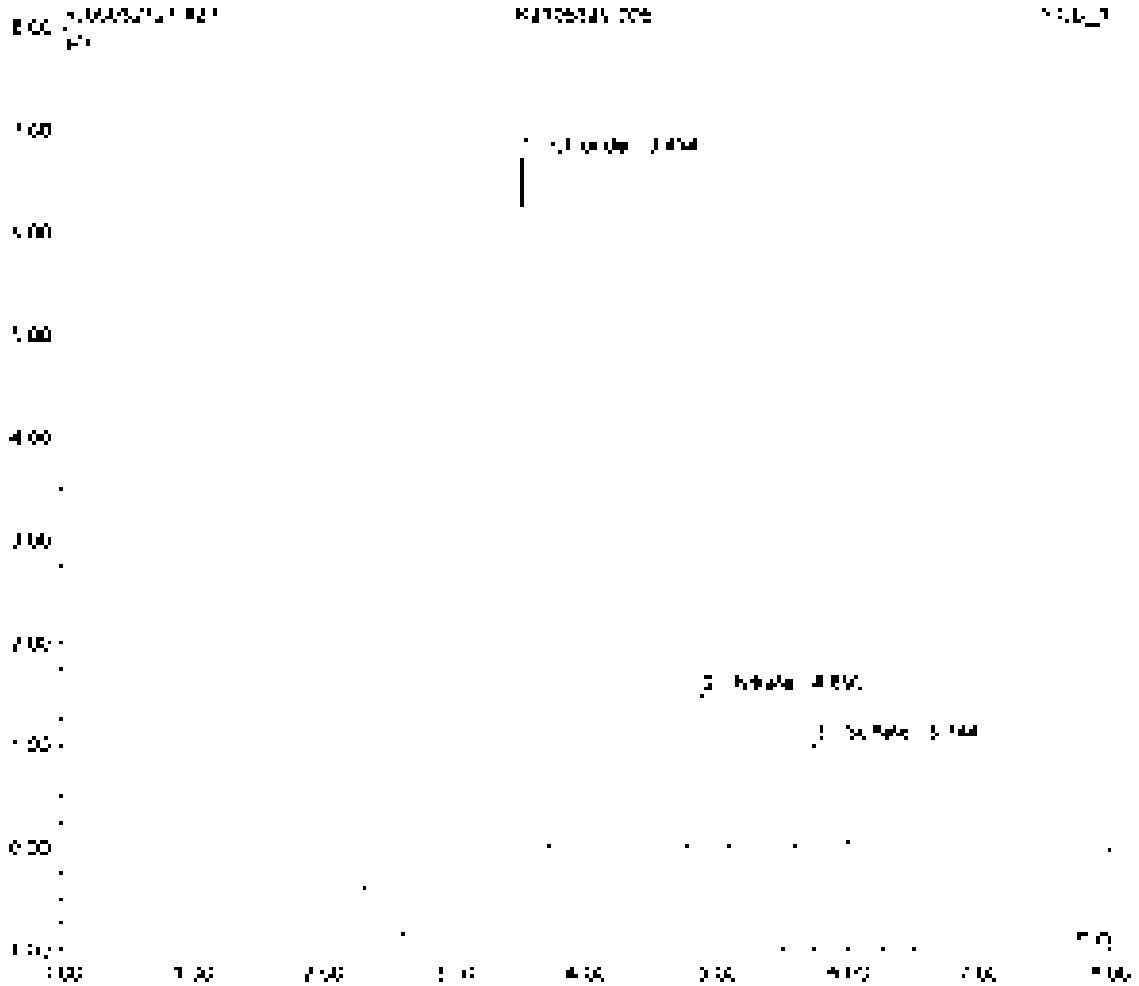
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	BMH	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	BV	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	BMB	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]


[illegible]
[illegible]
[illegible]

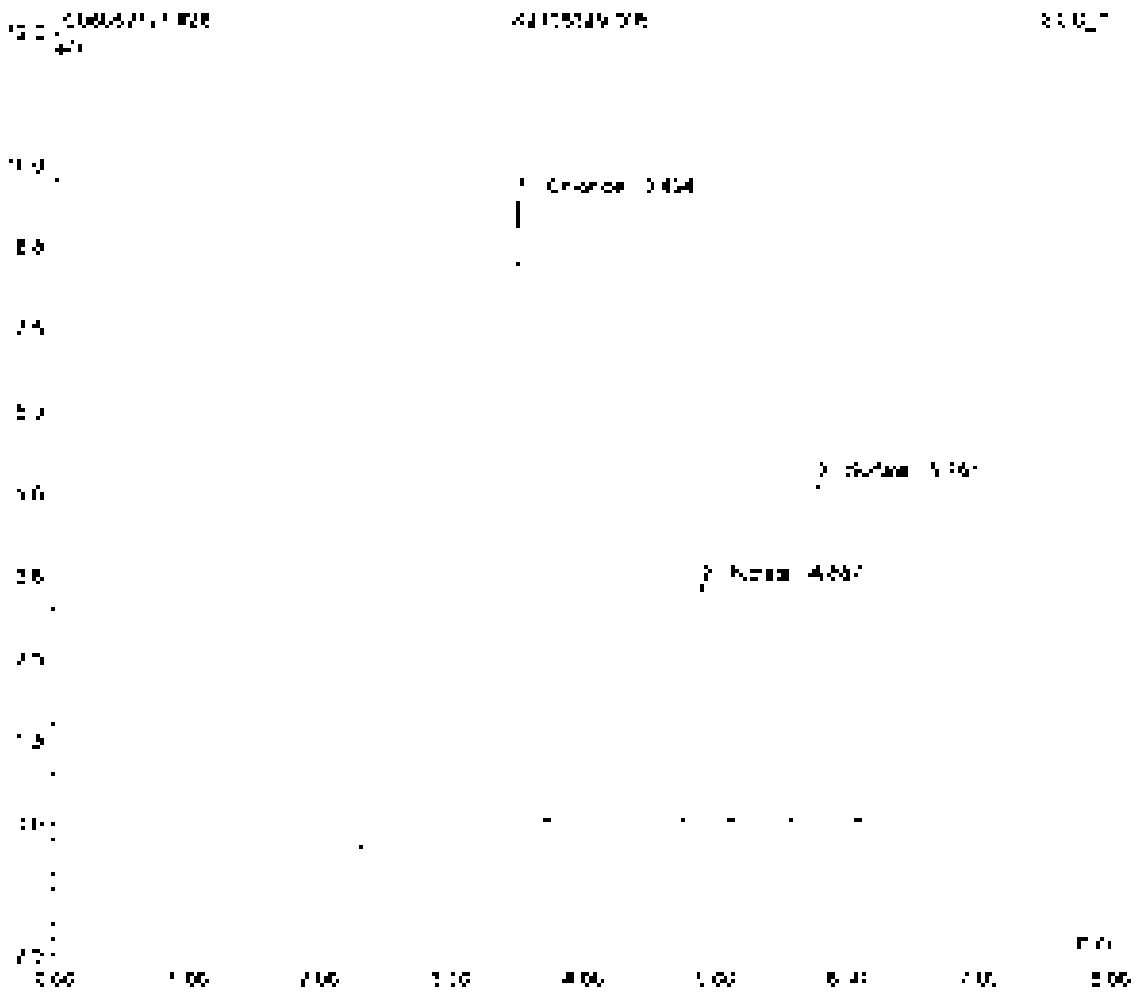
Sample Name	K3158336-006	Inj. Vol	35.0
Sample Type	unknown	Dilution Factor	100.0000
Program	300 lic	Operator	N/A
Inj. Date/Time	2/19/2021 17:47	Run Time	8.00

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount µg
1	[illegible]	Chloride	BMB	[illegible]	[illegible]	[illegible]
2	[illegible]	Nitrate	BMB	[illegible]	[illegible]	[illegible]
3	[illegible]	Sulfate	BMB	[illegible]	[illegible]	[illegible]
		TOTAL:		[illegible]	[illegible]	[illegible]



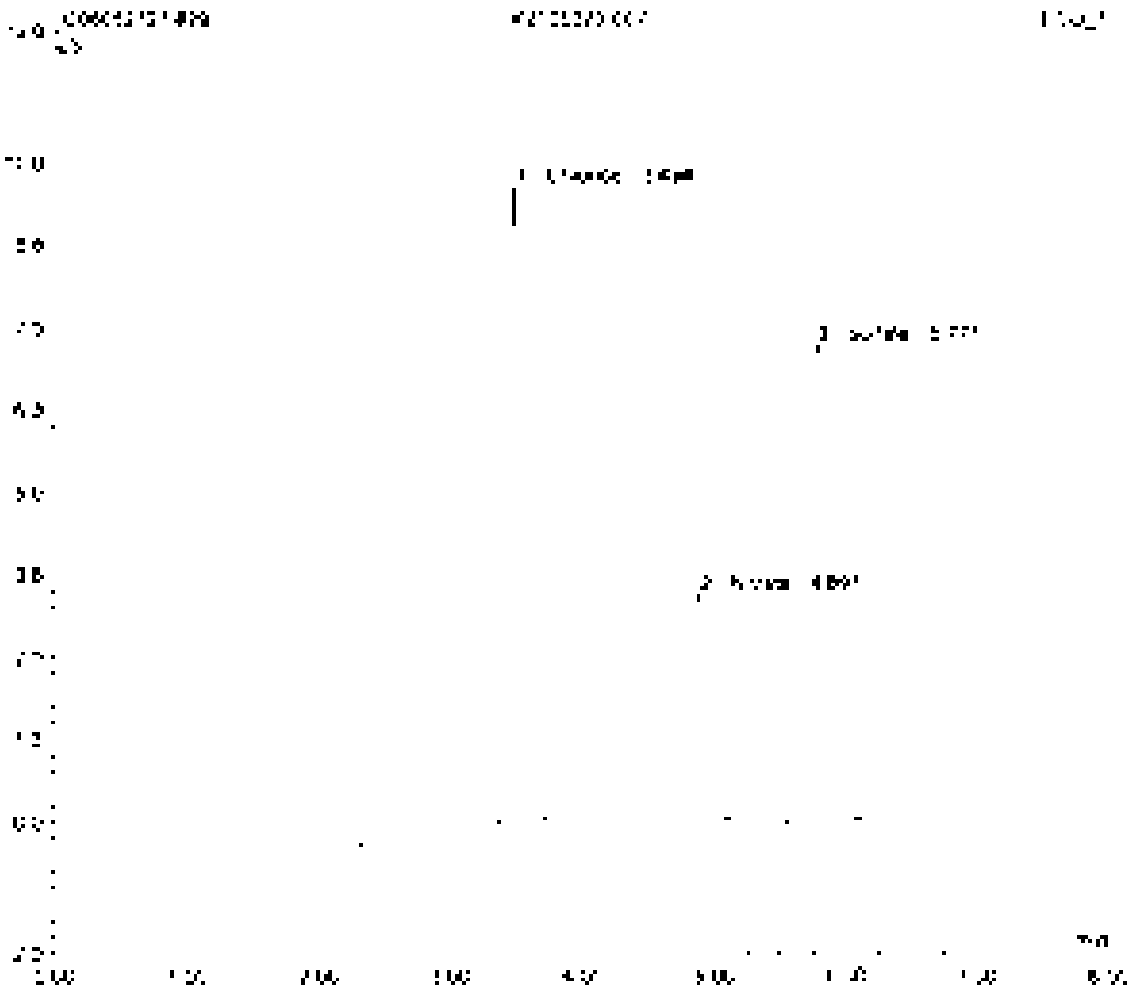
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
1	[illegible]	Chloride	BMD	[illegible]	[illegible]	[illegible]
2	[illegible]	Nitrate	BMD	[illegible]	[illegible]	[illegible]
3	[illegible]	Sulfate	BMB	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



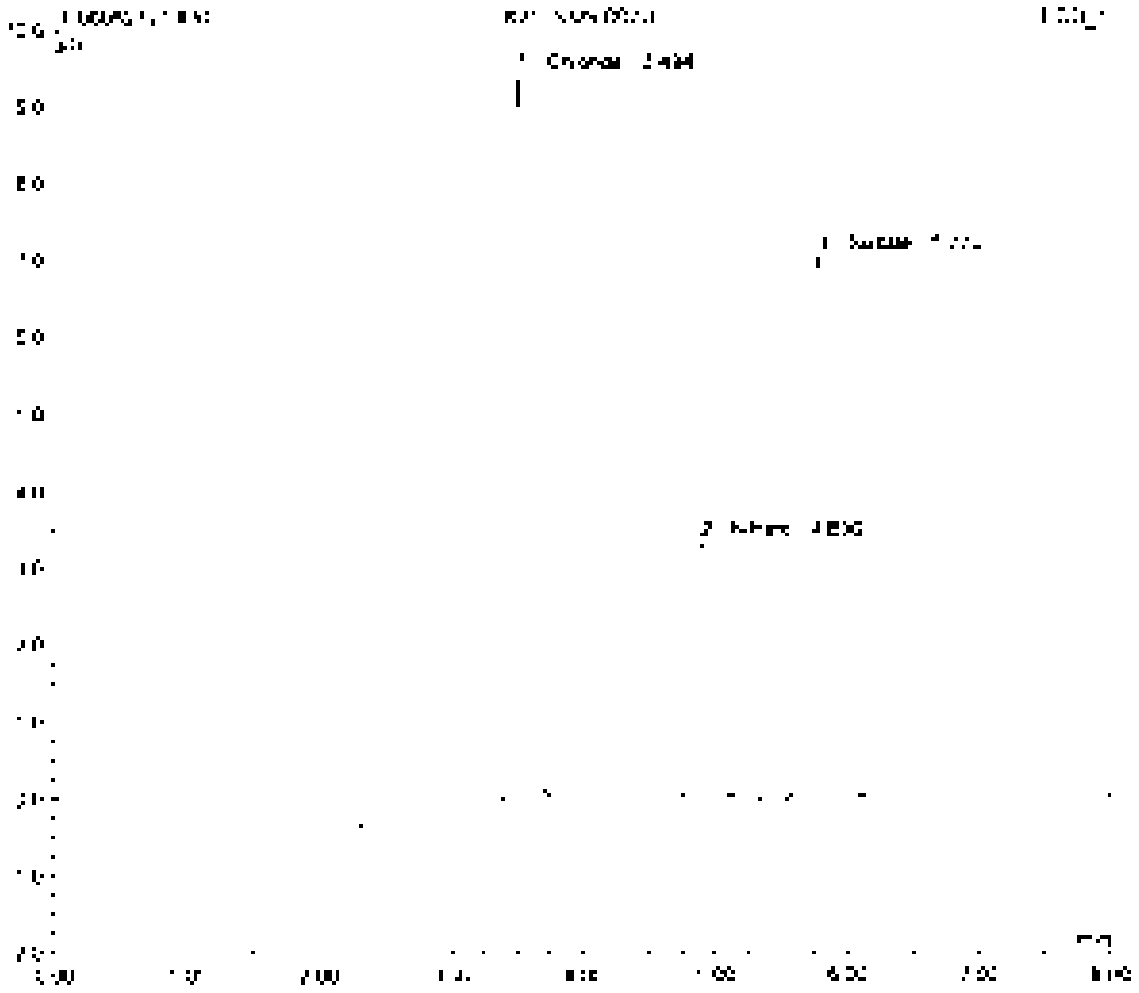
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Index	[illegible]

Inj	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]				[illegible]	[illegible]	[illegible]



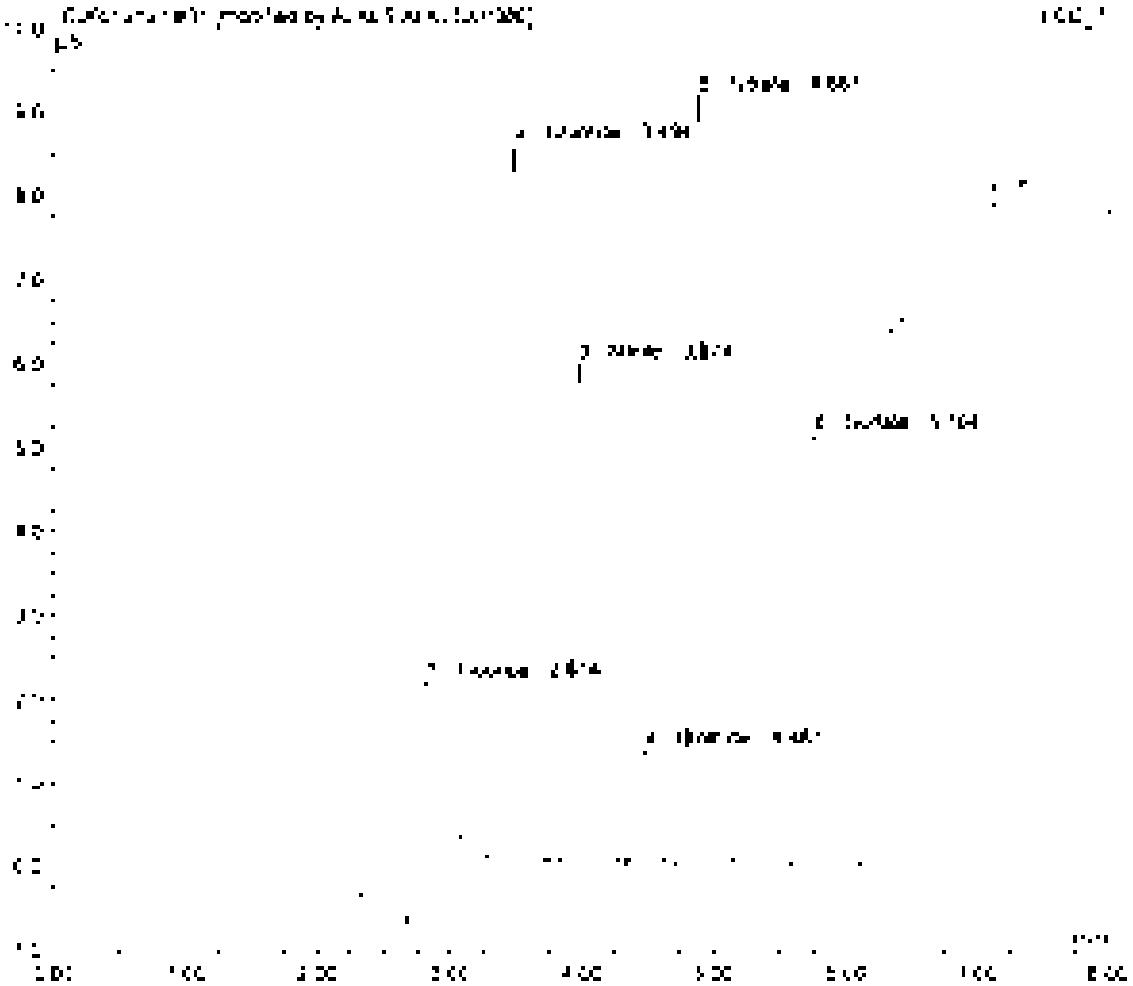
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n/a
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	Chloride	BMB	[illegible]	[illegible]	[illegible]
2	[illegible]	Nitrate	BMB	[illegible]	[illegible]	[illegible]
3	[illegible]	Sulfate	BMB	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



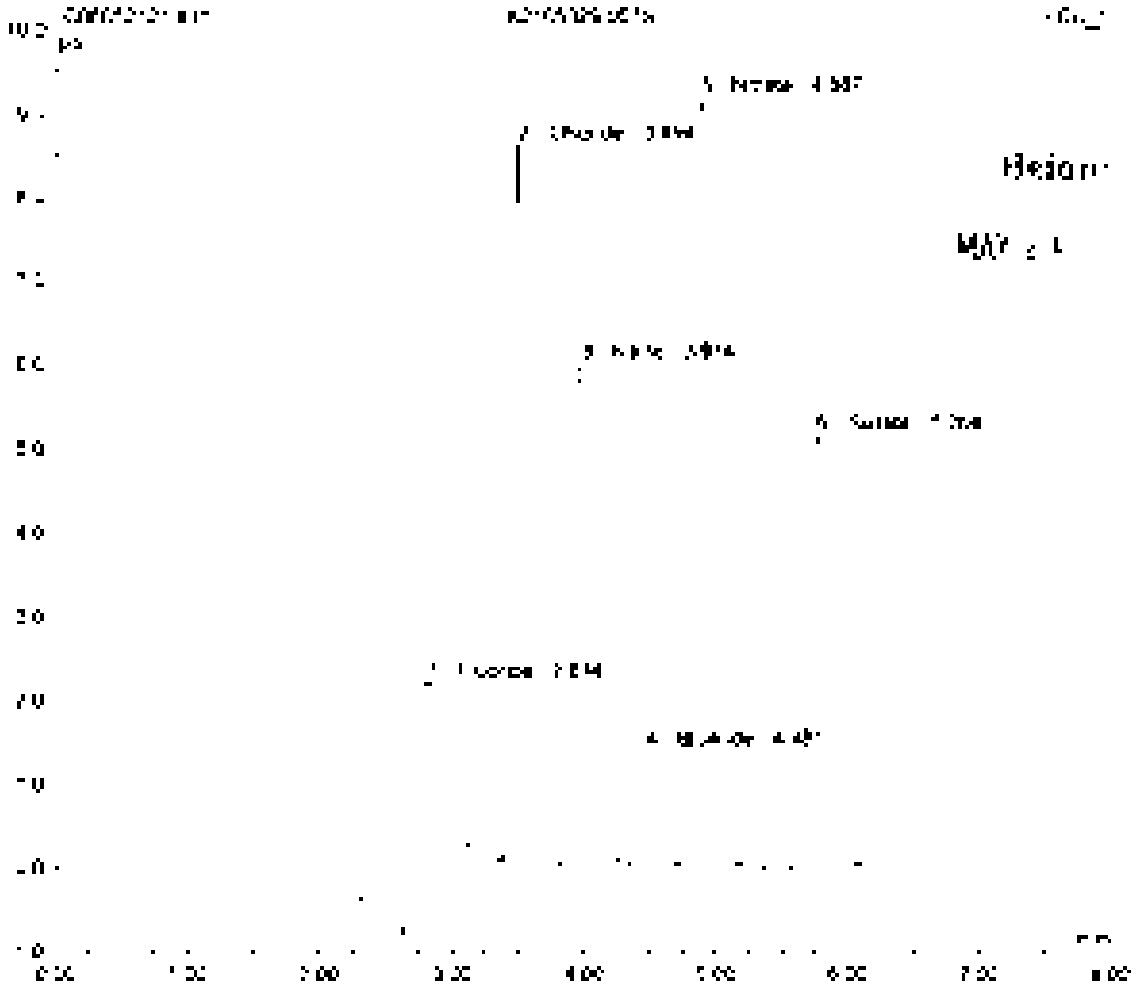
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



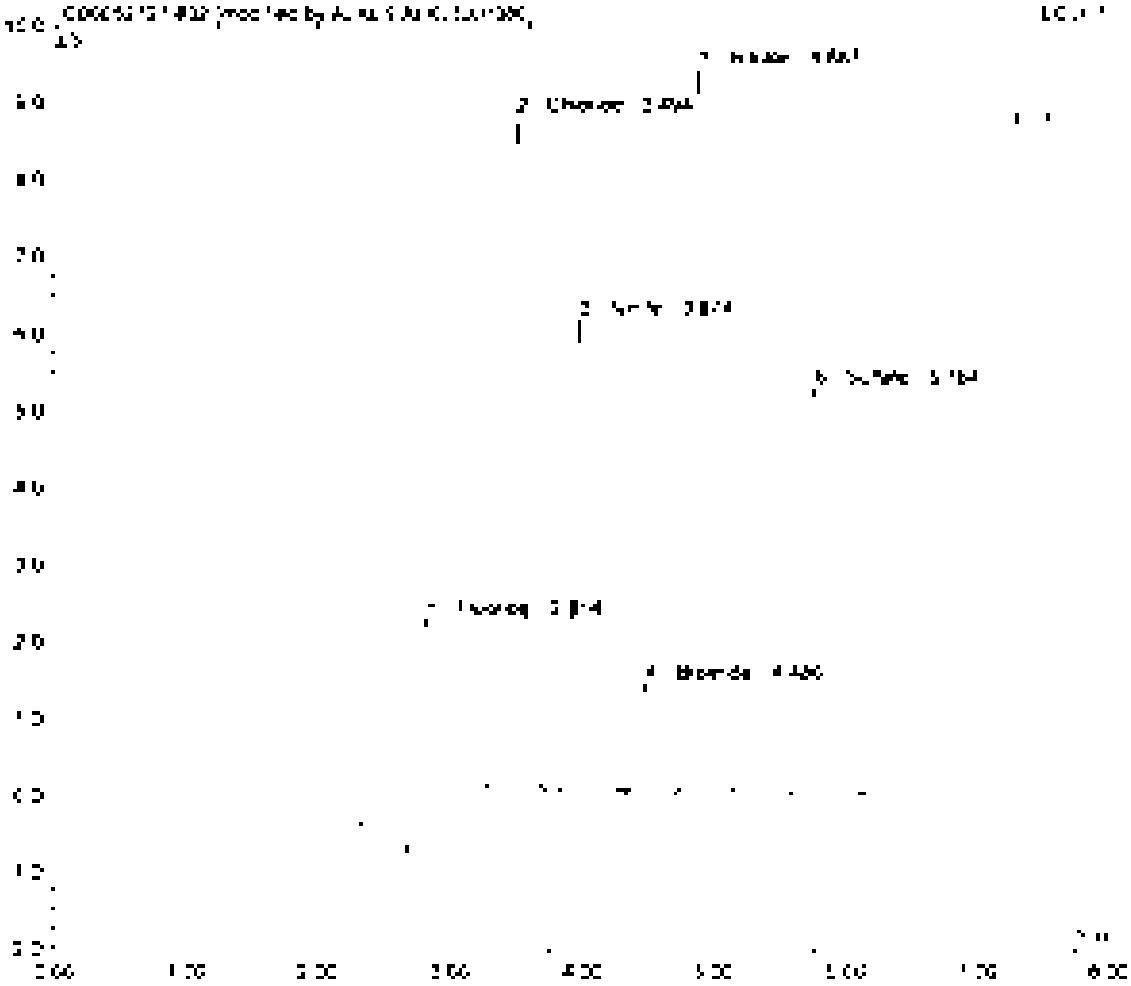
Sample Name	[illegible]	Inj Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]


Height
[illegible]
[illegible]
[illegible]

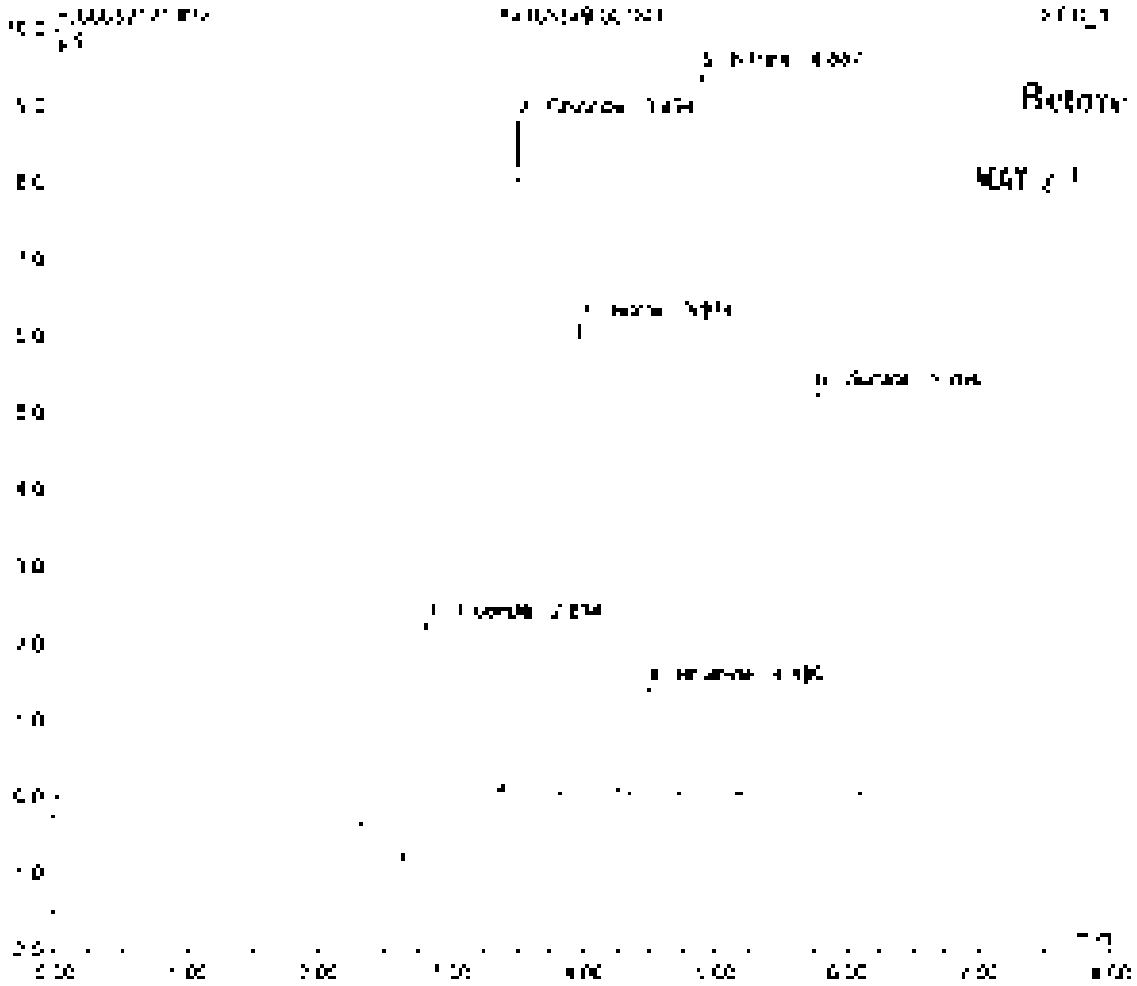
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



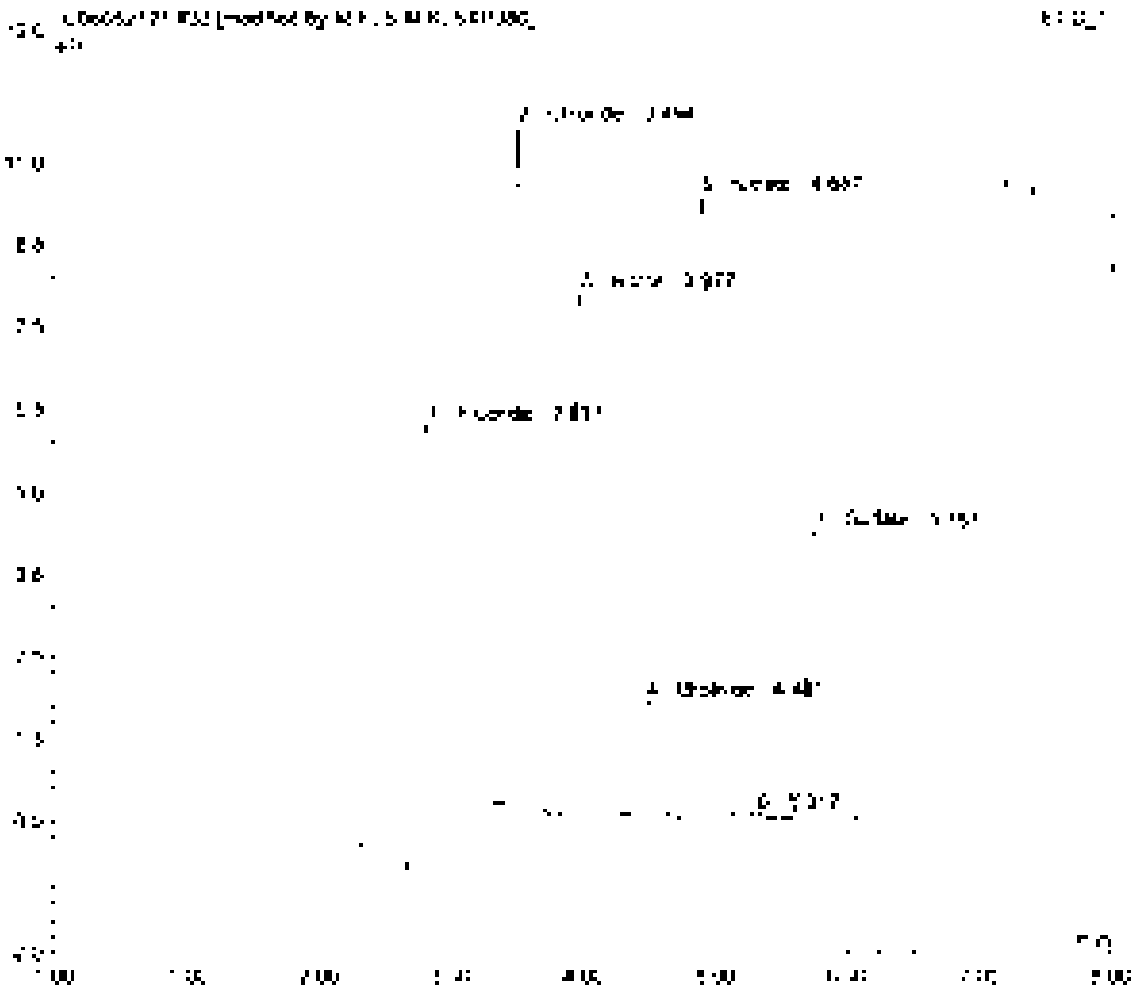
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]				[illegible]	[illegible]	[illegible]



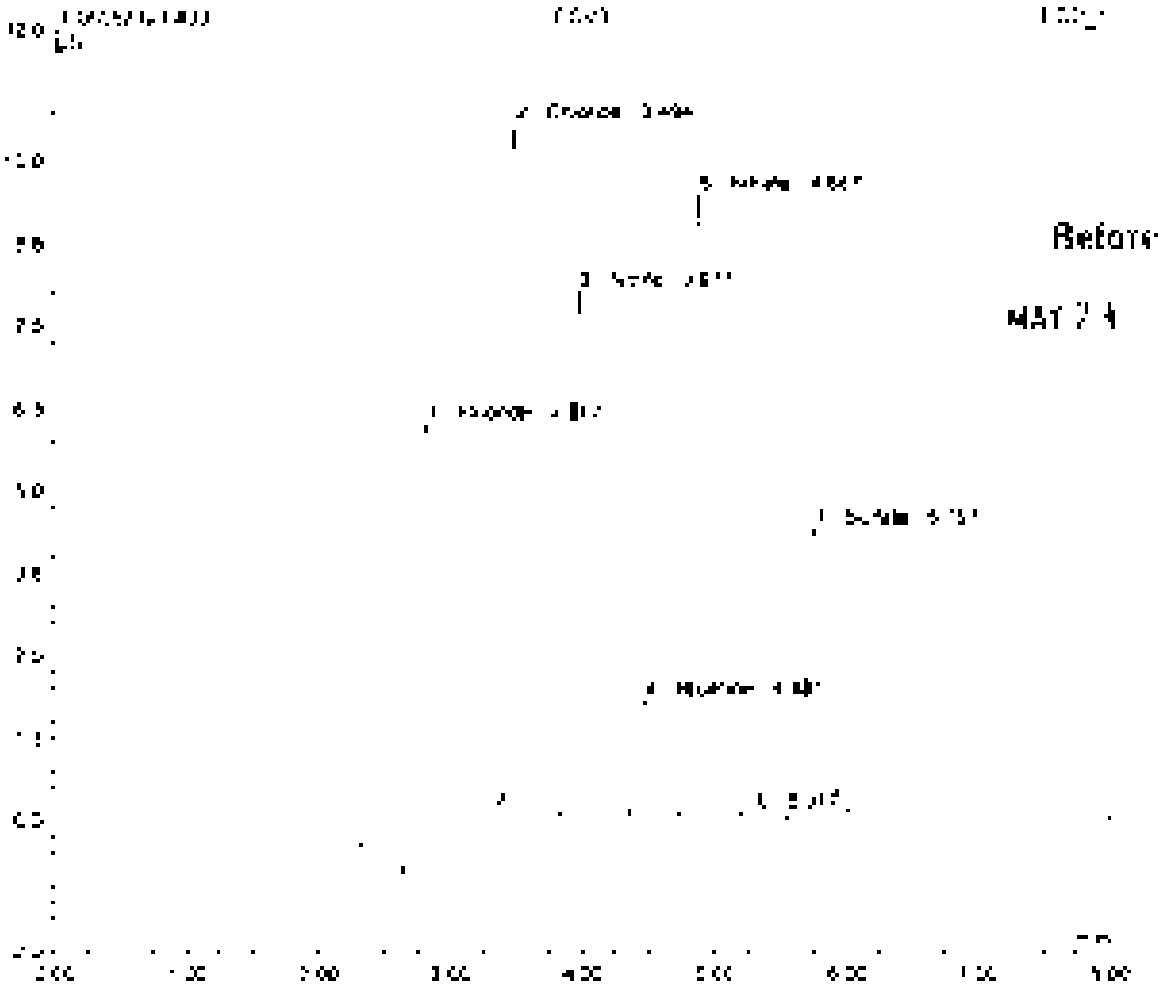
Sample Name	CCW	Inj. No	36 B
Sample Type	unknown	Dilution Factor	1.0000
Program	300_Bq	Operator	n.a.
Inj. Date-Time	21/05/21 10:44	Run Time	8.00

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



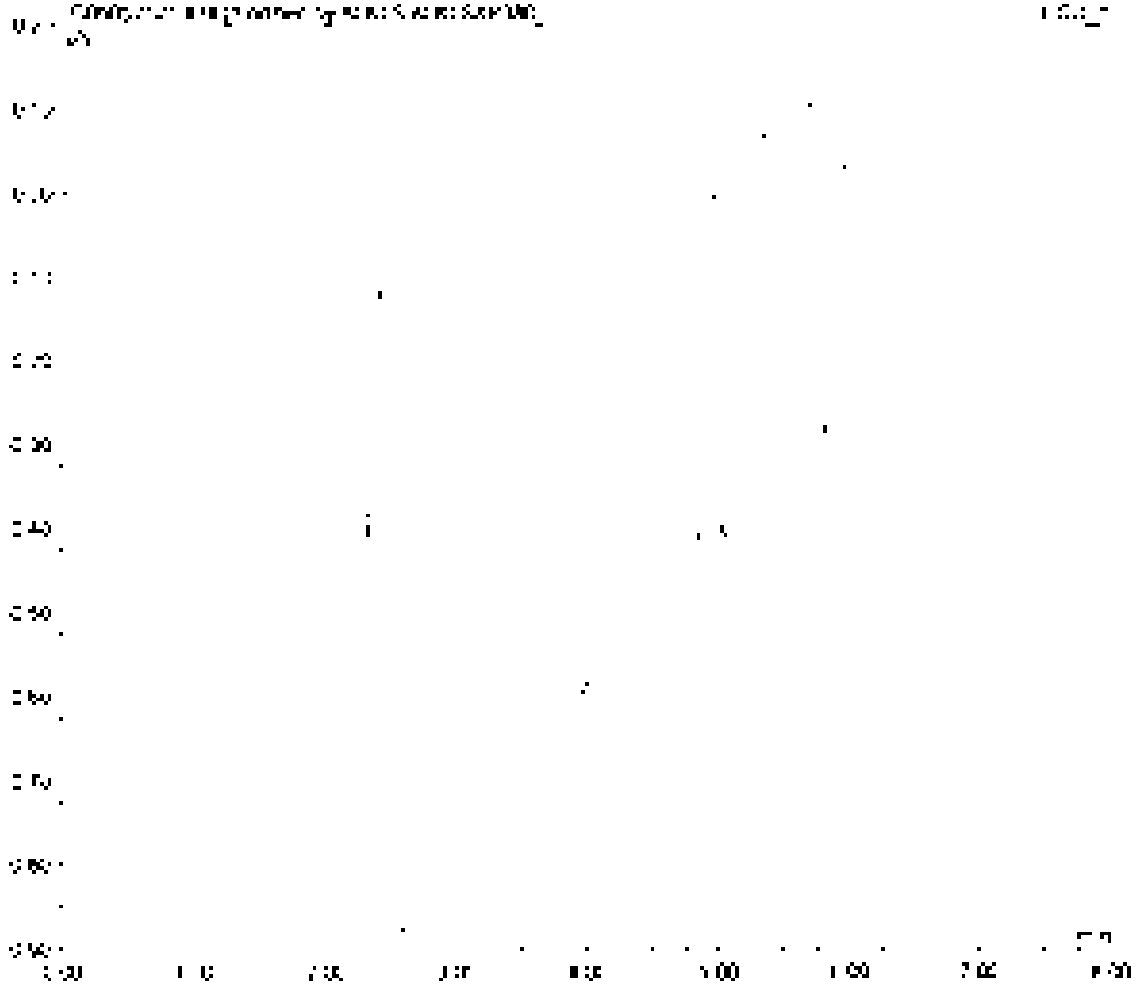
Sample Name	CCV3	Inj. Vol	20.0
Sample Type	unknown	Dilution Factor	1.0000
Program	300 dc	Operator	[illegible]
Inj. Date/Time	21/05/24 10:04	Run Time	4.00

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	BM	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	MH	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



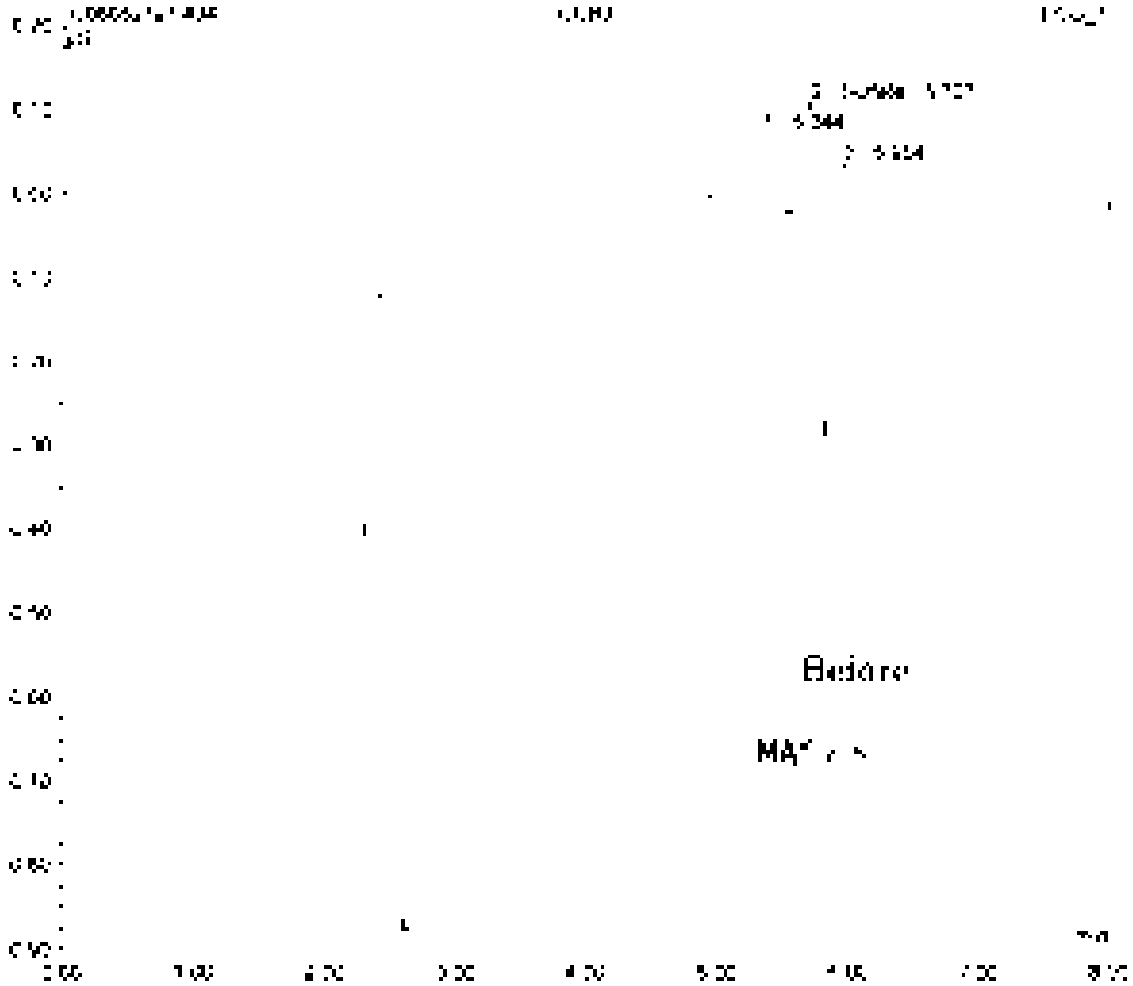
Sample Name	ICCB3	Inj. Vol	20 µ
Sample Type	unknown	Dilution Factor	1.0000
Program	300_lic	Operator	n.a.
Inj. Date/Time	21-05-21 16:16	Run Time	8.00

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
		TOTAL		0.00	0.00	0.00



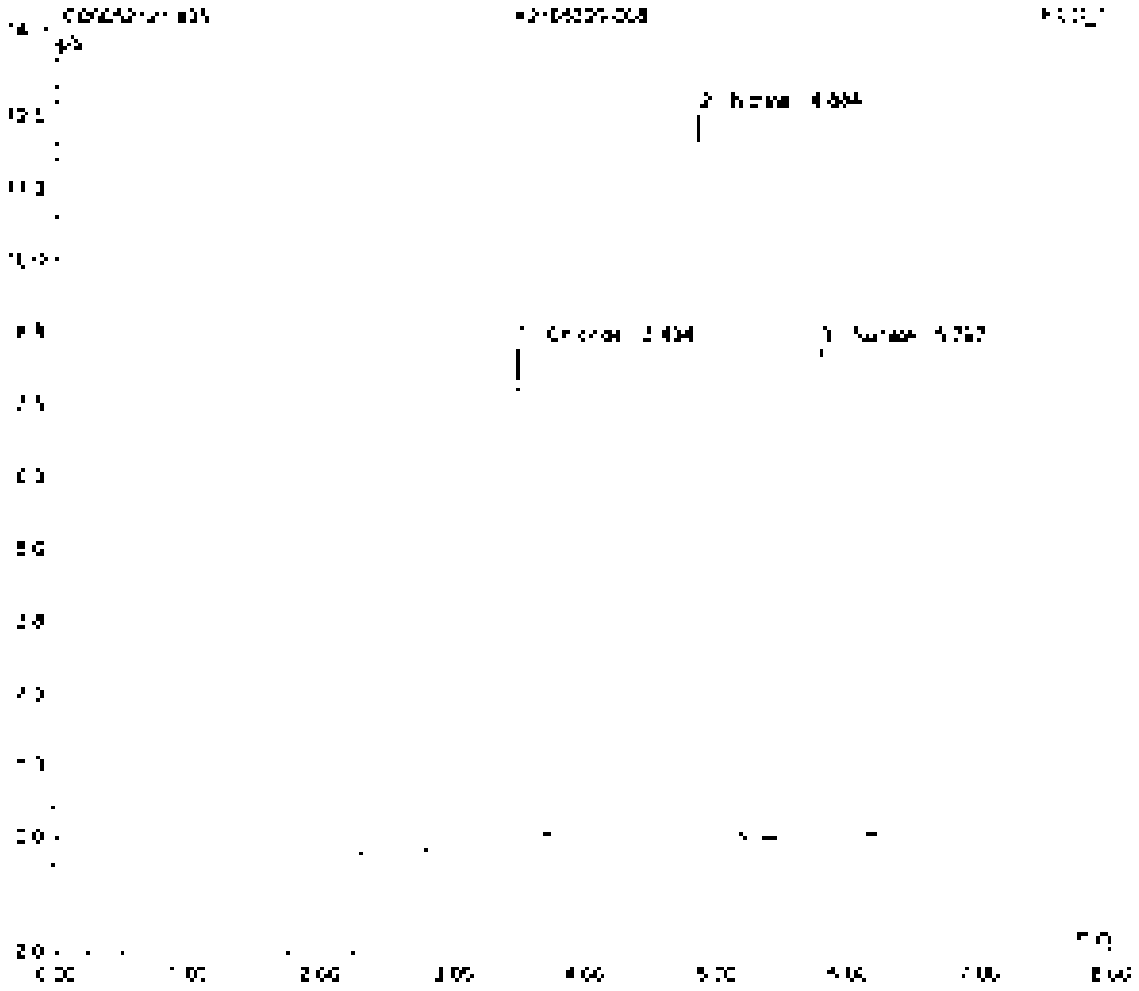
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	1.0000
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

Inj	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
[illegible]	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



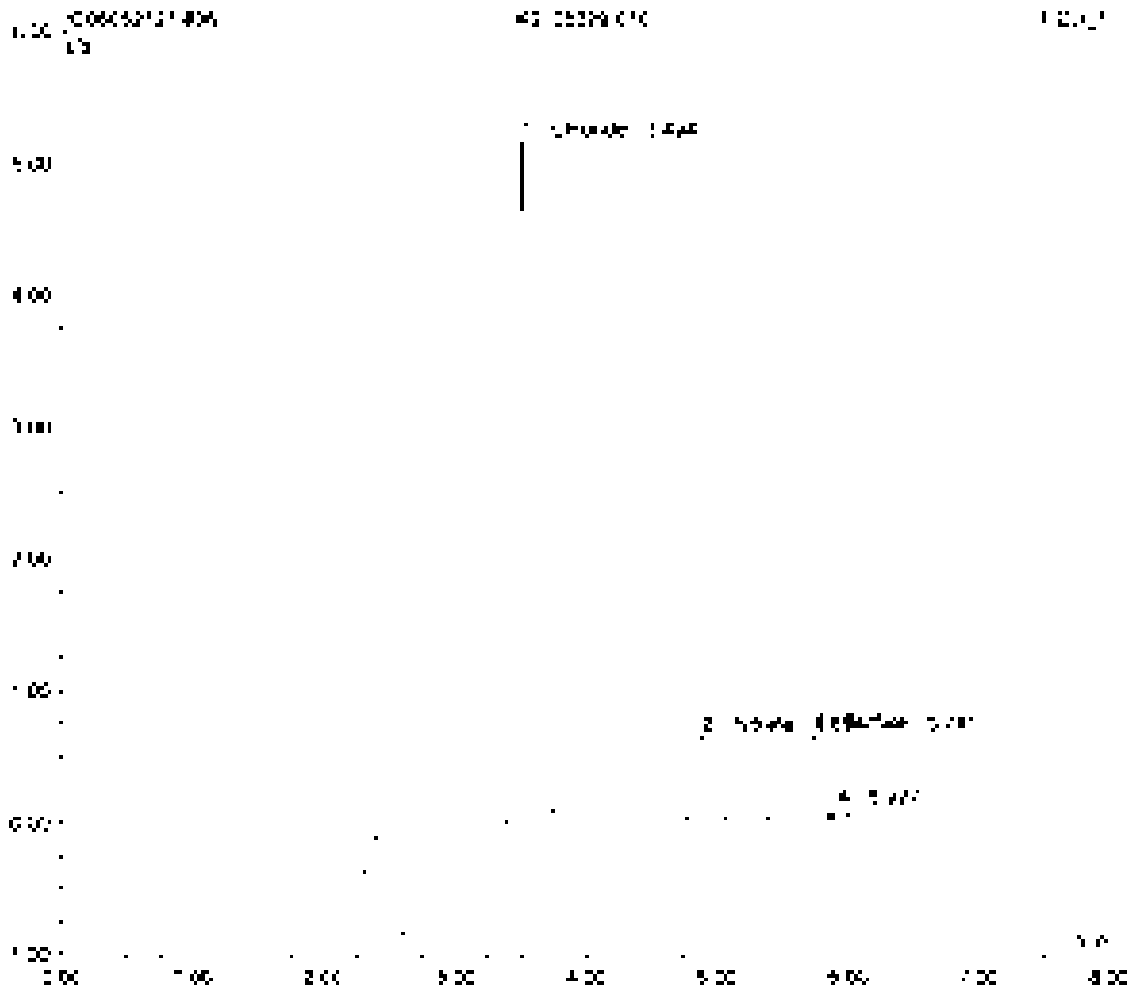
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time [min]	Peak Name	Type	Area [µS*min]	Height [µS]	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]


[illegible]
[illegible]
[illegible]

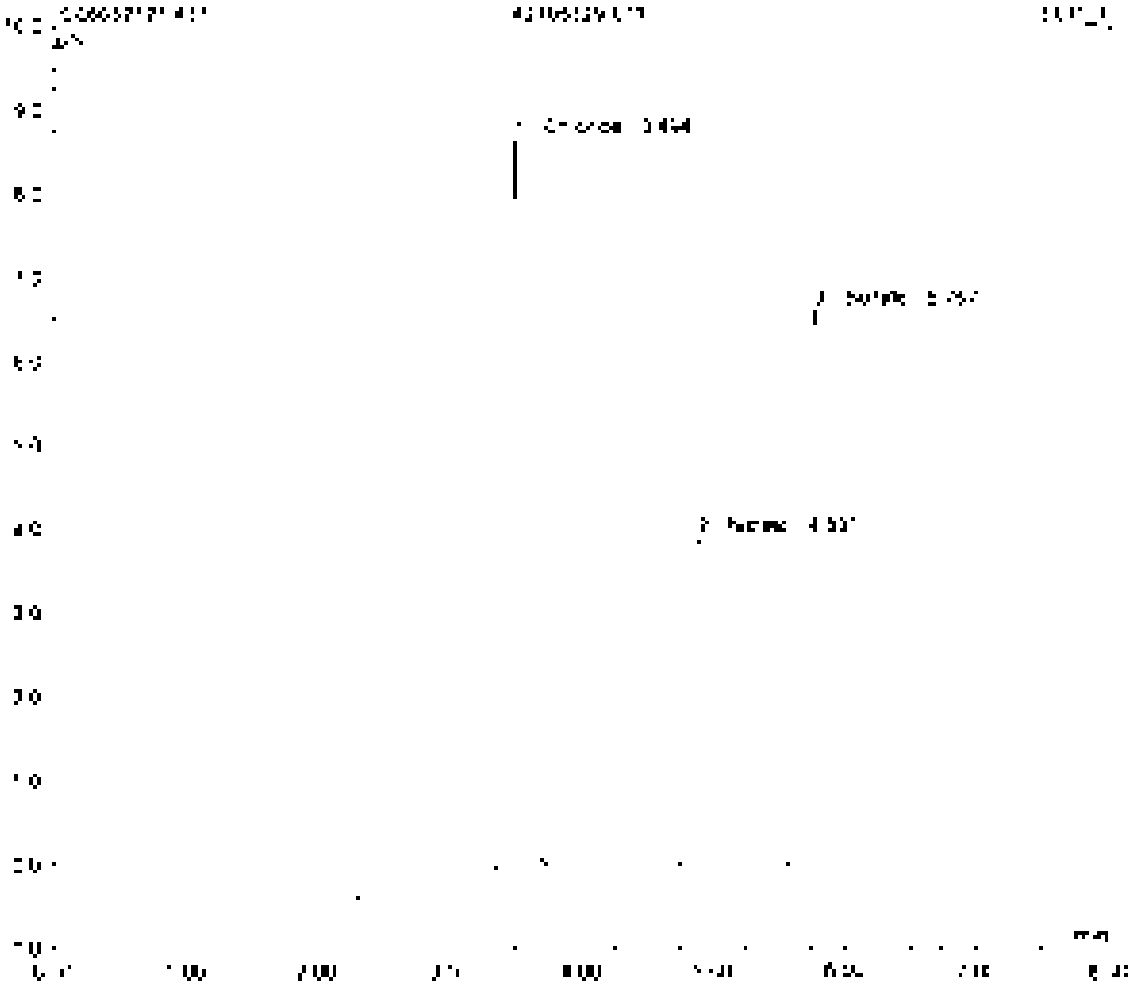
Sample Name	[illegible]	Injection	[illegible]
Sample Type	unknown	Column Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	21/05/21 [illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µV*min	Height µV	Amount
1	[illegible]	[illegible]	BMB	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	PMB	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	BMB	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



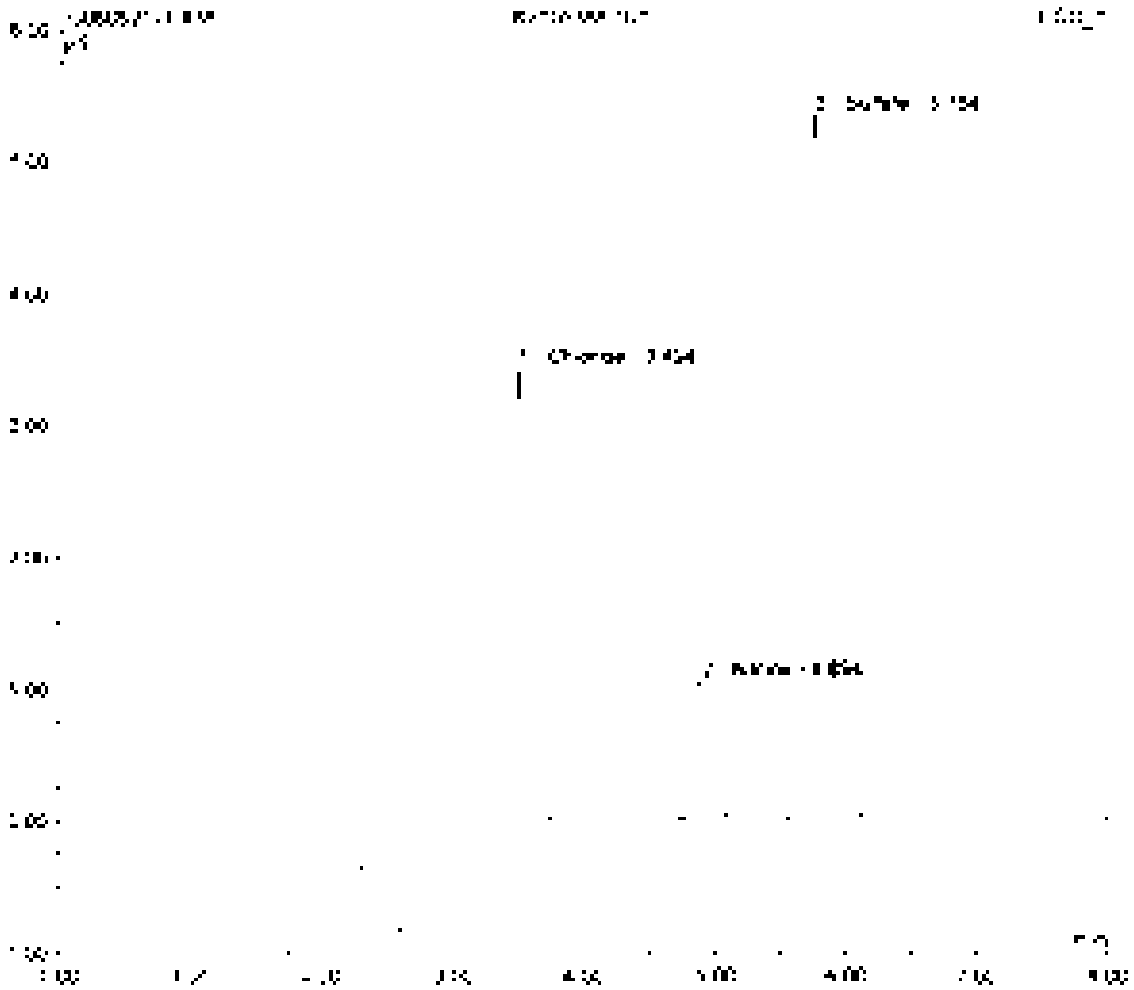
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	Chloride	BMB	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	Nitrate	BMB	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	Sulfate	BMB	[illegible]	[illegible]	[illegible]
		Total:		[illegible]	[illegible]	[illegible]



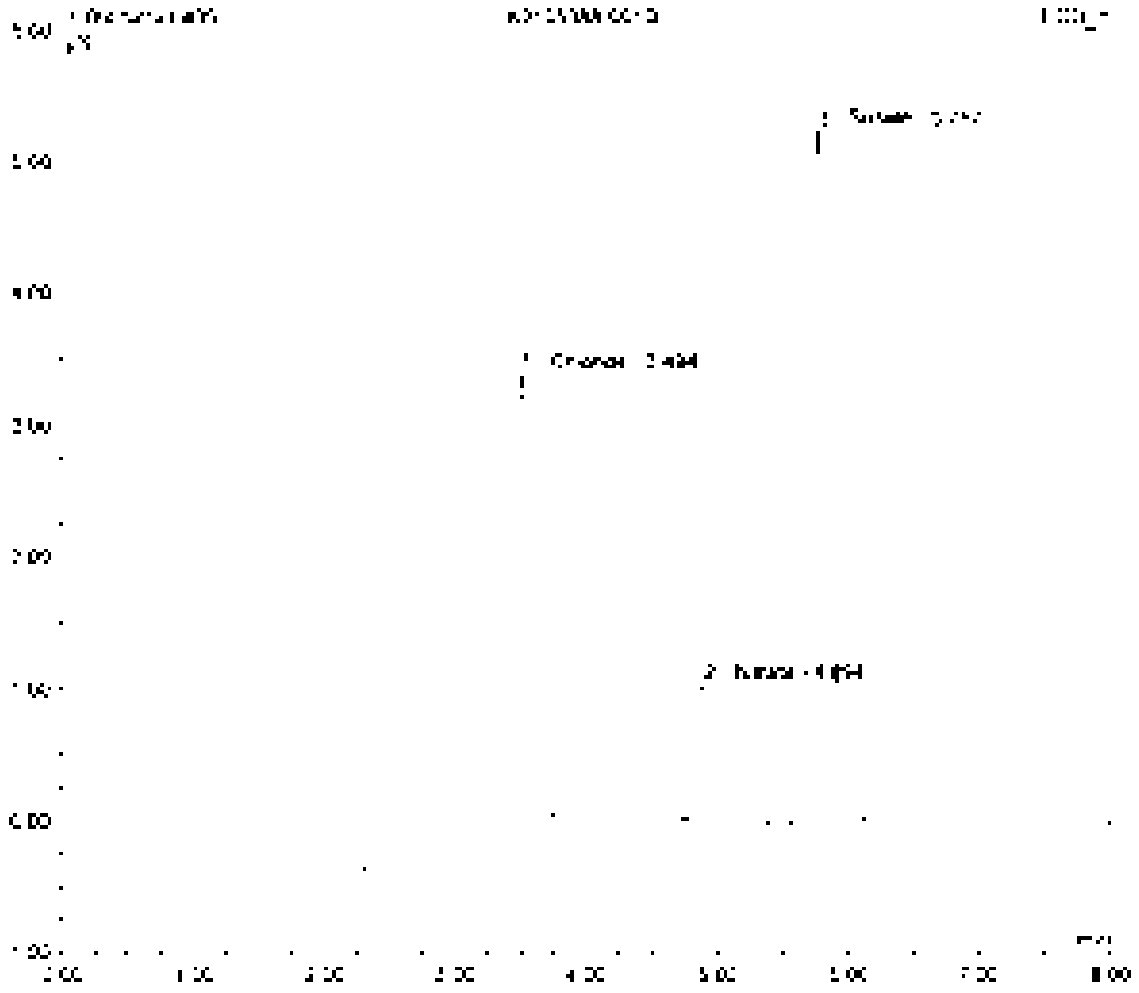
Sample Name	[illegible]	Inj. No	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



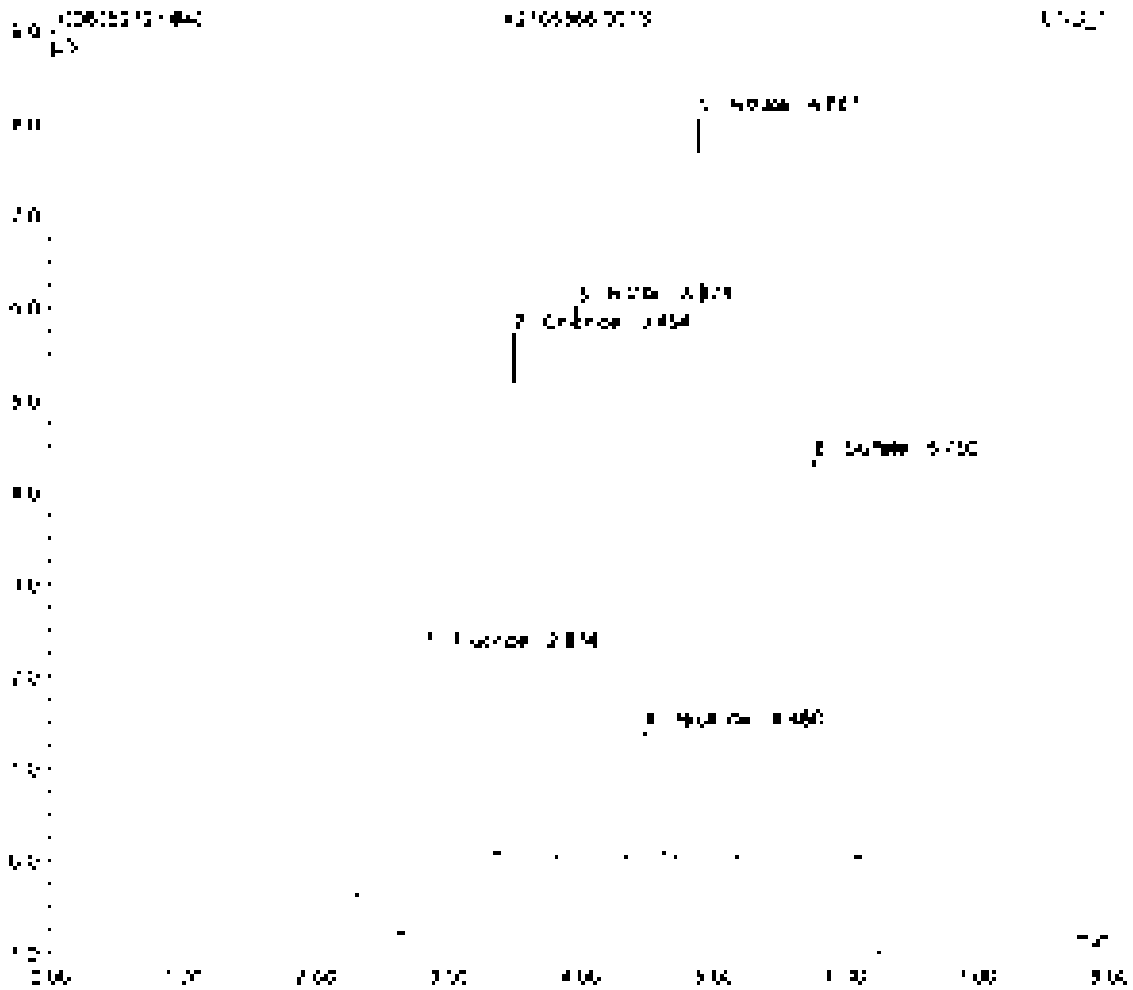
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time [min]	Peak Name	Type	Area [µS*min]	Height [µS]	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]


[illegible]
[illegible]
[illegible]

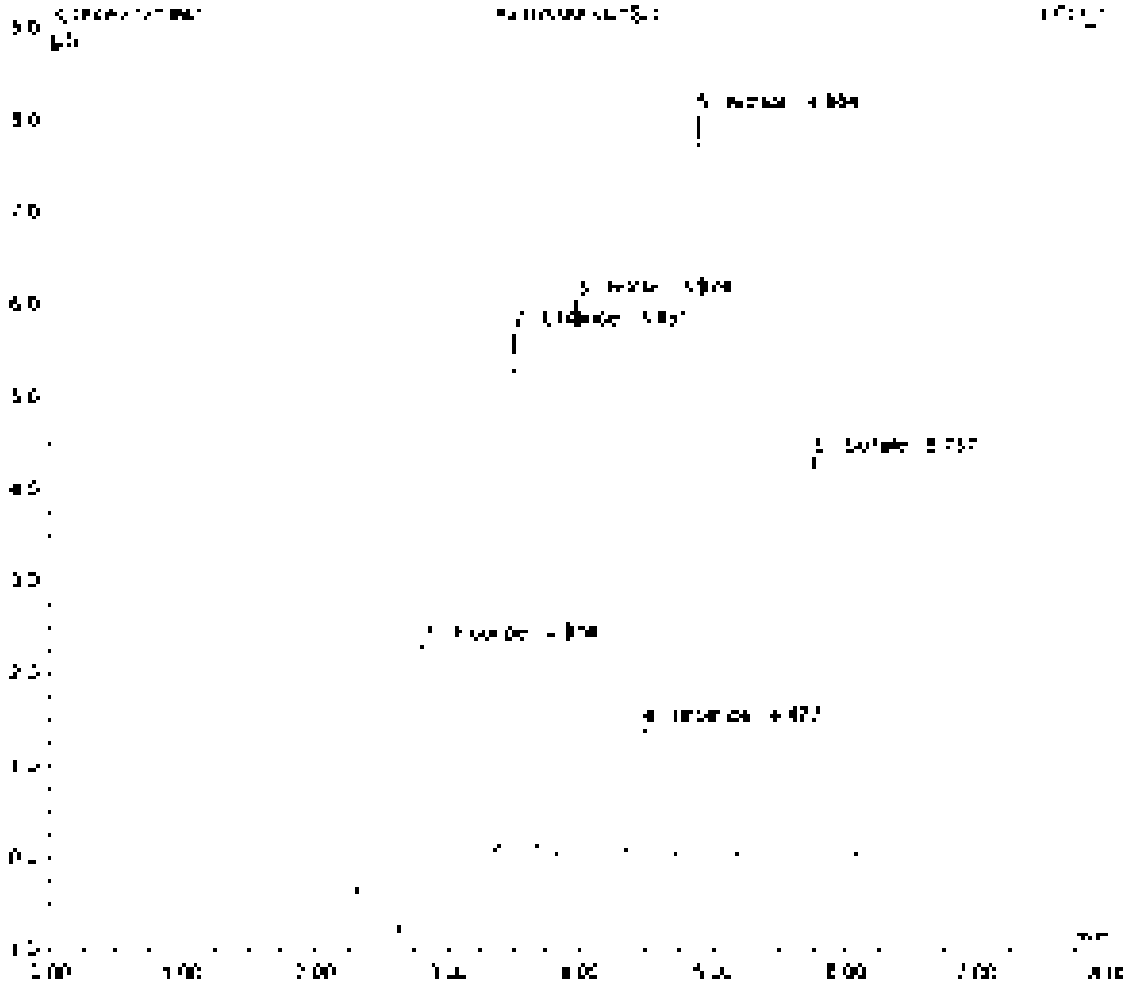
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount µg/L
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



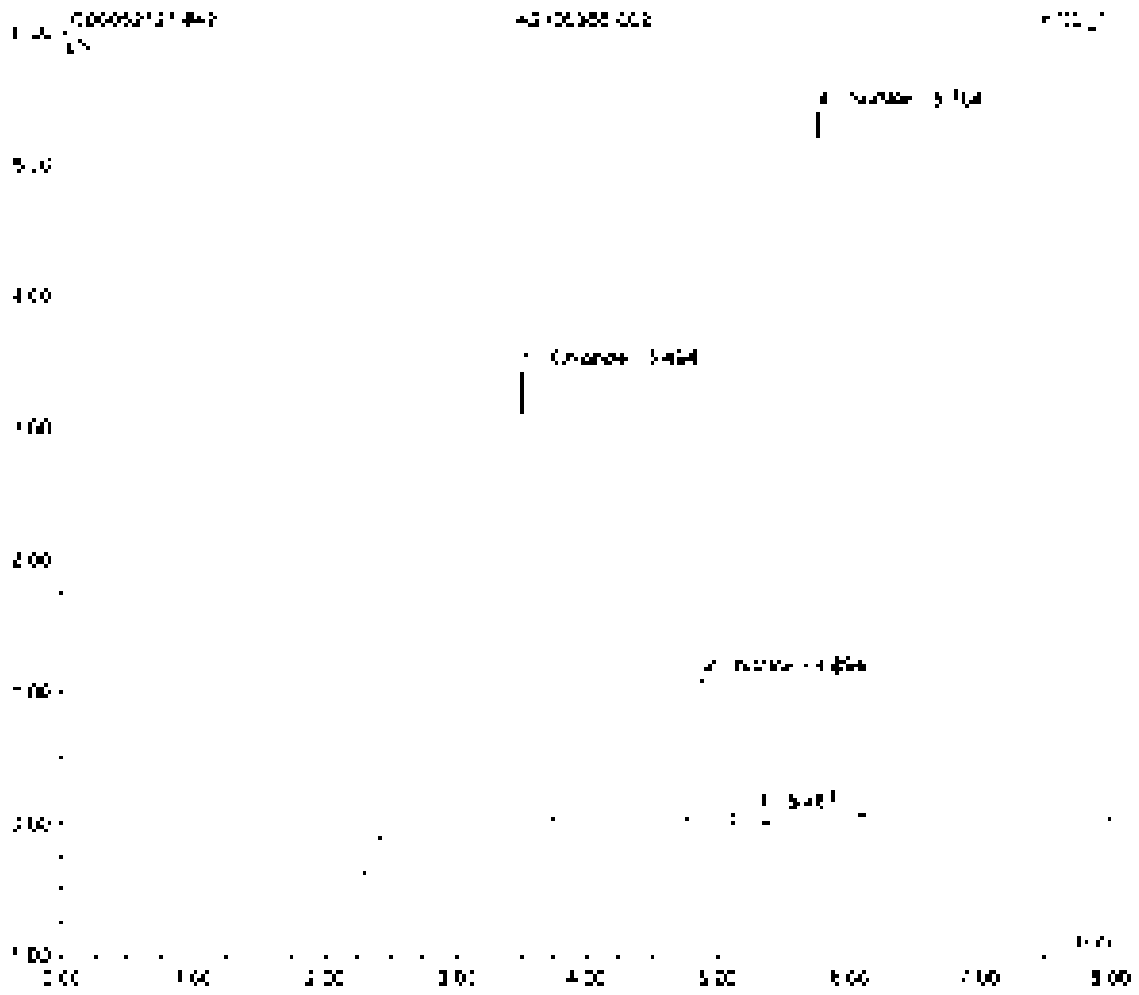
Sample Name	KH06389-061BO	Inj. Vol	20µl
Sample Type	unknown	Dilution Factor	10.0000
Program	366 dc	Operator	n/a
Inj. Date/Time	21/06/21 16:41	Run Time	1.00

No	Time min	Peak name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	BM	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	VM	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	BMB	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]

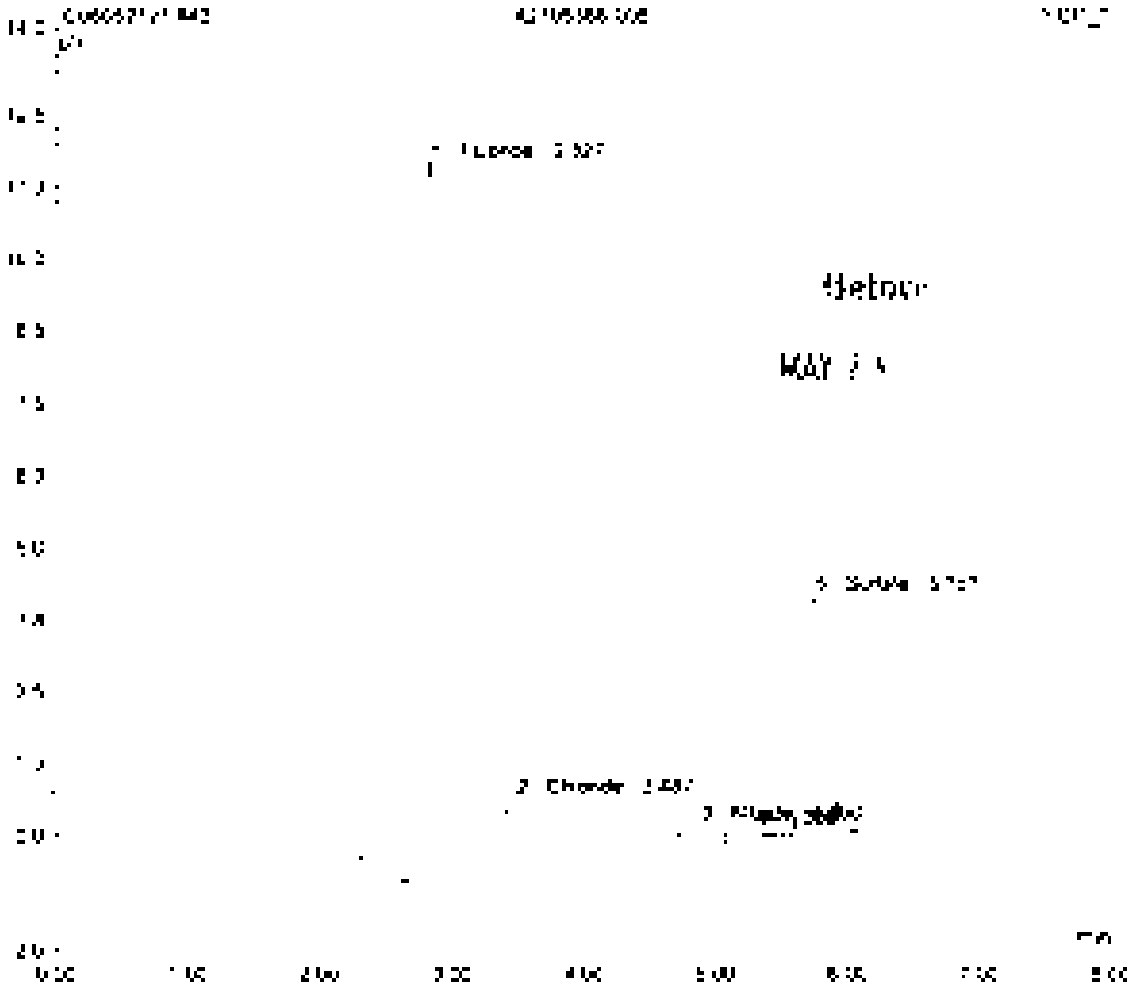


Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Quantity	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]

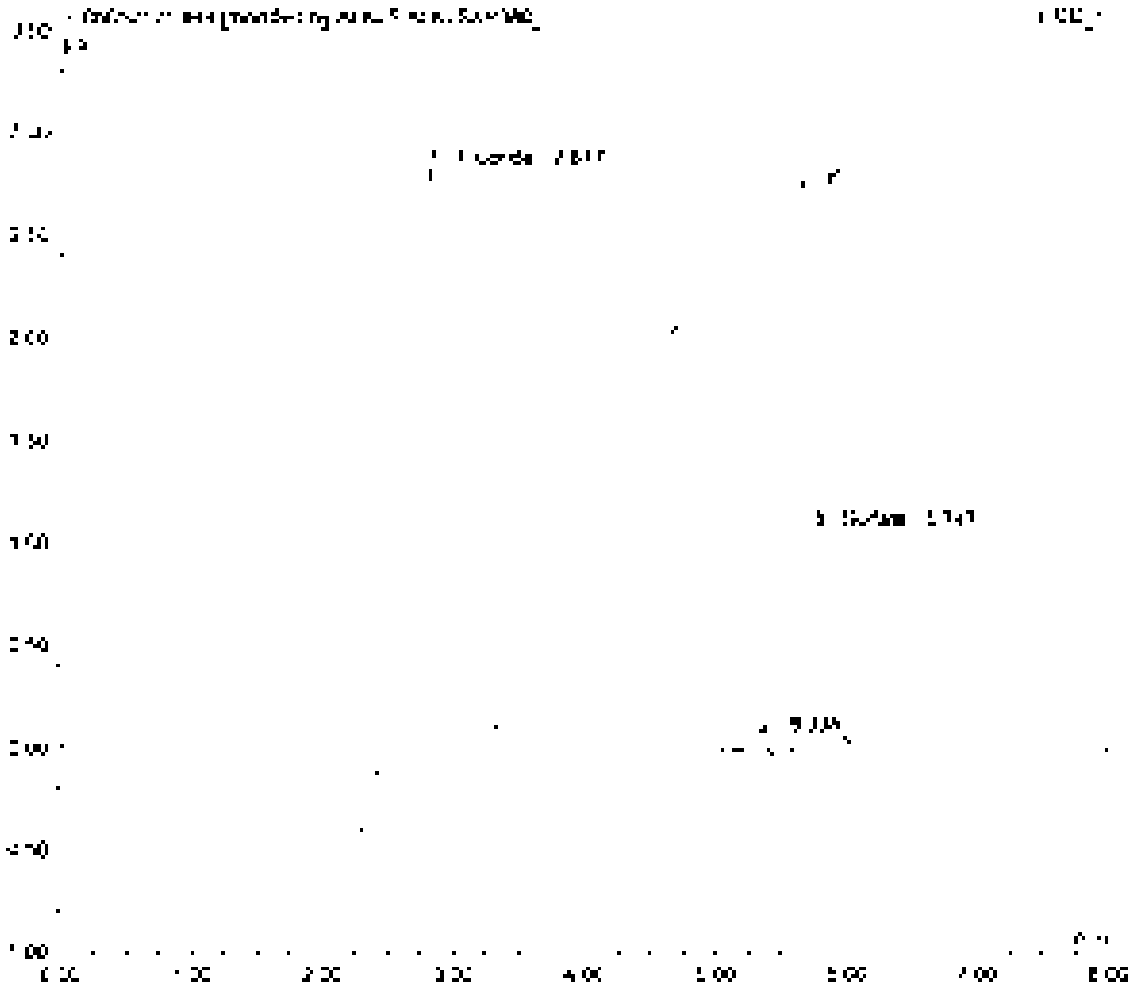
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



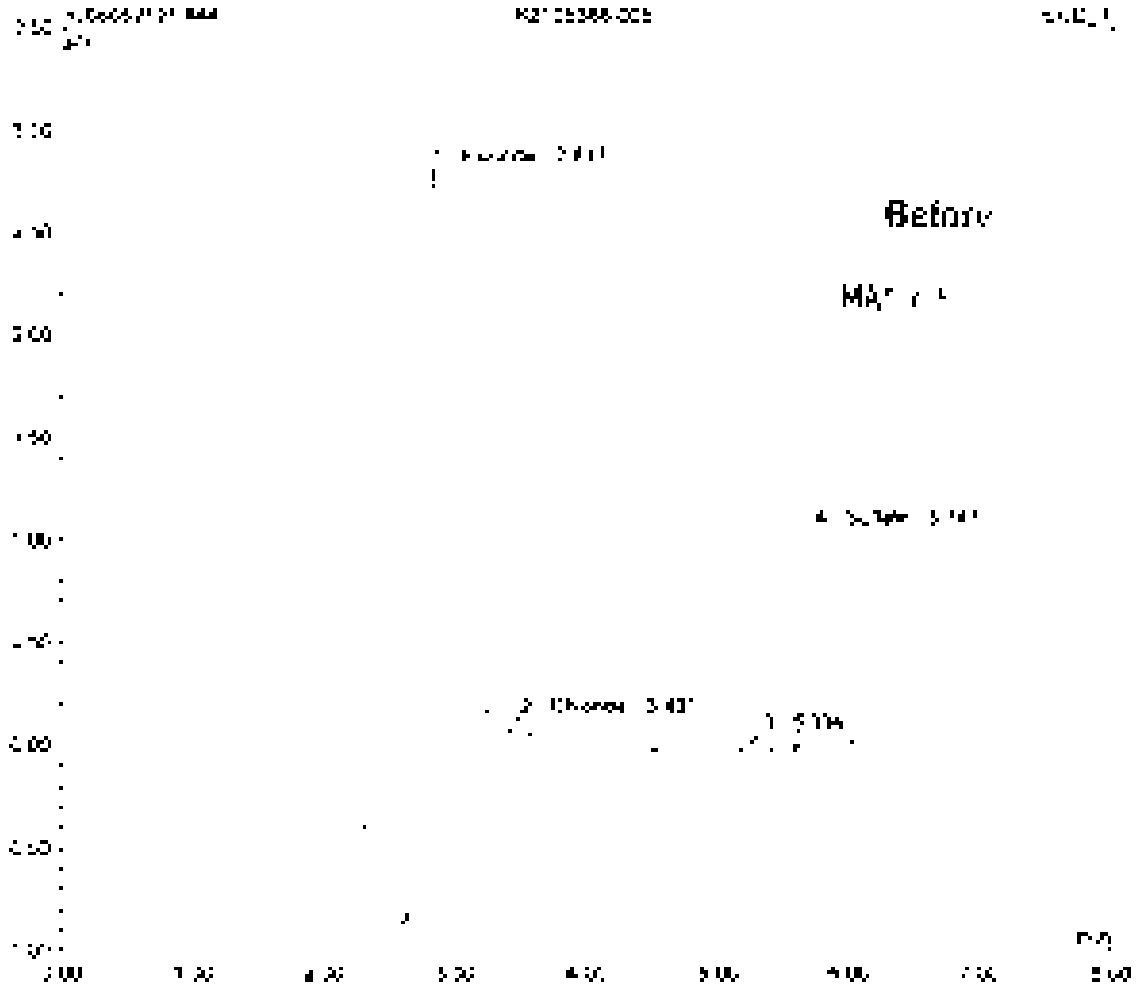
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



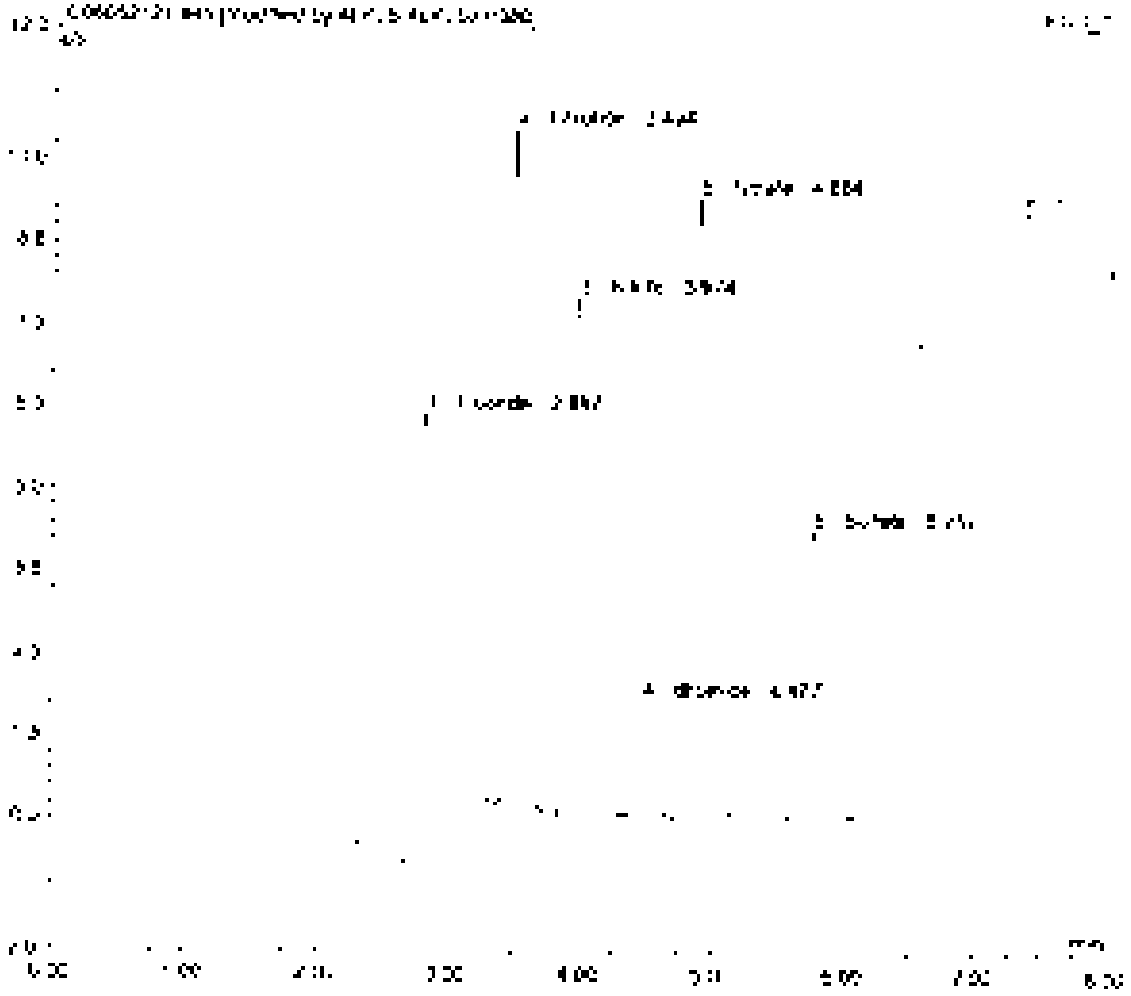
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



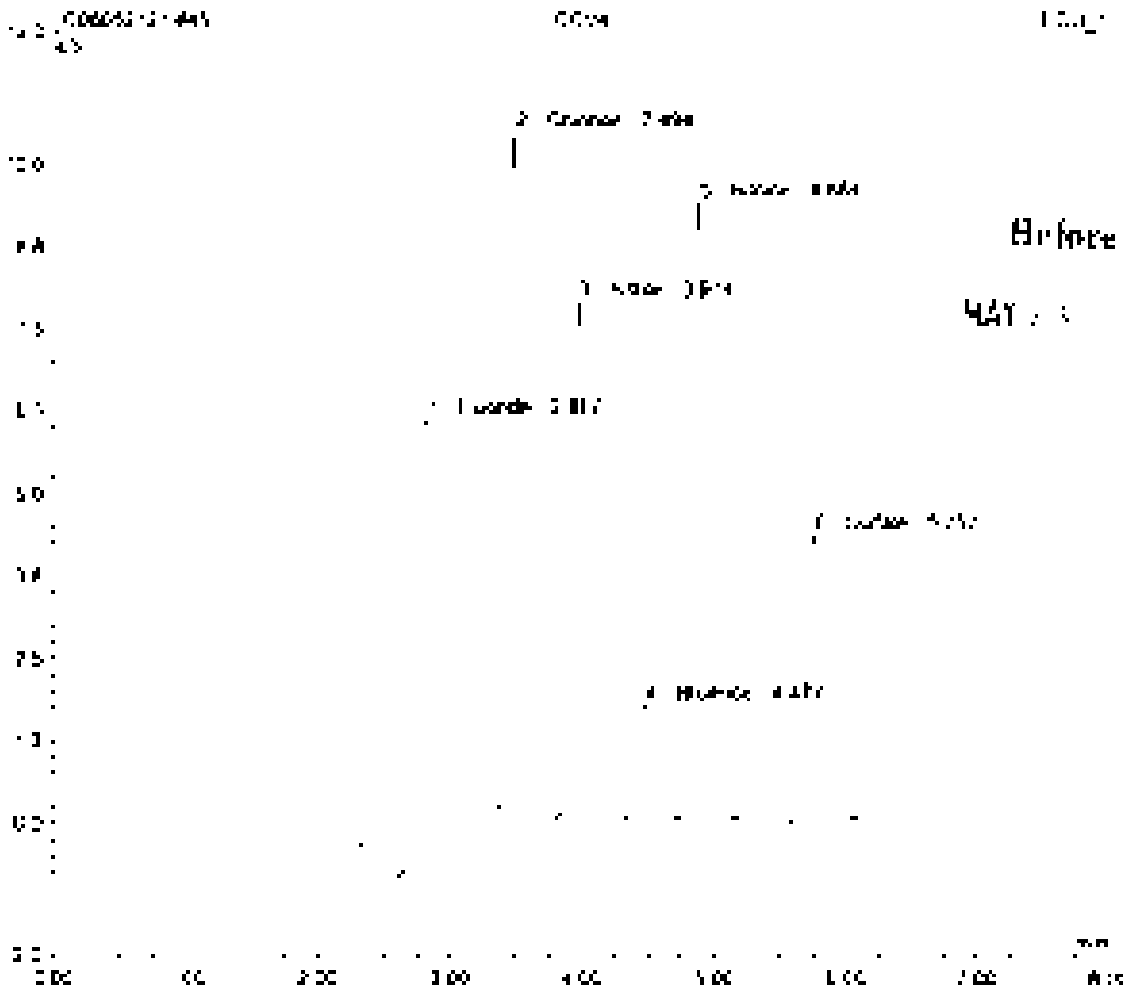
Sample Name	CCV4	Inj. Vol	20.0
Sample Type	unknown	Dilution Factor	1.0000
Program	300 Qc	Operator	n.a
Inj. Date/Time	2/19/2021 20:22	Rec. Time	0.00

No	Time min	Peak name	Type	Area µS*min	Height µS	Amount
1	2.87	Fluoride	BMB	[illegible]	[illegible]	[illegible]
2	3.45	Chloride	BMB	[illegible]	[illegible]	[illegible]
3	[illegible]	Nitrite	BMB	[illegible]	[illegible]	[illegible]
4	4.48	Bromide	BMB	[illegible]	[illegible]	[illegible]
5	4.69	Nitrate	BMB	[illegible]	[illegible]	[illegible]
6	[illegible]	Sulfate	BMB	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



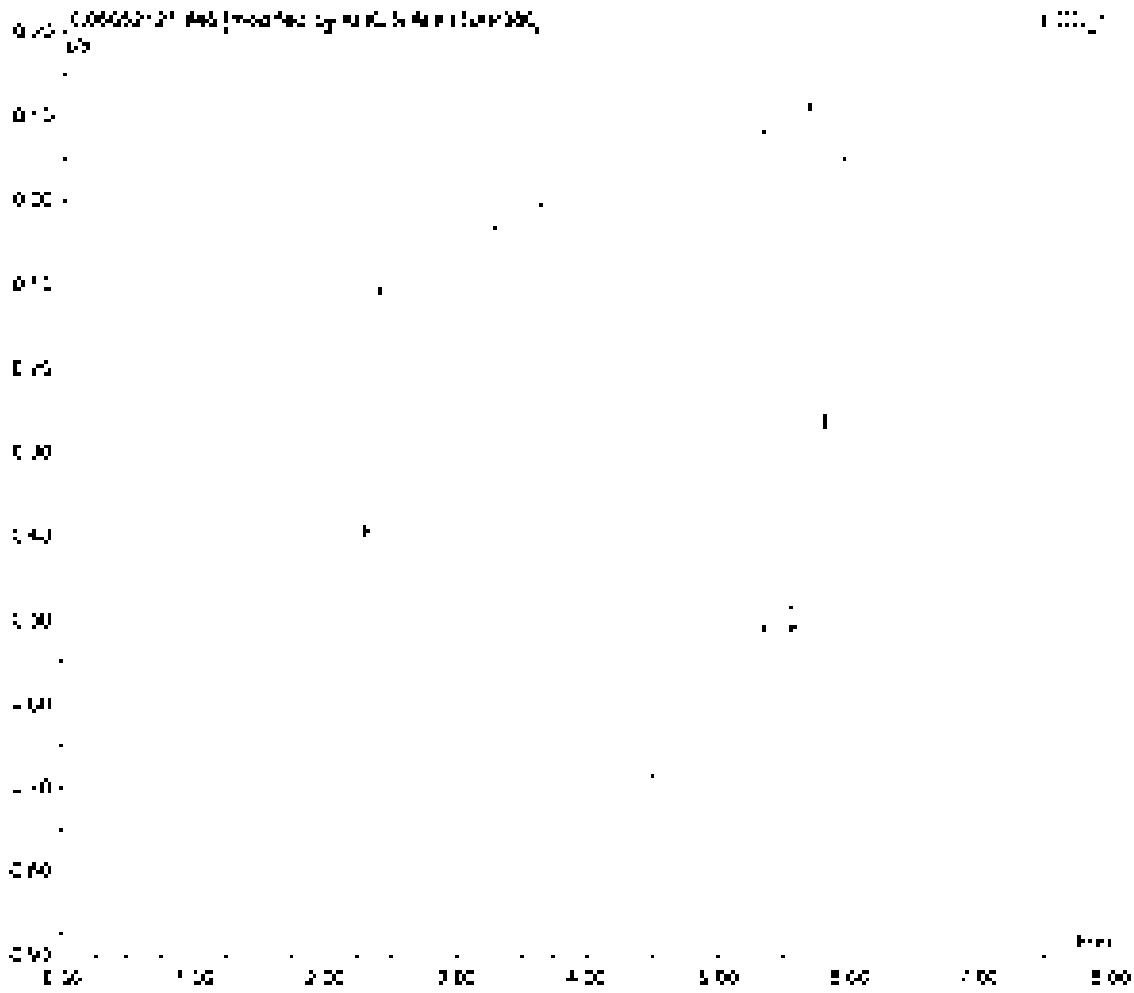
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	1.0000
Program	[illegible]	Operator	n/a
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time (min)	Peak Name	Type	Area (µS*min)	Height (µS)	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]


Chloride
Nitrate
Sulfate
Phosphate
Fluoride
Nitrite
Bromide
Acetate
Formate
Chlorate
Chlorite
Bromate
Iodide
Thiocyanate
Thiosulfate
Cyanide
Sulfite
Azide
Cyanate
Iodate
Perchlorate
Perchlorate
Perchlor

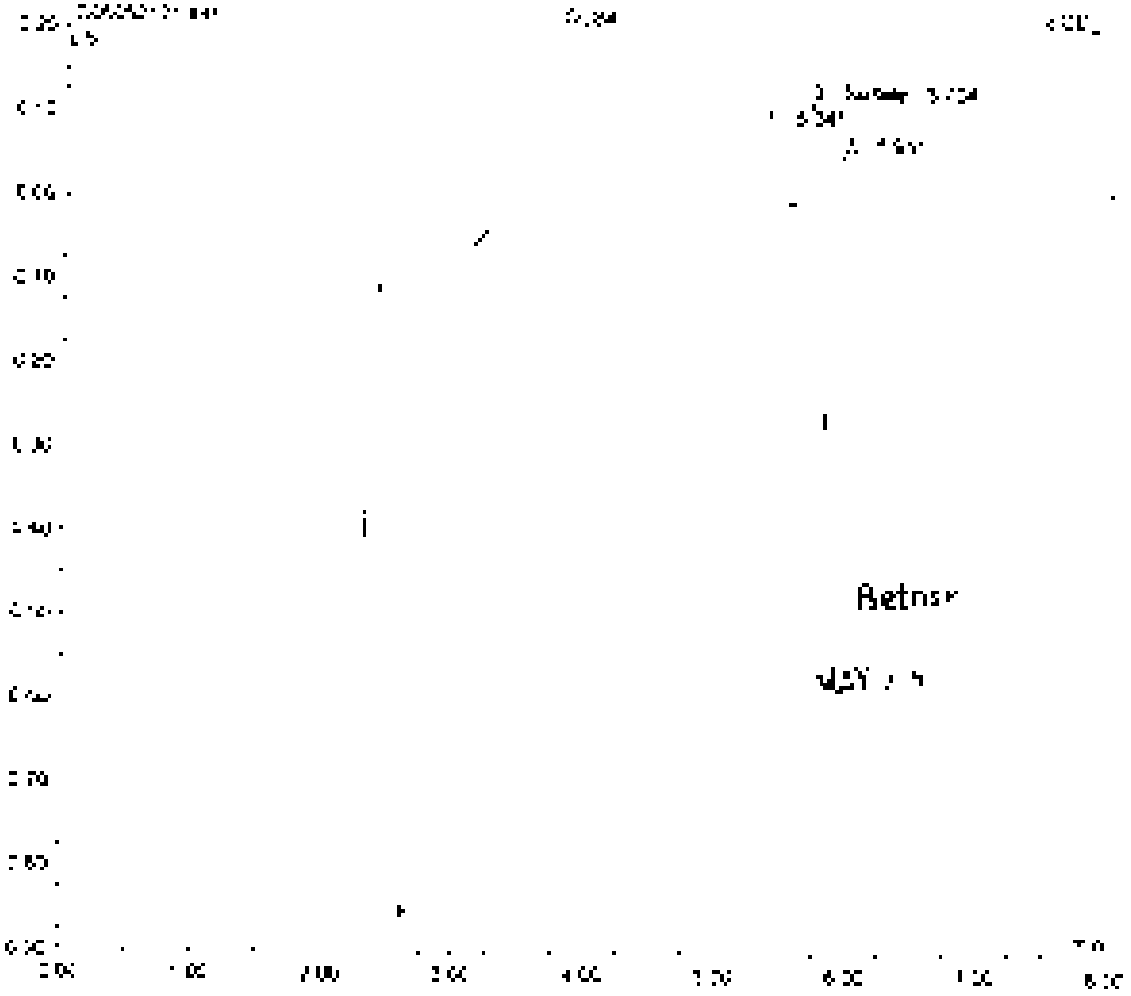
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	1.[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time [min]	Peak Name	Type	Area [µS*min]	Height [µS]	Amount
		TOTAL		[illegible]	[illegible]	[illegible]



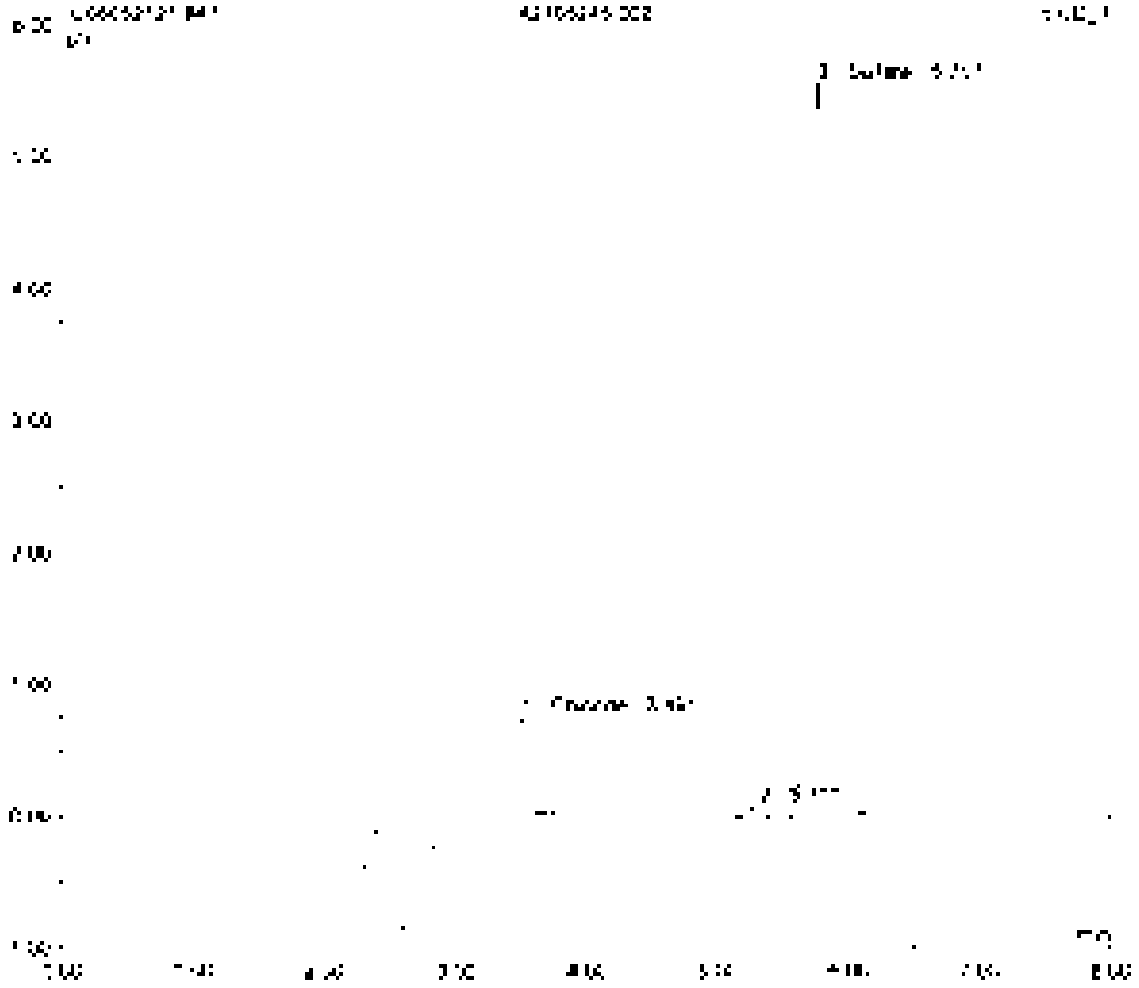
Sample Name	DCBM	Inj. Vol	20.0
Sample Type	unknown	Dilution Factor	1.0000
Program	380_lc	Operator	n/a
Inj. Date/Time	11-09-21 21:33	Run Time	8.00

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	Sulfate	M	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



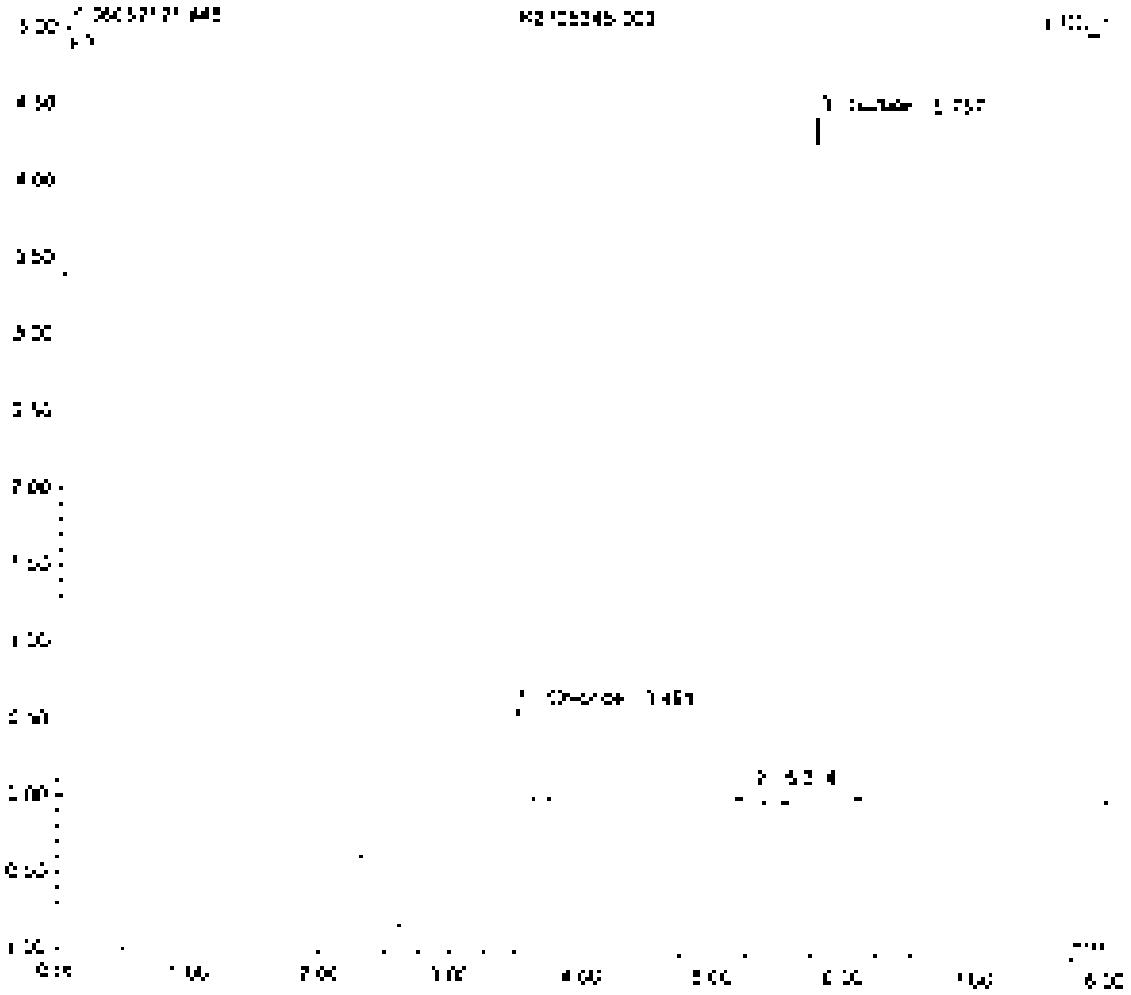
Sample Name	[illegible]	Inj. Vol.	[illegible]
Sample Type	unknown	Injection Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Sep. Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



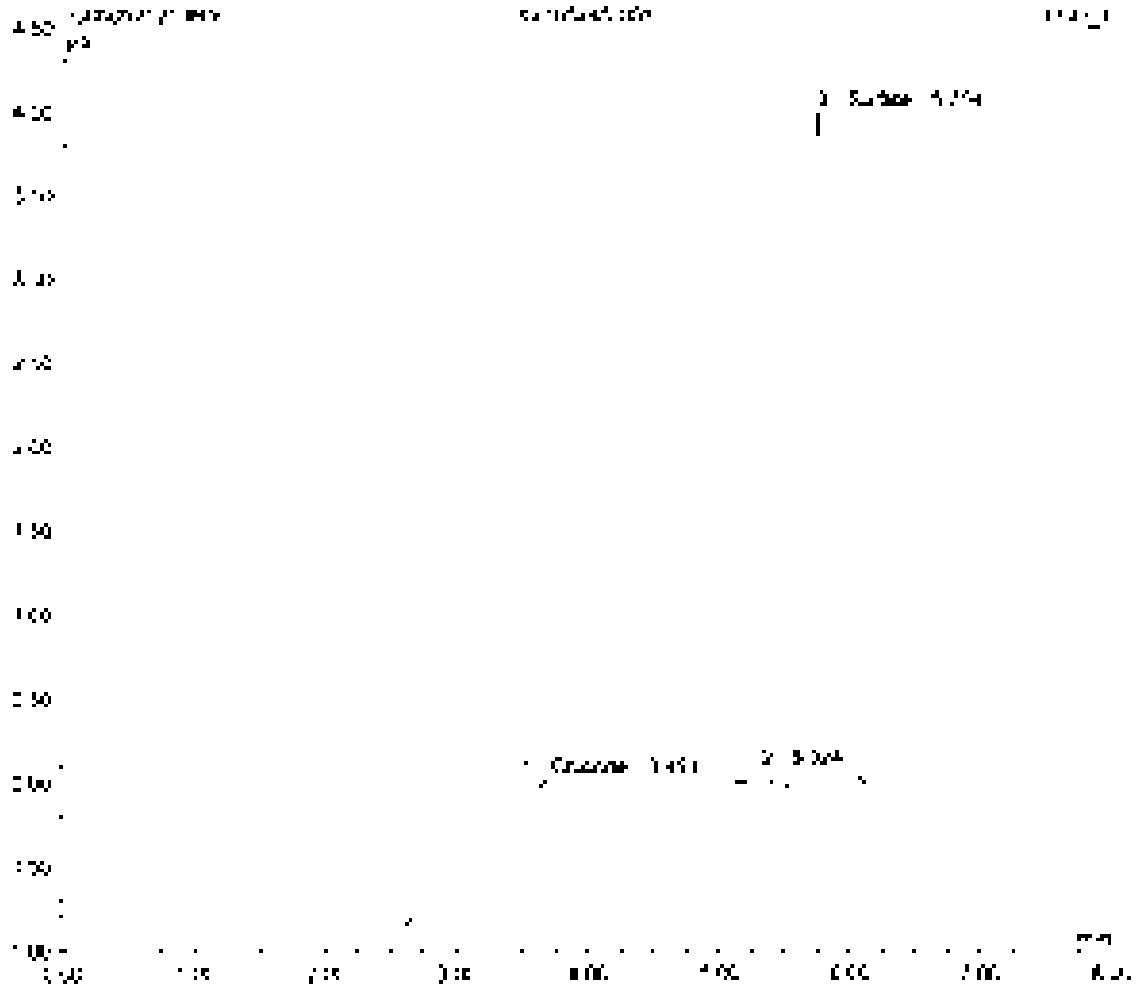
Sample Name	K21[illegible]-003	Inj. Vol	36.0
Sample Type	unknown	Dilution Factor	[illegible]
Program	300_lic	Operator	n.a.
Inj. Date/Time	21/04/21 [illegible]	Run Time	[illegible]

No.	Time (min)	Peak Name	Type	Area (uRIU*min)	Height (uR)	Amount
1	[illegible]	Chlorate	Base	[illegible]	[illegible]	[illegible]
2	[illegible]	Sulfate	Base	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



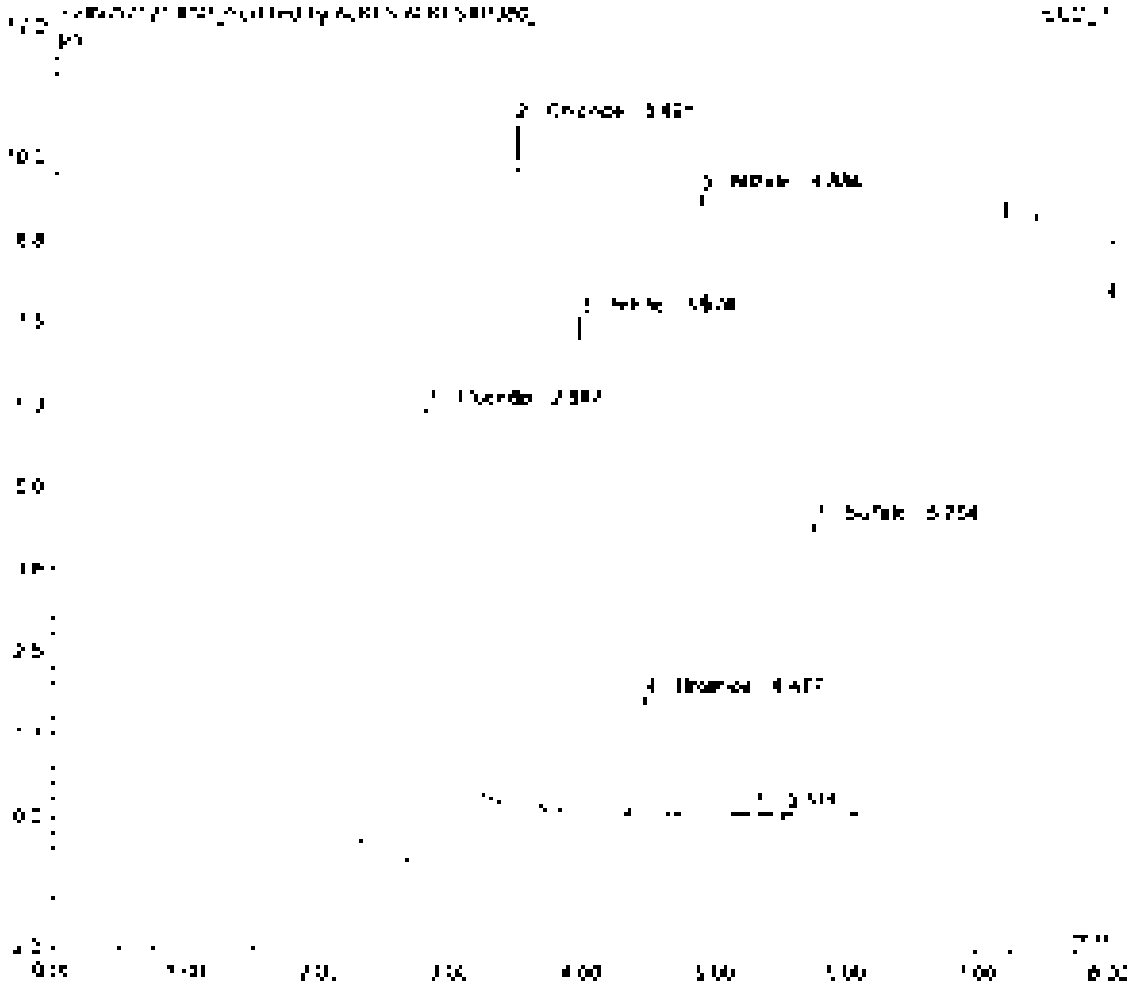
Sample Name	[illegible]	Inj. Vol	35.0
Sample Type	unknown	Dilution Factor	199.9999
Program	399, Dc	Operator	n/a
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	Chloride	BMD	[illegible]	[illegible]	[illegible]
2	[illegible]	Sulfate	BMD	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



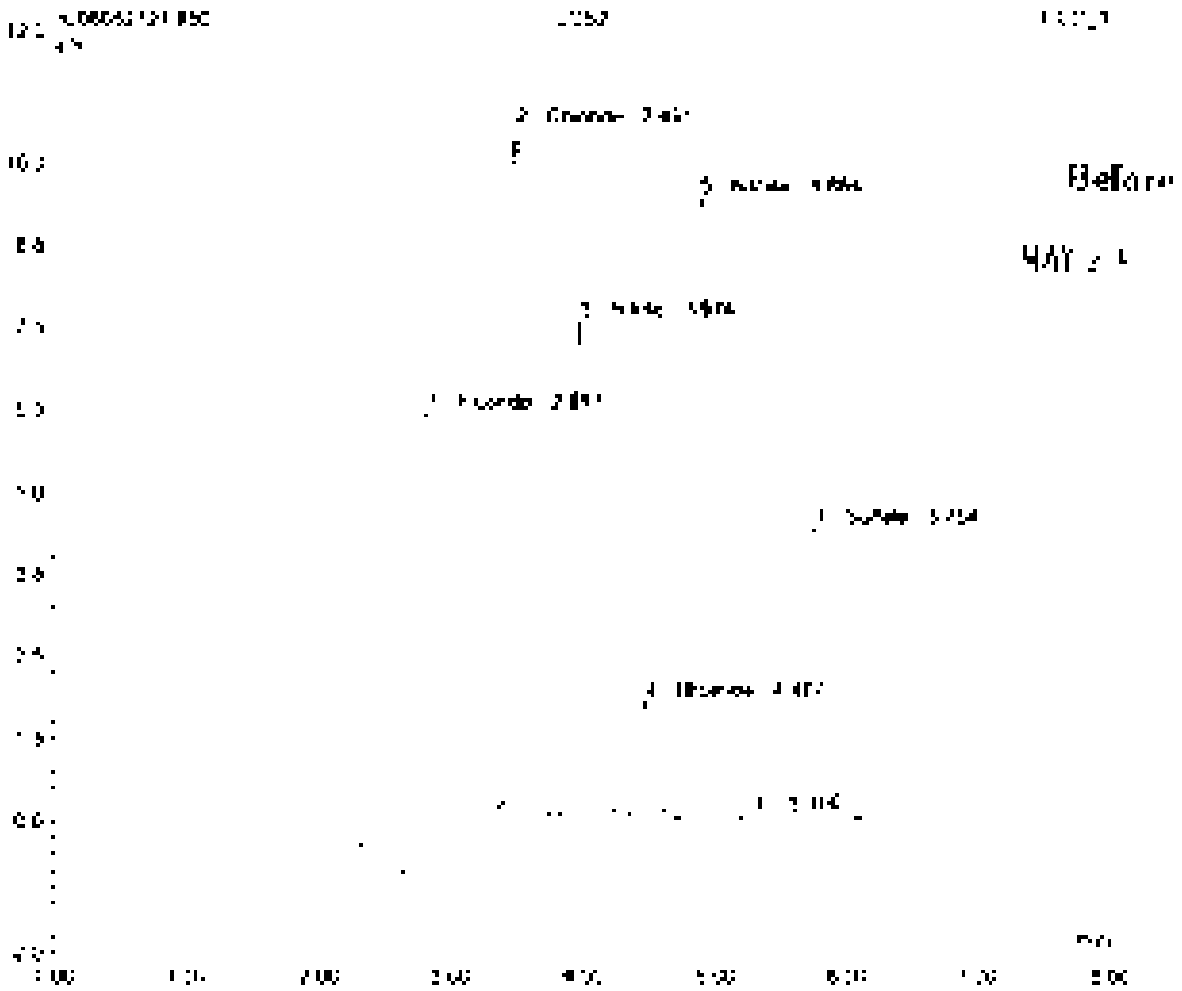
Sample Name	LCB1	Inj. Vol	30.0
Sample Type	unknown	Dilution Factor	1.0000
Program	300_6c	Operator	n.a.
Inj. Date/Time	21/06/21 [illegible]	Run Time	8.00

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



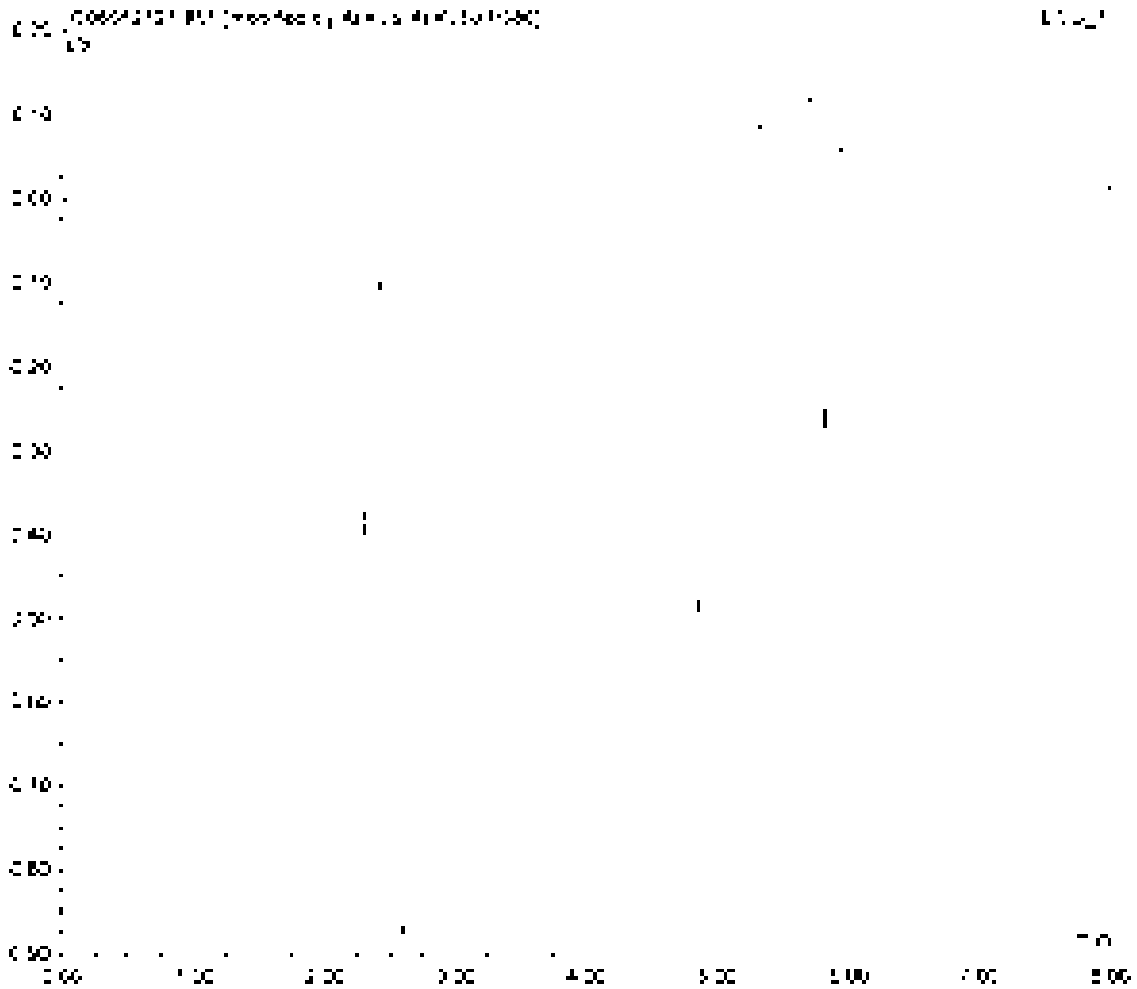
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Alert Type	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total				[illegible]	[illegible]	[illegible]



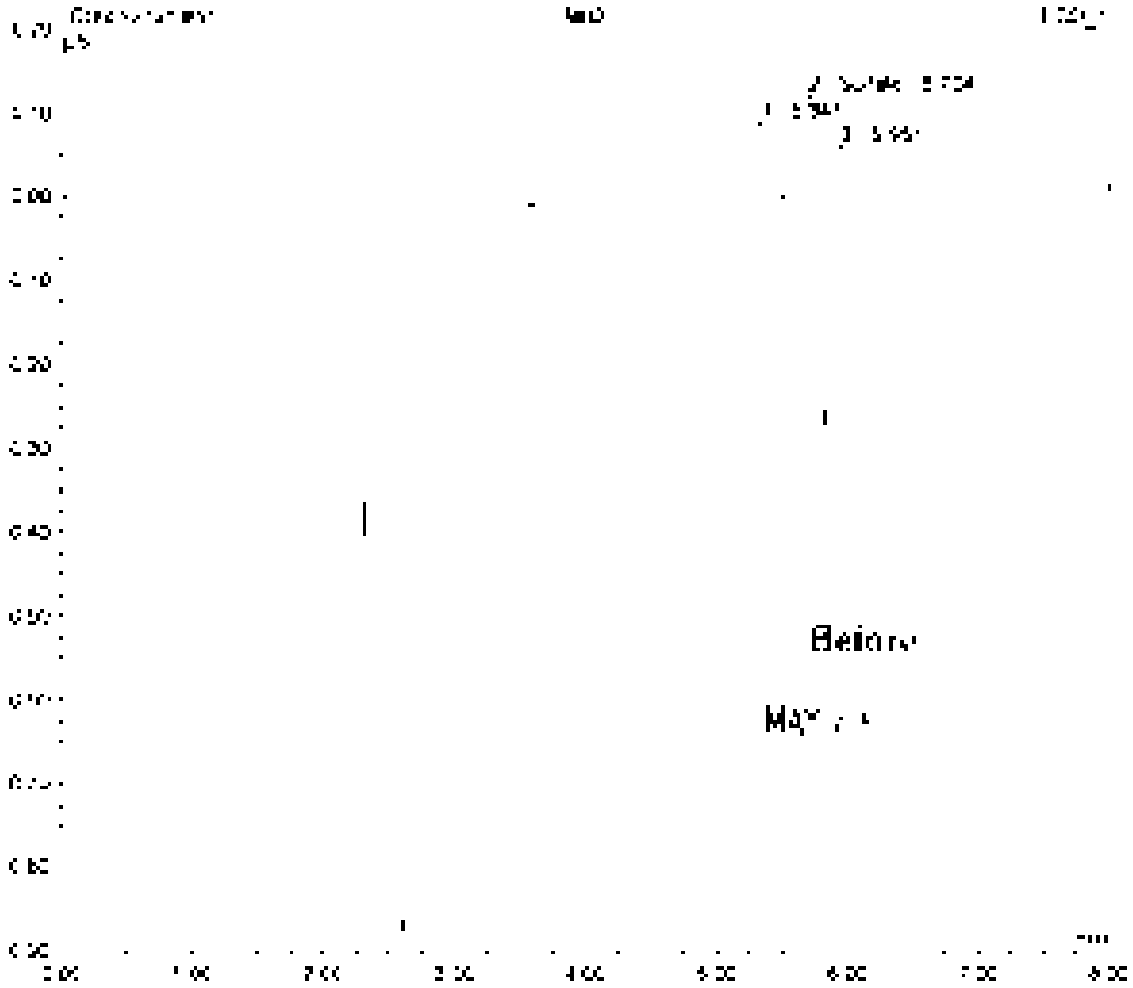
Sample Name	[illegible]	Inj Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj Date-Time	[illegible]	Run Time	[illegible]

No.	Time [min]	Peak Name	Type	Area [µV*min]	Height [µV]	Amount
		TOTAL		[illegible]	[illegible]	[illegible]



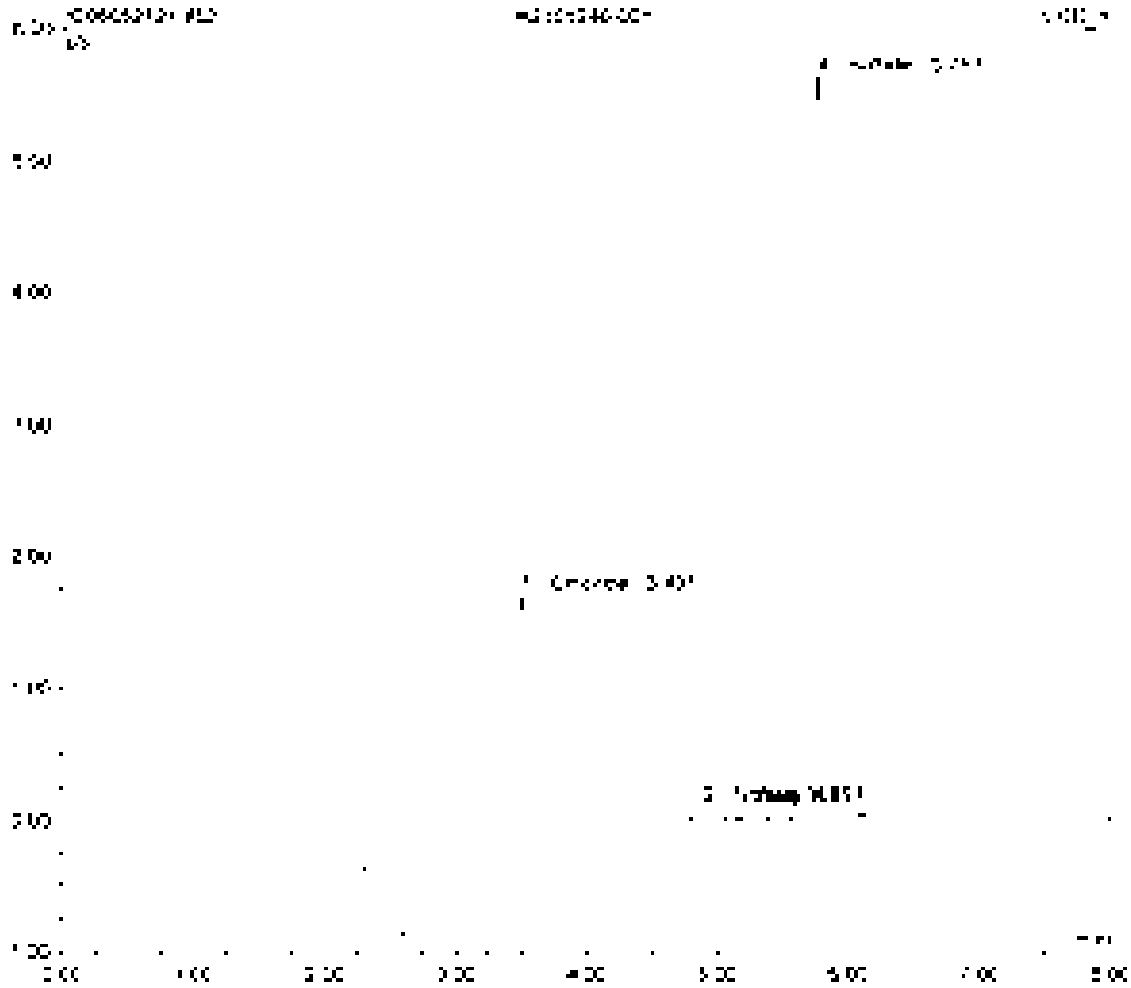
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



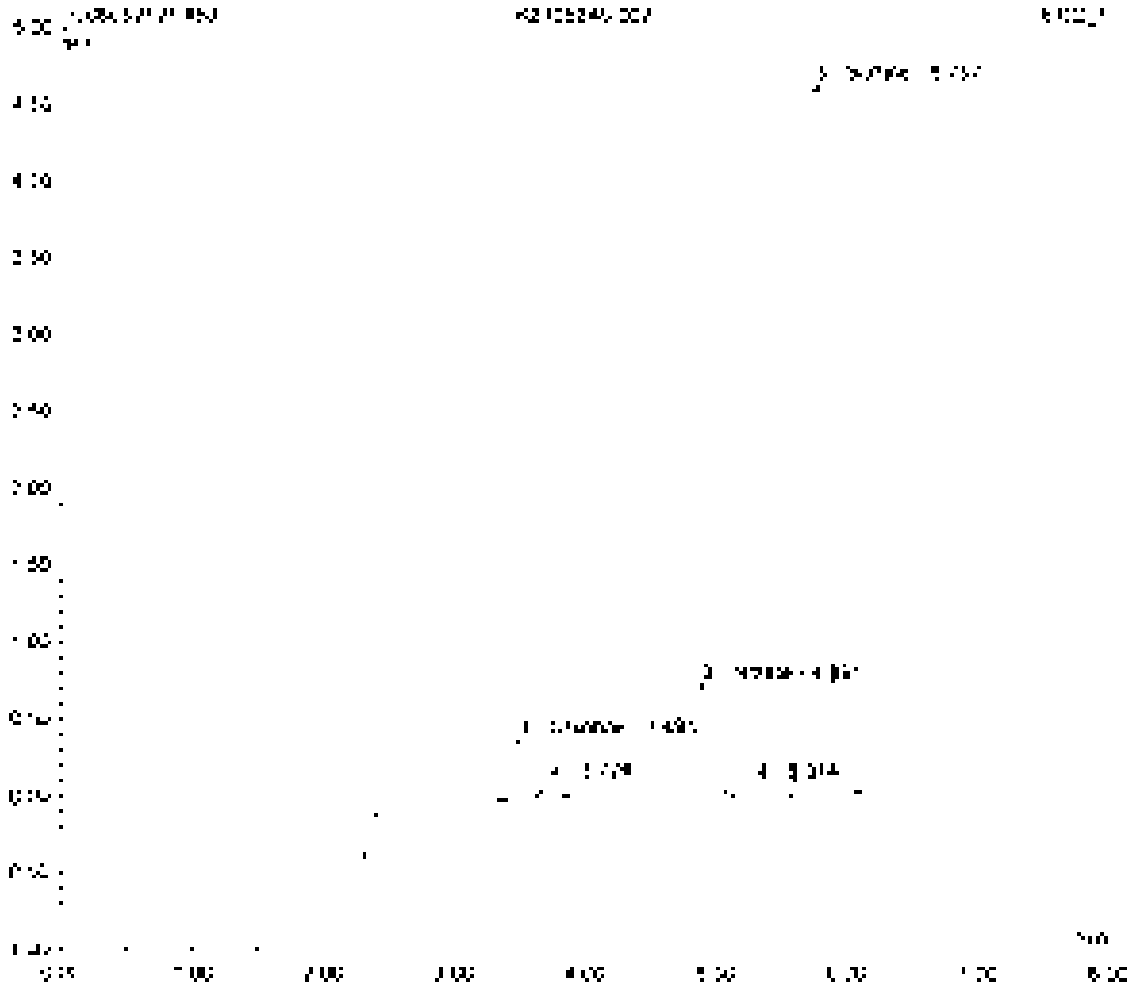
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]


[illegible]
[illegible]
[illegible]

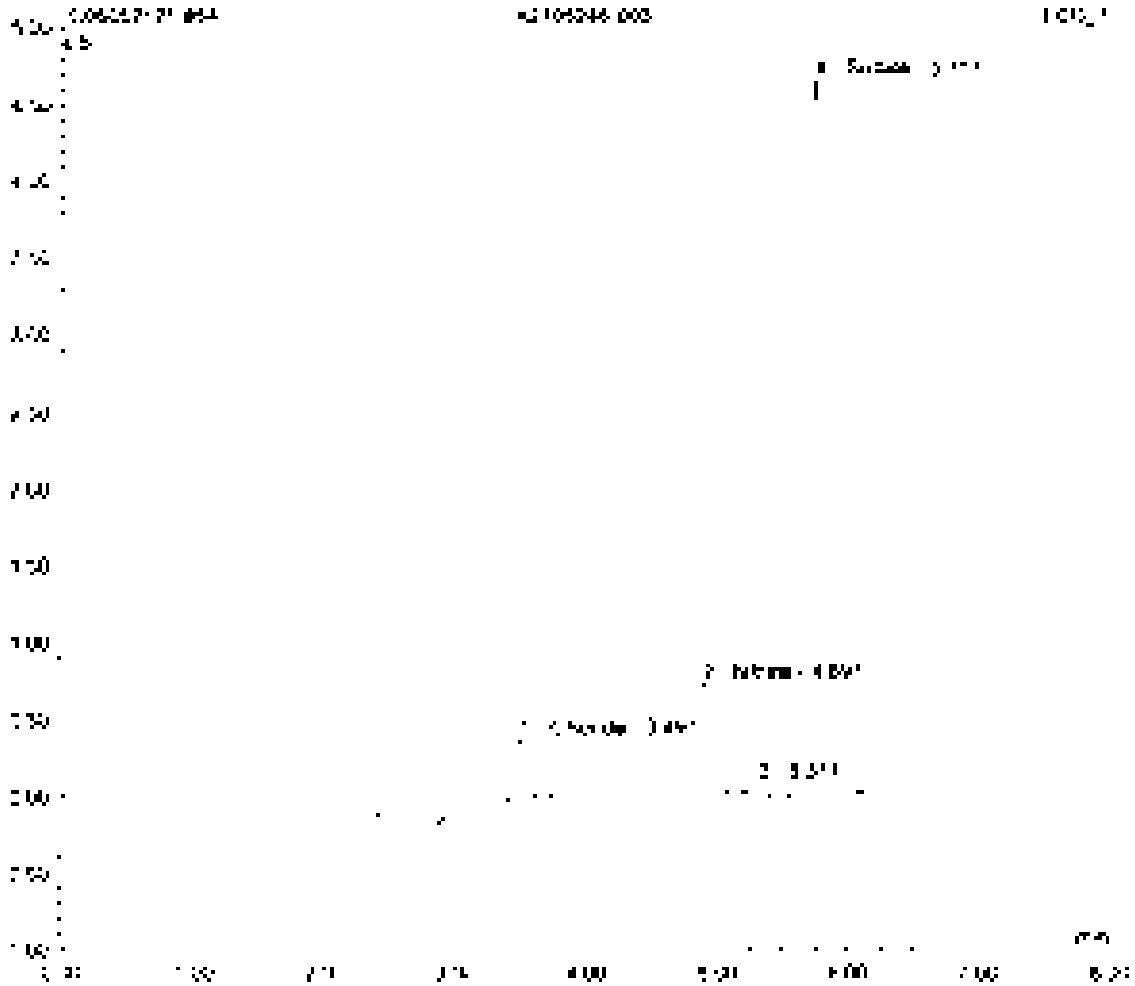
Sample Name:	[illegible]	Inj. Vol:	[illegible]
Sample Type:	unknown	Sample Factor:	[illegible]
Program:	[illegible]	Operator:	n.a.
Inj. Date/Time:	[illegible] 21:48	Run Time:	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	Chloride	BM	[illegible]	[illegible]	[illegible]
2	[illegible]	Nitrate	BMP	[illegible]	[illegible]	[illegible]
3	[illegible]	Sulfate	BMP	[illegible]	[illegible]	[illegible]
		TOTAL:		[illegible]	[illegible]	[illegible]



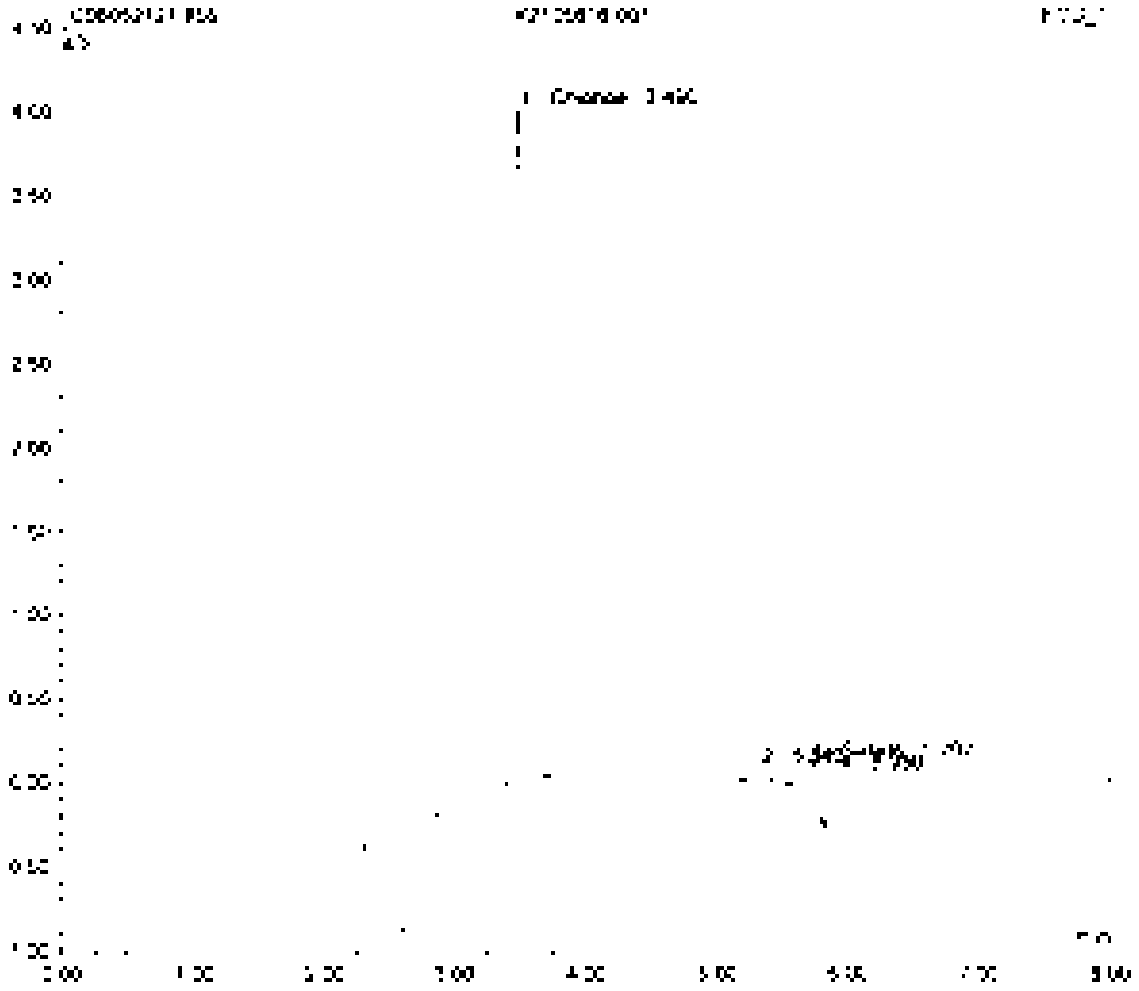
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Acq. Time	[illegible]

No	Start min	Peak Name	Type	Area µS/cm	Height µS	Amount
1	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



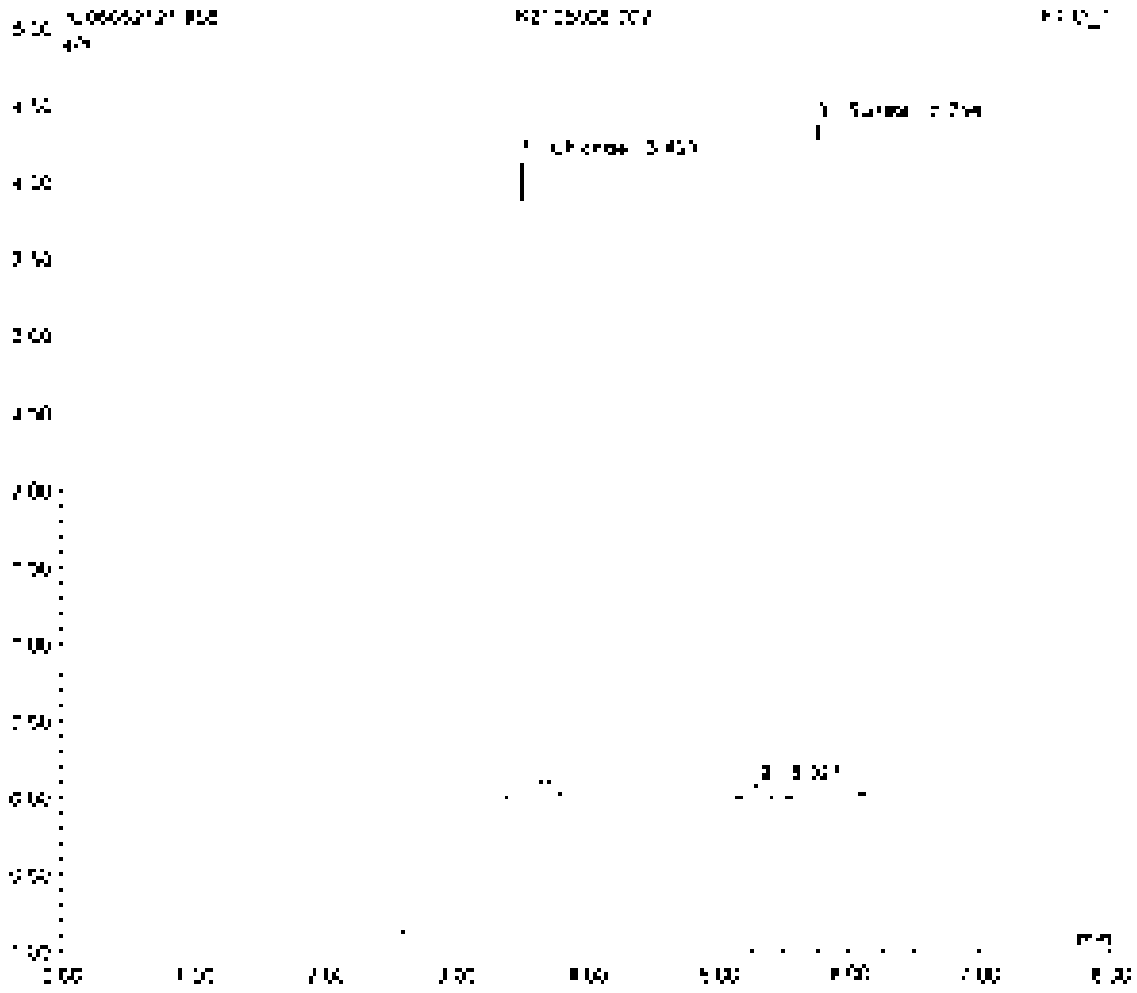
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



Sample Name	[illegible]	Inj. No	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]

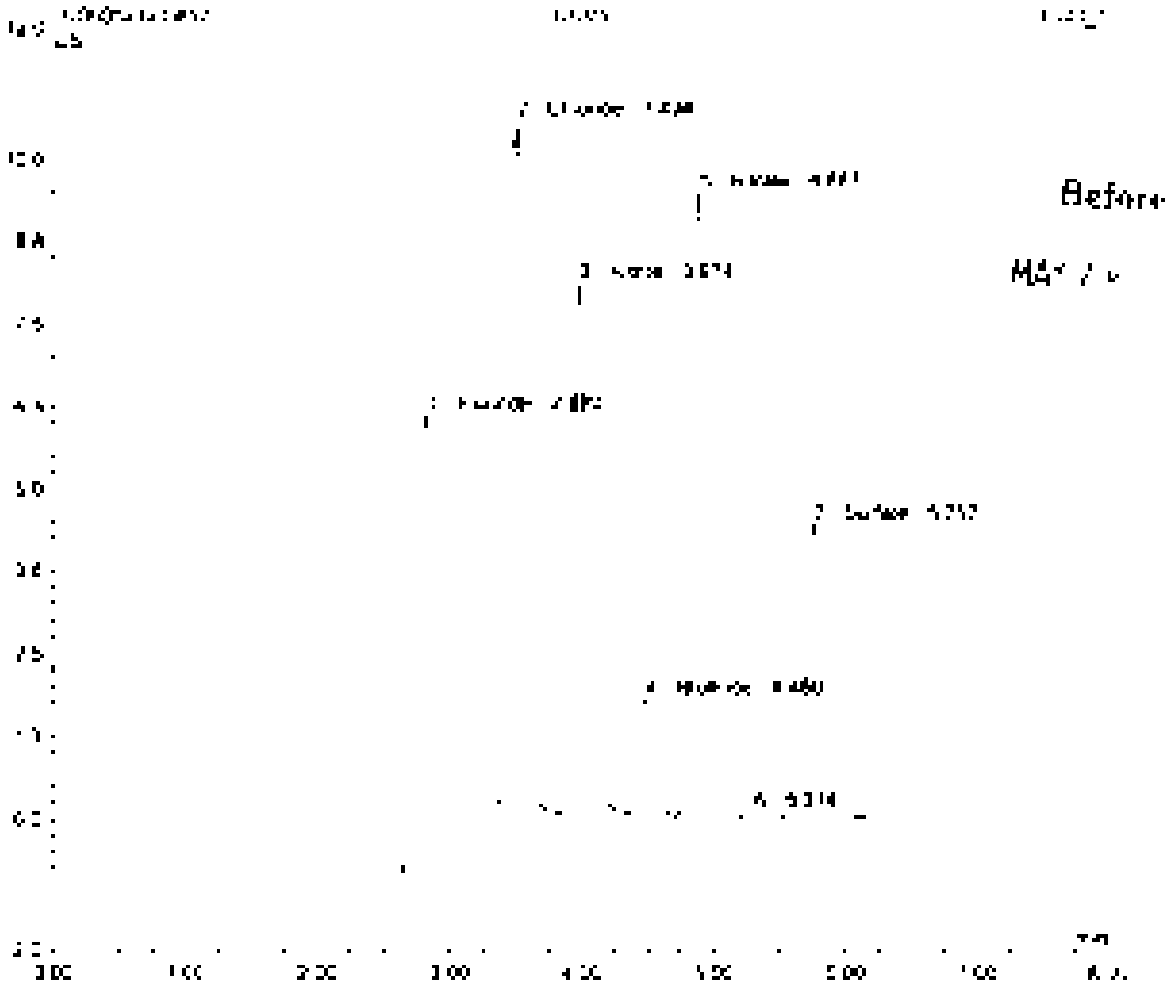


Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date-Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]

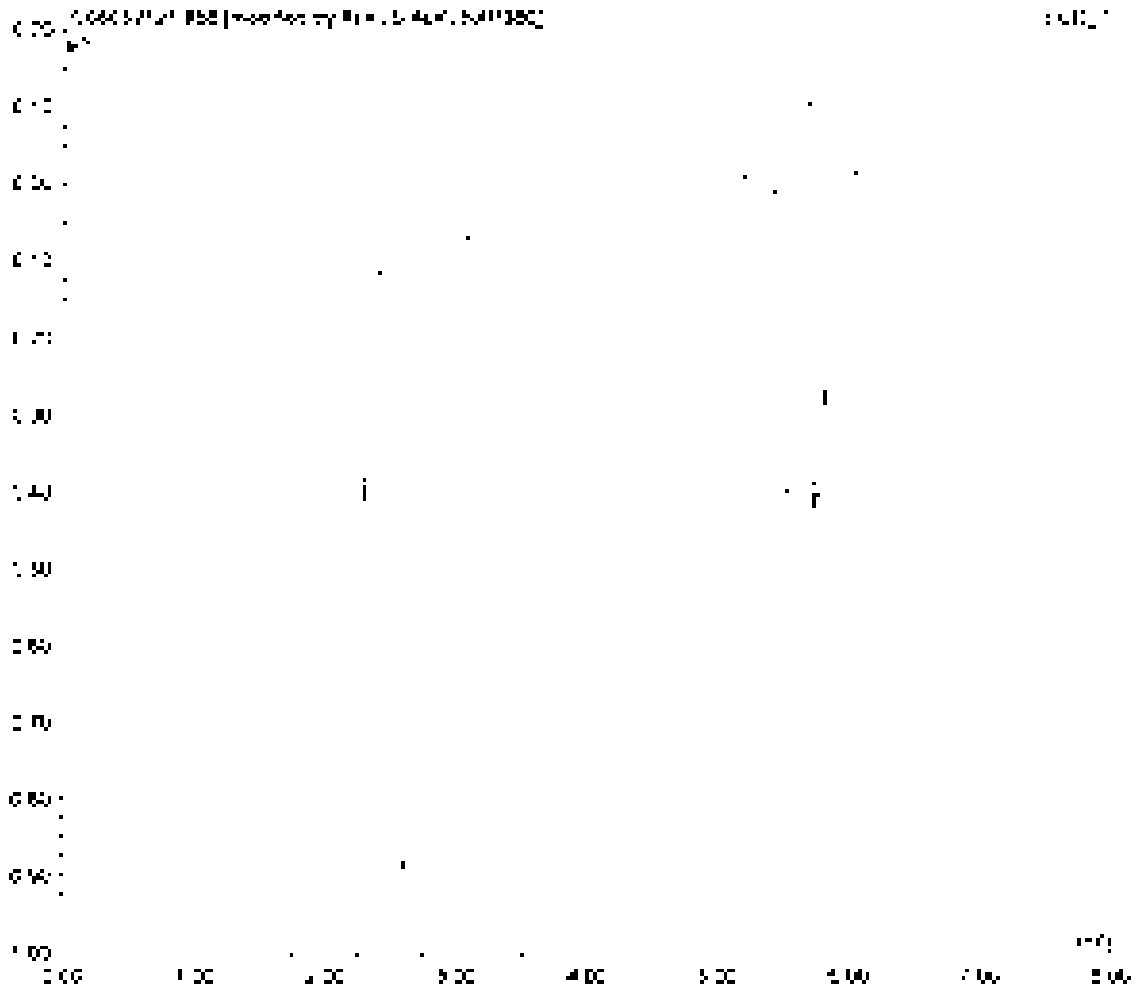
Sample Name	CCV6	Injection	[illegible]
Sample Type	unknown	Dilution Factor	1.0000
Program	300_dc	Operator	n/a
Injection Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	Fluoride	MM	[illegible]	[illegible]	[illegible]
2	[illegible]	Chloride	M	[illegible]	[illegible]	[illegible]
3	[illegible]	Nitrite	M	[illegible]	[illegible]	[illegible]
4	[illegible]	Bromide	M	[illegible]	[illegible]	[illegible]
5	[illegible]	Nitrate	M	[illegible]	[illegible]	[illegible]
6	[illegible]	Sulfate	MM	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



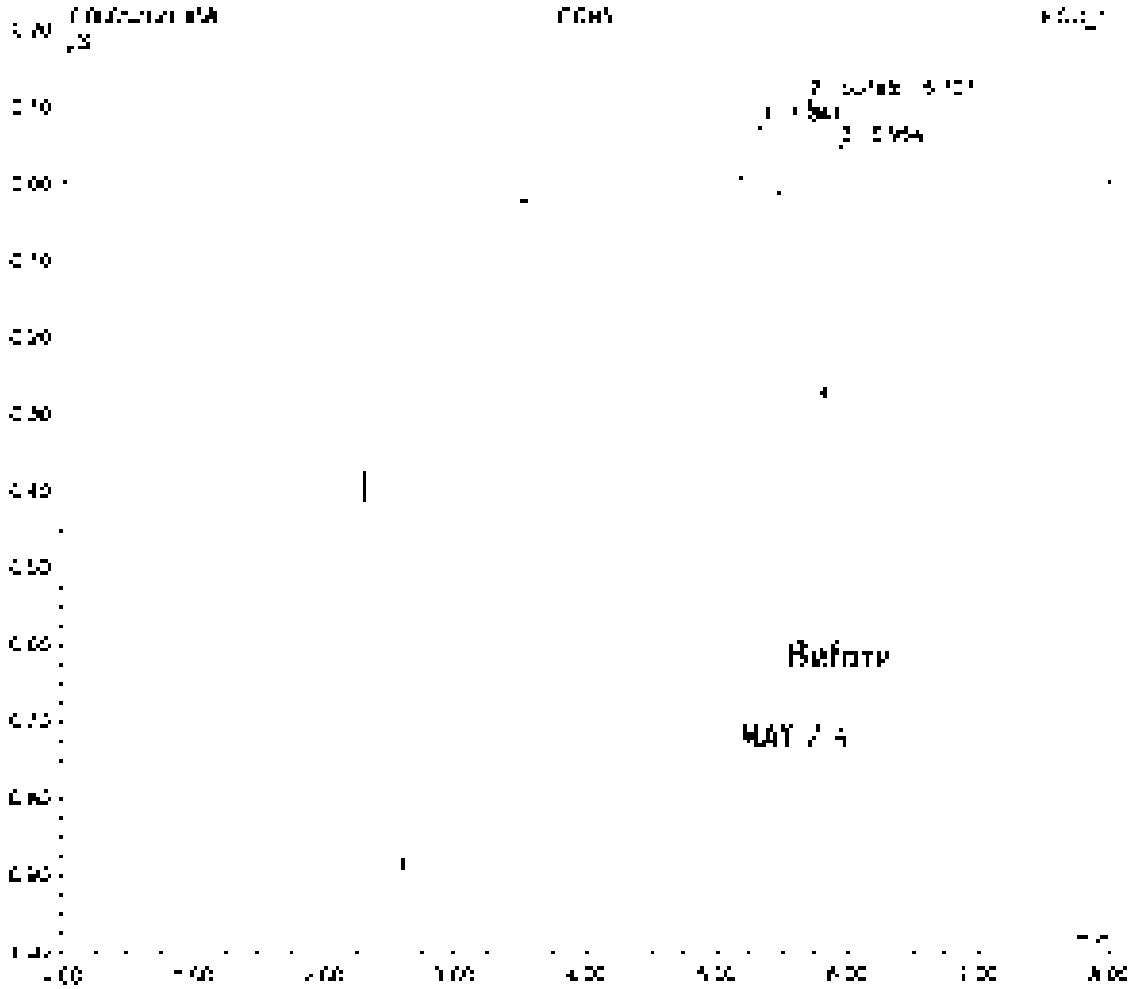
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time [illegible]	Peak Name	Type	Area µS/min	Height µS	Amount
		TOTAL		[illegible]	[illegible]	[illegible]



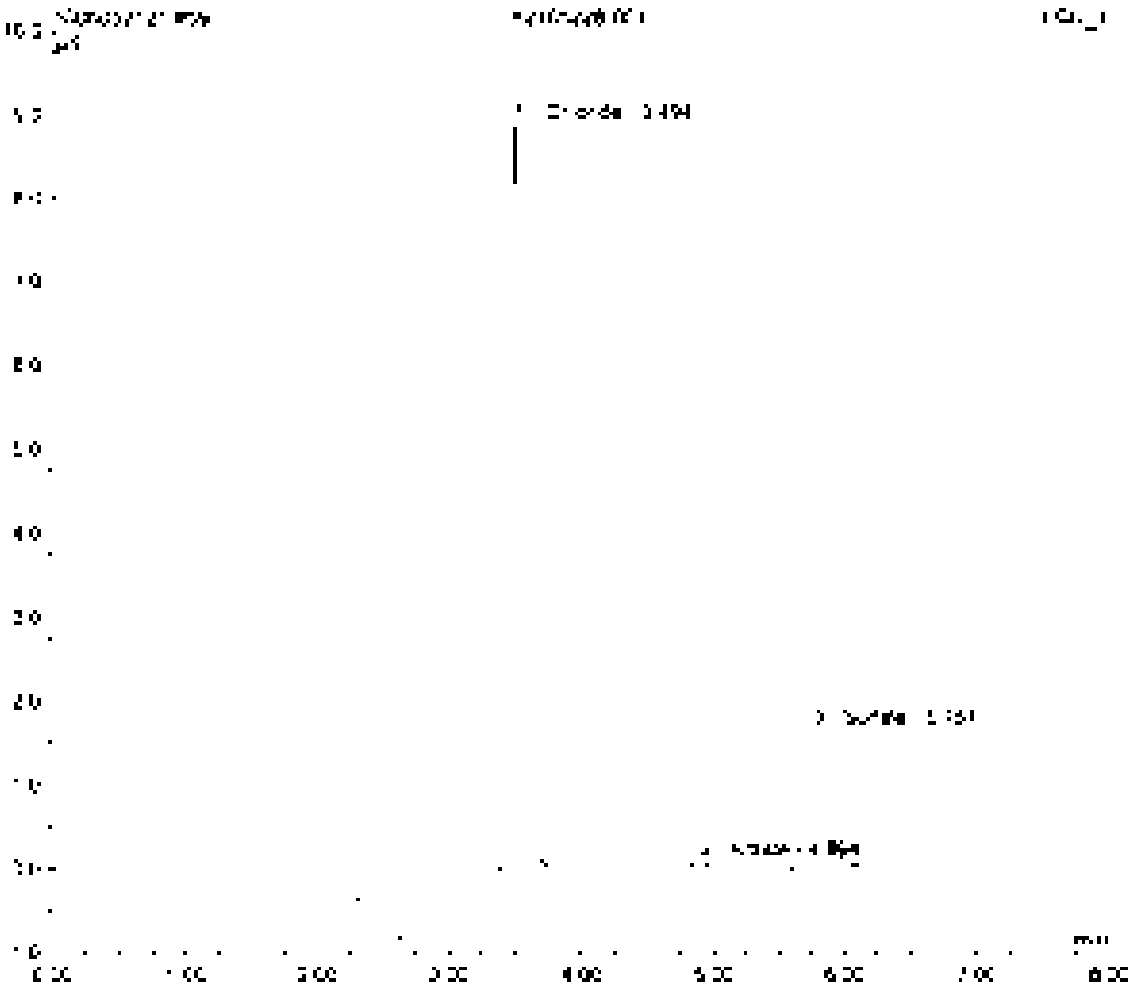
Sample Name	CCB6	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
2	[illegible]	[illegible]	BM	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



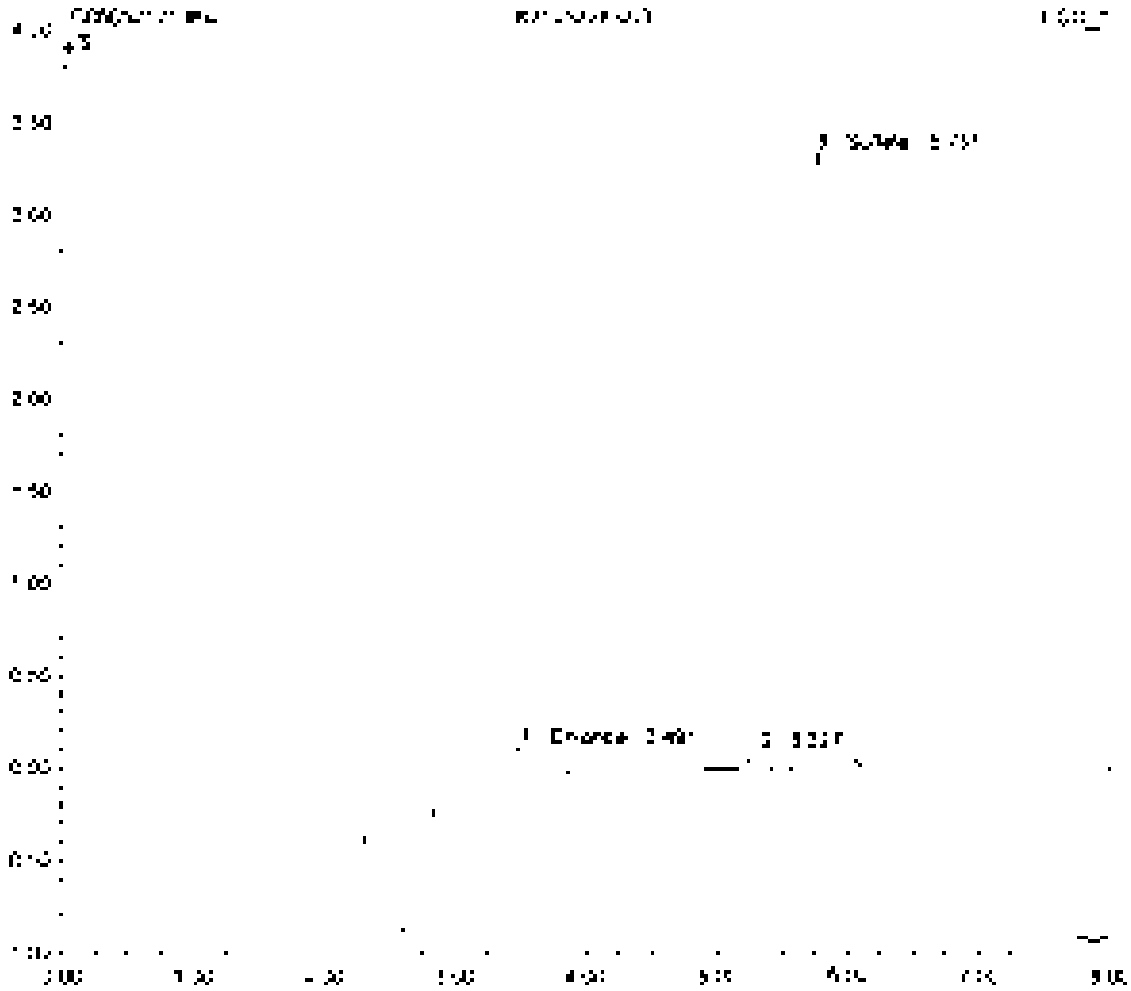
Sample Name	[illegible]	Inj. No	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	300, Dc	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Date	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
1	[illegible]	Chloride	BMD	[illegible]	[illegible]	[illegible]
2	[illegible]	Nitrate	BMD	[illegible]	[illegible]	[illegible]
3	[illegible]	Sulfate	BMD	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



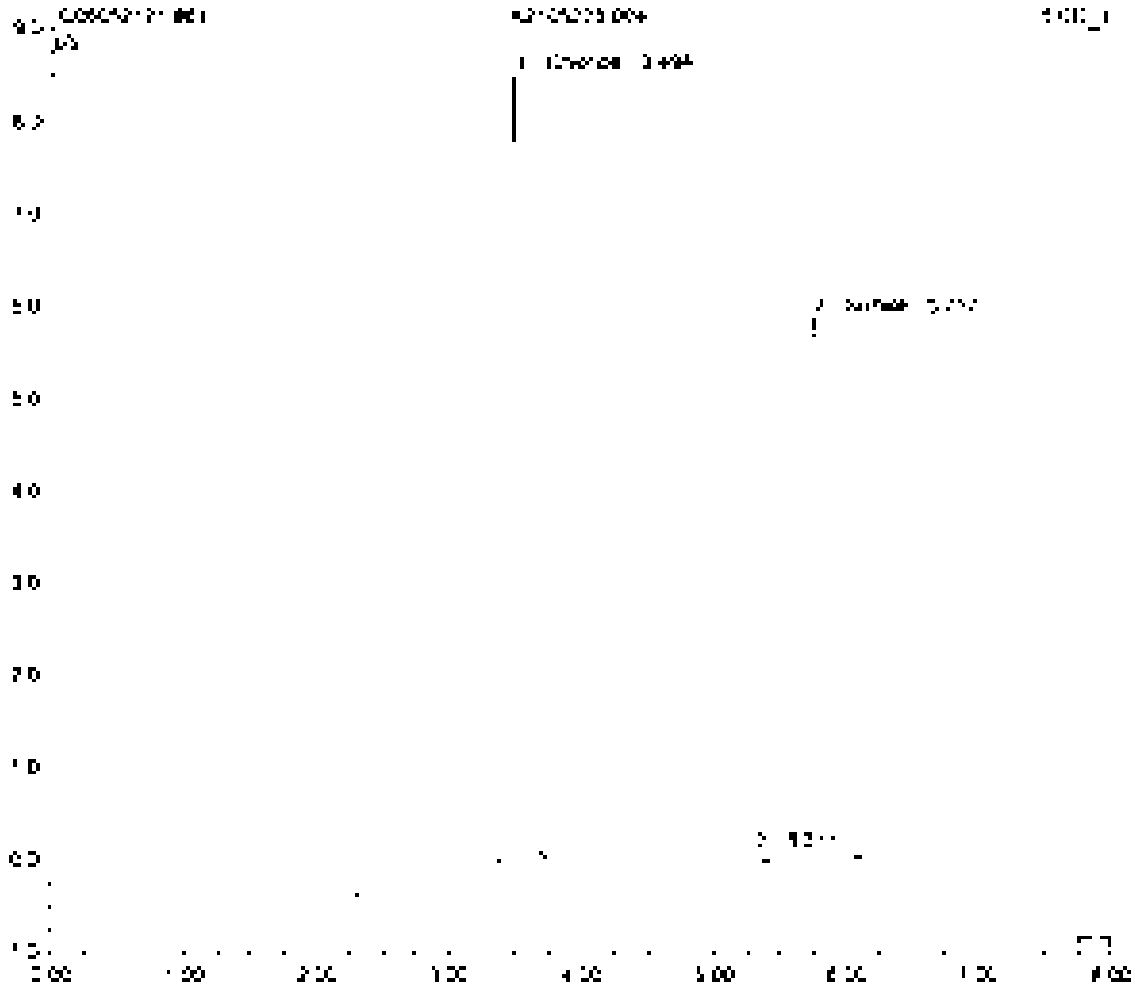
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



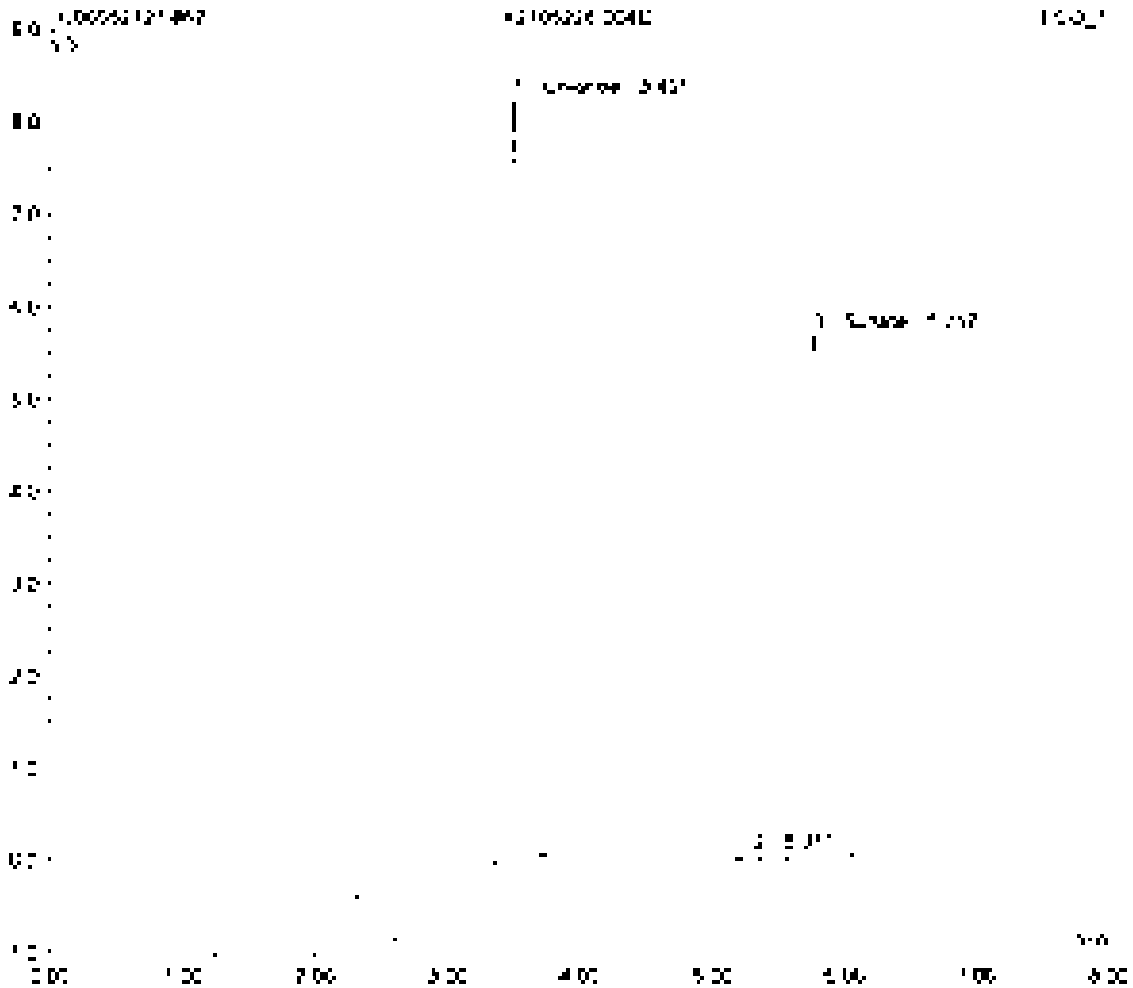
Sample Name:	[illegible]	Inj. Vol:	[illegible]
Sample Type:	[illegible]	Calibration Factor:	[illegible]
Program:	[illegible]	Operator:	[illegible]
Inj. Date/Time:	[illegible]	Run Type:	[illegible]

No	Time (min)	Peak Name	Type	Area (µS*min)	Height (µS)	Amount
1	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



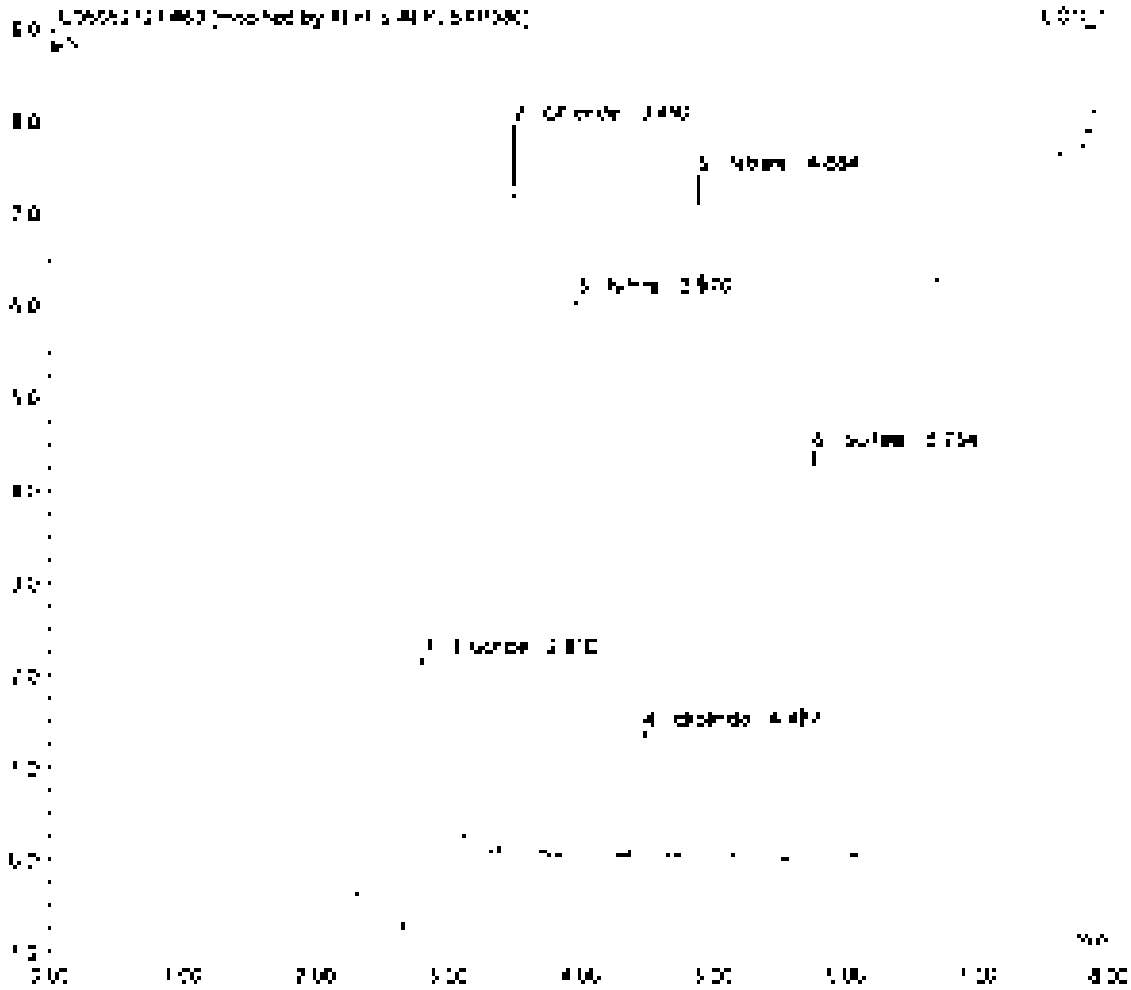
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



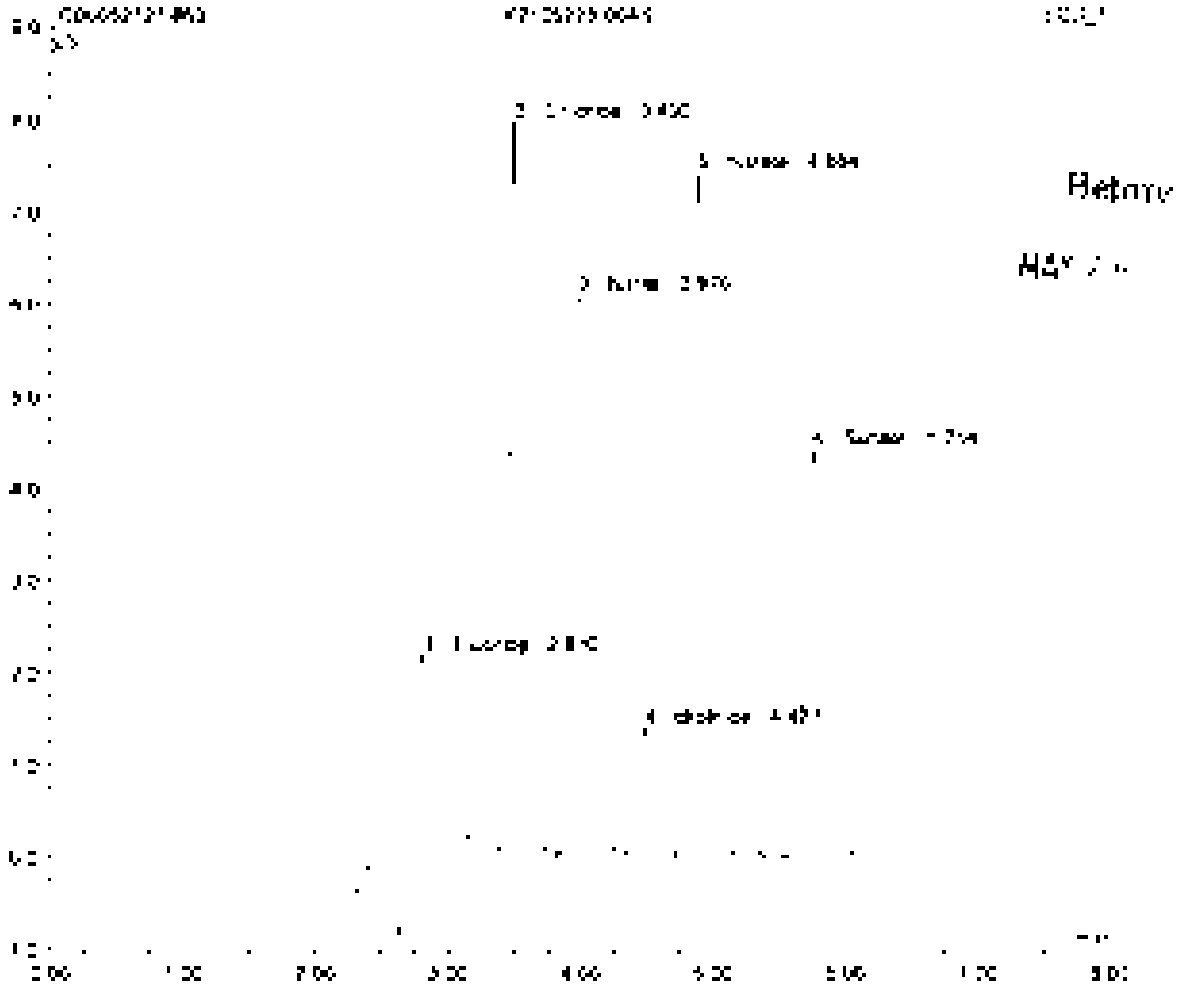
Sample Name	[illegible]	Injection Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Index	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]				[illegible]	[illegible]	[illegible]



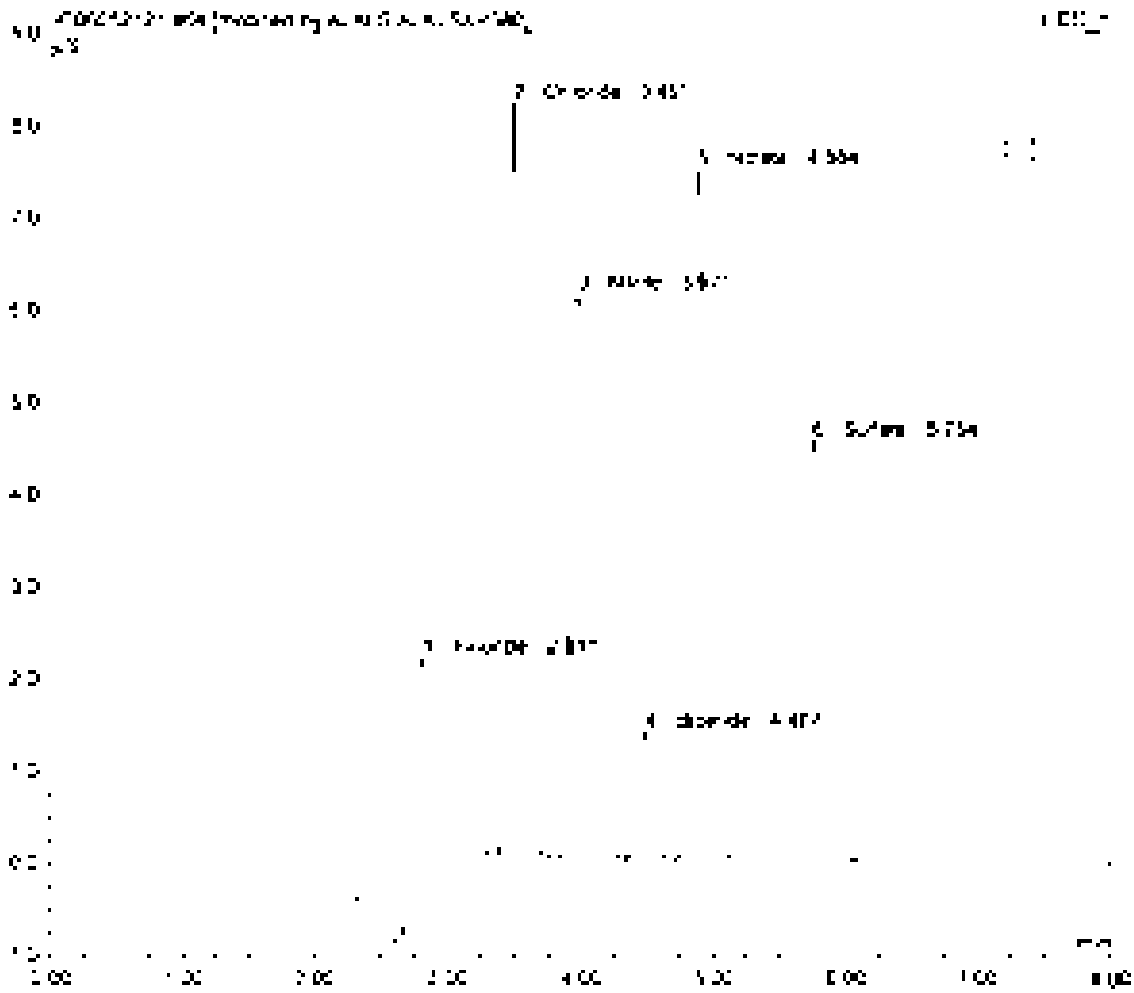
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



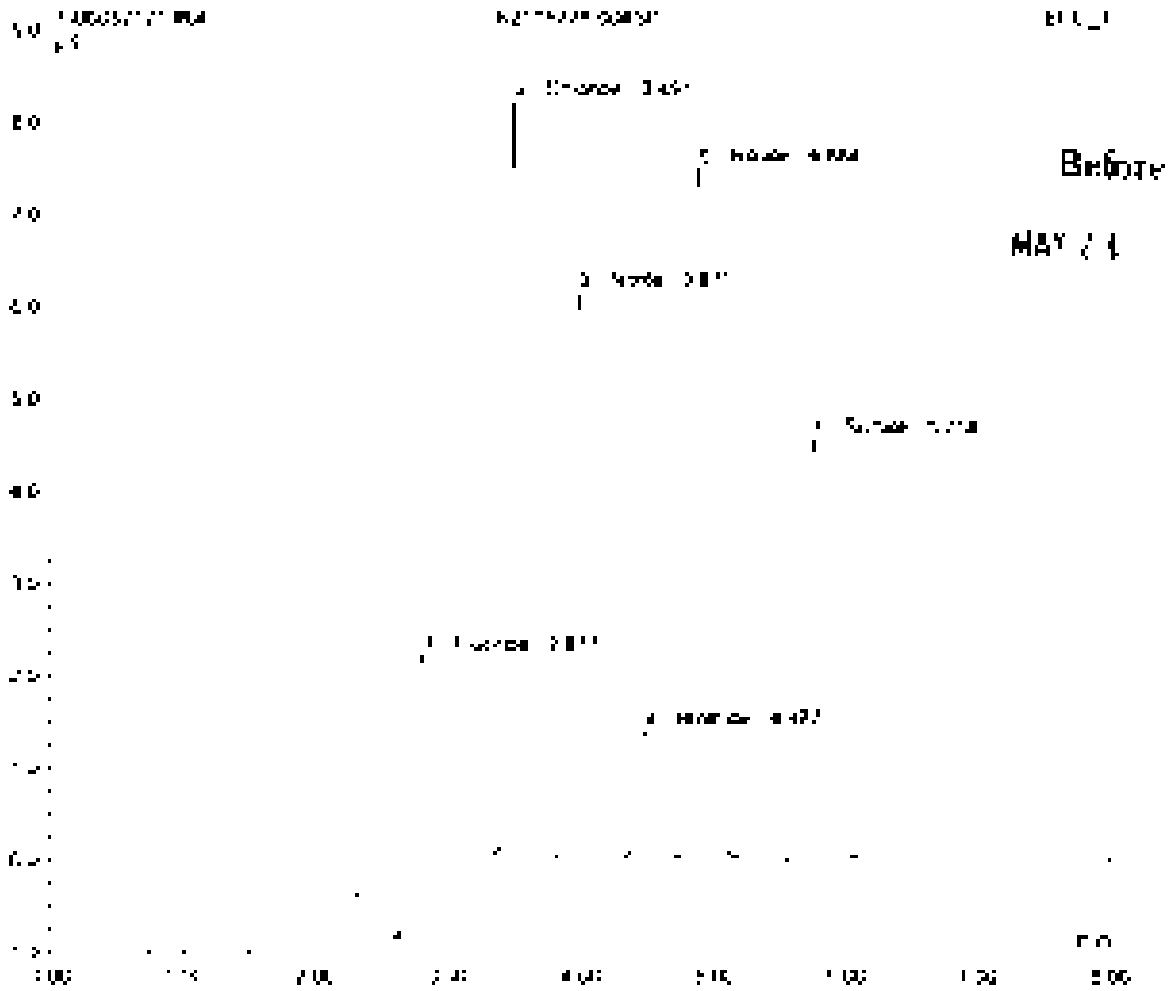
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



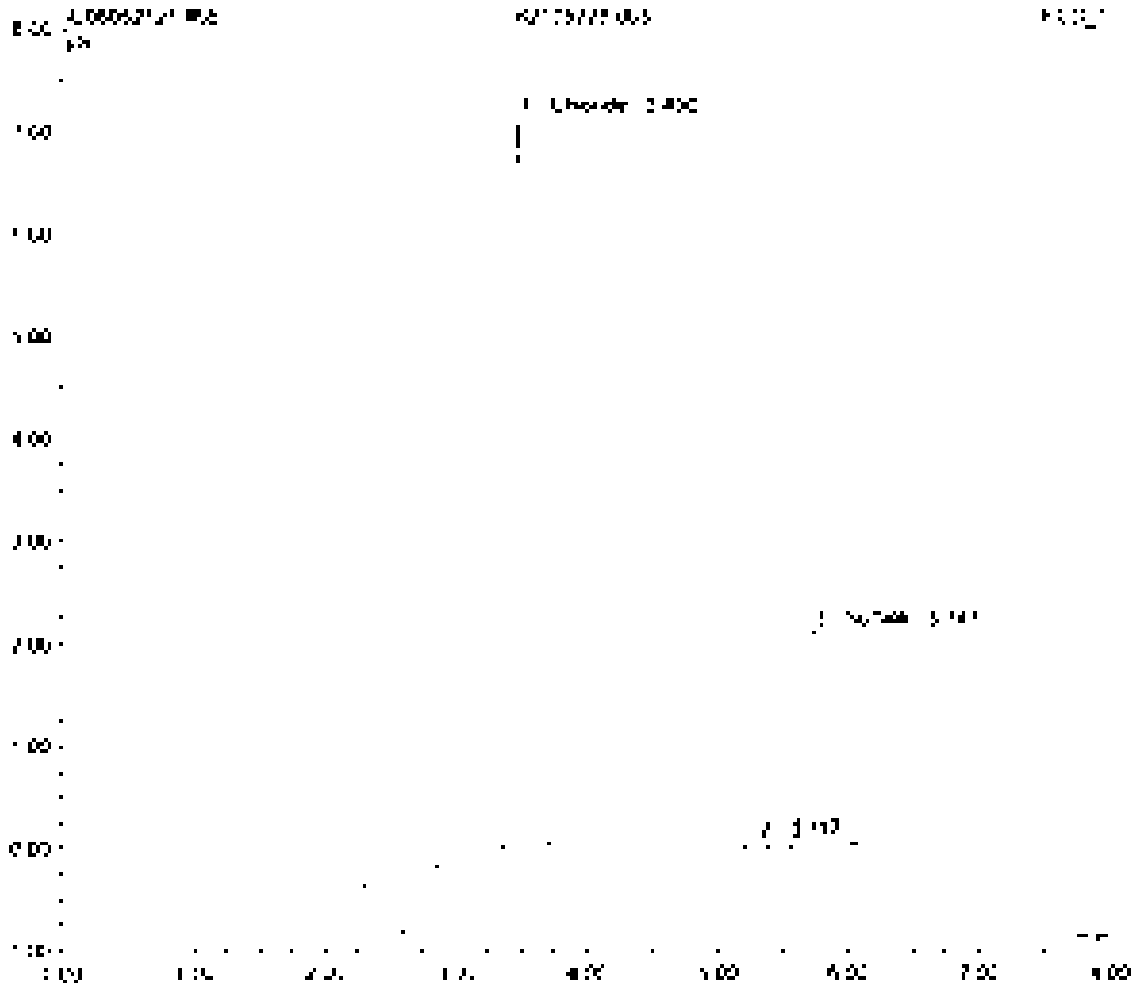
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



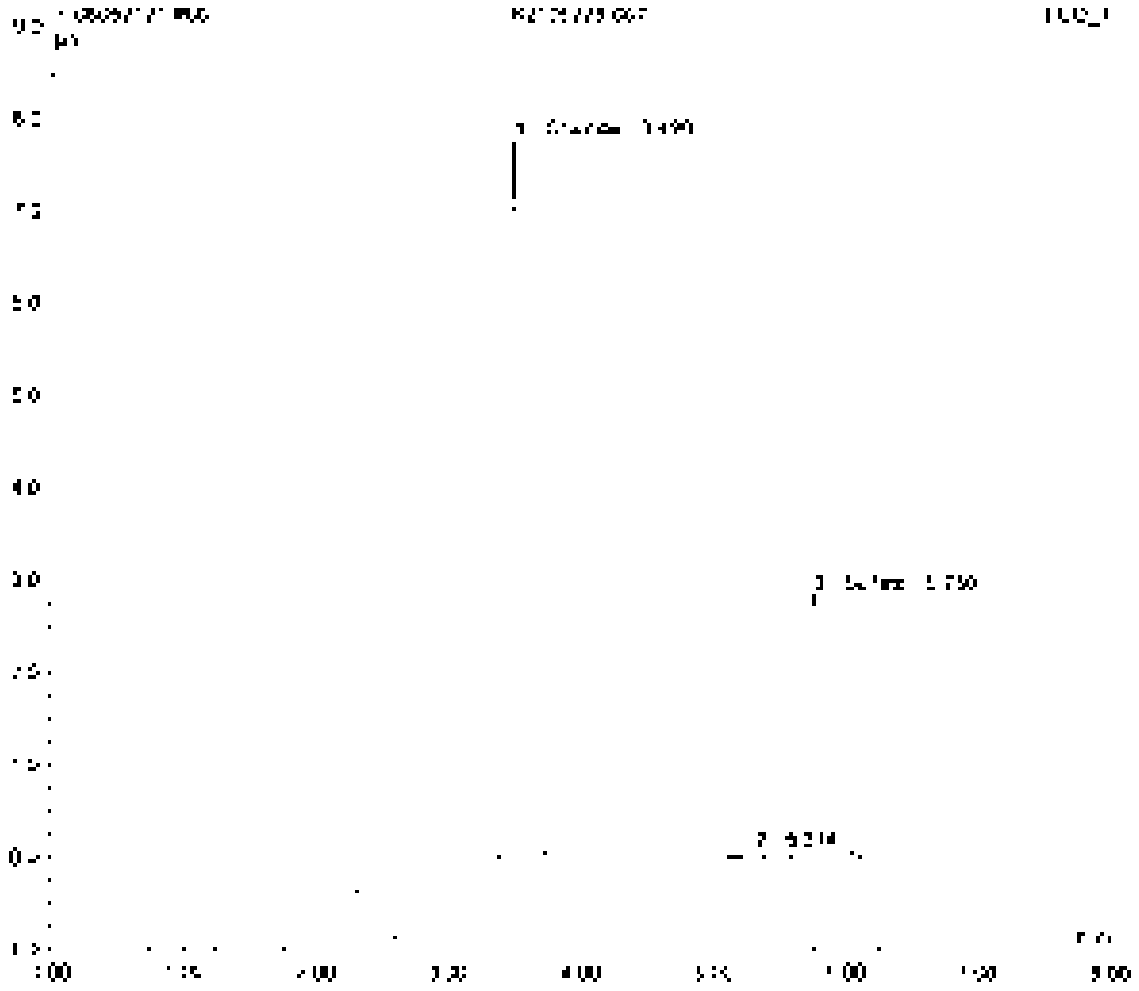
Sample Name	KB-34229-008	Inj. Vol	20.0
Sample Type	unknown	Dilution Factor	40.0000
Program	300 4c	Operator	A.K.
Inj. Date/Time	2/08/21 22:36	Run Time	4.00

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	Chloride	BMB	[illegible]	[illegible]	[illegible]
2	[illegible]	Sulfate	BMB	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/cm	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]		[illegible]	[illegible]	[illegible]

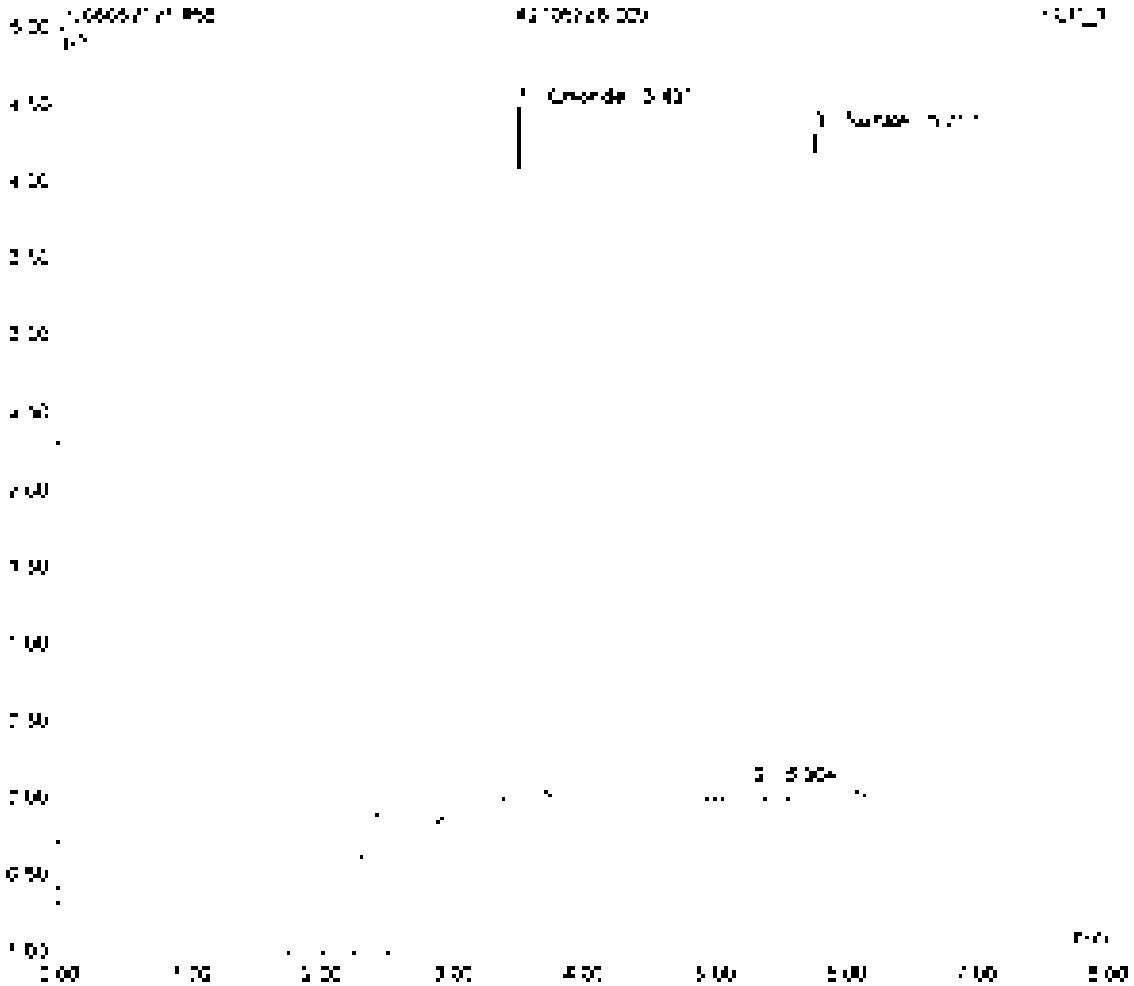


Sample Name	[illegible]	Injection	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	n/a
Injection Date/Time	[illegible]	Run Type	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]

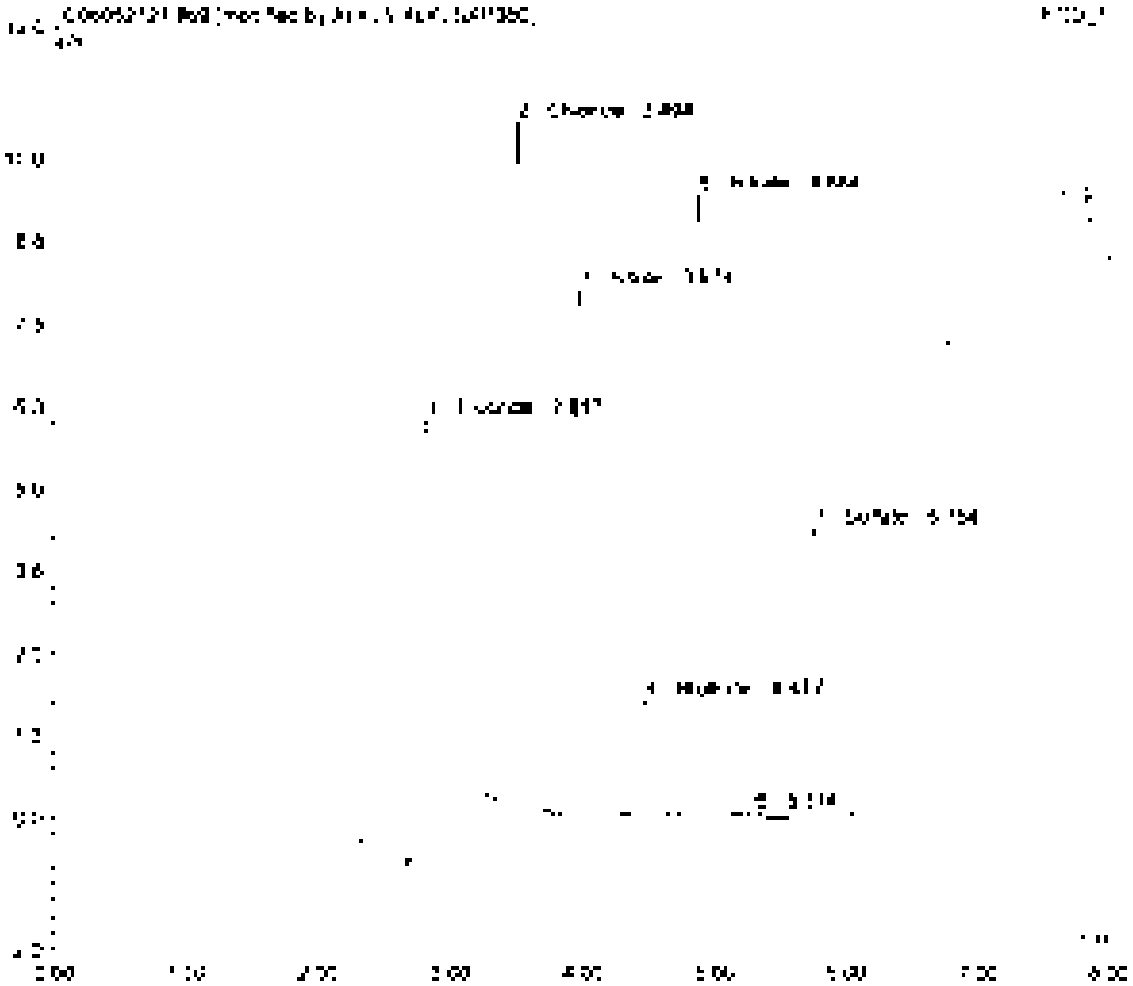
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	Unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/cm min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total				[illegible]	[illegible]	[illegible]



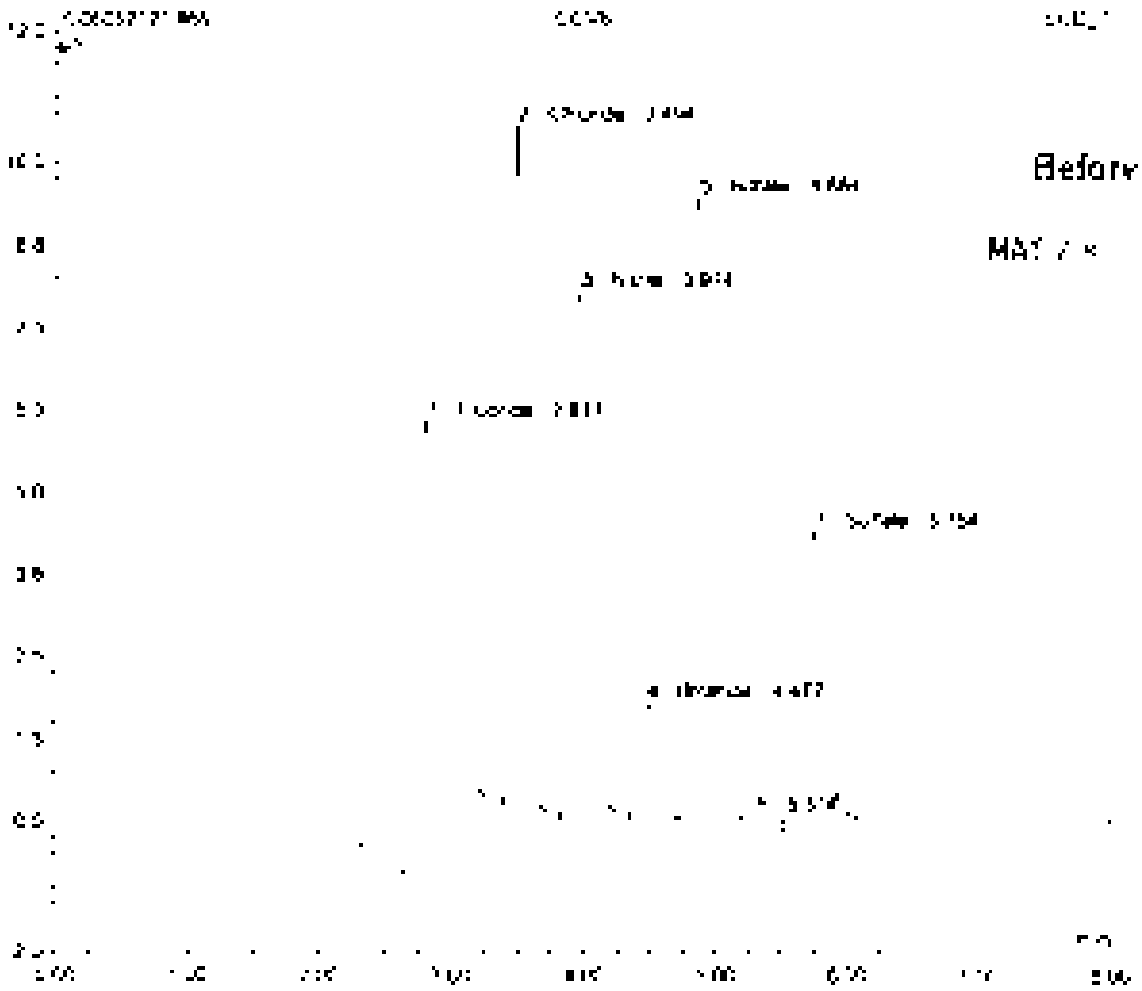
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	1.0000
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



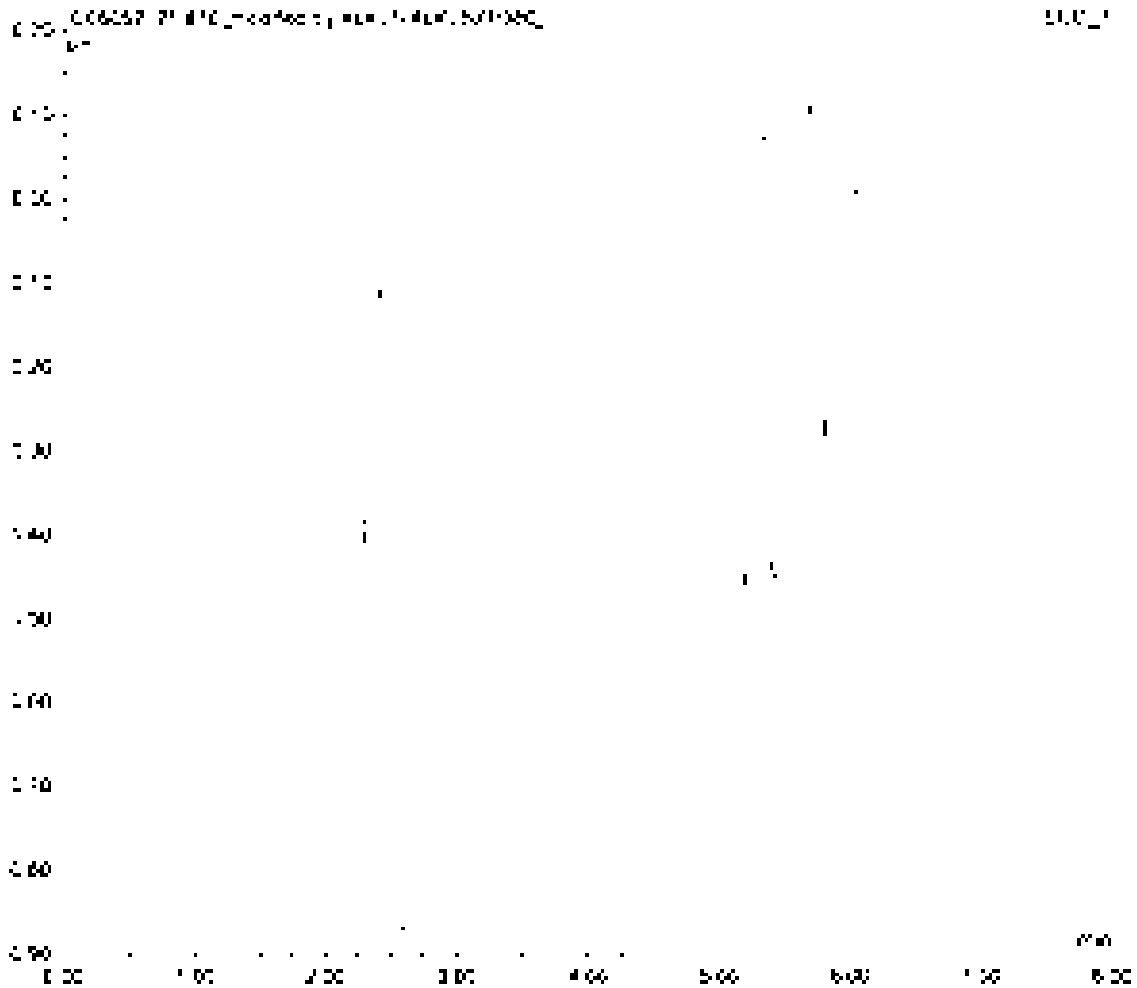
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/cm*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



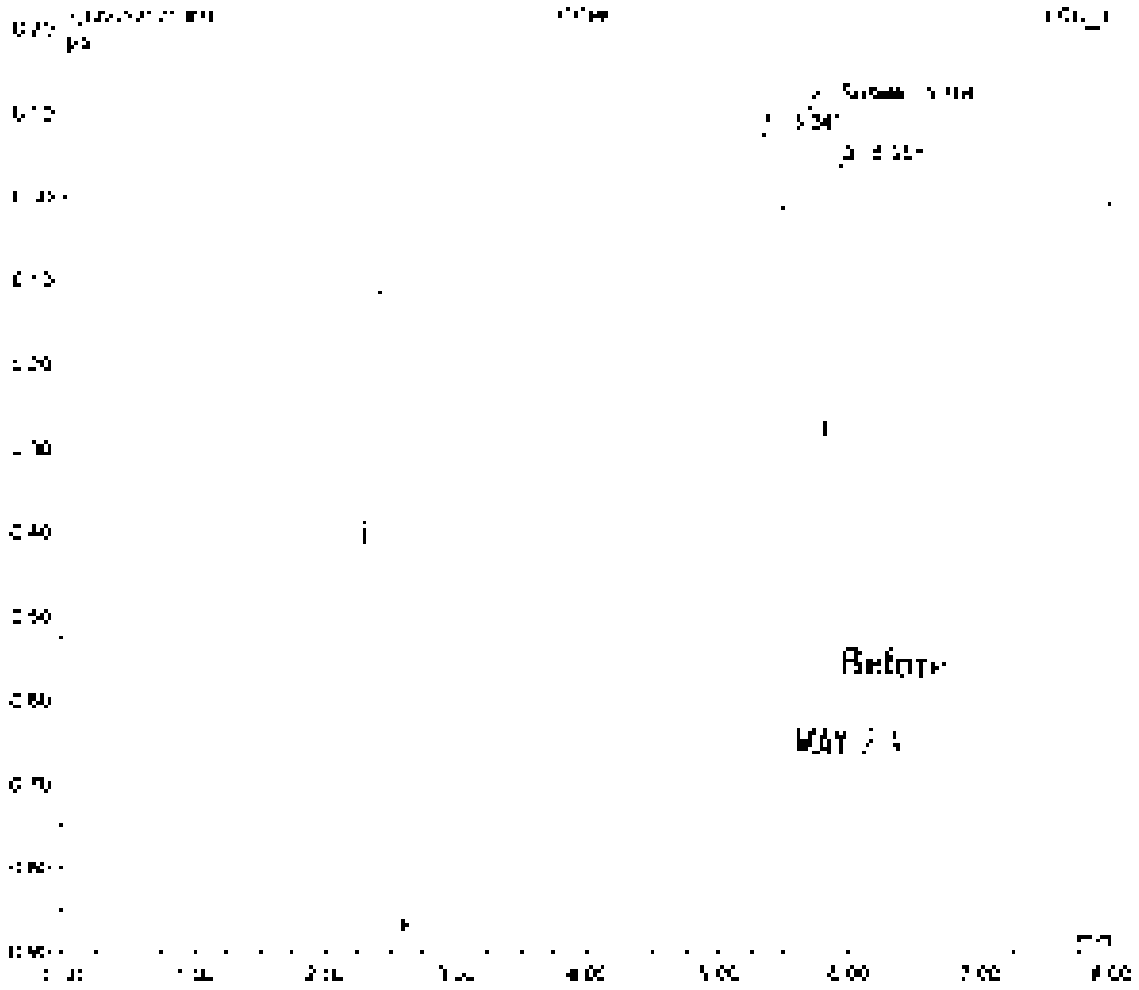
Sample Name	[illegible]	Injection	[illegible]
Sample Type	Unknown	Dilution Factor	1.0000
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Peak Filter	[illegible]

No	Retention time	Peak Name	Type	Area µS*min	Height µS	Amount
		TOTAL		[illegible]	[illegible]	[illegible]



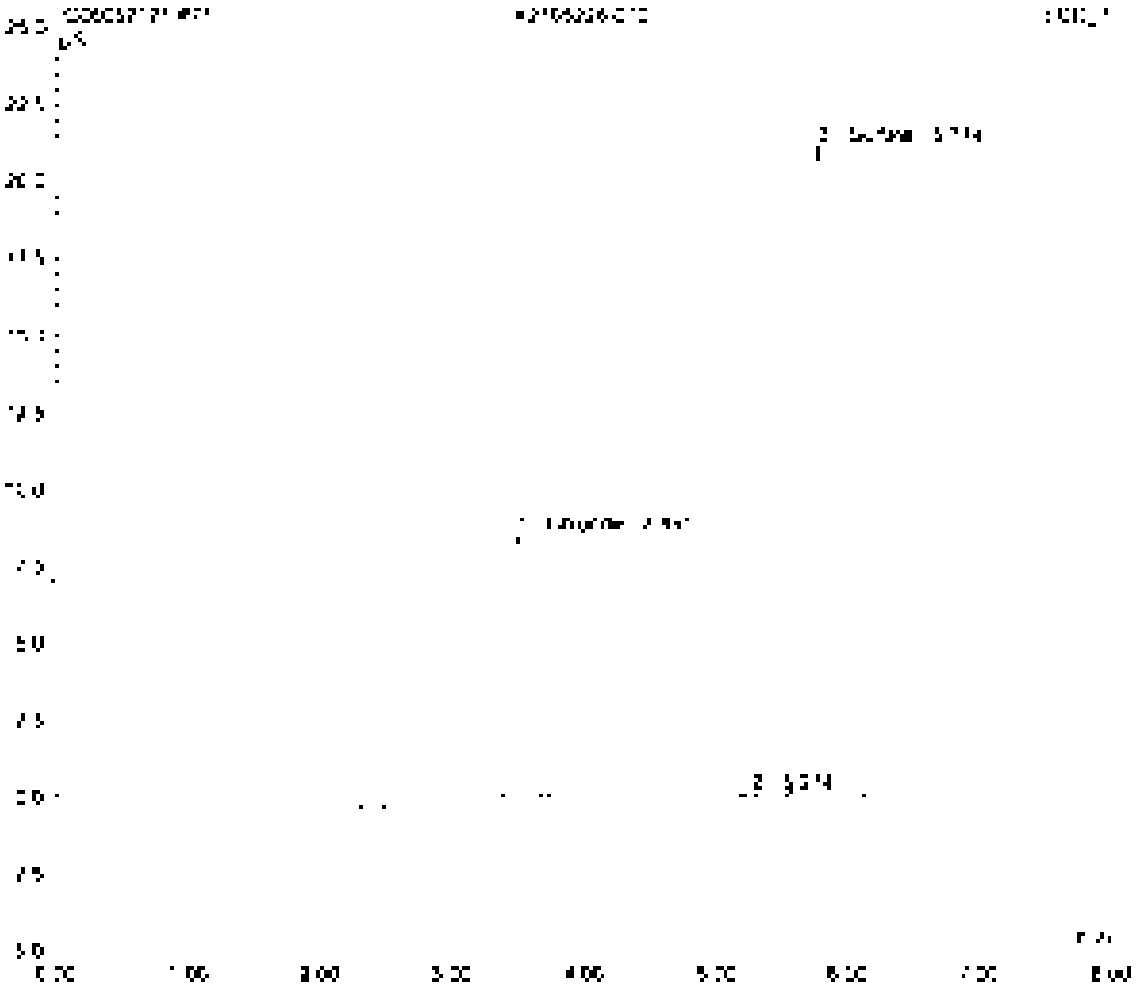
Sample Name	CCBM	Inj. Vol	200
Sample Type	unknown	Dilution Factor	1.0000
Program	300 lc	Operator	n/a
Inj. Date/Time	22/06/21 [illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



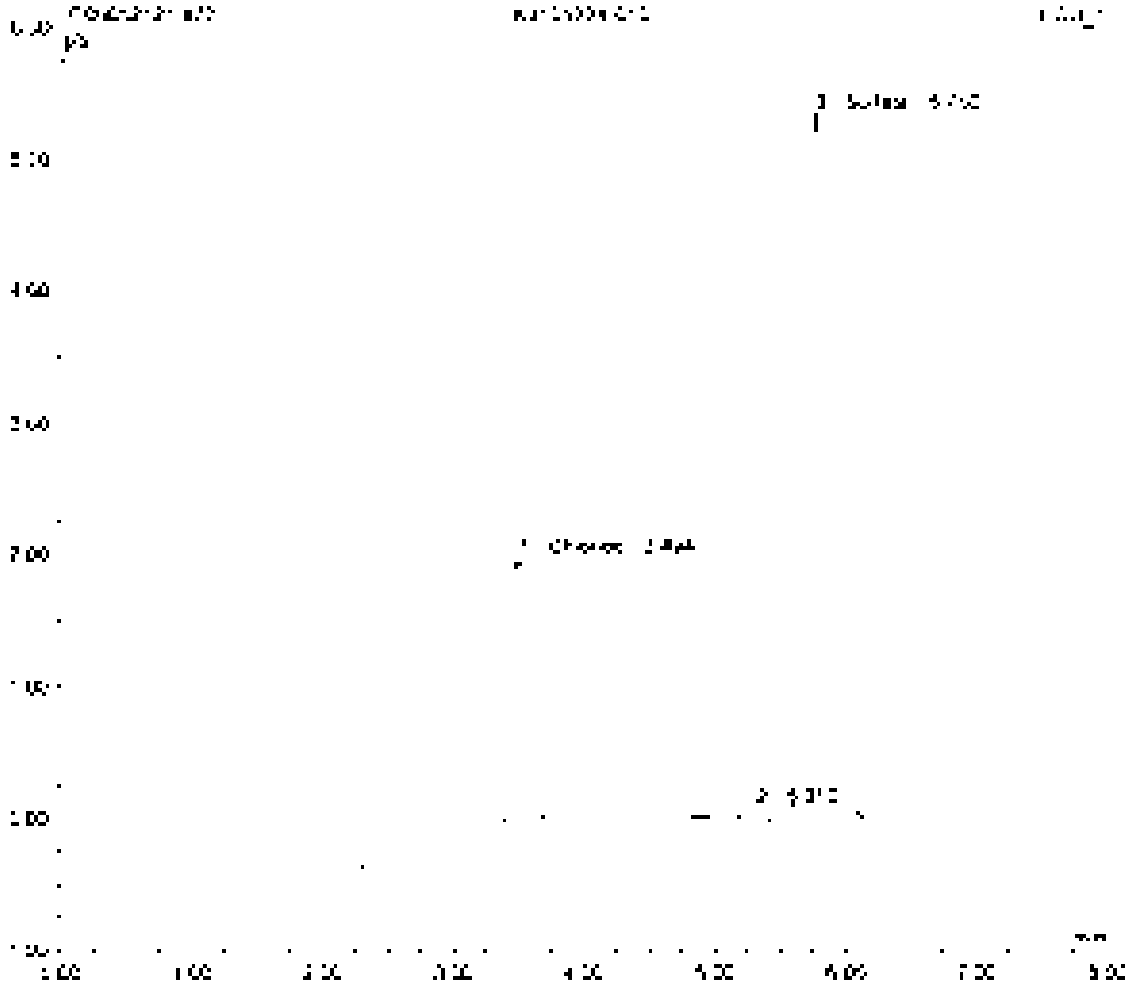
Sample Name	[illegible]	Inj Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj Date/Time	[illegible]	Acq Time	[illegible]

No	Time min	Peak name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



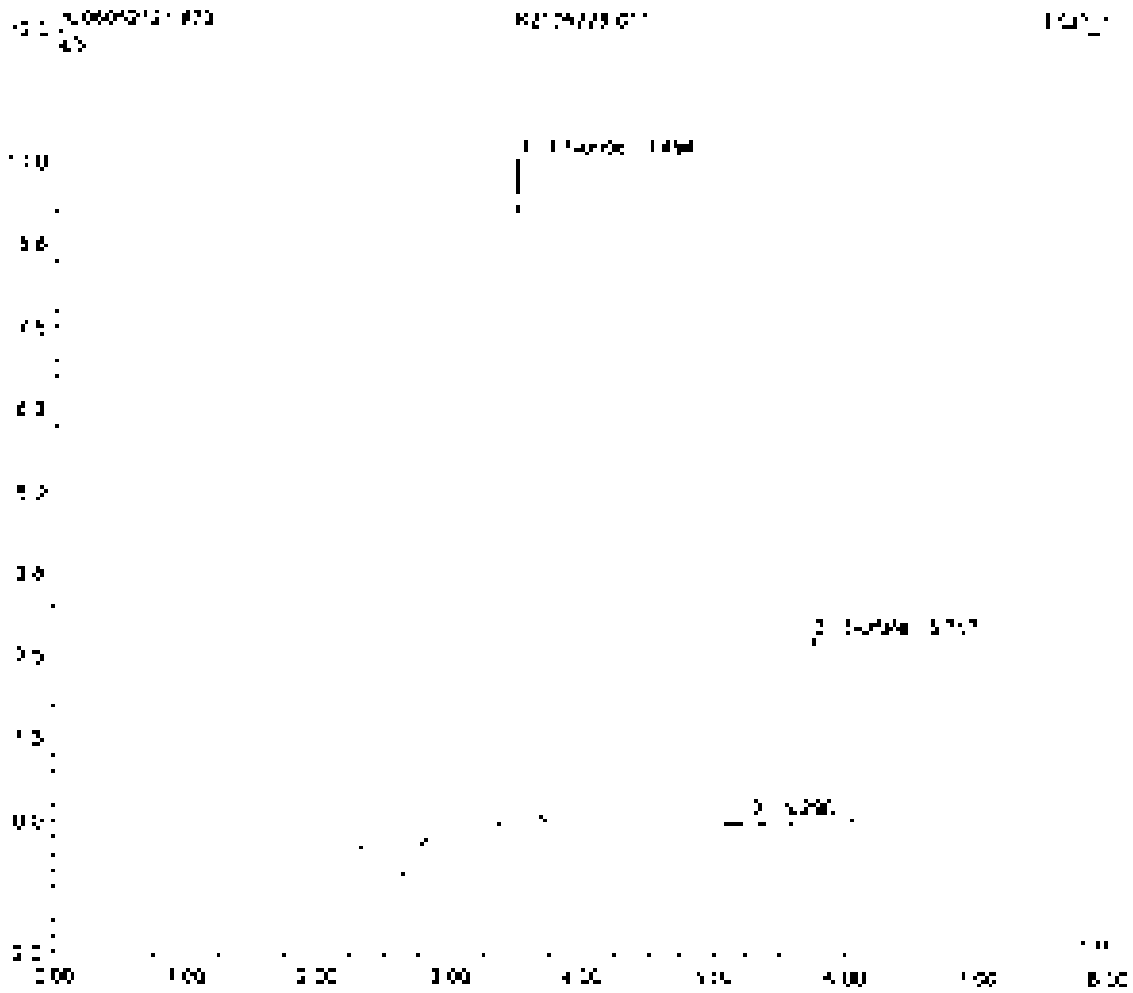
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n/a
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time (min)	Peak Name	Type	Area (µS*min)	Height (µS)	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



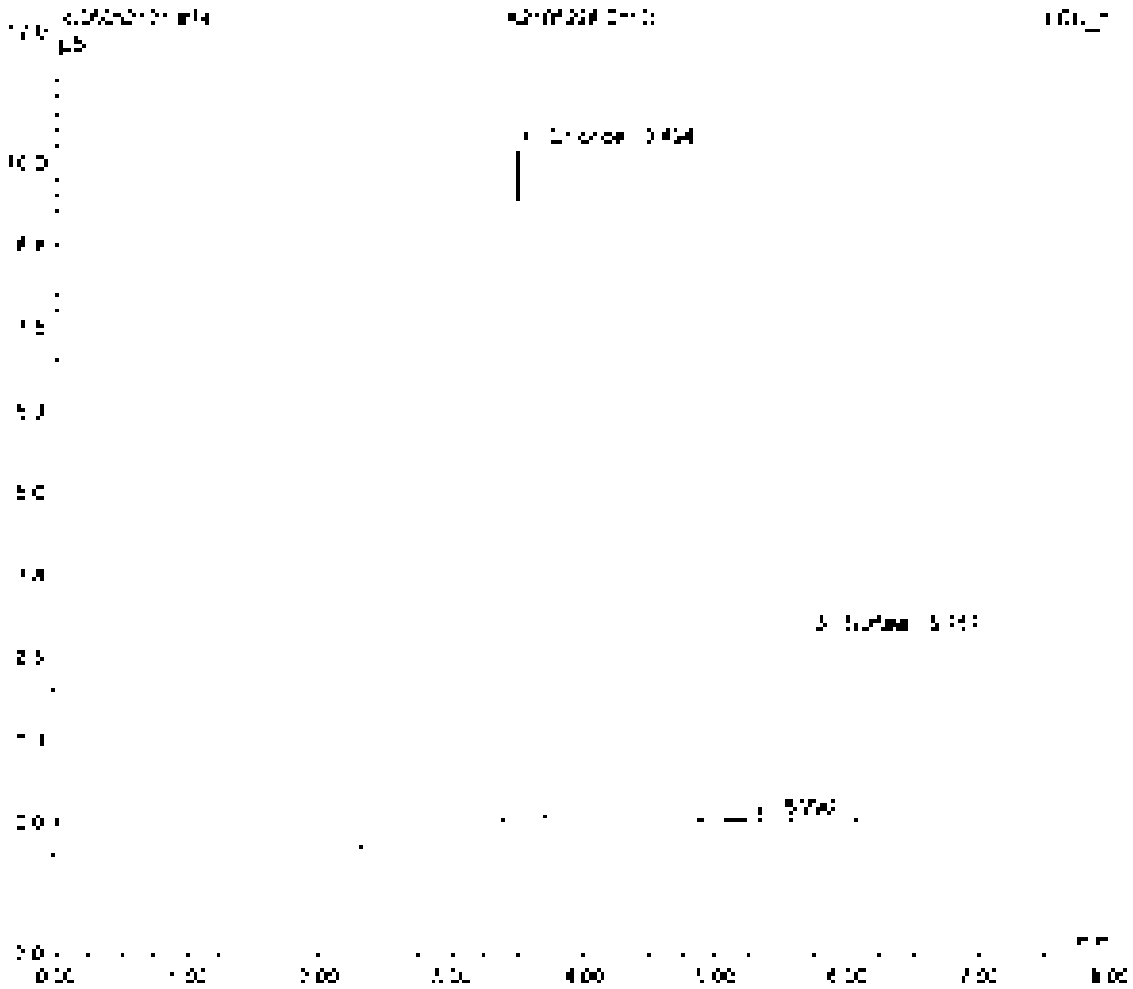
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	10.0000
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µV*min	Height µV	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



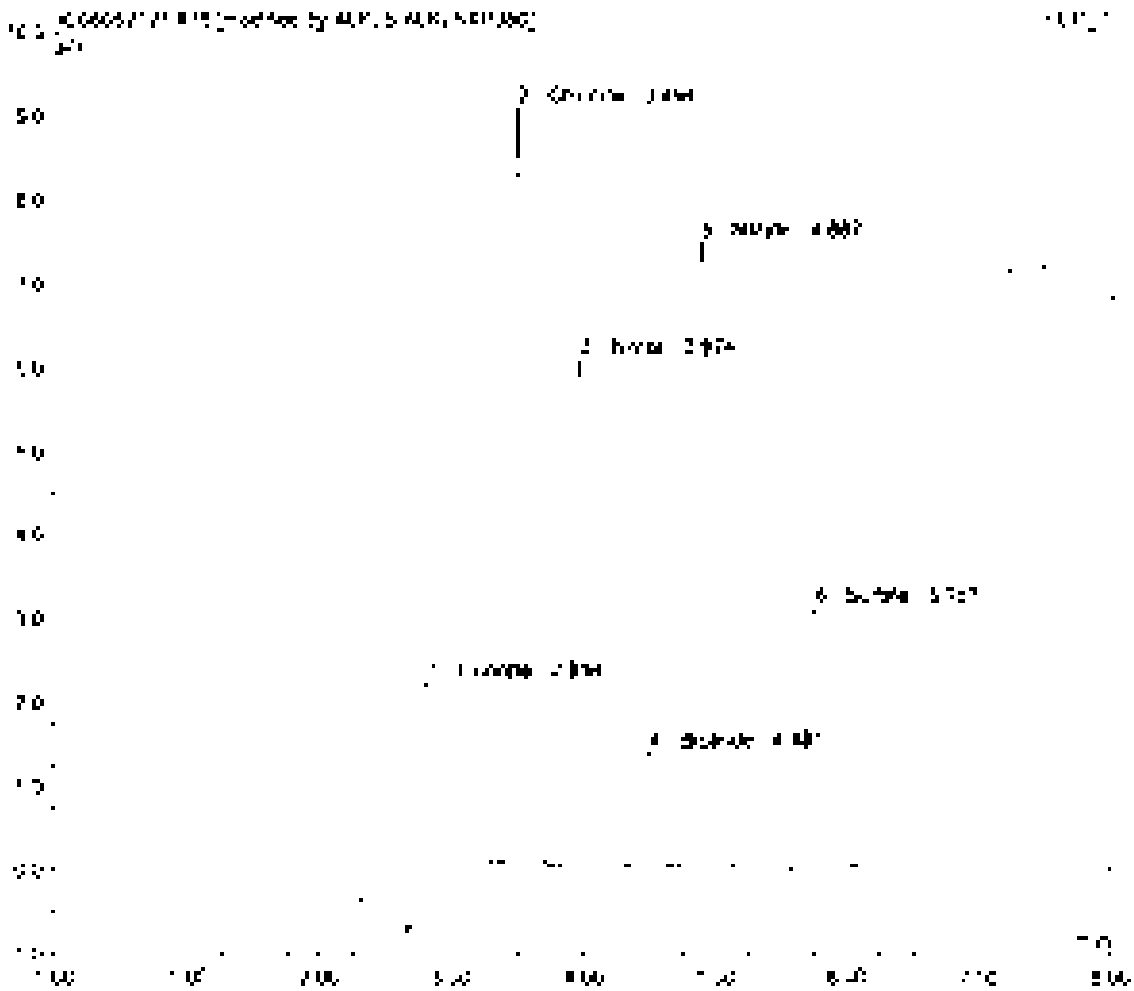
Sample Name	[illegible]	Inj. No	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



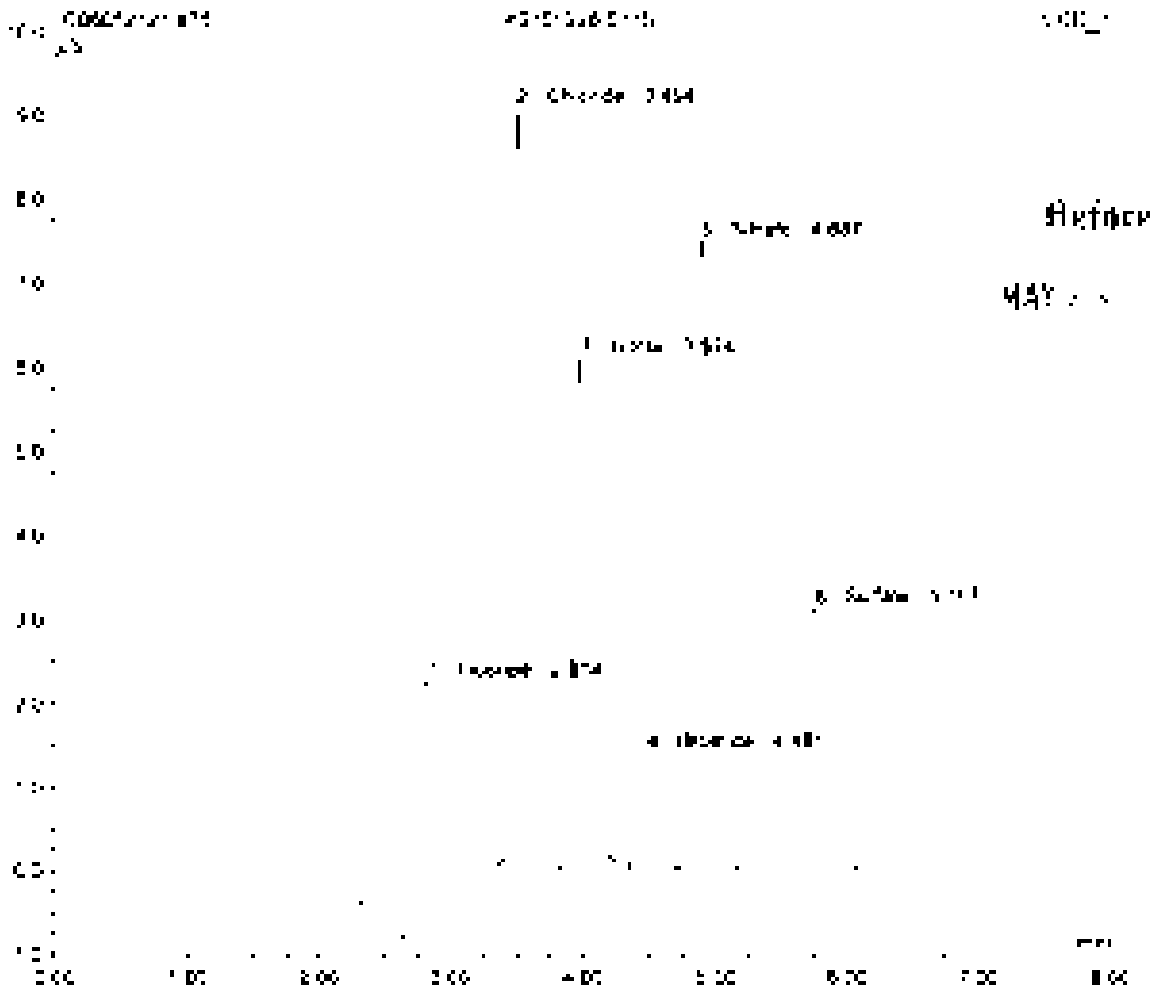
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/cm·min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



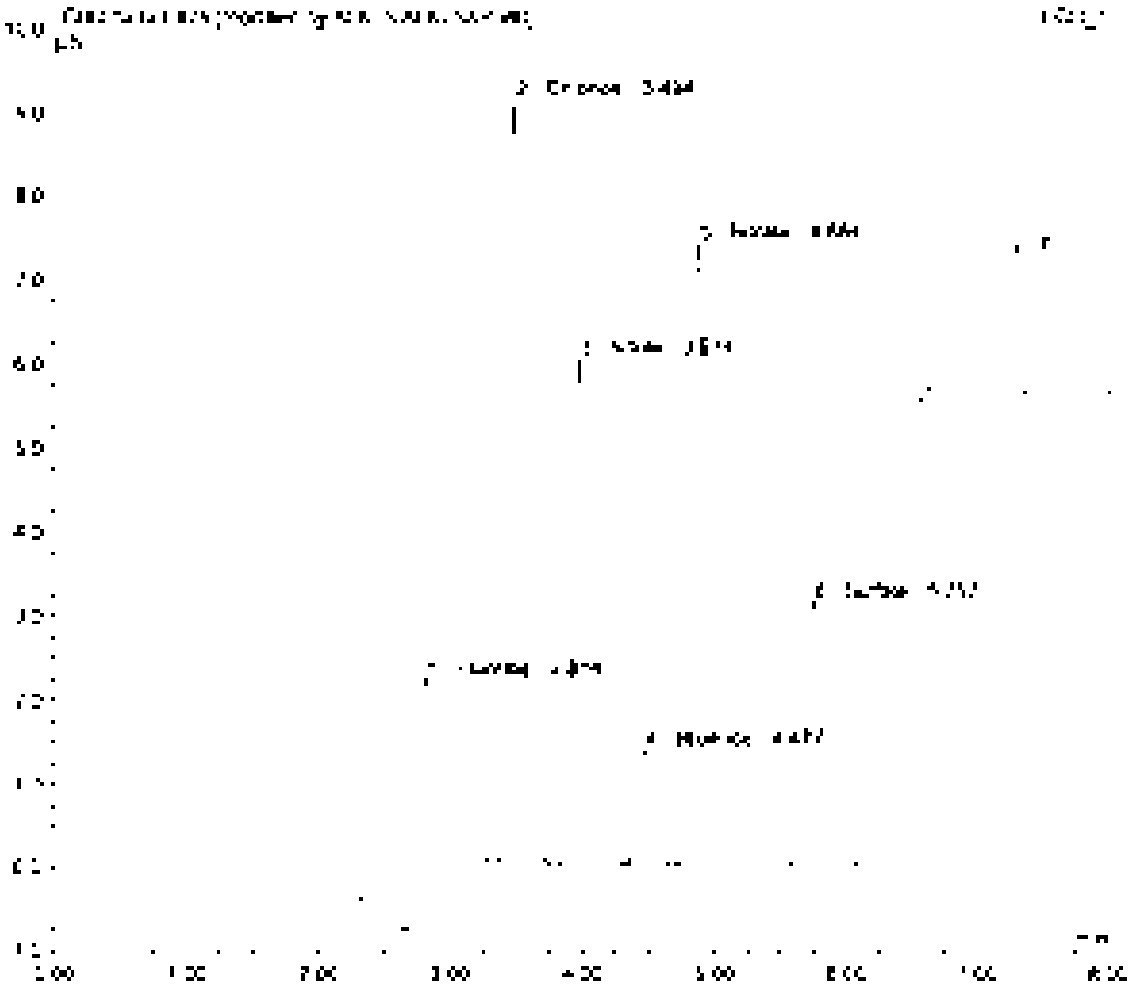
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



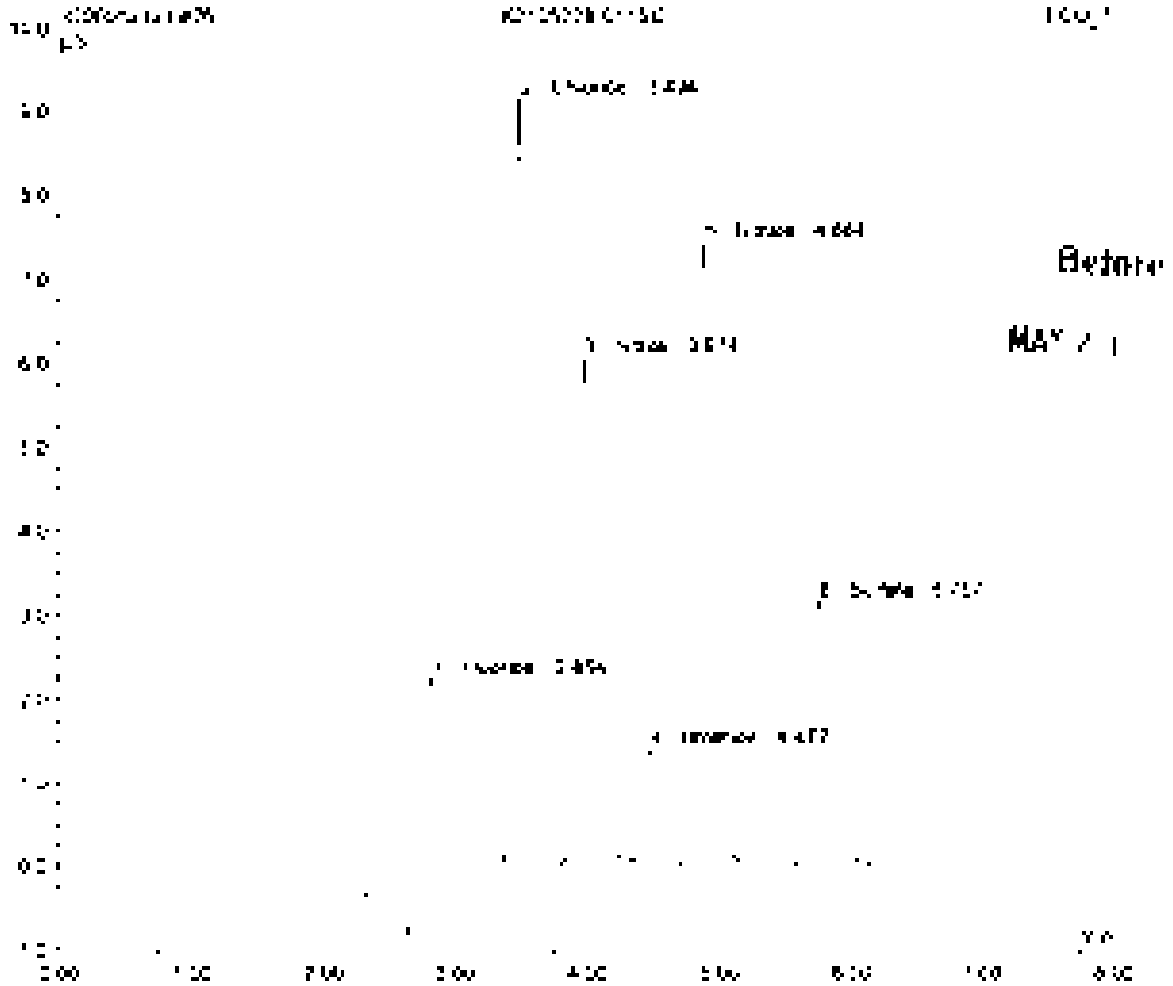
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



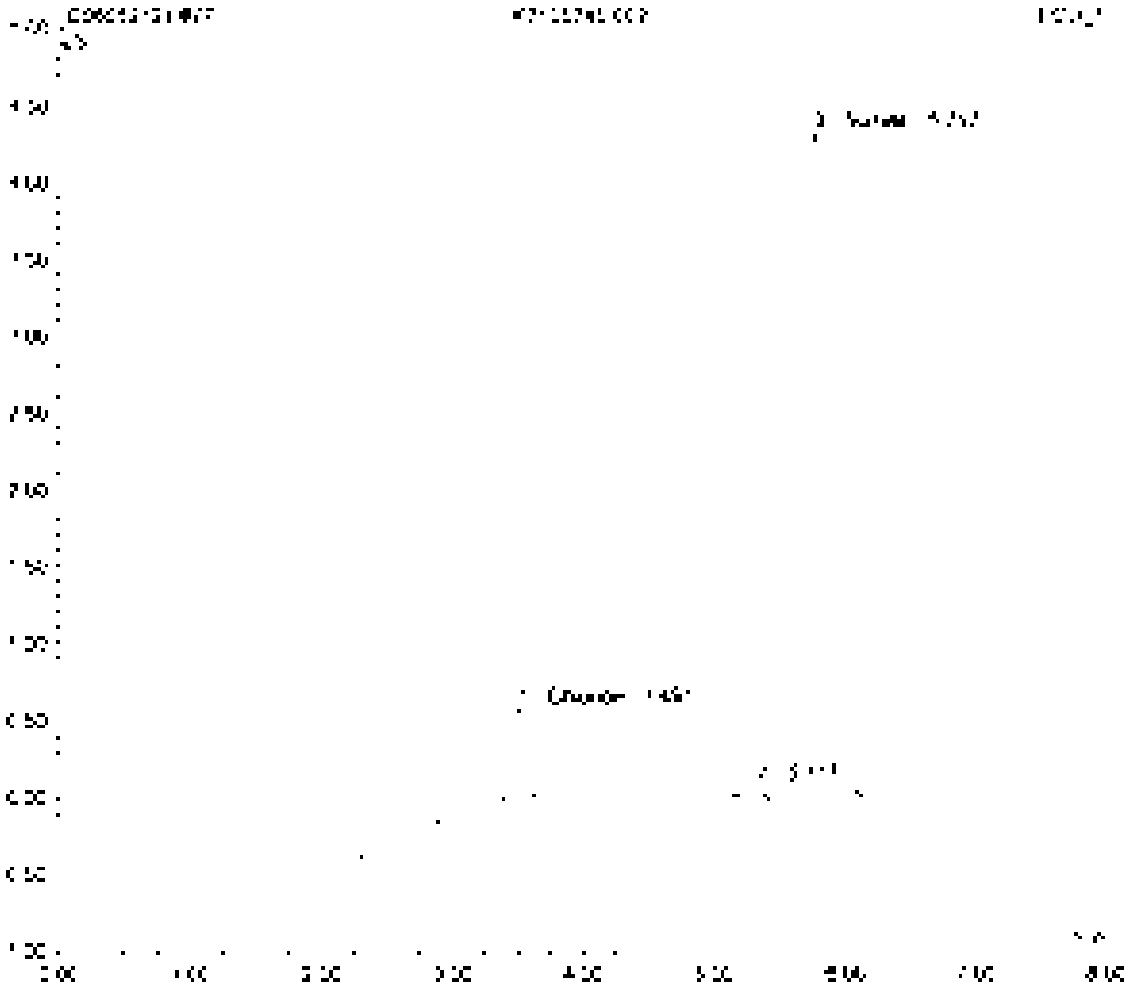
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Type	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



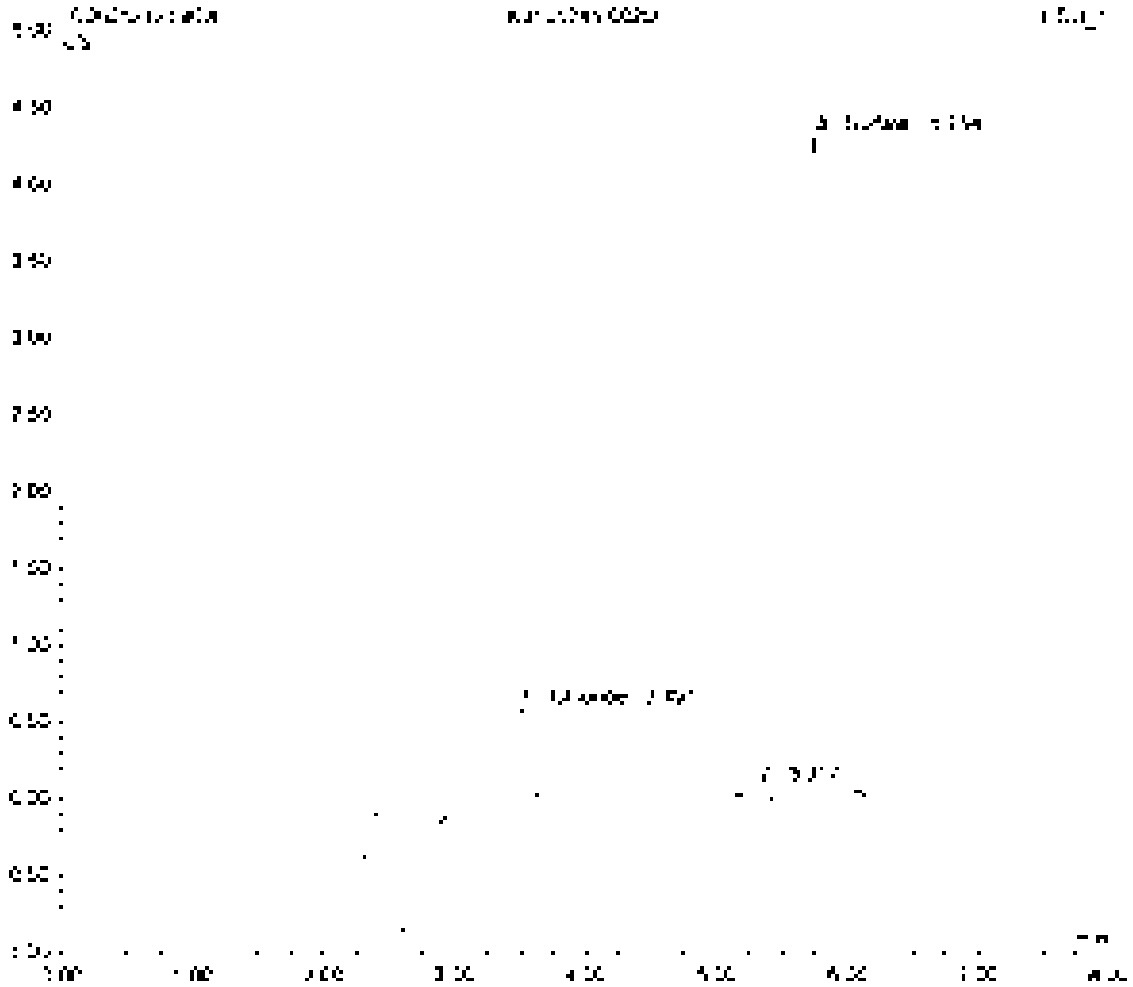
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date-Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



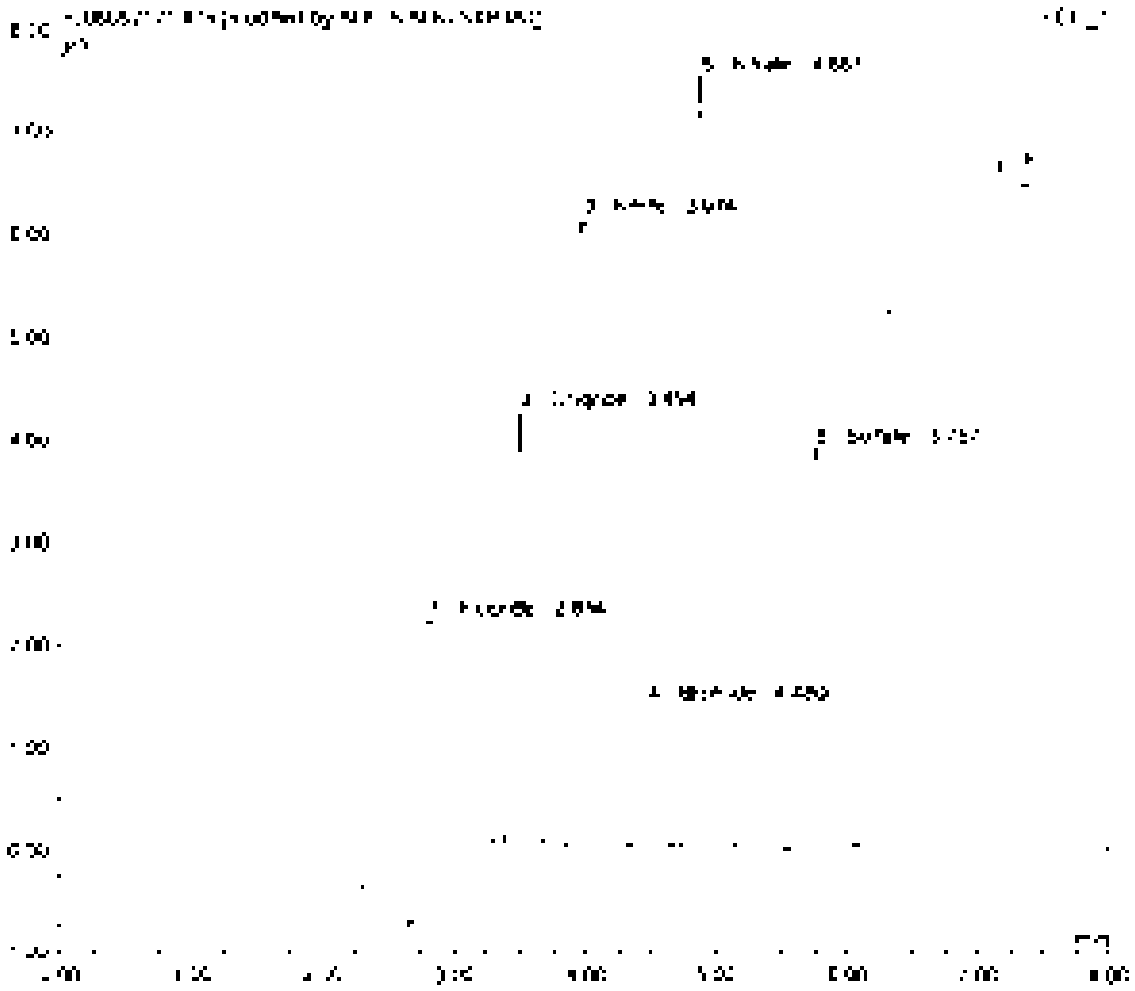
Sample Name	[illegible]	Injection	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Injection Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



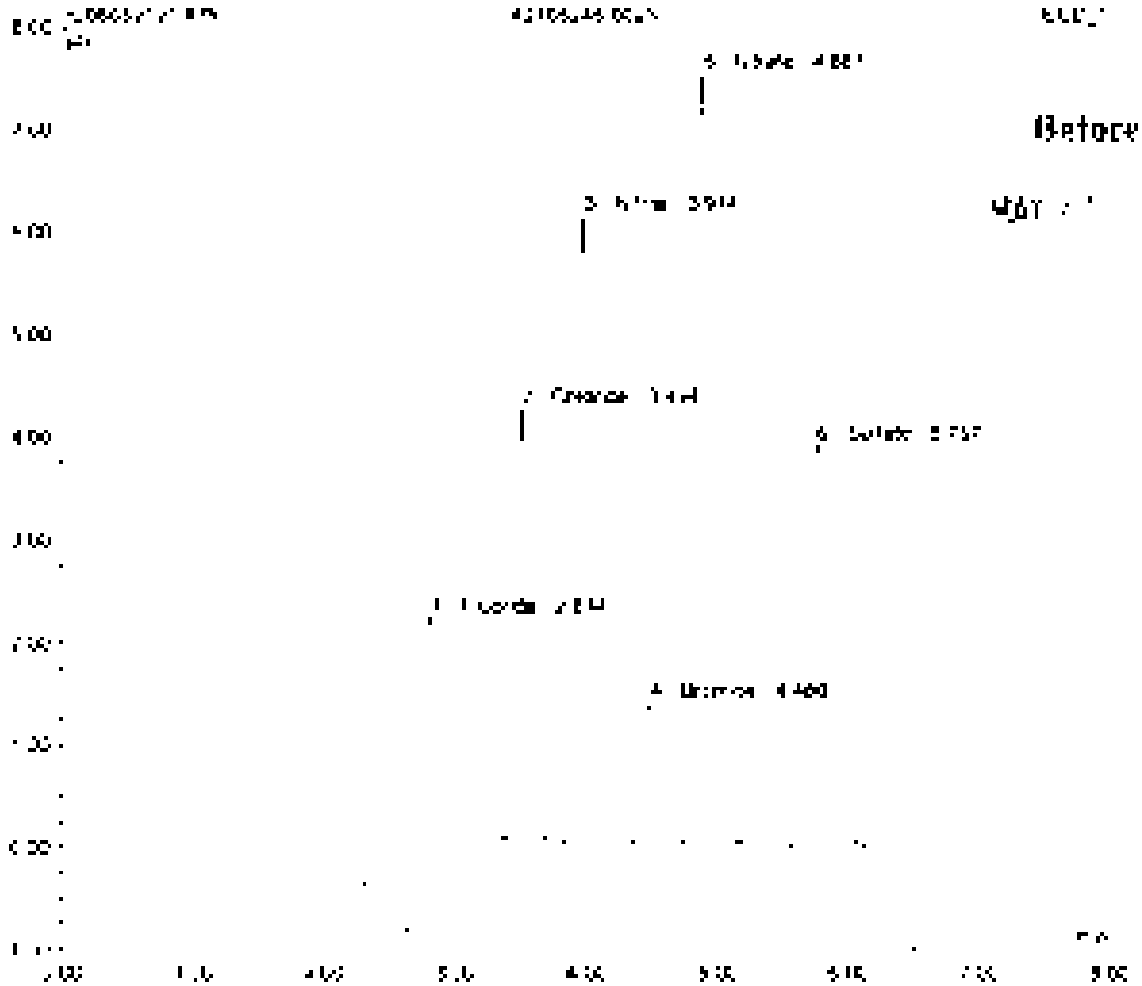
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/cm	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



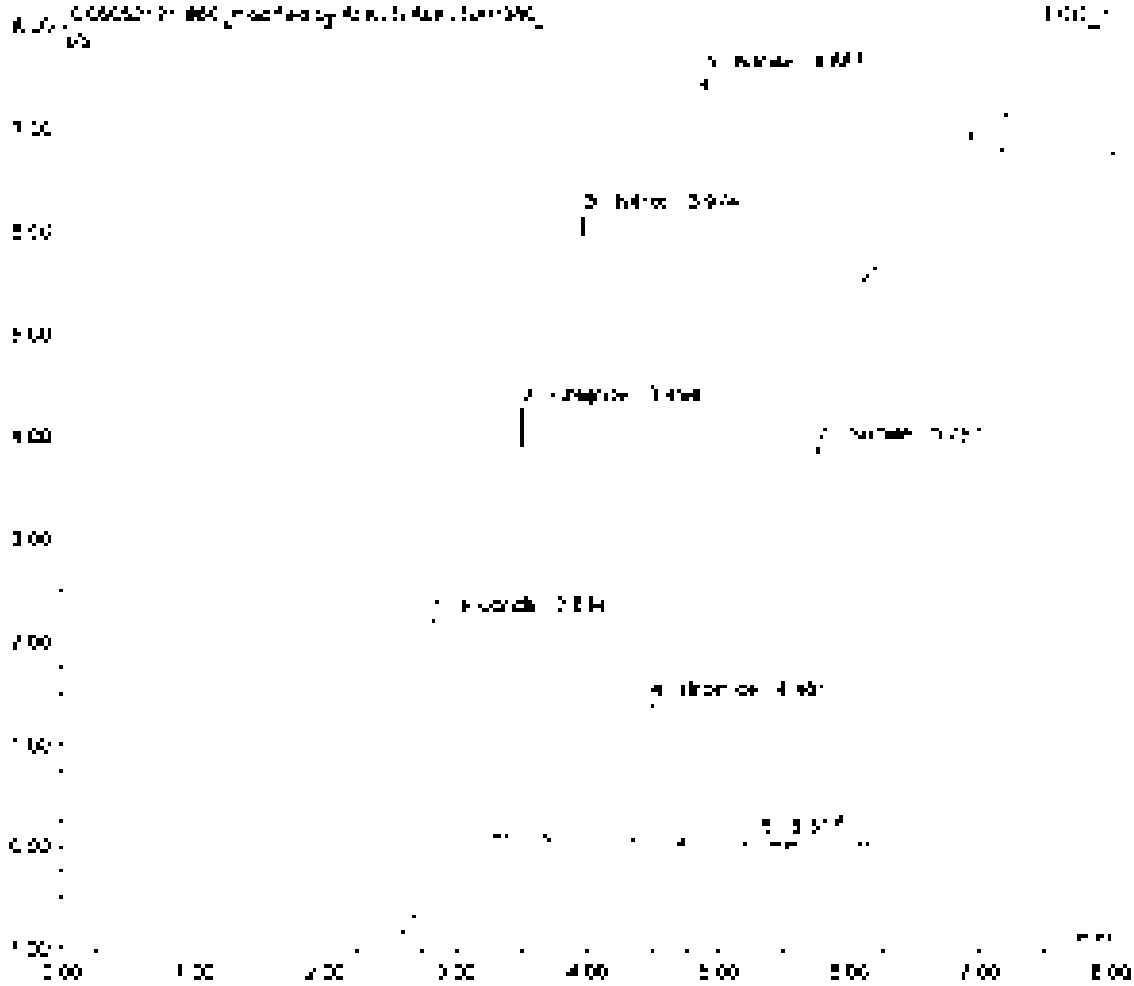
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	100.0000
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		TOTAL		[illegible]	[illegible]	[illegible]



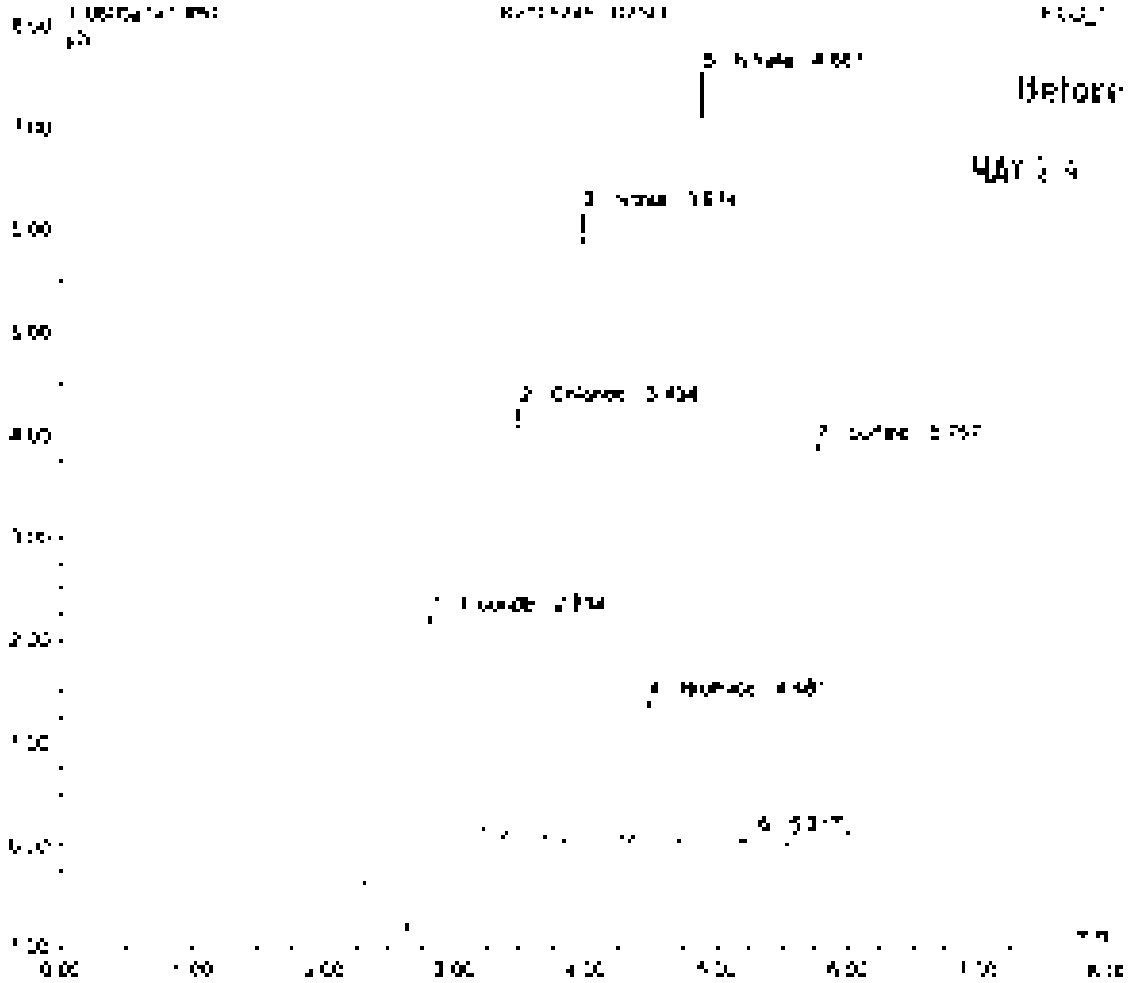
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



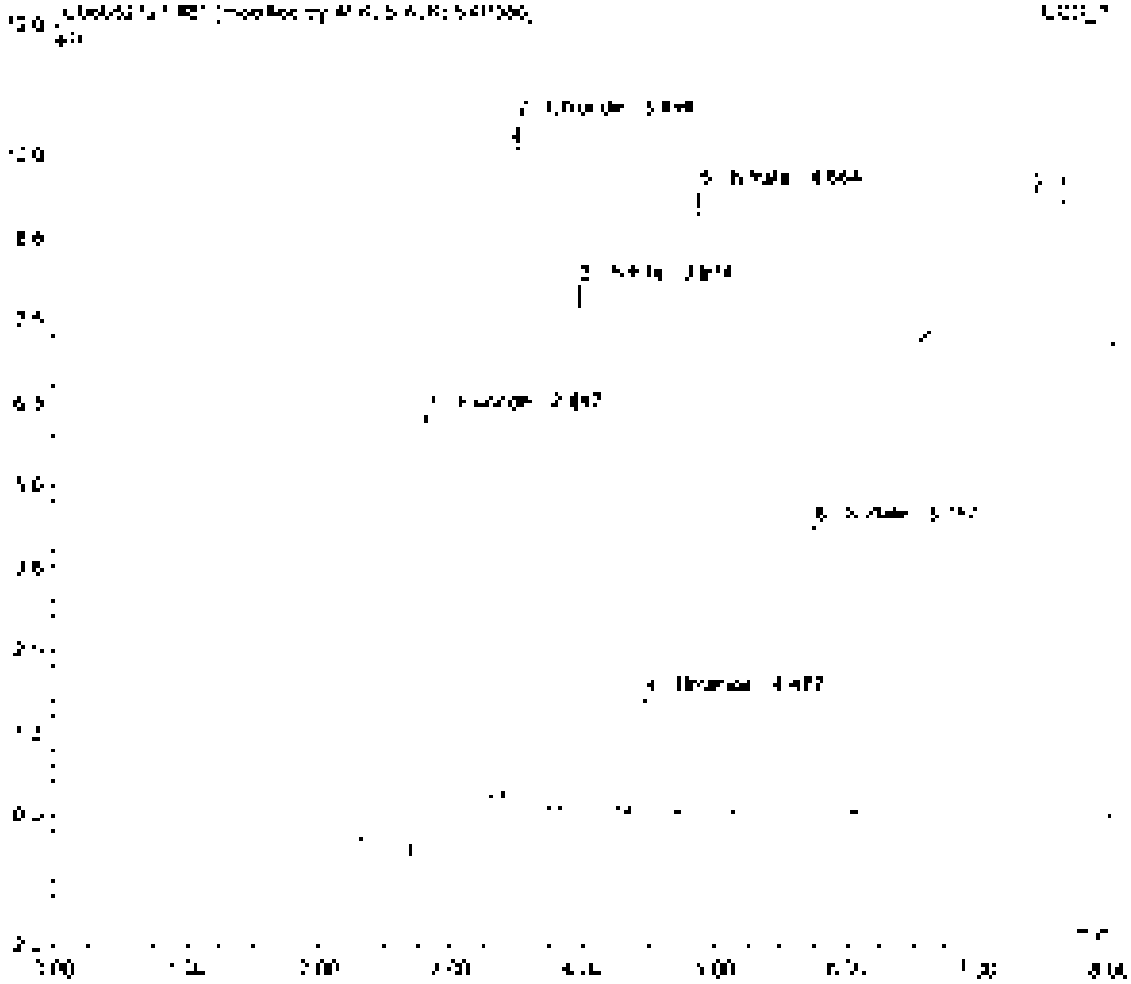
Sample Name	[illegible]	Inj. No.	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	BM	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	MB	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



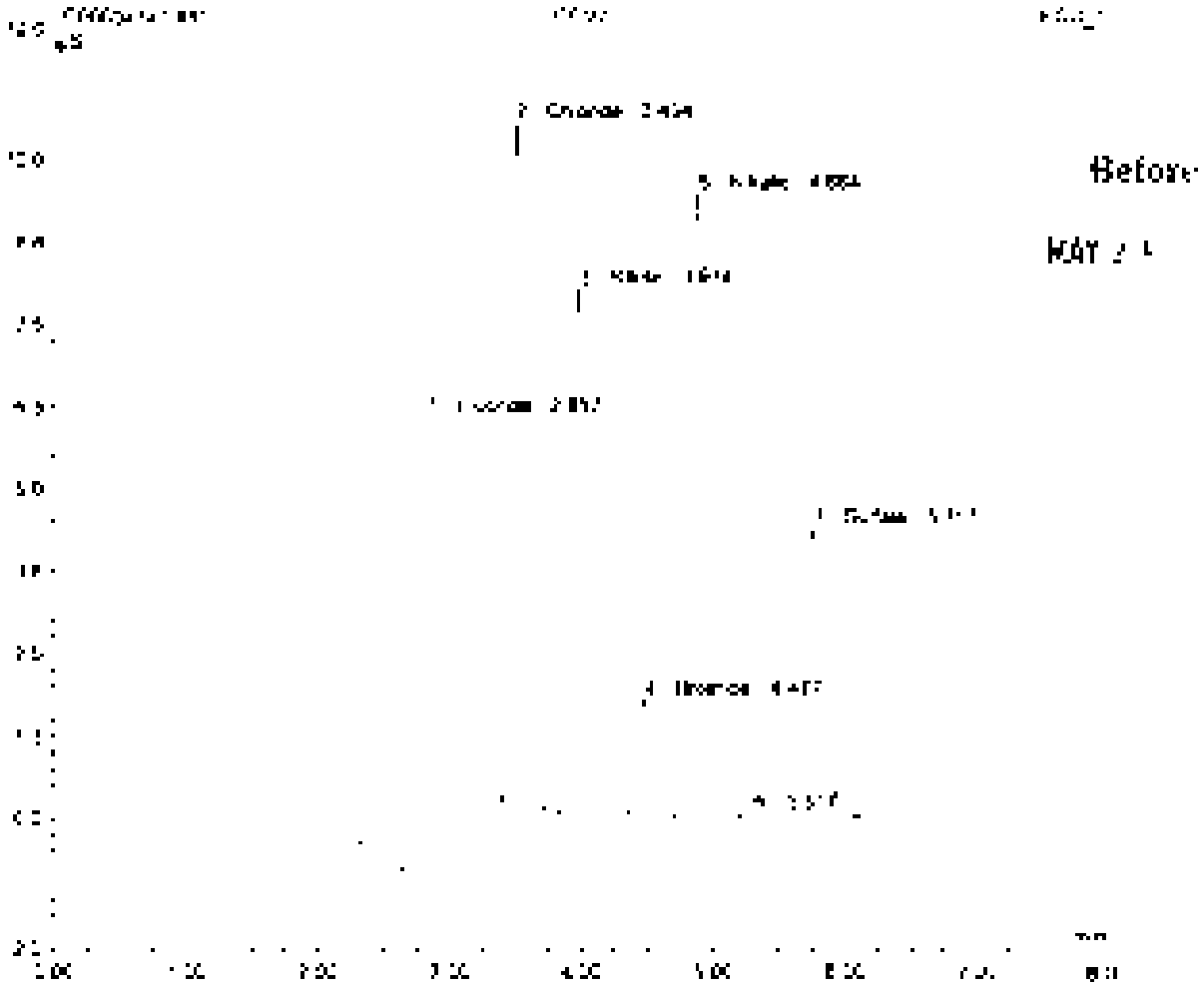
Sample Name	DCM	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	1.0000
Program	360_fx	Operator	n/a
Inj. Date/Time	22/06/21 [illegible]	Run Time	[illegible]

No	Time min	Peak name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



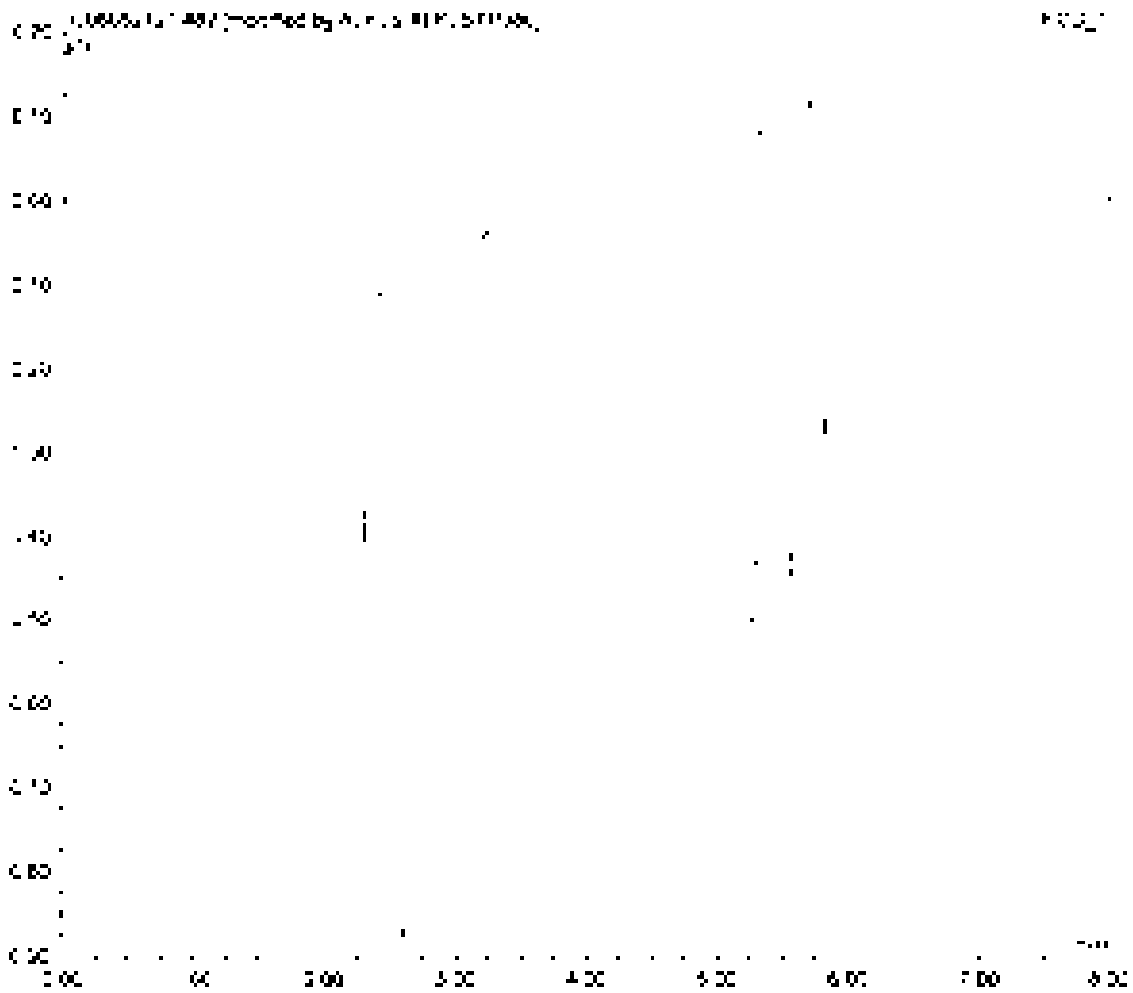
Sample Name	CCVT	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	BV	[illegible]	[illegible]	[illegible]
2	[illegible]	Chloride	VV	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	VV	[illegible]	[illegible]	[illegible]
4	[illegible]	Nitrite	VV	[illegible]	[illegible]	[illegible]
5	[illegible]	Bromide	VV	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	VV	[illegible]	[illegible]	[illegible]
7	[illegible]	Sulfate	VBA	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



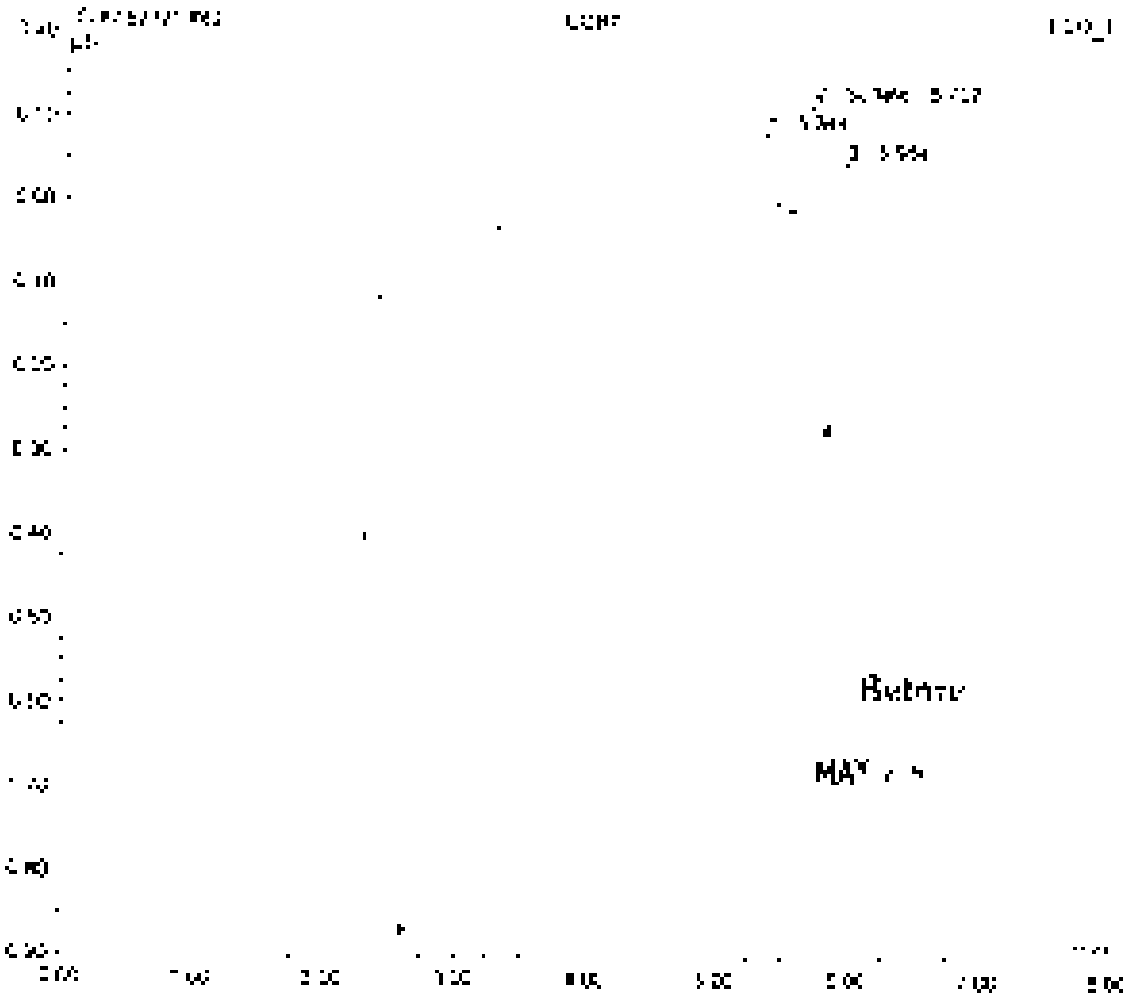
Sample Name	CCB1	Inj Vol	50.0
Sample Type	Unknown	Dilution Factor	1.0000
Program	380_6c	Operator	n.a.
Inj Date/Time	22/06/21 03:23	Run Time	1.00

Inj	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
		TOTAL		[illegible]	[illegible]	[illegible]



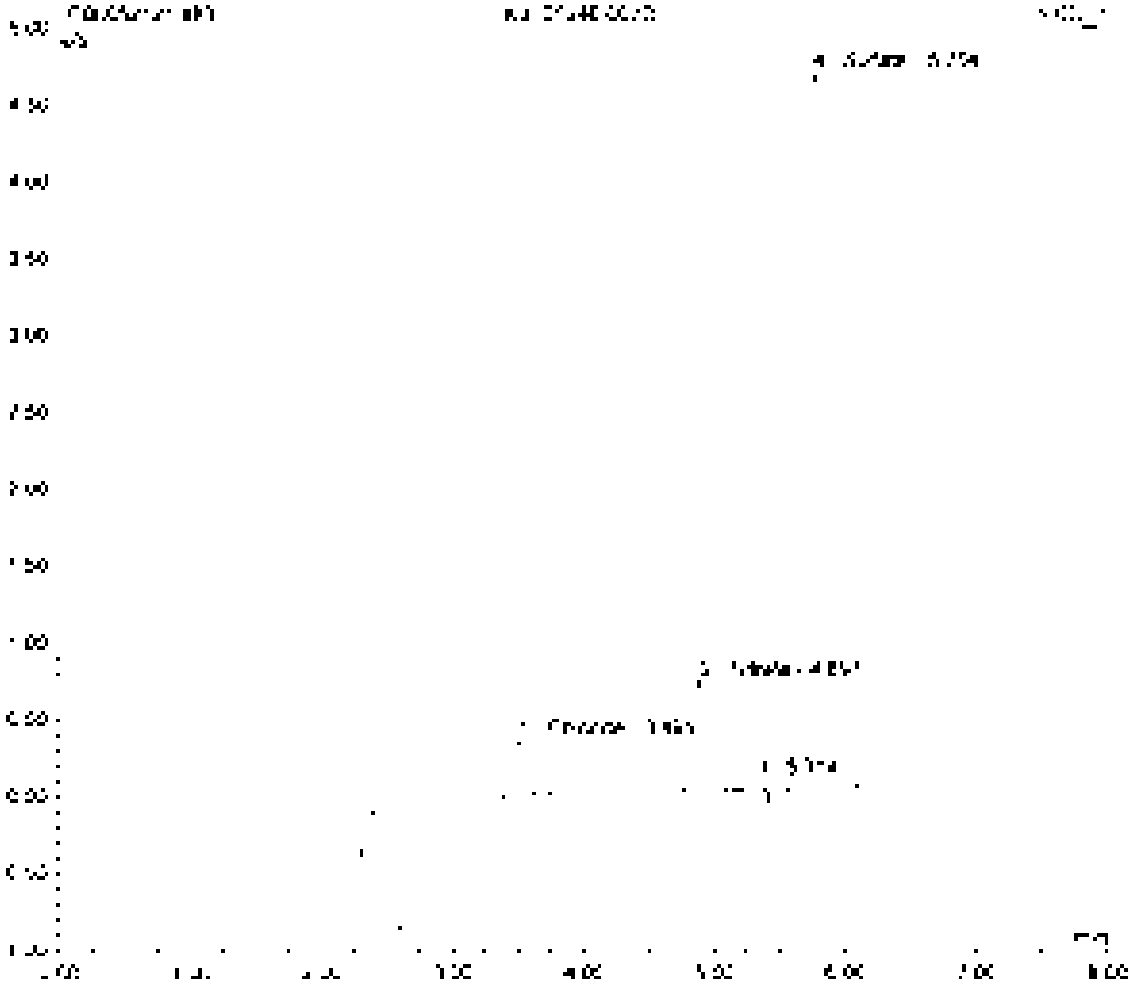
Sample Name	CCB7	Inj Vol	[illegible]
Sample Type	Unknown	Dilution Factor	1.0000
Program	365_5c	Operator	[illegible]
Inj Date/Time	2306/21 [illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
2	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



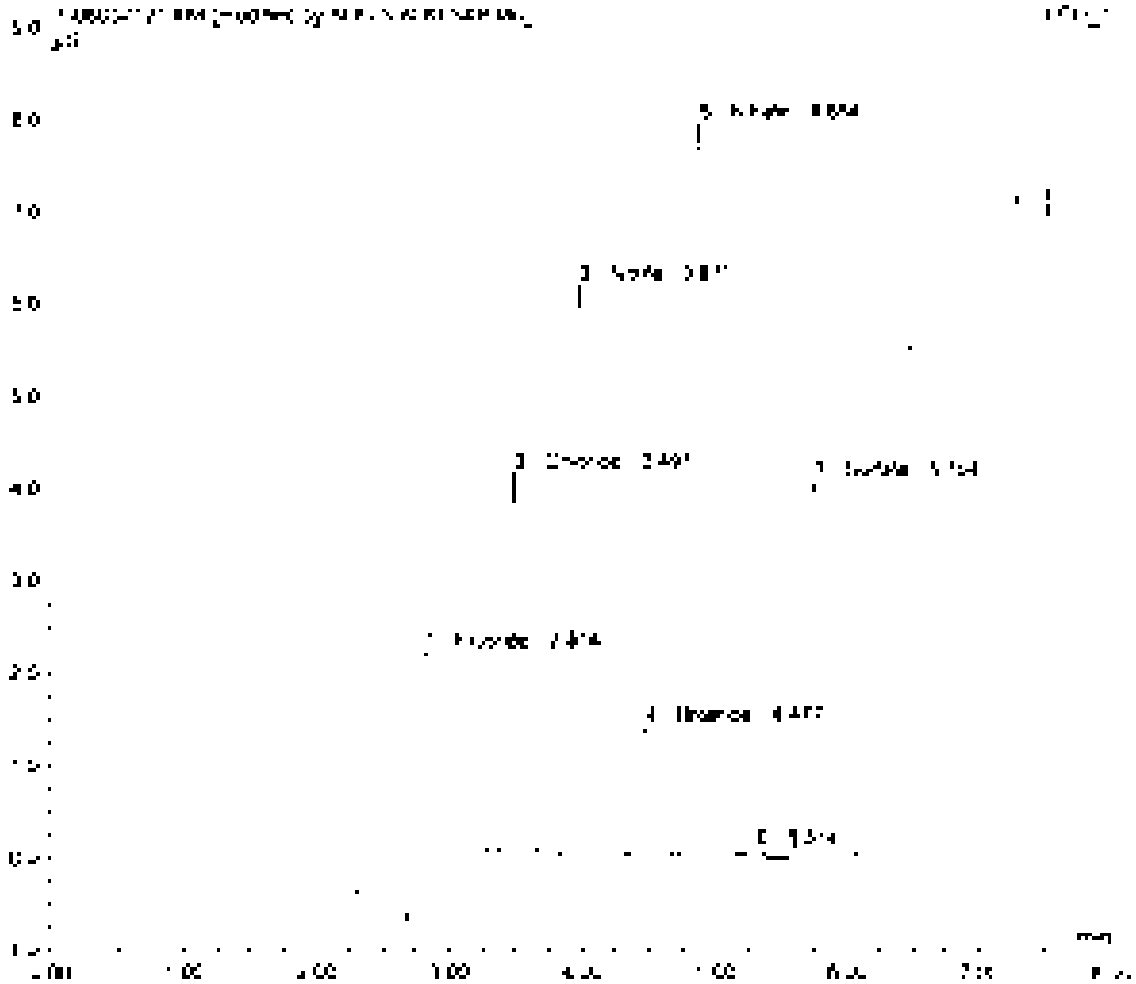
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



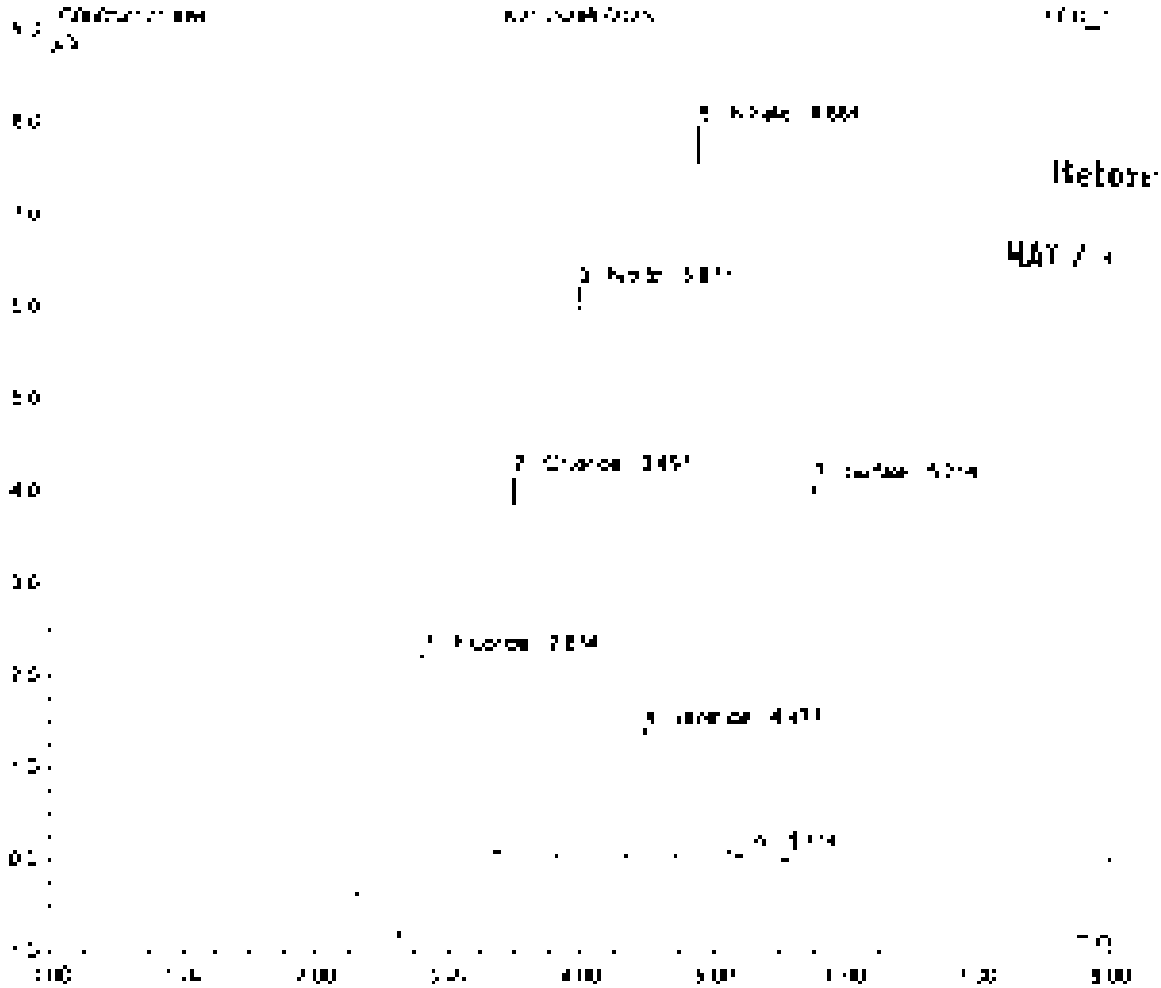
Sample Name	[illegible]	Inj. Vol	20.0
Sample Type	unknown	Dilution Factor	40.0000
Program	380 ic	Operator	[illegible]
Inj. Date/Time	2104/21 [illegible]	Run Time	8.00

No	Time min	Peak Name	Type	Area µS/cm	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



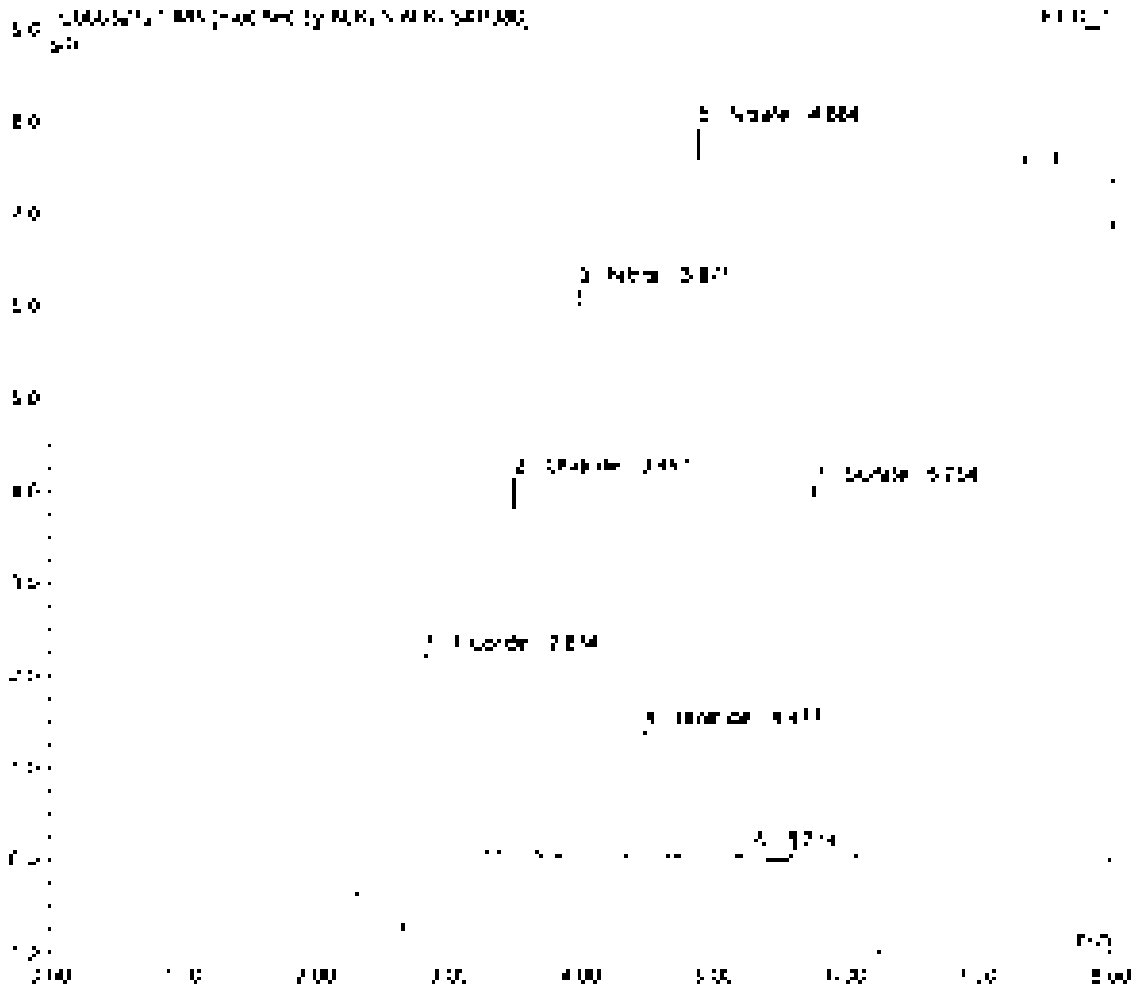
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	300, Inc	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



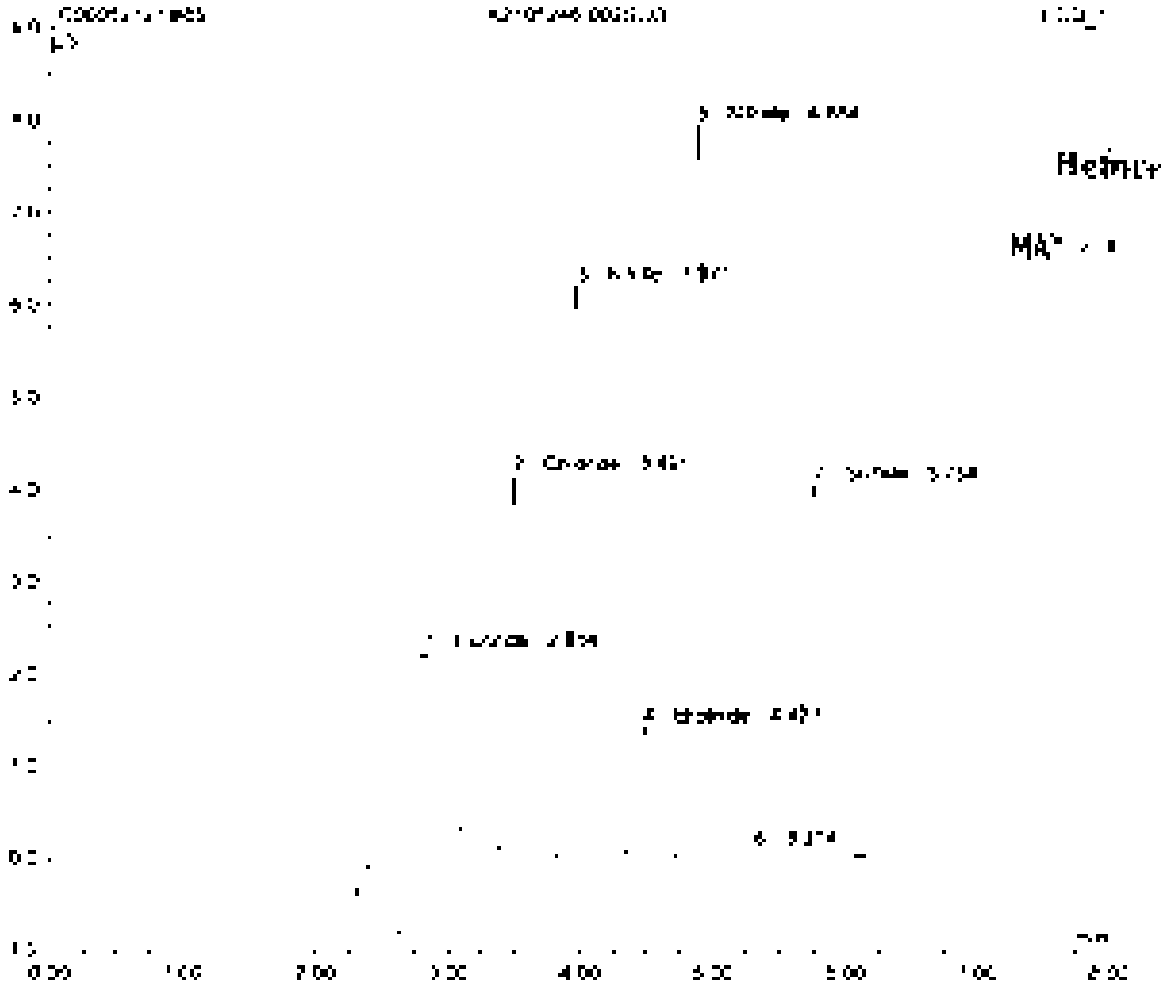
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount ppm
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



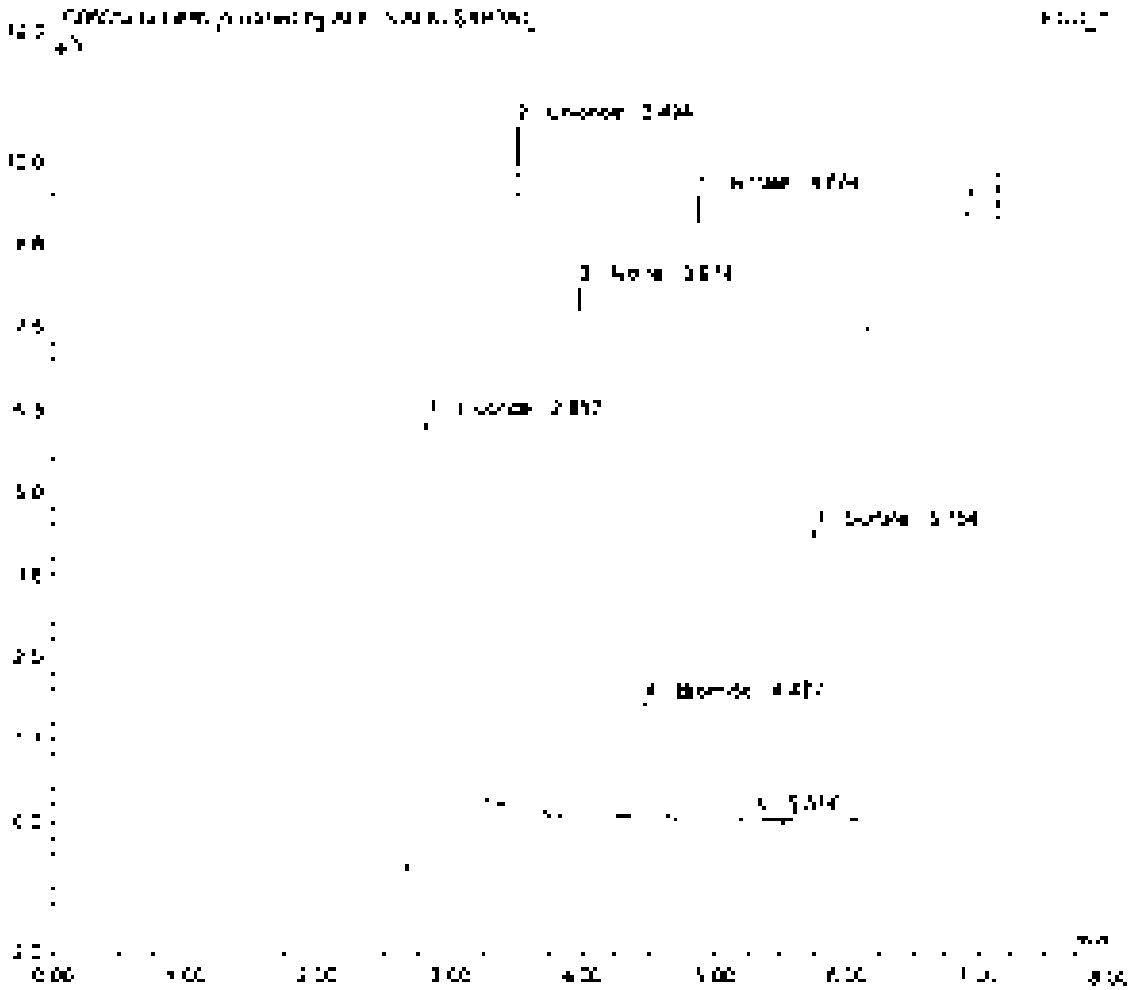
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	BM	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	MS	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



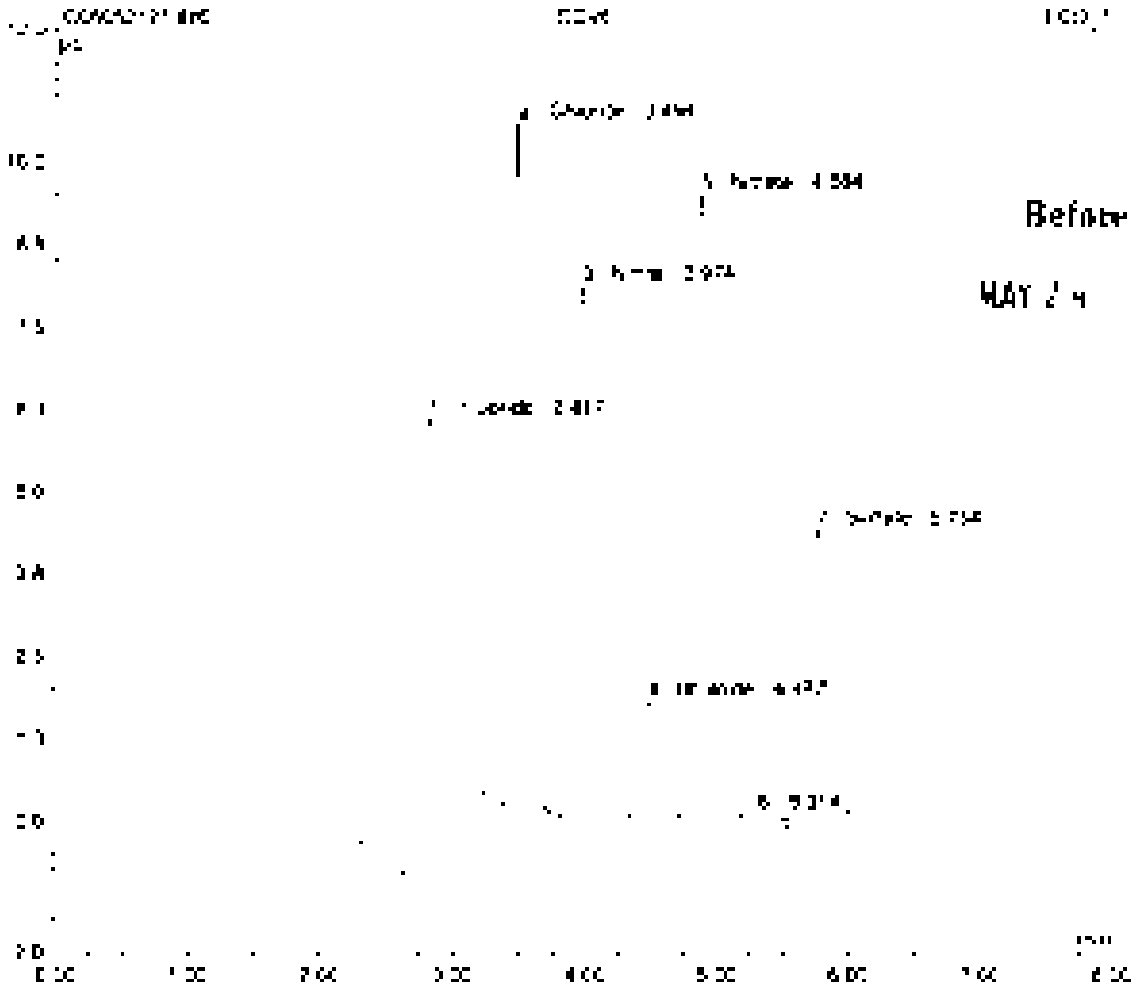
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



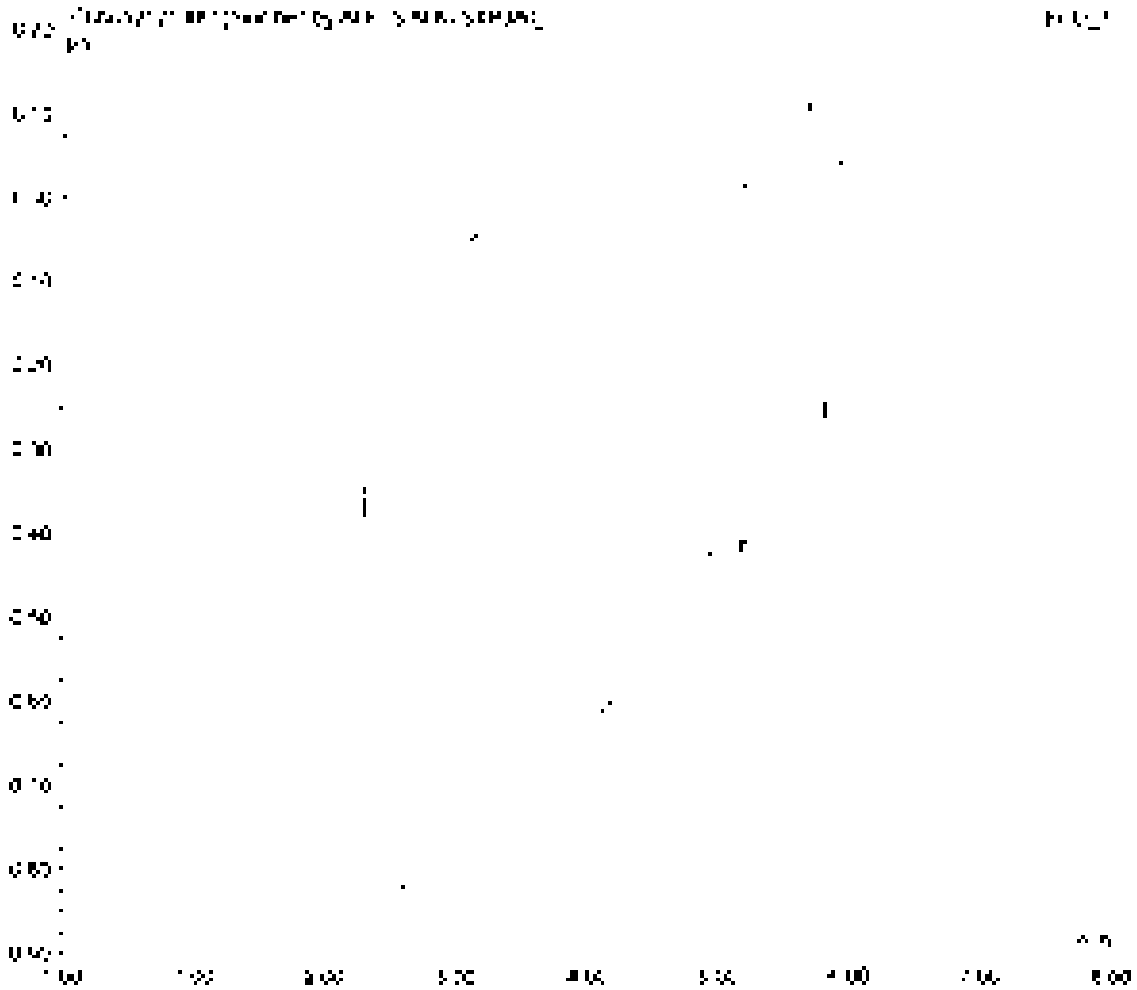
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	304_Ic	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



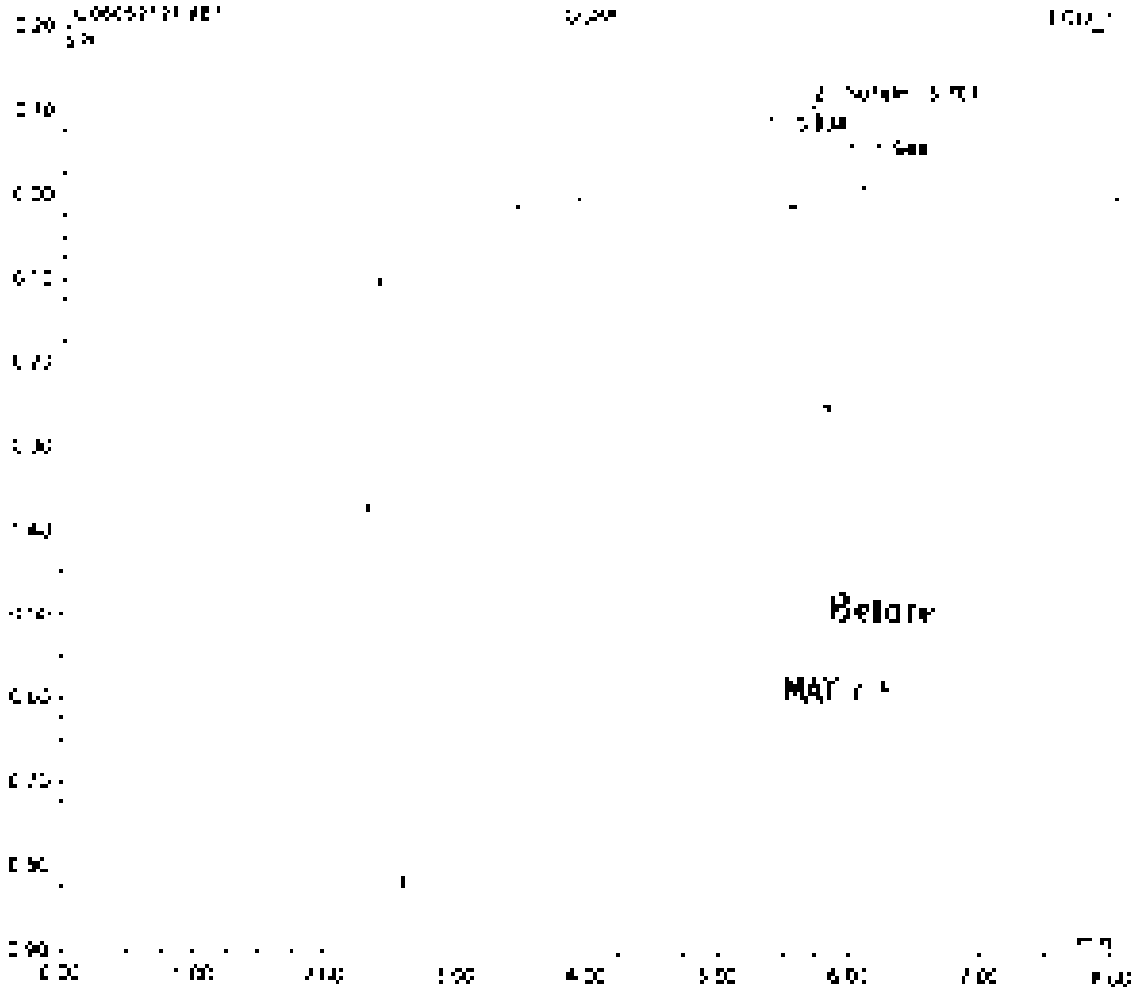
Sample Name	DCBM	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	1.0000
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
		TOTAL		0.00	[illegible]	[illegible]



Sample Name	[illegible]	Injection	[illegible]
Sample Type	Unknown	Dilution Factor	1.0000
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µV*sec	Height µV	Amount
2	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



Work Request #

TAT:

Date Analyzed:

Analyst:

Run #

Analyst:

DATA QUALITY REPORT
INORGANICS

Explain any "no" responses to questions below, and any corrective actions in the comments section below.

1.	Is the method name and number correct and appropriate?	yes/no/N/A
2.	Holding times met for all analyses and for all samples?	yes/no/N/A
3.	Are definitions correct?	yes/no/N/A
4.	Is the reporting basis correct? (Dry Weight)	yes/no/N/A
5.	All quality control criteria met?	yes/no
6.	Is the calibration curve correlation coefficient ≥ 0.9991?	yes/no/N/A
7.	MBs, CCVs, CCBs, LCSs, Dups, and Spikes, analyzed at proper frequency?	yes/no/N/A
8.	Are ICVs, CCVs, and CCBs all within acceptance limits?	yes/no/N/A
9.	Are results for methods blanks all ND?	yes/no/N/A
10.	Are all QC samples within acceptance criteria? (LCS % rec, MS/DMS % rec, DUP or MS/DMS RPDs, etc.)	yes/no/N/A
11.	Are all exceptions explained?	yes/no/N/A
12.	Have all applicable service requests been reviewed?	yes/no/N/A
13.	Are all samples labeled correctly?	yes/no/N/A
14.	Were all instructions on the service request been followed? (e.g. Special MDLs, QC on a specific sample, Form V)	yes/no/N/A
15.	Are detection limits and units reported correctly?	yes/no/N/A
16.	Is the ensured space on the bench sheet crossed out?	yes/no/N/A
17.	Was analysis started in by the due date? (n-1)(If late record DRF)	yes/no/N/A

COMMENTS:

Final Approved by: Date:

Reviewer

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Template: [illegible]

Lab Code	Target Analyte	DL	Parent Sample	Status	Raw Result	Sample Amt	Final Result	DF	MDL	PQL	% Recov	% RSD	Date Analyzed	Sig?	Qual
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Testcode: SM4500-NH3 G, Ammonia-N

Lab Code	Target Analyte	CAS	Parent Sample	Status	Raw Result	Sample Size	Final Result	DF	MDL	PQL	% Rec	% RSD	Date Analyzed	Qualifier	Inc
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]

[illegible]

SEAL Analytical

Preparation Information Benchsheet

Prep Name: [illegible]
Batch: [illegible]

Prep Workstation: [illegible]
Prep Method:

Status: Prepped
Prep Date/Time: [illegible]

#	Lab Code	Client ID	Bt	Method (Test)	pH	Matrix	Aml Bxl	Final Vol	Sample Description
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]		[illegible] Water	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]		[illegible]	[illegible]		Water	[illegible]	[illegible]	
[illegible]	[illegible]		[illegible]	[illegible]		Water	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	

Preparation Information Benchsheet

Prep Batch: [illegible]
Team: [illegible]

Prep Workflow: [illegible]
Prep Method: [illegible]

Status: Prepped
Prep Date/Time: [illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Steps

Step	[illegible]
Start	[illegible]
Finish	[illegible]
[illegible]	[illegible]
Comments	

[illegible]

Date [illegible]

[illegible]

[illegible]

[illegible]

Work Requested: [illegible]

Date: [illegible]

Date Received: [illegible]

Weight: [illegible] Rate: [illegible]

Weight: [illegible]

DATA QUALITY REPORT
INTERLAB ICS

Explanation [illegible]

1	Is the [illegible]	[illegible]
2	Has [illegible]	[illegible]
3	[illegible]	[illegible]
4	Is the [illegible]	[illegible]
5	[illegible]	[illegible]
6	Is the [illegible]	[illegible]
	[illegible] for Inorganics	[illegible]
7	[illegible]	[illegible]
8	[illegible]	[illegible]
9	[illegible]	[illegible]
10	[illegible]	[illegible]
11	Have all [illegible]	[illegible]
12	[illegible]	[illegible]
13	Have all [illegible]	[illegible]
14	[illegible]	[illegible]
15	Is the [illegible]	[illegible]
16	[illegible]	[illegible]

COMMENTS

[illegible]

Data Approved By: [illegible] Date: [illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Reference: [illegible]

Lab Sample	Parent Analyte	QC	Parent Sample	Status	Raw Result	Sample Amt	Final Result	DF	MDL	RDL	% Rec	% RSD	Date/Time Analyzed	QC?	Int
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]

[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Reference: [illegible]

Lab Sample	Target Analyte	SS	Parent Sample	Matrix	Raw Result	Sample Size	Total Result	Dr	MDL	RL	To Rep	To RSD	Date Analyzed	QC?	Int
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Extraction: [illegible]

Lab Code	Target Analyte	SS	Dozer Sample	Matrix	Raw Result	Sample Size	Final Result	DU	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Int
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]

[illegible]

Sample	Absorbance	Concentration (mg/L)
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

[illegible] Method 365.3

DPHOS

Method 365.3

[illegible] Exp [illegible]

[illegible] Exp [illegible]

[illegible] Exp [illegible]

[illegible] Exp [illegible]

[illegible] Exp [illegible]

[illegible] Exp [illegible]

Pipette ID [illegible]

[illegible]

[illegible] Exp [illegible]

Analyzed By	[illegible]	Date Analyzed	[illegible]
Reviewed By	[illegible]	Date Reviewed	[illegible]

Work Request # [illegible]

Test [illegible]

Date Analyzed [illegible]

Analyst [illegible] Date [illegible]

Analyte [illegible]

DATA QUALITY REPORT
INORGANICS

Explain any non-conformances, qualitative or analytical problems, and other comments in the comments section below.

1	Is the method name and number correct and approved?	yes no N/A
2	Holding times met for all analyses and for all samples?	yes no N/A
3	Are calculations correct?	yes no N/A
4	Is the reporting basis correct (dry wt, etc)?	yes no N/A
5	All quantitations performed?	yes no
6	Is the calibration curve with a correlation coefficient ≥ 0.995?	yes no N/A
7	MBs, LCSs, CCVs, ICSs, ICVs, and spikes analyzed at proper frequency?	yes no N/A
8	Are ICVs, CCVs and ICSs within acceptance limits?	yes no N/A
9	Are results for methods blank all ND?	yes no N/A
10	Are all QC samples within acceptance criteria? (LCS %rec, MS/MSD %rec, RPD, or MS/DMS RPD, etc.)	yes no N/A
11	Are all exceptions explained?	yes no N/A
12	Have all applicable sample results been reviewed?	yes no N/A
13	Are all samples labeled correctly?	yes no N/A
14	Have all instrument outputs been signed? (e.g. Spectral, MDL, QC, or a specific sample, form 1)	yes no N/A
15	Are detection limits and units reported correctly?	yes no N/A
16	Is the amount space on the bench sheet correct?	yes no N/A
17	Was analysis carried out by the due date? (or if not, was it allowed?)	yes no N/A

COMMENTS:

[illegible]

Final Signed by [illegible] Date [illegible]

Analytical Results Summary

Instrument Name: [illegible] **Analysis:** [illegible] **Analysis Date:** [illegible] **Method/Testcode:** [illegible]

Lab Code	Target Analyte	Qual	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	DF	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Tag
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]		[illegible]		[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]

[illegible]

A13 Environmental

[illegible]

[illegible]

Sample	Absorbance [AU]	Concentration [mg/L]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

AES Environmental

[illegible]

[illegible]

[illegible]

Sample	Absorbance,AI	Concentration [mg%]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

ALS Environmental

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

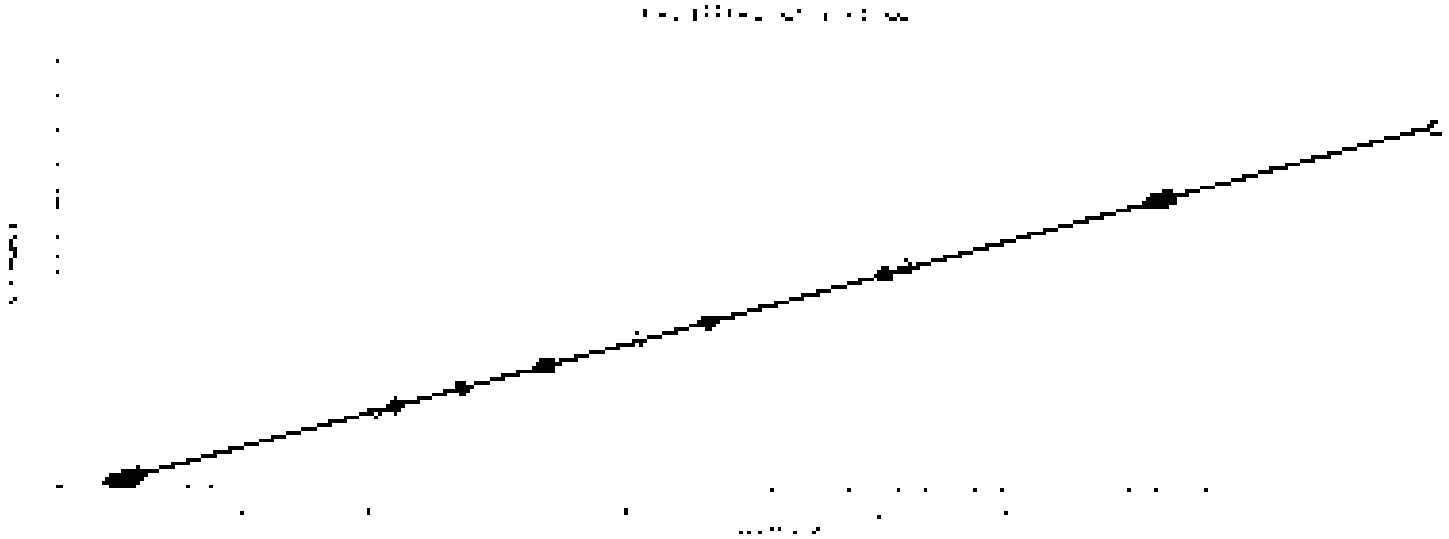
[illegible]

[illegible]

[illegible]

[illegible]	Y = 0.488X + 0.305
[illegible]	1.00
λ	470 nm

[illegible]



Standard	Absorbance (X)	Concentration (µg/L)
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

A.S ENVIRONMENTAL

Work Order # [illegible]

Analysis 9030/9030M AVS: PSEP

Date Prepared	Sample Name Lab Code	Initial Volume (ml)	Final Volume (ml)	mg/L mg/kg As Found	% Solids	mg/kg Dry Wt
[illegible]	MB1	[illegible]	[illegible]			
[illegible]	LCS1	[illegible]				
	[illegible]	[illegible]				
	[illegible]	[illegible]				
	[illegible]	[illegible]				
	[illegible]	[illegible]				
	[illegible]	[illegible]				
	[illegible]	[illegible]				
	[illegible]	[illegible]				
	[illegible]	[illegible]				
	[illegible]	[illegible]				
	[illegible]	[illegible]				
	[illegible]	[illegible]				
	[illegible]	[illegible]				
	[illegible]	[illegible]				
	[illegible]	[illegible]				
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	[illegible]	[illegible]				
	[illegible]	[illegible]				
	[illegible]	[illegible]				
	[illegible]	[illegible]				
	[illegible]	[illegible]				
	[illegible]	[illegible]				
	[illegible]	[illegible]				
	[illegible]	[illegible]				
	[illegible]	[illegible]				
	[illegible]	[illegible]				

Prepared By [illegible]	[illegible]
Analyzed By [illegible]	[illegible]
Reviewed By [illegible]	[illegible]

Preparation Information Benchsheet

Prep Batch: [illegible]
Team: [illegible]

Prep WorkFlow: [illegible]
Prep Method:

Status: [illegible]
Prep Date/Time: [illegible]

	Lab Code	Client ID	Rf	Method/Test	pH	Matrix	Amt/Eq	Final Vol	Sample Description
1	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	
2	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	
3	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
4	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
5	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
6	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	
7	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	
8	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
9	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
10	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
11	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
12	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
13	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
14	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
15	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
16	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
17	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	

Preparation Steps

[illegible]

[illegible]

[illegible]

Analysis Sulfide

Standard 400µM

Standard By: [illegible]	Date Analyzed: [illegible]
Reviewed By: [illegible]	Date Reviewed: [illegible]

[illegible]

DAILY QUALITY REPORT
MICROFILTER

[illegible]

1	[illegible]	[illegible]
2	[illegible]	[illegible]
3	[illegible]	[illegible]
4	[illegible]	[illegible]
5	[illegible]	[illegible]
6	[illegible]	[illegible]
7	[illegible]	[illegible]
8	[illegible]	[illegible]
9	[illegible]	[illegible]
10	[illegible]	[illegible]
11	[illegible]	[illegible]
12	[illegible]	[illegible]
13	[illegible]	[illegible]
14	[illegible]	[illegible]

COMMENTS

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lab: [illegible] Method of Testing/Analysis: [illegible]

Lab Code	Target Analyte	DL	Dozer Sample	Matrix	Raw Result	Sample Amt	Final Result	DF	MDL	PQL	% RSD	% RSD	Date Analyzed	QC	Lab
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[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1		1			[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1		1			[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1		1			[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1		10			[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1		10			[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]			10			[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]			1			[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	

[illegible]

[illegible]

ALS Kelso

Service Request Number	Grams	Dilution	Volume Plated (mL)	# of Colonies	Total Colonies	Colonies/Gram (Total Colonies / DF * 10)
						40 CFU/g
						120 CFU/g
						90 CFU/g
						40 CFU/g
						40 CFU/g

Start Date / Time

End Date / Time

Plate Count Agar ID #

Incubator

Dilution Water ID #

Comments:

Analyzed By: Date

Reviewed By: Date

Work Request: [illegible]

Lot: [illegible]

Date Analyzed: [illegible]

Analyst: [illegible] Name: [illegible]

Analysis: [illegible]

DATA QUALITY REPORT
INORGANICS

Explain any no response, questionable, or missing data in the comments section below.

1	Is the method name and number correct and appropriate?	(yes) no NA
2	Holding times met for analysis and for sample?	yes no NA
3	Are calculations correct?	(yes) no NA
4	Is the reporting basis correct (Dry Weight)?	(yes) no NA
5	Is equipment calibrated properly?	(yes) no
6	Is the calibration curve correlation coefficient > 0.995?	(yes) no NA
7	MRL (CRQL, CRDL, RL, Dupes and Spikes analyzed at proper frequency?	(yes) no NA
8	Are ICVs, CCVs and CRIs all within acceptance criteria?	(yes) no NA
9	Are results in methods blank all ND?	(yes) no NA
10	Are all spike/surrogate recoveries acceptable? (LCS, MS, DMS, SRM, MS/MSD, DUP, PDS, MS DMS, ABS, etc.)	(yes) no NA
11	Are all exceptions explained?	(yes) no NA
12	Have all analytical service requests been reviewed?	(yes) no NA
13	Are all samples analyzed correctly?	(yes) no NA
14	Have all results been in the service request? (Check for missing results, e.g. Special Wks, DC, or a specific sample, Form V)	(yes) no NA
15	Are detection limits and units reported correctly?	(yes) no NA
16	Is the raised space on the level sheet provided?	(yes) no NA
17	Was analysis performed in the appropriate Analytical Sequence?	(yes) no NA

COMMENTS:

[illegible]

Lead Approved By: [illegible] Date: [illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Reference: [illegible] Sulfide

Lab Code	Target Analyte	QL	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	Dil	MDL	RDL	Sulfate	Sulfate	Date Analyzed	QC?	Batch
[illegible]	[illegible]	[illegible]		Water		50 ml		1					[illegible]	N	1
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	50 ml	[illegible]	1	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	50 ml	[illegible]	1	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	50 ml	[illegible]	1	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	50 ml	[illegible]	1	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	50 ml	[illegible]	1	[illegible]	[illegible]			[illegible]	N	1
[illegible]	[illegible]	[illegible]		Water	[illegible]	50 ml	[illegible]	1	[illegible]	[illegible]			[illegible]	N	1
[illegible]	Sulfide, Total	[illegible]	[illegible]	Ground Water	[illegible]	50 ml	[illegible]	1	[illegible]	[illegible]		Nd	[illegible]	N	[illegible]
[illegible]	Sulfide, Total	[illegible]		Water	[illegible]	50 ml	[illegible]	1	[illegible]	[illegible]			[illegible]	N	1
[illegible]	Sulfide, Total	[illegible]		Water	[illegible]	50 ml	[illegible]	[illegible]	[illegible]	[illegible]	112		[illegible]	N	1
[illegible]	Sulfide, Total	[illegible]		Water	[illegible]	50 ml	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4	[illegible]	N	1
[illegible]	Sulfide, Total	[illegible]		Water	[illegible]	50 ml	[illegible]						[illegible]	N	1
[illegible]	Sulfide, Total	[illegible]		Water	[illegible]	50 ml	[illegible]						[illegible]	N	1
[illegible]	Sulfide, Total	[illegible]		Water	[illegible]	50 ml	[illegible]						[illegible]	N	1
[illegible]	Sulfide, Total	[illegible]		Water	[illegible]	50 ml	[illegible]	1	[illegible]	[illegible]			[illegible]	N	1
[illegible]	Sulfide, Total	[illegible]		Water	[illegible]	50 ml	[illegible]	1	[illegible]	[illegible]			[illegible]	N	1
[illegible]	Sulfide, Total	[illegible]		Water	[illegible]	50 ml	[illegible]	1	[illegible]	[illegible]			[illegible]	N	1

ALS Environmental

Sample	Abundance(A)	Concentration (mg/L)
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

[illegible]

[illegible]

[illegible]

ALS ENVIRONMENTAL

Work Order # _____

Analysis 8030/8030M/ AV5/ PSEP

Date Prepared	Sample Name Lab Code	Initial Wt/Vol (g/mL)	Final Volume (mL)	mg/L mg/kg As Rec'd	% Solids	mg/kg Dry Wt
	MB1					
	LCS1					

Prepared By	
Analyzed By	
Reviewed By	Supervisor

R:\WET\ANALYSES\Soil Approved Templates\SZEXTBNCH

Page 1

Preparation Information Benchsheet

Prep Batch: [illegible]
Team: [illegible]

Prep Workflow: [illegible]
Prep Method:

Status: Prepped
Prep Date/Time: [illegible]

	Lab Code	Client ID	SP	Method (Test)	pH	Matrix	Amt Prep	Final Vol	Sample Description
[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	

Preparation Steps

Step [illegible]
Analyst [illegible]
Date/Time [illegible]
In [illegible]
Comments [illegible]

Comments [illegible]

Analyst [illegible] Date 5/2/21

Reviewed By [illegible]

Relinquished By [illegible] Date [illegible]
Received By [illegible] Time [illegible]

[illegible]

[illegible]

[illegible]

Work Request: [illegible]

Test: [illegible]

Date Analyzed: [illegible]

Analyst: [illegible] Run: [illegible]

Analysis: [illegible]

DATA QUALITY REMINDERS
EXCEPTIONS

Explain any "no" responses in comments below and any corrective action in the comments section below.

	Is the method name and number correct and appropriate	yes no N/A
2	Holding times met for all analytes and for all samples?	yes no N/A
3	Are calculations correct?	yes no N/A
4	Is the reporting limit correct (Dry Weight)	yes no N/A
5	All quality control criteria met	yes no
6	Is the calibration curve verification within criteria?	yes no N/A
7	MBLC, CVC, CCVs, LCSs, Dups and spikes analyzed at proper frequency?	yes no N/A
8	Are MBLCs, CVCs and CCVs within acceptance limits	yes no N/A
9	Are results for methods Black and SIM?	yes no N/A
10	Are all QC samples within acceptance criteria? (LCS Tests, MS DNS Tests, DUP for MS DNS DUPs, etc.)	yes no N/A
11	Are all exceptions explained?	yes no N/A
12	Have all applicable service requests been initiated	yes no N/A
13	Are all samples labeled correctly?	yes no N/A
14	Have all formatted or the service requests been followed? (e.g. Special Wells, QC on a specific sample, Item X)	yes no N/A
15	Are calculations correct and/or is reported correctly	yes no N/A
16	Is the proper class or the level been provided?	yes no N/A
17	Was analysis conducted by the analyst designated on the request SR#?	yes no N/A

COMMENTS:

Data Approved By: [illegible] Date: [illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Dat: [illegible] Method Testcode: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	DF	MDL	PQL	% Moi	% RSD	Date Analyzed	SRC	Lac
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Testcode: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Int
[illegible]	[illegible]	[illegible]	[illegible]	Sediment	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]	[illegible]		[illegible]	N	IV
[illegible]	[illegible]	[illegible]	[illegible]	Sediment	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	V
[illegible]	[illegible]	[illegible]		Sediment	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Sediment	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]	[illegible]	Sediment	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]		[illegible]	[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Sediment	[illegible]	[illegible]	[illegible]	1					[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Sediment	[illegible]	[illegible]	[illegible]	1					[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Sediment	[illegible]	[illegible]	[illegible]	1					[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Sediment	[illegible]	[illegible]	[illegible]	1					[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Sediment	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Sediment	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Sediment	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Sediment	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Sediment	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	IV

[illegible]

AnalysisGroup

AnalysisGroup: [illegible]

Remark: [illegible]

Created on: [illegible]
Last modification: [illegible]
State: [illegible]

Analysis name	Result	Sample quantity	Time of analysis
[illegible]			
CCV	TC: 11.57%	25.400mg	6/2/2021 12:20:31 PM
CCB	[illegible]	[illegible]	[illegible]
LCS	TC: 9.4%	250.400mg	6/2/2021 12:56:46 PM
[illegible]	[illegible]	250.200mg	[illegible]
K2105253-001	TC: 1.84%	250.800mg	6/2/2021 [illegible]
[illegible]	[illegible]	[illegible]	[illegible]
K2105253-004	TC: 2.53%	250.500mg	6/2/2021 [illegible]
[illegible]	[illegible]	[illegible]	[illegible]
K2105253-006	TC: 3.46%	250.800mg	6/2/2021 1:24:45 PM
[illegible]	[illegible]	[illegible]	[illegible]
K2105253-007	TC: 2.45%	250.600mg	6/2/2021 1:48:12 PM
[illegible]	[illegible]	[illegible]	[illegible]
CCV	TC: 11.60%	25.200mg	6/2/2021 2:36:27 PM
CCB	[illegible]	[illegible]	[illegible]
K2105253-008	TC: 2.50%	250.400mg	6/2/2021 2:27:37 PM
[illegible]	[illegible]	[illegible]	[illegible]
K2105253-010	TC: 2.35%	250.500mg	6/2/2021 3:41:55 PM
[illegible]	[illegible]	[illegible]	[illegible]
K2105253-012	TC: 2.40%	250.400mg	6/2/2021 3:00:15 PM
[illegible]	[illegible]	[illegible]	[illegible]
K2105253-012rep	TC: 4.234	275.500mg	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
K2105253-013	TC: 2.78%	250.600mg	6/2/2021 3:37:24 PM
[illegible]	[illegible]	[illegible]	[illegible]
CCV	TC: 11.74%	25.200mg	6/2/2021 [illegible]
CCB	[illegible]	[illegible]	[illegible]
K2105253-013rep	TC: 3.06%	125.900mg	6/2/2021 4:12:37 PM
K2105537-005	[illegible]	[illegible]	[illegible]
K2105537-006	TC: 0.27%	[illegible]	6/2/2021 4:36:11 PM
[illegible]	[illegible]	[illegible]	[illegible]
K2105537-006	TC: 0.21%	250.600mg	6/2/2021 4:48:00 PM
K2105537-005	[illegible]	[illegible]	[illegible]
K2105537-003	TC: 0.27%	[illegible]	6/2/2021 5:05:30 PM
[illegible]	[illegible]	[illegible]	[illegible]
LCV	TC: 11.71%	25.100mg	6/2/2021 5:22:36 PM
[illegible]	[illegible]	[illegible]	[illegible]

Service Request: K2105253 5532

Date Weighed: [illegible]

Analyst: UAU

Method: LMS 9060

Analysis: Total Organic Carbon - Soil

Prep Run / Run #: [illegible]

Sample Position	Sample ID	Weight (mg)
1	[illegible]	[illegible]
2	CCV	[illegible]
3	CCB	250.0
4	LCS	[illegible]
5	MB	250.0
6	K2105253-001	[illegible]
7	K2105253-002	[illegible]
8	K2105253-003	[illegible]
9	K2105253-004	[illegible]
10	K2105253-005	[illegible]
11	K2105253-006	[illegible]
12	K2105253-007	[illegible]
13	K2105253-008	[illegible]
14	CCV	[illegible]
15	CCB	250.0
16	K2105253-009	[illegible]
17	K2105253-010	[illegible]
18	K2105253-011	[illegible]
19	K2105253-012	[illegible]
20	K2105253-013	[illegible]
21	K2105253-013ms	[illegible]
22	K2105253-013msd	[illegible]
23	K2105253-014	[illegible]
24	K2105253-014s	[illegible]

Sample Position	Sample ID	Weight (mg)
25	K2105253-014ms	[illegible]
26	CCV	[illegible]
27	CCB	250.0
28	K2105253-014msd	[illegible]
29	K2105532-001	[illegible]
30	K2105532-006	[illegible]
31	K2105532-007	[illegible]
32	K2105532-008	[illegible]
33	K2105532-009	[illegible]
34	K2105532-010	[illegible]
35	K2105532-011	[illegible]
36	CCV	[illegible]
37	CCB	250.0
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		

MS CaCO3 (mg):	K2105253-013ms	[illegible]
MSD CaCO3 (mg):	K2105253-013msd	[illegible]

MS CaCO3 (mg):	K2105253-014ms	[illegible]
MSD CaCO3 (mg):	K2105253-014msd	[illegible]

Balance ID: K BALANCE 38

NCL ID: 19 GLS 12 5 D

Oven ID: K OVEN [illegible]

Thermometer ID: [illegible]

CCV: CaCO3 LMD ID: 13 150 [illegible] Lot # 3140G359 TV = 12.5 %C

LCS: [illegible] FRA ID: 19 GFS 1 5 49 N Lot # [illegible] TV = [illegible] TOC

Work Request [illegible]

Test

Date Analyzed [illegible]

Analyst [illegible] Date [illegible]

Analysis [illegible]

DATA QUALITY REPORT
INSTRUCTIONS

Explanations for negative responses [illegible]

1	Is the method name and number correct and appropriate?	yes no NA
2	Holding times met for analysis and sample?	yes no NA
3	Are calibrations correct?	yes no NA
4	Is the report signature correct? (Dr. Wright)	yes no NA
5	All quality control information?	yes no
6	Is the calibration [illegible]	yes no NA
7	Are [illegible] and spikes analyzed at proper frequency?	yes no NA
8	Are [illegible] and [illegible] acceptable?	yes no NA
9	Are [illegible] acceptable?	yes no NA
10	Are all high sensitive [illegible] acceptable? [illegible]	yes no NA
11	Are all exceptions explained?	yes no NA
12	Have all applicable [illegible] been reviewed?	yes no NA
13	Are all samples labeled properly?	yes no NA
14	Have all [illegible] been followed? [illegible]	yes no NA
15	Are [illegible] correct?	yes no NA
16	Is the overall [illegible] acceptable?	yes no NA
17	Was analysis carried out by the [illegible]	yes no NA

COMMENTS:

[illegible]

Final Approval by [illegible] Date 5/21/21

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method/Testcode: [illegible]

Lab Code	Reported Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	RDL	% Rec	% RPD	Date Analyzed	QC?	Lab
[illegible]	[illegible]	N/A		Water		10 ml		1					[illegible]	N	1
[illegible]	[illegible]	N/A		Water	[illegible] mg/l	10 ml	[illegible] mg/l	1		[illegible]			[illegible]	N	1
[illegible]	[illegible]	N/A		Water	[illegible] mg/l	10 ml	[illegible] mg/l	1		[illegible]			[illegible]	N	1
[illegible]	[illegible]	N/A		Water	[illegible] mg/l	[illegible]	[illegible] mg/l	1		[illegible]			[illegible]	N	1
[illegible]	[illegible]	N/A		Water	[illegible] mg/l	[illegible]	[illegible] mg/l	1		[illegible]			[illegible]	N	1
[illegible]	[illegible]	N/A		Water	[illegible] mg/l	[illegible]	[illegible] mg/l	1		[illegible]			[illegible]	N	1
[illegible]	[illegible]	N/A		Water	[illegible] mg/l	10 ml	[illegible] mg/l	1		[illegible]			[illegible]	N	1
[illegible]	[illegible]	N/A		Water	[illegible] mg/l	10 ml	[illegible] mg/l	1		[illegible]			[illegible]	N	1
[illegible]	[illegible]	N/A		Water	[illegible] mg/l	10 ml	[illegible] mg/l	1		[illegible]			[illegible]	N	1
[illegible]	[illegible]	N/A		Water	[illegible] mg/l	10 ml	[illegible] mg/l	1		[illegible]			[illegible]	N	1
[illegible]	[illegible]	N/A		Water	[illegible] mg/l	10 ml	[illegible] mg/l	1		[illegible]			[illegible]	N	1
[illegible]	[illegible]	N/A		Water	[illegible] mg/l	10 ml	[illegible] mg/l	1		[illegible]			[illegible]	N	1
[illegible]	[illegible]	N/A		Water	[illegible] mg/l	10 ml	[illegible] mg/l	1		[illegible]			[illegible]	N	1
[illegible]	[illegible]	N/A		Water	[illegible] mg/l	10 ml	[illegible] mg/l	1		[illegible]			[illegible]	N	1
[illegible]	[illegible]	N/A		Water	[illegible] mg/l	10 ml	[illegible] mg/l	1		[illegible]			[illegible]	N	1
[illegible]	[illegible]	N/A		Water	[illegible] mg/l	10 ml	[illegible] mg/l	1		[illegible]			[illegible]	N	1
[illegible]	[illegible]	N/A		Water	[illegible] mg/l	10 ml	[illegible] mg/l	1		[illegible]			[illegible]	N	1
[illegible]	[illegible]	N/A		Water	[illegible] mg/l	10 ml	[illegible] mg/l	1		[illegible]			[illegible]	N	1
[illegible]	[illegible]	N/A		Water	[illegible] mg/l	10 ml	[illegible] mg/l	1		[illegible]			[illegible]	N	1
[illegible]	[illegible]	N/A		Water	[illegible] mg/l	10 ml	[illegible] mg/l	1		[illegible]			[illegible]	N	1
[illegible]	[illegible]	N/A		Water	[illegible] mg/l	10 ml	[illegible] mg/l	1		[illegible]			[illegible]	N	1
[illegible]	[illegible]	N/A		Water	[illegible] mg/l	10 ml	[illegible] mg/l	1		[illegible]			[illegible]	N	1
[illegible]	[illegible]	N/A		Water	[illegible] mg/l	10 ml	[illegible] mg/l	1		[illegible]			[illegible]	N	1

* [illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Testcode: [illegible]

Lab Code	Target Analyte	Qn	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	DF	MDL	PQL	% Rec	% RSD	Date Analyzed	QC	Tag
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1		[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1		[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1		[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L						[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L						[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible] mg/L	[illegible]	[illegible] mg/L	1					[illegible]	N	[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Description: [illegible]

SAS Code	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Size	Final Result	DF	MDL	PQL	% Rec	LCS/SD	Date Analyzed	QC?	Lab
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]			[illegible]			[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]			[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]			[illegible]			[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]			[illegible]			[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]			[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]			[illegible]			[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]		[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]		[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]		[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]		[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]		[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]		[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]		[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]		[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]		[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]		[illegible]	[illegible]	

[illegible]

Analytical Results Summary

Establishment Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method/Testcode: [illegible]

Lab Code	Target Analyte	QL	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	Dil	MDL	PQL	Sp Res	Spikes	Date Analyzed	QC?	Tree
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1

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Matrix: WATER

Analysis: Total Organic Carbon WATER; Method Oxidation LRP 415.1 9060 SSOC

Position	Sample ID	Dil. Factor	Solution Conc. (mg/L)	Blank Correction, mg/L	Net mg/L	MDL mg/L	Reported DOC mg/L
CBA	[illegible]	1		[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
23	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
25	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

ICAL Date [illegible]

LCS: [illegible] ppm RPD [illegible]

CCV = [illegible] ppm

Spike: [illegible] 5000 ppm stock ---> [illegible] ml [illegible] ppm x Dilution Factor

			Date	Time
Analyzed By	[illegible]	Date Analyzed	[illegible]	[illegible]
Reviewed By	[illegible]	Date Reviewed	[illegible]	

Revision 1, 2010 R. WILLIAMS ANALYSIS FOR TEMPLATE TOC Analysis LIMS

5 27 21 TOC5

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Matrix: WATER

Analysis: Total Organic Carbon WATER, Method: Combustion EPA 415.1/9060 SM5310C

Protocol	Sample ID	Dil. Factor	Solution Conc. mg/L	Blank Correction, mg/L	Net mg/L	TOC mg/L	Reported TOC mg/L
26	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
28	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
32	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
33	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
34	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
35	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
36	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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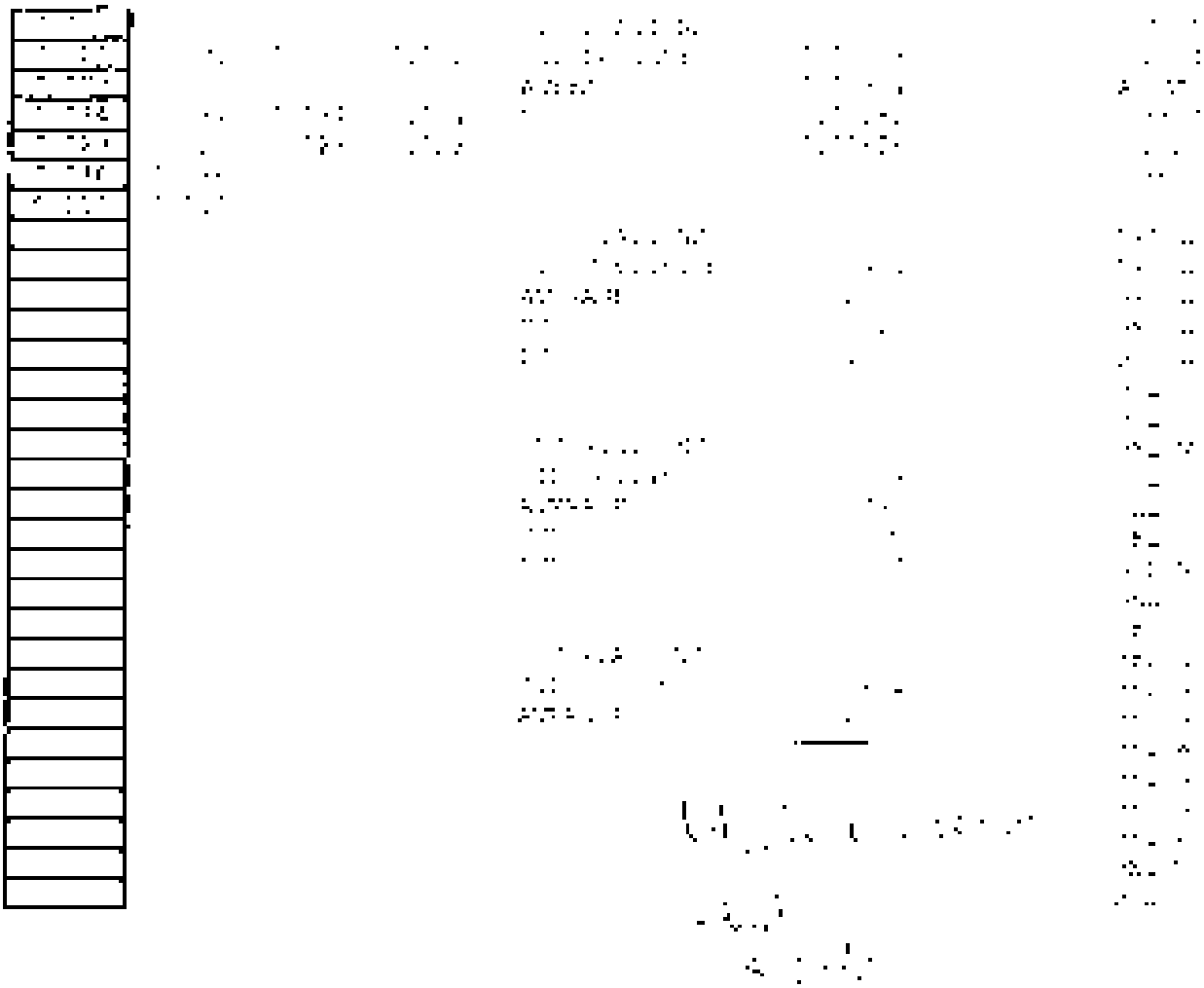
Reviewed by: [illegible] Date Reviewed: [illegible]



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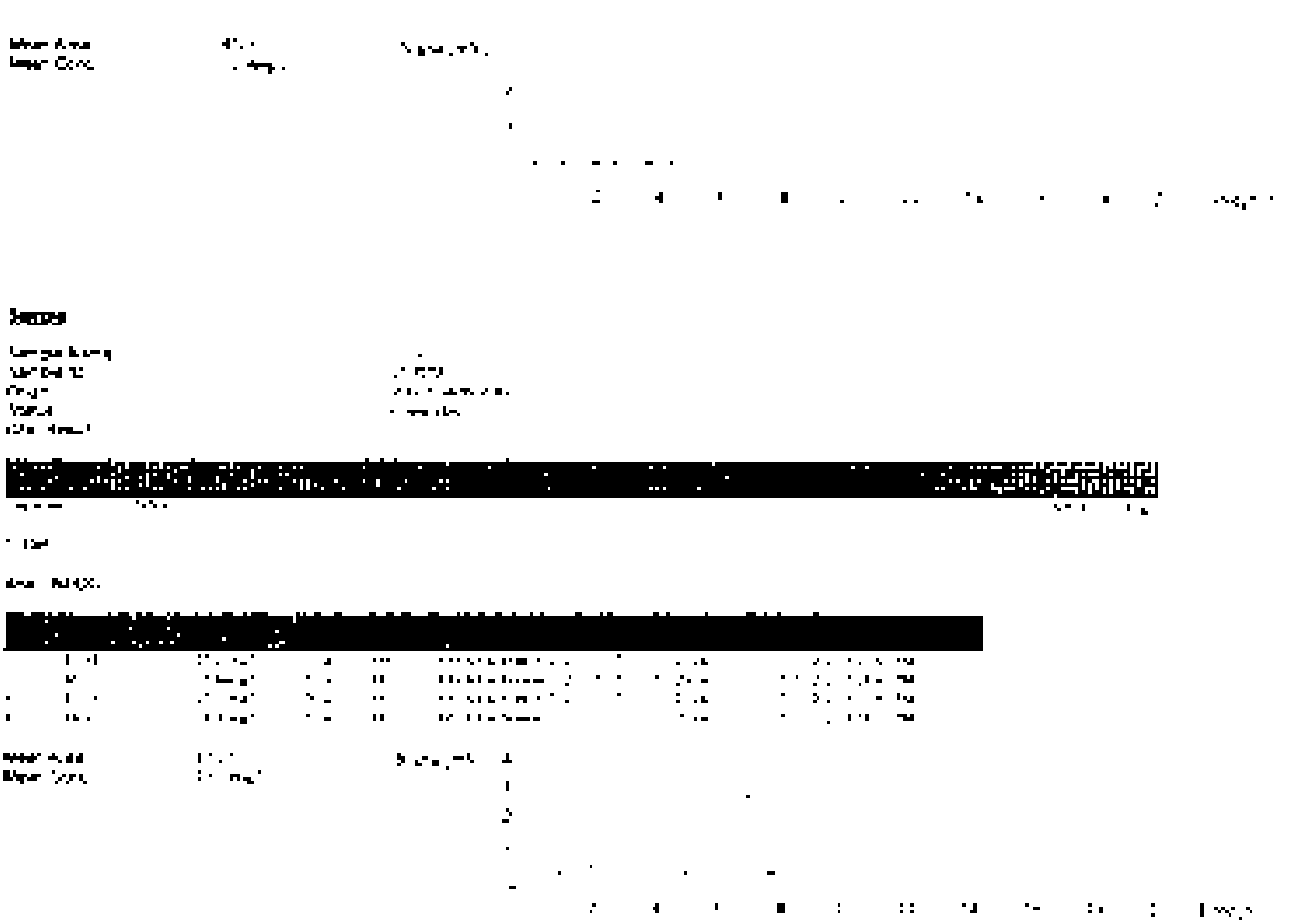

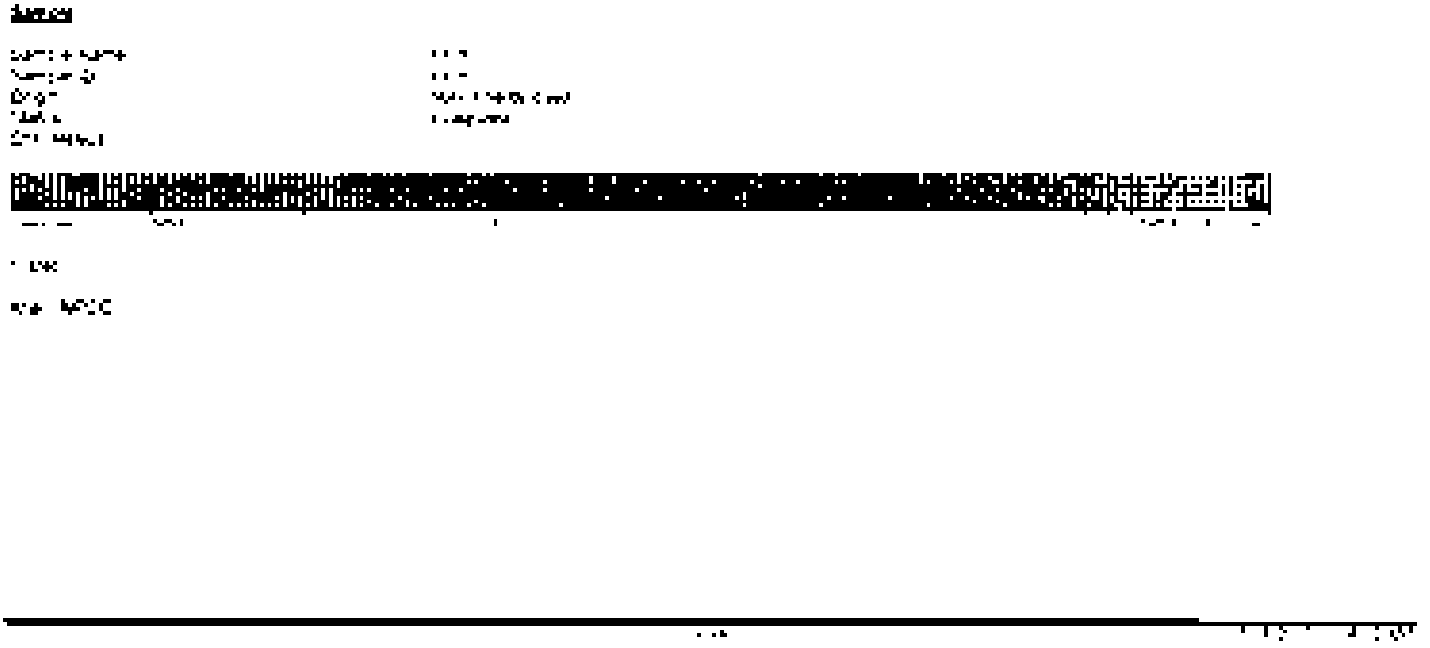

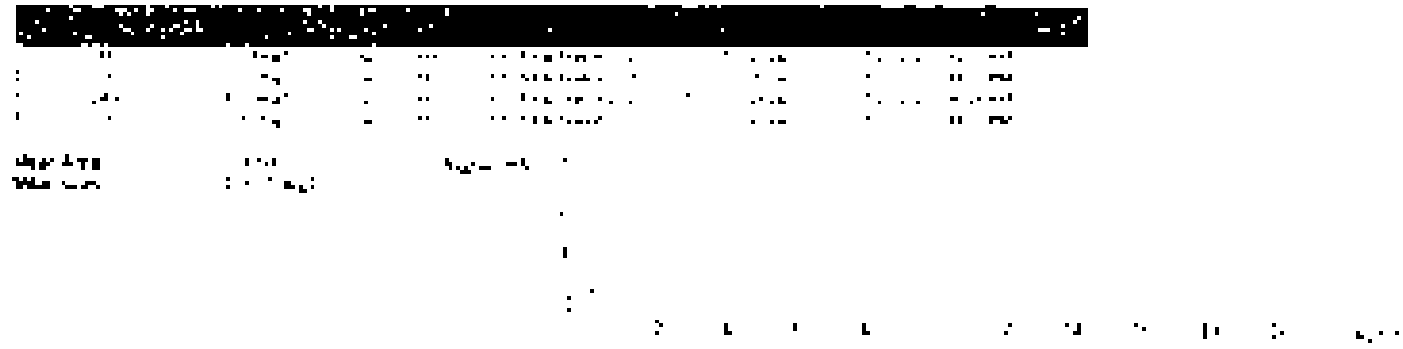

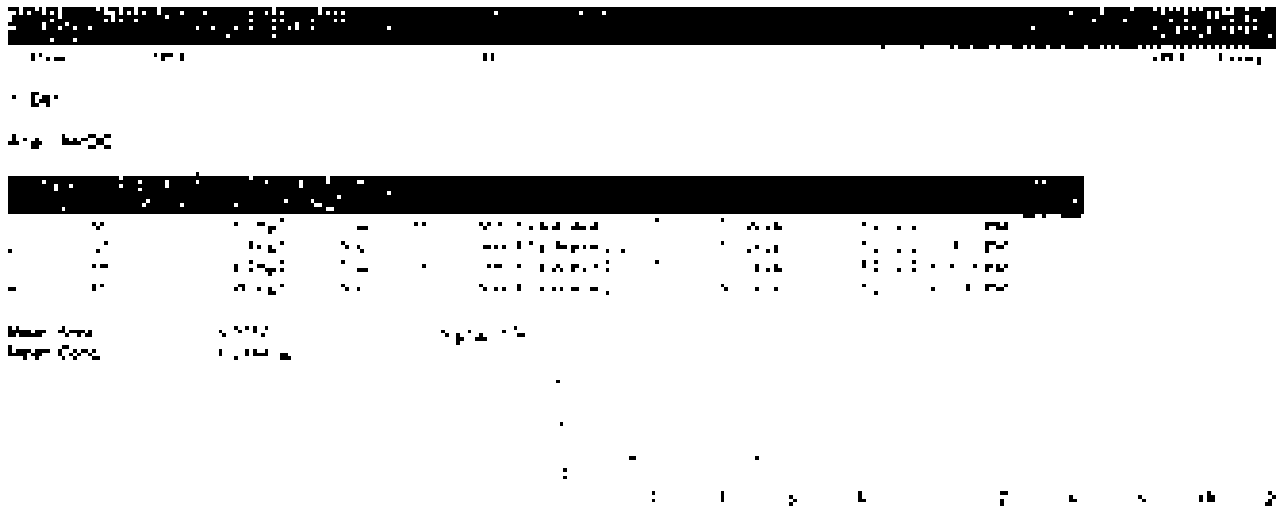

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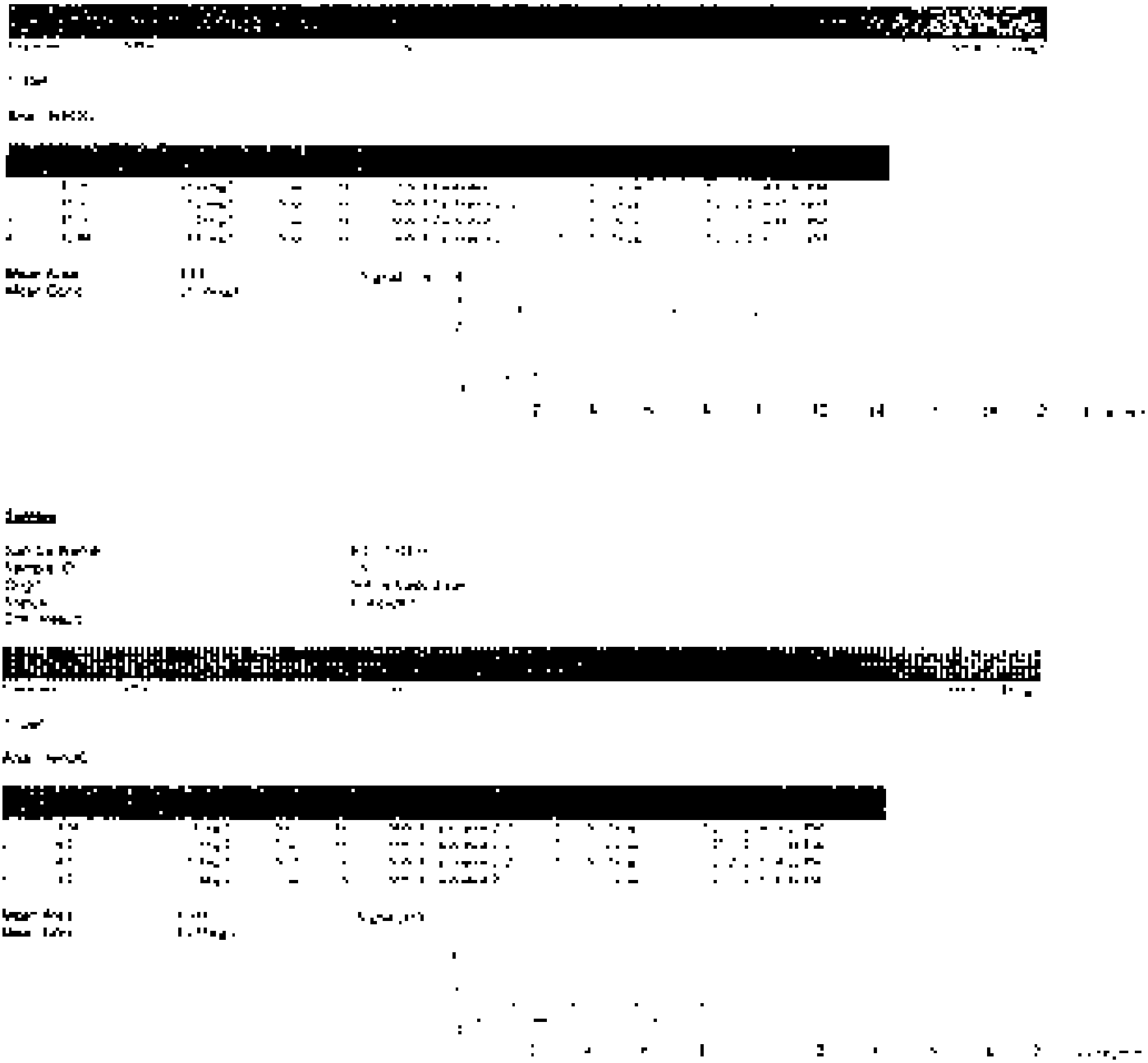

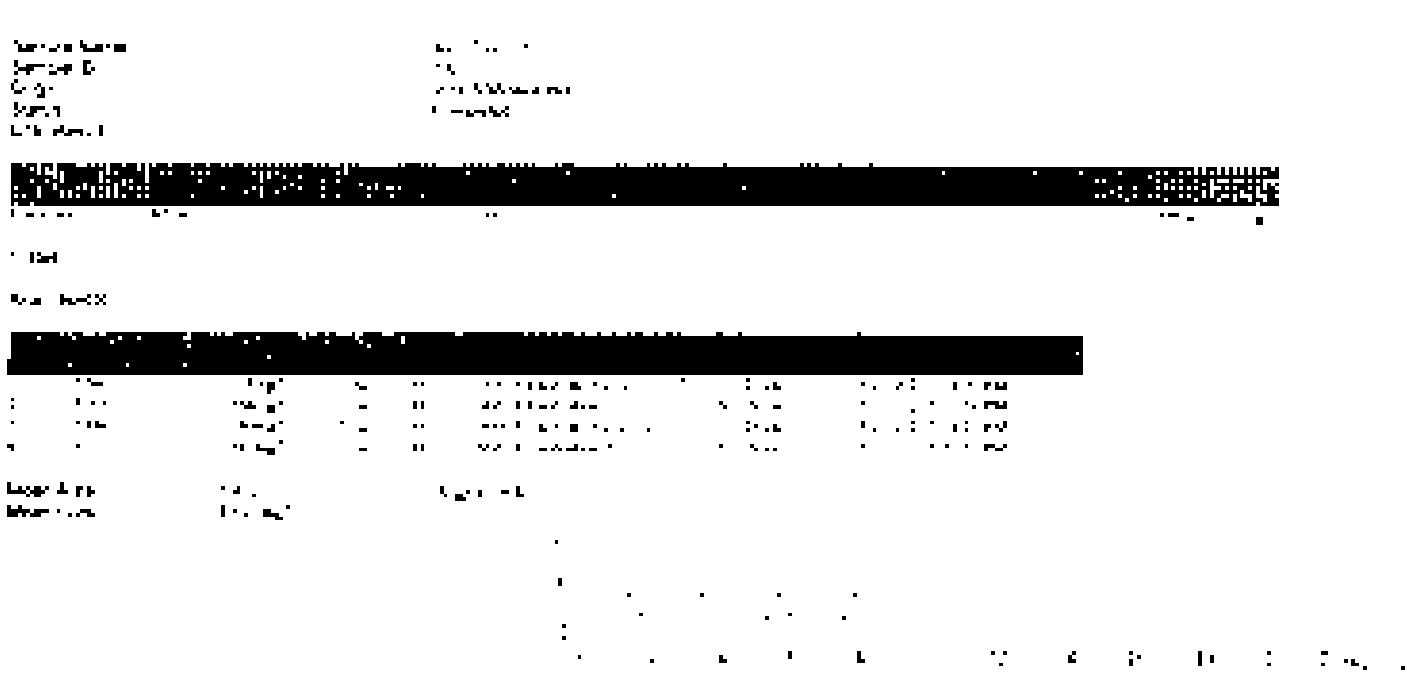

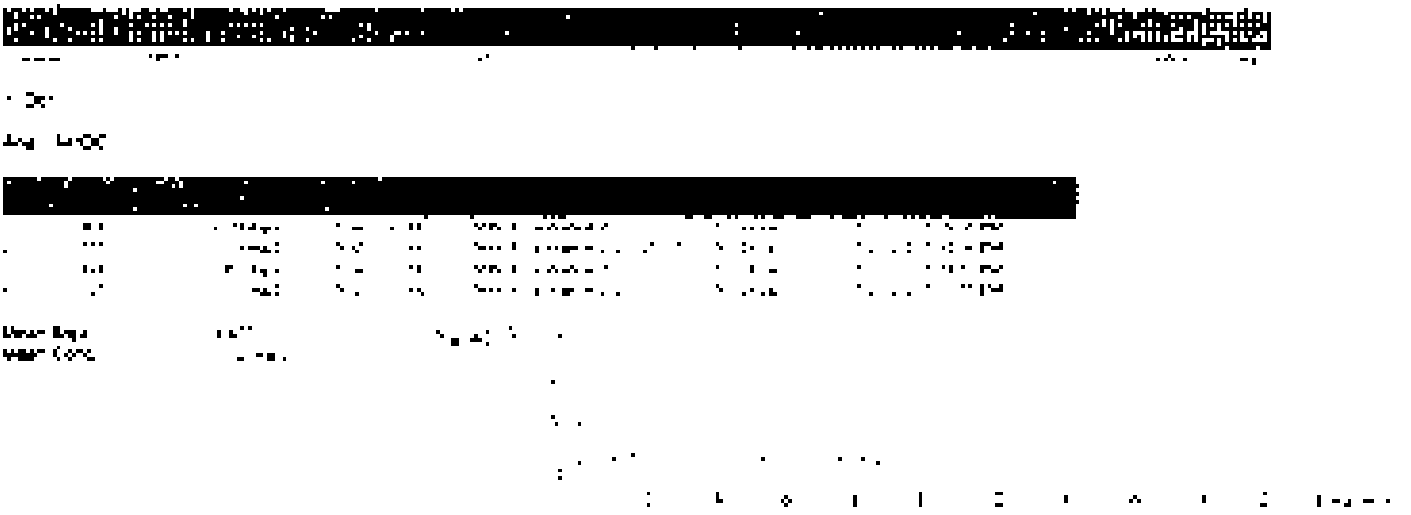

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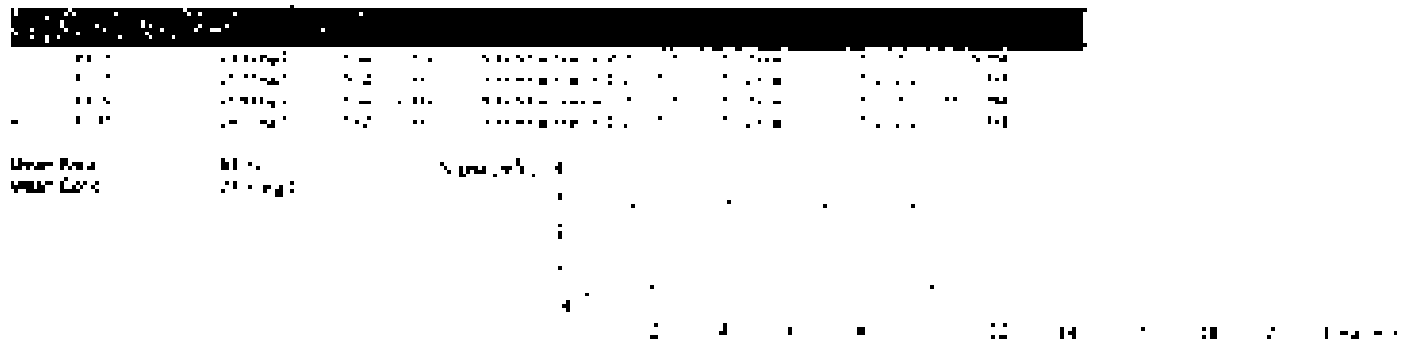

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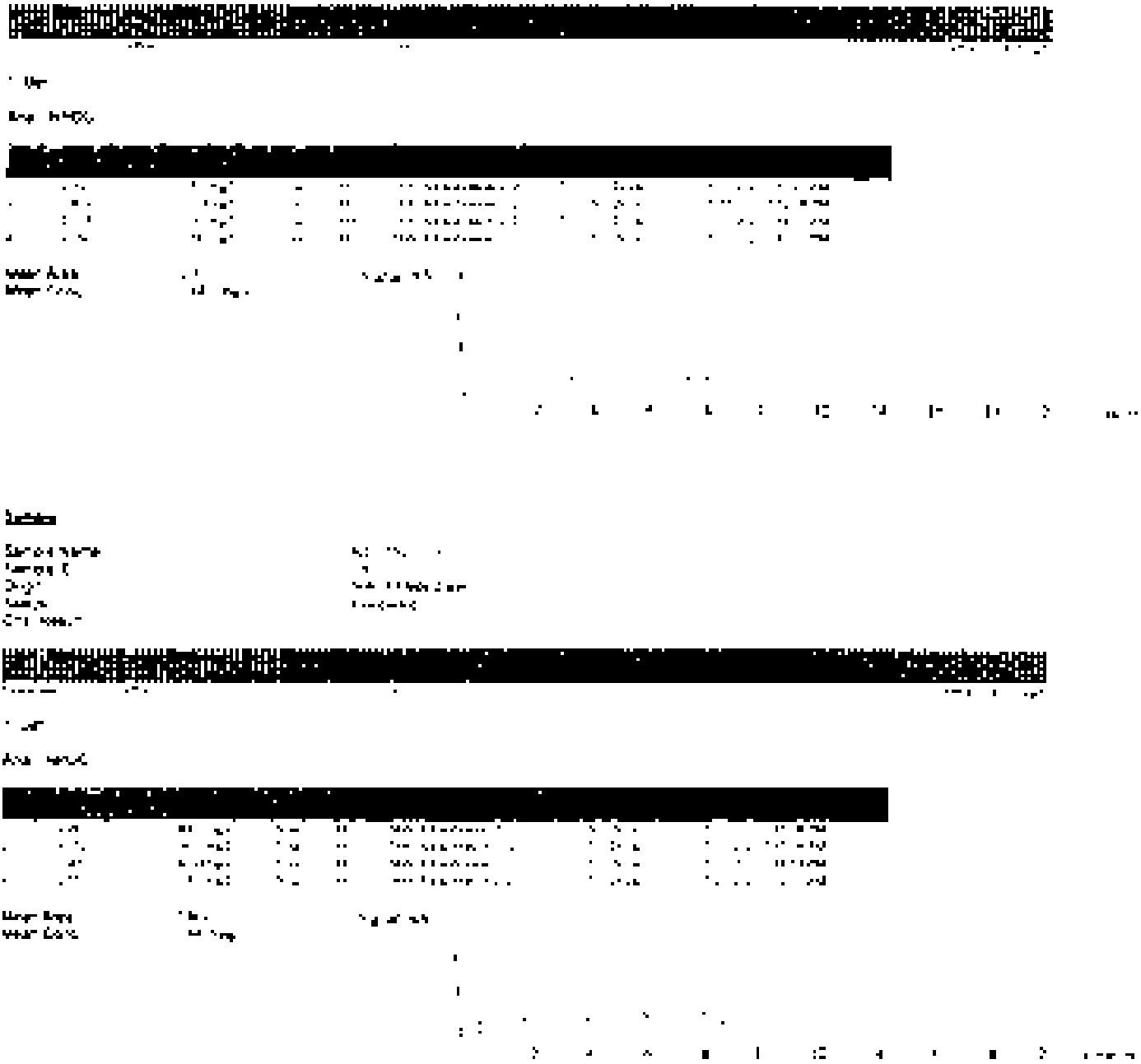

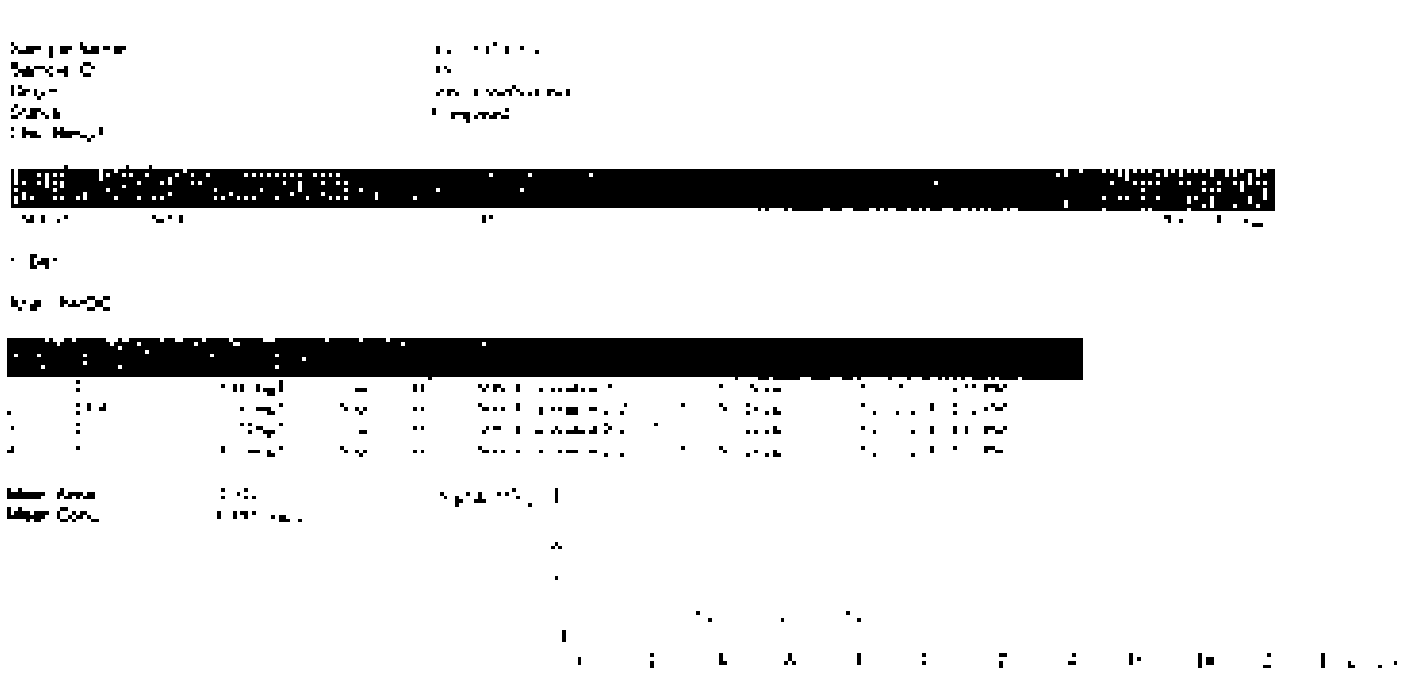

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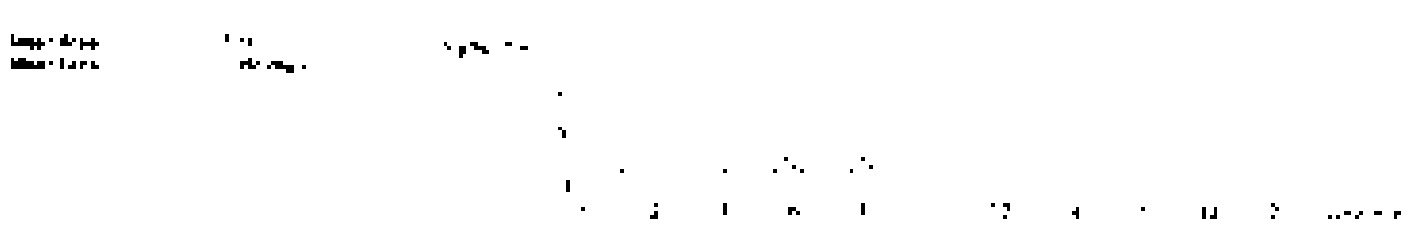

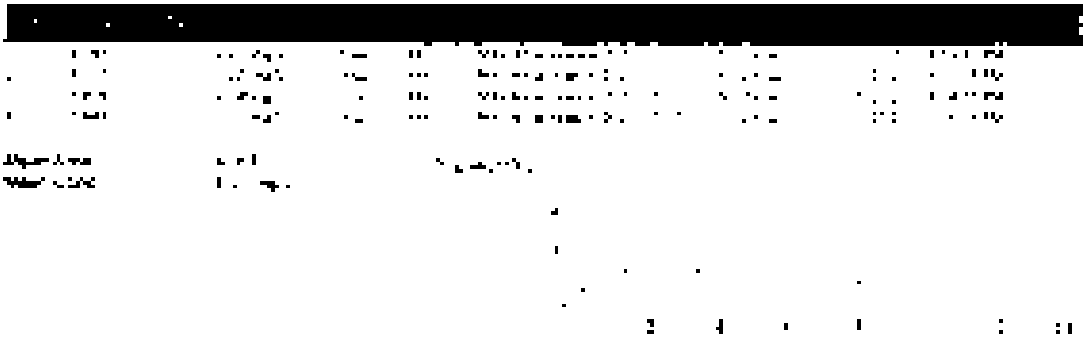

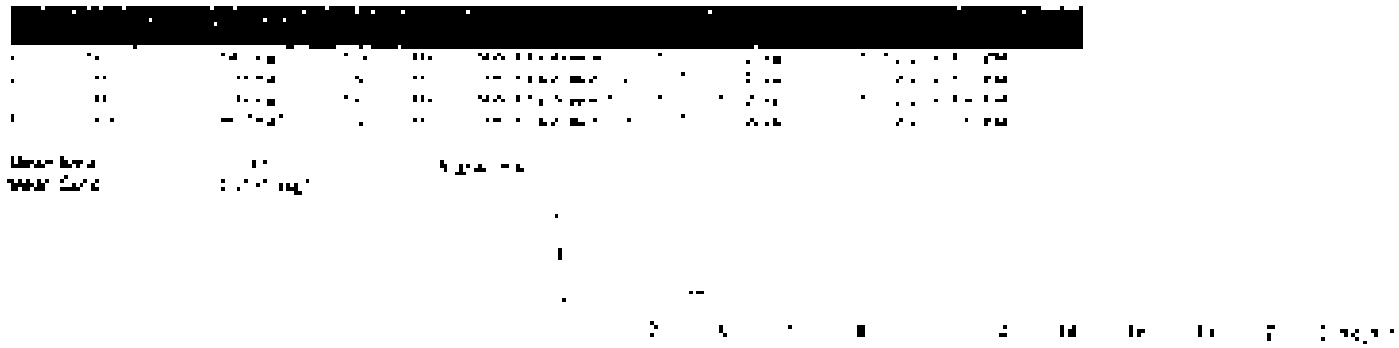

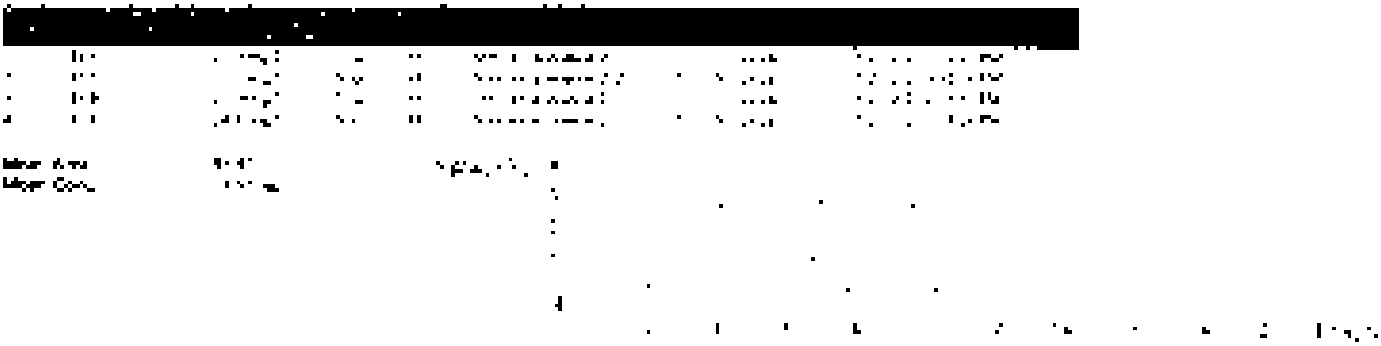

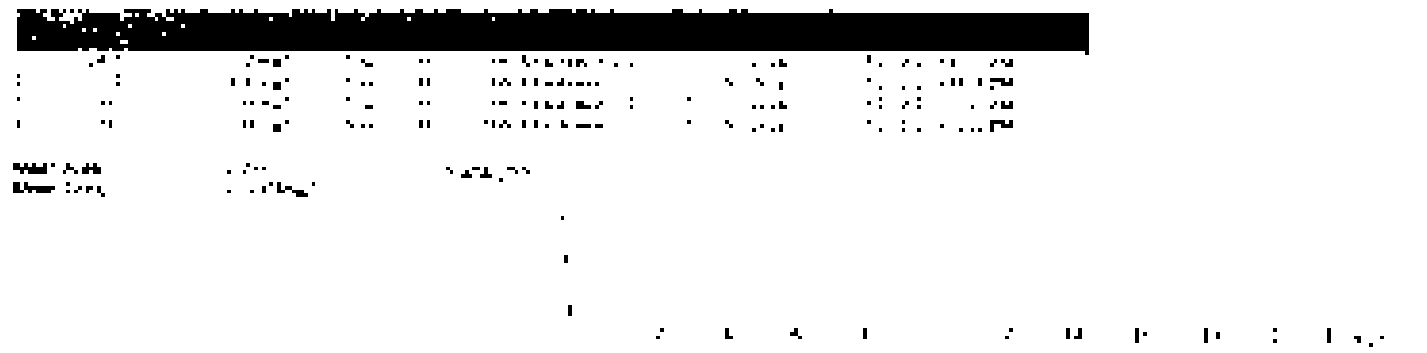

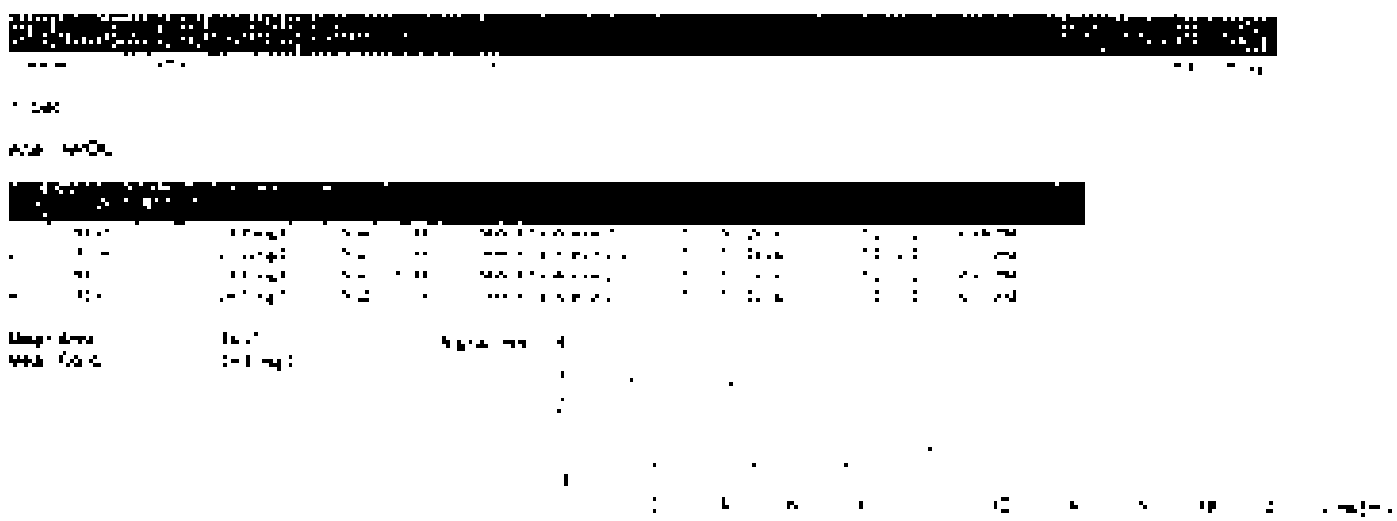

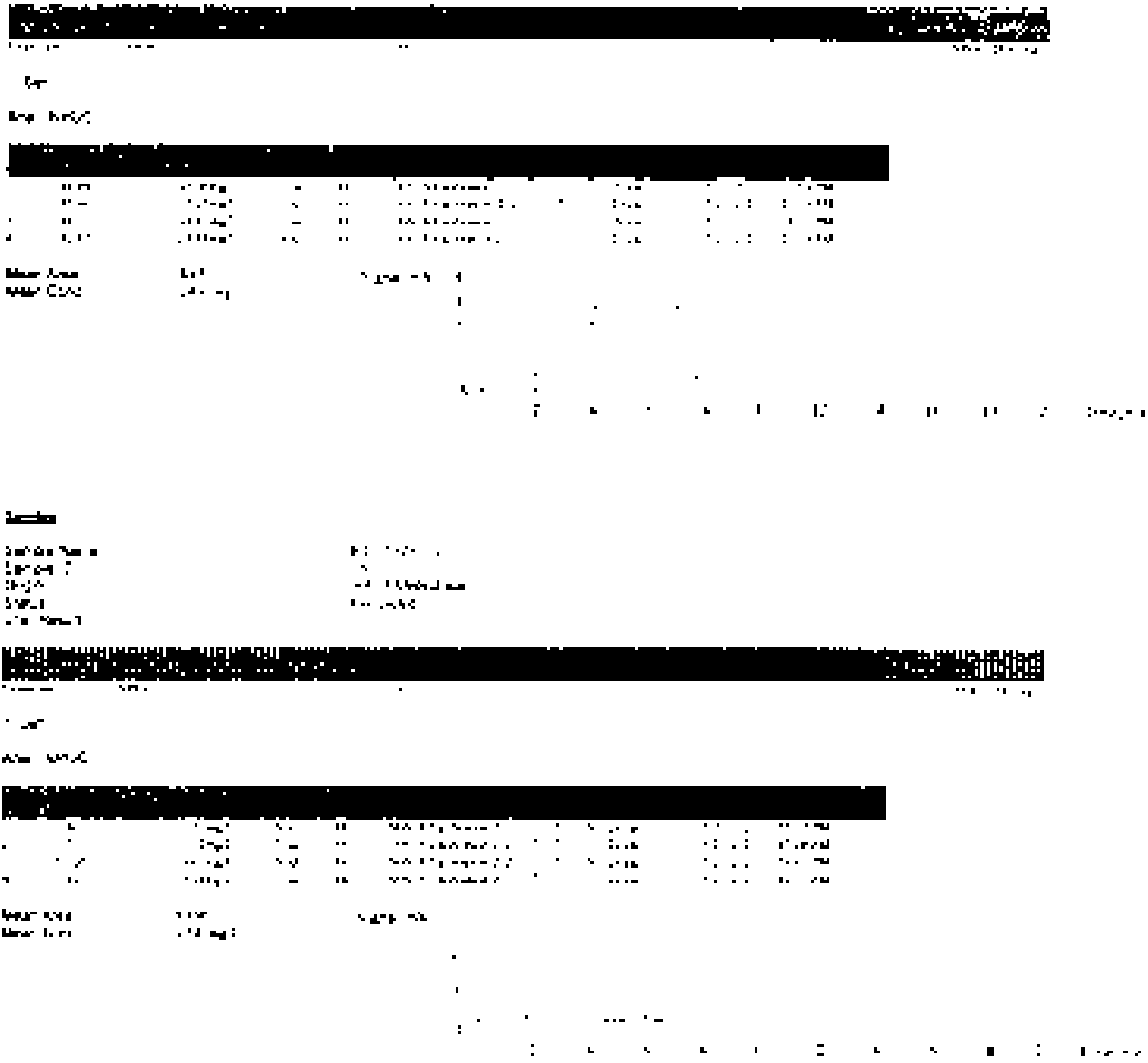

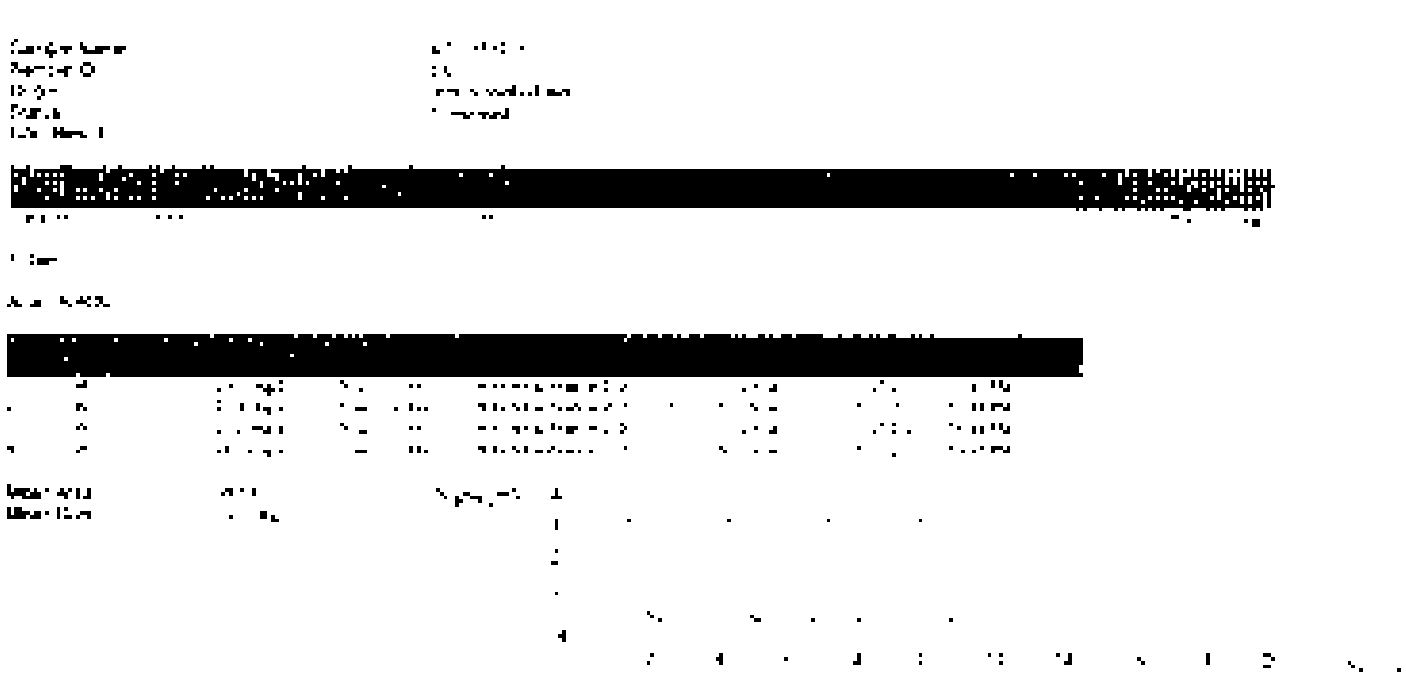

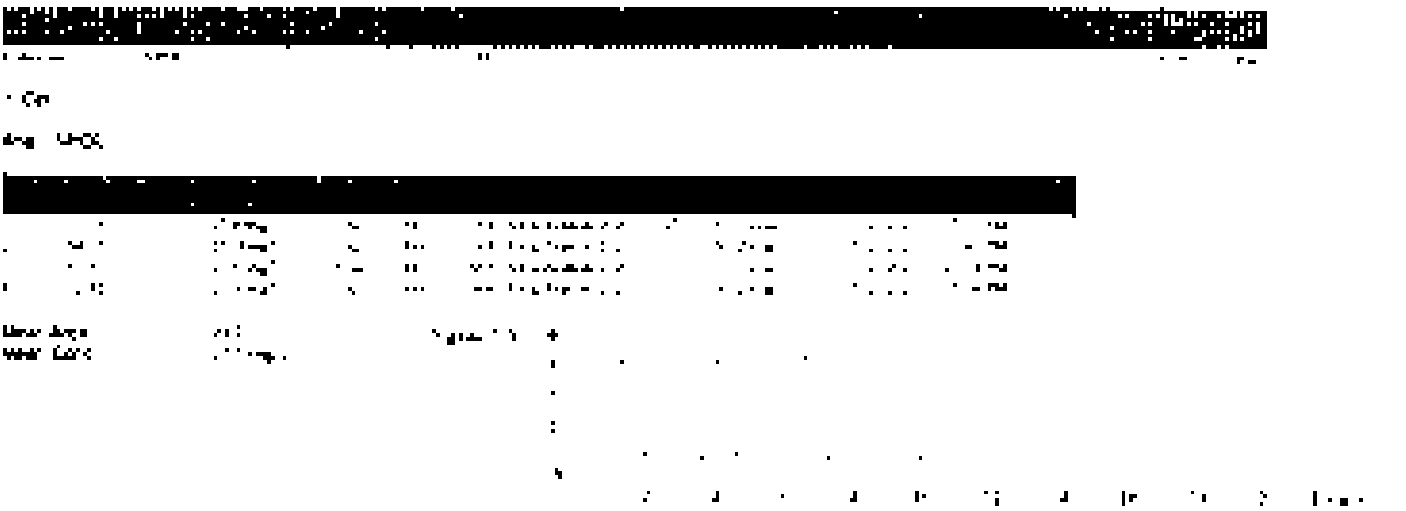

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Sample ID
Origin
Client
Comment

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Base Line
Peak Calc

Sample

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Client
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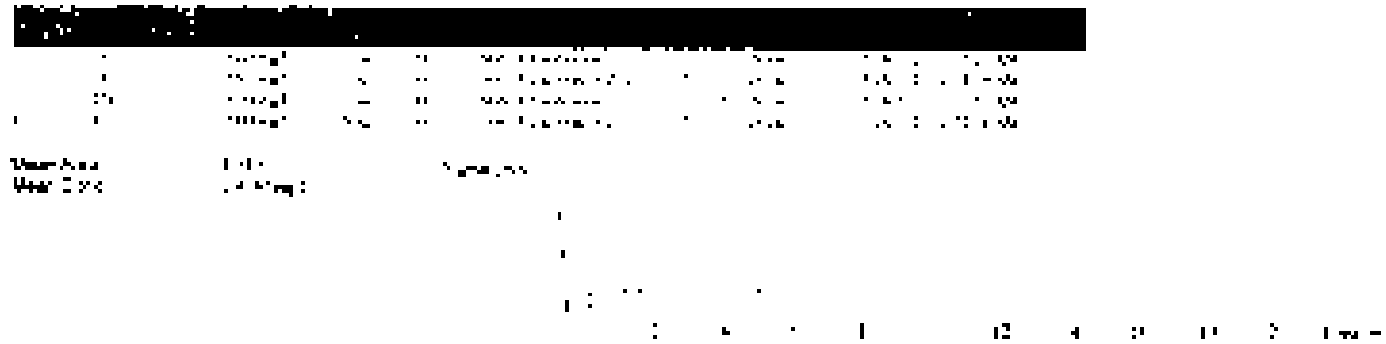
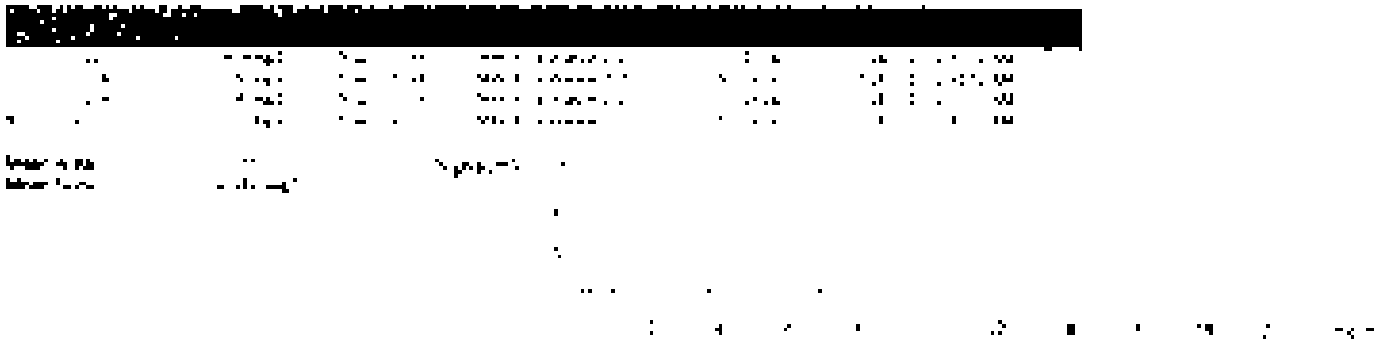
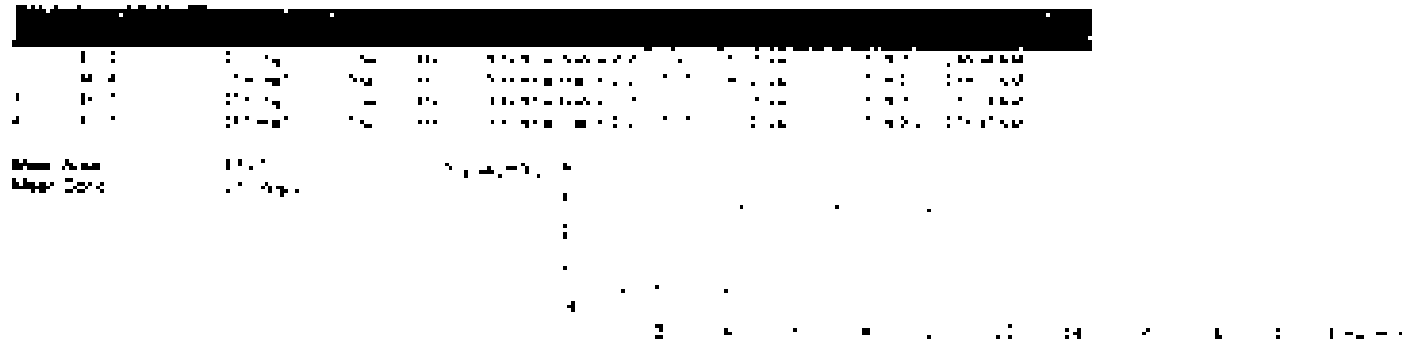
Sample

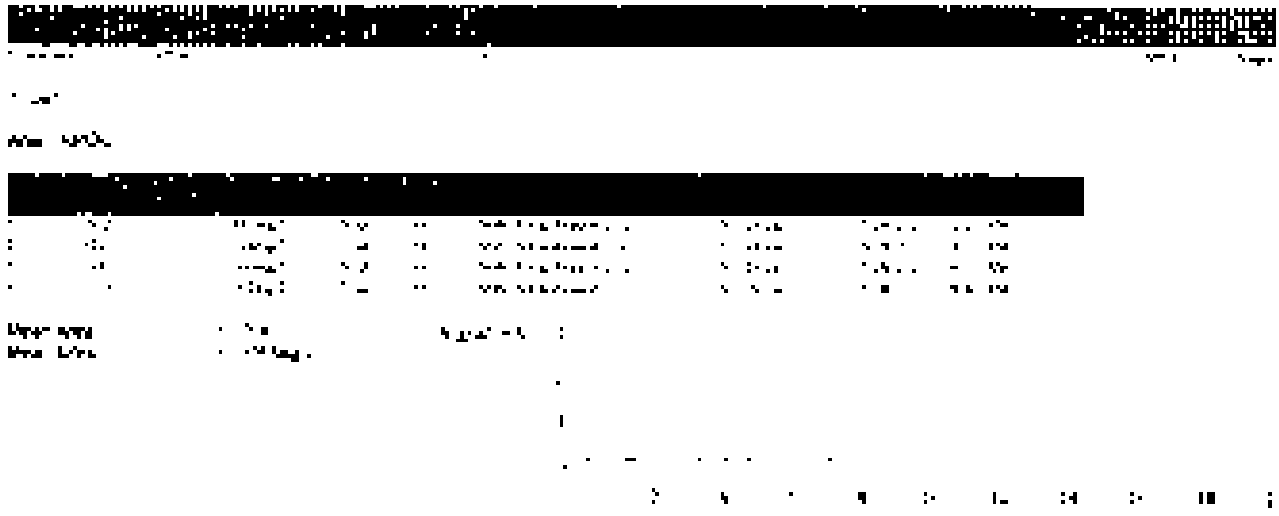
Sample

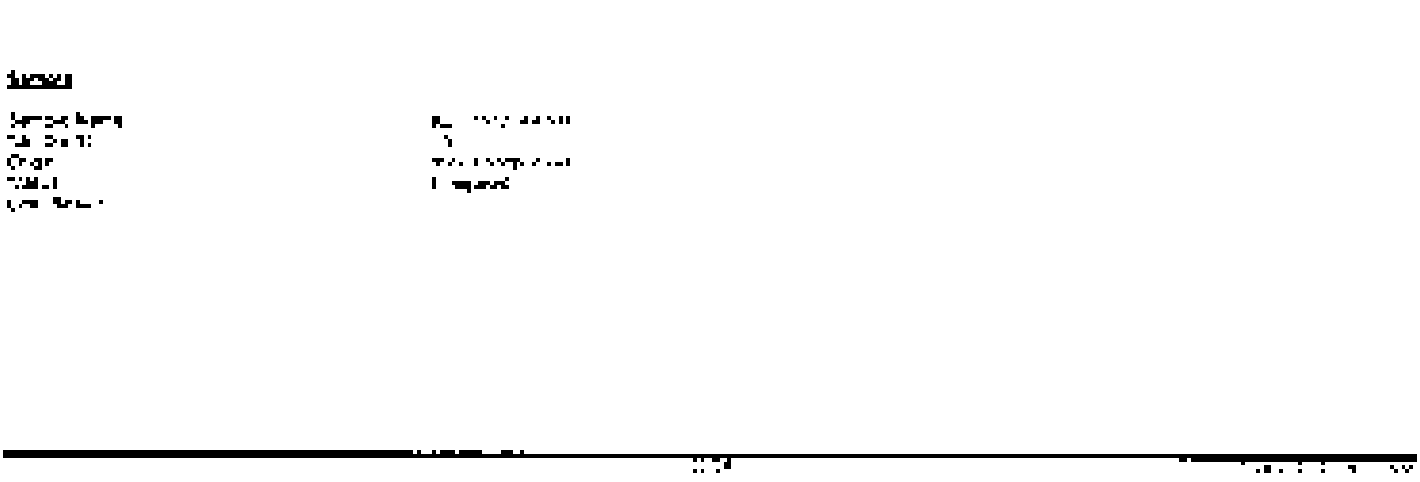
TOC-Control L Report

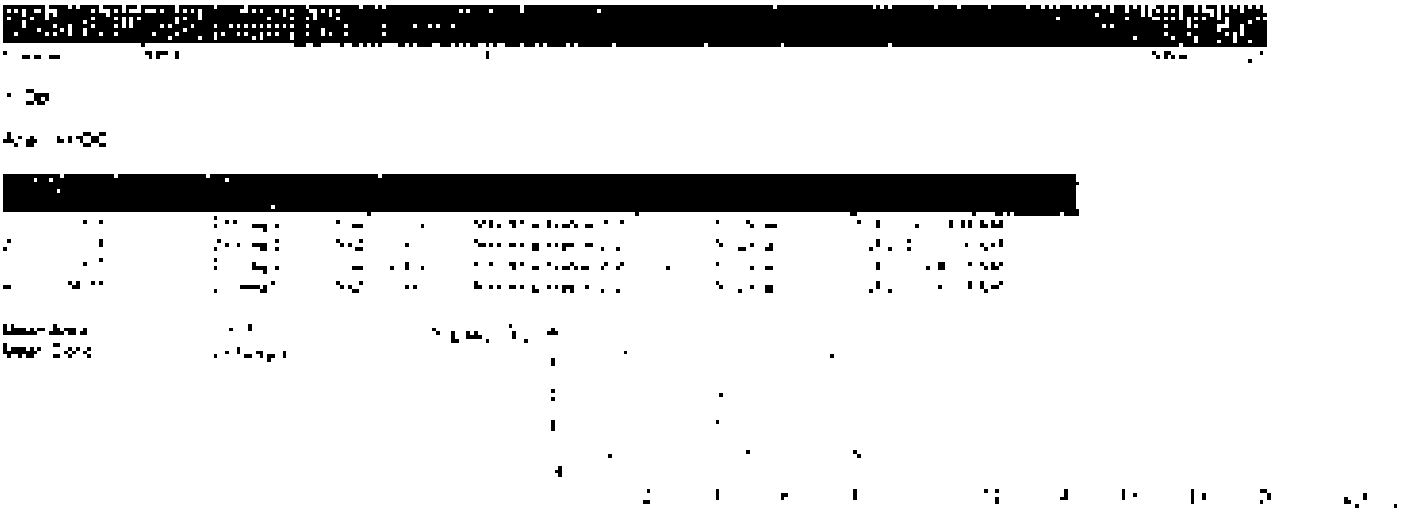


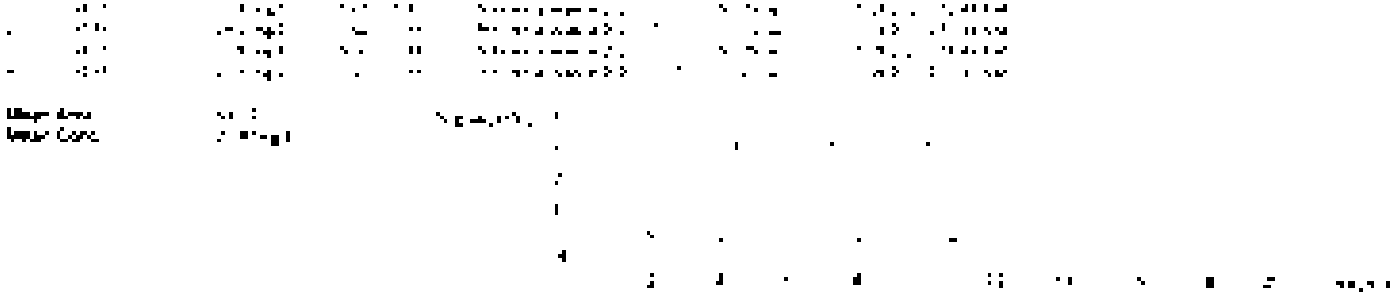


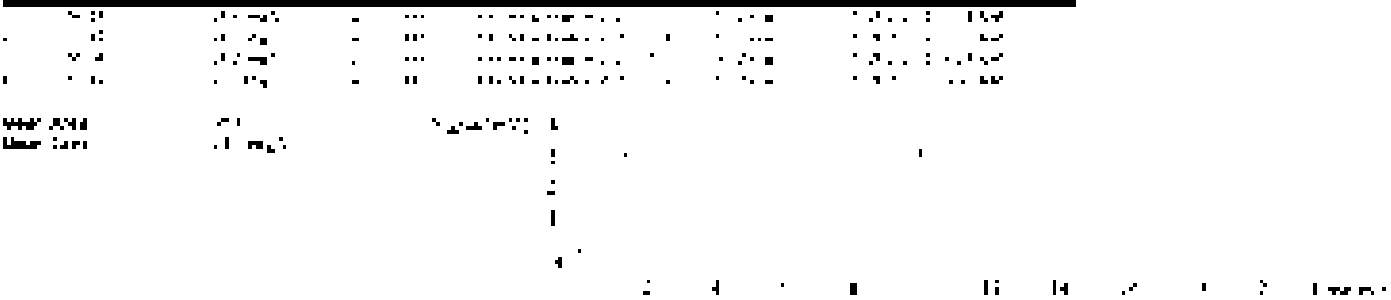












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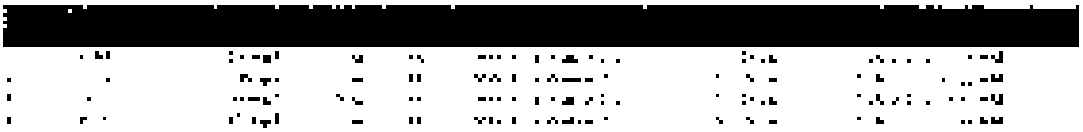

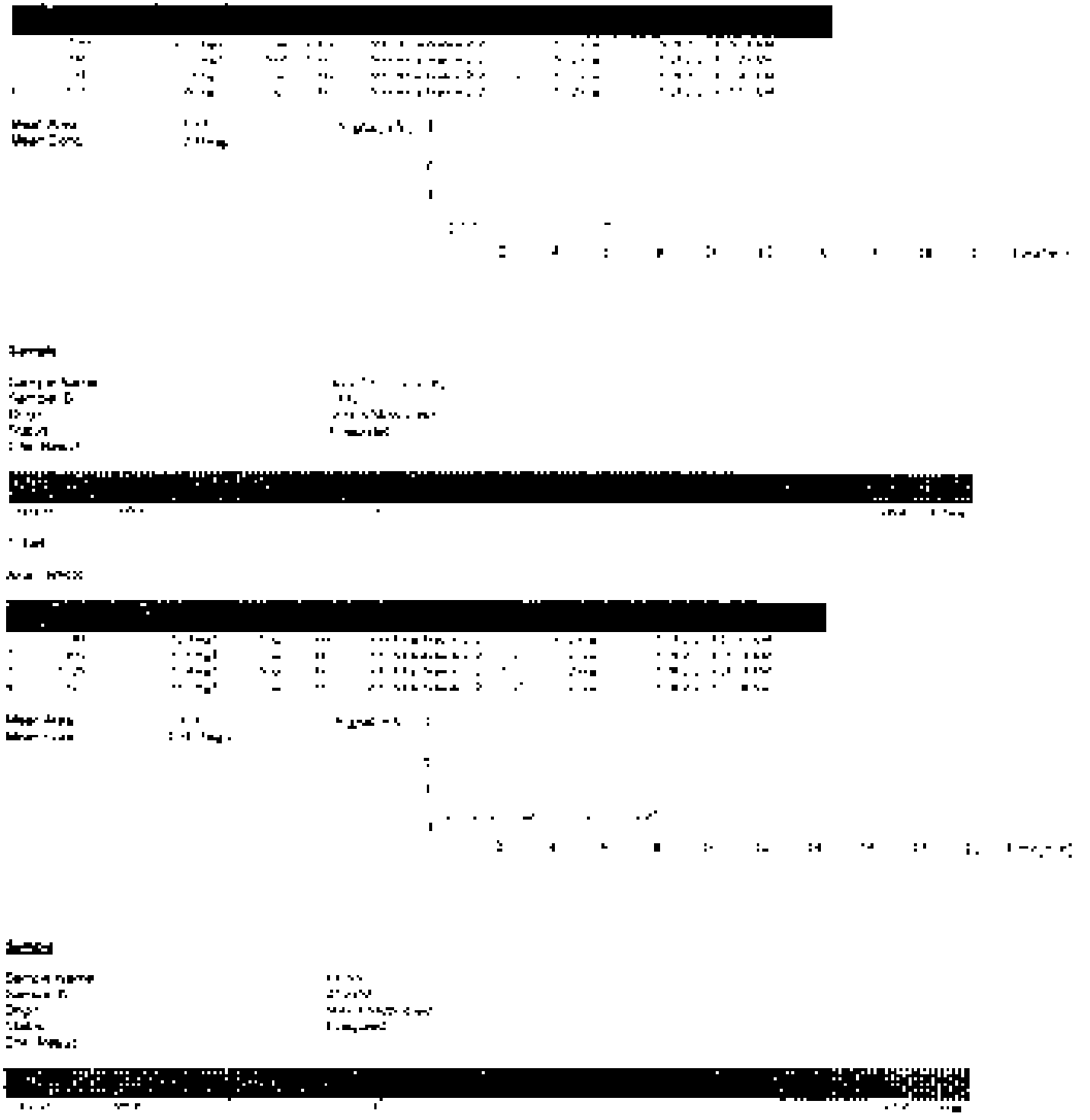

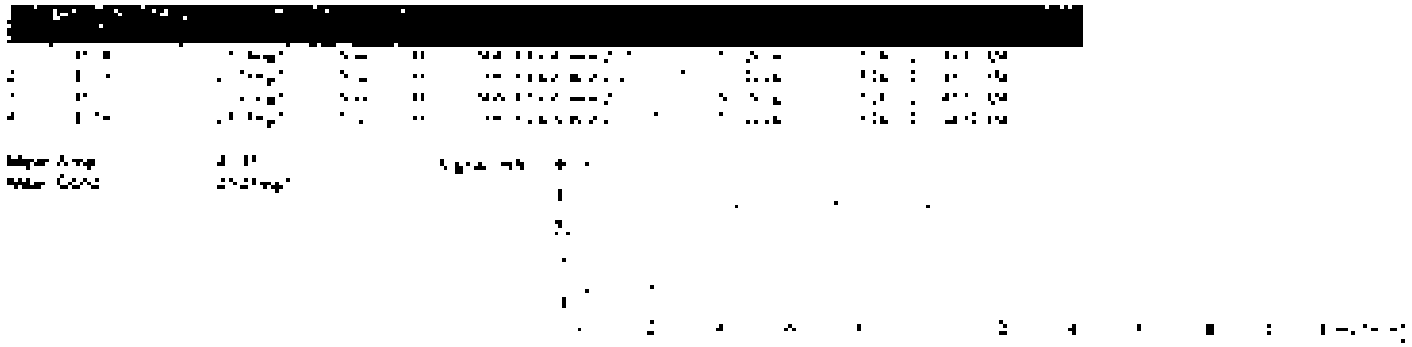

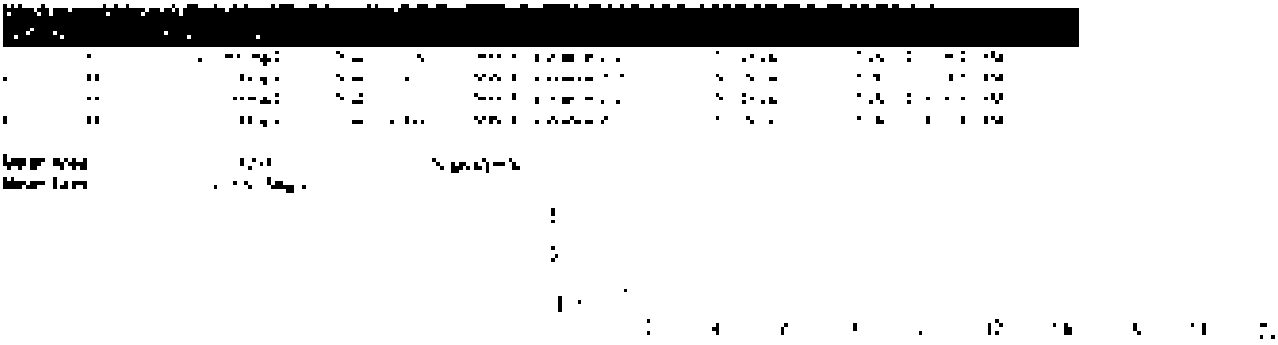

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Notes [illegible]

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Analyzed By [illegible]	Date Analyzed [illegible]
Reviewed By	Date Reviewed

Work Request #: [illegible]

Tier: [illegible]

Date Analyzed: 5-11-21

Analyst: [illegible]

Analysis: [illegible]

Run #: [illegible]

DATA QUALITY REPORT
INORGANICS

Explain any "No" responses to questions below, and any corrective actions in the comments section below.

1.	Is the method name and number correct and appropriate?	Yes/No/NA
2.	Holding times met for all analytes and for all samples?	Yes/No/NA
3.	Are calculations correct?	Yes/No/NA
4.	Is the reporting basis correct? (Dry Weight)	Yes/No/NA
5.	All quality control criteria met?	Yes/No
6.	Is the calibration curve correlation coefficient ≥ 0.9995?	Yes/No/NA
7.	MBs, CCVs, CCBs, LCSs, Dups, and Spikes, analyzed at proper frequency?	Yes/No/NA
8.	Are ICVs, CCVs, and CCBs all within acceptance limits?	Yes/No/NA
9.	Are results for methods blanks all ND?	Yes/No/NA
10.	Are all QC samples within acceptance criteria? (LCS % rec, MS/DMS % rec, DUP or MS/DMS RPDs, etc.)	Yes/No/NA
11.	Are all exceptions explained?	Yes/No/NA
12.	Have all applicable service requests been reviewed?	Yes/No/NA
13.	Are all samples labeled correctly?	Yes/No/NA
14.	Have all instructions on the service request been followed? (e.g. Special MDLs, QC on a specific sample, Form V)	Yes/No/NA
15.	Are detection limits and units reported correctly?	Yes/No/NA
16.	Is the second space on the benchsheet crossed out?	Yes/No/NA
17.	Was analysis turned in by the data due date? (If not record SRs)	Yes/No/NA

COMMENTS:

Final Approved by: [illegible] Date: [illegible]

Revision

Analytical Results Summary

Environment Name: [illegible] Analysis: [illegible] Analysis Date: [illegible] Method Testcode: [illegible]

Lab Code	Target Analyte	QK	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	DF	MDL	PQL	% Rec	Subset	Date Analyzed	QC?	Inv
[illegible]	[illegible]	N		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	15			[illegible]	N	15
[illegible]	[illegible]	N		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	15			[illegible]	N	15
[illegible]	[illegible]	N		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	15			[illegible]	N	15
[illegible]	[illegible]	N		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15			[illegible]	N	N
[illegible]	[illegible]	N		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15			[illegible]	N	N
[illegible]	[illegible]	N		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	4			[illegible]	N	15
[illegible]	[illegible]	N		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	4			[illegible]	N	15
[illegible]	[illegible]	N		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	4			[illegible]	N	15
[illegible]	[illegible]	N		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	4			[illegible]	N	15
[illegible]	[illegible]	N		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	4			[illegible]	N	15
[illegible]	[illegible]	N		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	4			[illegible]	N	15
[illegible]	[illegible]	N		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	4			[illegible]	N	15
[illegible]	[illegible]	N		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	4			[illegible]	N	15
[illegible]	[illegible]	N		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	4			[illegible]	N	15
[illegible]	[illegible]	N		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	4			[illegible]	N	15
[illegible]	[illegible]	N		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	4			[illegible]	N	15
[illegible]	[illegible]	N		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	4			[illegible]	N	15
[illegible]	[illegible]	N		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	4			[illegible]	N	15
[illegible]	[illegible]	N		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	4			[illegible]	N	15
[illegible]	[illegible]	N		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	4			[illegible]	N	15

[illegible]

[illegible]

[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Template: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DF	MDL	PQL	Qualifier	Qualifier	Date Analyzed	QC Type
[illegible]	[illegible]	N		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N
[illegible]	[illegible]	N		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N
[illegible]	[illegible]	N		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N
[illegible]	[illegible]	N		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N
[illegible]	[illegible]	N		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N
[illegible]	[illegible]	N		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N
[illegible]	[illegible]	N		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N
[illegible]	[illegible]	N		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N
[illegible]	[illegible]	N		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N
[illegible]	[illegible]	N		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N
[illegible]	[illegible]	N		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N
[illegible]	[illegible]	N		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N
[illegible]	[illegible]	N		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N
[illegible]	[illegible]	N		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N
[illegible]	[illegible]	N		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N
[illegible]	[illegible]	N		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N
[illegible]	[illegible]	N		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N
[illegible]	[illegible]	N		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N
[illegible]	[illegible]	N		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N
[illegible]	[illegible]	N		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N
[illegible]	[illegible]	N		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N

[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyte: [illegible] Analysis Date: [illegible] Method/Testcode: [illegible]

Lab Code	Target Analyte	DL	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Int	Mult	PQL	% Rec	% RSD	Date Analyzed	QLT	Test
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]

[illegible]

[illegible]

[illegible]

Analytical Results Summary

Environment Name: [illegible] Analysis [illegible] Analysis Date [illegible] Method Testcode: [illegible]

Lab Code	Target Analyte	SR	Target Sample	Matrix	Raw Result	Sample Amt	Base Result	DF	MDL	PQL	% Rec	% RSD	State Standard	QC?	Rev
[illegible]	[illegible]	[illegible]		Drinking Water	[illegible]	[illegible]	[illegible]	1	1	15			[illegible]	N	15
[illegible]	[illegible]	[illegible]		Drinking Water	[illegible]	[illegible]	[illegible]	1	1	15			[illegible]	N	15
[illegible]	[illegible]	[illegible]		Drinking Water	[illegible]	[illegible]	[illegible]	1	1	15			[illegible]	N	15
[illegible]	[illegible]	[illegible]		Drinking Water	[illegible]	[illegible]	[illegible]	1	1	15			[illegible]	N	15
[illegible]	[illegible]	[illegible]	[illegible]	Surface Water	[illegible]	[illegible]	[illegible]	1	1	15		[illegible]	[illegible]	N	15
[illegible]	[illegible]	[illegible]	[illegible]	Surface Water	[illegible]	[illegible]	[illegible]	1	1	15		[illegible]	[illegible]	N	15
[illegible]	[illegible]	[illegible]	[illegible]	Surface Water	[illegible]	[illegible]	[illegible]		1	4		[illegible]	[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Surface Water	[illegible]	[illegible]	[illegible]		1	4		[illegible]	[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Surface Water	[illegible]	[illegible]	[illegible]		1	4		[illegible]	[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Surface Water	[illegible]	[illegible]	[illegible]		1	4		[illegible]	[illegible]	N	N
[illegible]	[illegible]	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]		1	4	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]		1	4	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]		1	4	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]		1	4	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]		1	4	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]		1	4	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]		1	4	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]		1	4	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]		1	4	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]		1	4	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]		1	4	[illegible]		[illegible]	N	N

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Testcode: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Matrix	Run Batch	Sample Amt.	Final Result	DF	MDL	PQL	% Rec.	Qualifier	Date Analyzed	QC?	Dir
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]

GC
6-24-21

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analytical Lot: [illegible] Method Template: [illegible]

Lab Code	Target Analyte	MDL	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DL	MDL	PQL	% Rec	%RSD	Date Analyzed	QC?	Ver
[illegible]	[illegible]	[illegible]		Filtered Water	[illegible]	[illegible]	[illegible]	1	1	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Filtered Water	[illegible]	[illegible]	[illegible]	1	1	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Filtered Water	[illegible]	[illegible]	[illegible]	1	1	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Filtered Water	[illegible]	[illegible]	[illegible]	1	1	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Filtered Water	[illegible]	[illegible]	[illegible]	1	1	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Filtered Water	[illegible]	[illegible]	[illegible]	1	1	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Filtered Water	[illegible]	[illegible]	[illegible]	1	1	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Filtered Water	[illegible]	[illegible]	[illegible]	1	1	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Filtered Water	[illegible]	[illegible]	[illegible]	1	1	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Filtered Water	[illegible]	[illegible]	[illegible]	1	1	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Filtered Water	[illegible]	[illegible]	[illegible]	1	1	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Filtered Water	[illegible]	[illegible]	[illegible]	1	1	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Filtered Water	[illegible]	[illegible]	[illegible]	1	1	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Filtered Water	[illegible]	[illegible]	[illegible]	1	1	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Filtered Water	[illegible]	[illegible]	[illegible]	1	1	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Filtered Water	[illegible]	[illegible]	[illegible]	1	1	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Filtered Water	[illegible]	[illegible]	[illegible]	1	1	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Filtered Water	[illegible]	[illegible]	[illegible]	1	1	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Filtered Water	[illegible]	[illegible]	[illegible]	1	1	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Filtered Water	[illegible]	[illegible]	[illegible]	1	1	[illegible]			[illegible]	N	[illegible]

[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Procedure: [illegible]

Lab Sample	Target Analyte	DL	Parent Sample	Matrix	Raw Weight	Sample Amt.	Final Result	DF	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Dup
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	N
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N

[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Protocol: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	DF	MDL	PQL	% Rec	% RPD	Date Analyzed	QC?	Type
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]

Analyte: Alkalinity
Method: 310.1 / SM20 2320 B

Run # 72[illegible] 6 324100

Table K1 [illegible]

[illegible]	Titrant Alkalinity mg CaCO3	Carbonate Alkalinity mg CaCO3	Bicarbonate Concentration mg CaCO3
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

Reagents: Concentration
HCl 0.02 N

B = Phenolphthalein Alkalinity T = Total Alkalinity

Phenolphthalein alkalinity is the quantity titrated from pH 8.3 to pH 8.3

Alkalinity mg CaCO3/L = (A [illegible] N [illegible]) x 50,000/ mL sample

Alkalinity Low level mg CaCO3/L = ((2A [illegible] - B [illegible]) [illegible] N [illegible]) x 50,000/ mL sample

R:\WF7\ANALYSF\SMCKITF\MPL\TF100, Bicarb Carb OH Calculation

Service Request#	Sample Vol (mL)	pH Initial	Vol to pH 8.3	Vol to pH 4.5	Vol to pH 4.2	Phen Alk mg/L	OH- Alk mg/L	Carb Alk mg/L	Bicarb alk mg/L	Total Alk mg/L	Low Level Alk mg/L	Notes/Comments
K21 05471 003	30	8.37	0.044	5.45		1.47	0.000	2.93	179	182		
K21 05471-004	30	8.35	0.018	5.39		0.800	0.000	1.20	178	180		
K21 05471-005	30	8.33	0.016	5.58		0.800	0.000	1.20	185	186		
K21 05526-003	30	8.40	0.045	4.55		1.50	0.000	3.00	149	152		
K21 05527-003	30	8.40	0.043	4.65		1.43	0.000	2.87	152	155		
K21 05527 003 Dup	30	8.47	0.044	4.66		1.47	0.000	2.93	152	155		
K-21 05521-007	30	8.36	0.061	7.38		2.03	0.000	4.07	241	245		
K21 05552-002	30	8.37	0.049	5.67		1.63	0.000	3.27	186	189		
K21 05552-002 Dup	30	8.37	0.043	5.67		1.33	0.000	2.67	186	189		

Date: 05/20/2021
Run ID: [illegible]
Instrument ID: [illegible]
Site Name: [illegible]
Analyst: ACOWP
Test Name/ID: [illegible]
Test Name/ID: [illegible]
Standards: Name/ID: [illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Metals

ALS Environmental—Kelso Laboratory
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Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

Preparation Information Benchsheet

Prep Run	[illegible]	**Prep Workflow**	MetDigestICP	**Status**	Prepped	**Prep Date:**	[illegible]
Team	Metals	**Prep Method**	EPA CLP ILM05.3	**Current Step:**	Digestion	**Due Date:**	[illegible]
Analyst	[illegible]	**Rush/NPDES**	N/A			**Hold Date:**	[illegible]

[illegible]

10 Total Samples consisting of 4 Client Samples, 3 Client QC Samples, 3 Batch QC Samples associated with the current Prep Run

Spiking Solutions

Name	Type	ID	Expires	Name	Type	ID	Expires
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Materials

Step	Name	ID	Step	Name	ID
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			

Preparation Hardware / Equipment

Step	Name	Property	Value		Step	Name	Property	Value
[illegible]	[illegible]	[illegible]			[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]					

Preparation Steps

Step	Start	Finish	By	Actual By	Approved	Comments
[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	

Comments

[illegible]

Review

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Information Benchsheet

Prep Run	[illegible]	**Prep Workflow:**	MetDigAdICP	**Status**	Draft	**Prep Date.**	06/30/2021 16:53
Team	Metals	**Prep Method:**	EPA 3127 II Milli-Q	**Current Step:**	Digestion	**Due Date**	05/26/2021
Analyst	ASOTER	**Rush/NPDES.**	N/A			**Hold Date:**	11/09/2021

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]		[illegible]	[illegible]
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[illegible]	[illegible]		[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]		[illegible]	[illegible]

[illegible] Total Samples consisting of [illegible] Client Samples, [illegible] Client QC Samples, [illegible] Batch QC Samples associated with the current Prep Run.

Spiking Solutions

Preparation Materials

Preparation Hardware / Equipment

Preparation Steps

Step	Start	Finish	By	Materials	Result	Comments
[illegible]					[illegible]	

Comments

[illegible]

Reviewer

[illegible] Date

Preparation Information Benchsheet

Prep Run: 280839		**Prep Workflow**	MetSig4gMS	**Status**	Prepped	**Prep Date.**	[illegible]
Team	Metals	**Prep Method**	EPA CLP ILM04.0	**Current Step:**	Digestion	**Due Date:**	[illegible]
Analyst	Jenna Boyer	**Rush/NPDES**	N/A			**Hold Date.**	[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]

5 Total Samples consisting of 4 Client Samples, 2 Client QC Samples, 2 Batch QC Samples associated with the current Prep Run

Spiking Solutions

Name	Type	ID	Expires	Name	Type	ID	Expires
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Materials

Step	Name	ID	Step	Name	ID
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			

Preparation Hardware / Equipment

Step	Name	Property	Value	Step	Name	Property	Value
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		

Preparation Steps

Step	Start	End	By	Associated Sh	[illegible]	Comments
[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	

Comments

[illegible]

Review

[illegible] [illegible] [illegible]

[illegible]

ICPMS LCSW AND SPIKING SOLUTIONS

2.0mL to 500mL Dilution of Inorganics Ventures QCP-CCV-1
In-vial 1/100 QCP-CCV-1

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Al	10000	100
Ba	10000	100
Co	2500	25
Mn	2500	25
Ni	2500	25
V	2500	25
Zn	2500	25
Cu	1250	12.5
Ag	1250	12.5
Cr	1000	10
Be	250	2.5

0.1mL to 100mL Dilution of 1000ppb Sb
In-vial 1ug/mL Sb

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Sb	1000	10

2.0mL to 500mL Dilution of Inorganics Ventures QCP-CICV-3
In-vial 1/100 QCP-CICV-3

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
As	5000	50
Pb	5000	50
Se	5000	50
Tl	5000	50
Co	2500	25

0.5mL to 100mL Dilution of 1,000 ppm Mo and 1,000 ppm U
In-vial Mo/U 5ppm

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Mo	5000	25
U	5000	25

Preparation Information Benchsheet

Prep Run.	350535	**Prep Workflow.**	HcDig6445	**Status**	Draft	**Prep Date:**	06/04/2021 15:54
Team:	Metals	**Prep Method**	EPA CLP ILM04.0	**Current Step:**	Digestion	**Due Date:**	05/20/2021
Analyst	AHUYFR	**Bench/MPDES**	N/A			**Hold Date:**	11/09/2021

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

8 Total Samples consisting of 4 Client Samples, 2 Client QC Samples, 2 Batch QC Samples associated with the current Prep Run

Spiking Solutions

Preparation Materials

Preparation Hardware / Equipment

Preparation Steps

Step	Started	Finished	By	Analytical Qty	Instrument	Comments
Digestion						

Comments

[illegible]

Review

Reviewed By	Date
[illegible]	[illegible]

HG-CGC-AAS-01 Arsenic Speciation Data Review Form

Element: Total Inorganic Arsenic

Starlims Run #: 726553

CALSTD Source: AA1-42-C
CALVER Source: AA1-41-J
Pipettors ID: As 20-200, As 100-1000, As 1000-5000

Service Request Numbers: K2105450, K2105449, K2105592, K2105451, K2105579, K2105877, K2106175, K2106188

	Yes	No	NA
1) Three or more non-zero calibration points analyzed	X		
2) Mean calibration factor RSD <20%	X		
3) CALVER's within 20% of true value	X		
4) CALBLK's below MDL	X		
5) CALVER's, CALBLK's run every 10 samples	X		
6) A minimum of three method blanks analyzed	X		
7) All reported samples within calibration range	X		
8) MS/MSD every 10 samples	X		
9) MS/MSD within 50-150%, RPD <35%	X		
10) Samples analyzed within hold time	X		
11) QCS analyzed quarterly with the mean from 3 analyses within ±10% of the true value	X		

Comments:

Primary Reviewed By: [illegible] Date: [illegible]

Secondary Reviewed By: [illegible] Date: [illegible]

Method 1632 [illegible] | Service Request # : K2105450, K2105489, K2105552, K2105851, K2105819, K2105[illegible]
HAS Acid: MMA DATA K2[illegible]
Analysis For: As

DATA

Pos.	SAMPLE NUMBER	Initial Sample (g)	Digest Volume (mL)	Aliquot Volume (mL)	Dilution Factor	peak area	mg/L	mg/L - mg/g	Comments
1	[illegible]			50		[illegible]	0.01	0.0	
2	[illegible]			50		[illegible]	[illegible]	[illegible]	
3	[illegible]			50		[illegible]	[illegible]	[illegible]	
4	[illegible]			50		[illegible]	[illegible]	[illegible]	
5	[illegible]			50		[illegible]	[illegible]	[illegible]	
6	[illegible]			50		[illegible]	[illegible]	[illegible]	
7	[illegible]			50		[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]			50		[illegible]	[illegible]	[illegible]	
9	K2[illegible]			25	2	[illegible]	[illegible]	[illegible]	
10	K2[illegible]	-	-	25	2	[illegible]	[illegible]	[illegible]	
11	K2[illegible]			10	5	[illegible]	[illegible]	[illegible]	
12	K2[illegible]			10	5	[illegible]	[illegible]	[illegible]	[illegible]
13	K2[illegible]			10	5	[illegible]	[illegible]	[illegible]	[illegible]
14	K2[illegible]	-	-	10	5	[illegible]	[illegible]	[illegible]	
15	K2[illegible]			25	2	[illegible]	[illegible]	[illegible]	
16	K2[illegible]			50		[illegible]	[illegible]	[illegible]	
17	K2[illegible]			10	5	[illegible]	[illegible]	[illegible]	
18	K2[illegible]			10	5	[illegible]	[illegible]	[illegible]	[illegible]
19	CALIBR 2			50		[illegible]	[illegible]	[illegible]	CALIBR [illegible]
20	CALIBR 3			50		[illegible]	[illegible]	[illegible]	
21	K2[illegible]			0	5	[illegible]	[illegible]	[illegible]	[illegible]
22	K2[illegible]			25	2	[illegible]	[illegible]	[illegible]	
23	K2[illegible]	-	-	[illegible]	250	[illegible]	[illegible]	[illegible]	
24	K2[illegible]			0.05	[illegible]	[illegible]	[illegible]	[illegible]	
25	K2[illegible]			0.05	[illegible]	[illegible]	[illegible]	[illegible]	

Comments:	Calibration			
Standard A : AA1-42-H				
Standard A : AA1-42-[illegible]		ug	net peak area	Calibration Factor
Standard B : AA1-41-J		.10	[illegible]	[illegible]
NaBH4 : HG-AAS-3-I		20	[illegible]	[illegible]
6 M HCl : HG-AAS-6-G		10	[illegible]	[illegible]
Tris Buffer : HG-AAS-6-F		0.5	48.0495	[illegible]
				[illegible]
				5.36
CALIBRATION MODE:				5.75

Analyst:	Date	Page Number:
[illegible]	[illegible]	[illegible]

[illegible] Acid.XLS

Method 1632 [illegible]	Sample Request # : K2105490, K2105491, K2105492, K2105493, K2105494, K2105495 [illegible]
Analysis Part: [illegible]	

DATA

Pos.	SAMPLE NUMBER	Initial Sample (g)	Digest Volume (mL)	Aliquot Volume (mL)	Dilution Factor	peak area	ng/L	ug/g mg/L mg/g	Comments
26	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
27	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
28	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
29	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
30	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
31	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
32	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	
33	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
34	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
35	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
36	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
37	[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	
38	[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
39	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
40	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
41	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
42	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
43	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
44	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	
45									
46									
47									
48									
49									
50									

Calibrators				
	[illegible]			
	[illegible]			
	[illegible]			
	[illegible]			
	[illegible]			

Analyst: [illegible]

Date: [illegible]

Page Number: [illegible]

EPA 1632 Calculation Worksheet

SAMPLE NUMBER	Initial Sample (g)	Digest Volume (mL)	Aliquot Volume (mL)	Dilution Factor	peak area	conc (ng)	conc (ng/L)	Comments
SAMPLE 1			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
SAMPLE 2			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
SAMPLE 3			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
SAMPLE 4			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
SAMPLE 5			[illegible]			[illegible]	[illegible]	[illegible]
[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]			[illegible]			[illegible]	[illegible]	
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
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[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Service Request Number: K2105532

Analysis by: Vacuum Filtration — 1632 Dissolved

Lab Code	Filtered Volume (mL)	Amount of HCl (mL)	Time Finished	pH < 2
Filter Blank	[illegible]	[illegible]	[illegible]	[illegible]
K2105532-001	[illegible]	[illegible]	[illegible]	[illegible]
K2105532-002	[illegible]	[illegible]	[illegible]	[illegible]
K2105532-003	[illegible]	[illegible]	[illegible]	[illegible]
K2105532-004	[illegible]	[illegible]	[illegible]	[illegible]

HCl Acid Lot #: [illegible]

Filter Lot #: [illegible]

Filter Size: [illegible]

Analyst: [illegible] Date: [illegible]

Reviewer: [illegible] Date: [illegible]

Service Request Number: K2105677

Analysis for

Vacuum Filtration | 1632 Dissolved

Lab Code	Filtered Volume (mL)	Amount of HCl (mL)	Time Filtered	pH <2
FILTER BLANK	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

HCl Acid Lot #: [illegible]

Filter Lot #: [illegible]

Filter Size: [illegible]

Analyst: [illegible] Date: [illegible]

Reviewed: [illegible] Date: [illegible]

Service Request/ Work Order: K2105451 [illegible]

Analyst for

Vacuum Filtration Discovered 1632

Lab Code	Filtered Volume (mL)	Amount of HCl (mL)	Time Filtered	pH <2
FILTER BLANK	[illegible]	[illegible]	[illegible]	YES
[illegible]	[illegible]	[illegible]	[illegible]	YES
[illegible]	[illegible]	[illegible]	[illegible]	YES

HCl Acid Lot #: [illegible]

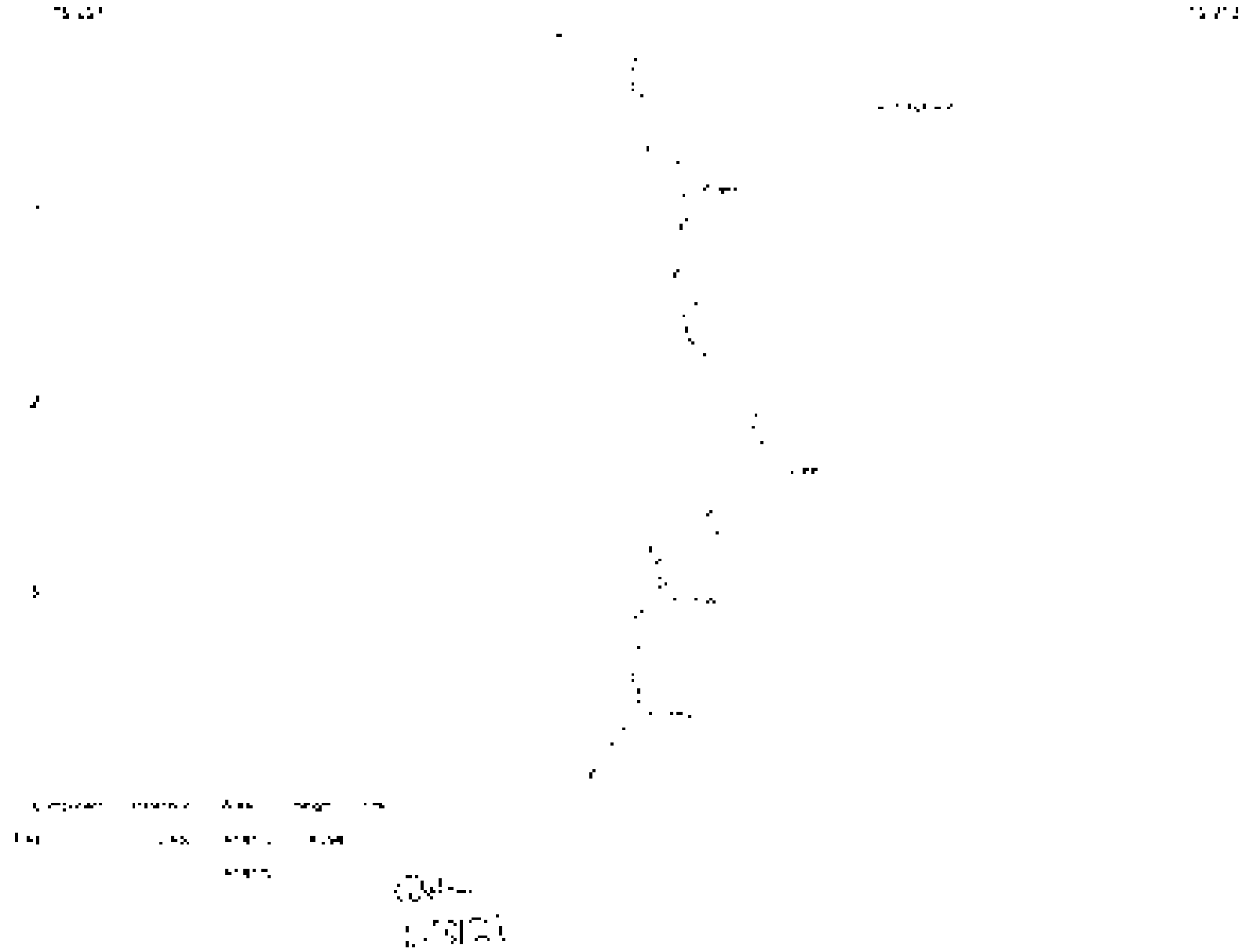
Filter Lot #: 12PD244

Filter Size: [illegible]

Analyst: [illegible] Date: [illegible]

Reviewer: [illegible] Date: [illegible]

Job Name: [illegible]
Client: [illegible]
Analysis Date: [illegible]
Method: [illegible]
Description: [illegible]
Comment: [illegible]
Device: [illegible]
Digitizer: [illegible]
Operator: [illegible]



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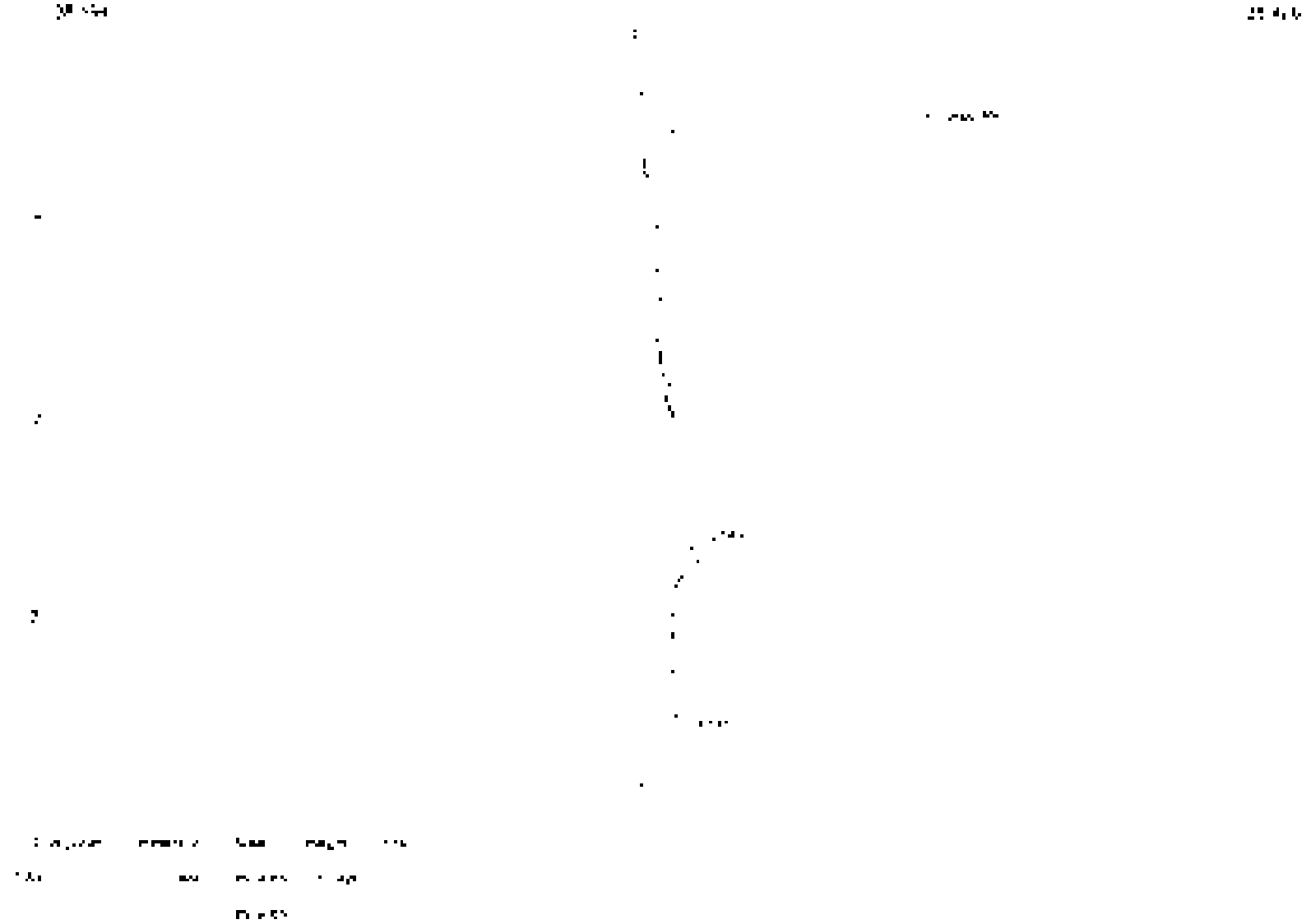

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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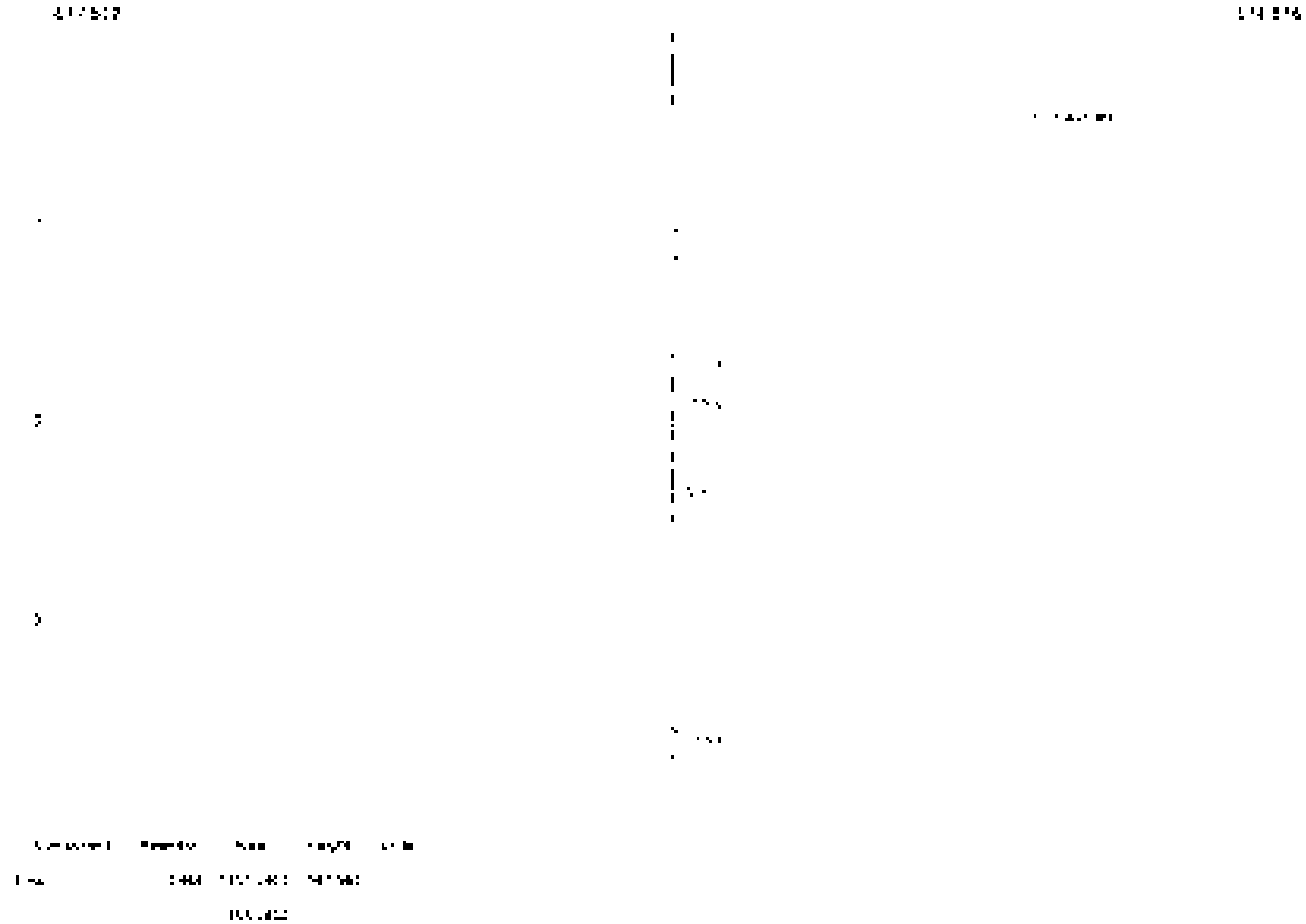

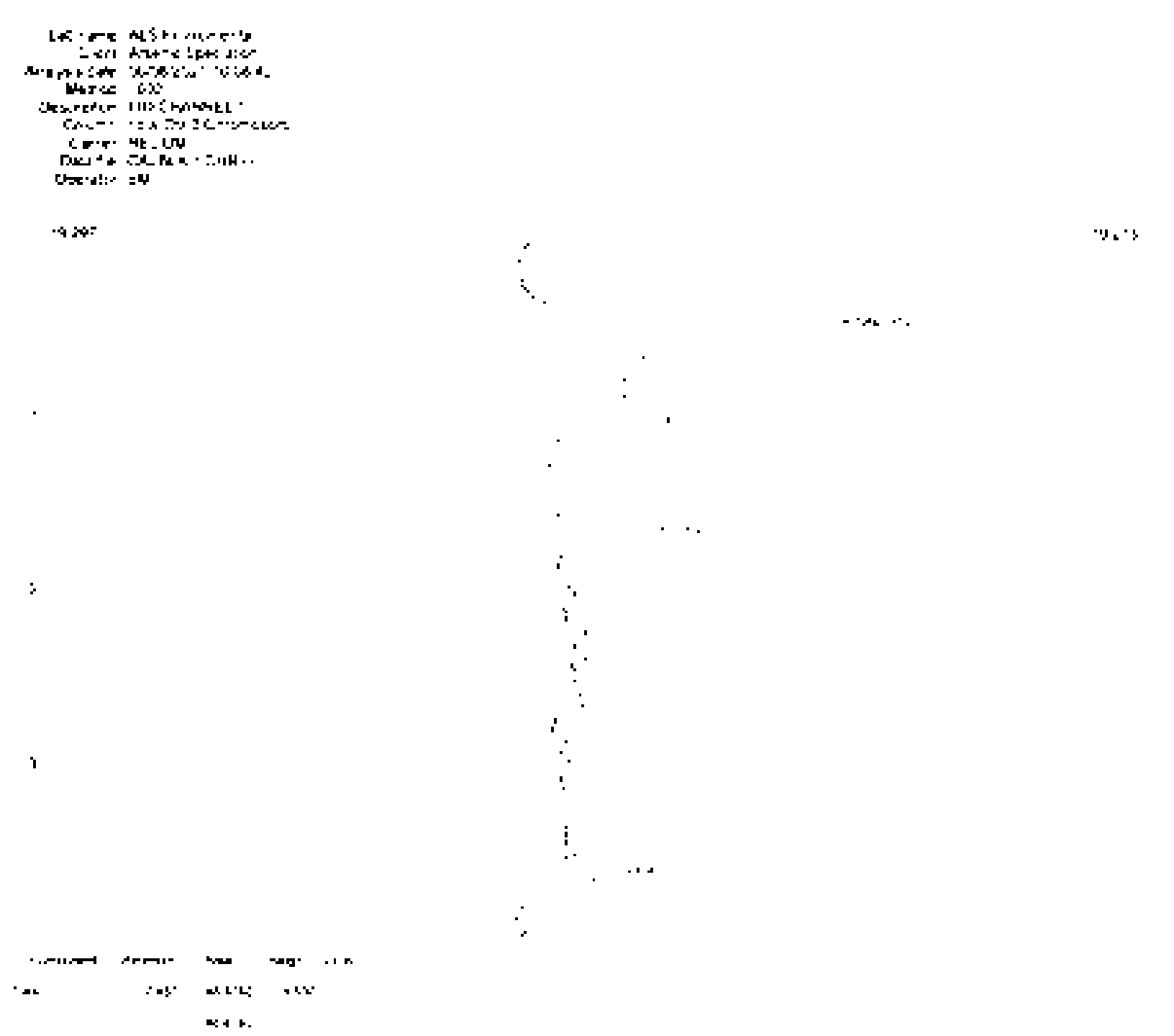

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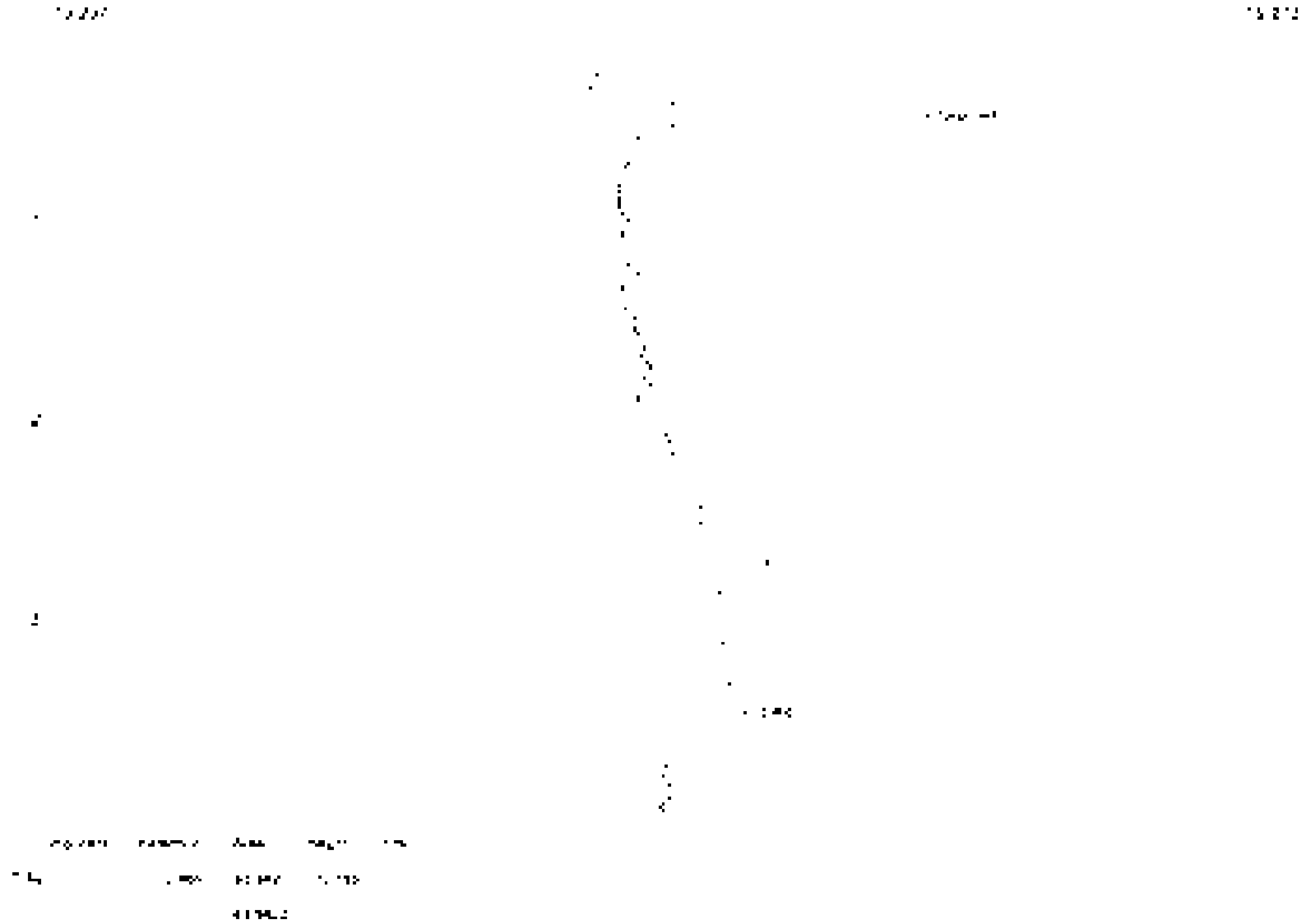

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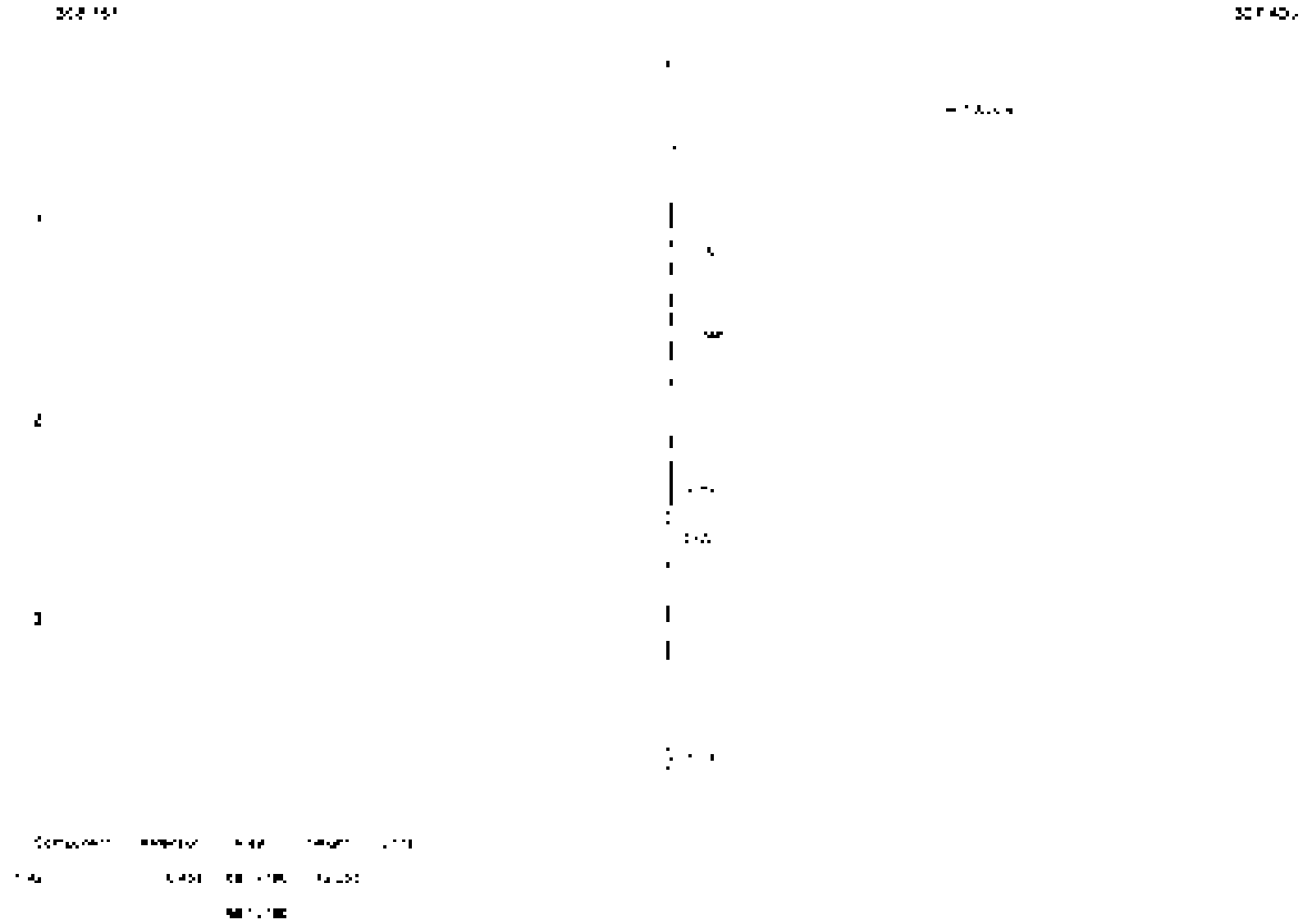

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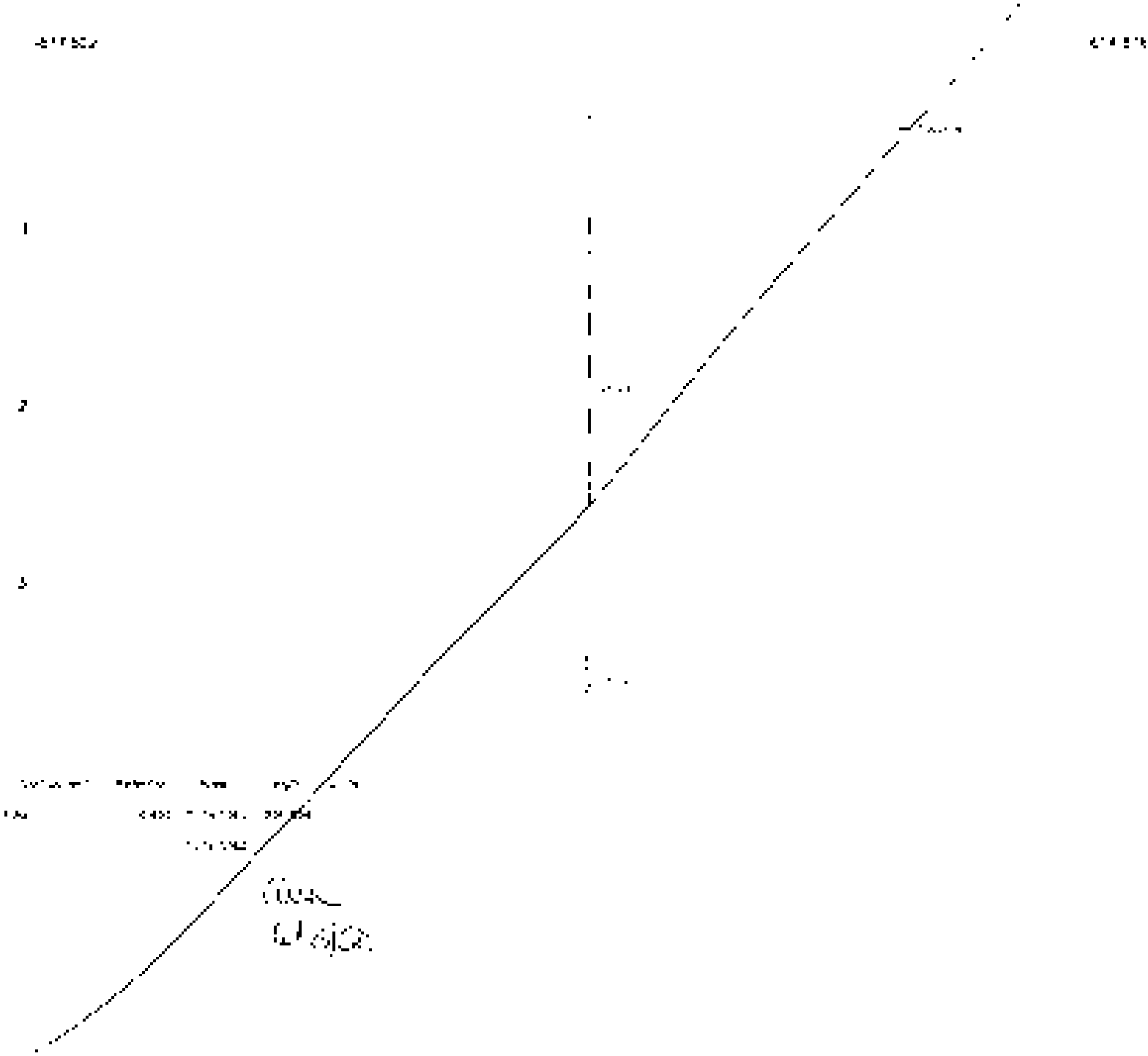

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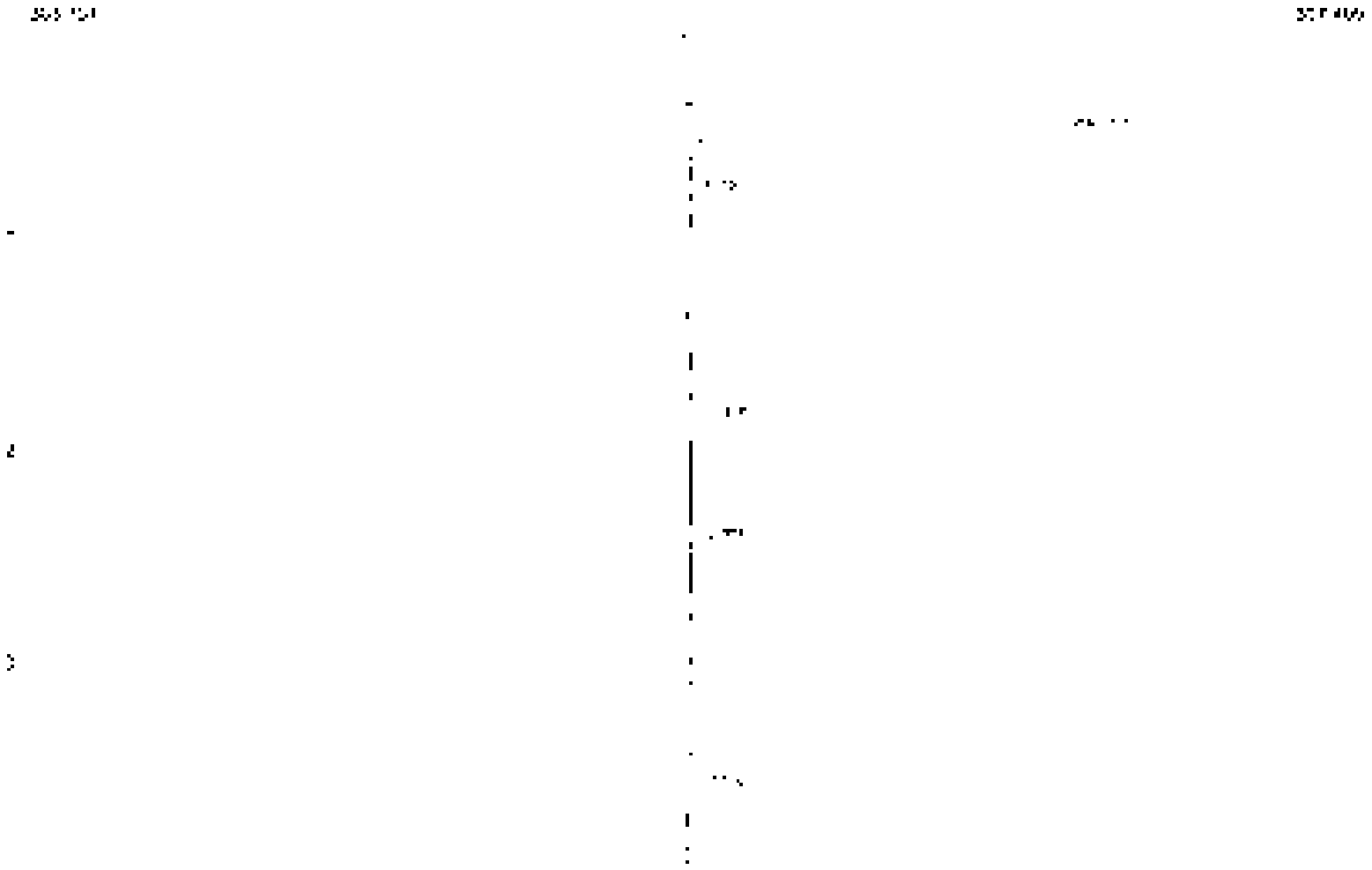

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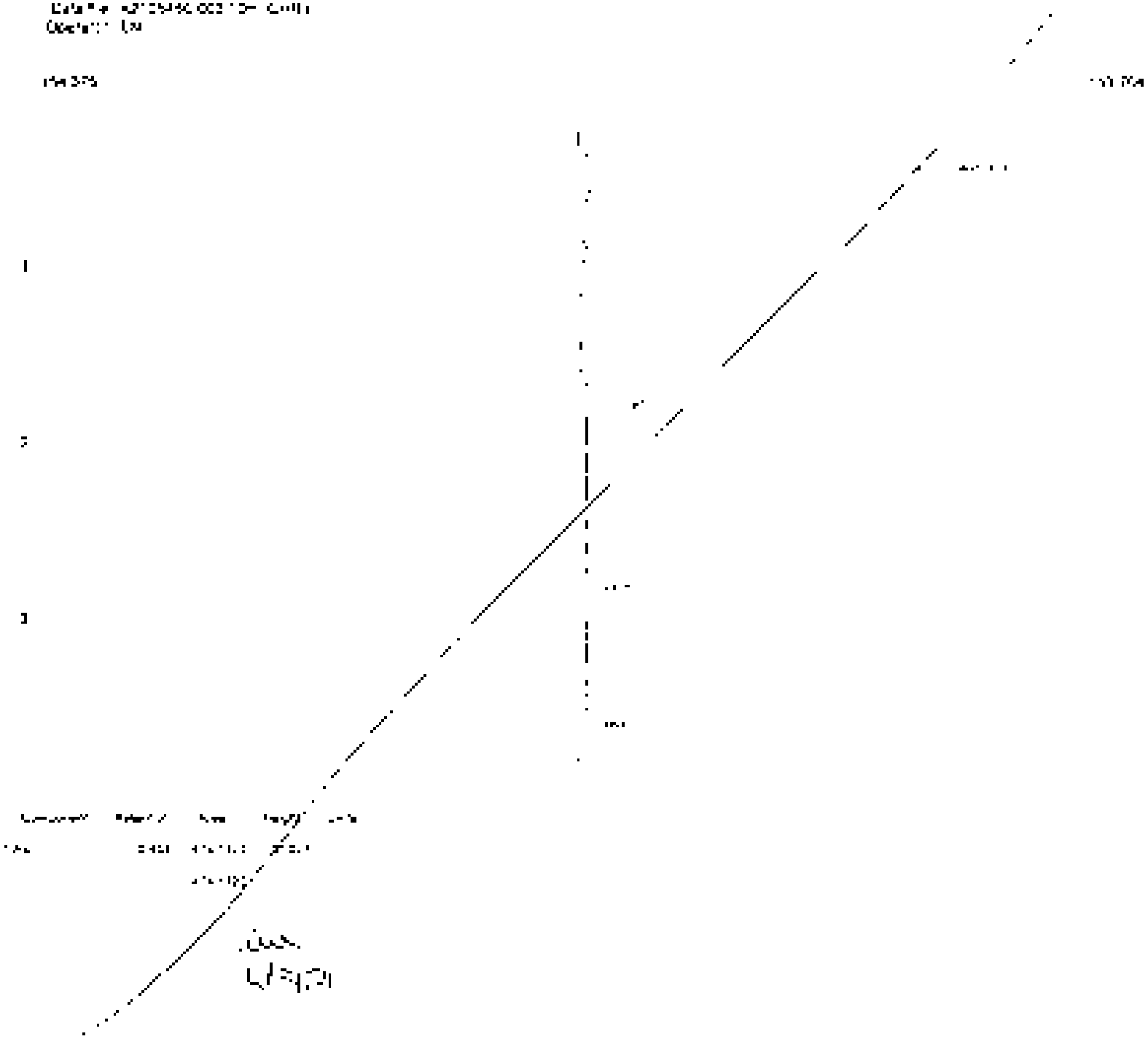

Sample Name [illegible]
Client [illegible]
Analysis Date [illegible]
Method DSC
Instrument [illegible]
Operator [illegible]
Comment [illegible]
Data File [illegible]
Operator [illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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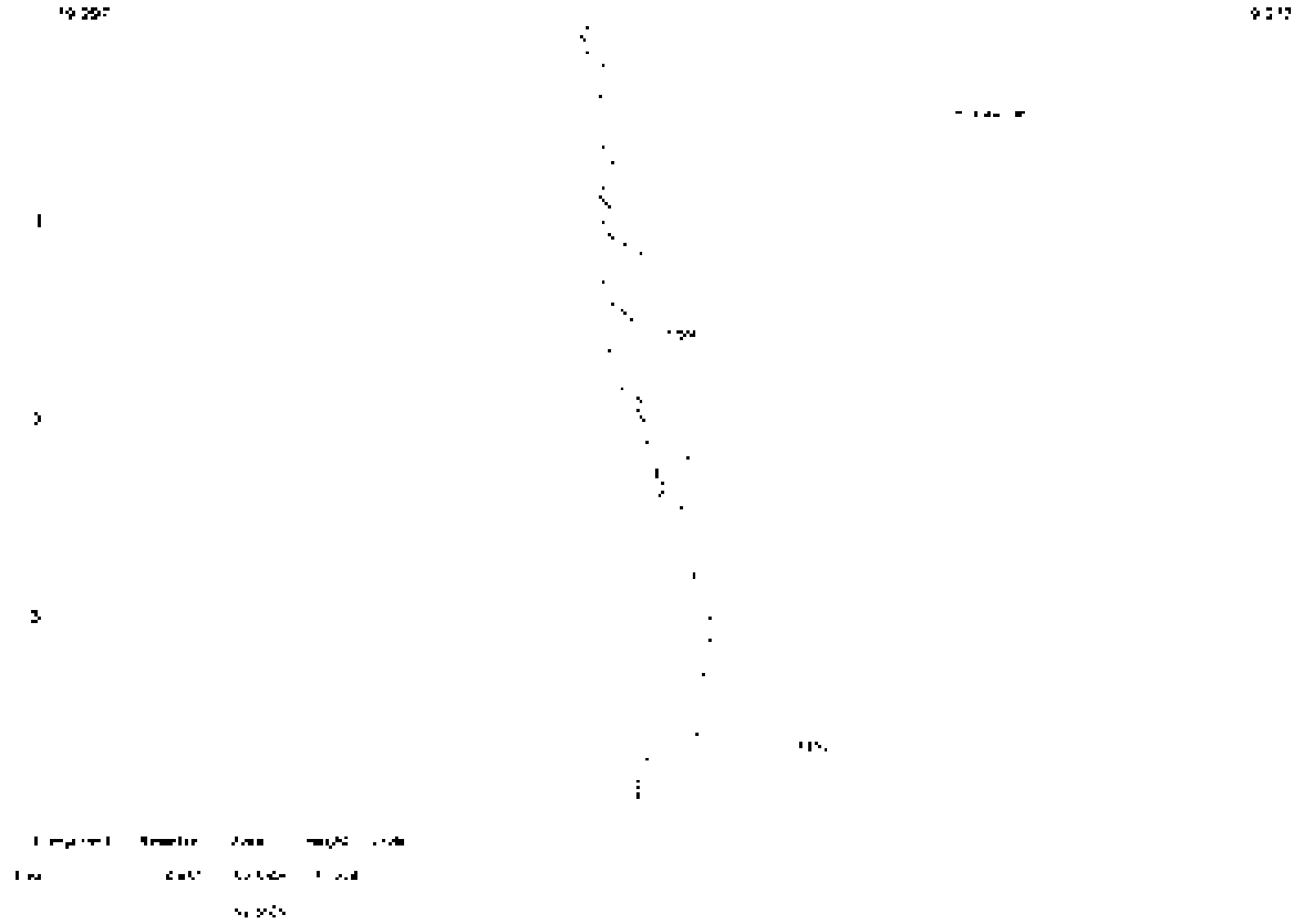

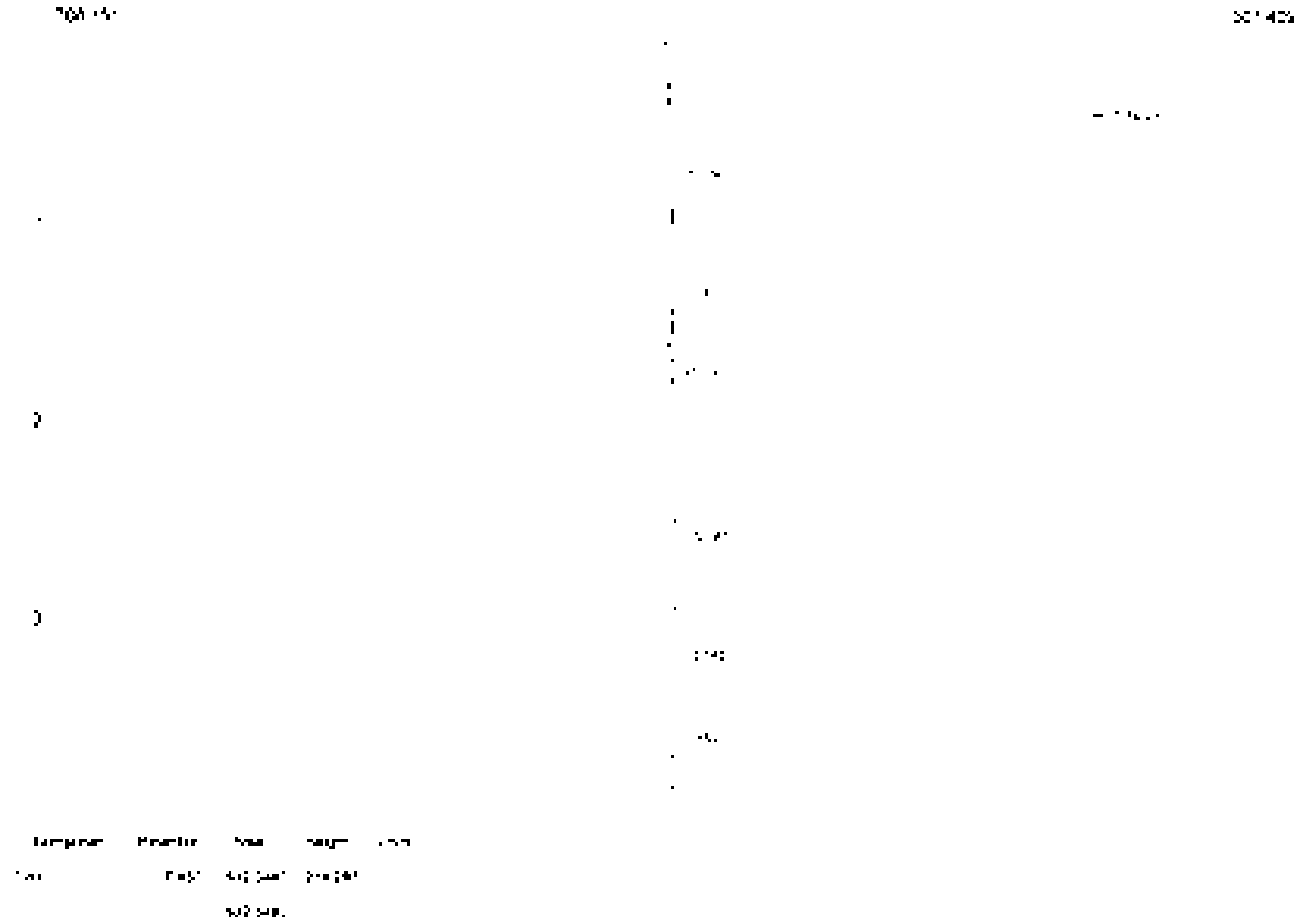

Lab Name [illegible]
Client Amanda Spencer
Analysis Date [illegible]
Matrix [illegible]
Description [illegible]
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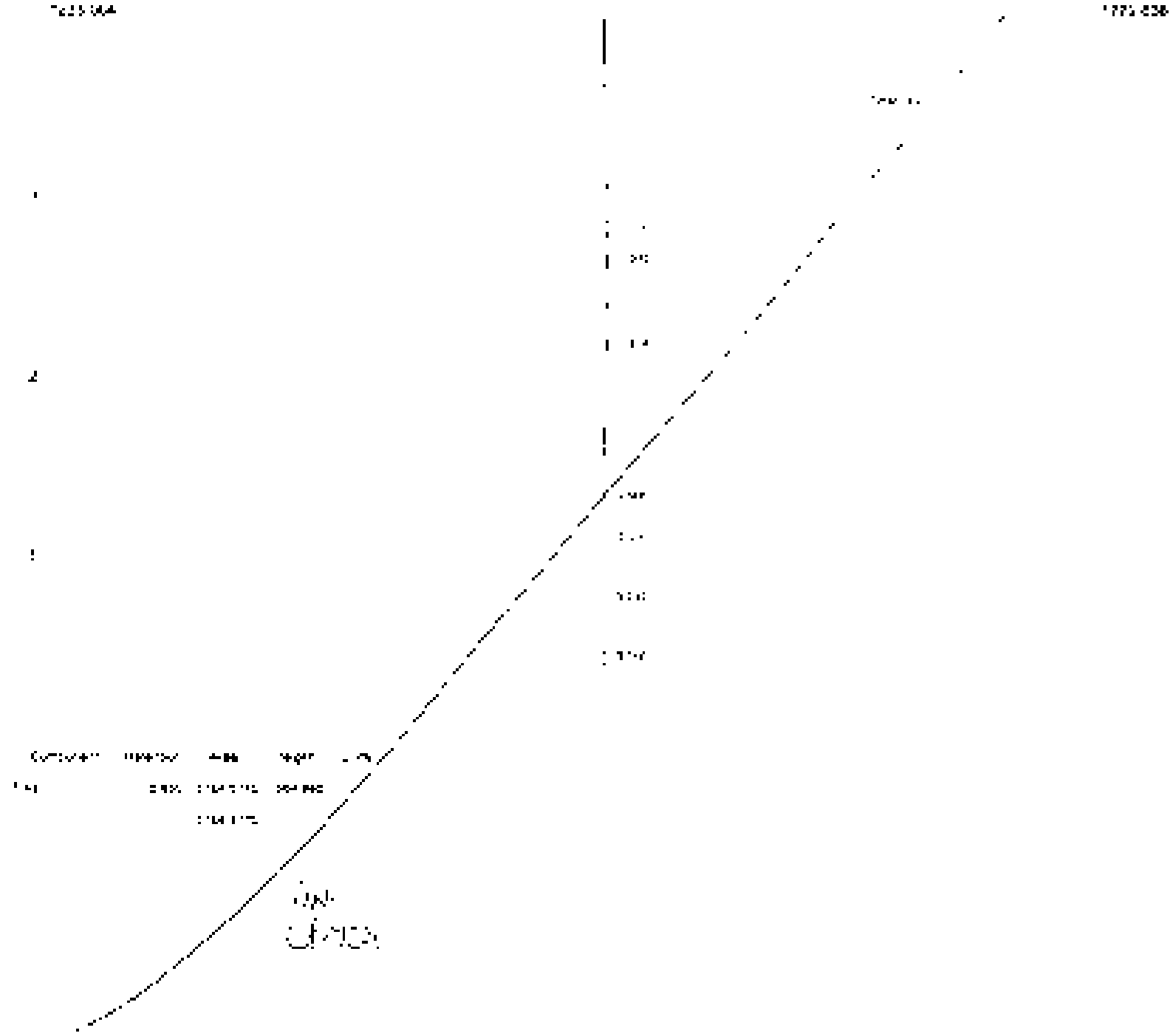
Injection [illegible]
Operator LM



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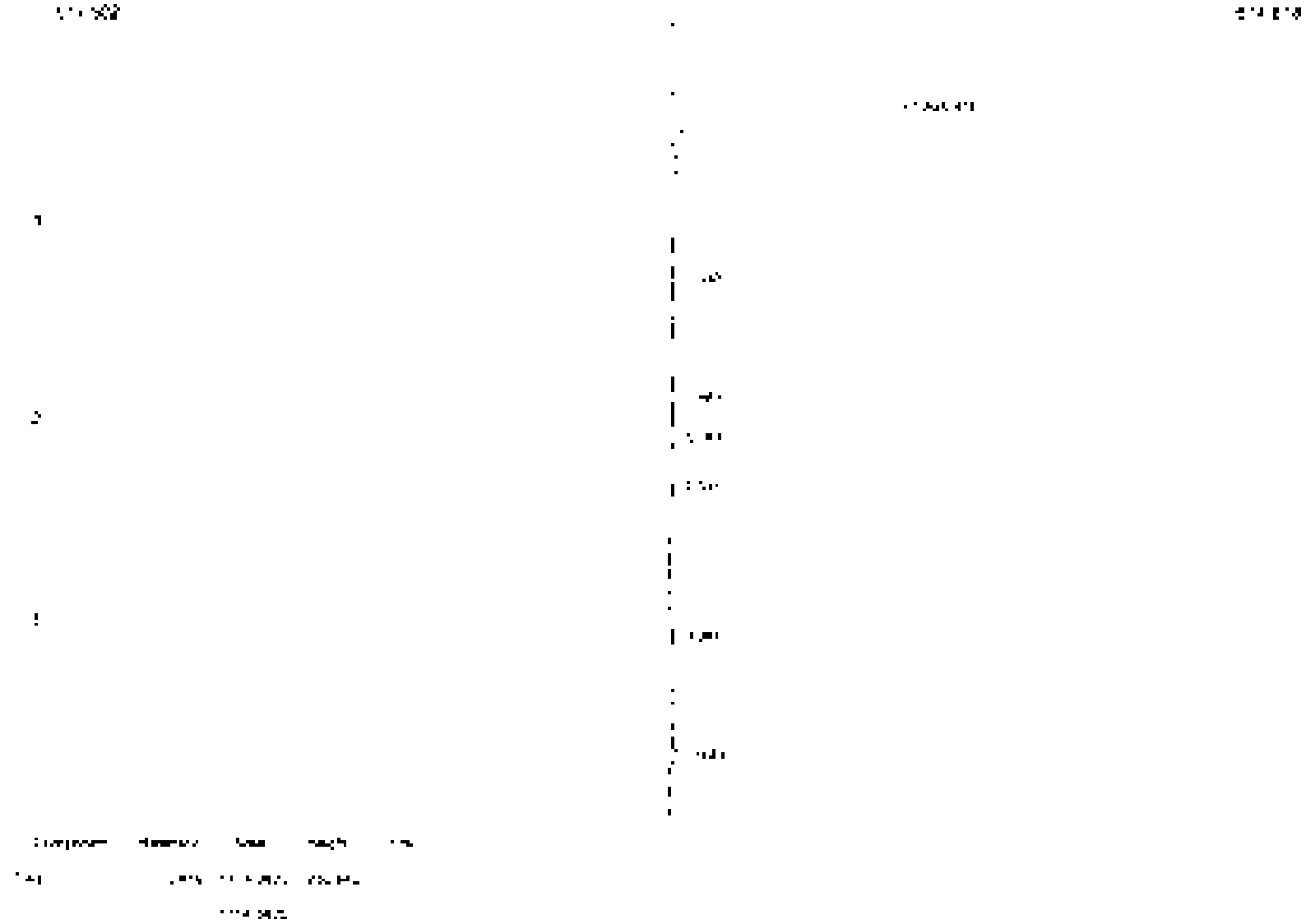
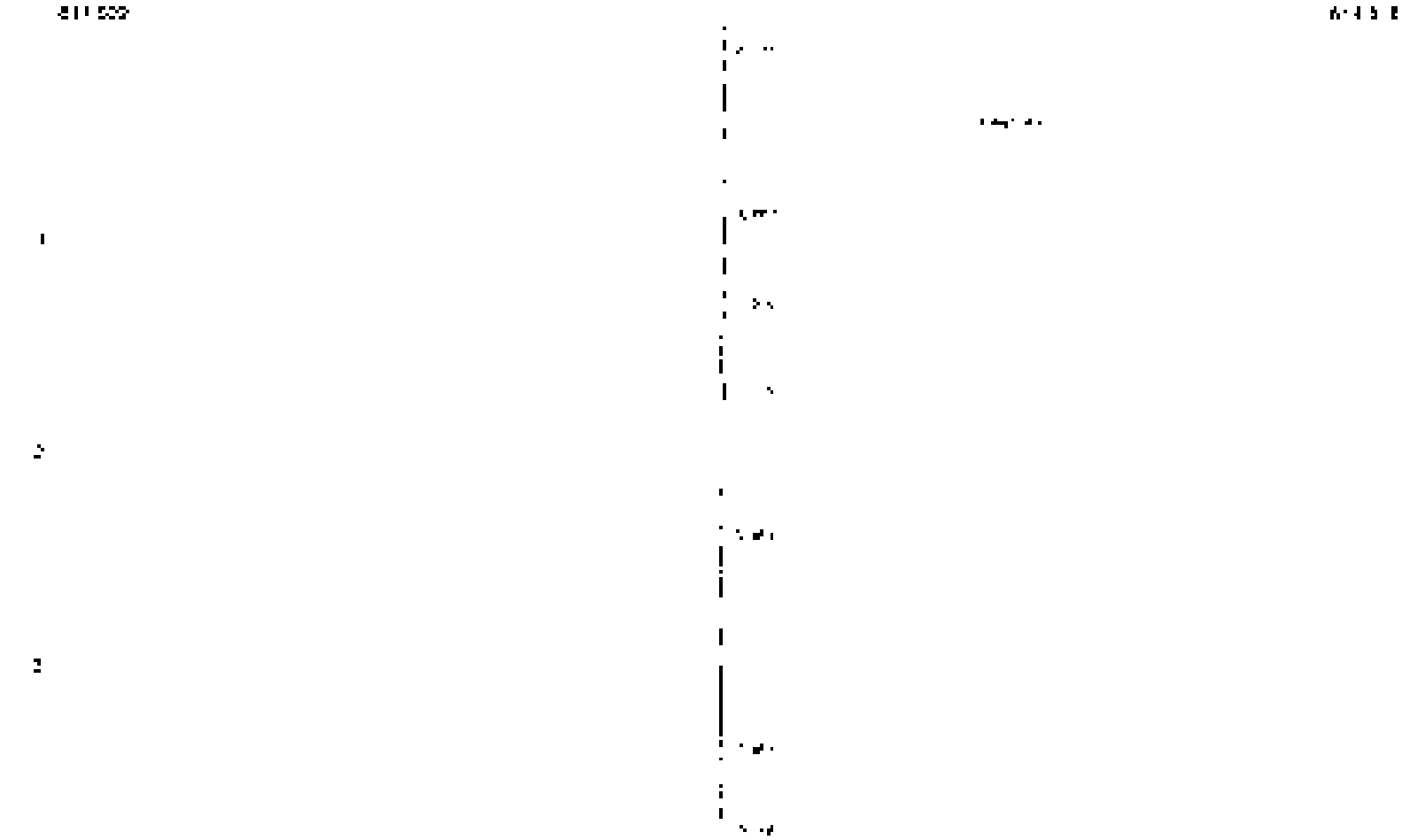
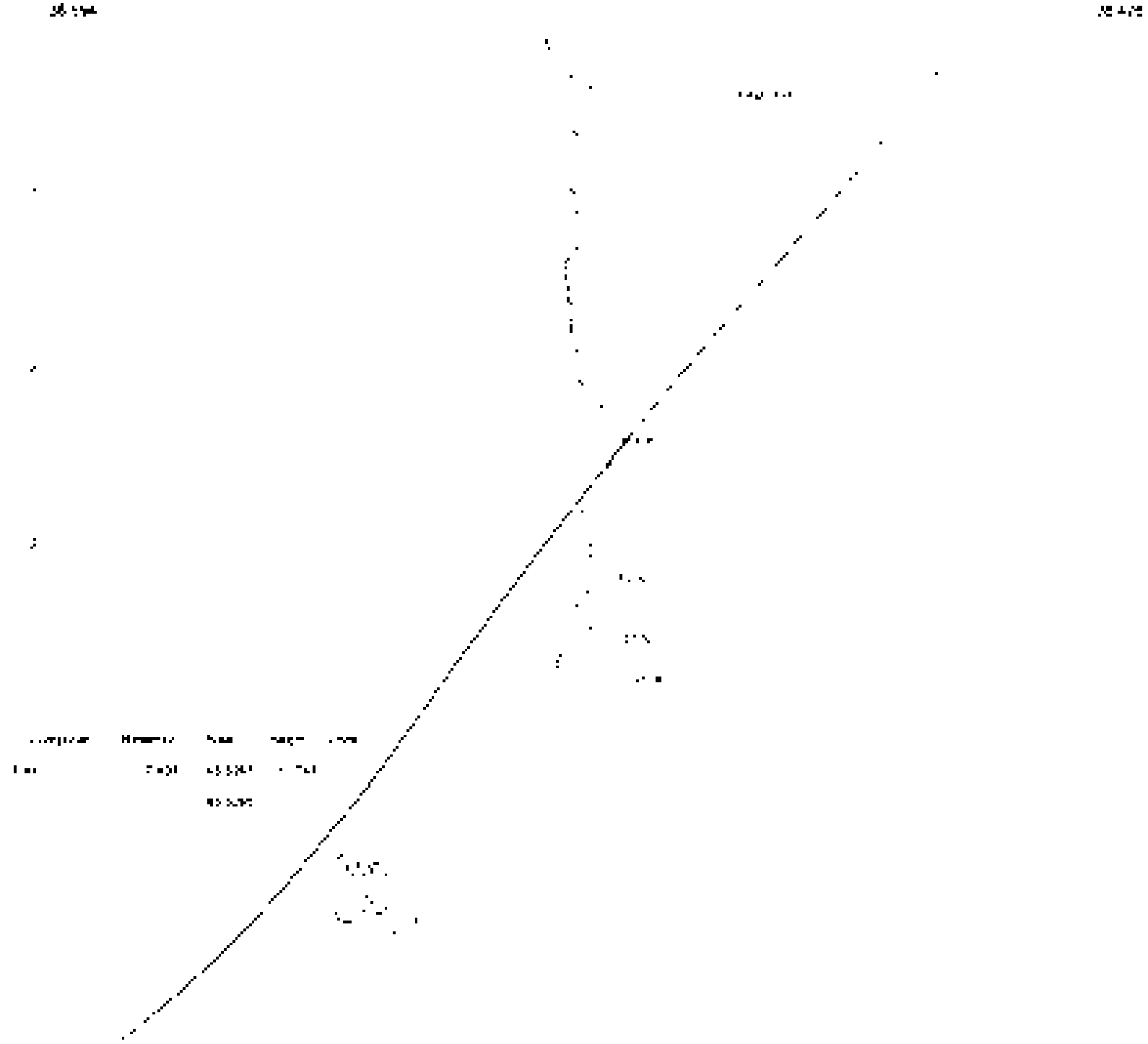


[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]		

Method



Operator LH



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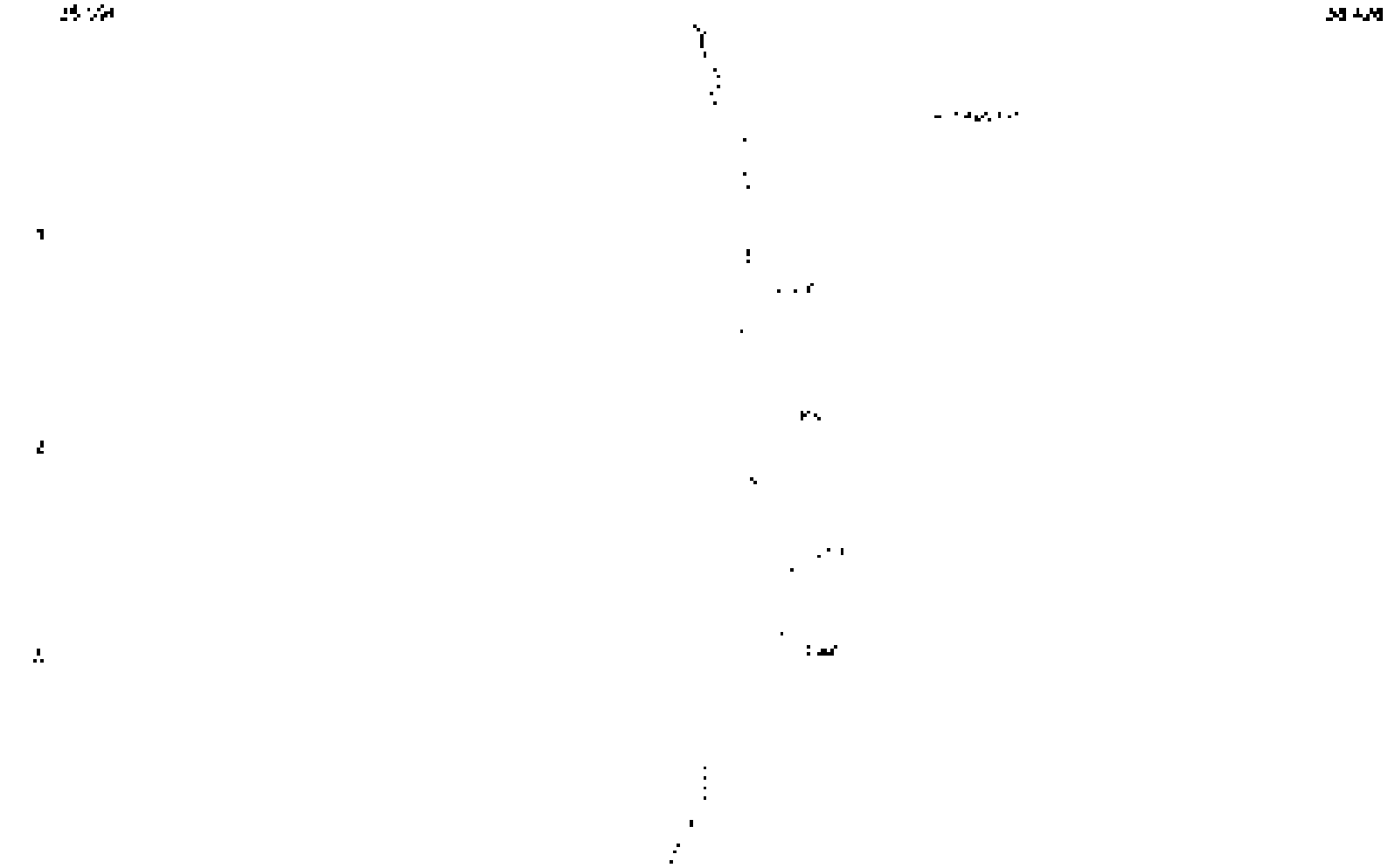

Component	Retention	Area	Height	Area
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		[illegible]		

Lab name ALS Environmental
Client Atlantic Superior Oil
Analysis date [illegible]
Method [illegible]
Description [illegible]
Source [illegible]
Diluent [illegible]
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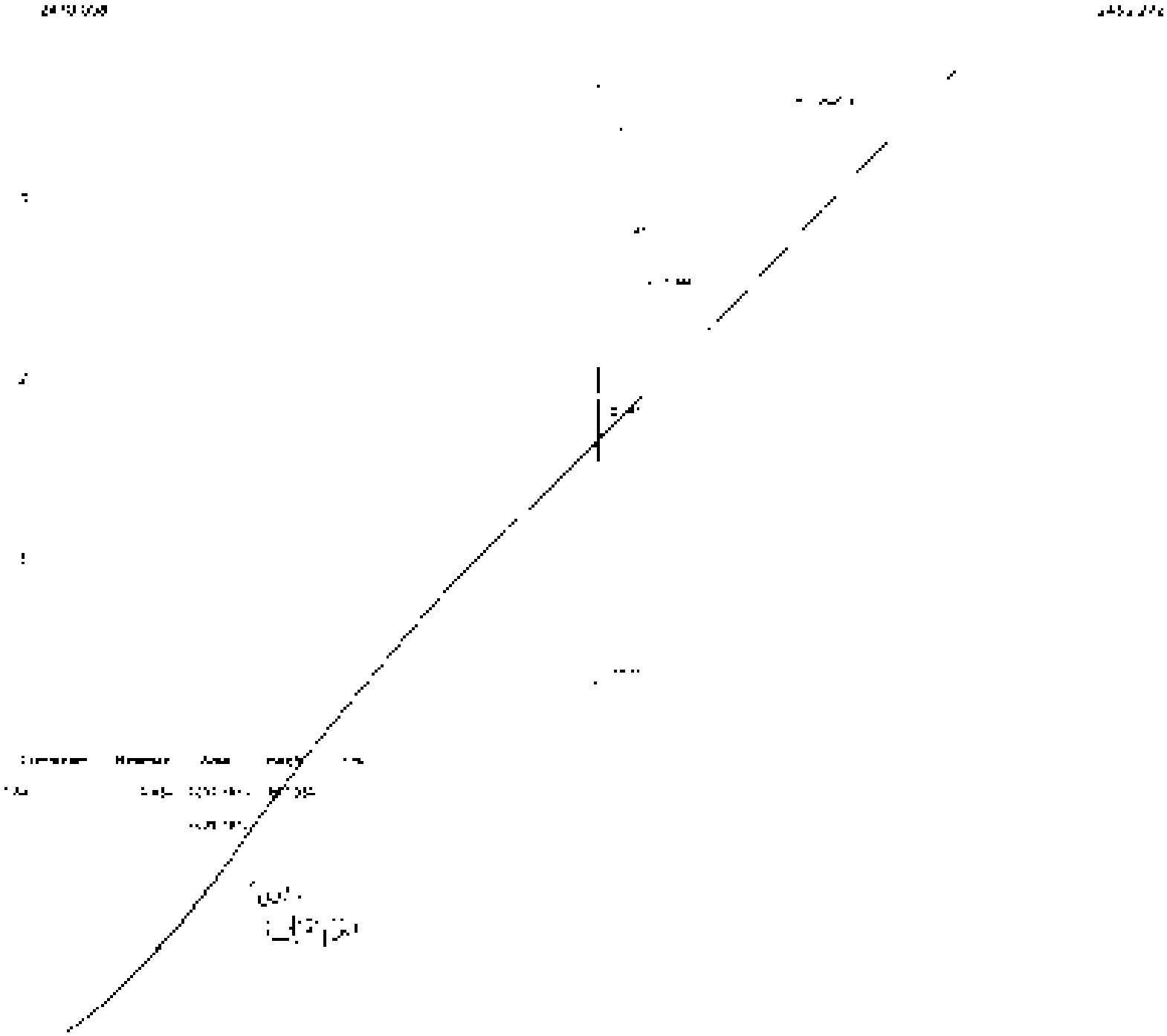
Operator [illegible]



Operator EM

Method 7037

Operator TM

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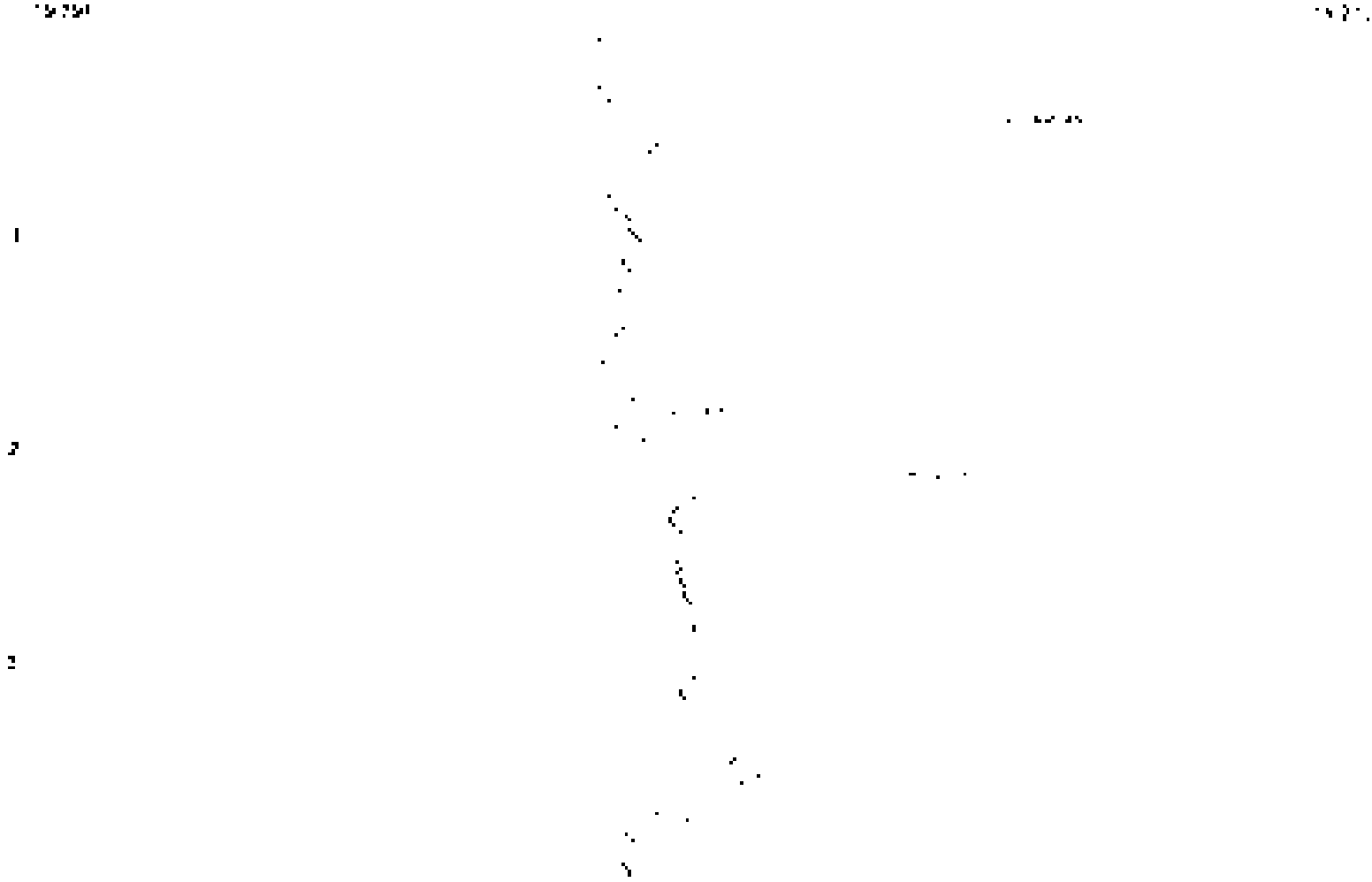

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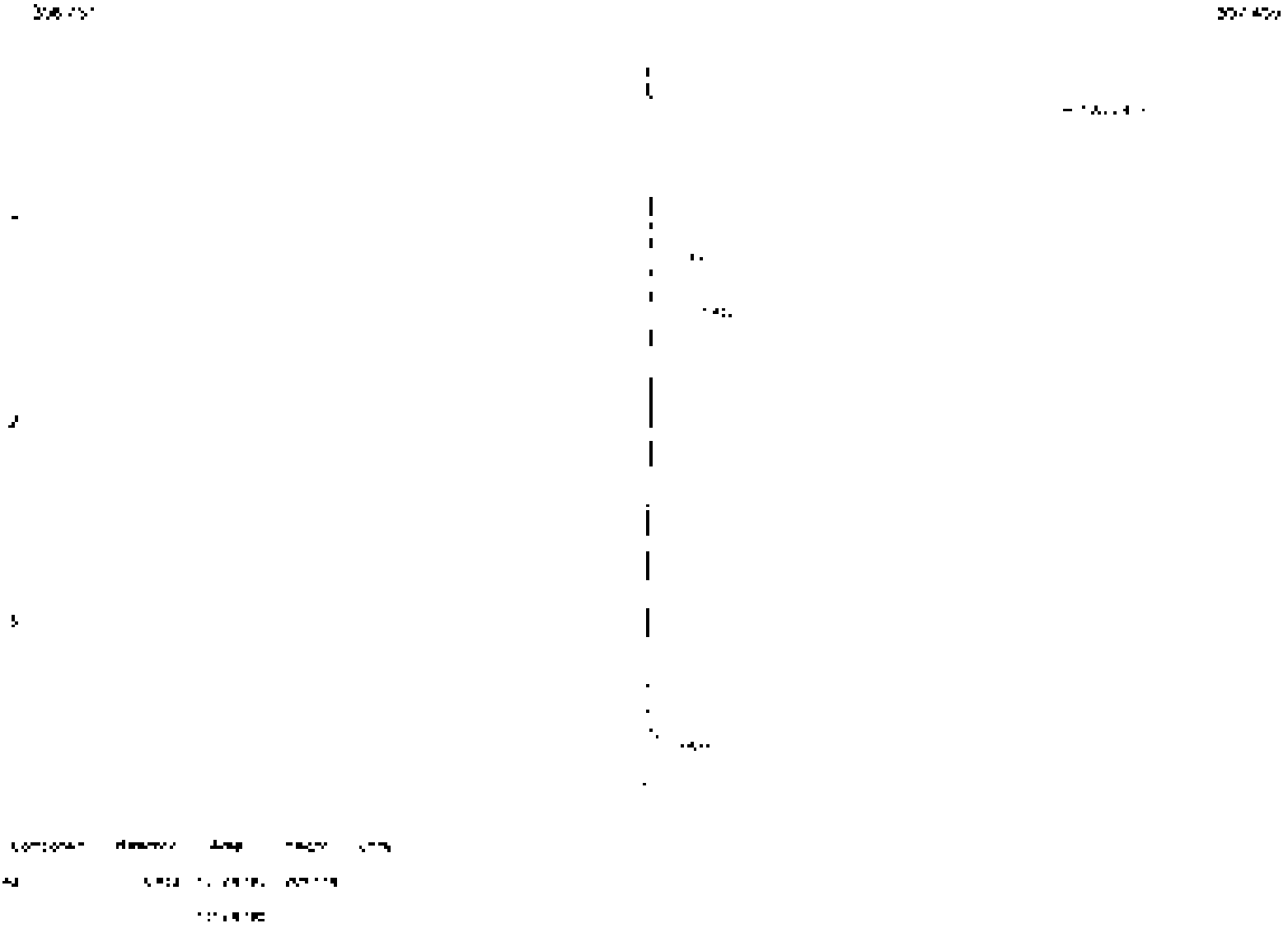
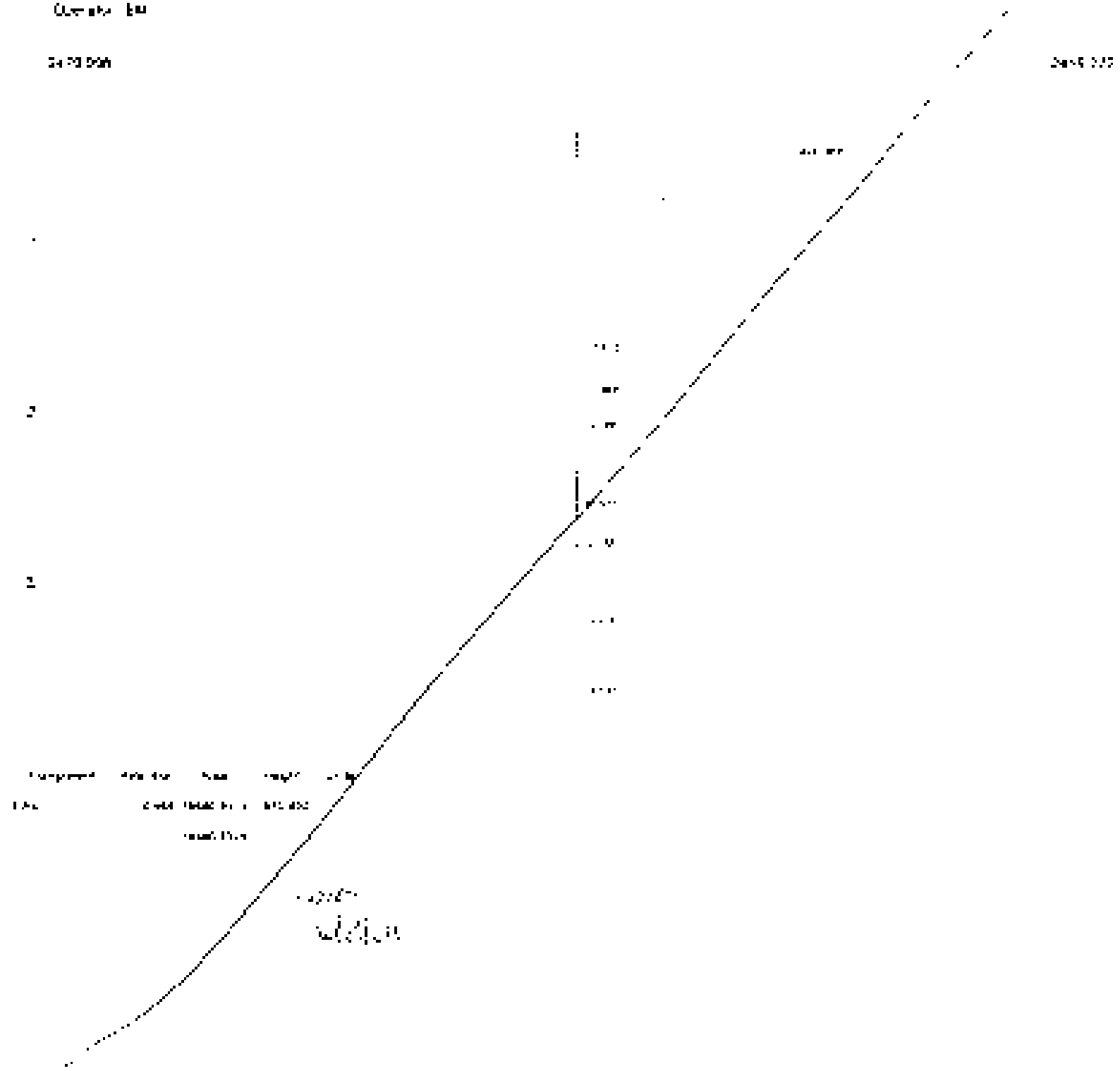
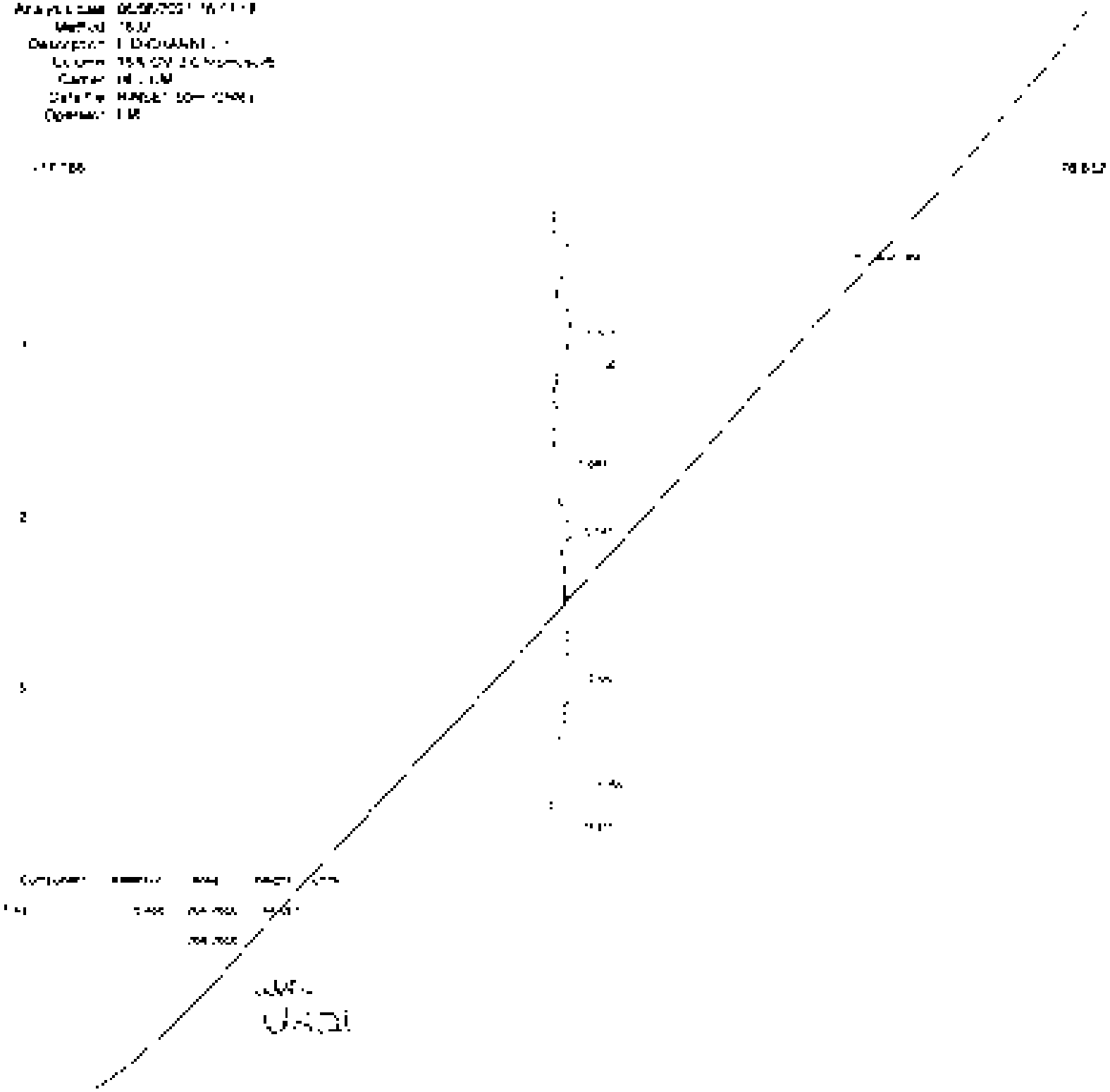
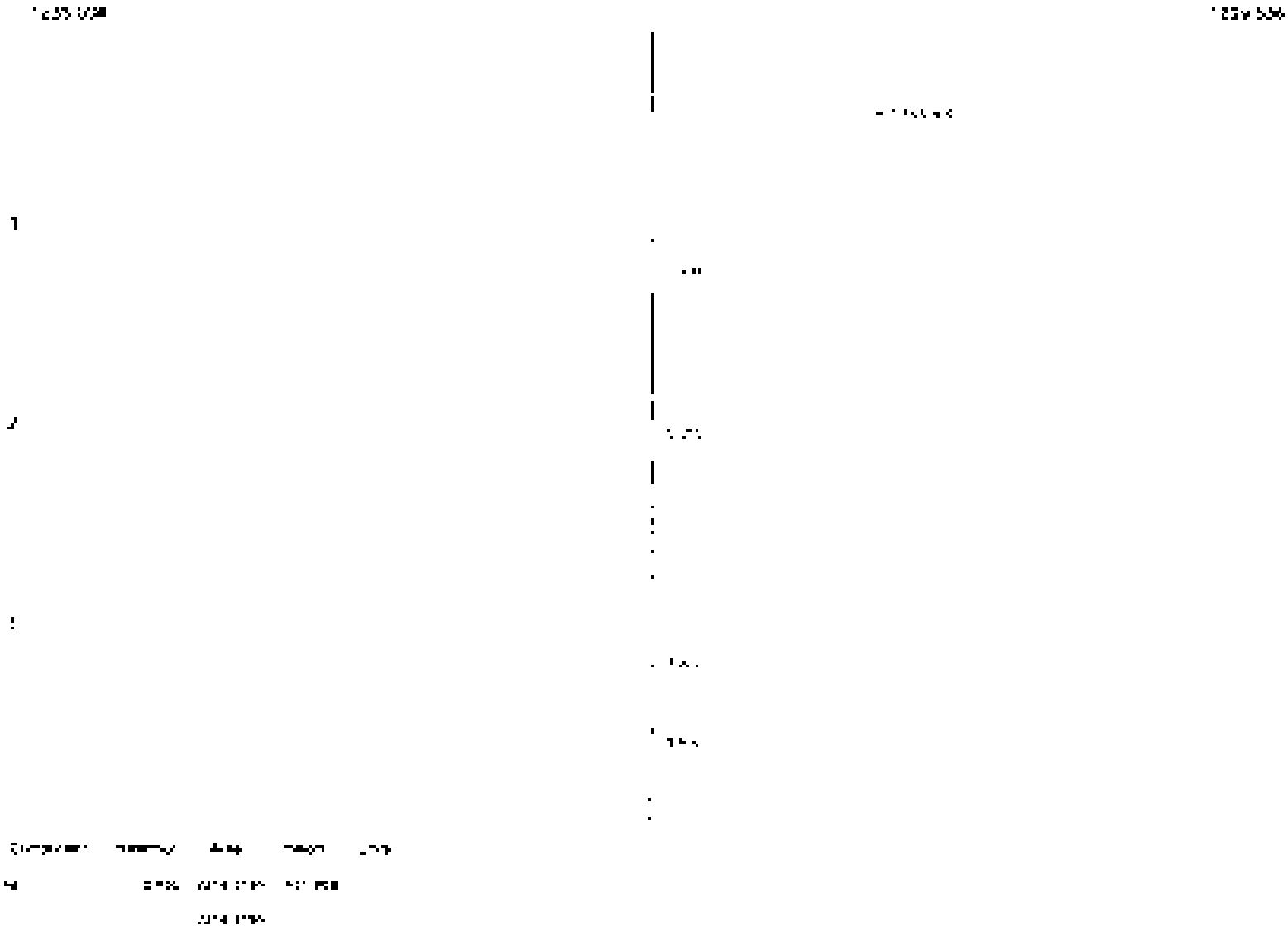
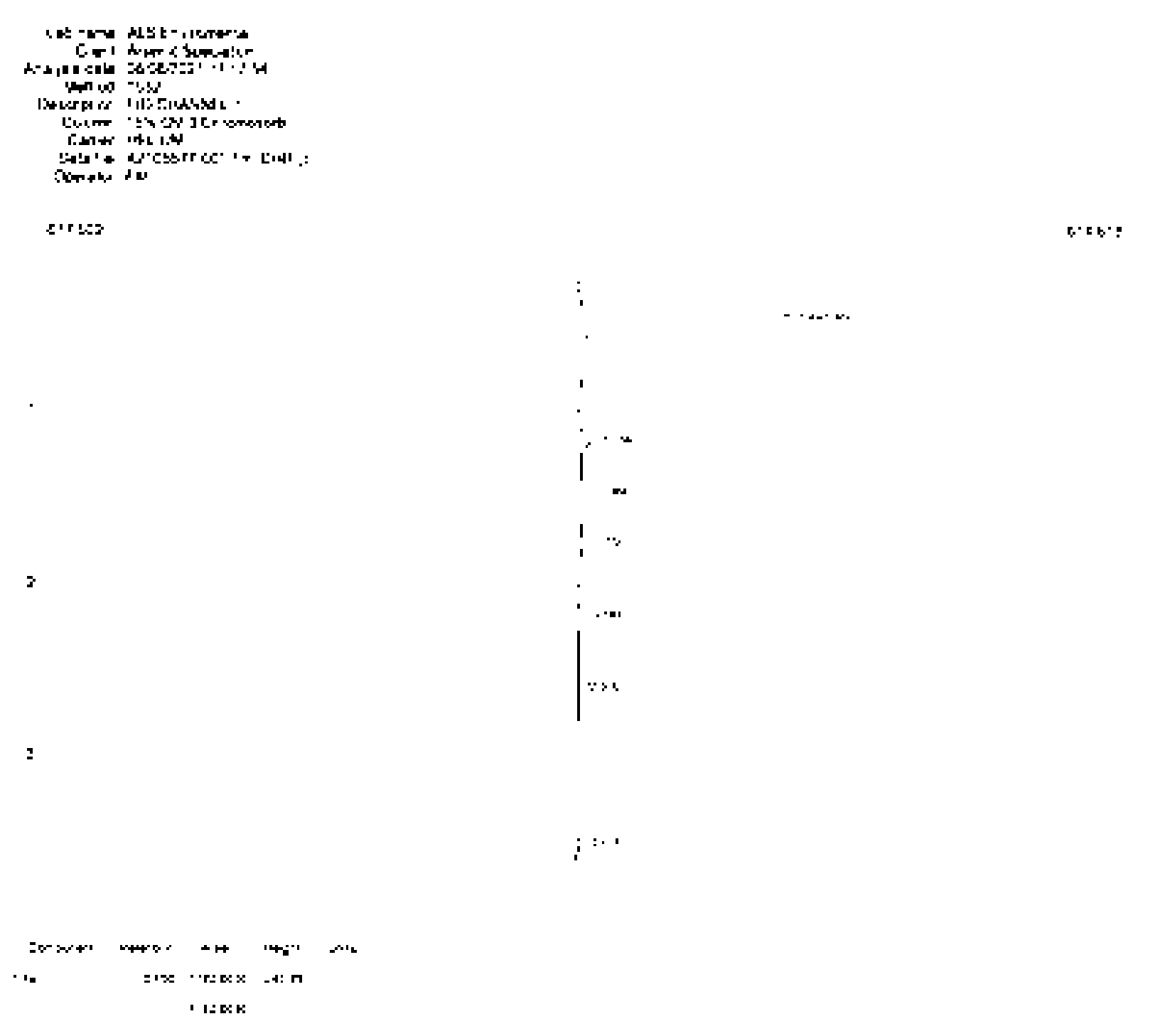


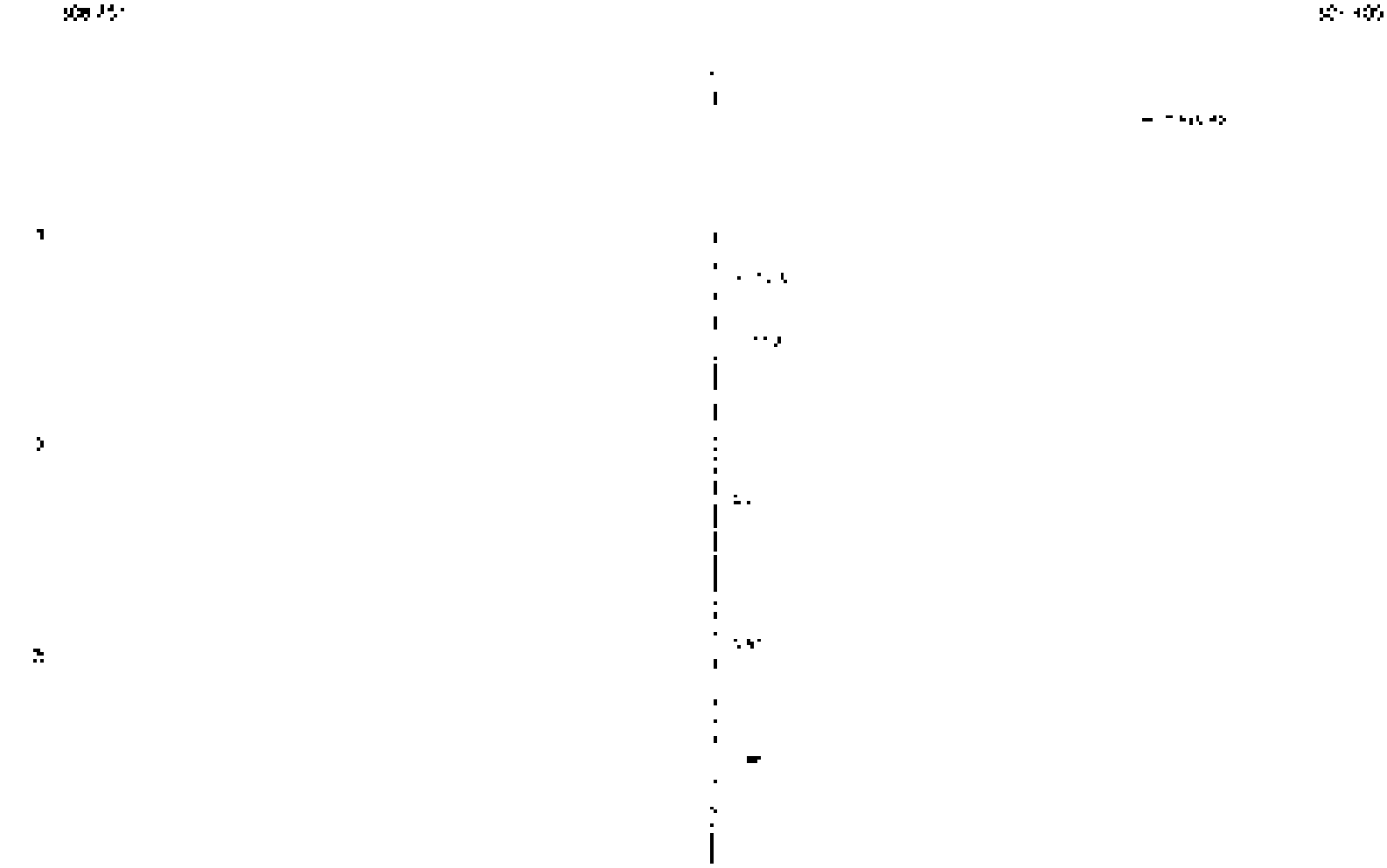


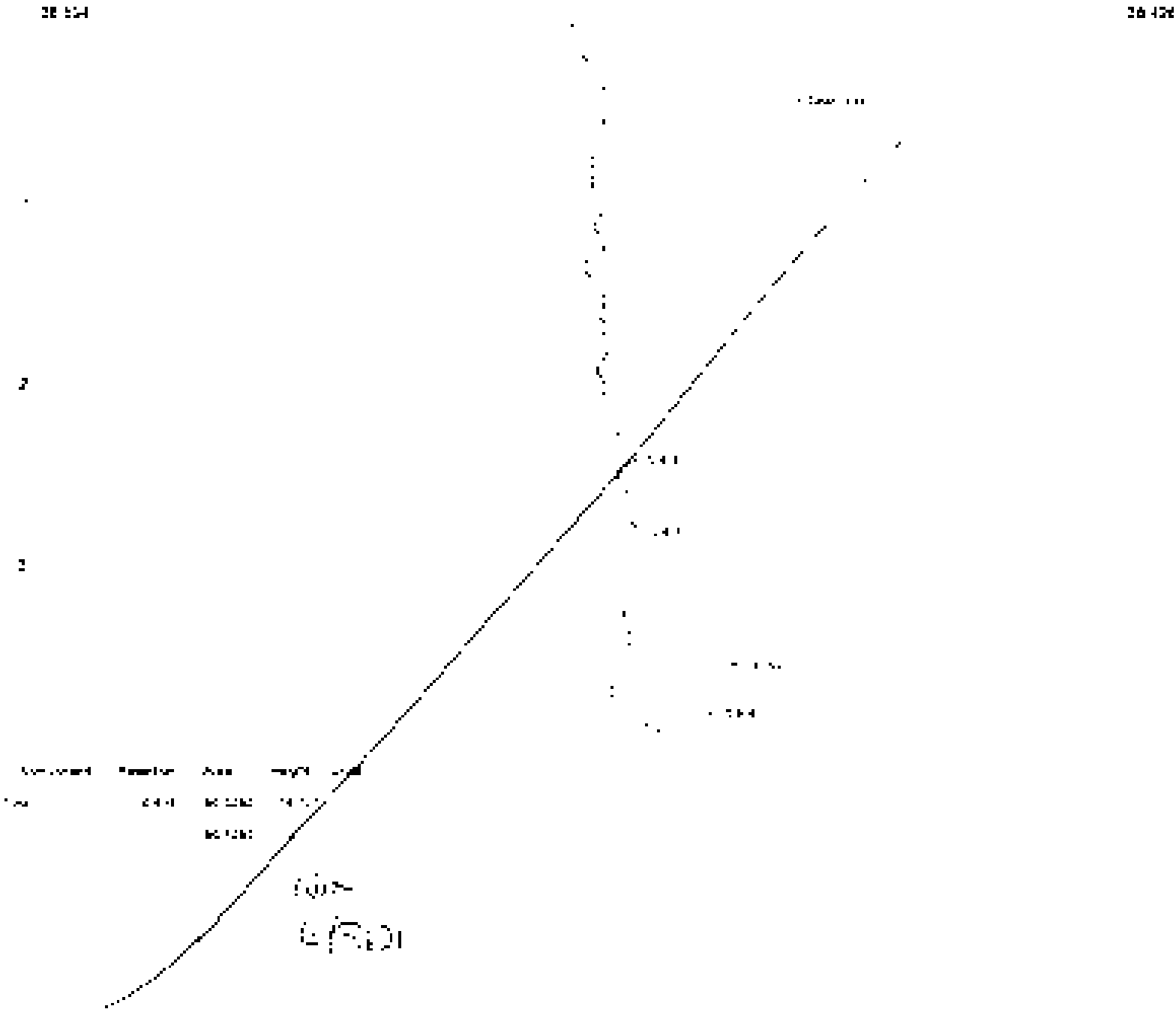






Operator LM





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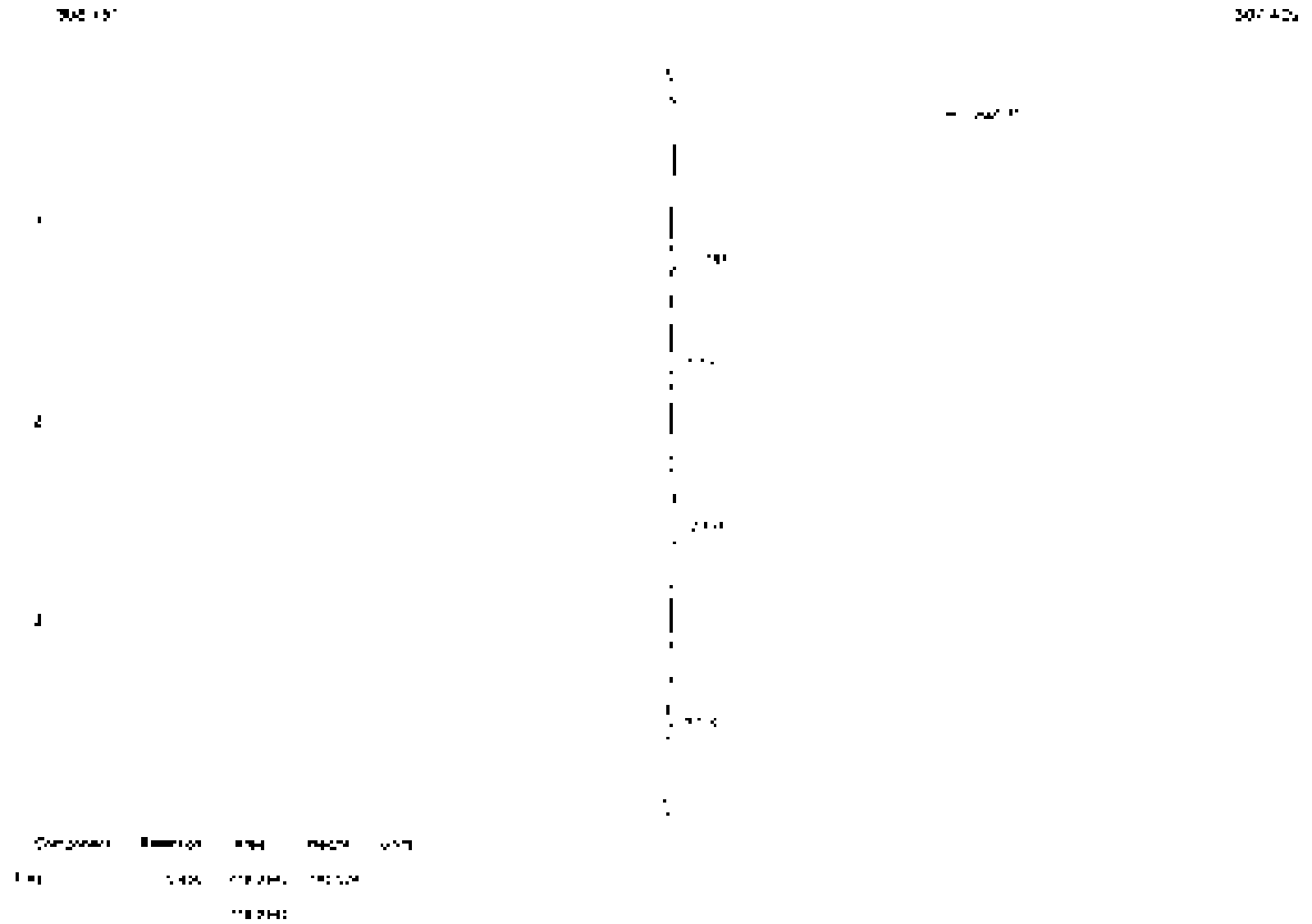
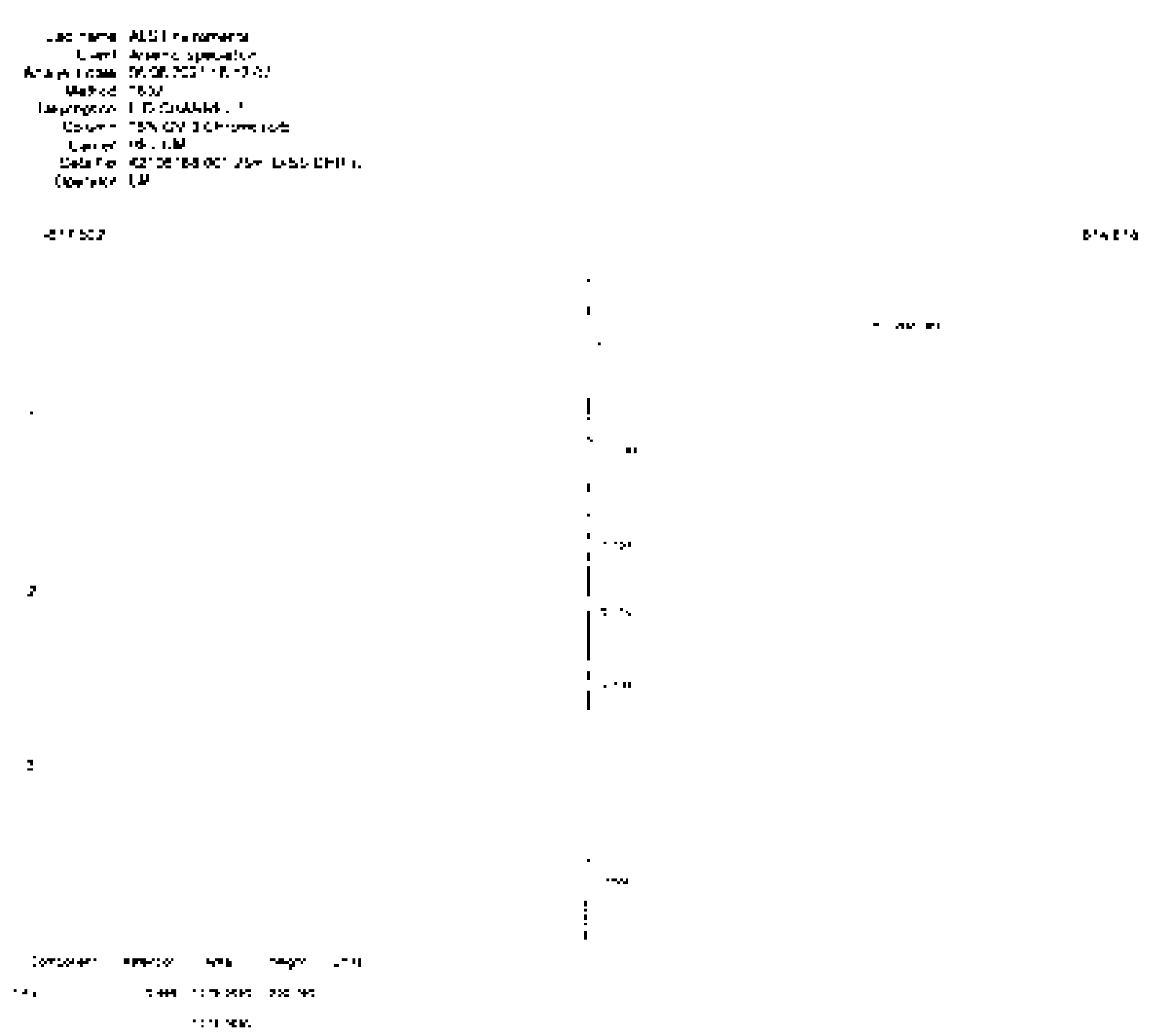
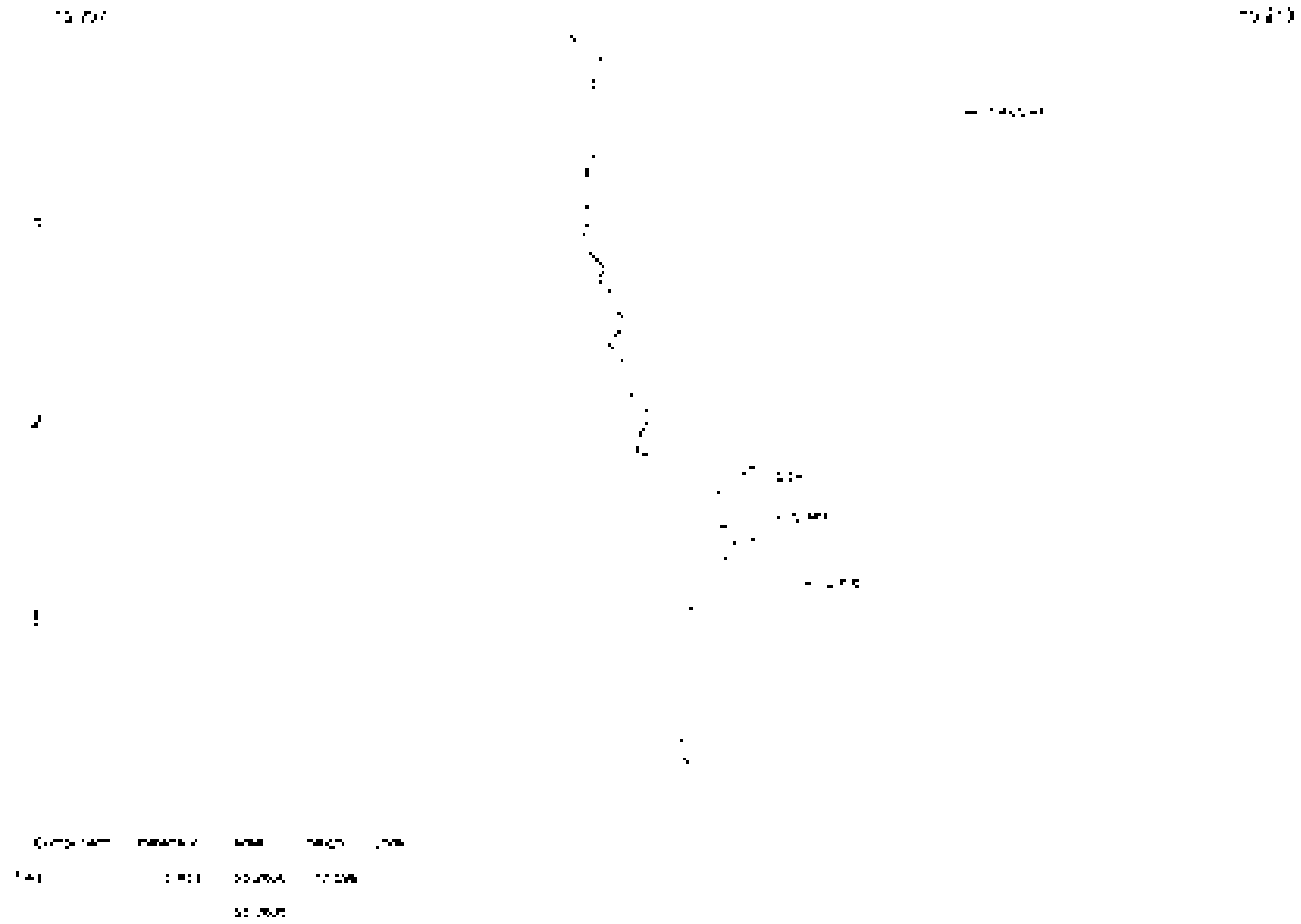




Method 1823

Operator EM



HG-CGC-AAS-01 Arsenic Speciation Data Review Form

Element: As

Starting Run #: 120802

CALSTD Source: AA1-42-G
CALVER Source: AA1-41-2
Pipettes ID: As 20-200, As 100-1000, As 1000-5000

Service Request Numbers: K2105532, K2105619, K2105615, K2105681, 81-14

	Yes	No	NA
1) Three or more non-zero calibration points analyzed	X		
2) Mean calibration factor RSD <20%	X		
3) CALVERs within 30% of true value	X		
4) CALBLKs below MRL	X		
5) CALVERs, CALBLKs ran every 10 samples	X		
6) A minimum of three method blanks analyzed	X		
7) All reported samples within calibration range	X		
8) MS/MSD every 10 samples	X		
9) MS/MSD within 30-170%, RPD <35%	X		
10) Samples analyzed within hold time	X		
11) QCS analyzed quarterly with the mean from 3 analyses within 10% of true value	X		

Comments

Primary Reviewed By: [illegible] Date: [illegible]

Secondary Reviewed By: [illegible] Date: [illegible]

Method Blank: [illegible]	Service Request # . K2105531, K2105819, K2106175, K2105681
Analysis For: As	

DATA

Run	SAMPLE NUMBER	Initial Sample (g)	Digest Volume (mL)	Aliquot Volume (mL)	Dilution Factor	peak area	net Hg	net ug/L (ug/g)	Comments
1	CALIBR 0			50		[illegible]	0.00	0.0	
2	5.0 ng Calibr A			50		[illegible]	0.49	9.9	
3	10 ng Calibr A			50		923.6130	10.57	207.3	
4	20 ng Calibr A			50		1801.6070	20.22	401.9	
5	30 ng Calibr A			50		2501.7055	28.94	578.8	
6	CALIBR 1			50		22.4766	0.25	5.0	
7	CALIBR 1			50		902.7750	10.12	202.4	CALIBR 101%
8	CALIBR 2			50		[illegible]	0.52	10.4	
9	K2105531-001			0.75	1000	746.6010	8.37	16739.0	
10	K2105531-002			0.25	1000	572.4815	6.42	12835.2	
11	K2105531-003			0.25	1000	[illegible]	6.62	13244.6	
12	K2105531-004			10	5	21.1446	0.24	23.7	
13	K2104819-001	-	-	0.025	2000	25.5315	0.28	[illegible]	[illegible]
14	K2105819-001			50		829.7540	9.27	184.5	
15	K2106175-001			50		2418.9310	27.06	538.6	
16	K2105681-001			50		966.1515	10.84	216.7	
17	K2104681-001S		-	50	-	1686.5620	19.02	380.4	MS 82% [illegible]
18	K2105681-001SD			50		2070.8470	23.32	466.4	MSD 123%
19	CALIBR 2			50		919.7100	10.29	205.7	CALIBR 103%
20	CALIBR 1			50		18.0105	0.20	1.0	
21	K2105681-001S			50		1973.7500	22.17	443.5	MS 108 111%
22	K2105681-002			50		[illegible]	4.00	[illegible]	
23	K2105681-002S			50		1046.6760	11.71	234.3	MS [illegible]
24	K2105681-002SD			50		1118.6060	12.54	250.8	MSD [illegible]
25	K2105681-003			10	5	1974.2970	17.63	1764.8	

Comments:	Calibration:			
Calibrant A : AA1-42-10				
Calibrant A : AA1-42-10	ug	net peak area	Calibration factor	
Calibrant B : AA1-41-3	50	2501.7055	86.0569	
KBH4 : HG-AAS-8-1	20	1801.6070	90.0804	
6N HCl : HG-AAS-6-4	10	924.6149	92.4614	
Trib Buffer : HG-AAS-6-8	0.5	44.8110	89.2220	
			89.2053	% Variance
			2.72	% Stddev
CALIBRATION Method:			10.9	RSD

Analyst:	Date:	Page Number:
[illegible]	[illegible]	1

[illegible]

Method [illegible]	Sample Request # [illegible]
Analysis Date [illegible]	

Pos	SAMPLE NUMBER	Injection Sample (µl)	Injection Volume (mL)	Aliquot Volume (mL)	Dilution Factor	peak area	[illegible] µg	[illegible] µg/L - µg/g	Comments
36	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	
37	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	
38	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
39	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
40	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	
41	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
42	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	
43	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	
44	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	
45	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	
46	[illegible]	-	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
47	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
48	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
49	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
50	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
51	[illegible]	-	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
52	[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
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63									
64									
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66									
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68									
69									
70									
71									

Calibration:			
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Analyst:	Date:	Page Number:
[illegible]	[illegible]	[illegible]

EPA 8021 Calculation Work Sheet

SAMPLE NUMBER	Initial Sample (g)	Digest Volume (mL)	Aliquot Volume (mL)	Dilution Factor	peak area	ug/g	ug/L	Comments
[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]			[illegible]		[illegible]	[illegible]	[illegible]	
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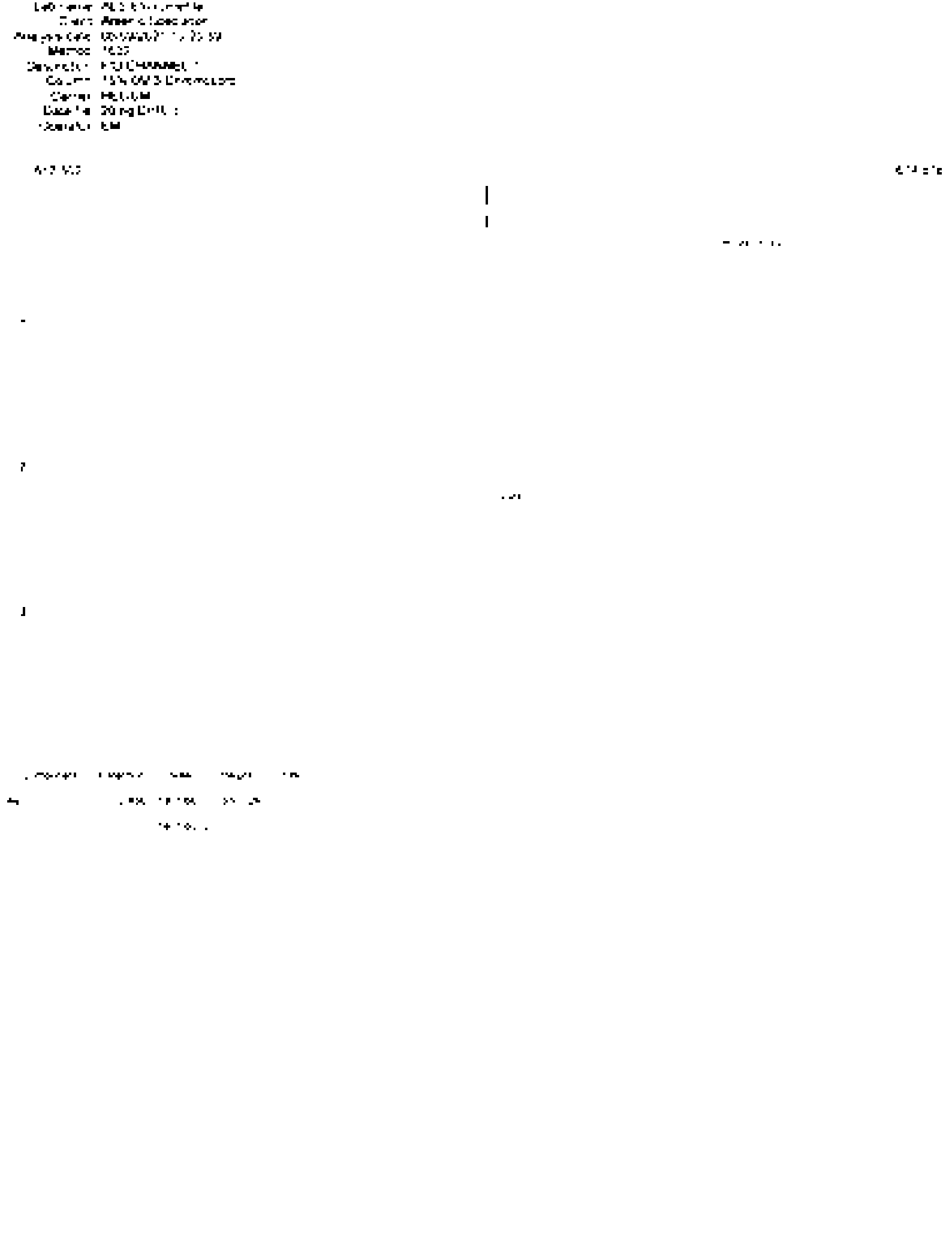

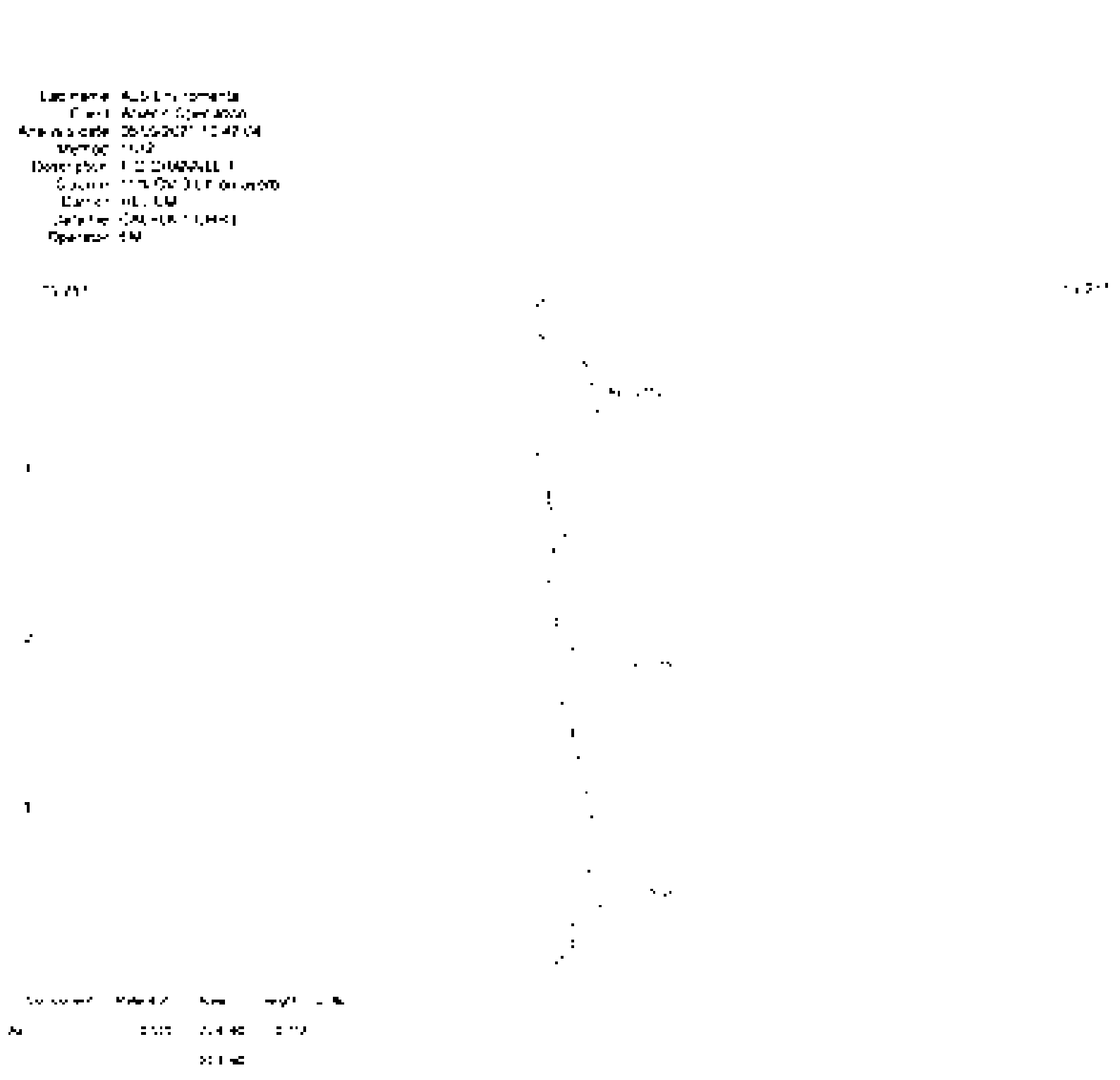

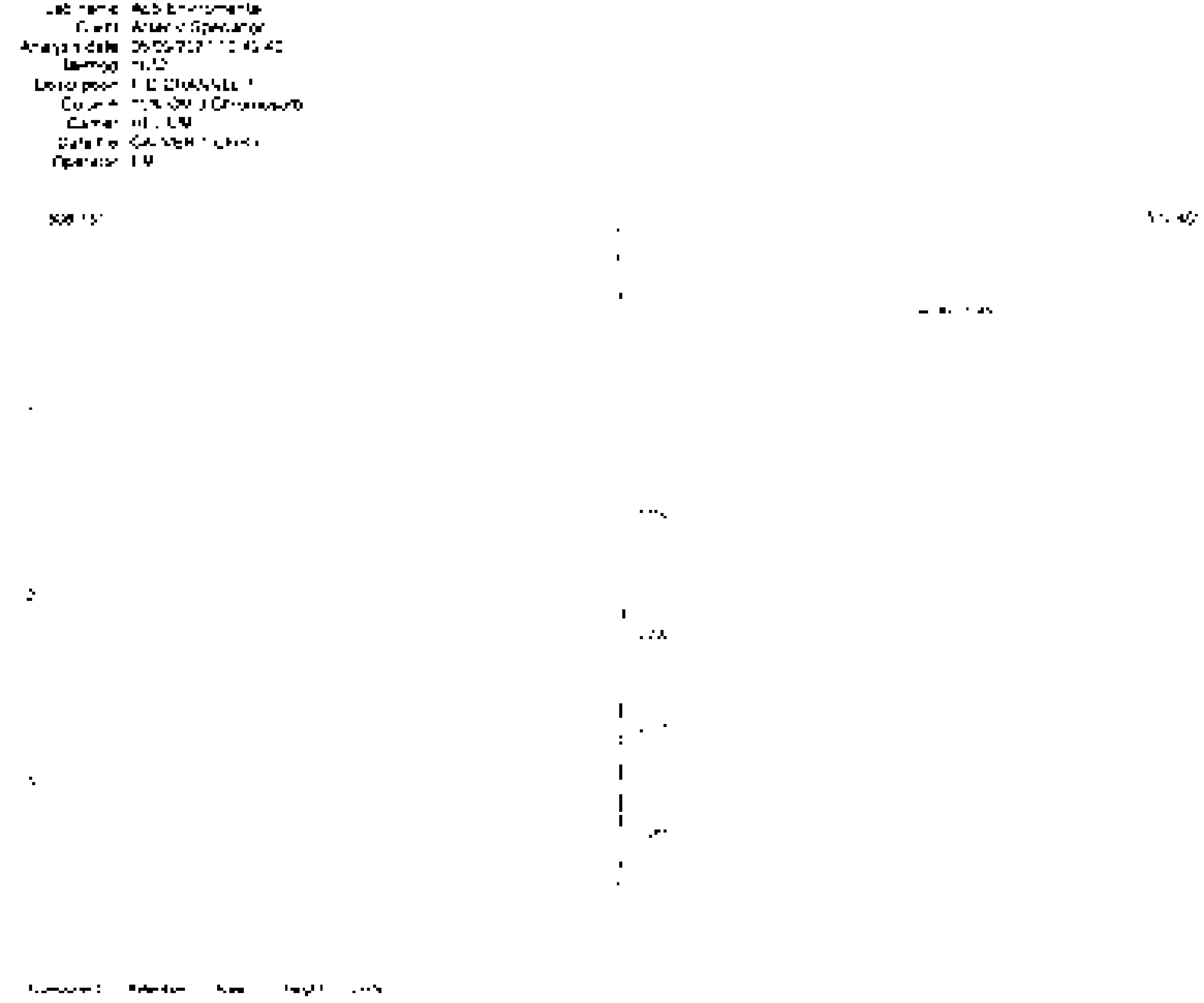

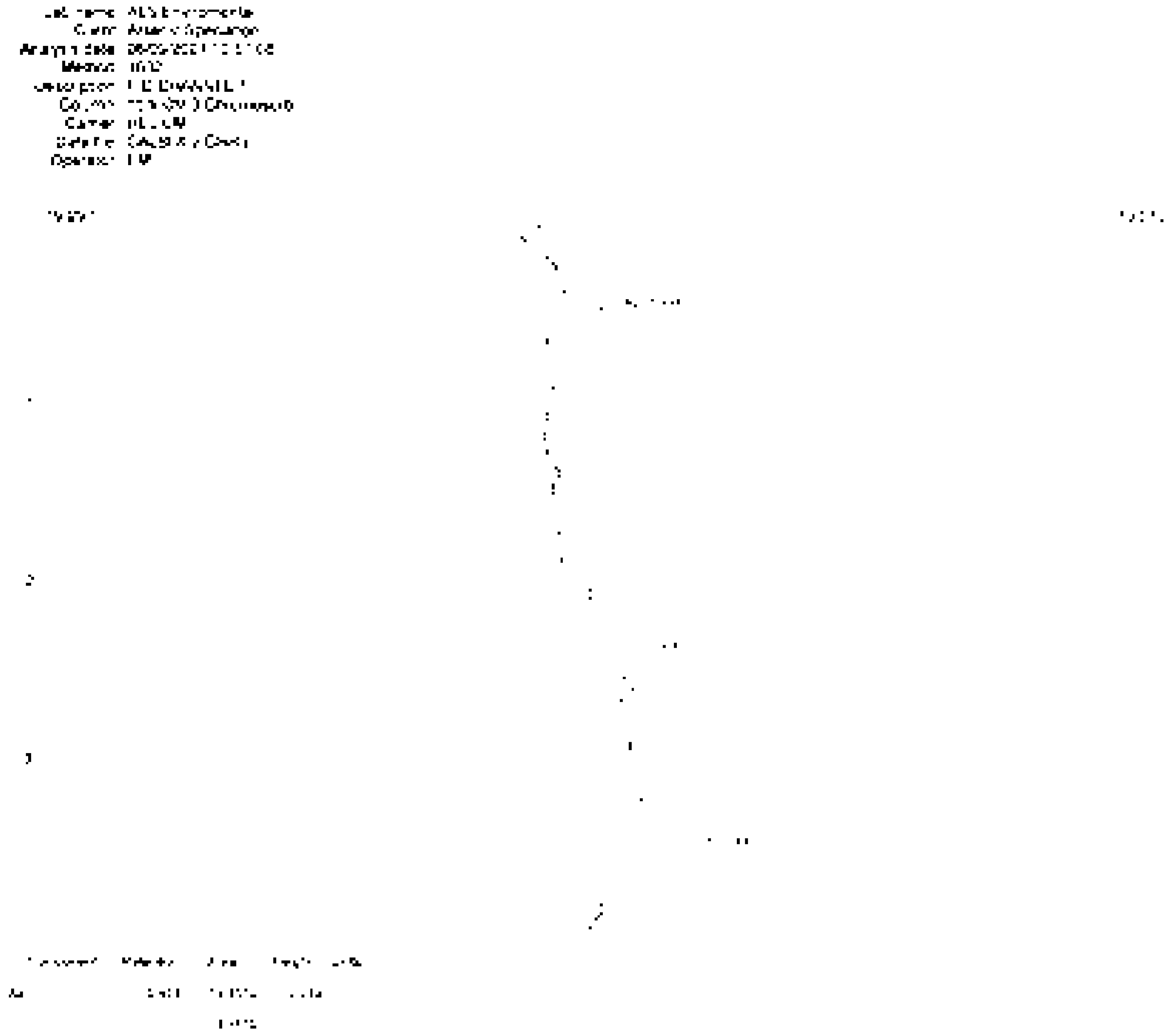

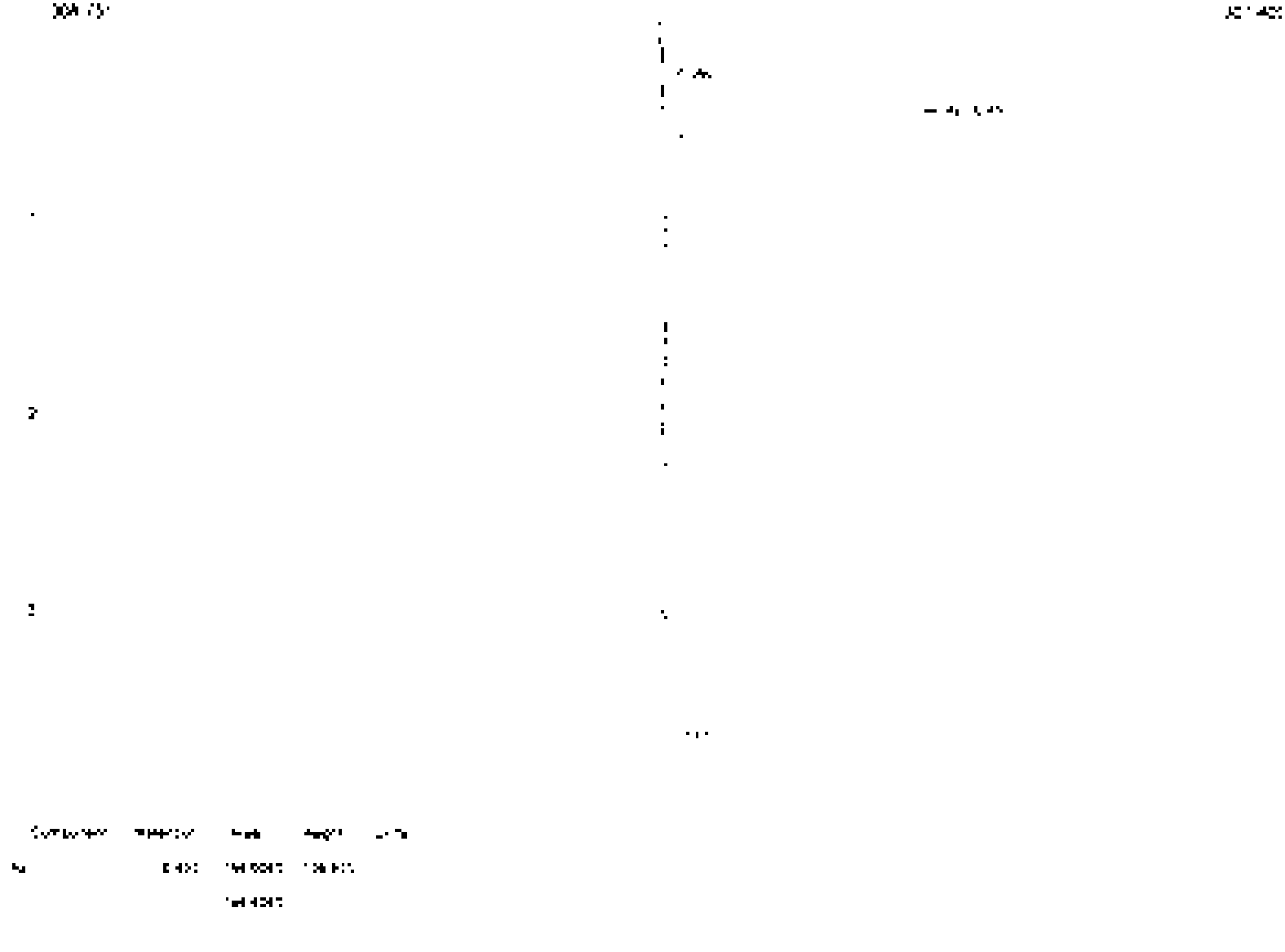

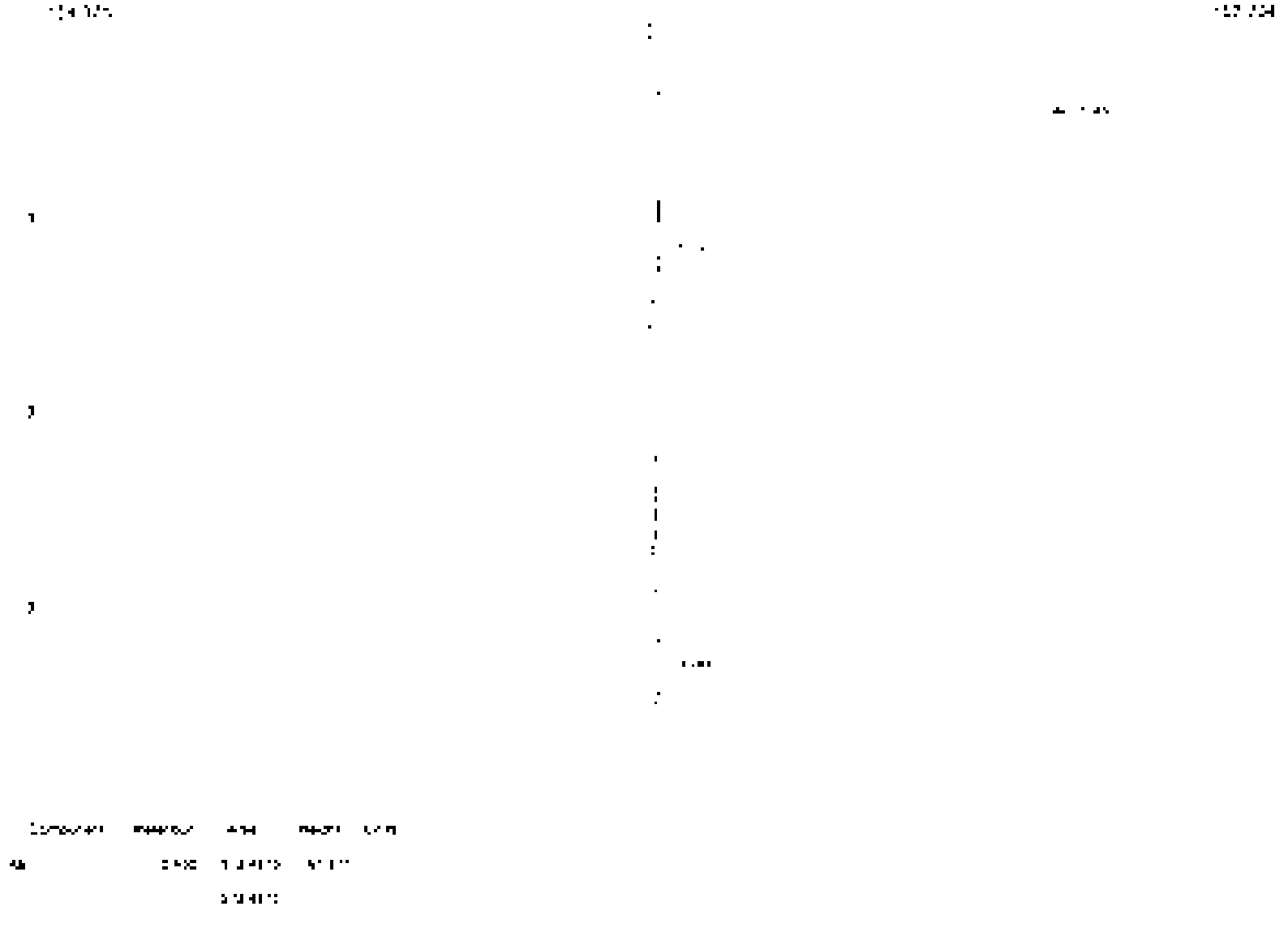

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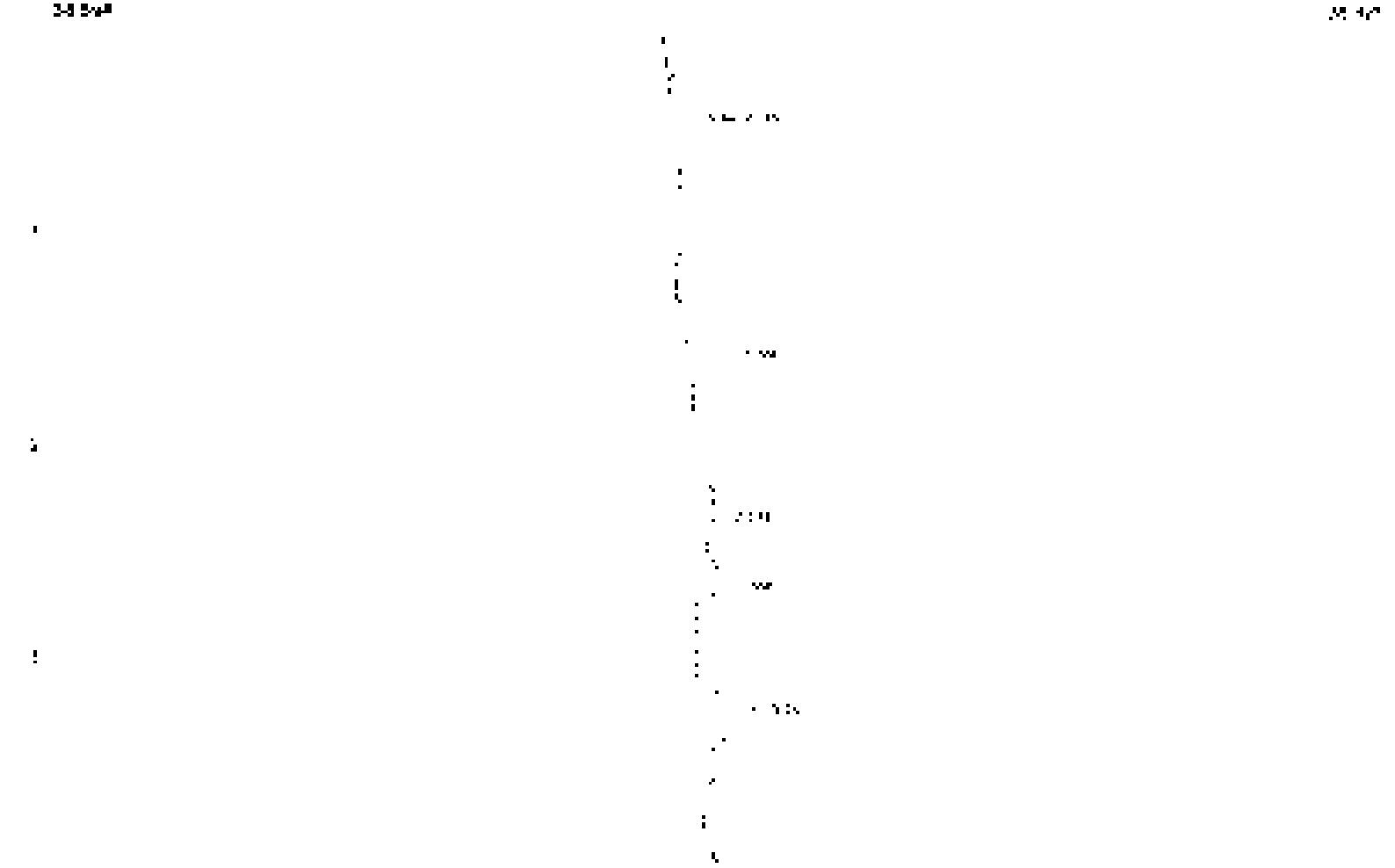

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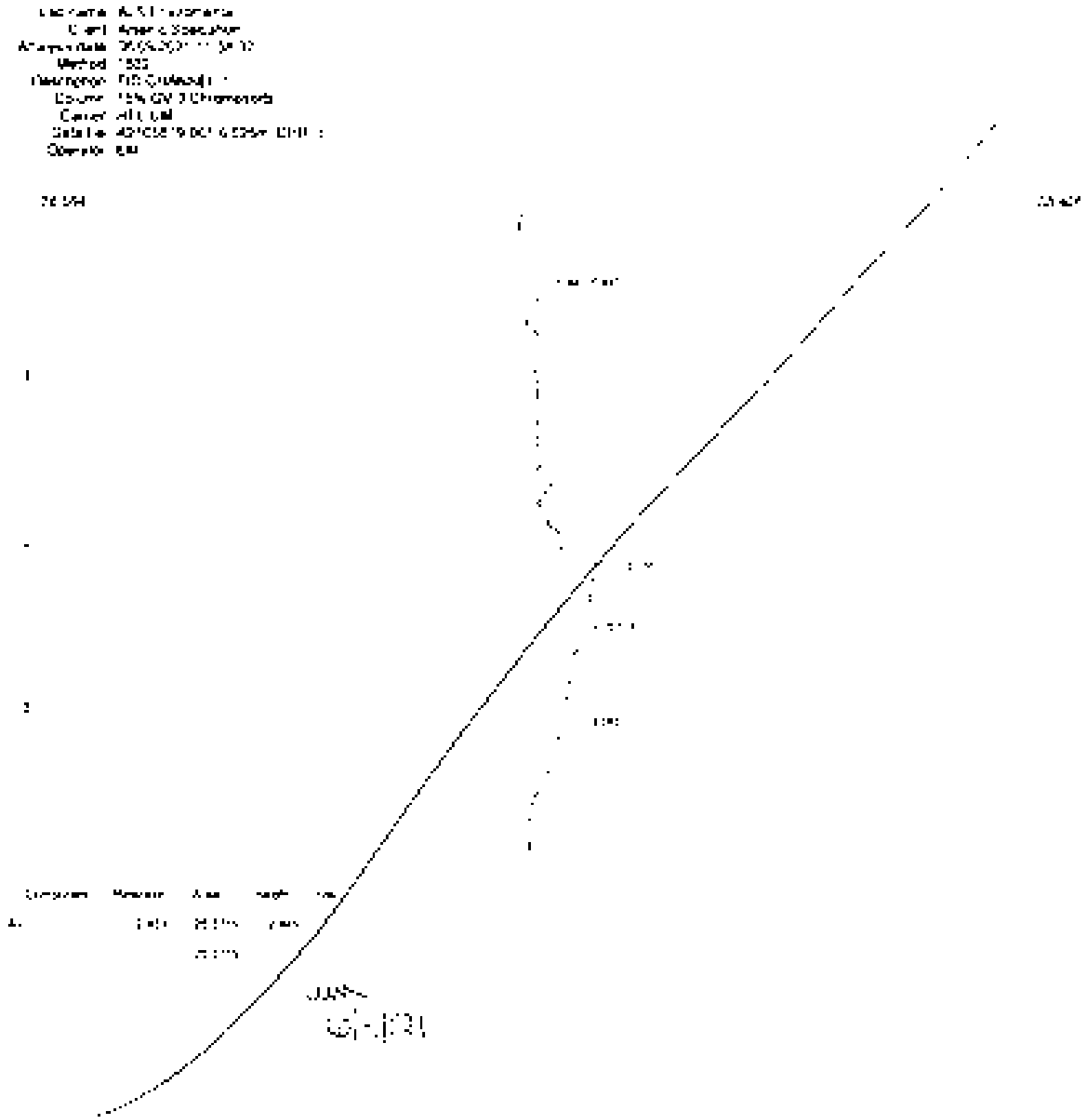

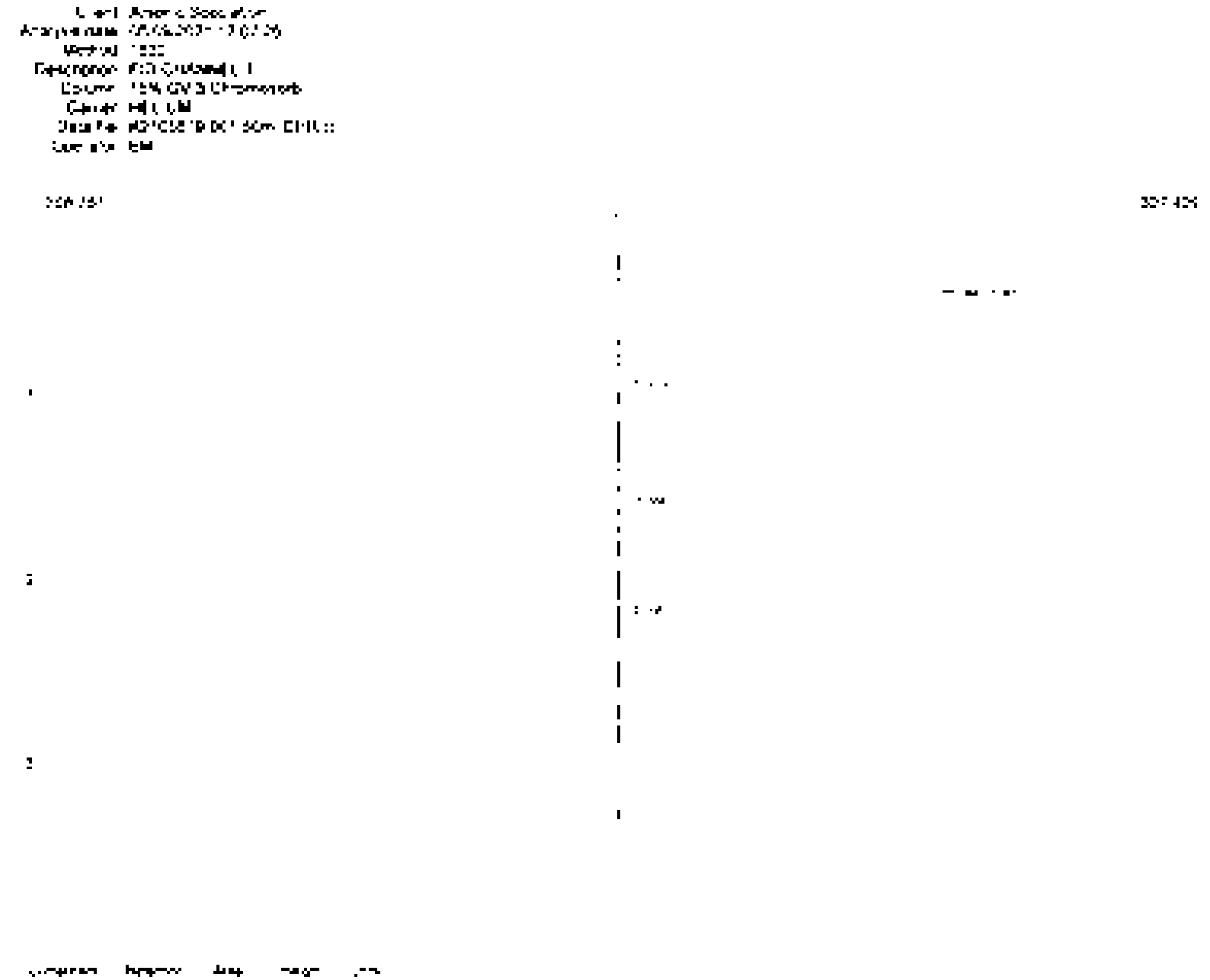

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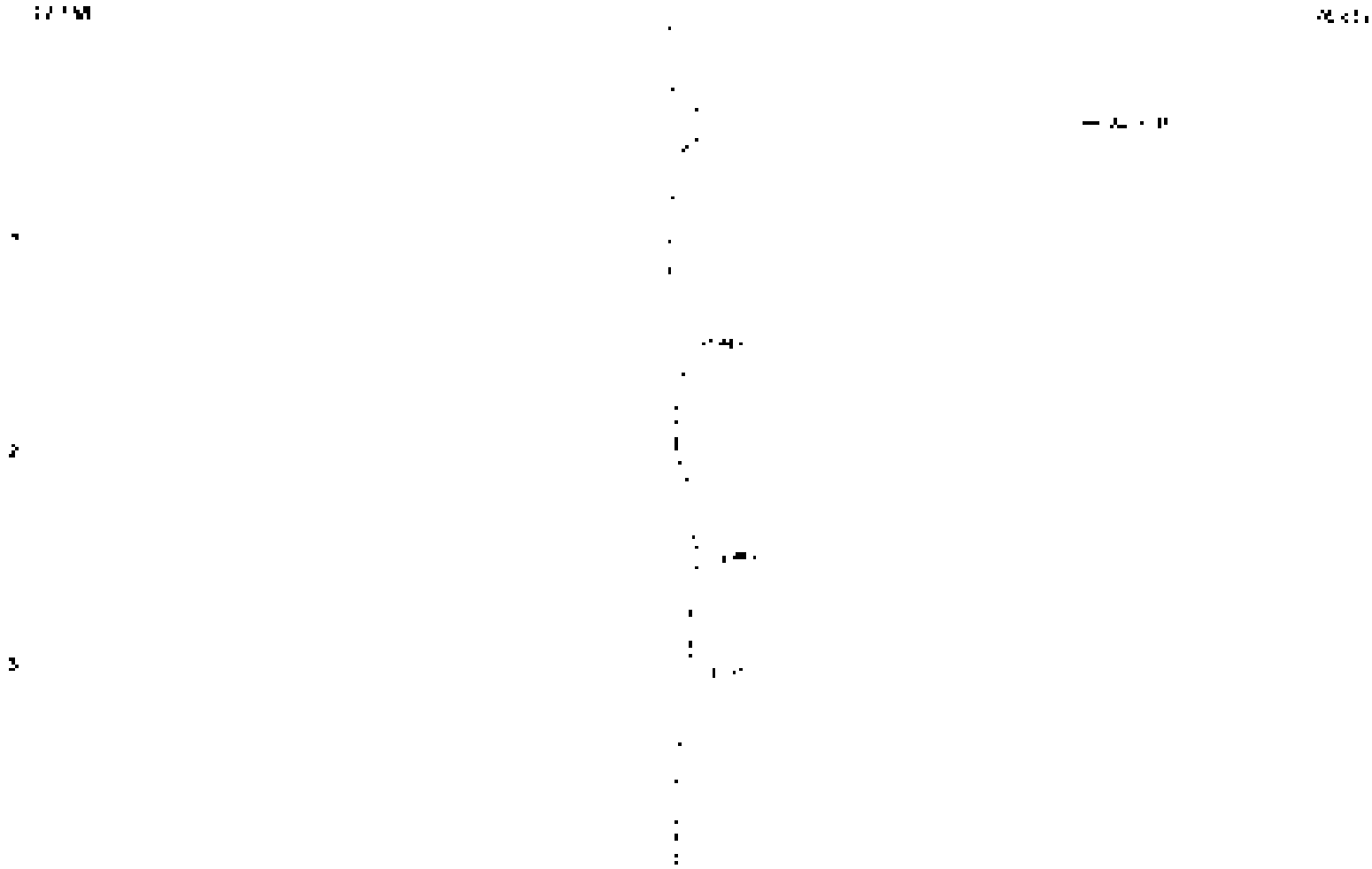

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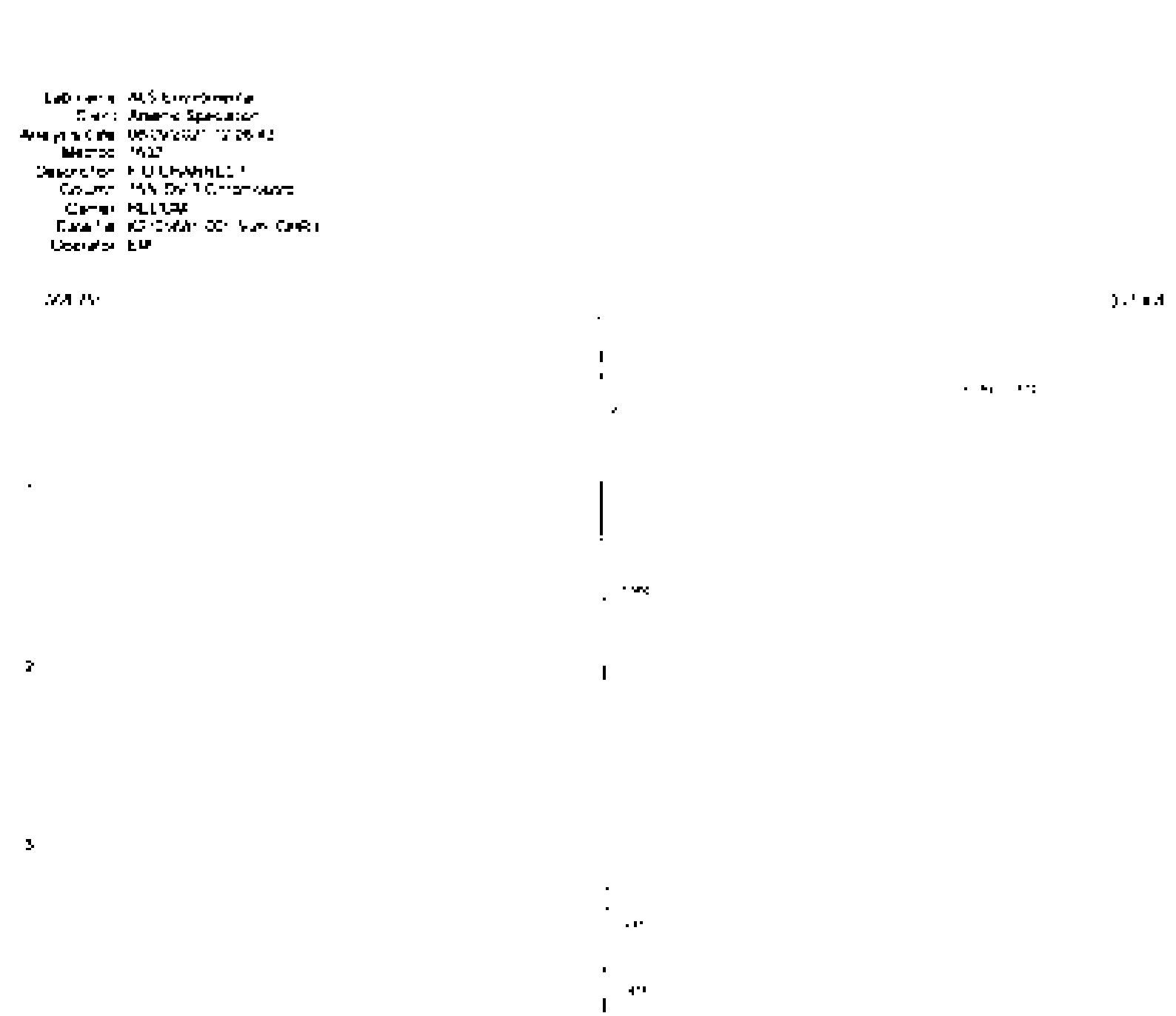

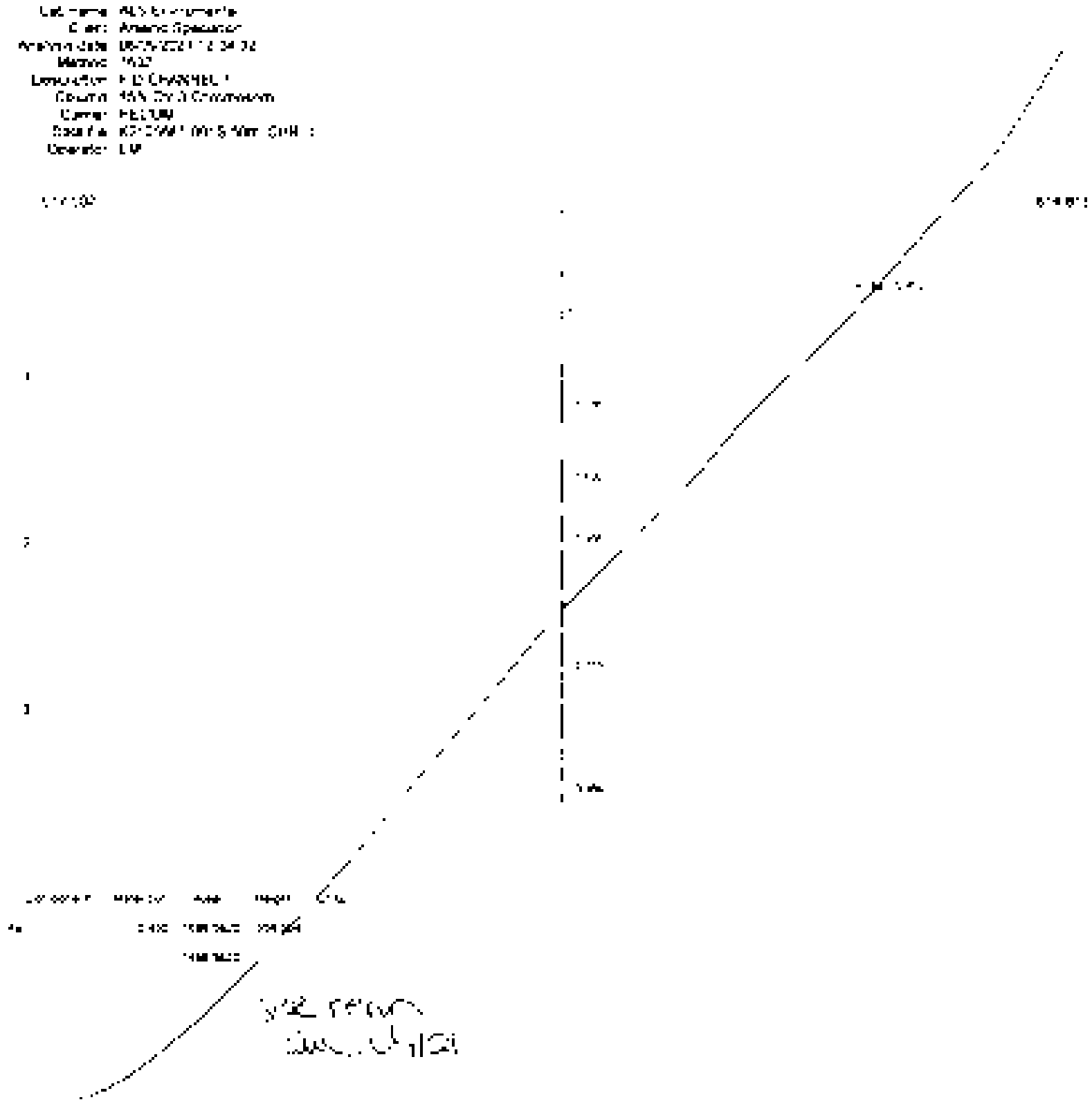

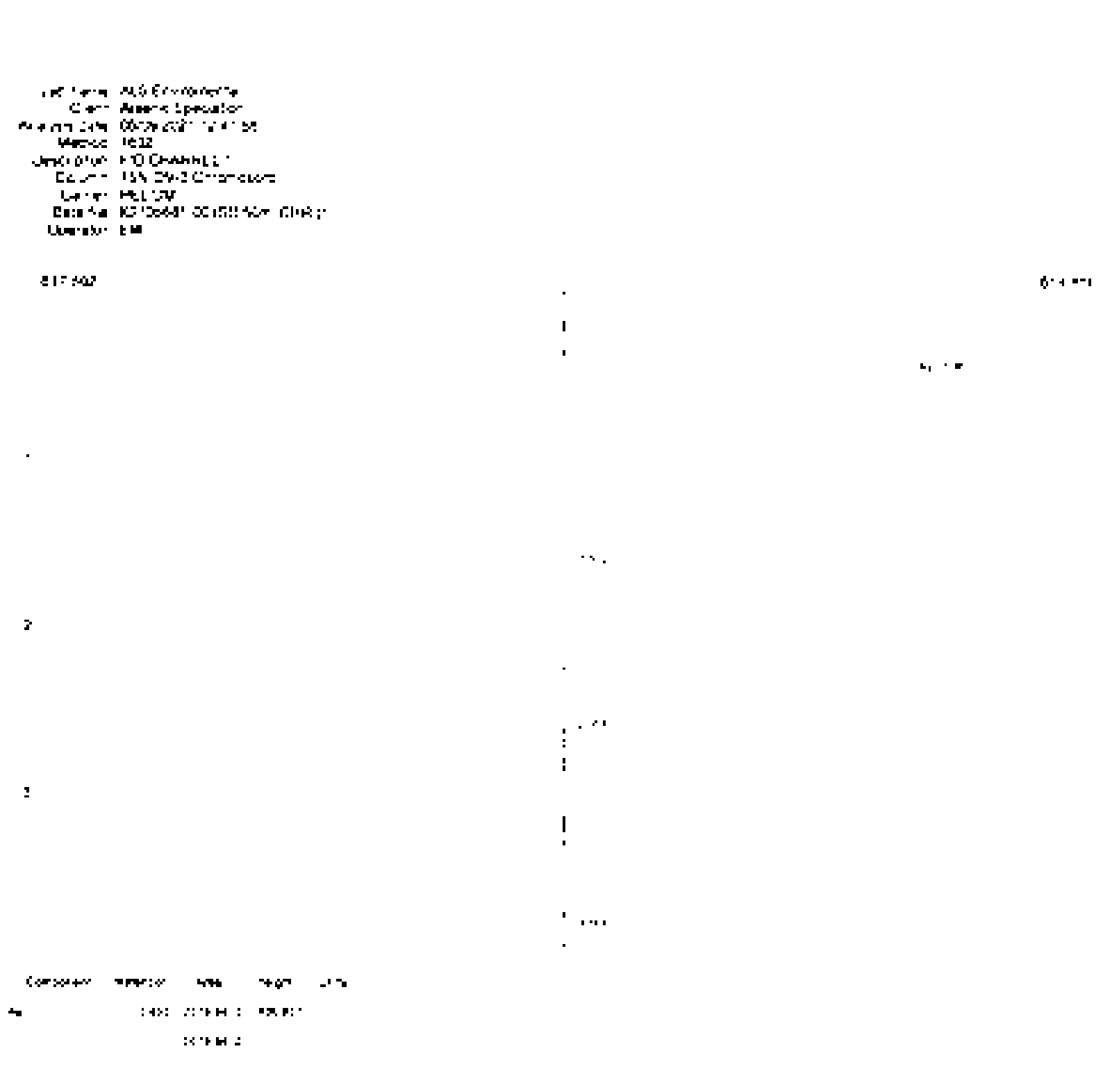

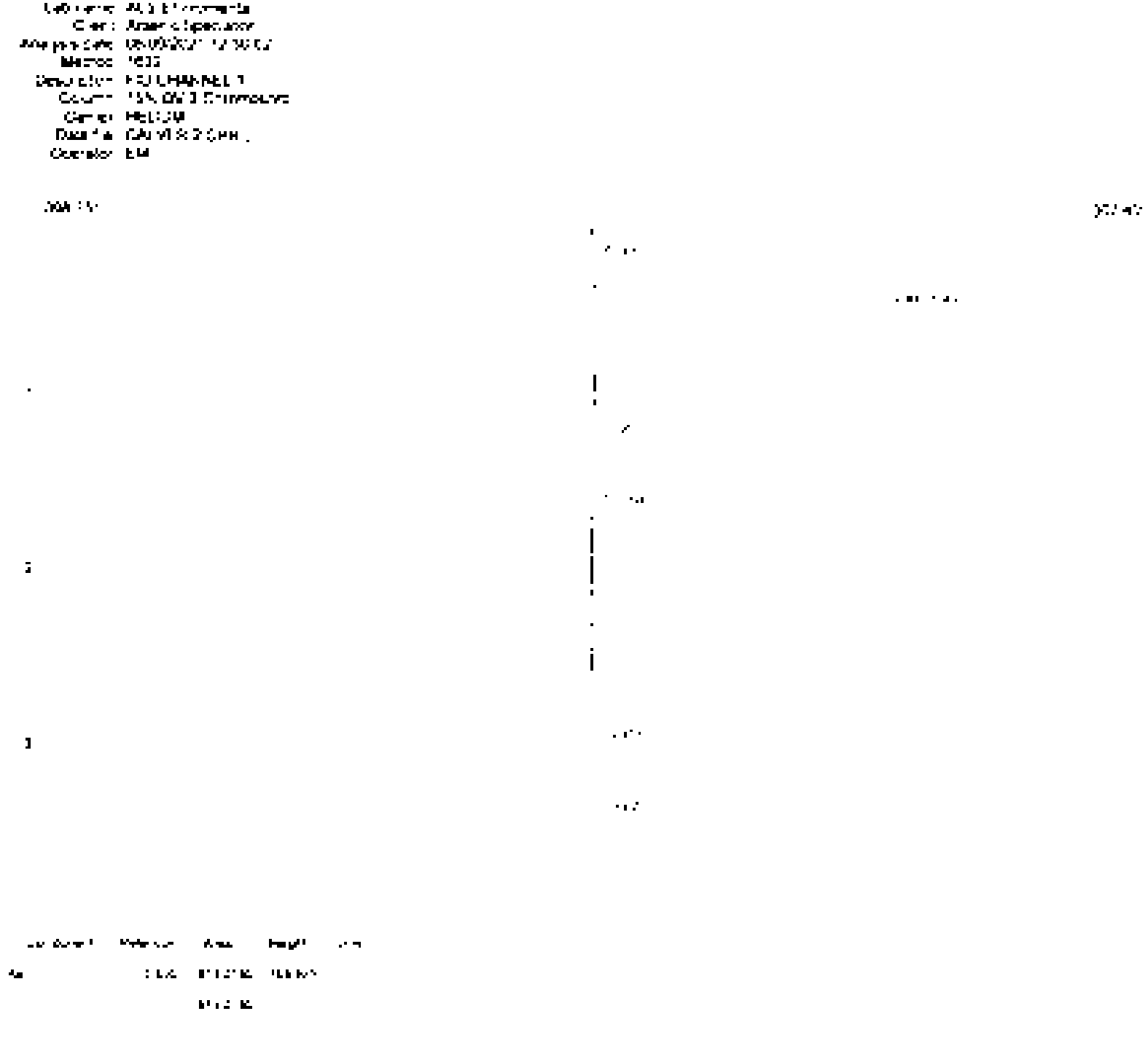

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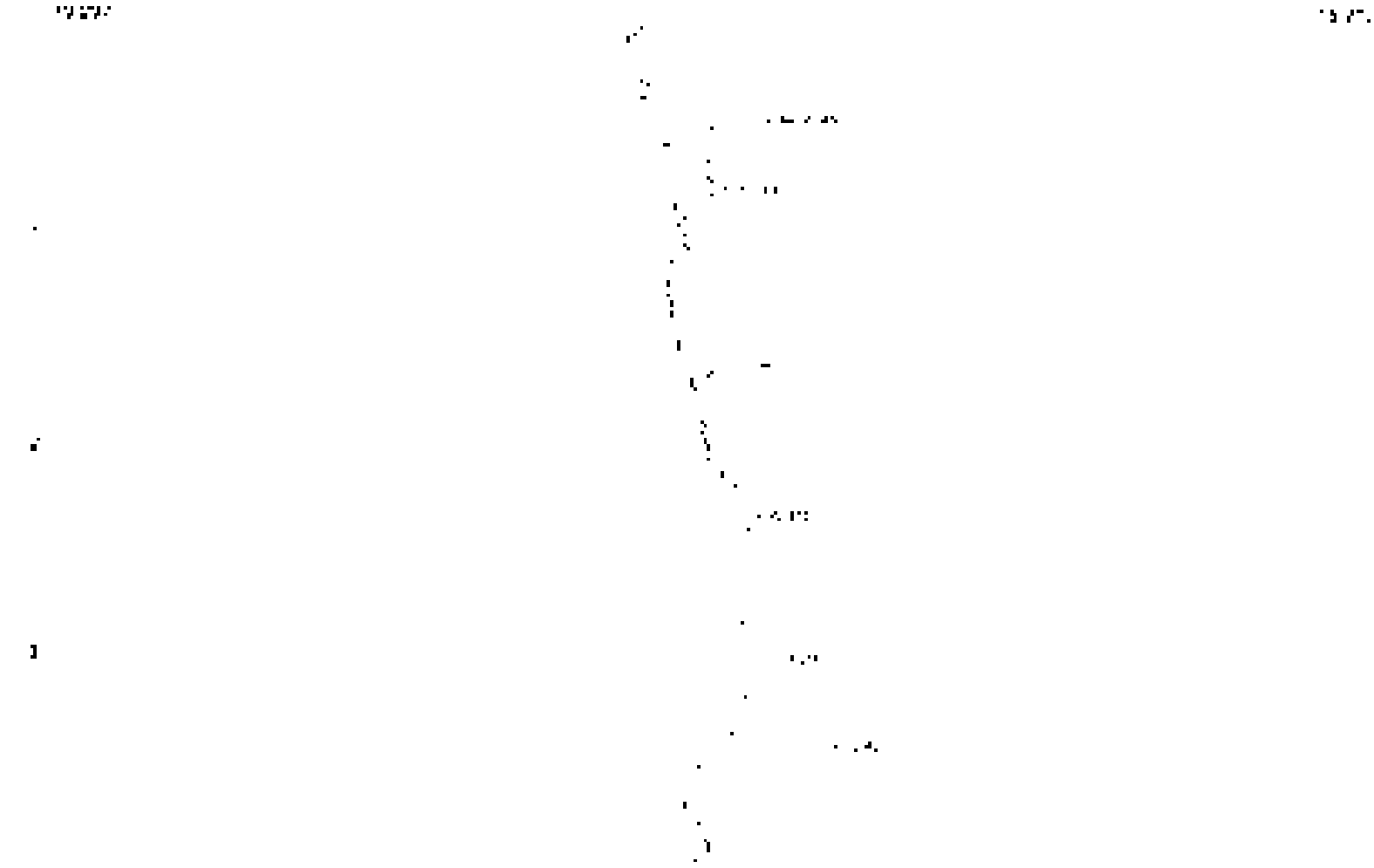

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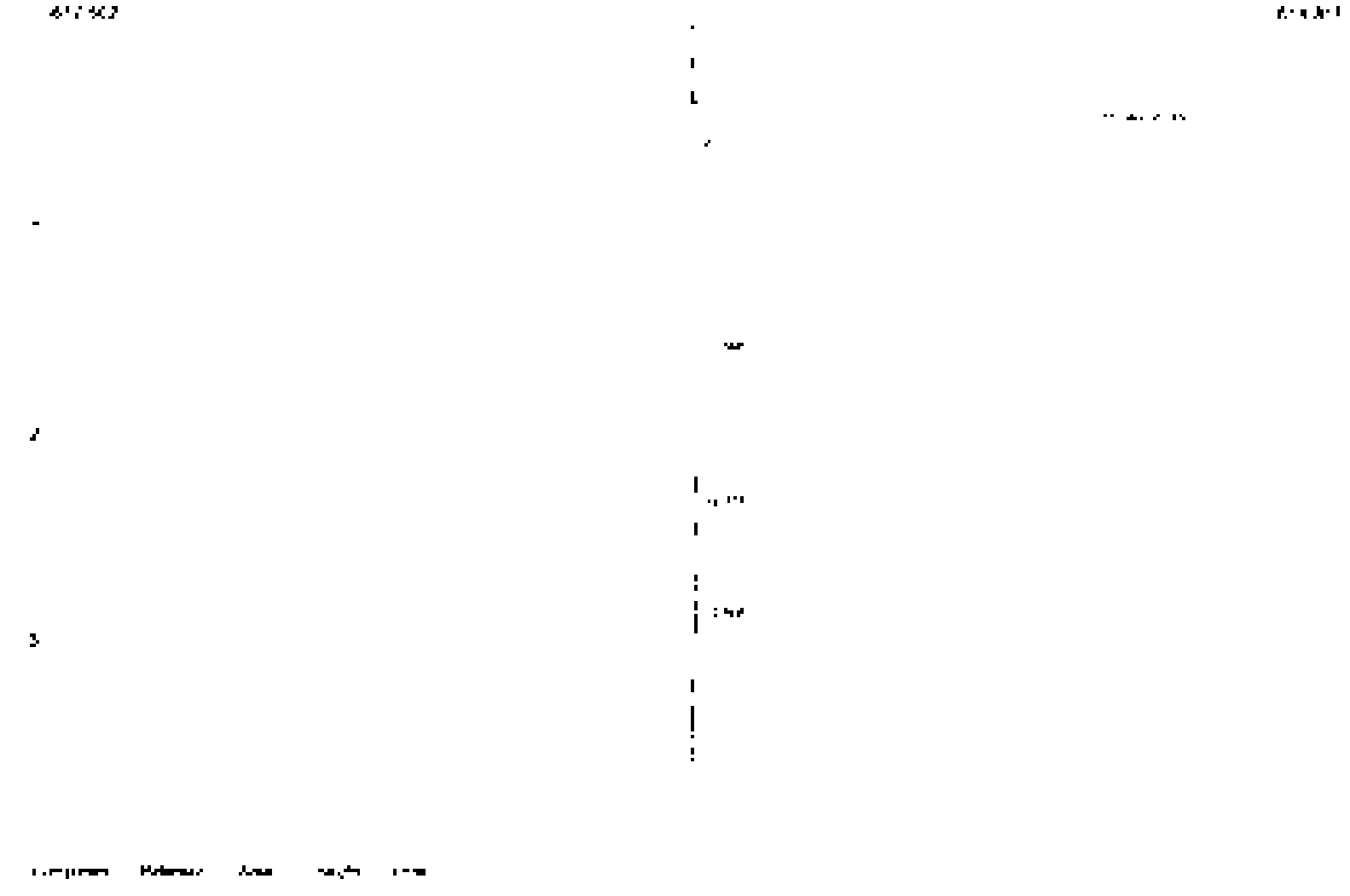
Operator: [illegible]



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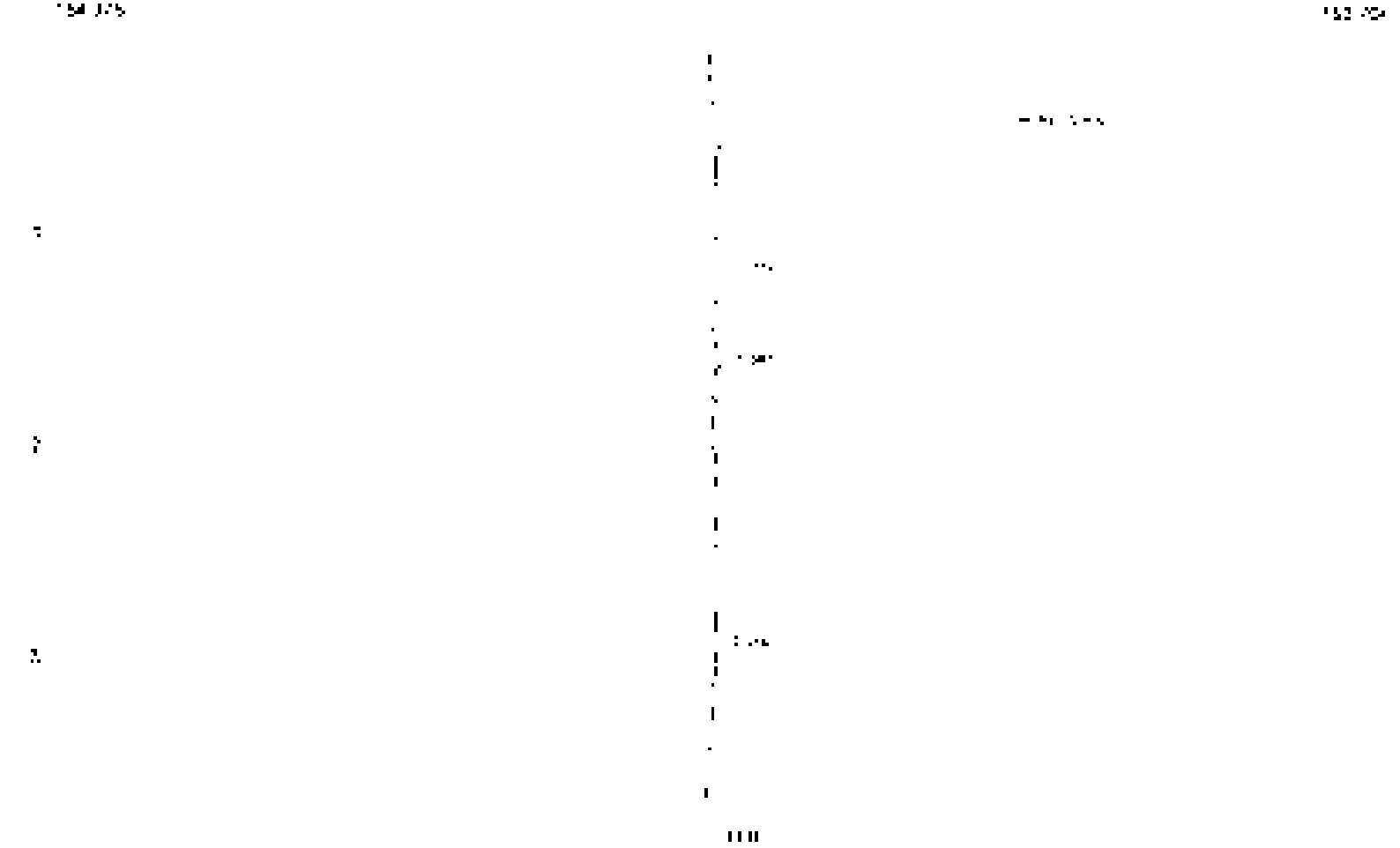

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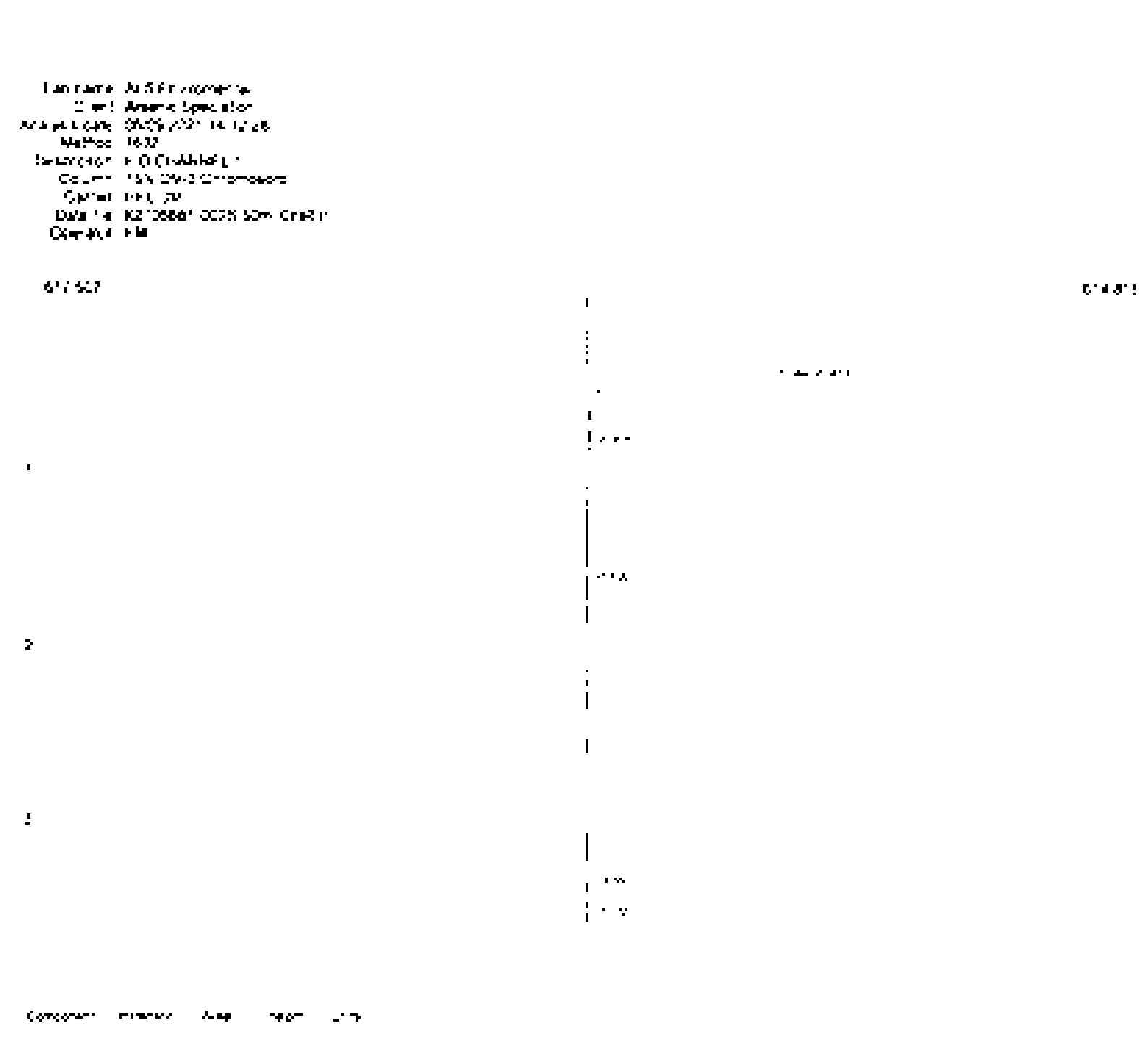

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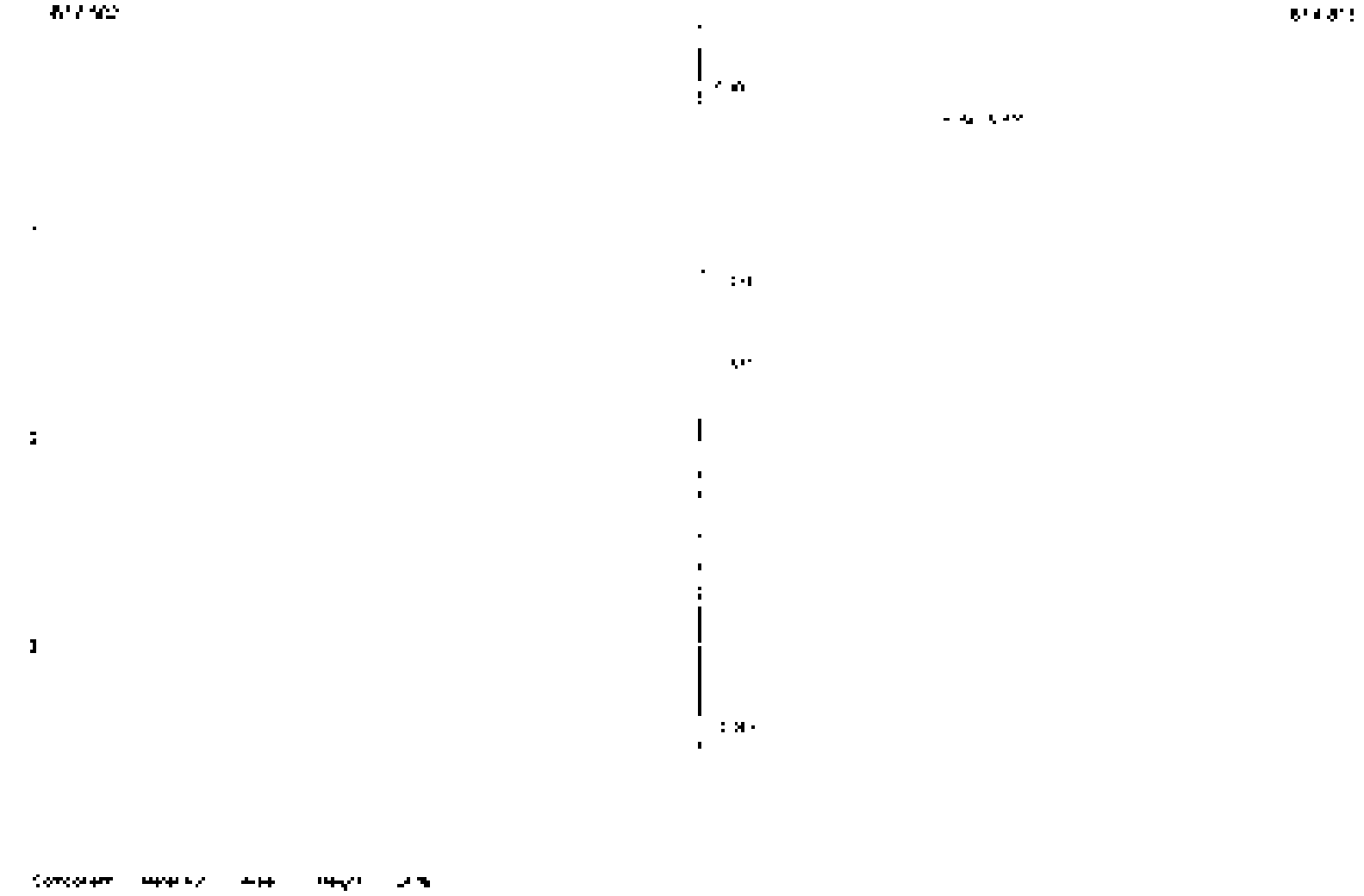

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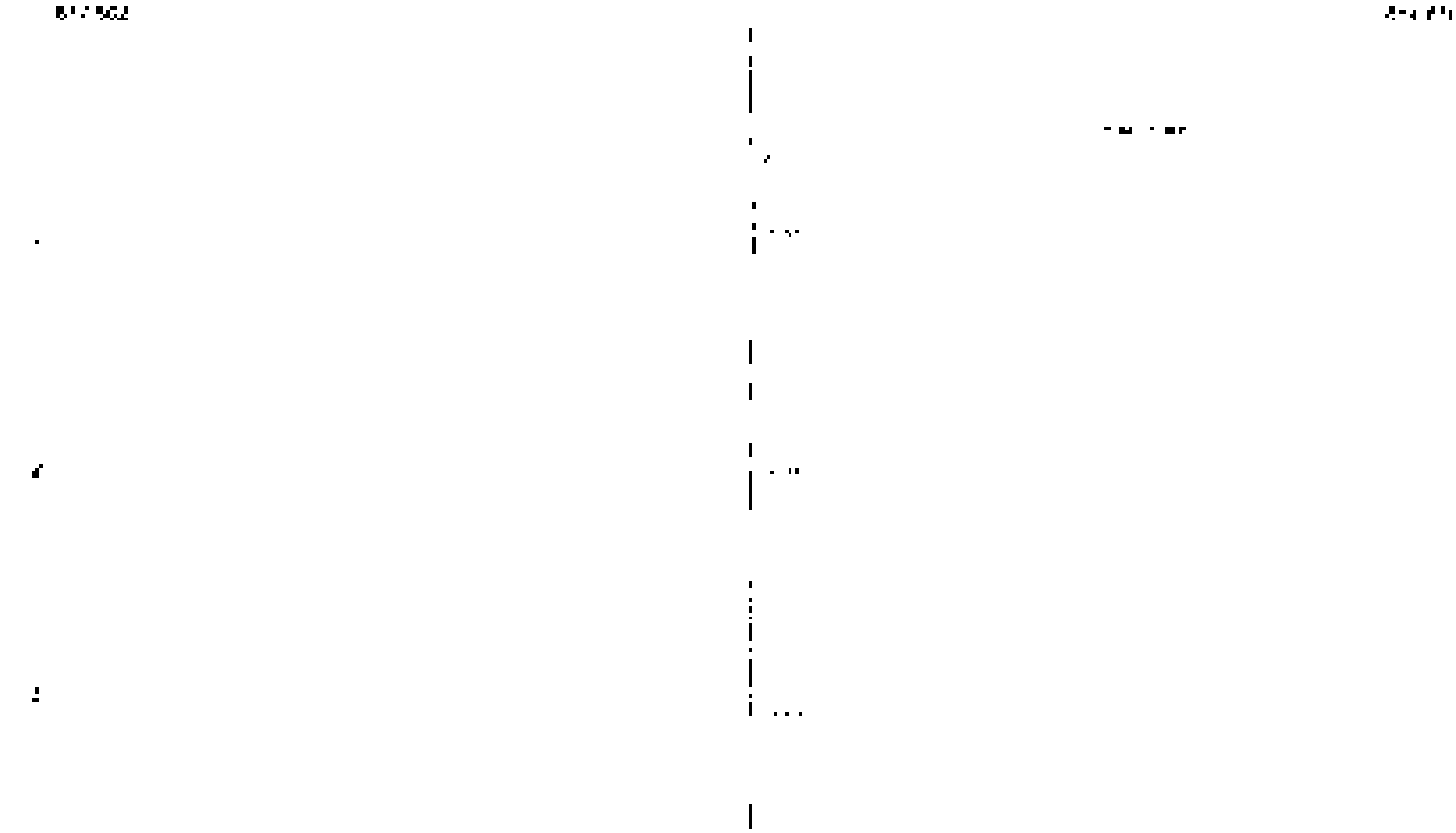
Operator: LM



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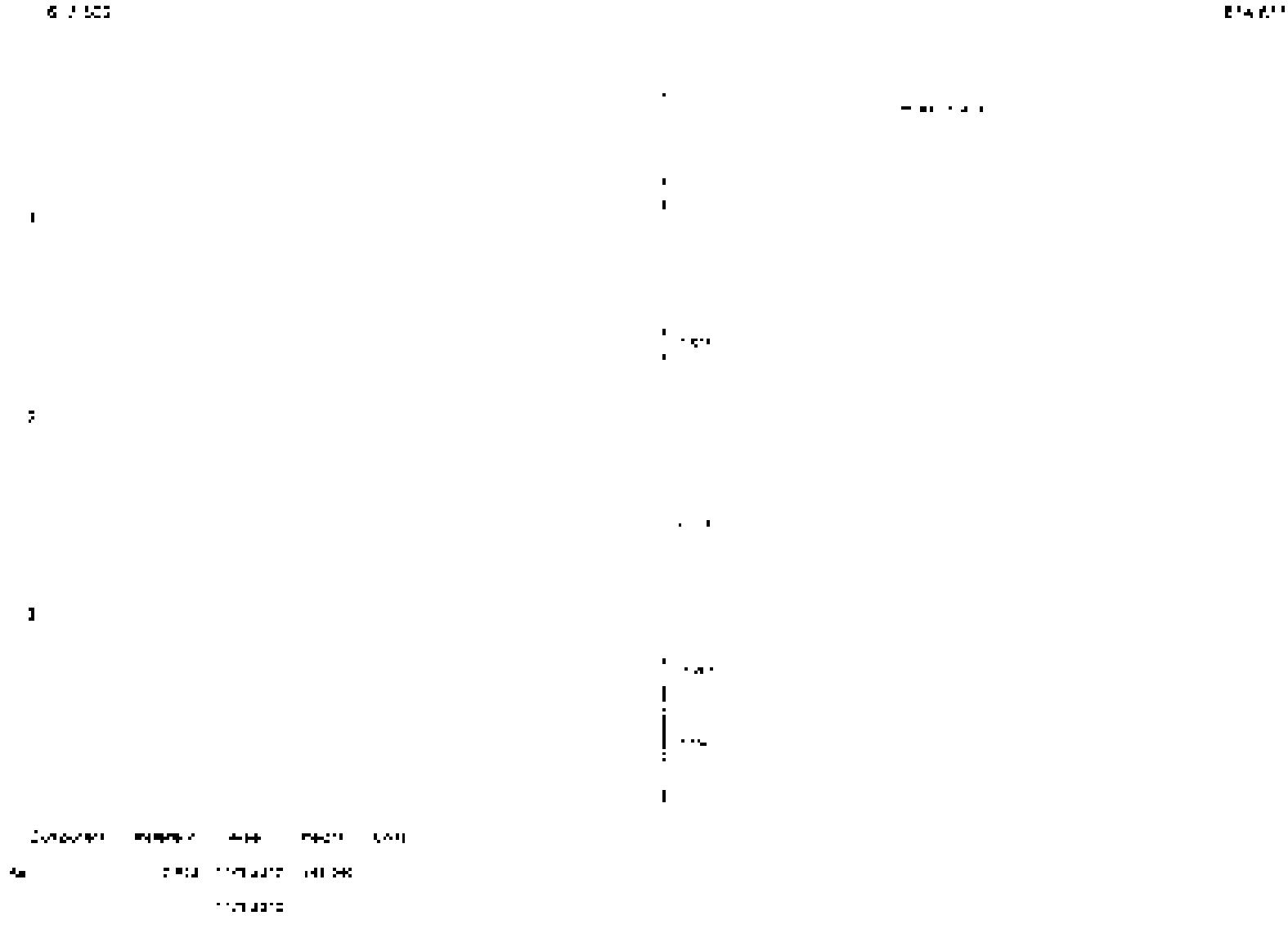

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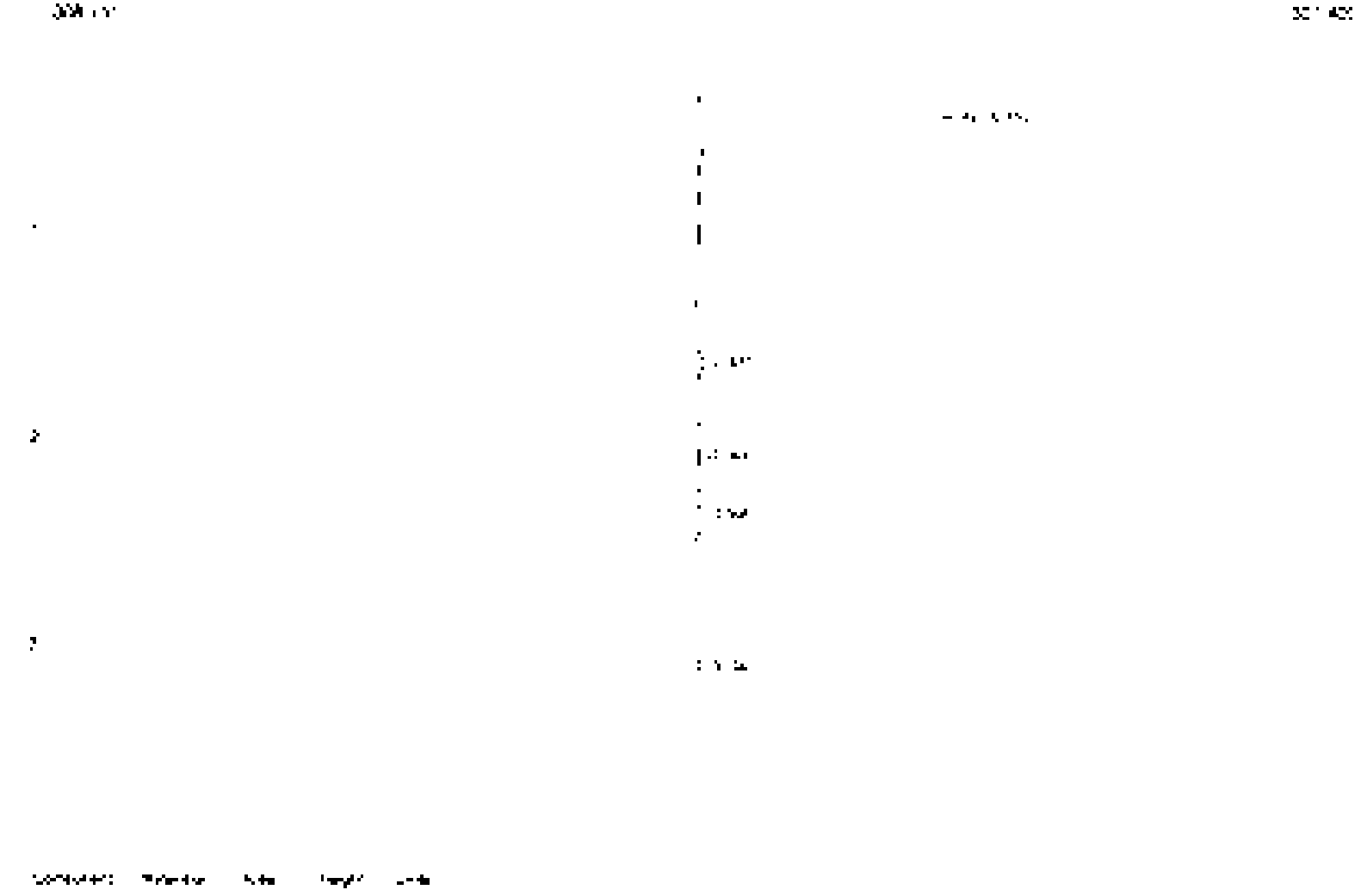

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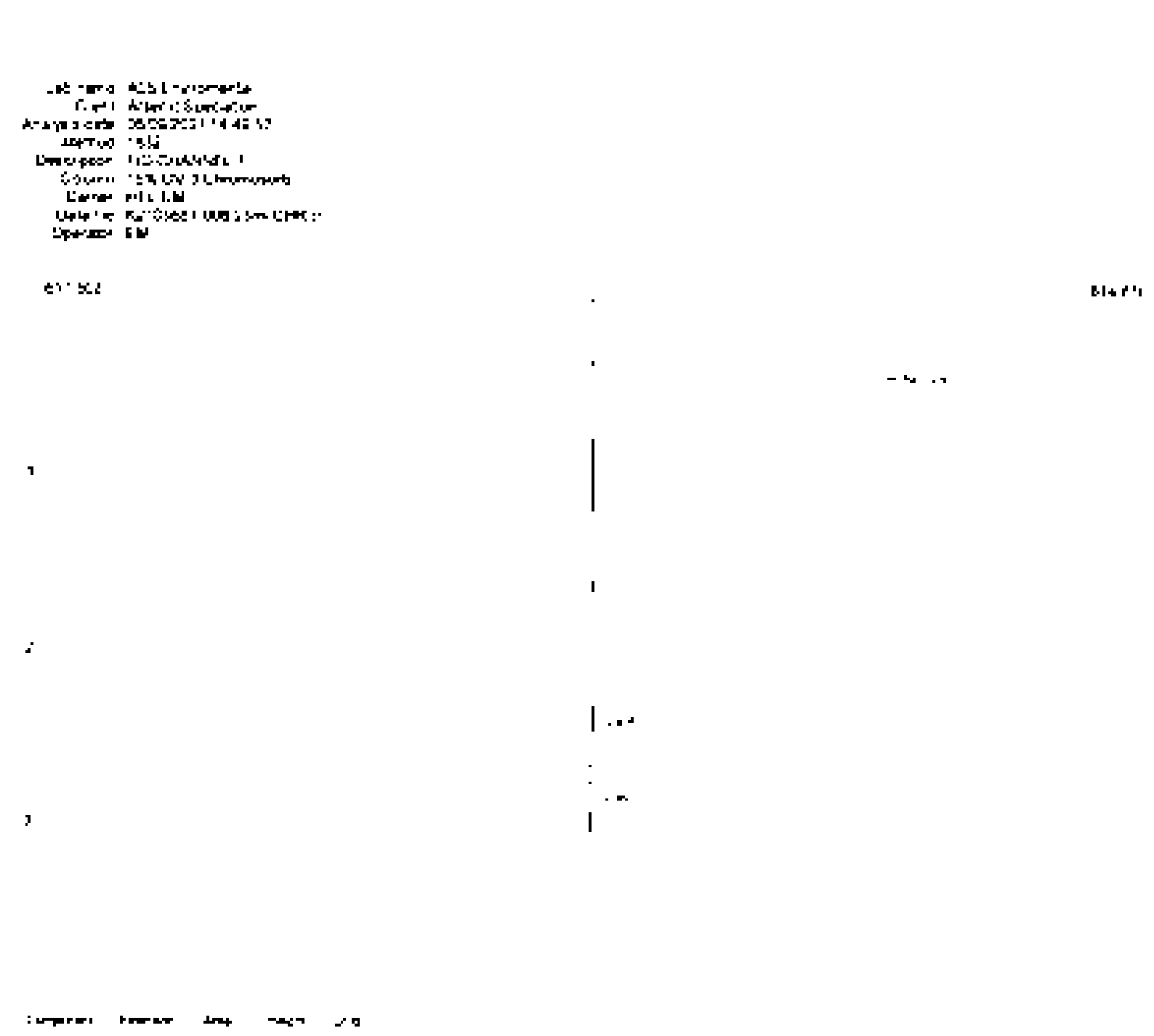

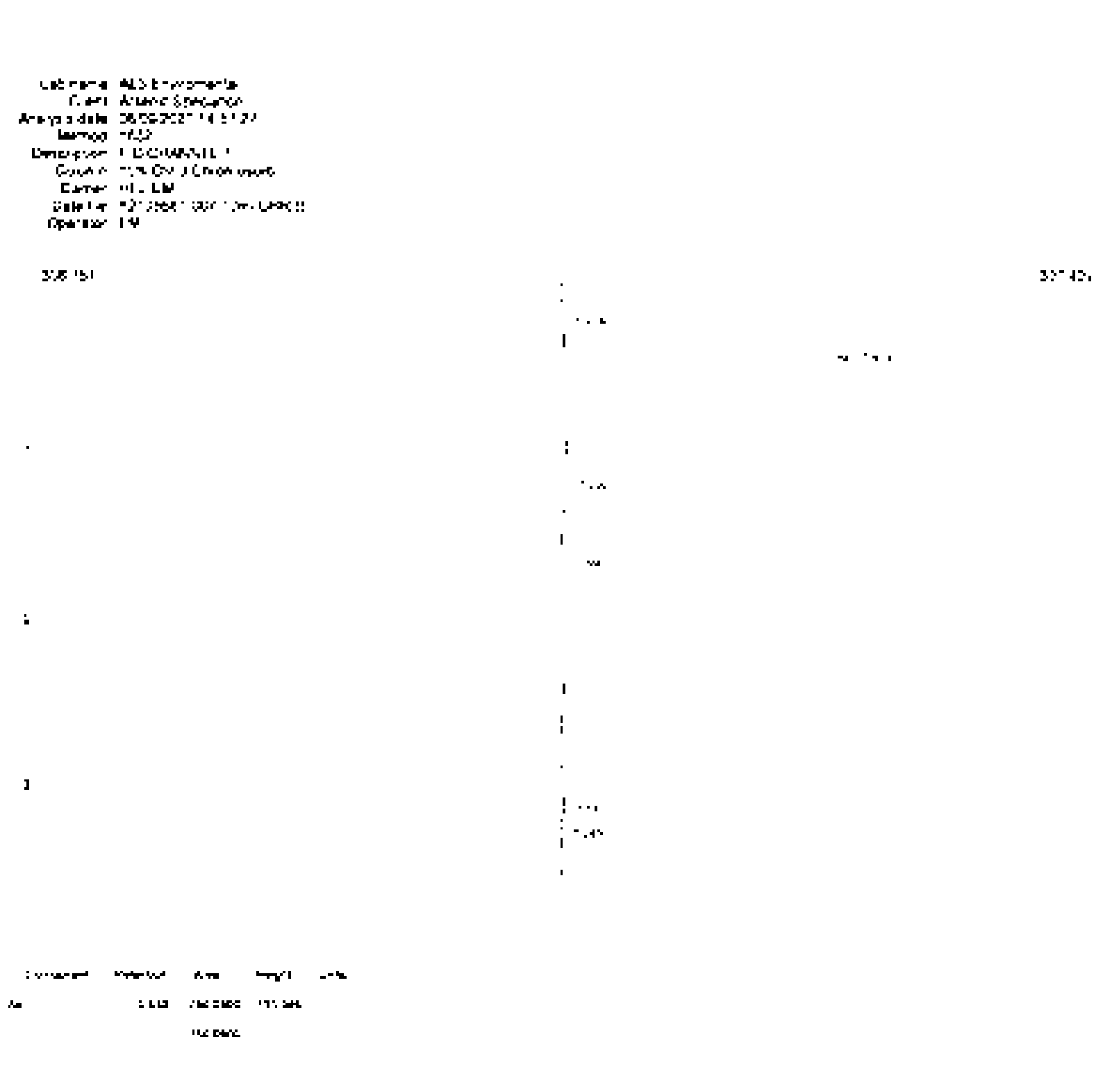

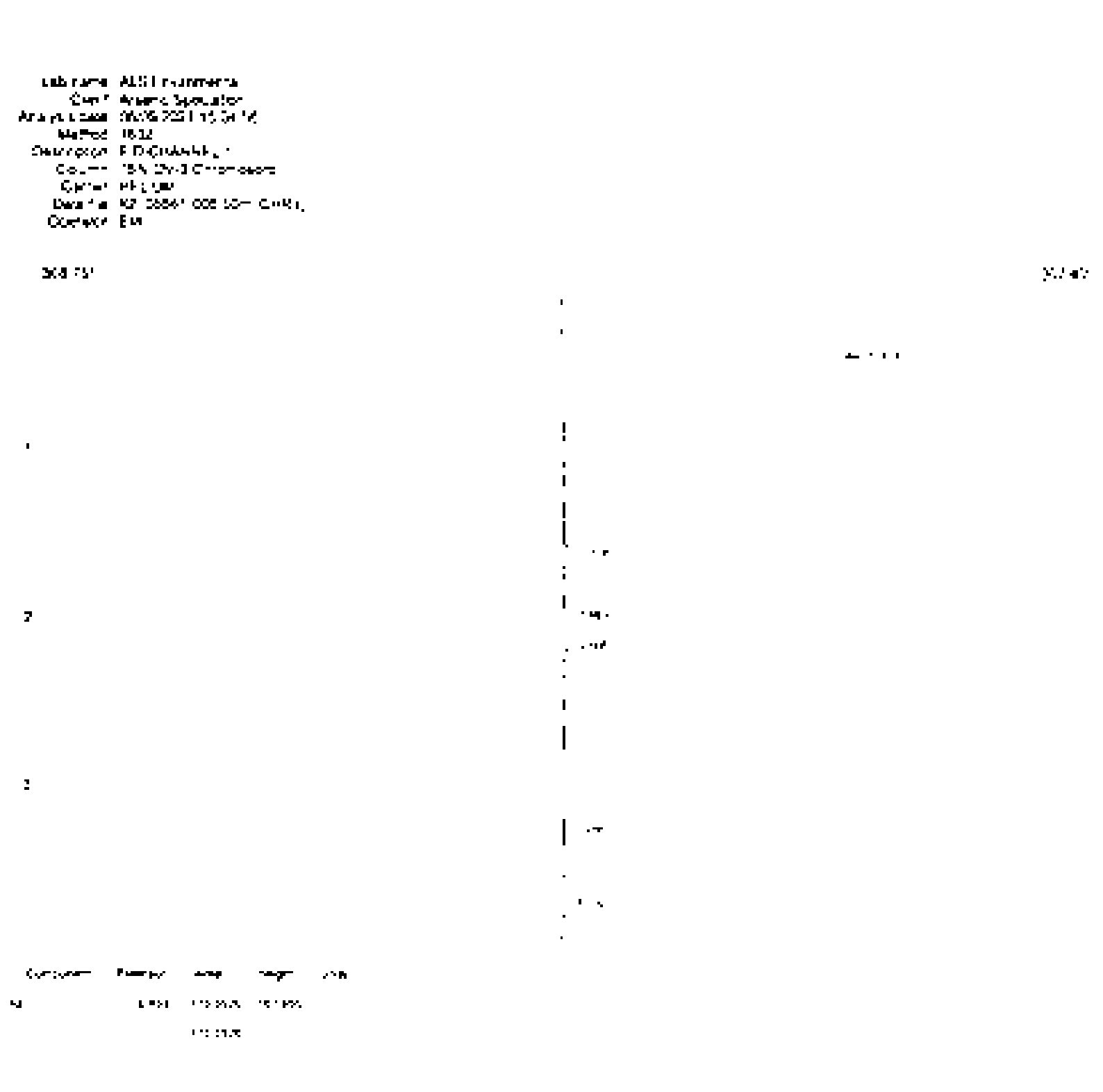

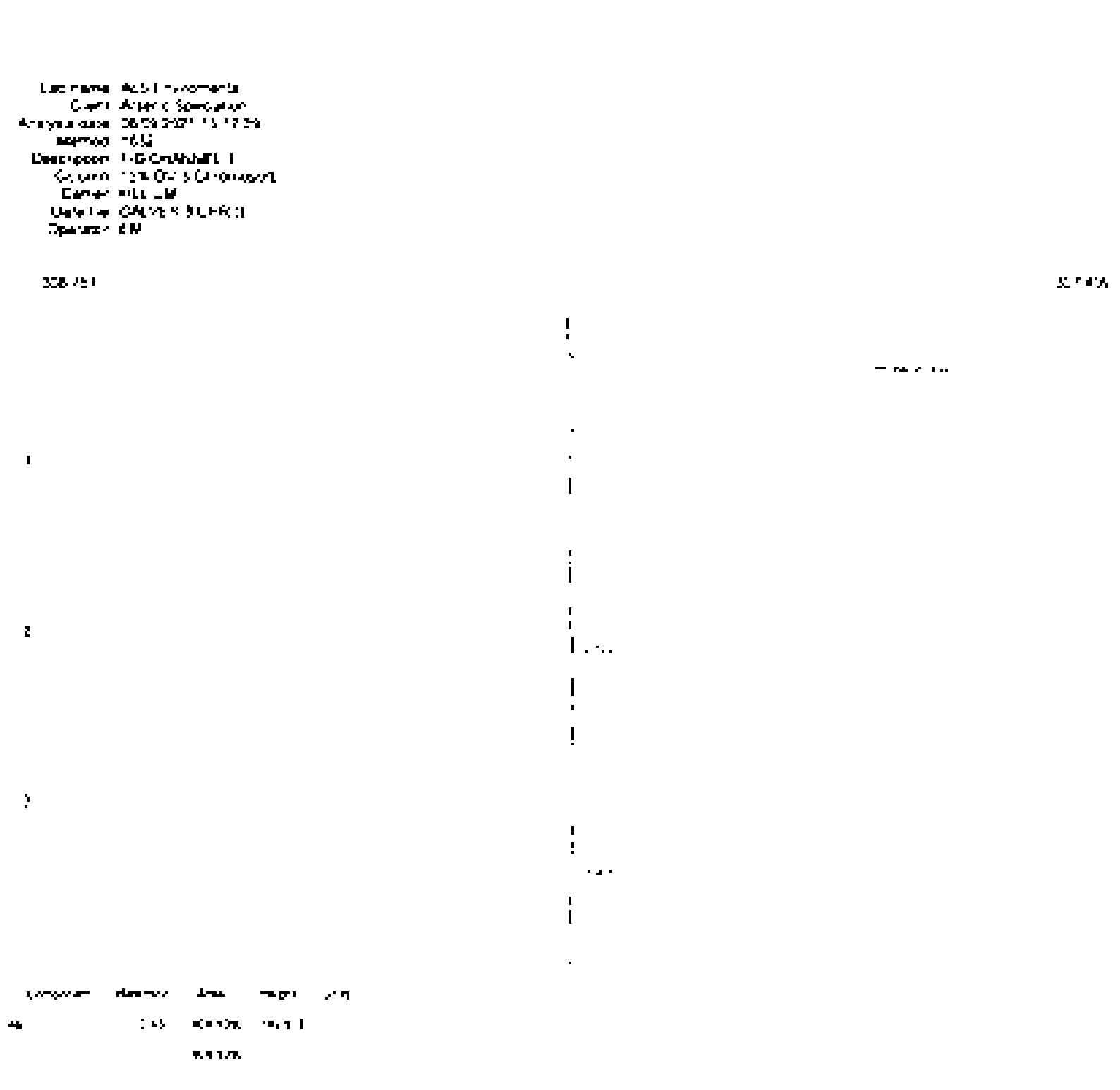

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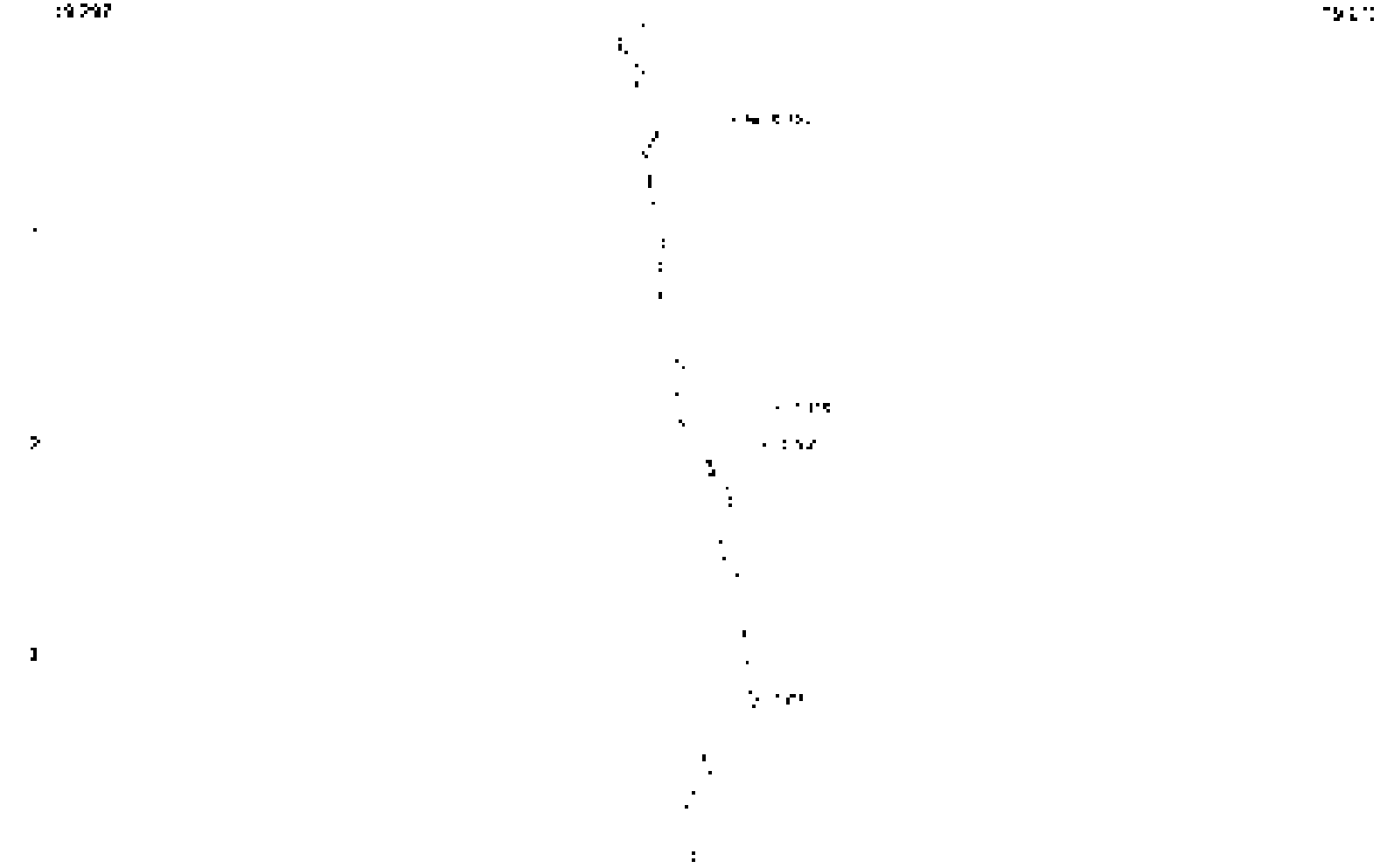

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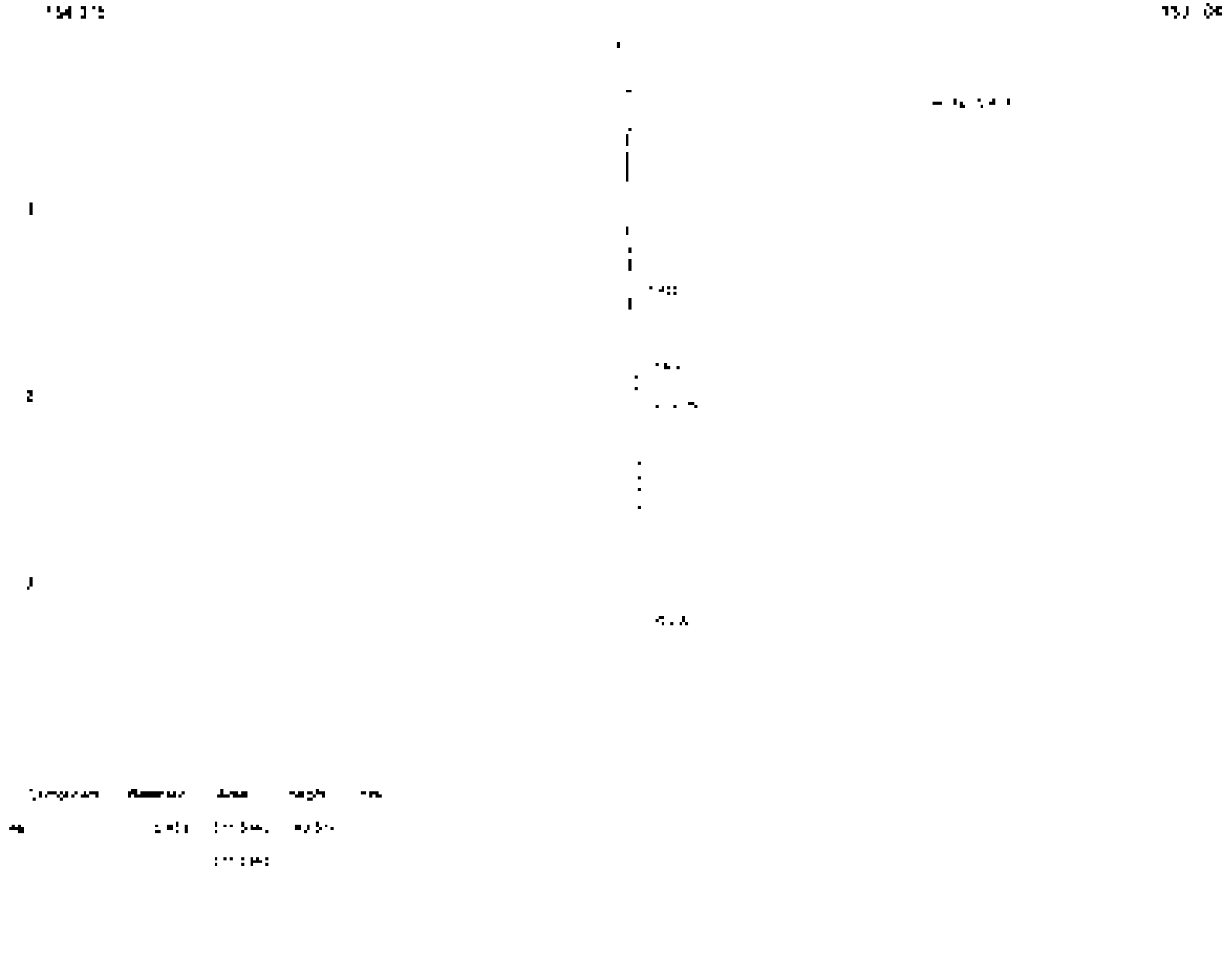

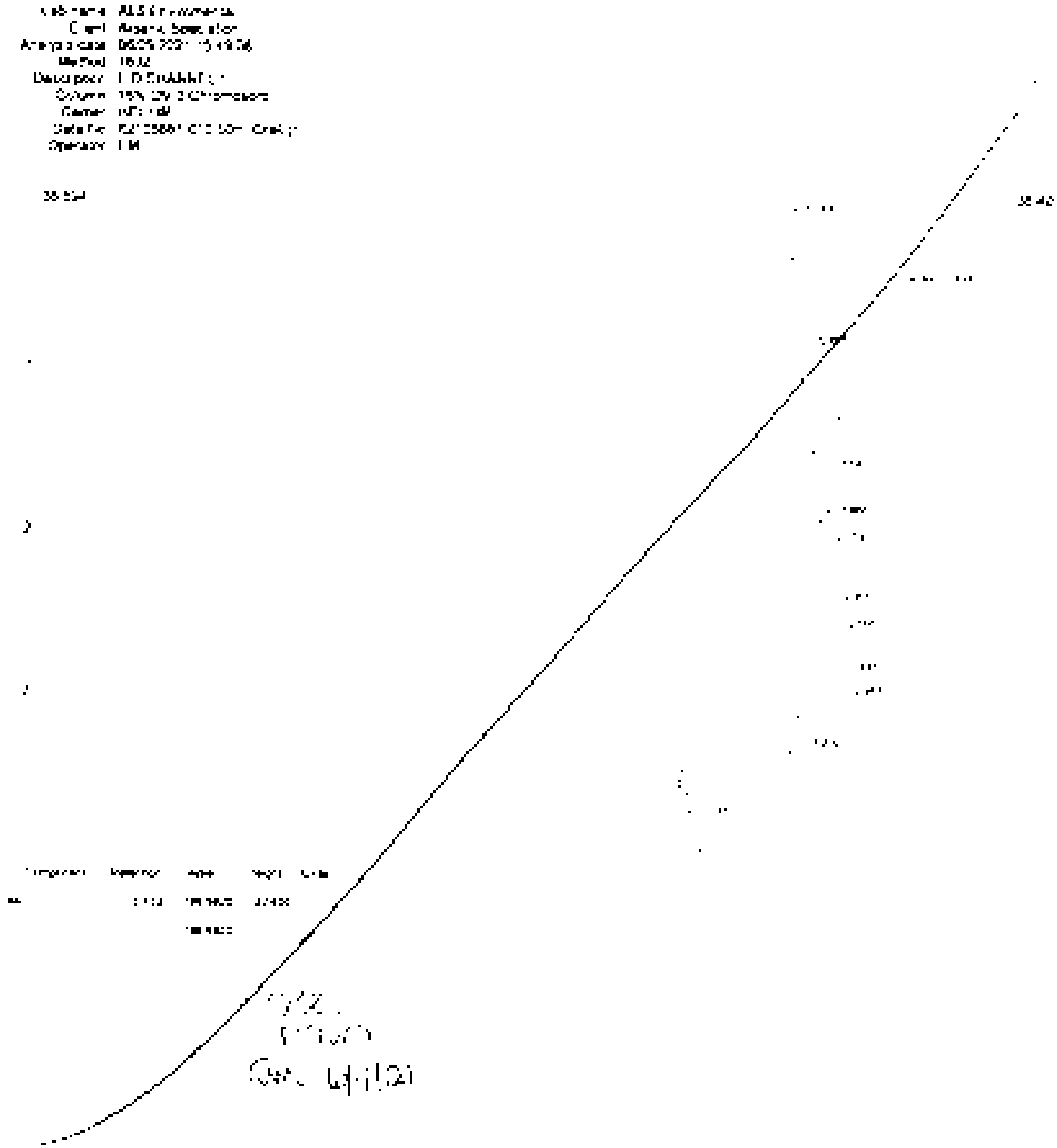

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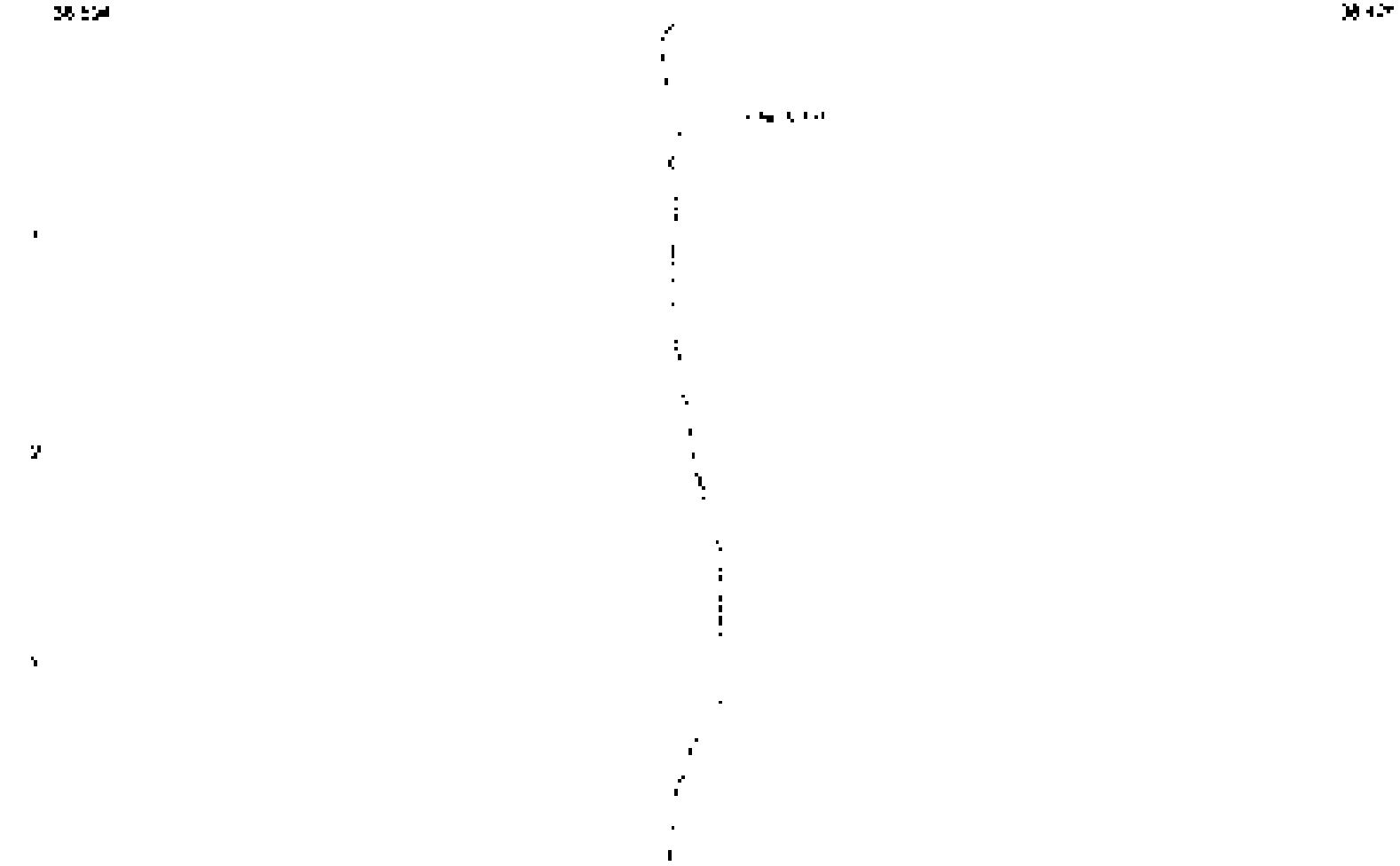
		[illegible]	

Operator: [illegible]



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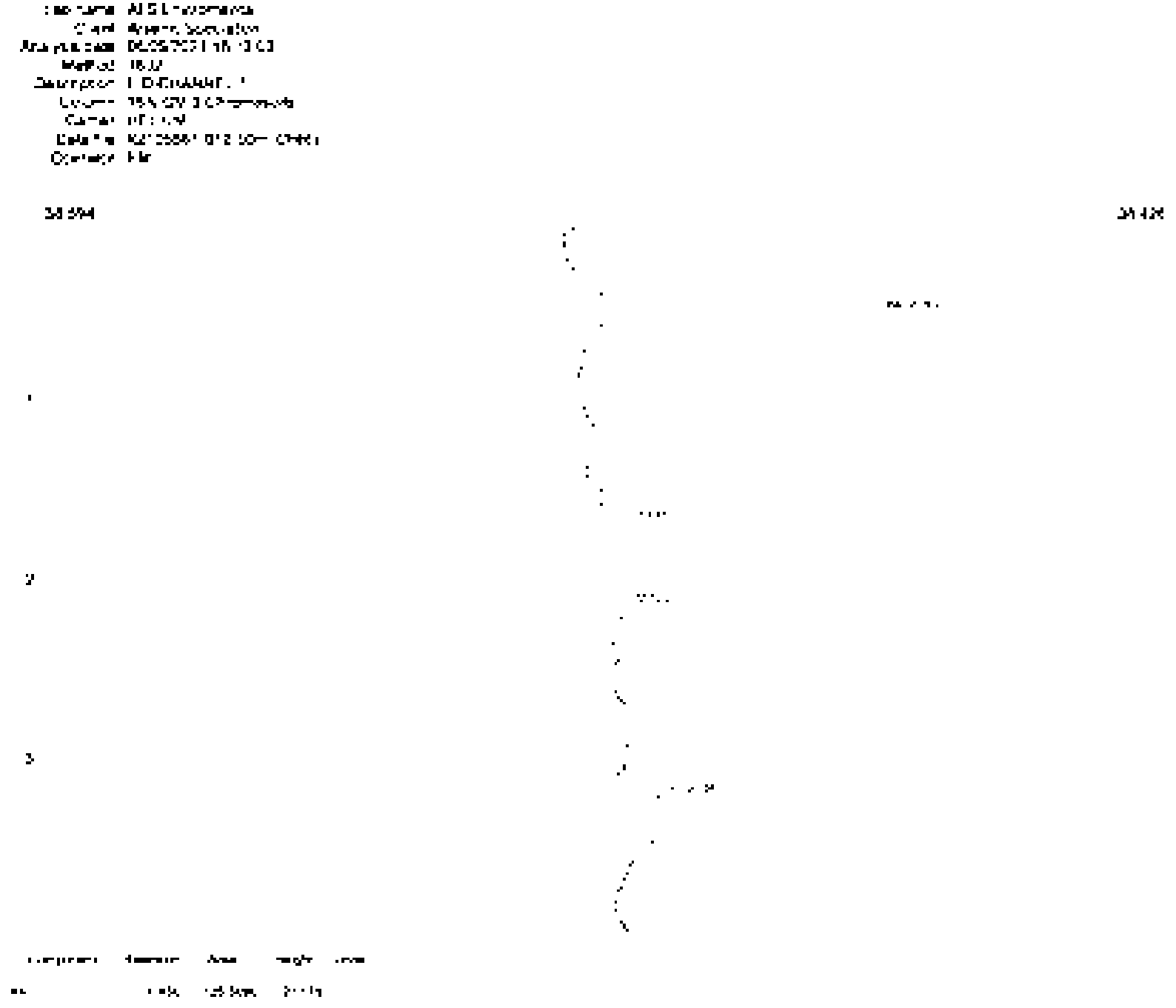

Method [illegible]
Description [illegible]
Operator EM

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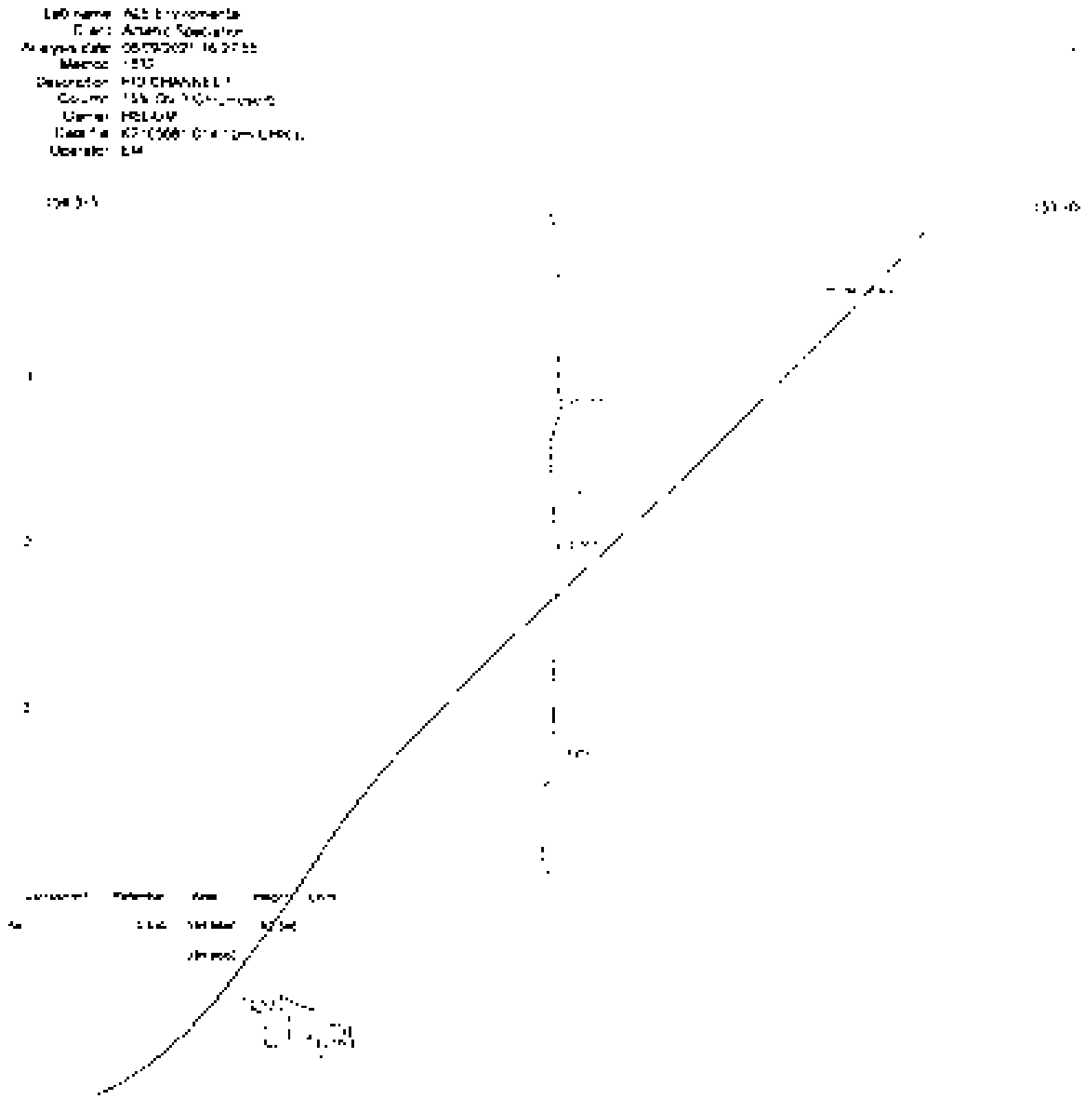

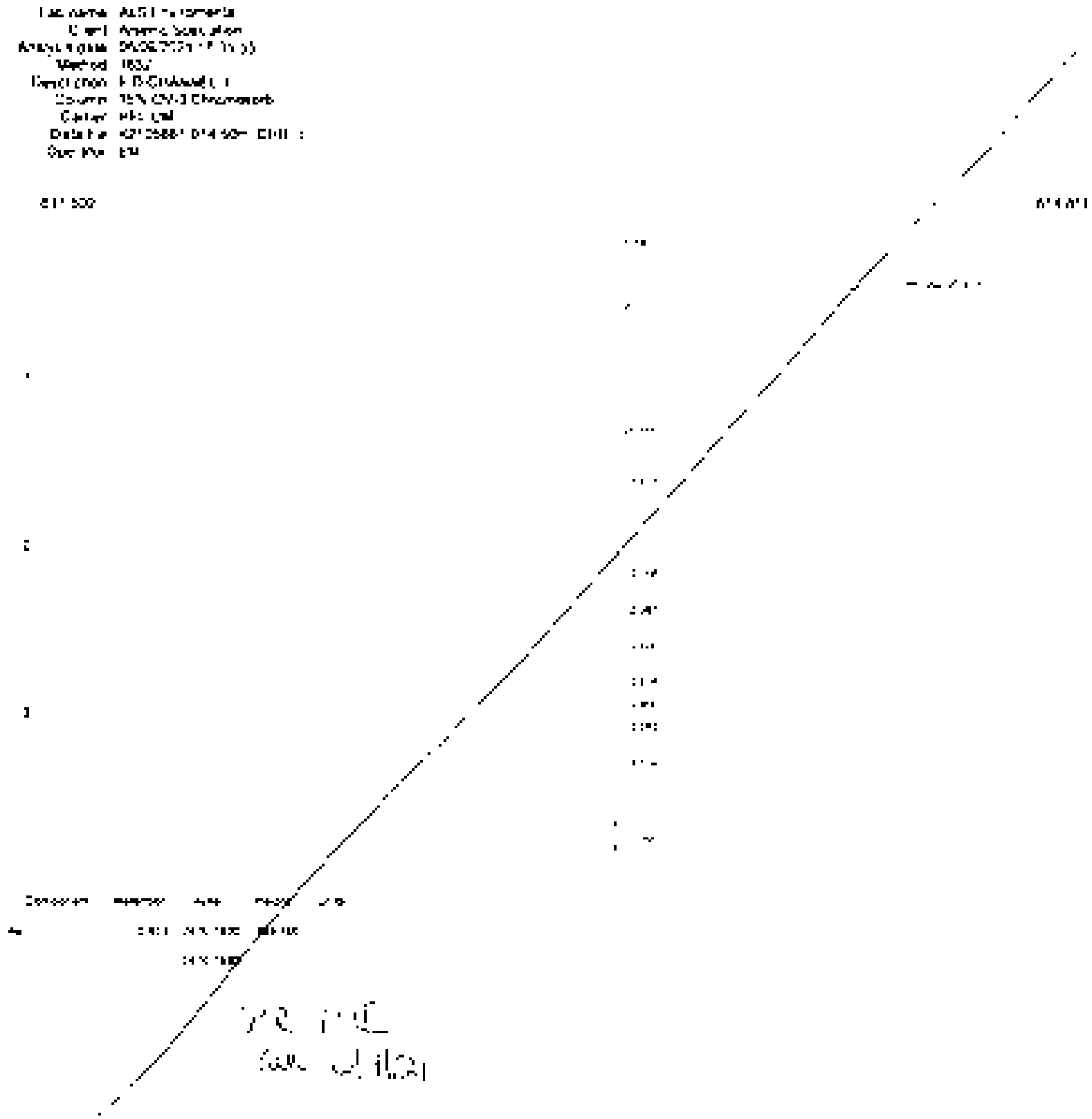

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Client: Atlantic Spectrum
Analysis date: [illegible]
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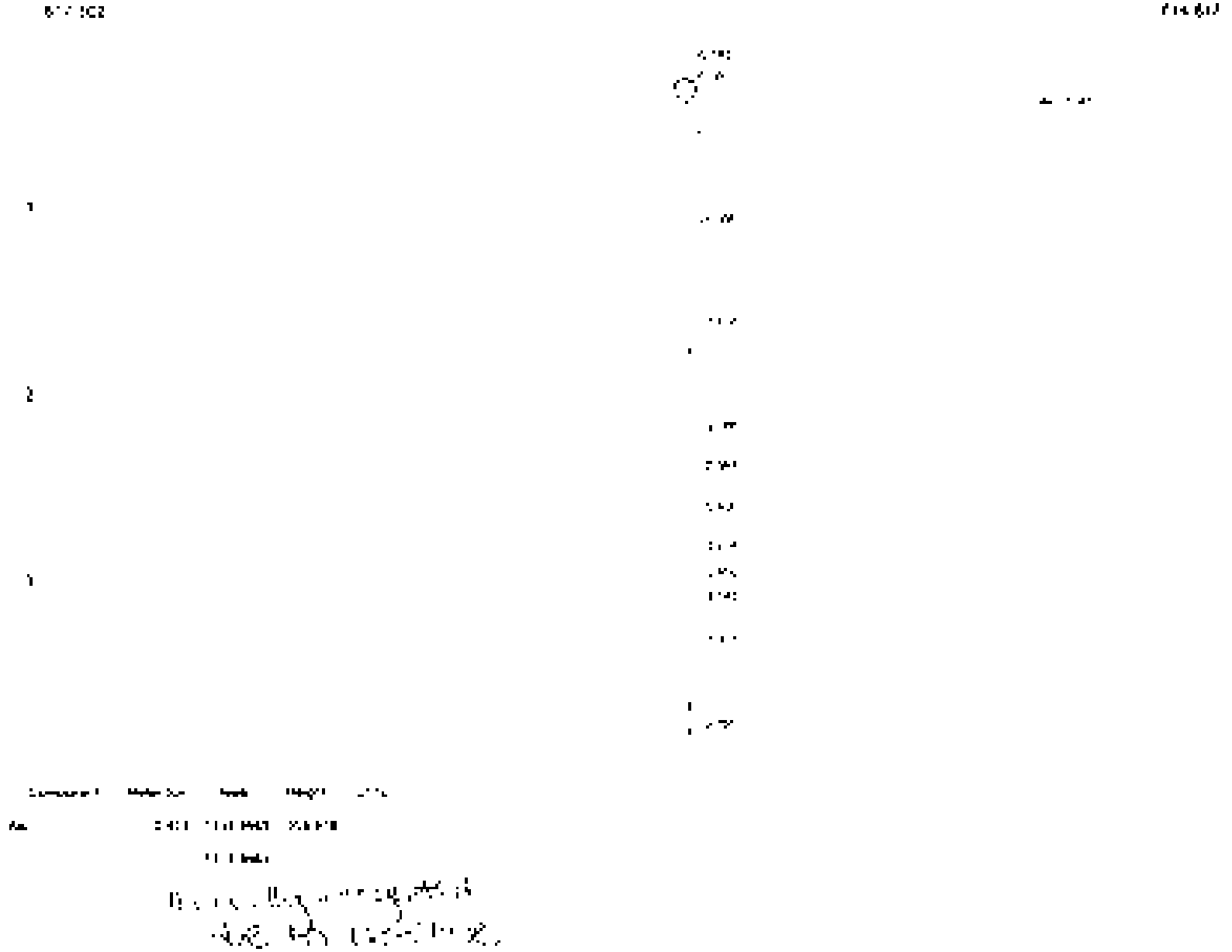
Data file: [illegible]
Operator: DM



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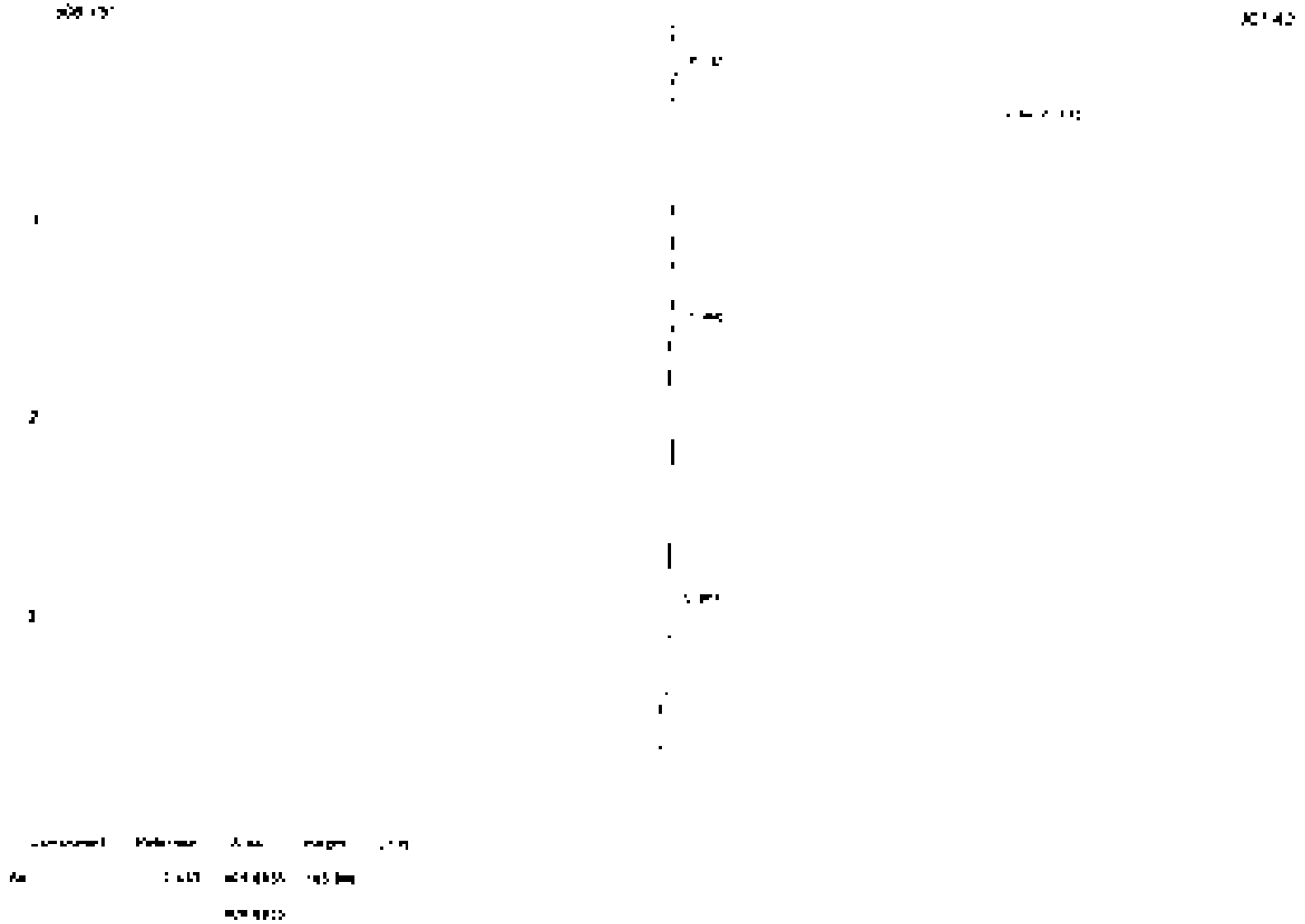
Operator: [illegible]



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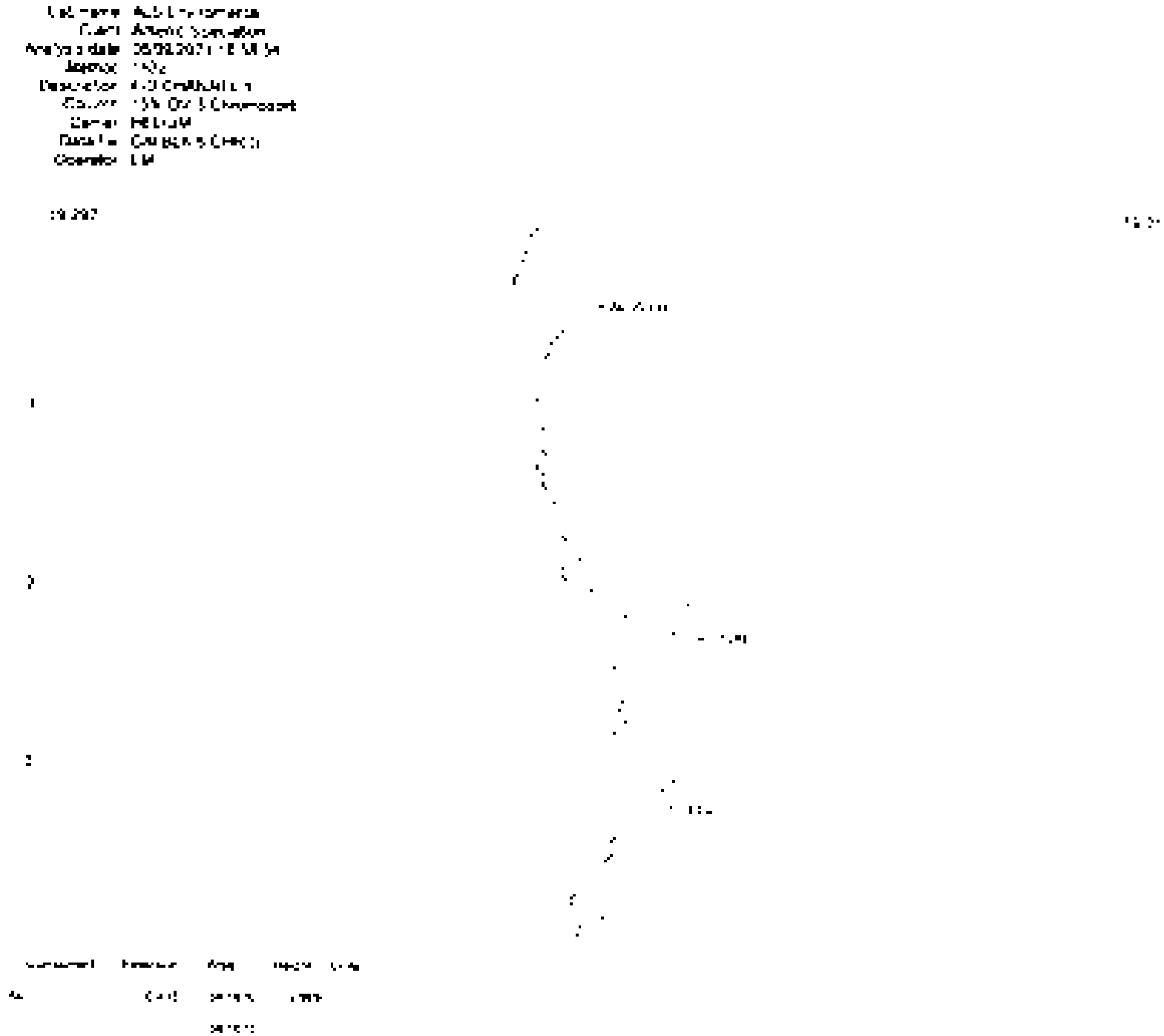
		[illegible]		



Service Request # K2105188 (TCLP), K2105532, K2105948 (TCLP), K2106163 (TCLP), K2106220 (TCLP), K2106457 (TCLP)
Calibration 081221AICP03
ALS LIMS Run # 727213
Pipette IDs. OU18256, 242761252, DJ07632
Pipette Calibration Due. 09/09/21

ICP-OES Data Review Form

		Yes	No
1.	Appropriate standardization completed	X	
2.	ICV within control limits	X	
3.	CCV's in control	X	
4.	ICB/CCB's below MRL	X	
4	LLICV standard analyzed and in control	X	
5	ICS standards within 20% of true value	X	
7	All analytes within instrument linear range	X	
7	Adequate rinse out time allowed	X	
8.	Was the run terminated? If so, why.		X

See Benchsheet exception report for sample batch QC information
Comments
60\0C NR Al3944 K, S, MRL for Ba, Cu, Sr = 2X
After 10 23 NR Li, Na, Ag, MRL for B - 2X

Primary Review by [illegible] Date [illegible]

Secondary Review by [illegible] Date [illegible]

Data Review Form

Instrument ID# K-ICP-AES-03
DataFile Name R:\ICP\WIP\DATA\K-ICP-AES-03 (6500)\061221AICP03.txt
RUNNO 727213

K2105188

No exceptions to report.

K2105532

K2105532-001PS : Metals T :

PS Recovery

60/ 00/Metals T Spike Recovery 247 Limits 80 120

K2105949

No exceptions to report.

K2106163

No exceptions to report.

K2106220

No exceptions to report.

K2106457

No exceptions to report.

Primary Approver

Secondary Approver 12/21

Page 1 of 1

Sample Name: BLK Acquired: 6/12/2021 8:08:11 Type: Cal
Method: 2021A 6010 ICP03(vSB) Mode: IR Corr Factor: 1.000000
User: aarm a Dilution: 1 Test Type: Sample Type:
Comment: INT STD.ICP19-79-D

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	0000	-52.28	5.340	4.646	.0283	4.1939	8.839
Stddev	000	1.72	274	099	0005	1.9728	414
%RSD	641.1	3.289	5.121	2.134	1.905	47.040	4.68:
#1	-.0001	-53.48	5.534	4.717	.0287	2.7989	8.547
#2	.0001	-51.05	5.147	4.576	.0279	5.5888	9.132

Elem	Ca2144	Ca2266	Ca3158	Ca3933	Cr2677	Co2307	Cu2247
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0002	-.0004	.0016	.1198	.0002	.0007	-.0004
Stddev	.0001	.0000	.0004	.0033	.0000	.0001	.0005
%RSD	54.68	12.58	26.82	2.756	5.695	8.335	140.4
#1	-.0001	-.0004	.0019	.1174	.0002	.0008	.0007
#2	.0003	-.0004	.0013	.1221	.0002	.0007	.0000

Elem	Cu3273	Fe2599	Pb2203	Li6707	Mg2790	Mg2795	Mg2852
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-126.9	.0004	.0003	69.52	.0002	.0003	-5.100
Stddev	1	.0007	.0005	17.10	.0005	.0000	1.909
%RSD	0.852	191.2	182.9	24.60	209.2	8.532	37.44
#1	127.0	.0001	.0006	57.43	-.0001	.0003	-6.450
#2	-126.8	.0009	-.0001	81.62	.0006	.0003	3.750

Elem	Mn2576	Mn2605	Mo2020	Ni2216	P 1782	K 7664	Sc1900
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00007	-.0001	.0002	.0001	.0004	70.88	-.0001
Stddev	.00004	.0000	.0000	.0003	.0000	14.62	.0001
%RSD	62.778	9.244	9.482	236.4	8.690	20.62	171.1
#1	.00009	-.0001	.0002	-.0001	.0004	60.55	-.0002
#2	.00004	-.0001	.0002	.0004	.0003	81.22	.0000

Sample Name: BLK Acquired: 01/29/2021 8:08:11 Type: Cal
Method: 2021A 6010 ICP03(v58) Mode: IR Corr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment: INT STD ICP19-79-D

Elem	Si2516	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.800	-9.632	-129.9	-.00865	-.0002	.0001	.0020
Stddev	1.597	11.01	6.0	.00301	.0002	.0002	.0001
%RSD	35.36	114.3	4.587	34.790	90.52	112.0	7.240
#1	6.000	-1.849	125.7	.01078	.0003	.0000	.0021
#2	3.600	-17.42	-134.1	-.00653	-.0001	.0003	.0019

Elem	V 2924	Zn2062	Zn2138	Bi2230	S 1820
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0004	.0000	1.338	.0013	-1.172
Stddev	.0000	.0001	.260	.0003	.179
%RSD	13.15	281.60	18.70	25.18	15.26
#1	.0003	.0001	1.512	.0015	-1.046
#2	.0004	.0001	1.159	.0010	-1.299

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4418.8	69289.	4217.5
Stddev	6.0	287	20.4
%RSD	.13473	.40679	.48454
#1	4423.2	69428	4200.0
#2	4414.5	69050	4231.9

Sample Name: STD A Acquired: 6/12/2021 8:10:38 Type: Cal
Method: 2021A 6010 ICP03(v58) Mode: IR Corr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment: ICP19-77-A

Elem	Al1670	Sb2068	Be2348	B 2496	Cd2144	Cd2265	Ca3933	Cr2677
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1899	191.0	20038.	1697.	1.604	1.006	14.31	.0641
Stddev	.0012	0	59	2	.005	.003	.07	.0003
%RSD	.6565	.0139	.29199	.1178	.3151	.2625	.5034	.5718
#1	1908	191.9	20079	1696	1.608	1.009	14.36	.0643
#2	1890	191.9	19997	1699	1.601	1.004	14.26	.0639

Elem	Co2307	Cu2247	Cu3273	Pb2203	Mg2795	Mn2576	Mo2020	Ni2216
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.3994	.2557	3788	.0949	2.091	35168	.3286	.4588
Stddev	.0014	.0008	22.	.0006	.017	.00226	.0012	.0017
%RSD	.3575	.3255	.5675	.5860	.7928	.64158	.3541	.3771
#1	4004	2563	3803	.0953	2.103	35327	.3295	.4601
#2	3984	2552	3773	.0945	2.080	35008	.3278	.4576

Elem	Sc1960	Ag3280	Tl1908	Sn1899	Ti3361	V 2924	Zn2062	Zn2138
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0368	5649.	.0733	.0894	.2532	.0726	.4990	.4756
Stddev	.0003	35	.0001	.0003	.0007	.0005	.0029	.10
%RSD	.7399	.6108	.0781	.2897	.2689	.7359	.5886	.2207
#1	.0366	5673	.0732	.0896	.2537	.0729	.5010	.4753
#2	.0370	5624	.0733	.0892	.2527	.0722	.4969	.4749.

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4420.2	66595	4203.3
Stddev	.4	95	47.9
%RSD	.00976	.13599	1.1399
#1	4420.5	66528	4159.4
#2	4419.0	66662	4237.1

Sample Name: STD B Acquired: 6/12/2021 8:12:52 Type: Cal
Method: 2021A 601D ICP03(v58) Mode: IR Conc Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment: ICP19-80 D

Elem	As1890	Ba4554	Ca3158	Fe2599	Li6707	Mg2790	Mg2852
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	573.6	94.74	1.641	1.734	13760	.3781	19890.
Stddev	15.6	1.48	.008	.017	169.	.0021	254
%RSD	2.725	1.565	.4863	.9872	1.228	.5504	1.275
#1	584.7	93.90	1.646	1.745	13880	.3796	20070
#2	562.5	95.79	1.635	1.722	13640	.3766	19710

Elem	Mn2605	P 1782	K 7664	Si2516	Na5895	Sr4077	Bi2230	S 1820
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0312	1.340	6160.	2142.	21270.	16.150	.2272	400.7
Stddev	.0002	.034	42	26	292	.135	.0062	9.3
%RSD	.5580	2.510	.6782	1.234	1.374	.84488	2.707	2.330
#1	.0313	1.363	6189	2160	21470	16.247	.2316	407.3
#2	.0311	1.316	6130	2123	21060	16.054	.2229	394.1

Int Std	Y 2243	Y 3600	Y 3600 2
Units	Cts/S	Cts/S	Cts/S
Avg	4352.7	67554	4254.3
Stddev	9	173	1.6
%RSD	.02119	.25550	.03815
#1	4352.0	67676	4255.5
#2	4353.5	67432	4253.2

Sample Name: ICVB Acquired: 6/12/2021 8:15:31 Type: QC
Method: 2021A 601D ICPD3(v5B) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment: ICP19.82 C

Elem	Al1670	As3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Ca2144	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9998	1.064	.0028	.0008	-.0002	.00009	1.976	.0001	.0005
Stdev	.0042	.018	.0042	.0013	.0011	.00001	.014	.0000	.0001
%RSD	.4158	1.650	149.2	156.0	637.5	16.474	.7262	13.99	23.32
#1	1.003	1.077	.0058	-.0001	.0005	.00010	1.986	.0001	.0005
#2	.9969	1.052	-.0002	.0018	-.0009	.00008	1.956	.0000	.0006
Check ?	Chk Pass	None	None	None	None	None	Chk Pass	None	None
Value									
Range									

Elem	Ca3158	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.290	5.040	-.0009	.0002	.0004	.0002	10.15	.0012	2.092
Stdev	.006	.029	.0001	.0002	.0004	.0003	.04	.0027	.005
%RSD	.1083	.5662	15.80	97.56	96.18	182.7	.4057	226.8	.2310
#1	5.295	5.060	-.0008	.0003	.0006	.0004	10.18	.0031	2.089
#2	5.286	5.020	-.0010	.0001	.0001	-.0001	10.12	.0007	2.085
Check ?	None	Chk Pass	None	None	None	None	None	None	Chk Pass
Value									
Range									

Elem	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020	Ni2216	P 1782	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.970	4.795	5.033	9.6779	9.897	-.0002	.0024	5.199	.0670
Stdev	.016	.010	.023	.0452	.011	.0000	.0001	.029	.0220
%RSD	.3135	.2046	.4641	.46671	1.121	.4161	2.662	.5648	32.63
#1	4.959	4.802	5.017	9.7099	9.889	-.0002	.0025	5.220	.0520
#2	4.981	4.788	5.050	9.6460	9.905	-.0002	.0024	5.178	.0832
Check ?	None	Chk Pass	None	None	Chk Pass	None	None	Chk Pass	None
Value									
Range									

Sample Name ICVB Acquired 6/12/2021 8:15:31 Type QC
Method 2021A 6010 ICP03(v58) Mode CONC Corr Factor 1.000000
User: admin Dilution 1 Test Type: Sample Type
Comment ICP19-82-C

Elem	Se1960	Si2516	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361	V 2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0012	5.027	-.0003	13.98	1.9934	.0081	4.829	.0001	.0010
Stddev	.0005	.011	.0000	.01	.0012	.0001	.036	.0002	.0007
%RSD	41.14	2.137	1.757	.0565	.06234	1.204	.7261	299.5	70.76
#1	-.0016	5.020	-.0003	13.98	1.9942	.0082	4.854	-.0002	.0015
#2	-.0009	5.035	-.0003	13.99	1.9925	.0081	4.804	.0001	.0005
Check ?	None	Chk Pass	None	None	Chk Pass	None	Chk Pass	None	None
Value									
Range									

Elem	Zn2062	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm
Avg	.0019	.0023	5.180	5.242
Stddev	.0001	.0001	.033	.025
%RSD	4.621	2.930	.6278	.4822
#1	.0020	.0022	5.203	5.224
#2	.0018	.0023	5.157	5.260
Check ?	None	None	Chk Pass	Chk Pass
Value				
Range				

Int Std	Y 3243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4388.0	69168.	4240.9
Stddev	27.7	68	19.5
%RSD	.63061	.09892	.46265
#1	4369.5	69119	4227.1
#2	4407.5	69216	4254.8

Sample Name: ICV Acquired: 6/12/2021 8:18:04 Type: QC
Method: 2021A 6010 ICP03(v56) Mode: CONC Corr Factor: 1.000000
User Name: Dilution: 1 Test Type: Sample Type:
Comment: ICP19-82-A

Elem	Al1670	As3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.530	5.206	2.503	2.539	5.025	.12727	.0009	1.246	1.252
Stddev	.018	.019	0[illegible]1	.015	.012	.00029	.0009	.004	.002
%RSD	.3890	.3729	.4280	.5833	.2468	2.2719	95.14	.3107	.1338
#1	4.542	5.192	2.511	2.550	5.016	.12706	.0003	1.249	1.253
#2	4.517	5.220	2.496	2.529	5.034	.12747	.0016	1.243	1.251
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value Range									

Elem	Ca3158	Ca1933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.79	12.31	.5004	1.224	.6116	.6039	2.564	2.462	.0008
Stddev	.03	.08	.0000	.006	.0012	.0013	.006	.012	.0016
%RSD	.2239	.6236	.0025	.4766	.1960	.2130	.2327	.4826	193.0
#1	12.81	12.37	.5004	1.228	.6124	.6049	2.568	2.471	-.0003
#2	12.77	12.26	.5004	1.220	.6107	.6030	2.560	2.454	.0019
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None
Value Range									

Elem	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020	Ni2216	P 1782	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.48	12.10	12.75	1.2258	1.238	.5190	1.232	.0003	12.63
Stddev	.00	.09	.06	.0016	.003	.0005	.002	.0011	.09
%RSD	.0228	.7529	.4543	.13192	.2203	.0882	.1195	443.6	.5875
#1	12.48	12.16	12.79	1.2269	1.240	.5194	1.233	-.0005	12.57
#2	12.48	12.03	12.71	1.2247	1.236	.5187	1.231	.0010	12.69
Check ?	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass
Value Range									

Sample Name: ICV Acquired: 6/12/2021 8:18:04 Type: QC
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin ID Icon: 1 Test Type: Sample Type:
Comment: ICP19-B2-A

Elem	Se1960	Si2516	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361	V 2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.527	-.0294	.6078	12.65	.00046	2.450	.0028	2.042	1.260
Stddev	.007	.0033	.0014	.04	.00011	.011	.0007	.001	.001
%RSD	.2841	11.16	.2224	.2894	23.616	.4283	25.67	.0451	.0777
#1	2.533	-.0317	.6068	12.68	.00054	2.458	.0023	2.041	1.259
#2	2.522	-.0271	.6087	12.63	.00038	2.443	.0033	2.042	1.261
Check ?	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	None	Chk Pass	Chk Pass
Value									
Range									

Elem	Zn2062	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm
Avg	1.229	1.234	.0046	.0045
Stddev	.005	.003	.0024	.0029
%RSD	.4015	.2613	51.97	64.14
#1	1.232	1.236	.0029	.0065
#2	1.225	1.231	.0063	.0025
Check ?	Chk Pass	Chk Pass	None	None
Value				
Range				

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4387.7	69074.	4254.2
Stddev	1.2	22	5.1
%RSD	.02659	.03205	.11935
#1	4386.9	69090	4250.0
#2	4388.5	69058	4257.8

Sample Name: ICB Acquired: 6/12/2021 8:20:19 Type: QC
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr. Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	.0018	.0039	.0004	-.0002	-.00002	.0005	.0000
Stddev	.0004	.0008	.0004	.0007	.0003	.00007	.0029	.000
%RSD	121.7	41.74	10.10	173.7	137.0	298.73	572.1	24.58
#1	.0000	.0023	.0042	.0009	-.0004	.00003	.0015	.0000
#2	.0007	.0013	.0036	-.0001	.0000	-.00007	-.0025	.0000
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Ca2275	Ca3158	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	-.0049	.0000	-.0003	.0000	-.0001	.0004	.0058
Stddev	.0001	.0092	.0007	.0000	.0002	.0007	.0003	.0082
%RSD	219.0	187.3	2147	2.296	365.6	532.7	82.05	140.3
#1	.0002	.0016	-.0005	-.0003	-.0001	.0004	.0002	.0000
#2	.0000	-.0115	.0005	.0003	.0002	-.0006	.0006	.0116
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Pb2203	Li6707	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0004	.0007	.0324	.0006	.0012	-.00008	.0015	.0010
Stddev	.0005	.0044	.0497	.0004	.0006	.00005	.0024	.0001
%RSD	124.1	604.8	153.7	74.80	53.06	73.084	160.2	14.51
#1	-.0001	.0038	.0675	.0003	.0008	-.00004	-.0002	.0009
#2	-.0008	-.0024	.0028	.0009	.0017	-.00012	.0032	.0011
Check ?	Chk Pass	Chk Pass	None	Chk Pass	None	Chk Pass	None	Chk Pass
High Limit								
Low Limit								

Sample Name: ICB Acquired: 6/12/2021 8:20:19 Type: QC
Method: 202.1A 6010 ICP03(v58) Mode: CONC Corr. Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Ni2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5995	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	-.0016	.0932	.0041	-.0063	-.0007	.0029	.0001
Stddev	.0004	.0030	.0176	.0014	.0103	.0007	.0003	.0004
%RSD	226.6	187.7	51.07	33.37	162.1	101.5	11.01	29.233
#1	.0001	.0005	.1268	.0050	-.0136	-.0002	.0027	.0011
#2	.0005	.0037	.0595	.0031	.0009	-.0012	.0032	.0017
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Tl1908	Sn1899	Ti3361	V 2924	Zn2062	Zn2138	Bi2230	Sb 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027	-.0001	.0000	-.0005	-.0001	.0000	.0006	.0038
Stddev	.0008	.0006	.000	.0006	.0000	.0000	.0004	.0038
%RSD	27.72	627.0	9950.	130.1	62.34	753.5	65.95	98.65
#1	.0022	-.0005	.0001	-.0009	-.0001	.0000	.0003	.0012
#2	.0033	.0003	-.0001	.0000	.0000	.0000	.0009	.0065
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4431.5	69740.	4267.7
Stddev	37.8	128	14.6
%RSD	.85395	.18282	.34297
#1	4434.8	69650	4257.4
#2	4428.3	69830	4278.1

Sample Name LLICV Acquired 6/12/2021 8 22 48 Type QC
Method 2021A 6010 ICP03(v58) Mode CONC Corr Factor 1 000000
User admin Dilution 1 Test Type Sample Type
Comment ICP19-81-A 0.5x50mL

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104	.0106	.0204	.0110	F .0027	00094	.0214
Stdev	0001	0046	0002	0003	0002	00001	0026
%RSD	9152	42 26	8644	2 425	6.335	1 1884	11 98
#1	0104	0138	0202	0111	0028	.00095	0196
#2	0103	0074	0205	0108	0025	00094	0233
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value					0040		
Range					30 00%		

Elem	Cd2144	Cd2265	Ca3158	Ca3933	Cr2677	Co2307	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	0010	0011	F 0344	.0204	0044	.0019	.0032
Stdev	.0001	0001	0046	0001	0001	0004	0006
%RSD	10 54	11.86	13 34	3048	2 307	18 61	1 546
#1	0011	0010	0377	0203	0043	0016	0032
#2	0009	0012	0312	0204	0045	0021	0032
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value			0200				
Range			30 00%				

Elem	Cu3273	Fe2599	Pb2203	Li6707	Mg7790	Mg2795	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 0053	0175	0084	.0248	-.0062	.0054	.0057
Stdev	.0007	0092	0005	0004	0278	0003	0010
%RSD	12 69	52 27	6 314	1.426	448 2	5.793	17 52
#1	0058	0110	0081	0250	0135	0052	0050
#2	0048	0240	0088	0245	-0259	0056	0064
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value	0040						
Range	30 00%						

Sample Name: LLICV Acquired 6/12/2021 8:22:48 Type: QC
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin ID Option: Test Type: Sample Type:
Comment: ICP19-81-A 0.5/50mL

Elem	Mn2576	Mn2605	Mo2020	Ni2216	P 1782	K 7664	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101	-.0004	.0042	.0043	.0366	F 1.3060	.0243
Stddev	.0007	.0012	.0002	.0001	.0041	.0271	.0007
%RSD	7.0866	308.4	3.872	3.055	11.18	8.859	2.918
#1	.0096	.0012	.0043	.0044	.0395	1.3252	.0248
#2	.0106	.0005	.0041	.0042	.0337	1.3869	.0238
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value						2.000	
Range						30.00%	

Elem	Si2516	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1830	.0035	.2113	F .00131	.0126	.0199	.0024
Stddev	.0175	.0002	.0333	.00004	.0013	.0009	.0002
%RSD	9.588	5.643	15.76	2.6751	10.39	4.749	7.859
#1	.1806	.0037	.1878	.00129	.0117	.0206	.0022
#2	.2054	.0034	.2349	.00134	.0135	.0193	.0025
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value				.00100			
Range				30.000%			

Elem	V 2924	Zn2062	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm
Avg	.0043	.0039	.0042	.0235	.0435
Stddev	.0003	.0000	.0001	.0052	.0036
%RSD	7.088	1.096	2.879	22.20	8.749
#1	.0041	.0039	.0041	.0198	.0409
#2	.0045	.0039	.0043	.0272	.0460
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: LLICV Acquired 6/12/2021 8:22:48 Type: QC

Method: 2021A 6010 ICP03(v58) Mode: CONC Corr Factor: 1.000000

User: admin Dilution: 1 Test Type: Sample Type:

Comment: ICP18-81-A 0.5/50ML

Int Std	Y 2243	Y 3600	Y 3600-7
Units	Cts/S	Cts/S	Cts/S
Avg	44528	69324	47048
Stddev	37	305	466
%RSD	08382	43978	1.1081
#1	44555	69540	47457
#2	44502	69109	46416

Sample Name: LLICV,0.5 Acquired: 6/12/2021 8:25:15 Type: QC
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment: ICP19-81-A 1/50mL

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cu2144	Cr2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0206	.0209	.0415	.0229	.0080	.00197	.0395	.0021	.0020
Stdev	.0002	.0001	.0023	.0001	.0002	.00004	.0008	.0000	.0001
%RSD	1.098	.4839	5.481	.3702	2.725	2.2012	2.145	1.815	5.634
#1	.0208	.0208	.0399	.0229	.0078	.00201	.0389	.0022	.0021
#2	.0204	.0210	.0431	.0228	.0082	.00194	.0401	.0021	.0020
Check Value Range	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass

Elem	Co3158	Co3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0318	.0418	.0087	.0042	.0073	.0095	.0392	.0183	.0445
Stdev	.0016	.0002	.0002	.0004	.0001	.0017	.0037	.0002	.0022
%RSD	4.903	.4236	2.158	10.34	1.898	18.04	9.486	1.326	4.899
#1	.0307	.0416	.0089	.0039	.0074	.0083	.0418	.0185	.0460
#2	.0329	.0419	.0085	.0045	.0072	.0107	.0366	.0182	.0429
Check Value Range	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass

Elem	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020	Ni2216	P 1782	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0236	.0107	.0116	.00193	.0042	.0087	.0080	.0820	.4218
Stdev	.0317	.0001	.0011	.00003	.0007	.0000	.0001	.0007	.0038
%RSD	134.5	.8920	9.509	1.6595	17.13	.2271	1.834	.8525	.8948
#1	-.0460	.0108	.0108	.00191	.0047	.0087	.0081	.0825	.4191
#2	.0012	.0107	.0124	.00195	.0037	.0087	.0079	.0815	.4245
Check Value Range	None	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass

Sample Name LLICV 0.5 Acquired 5/12/2021 8:25:15 Type QC
Method: 2021A 6010 ICP03(v58) Mode CONC Corr Factor 1.000000
User admin Dilution 1 Test Type. Sample Type
Comment ICP19-81-A 1:50mL

Elem	Se1960	Si2516	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361	V 2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0443	4033	.0073	4596	.00257	0232	.0396	.0043	0086
Stddev	0037	0040	0009	.0222	00005	0007	0002	0001	0006
%RSD	8.355	9846	12.24	4.830	2.0960	2.827	4790	2.655	6.871
#1	0417	4005	0067	4439	00261	0237	0395	0042	0082
#2	0469	4061	0080	4753	00254	0227	0397	0044	0090
Check ? Value Range	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass

Elem	Zn2062	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm
Avg	0083	0083	.0446	.0859
Stddev	0000	0001	0015	0013
%RSD	.0887	1.444	3.317	1.526
#1	0083	0084	0435	0850
#2	0083	0082	0456	0868
Check ? Value Range	Chk Pass	Chk Pass	Chk Pass	Chk Pass

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4463.5	68688.	4180.0
Stddev	7	145	18.0
%RSD	.01597	.21168	.43052
#1	4464.0	68791	4182.8
#2	4463.0	68586	4167.3

Sample Name CCVB1 Acquired 6/12/2021 8:27:42 Type: QC
Method 2021A 6010 ICP03(v58) Mode: CONC Corr Factor 1.000000
User: admin ID Number 1 Test Type Sample Type
Comment

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.113	10.70	-.0028	1.052	10.33	-.00015	-.0014	.0000
Stddev	.103	.02	.0025	.006	.03	.00011	.0011	.000
%RSD	1.272	2194	89.13	5802	3197	75.263	79.89	300.7
#1	8.186	10.72	-.0010	1.056	10.35	-.00007	.0006	.0000
#2	8.040	10.69	-.0046	1.047	10.31	-.00022	-.0022	-.0001
Check ?	None	Chk Pass	None	Chk Pass	Chk Pass	None	None	None
Value								
Range								

Elem	Ca2265	Ca3158	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	10.52	10.10	.0001	.0001	.0004	-.0002	10.42
Stddev	.0001	.05	.03	.0005	.0000	.0007	.0007	.09
%RSD	14.46	4483	.3090	570.4	10.30	167.2	395.5	8550
#1	.0008	10.55	10.08	-.0003	.0001	.0001	.0003	10.48
#2	.0007	10.49	10.13	.0005	.0001	.0009	-.0006	10.35
Check ?	None	Chk Pass	None	None	None	None	None	Chk Pass
Value								
Range								

Elem	Pb2203	Li6707	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023	1.038	10.28	10.14	10.31	1.0029	1.026	-.0001
Stddev	.0004	.002	.01	.09	.04	.0042	.001	.0001
%RSD	18.64	.2092	.1229	.7639	.3639	.42153	.1229	148.3
#1	.0026	1.038	10.29	10.20	10.33	1.0059	1.027	-.0001
#2	.0020	1.035	10.27	10.09	10.28	.99992	1.025	.0000
Check ?	None	Chk Pass	Chk Pass	None	Chk Pass	None	Chk Pass	None
Value								
Range								

Sample Name: CCVB1 Acquired: 6/12/2021 8:27:42 Type: QC
Method: 2021A 601D ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Ni2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041	10.39	9.982	.0009	10.03	-.0006	10.23	1.0504
Stddev	.0004	.06	.109	.0014	.05	.0001	.06	.0057
%RSD	10.48	5535	1.088	158.8	4739	18.44	6235	54392
#1	.0038	10.43	9.905	-.0001	10.06	-.0007	10.28	1.0544
#2	.0044	10.35	10.06	.0019	9.997	-.0005	10.18	1.0463
Check ?	None	Chk Pass	Chk Pass	None	Chk Pass	None	Chk Pass	Chk Pass
Value Range								

Elem	Tl1908	Sn1899	Ti3351	V 2924	Zn2062	Zn2138	B 2250	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025	.0001	.0001	.0012	.0007	.0004	1.063	1.045
Stddev	.0008	.0001	.0004	.0000	.0003	.0001	.009	.008
%RSD	33.65	166.0	552.5	3.535	158.3	13.37	8.064	8.045
#1	.0030	.0000	.0001	.0013	.0004	.0005	1.069	1.051
#2	.0019	.0001	-.0002	.0012	.0006	.0004	1.057	1.039
Check ?	None	None	None	None	None	None	Chk Pass	Chk Pass
Value Range								

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	44185	67712	41359
Stddev	86	8	165
%RSD	19528	01118	39911
#1	44124	67717	41243
#2	44245	67707	41476

Sample Name: CCVA1 Acquired: 6/12/2021 8:30:11 Type: QC
Method: 2021A 6010 ICP03(v58) Meas. CONC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type Sample Type
Comment:

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2571	2830	.2552	2605	2533	25228	.2529	.2534	.2536
Stddev	.0013	0004	0025	0034	0013	00104	0022	0011	0009
%RSD	4896	1411	1.005	1.298	1955	4.078	8508	4219	3379
#1	2580	2827	.2571	2629	2542	25302	2544	2541	2542
#2	2562	2832	2534	2581	2524	25155	2514	2526	2530
Check ?	Chk Pass	None	Chk Pass	None	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value Range									

Elem	Ca3158	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Fe2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5243	5041	.2546	.2520	.2522	.2559	.2510	2533	0050
Stddev	0183	0005	0006	0018	0008	0007	0009	.0004	0032
%RSD	3.500	0921	2436	.6999	.3069	2814	3544	1503	63.36
#1	5372	5038	2550	2533	2527	2564	2516	2531	0072
#2	5113	5044	254[illegible]	2508	2516	2554	2503	2536	0027
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	None
Value Range									

Elem	Mg2790	Mg2795	Mg2852	Mn2576	Mn2606	Mo2020	Ni2216	P 1782	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2915	.2523	.2670	.25480	.2496	.2527	.2513	-.0008	2.568
Stddev	0008	0002	0001	00049	0004	0013	.0012	.0005	049
%RSD	.2669	.0702	.0505	.19187	1534	5057	4829	66.31	1.905
#1	2920	2522	2669	25515	2494	2536	2522	-.0004	2.531
#2	2909	2524	2671	25445	2499	2518	2505	0011	2.603
Check ?	None	Chk Pass	None	Chk Pass	None	Chk Pass	Chk Pass	None	None
Value Range									

Sample Name CCVA1 Acquired 6/12/2021 8.30.11 Type: CC
Method 2021A 6010 (CP03(v58)) Mode: CONC Conv Factor : 000000
User: admin Dilution 1 Test Type Sample Type
Comment.

Elem	Se1960	Si2516	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361	V 2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2521	1024	.2540	.2566	.00037	2539	2532	2563	.2550
Stddev	.0020	0062	0004	0024	.00032	0020	0012	0005	0007
%RSD	8038	5.072	142[illegible]	.9337	87.145	8071	4722	1957	2562
#1	2535	0987	2543	.2582	.00014	2553	2541	2560	2545
#2	2506	1060	2538	2549	00059	2524	2524	2567	2555
Check ?	Chk Pass	None	Chk Pass	None	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Zn2062	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm
Avg	.2507	2538	0008	.0006
Stddev	0013	.0008	0035	0017
%RSD	.5083	3336	449.1	305.5
#1	2516	2544	0032	-.0006
#2	2498	2532	-.0017	0017
Check ?	Chk Pass	Chk Pass	None	None
Value				
Range				

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4442.7	69170.	4227.6
Stddev	9.1	130	12.2
%RSD	20415	18732	.28753
#1	4435.3	69262	4219.0
#2	4449.1	69078	4236.2

Sample Name: CCB Acquired: 6/12/2021 8:32:28 Type: QC
Method: 2021A 6010 ICPD3(v58) Mode: CONC Corr. Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	-.0021	-.0022	.0006	-.0005	.00003	.0000	.0000
Stddev	.0001	.0014	.0015	.0007	.0001	.00001	.0012	.000
%RSD	17.75	66.00	67.57	124.3	24.39	46.686	14400	27.15
#1	.0004	-.0030	-.0033	.0001	-.0006	.00004	-.0008	.0000
#2	.0003	.0011	.0012	.0011	-.0004	.00002	.0008	.0000
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Ca2265	Ce3158	Co3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0149	.0002	-.0002	-.0003	-.0009	-.0003	-.0096
Stddev	.0000	.0063	.0002	.0008	.0002	.0008	.0004	.0020
%RSD	596.5	42.50	77.63	520.3	81.28	87.53	128.9	20.42
#1	.0000	.0194	.0004	.0004	-.0005	-.0003	.0000	-.0110
#2	.0000	.0194	.0001	-.0008	-.0001	-.0015	-.0006	.0082
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Pb2203	Li6707	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0013	.0003	-.0029	.0002	.0037	-.00008	.0002	.0006
Stddev	.0016	.0040	.0145	.0001	.0030	.00006	.0022	.0002
%RSD	121.7	1167	498.2	56.08	80.68	77.170	934.7	32.69
#1	-.0002	-.0025	.0074	.0002	.0059	.00004	.0018	.0005
#2	-.0024	.0032	-.0132	.0001	.0016	-.00012	-.0013	.0007
Check ?	Chk Pass	Chk Pass	None	Chk Pass	None	Chk Pass	None	Chk Pass
High Limit								
Low Limit								

Sample Name: CCB Acquired: 6/12/2021 8:32:28 Type: QC
Method: 2021A 6010 ICP03(vS8) Mode: CCNC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Ni2216	P 1782	K 7664	Sc1960	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	-.0020	.0856	.0008	-.0236	-.0001	.0055	.00035
Stddev	.0004	.0026	.0973	.0014	.0076	.0007	.0159	.00002
%RSD	147.9	129.2	113.6	147.8	32.20	559.0	290.1	5.5465
#1	.0000	.0035	.0169	.0000	-.0183	-.0006	-.0058	.00036
#2	-.0005	-.0002	.1544	.0019	-.0290	.0004	.0167	.00033
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Ti1908	Sn1899	Tl 3365	V 2924	Zn2062	Zr2138	B 2230	Sb 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021	.0005	.0003	.0000	-.0002	.0000	.0018	.0012
Stddev	.0001	.0001	.0002	.0000	.0000	.0000	.0029	.0033
%RSD	6.377	18.69	1[illegible]	146.2	8.095	568.4	162.6	282.1
#1	.0021	.0004	.0005	.0000	-.0002	.0001	.0038	-.0012
#2	.0020	.0006	.0001	.0000	.0002	-.0001	-.0003	.0036
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cps/S	Cps/S	Cps/S
Avg	4428.4	68572	4223.7
Stddev	1.0	308	25.0
%RSD	.02317	.44903	.61442
#1	4427.6	68355	4205.3
#2	4429.1	68752	4242.0

Sample Name: ICSA Acquired: 6/12/2021 8:34:57 Type: QC
Method: 2021A 601D ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment: ICP19.68 B

Elem	Al1670	Al3944	Sb2068	As1890	Ba1554	Be2348	B 2496	Cd2144
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.07	436.7	.0148	-.0084	-.0001	-.00055	-.0280	-.0006
Stdev	.20	3.3	.0007	.0010	.0005	.00028	.0012	.0000
%RSD	7.540	7.604	4.739	11.49	542.5	51.234	4.454	.0310
#1	25.93	439.0	.0144	-.0091	.0003	-.00075	.0271	-.0006
#2	26.21	434.3	.0154	-.0077	-.0005	-.00035	-.0289	-.0006
Check ?	None	None	None	None	None	None	None	None
Value								
Range								

Elem	Cd2265	Ca3158	Ca3933	Cr2677	Co2307	Cr2247	Cu3273	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119	494.9	*****	.0022	-.0013	.0088	-.0042	191.5
Stdev	.0006	1	-----	.0020	.0000	.0000	.0011	.4
%RSD	4.667	.0163	-----	91.41	3.656	40.13	26.29	.1857
#1	.0123	494.9	-----	.0037	-.0013	.0089	.0050	191.7
#2	.0115	495.0	-----	.0008	-.0013	.0088	-.0031	191.2
Check ?	None	Chk Pass	None	None	None	None	None	Chk Pass
Value								
Range								

Elem	Pb2203	Li6707	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0054	.0020	499.1	240.3	461.7	-.00246	.0169	.0000
Stdev	.0001	.0020	.5	1.1	3.8	.00005	.0000	.0005
%RSD	2.631	98.68	.0934	1.716	.8312	1.9893	.0056	.9004
#1	-.0055	.0035	498.7	241.1	464.4	-.00250	.0169	.0003
#2	-.0053	.0006	499.4	239.5	459.0	-.00243	.0169	-.0003
Check ?	None	None	Chk Pass	None	None	None	None	None
Value								
Range								

Sample Name ICSA Acquired 6/12/2021 8:34:57 Type QC
Method 2021A 6010 ICP03(v58) Mode CONC Corr. Factor 1.000000
User admin Dilution 1 Test Type Sample Type
Comment ICP19-68-B

Elem	Ni2215	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027	0016	-.0883	0050	-.0258	-.0015	.0254	.00506
Stddev	0003	0018	0038	.0042	0171	0005	0264	00013
%RSD	10.30	112.9	4.291	84.29	66.45	31.56	103.8	2.6373
#1	0028	0003	-.0857	0020	-.0379	-.0012	0067	00497
#2	0025	0026	-.0910	0080	-.0137	-.0018	0440	00515
Check ?	None	None	None	None	None	None	None	None
Value								
Range								

Elem	Tl1908	Sn1899	Ti3361	V 2924	Zr2062	Zn2139	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	0068	0023	-.0013	.0024	.0003	-.0018	.0175	.0271
Stddev	.0004	0000	0002	0004	0003	0002	0051	0029
%RSD	5.684	1.519	18.17	16.15	102.4	10.49	29.05	10.82
#1	0068	0023	-.0012	0027	0001	0017	0211	0292
#2	0063	0023	-.0015	0021	0006	-.0020	0139	0250
Check ?	None	None	None	None	None	None	None	None
Value								
Range								

Int Std	Y 2243	Y 3600	Y 3600.2
Units	Cts/S	Cts/S	Cts/S
Avg	39966.6	60846	4092.5
Stddev	16.5	818	10.3
%RSD	.41709	1.3441	25.163
#1	39783	60268	4085.2
#2	39549	61424	4099.7

Sample Name !CSAB Acquired 8/12/2021 8:37:37 Type: QC
Method: 202 IA 6010 ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment: .CP19-82-B

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.12	431.2	.9167	-.0090	.4950	.46450	-.0277	.9014	.9130
Stddev	.07	3.6	.0020	.0008	.0019	.00012	.0018	.0077	.0090
%RSD	.2600	.8305	.2128	8.507	.3920	.02594	6.466	.7964	.9877
#1	26.17	433.7	.9154	-.0096	.4963	.46459	.0264	.9065	.9154
#2	26.07	429.7	.9181	-.0085	.4936	.46442	-.0290	.8964	.9066
Check ?	None	None	Chk Pass	None	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass
Value									
Range									

Elem	Ca3158	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	492.0	*****	.4910	.4384	.4520	.4377	189.4	.8951	.0033
Stddev	3.6	-----	.0024	.0028	.0041	.0018	1.2	.0077	.0022
%RSD	.7292	-----	.4943	.6327	.9039	.4009	.6478	.8516	66.49
#1	494.5	-----	.4927	.4404	.4549	.4365	190.2	.9006	.0017
#2	489.5	-----	.4892	.4364	.4491	.4390	188.5	.8897	.0048
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None
Value									
Range									

Elem	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020	Ni2216	P 1782	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	494.3	238.2	454.5	.47722	.5359	-.0002	.8718	-.0005	-.1278
Stddev	3.5	5	.7	.00174	.0004	.0010	.0109	.0044	.0115
%RSD	.7148	.2201	.1435	.26024	1.185	521.9	1.248	970.0	8.975
#1	496.8	237.8	454.9	.47634	.5404	.0005	.8795	.0027	-.1197
#2	491.8	238.5	454.0	.47810	.5314	-.0009	.8641	.0035	-.1359
Check ?	Chk Pass	None	None	Chk Pass	Chk Pass	None	Chk Pass	None	None
Value									
Range									

Sample Name: ICSAB Acquired: 6/12/2021 8:37:37 Type: QC
Method: 2021A 601D ICP03(vSB) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment: ICP19.82-B

Elem	Sc1960	Si2516	Ag3280	Na5895	Sr4077	Ti1908	Sm1899	Ti3361	V 2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041	-.0078	.9039	.0224	.00484	.0050	.0006	-.0010	.5109
Stdev	.0060	.0236	.0030	.0009	.00003	.0033	.0006	.0002	.0013
%RSD	146.0	303.6	3.313	44.19	6.4194	64.57	101.9	21.24	.2616
#1	-.0001	-.0744	.9018	.0204	.00482	.0027	.0002	-.0012	.5119
#2	.0084	.0089	.9060	.0154	.00487	.0073	.0010	-.0009	.5100
Check ?	None	None	Chk Pass	None	None	None	None	None	Chk Pass
Value									
Range									

Elem	Zn2062	Zn2138	B 2230	S 1820
Units	ppm	ppm	ppm	ppm
Avg	.8973	.8502	.0194	.0230
Stdev	.0095	.0146	.0004	.0057
%RSD	1.075	1.719	2.121	24.91
#1	.8941	.8606	.0191	.0271
#2	.8906	.8399	.0197	.0190
Check ?	Chk Pass	Chk Pass	None	None
Value				
Range				

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cps/S	Cps/S	Cps/S
Avg	3984.3	60741	4097.2
Stdev	20.3	185	10.0
%RSD	.51032	.30682	.24321
#1	3998.7	60609	4090.1
#2	3970.0	60872	4104.2

Sample Name LLICV-TCLP Acquired 6/12/2021 9:21:53 Type QC
Method 2021A 6010 ICP03(v58) Mode CONC Corr. Factor 1.000000
User admin Dilution 1 Test Type Sample Type
Comment ICP19-83-A 0.2/10mL

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Ca2144
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	-.0019	.0008	.0013	.2093	-.00012	-.0033	.0001
Stddev	.0003	.0022	.0005	.0014	.0005	.00007	.0006	.0001
%RSD	49.83	115.0	71.06	112.6	2.612	60.510	16.95	146.8
#1	.0008	.0034	.0013	.0023	2.089	-.00007	-.0037	.0000
#2	.0004	-.0004	.0004	.0003	2.096	-.00017	.0029	.0001
Check ?	None	None	None	None	Crit Pass	None	None	None
Value								
Range								

Elem	Cd2265	Ca3158	Co3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0052	.0020	.0012	-.0003	.0001	.0021	.0044
Stddev	.0001	.0081	.0000	.0005	.0002	.0010	.0008	.0013
%RSD	227.5	157.0	.1494	45.22	78.66	741.0	38.28	30.32
#1	.0001	.0006	.0020	.0016	-.0001	.0008	.0015	.0035
#2	.0000	.0109	.0020	.0008	.0004	.0006	.0026	.0054
Check ?	None	None	None	None	None	None	None	None
Value								
Range								

Elem	Pb2203	Li6707	Mg2790	Mg2795	Mg2852	Mn2576	Mn2606	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0011	.0007	-.0424	.0001	.0016	-.00006	.0013	-.0002
Stddev	.0018	.0007	.0483	.0000	.0035	.00010	.0015	.0003
%RSD	166.7	101.4	114.0	31.46	223.6	161.28	114.6	221.0
#1	.0023	.0012	-.0765	.0001	-.0009	.00001	.0024	.0001
#2	.0002	.0002	-.0082	.0001	.0040	-.00014	.0002	-.0004
Check ?	None	None	None	None	None	None	None	None
Value								
Range								

Sample Name: LLICV-TCLP Acquired: 6/12/2021 9:21:53 Type: QC
Method: 2021A 6010 ICP03(v58) Mode: CONC Conf Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment: ICP19-B3-A 0.2/10mL

Elem	Ni2216	P 1782	K 7664	Se1960	S 2516	Ag3280	Mo5805	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	-.0014	-.0495	-.0009	-.0423	-.0003	-.0087	.00020
Stddev	.0000	.0021	.0186	.0022	.0281	.0002	.0027	.00016
%RSD	21.58	147.9	37.56	237.3	66.41	65.16	31.30	79.835
#1	.0001	-.0029	-.0364	-.0025	-.0225	.0004	-.0106	.00009
#2	.0001	.0001	-.0626	.0006	-.0622	-.0001	-.0068	.00032
Check Value Range	None	None	None	None	None	None	None	None

Elem	Tl1908	Sn1899	Ti3361	V 2924	Zn2062	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022	-.0001	-.0004	-.0003	.2086	.2092	.0014	.0031
Stddev	.0007	.0005	.0001	.0001	.0019	.0013	.0035	.0007
%RSD	32.47	796.0	25.14	23.98	.9239	.6089	263.4	22.66
#1	.0017	.0003	.0005	.0003	.2100	.2101	-.0012	.0026
#2	.0027	-.0004	-.0003	-.0002	.2072	.2083	.0039	.0036
Check Value Range	None	None	None	None	Chk Pass	Chk Pass	None	None

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4441.0	68776.	4231.0
Stddev	10.3	814	2.1
%RSD	.23154	1.1830	.04930
#1	4448.3	69351	4229.0
#2	4433.7	68200	4232.5

Sample Name KQ2110361 01 Acquired 6/12/2021 9:37:03 Type Unk
Method 2021A 6010 ICP03(v58) Mode CONC Corr Factor 1.000000
User admin Dilution 5 Test Type. E Sample Type
Comment AM 061221A 1/5 E K2106163-MB

Elem	Al167D	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193	-.0017	-.0015	.0004	-.00007	.0262	.0000	.0000
#1	.0193	-.0016	-.0020	.0004	-.00009	.0253	-.0001	.0002
#2	.0193	.0019	.0010	.0003	-.00005	.0272	.0000	.0001

Elem	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3146	.0003	.0001	.0003	-.0008	-.0014	-.0010	-.0025
#1	3149	.0001	-.0002	.0009	-.0003	.0013	-.0015	-.0040
#2	3142	.0005	.0004	-.0003	-.0016	-.0040	-.0004	.0010

Elem	Mg2795	Mn2576	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0258	.00001	-.0001	.0005	.0002	.0131	.0002	-.0136
#1	.0257	-.00009	-.0002	.0007	.0013	.0020	.0014	-.0197
#2	.0259	.00011	-.0001	.0003	.0010	.0242	-.0010	-.0076

Elem	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361	V 2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0004	283.8	.00082	.0021	.0013	-.0010	-.0001	.0007
#1	.0008	284.1	.00089	.0021	.0008	-.0012	.0005	.0007
#2	.0016	283.6	.00076	.0020	.0018	-.0009	.0003	.0007

Elem	Zn2138	B 2230	S 1820
Units	ppm	ppm	ppm
Avg	.0010	.0014	.4004
#1	.0010	.0024	.3983
#2	.0010	.0003	.4026

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4403.3	65521.	4219.9
#1	4383.5	65429.	4217.0
#2	4423.1	65613.	4222.9

Sample Name: KQ2110564-01 Acquired: 6/12/2021 9:39:36 Type: Unk
Method: 2021A 6010 ICP03(v581) Mode: CCMC Con. Factor: 1.000000
User: admin Dilution: 5 Test Type: E Sample Type:
Comment: AM 061221A 1/5 E K2106163-LCSE

Elem	Al1670	Sb2068	As1890	Ba4554	Be2348	B 2496	Ca2144	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0332	.0036	.9445	1.900	-.00004	.0014	.1839	.1798
#1	.0338	.0053	.9641	1.839	-.00004	.0022	.1877	.1839
#2	.0325	.0019	.9250	1.960	-.00003	.0007	.1801	.1757

Elem	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0686	.9816	-.0001	.1763	.1827	.0193	.9058	-.0023
#1	.0662	.9909	.0002	.1799	.1853	.0228	.9250	.0002
#2	.0709	.9722	-.0004	.1728	.1800	.0158	.8866	-.0048

Elem	Mg2795	Mn2576	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026	.00024	.0002	.1769	.0007	.0162	.1848	-.0344
#1	.0025	.00018	.0003	.1805	.0037	-.0074	.1898	-.0337
#2	.0027	.00030	.0001	.1734	-.0016	.0399	.1797	-.0351

Elem	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361	V 2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1902	285.6	.00095	.0030	.0007	-.0013	-.0015	1.845
#1	.1923	279.7	.00093	.0036	.0003	-.0015	-.0012	1.886
#2	.1881	291.4	.00078	.0024	.0010	-.0011	-.0019	1.804

Elem	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm
Avg	1.805	-.0003	.0005
#1	1.844	.0013	.0006
#2	1.766	-.0019	.0003

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4411.1	67274.	4414.8
#1	4412.1	66960	4450.6
#2	4410.1	67588	4379.0

Sample Name: K2106163-001 Acquired: 6/12/2021 9:42:02 Type: Unk
Method: 2021A 6010 ICP03|v581 Mode: CCNC Corr Factor: 1.000000
User: admin Dilution: 5 Test Type: E Sample Type:
Comment: AM 061221A 1/5 E

Elem	Al1670	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Ca2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2392	-.0025	.0265	.0698	-.00002	.0296	.0005	.0005
#1	2440	-.0042	.0284	.0702	-.00004	.0293	.0005	.0007
#2	2324	-.0008	.0247	.0694	.00000	.0289	.0005	.0003

Elem	Ca3158	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.02	.0004	.0009	.0067	.0068	.0152	-.0002	.0073
#1	18.07	.0010	.0009	.0062	.0073	.0176	-.0011	.0073
#2	17.96	-.0002	.0009	.0071	.0064	.0128	.0007	.0074

Elem	Mg2795	Mn2576	Mo2020	Ni2216	P 1782	K 7664	Se1960	S 2516
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.977	31623	.0197	.0086	1.789	1.157	.0020	1.080
#1	1.982	31602	.0200	.0086	1.823	1.158	.0049	1.087
#2	1.973	31643	.0194	.0085	1.755	1.157	-.0009	1.074

Elem	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361	V 2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0008	299.9	.06620	.0021	.0006	-.0014	.0021	.1118
#1	-.0001	298.7	.06635	.0019	.0003	.0013	.0020	.1146
#2	-.0014	301.1	.06606	.0022	.0009	-.0015	.0022	.1090

Elem	Zr2138	Bi2230	S 1820
Units	ppm	ppm	ppm
Avg	.1116	.0033	5.586
#1	.1144	.0019	5.725
#2	.1088	.0047	5.447

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	44516	67761	43753
#1	44507	67784	43709
#2	44525	67737	43798

Sample Name: KQ2110564-02 Acquired: 5/12/2021 9:44:36 Type: Unk
Method: 2021.A 6010 ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 5 Test Type: E Sample Type:
Comment: AM 051221 A 1:5 E KQ2106163-001D

Elem	Al1670	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Cd2265	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2309	-.0017	.0226	.0690	.00002	.0262	.0005	.0004	17.92
#1	.2352	-.0017	.0235	.0668	.00000	.0256	.0005	.0004	17.35
#2	.2266	-.0017	.0216	.0712	.00005	.0268	.0005	.0003	18.49

Elem	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707	Mg2795	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0012	.0067	.0062	.0140	.0008	.0099	1.956	.32669
#1	.0000	.0013	.0071	.0072	.0068	.0005	.0101	1.892	.32991
#2	.0002	.0011	.0064	.0051	.0182	.0011	.0097	2.020	.32347

Elem	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0205	.0095	.1835	1.111	.0010	1.114	-.0007	304.5	.06581
#1	.0210	.0098	.1887	1.087	-.0019	1.111	.0003	294.9	.06337
#2	.0200	.0092	.1782	1.135	.0038	1.117	-.0017	314.1	.06825

Elem	Tl1908	Sn1899	Ti3361	V 2924	Zn2062	Zr2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028	.0002	-.0013	.0031	.1158	.1168	-.0013	5.869
#1	.0029	.0001	.0007	.0030	.1183	.1195	-.0039	6.017
#2	.0026	.0003	-.0018	.0033	.1134	.1142	.0013	5.721

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4479.1	68359	4507.7
#1	4490.8	67530	4565.0
#2	4467.4	69087	4450.3

Sample Name: KQ2110564-03 Acquired 6/12/2021 9:47:10 Type: Unk
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 5 Test Type: E Sample Type:
Comment: AM 061221A 1/5 E K2106563-001S

Elem	Al1670	Sb2068	As1890	Ba4554	Be2348	B 2496	Ca2144	Cd2265	Ce3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2150	.0057	.9617	1.572	.00001	.0254	.1794	.1757	14.24
#1	2212	0072	.9975	1.336	.00005	.0254	1854	1817	[illegible]
#2	2088	0042	9259	1.807	00006	.0254	1733	1702	16.31

Elem	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707	Mg2795	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9453	.0019	.1796	.1881	.0101	.8790	0101	1.554	31622
#1	9212	0019	1850	1845	0095	0108	0100	1329	30822
#2	9693	0018	1742	1917	0107	8471	0102	1.770	32423

Elem	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	0201	1809	.1824	1.003	.1797	.9902	.1874	266.1	.05114
#1	0206	1860	1885	.8534	1858	8995	1845	244.6	04357
#2	0197	1758	1763	1.152	1736	1.081	1902	287.7	05878

Elem	Tl1908	Sn1899	Ti3361	V 2924	Zn2062	Zn2138	B 2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022	.0009	-.0010	0008	1.914	1.906	.0002	5.870
#1	0004	.0002	0006	0003	1.975	1.972	-.0021	5.928
#2	0040	.0017	-.0013	0013	1.853	1.840	.0025	5.412

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cps/S	Cps/S	Cps/S
Avg	4432.2	69240	4958.1
#1	4452.2	70070	5235.9
#2	4412.3	68404	4680.3

Sample Name: K2106163-001A Acquired: 6/12/2021 9:49:36 Type: Unk
Method: 2021 A 6010 ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 5 Test Type: E Sample Type:
Comment: AM-D51221A 1:5 E A=0.1/10 MET4-9-F

Elem	Al1670	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2566	.0412	5.201	10.25	-.00002	.0275	.9707	.9534
#1	.2587	.0368	5.203	10.28	.00003	.0272	.9767	.9618
#2	.2545	.0456	5.199	10.22	-.00005	.0278	.9647	.9450

Elem	Ca3158	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.98	4.975	.0013	.9581	.9577	.0159	4.813	.0086
#1	17.99	4.987	.0012	.9643	.9542	.0261	4.833	.0089
#2	17.98	4.963	.0014	.9519	.9612	.0056	4.792	.0083

Elem	Mg2795	Mn2576	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.965	.31931	.0214	.9564	.1941	1.174	.9883	1.084
#1	1.965	.31820	.0217	.9626	.1957	1.149	.9960	1.105
#2	1.965	.32043	.0212	.9501	.1925	1.198	.9806	1.062

Elem	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361	V 2924	Zr2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9784	305.8	.06631	.0025	.0001	-.0014	-.0048	.9862
#1	.9729	306.2	.06642	.0016	.0007	-.0015	-.0045	.9918
#2	.9838	305.3	.06621	.0034	-.0005	-.0012	.0051	.9806

Elem	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm
Avg	>4.500	.0018	5.966
#1	9.789	.0028	5.955
#2	9.729	.0008	5.978

Int. Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	44331	69046	44336
#1	44167	69137	44555
#2	44500	68955	44107

Sample Name: K2106163-002 Acquired: 6/12/2021 9:52:03 Type: Unk
Method: 2021A 601D ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 5 Test Type: E Sample Type:
Comment: AM 061221A 1/5 E

Elem	Al1670	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Ca2265	Cu3153
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1876	-.0019	.0210	.0761	.00000	.0491	.0005	.0005	27.48
#1	.1904	.0045	.0231	.0772	-.00005	.0493	.0005	.0004	27.77
#2	.1848	.0007	.0190	.0750	.00004	.0489	.0004	.0005	27.18

Elem	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707	Mg2795	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	.0013	.0068	.0067	.0170	.0001	.0091	1.985	.38927
#1	.0007	.0016	.0067	.0065	.0214	.0009	.0092	2.007	.38929
#2	.0000	.0010	.0068	.0068	.0126	-.0007	.0090	1.962	.38926

Elem	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0173	.0076	.1368	1.244	.0032	1.110	.0002	311.9	.07152
#1	.0177	.0079	.1406	1.204	.0033	1.095	.0008	313.7	.07231
#2	.0168	.0072	.1330	1.283	.0030	1.124	-.0004	310.1	.07073

Elem	Tl1908	Sn1899	Ti3361	V 2924	Zn2062	Zr2139	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031	.0007	-.0012	.0025	.0929	.0957	.0000	5.849
#1	.0040	-.0001	-.0015	.0024	.0943	.0975	.0006	5.942
#2	.0022	.0014	.0009	.0025	.0916	.0938	-.0005	5.755

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4526.7	69585	4513.0
#1	4526.7	69523	4481.7
#2	4524.5	69647	4544.3

Sample Name: K2106220-001 Acquired: 6/12/2021 9:54:40 Type: Unk
Method: 2021A 6010 ICP03(v58) Mode: CCNC Corr Factor: 1.000000
User: admin Dilution: 5 Test Type: E Sample Type:
Comment: AM 061221A 175 E

Elem	Al1670	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Ca2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	0698	-.0010	-.0014	.0860	-.00004	.0311	.0011	.0012
#1	0711	0001	-.0022	0854	00000	0320	0017	0011
#2	0684	-.0021	-.0006	0865	-.00009	0301	0016	0012

Elem	Ca3158	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.66	.0001	.0083	.0175	.0160	.0541	0008	.0011
#1	14.52	0005	0084	0177	0148	0547	0006	0017
#2	14.81	-.0002	0083	0174	0172	0536	0011	0005

Elem	Mg2795	Mn2576	Mo2020	Ni2216	P 1782	K 7664	Se1960	S 2516
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.917	.79824	0002	0065	0062	.8446	-.0013	.9548
#1	3.883	.79435	0003	0054	0055	8510	0030	9640
#2	3.951	80213	0000	0066	0069	8382	0004	9456

Elem	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361	V 2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	304.3	.04737	.0021	.0008	-.0009	0000	6439
#1	0000	306.9	04729	0025	0003	-.0011	-.0001	6521
#2	.0008	301.7	04744	0017	.0013	-.0007	0001	6357

Elem	Zr2138	Bi2230	S 1820
Units	ppm	ppm	ppm
Avg	.6497	-.0016	.4925
#1	6542	-.0017	4952
#2	6452	-.0015	4898

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4493.7	70075	4565.8
#1	4472.8	70332	4537.7
#2	4514.6	69819	4493.9

Sample Name: K2106457-001 Acquired: 6/12/2021 9:57:15 Type: Unk
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 5 Test Type: C Sample Type:
Comment: AM 061221A 1:5 E

Elem	Al1670	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0319	-.0014	.0056	.0710	-.00018	.0357	.0012	.0011
#1	.0324	.0004	.0053	.0704	-.00018	.0352	.0012	.0012
#2	.0313	-.0032	.0056	.0716	-.00017	.0362	.0012	.0011

Elem	Ca3158	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	88.66	.0006	.0026	.0326	.0333	.0314	.0041	.0035
#1	88.27	.0005	.0022	.0329	.0339	.0253	.0039	.0041
#2	89.05	.0007	.0030	.0322	.0328	.0375	.0042	.0028

Elem	Mg2795	Mn2576	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.878	28824	.0009	.0129	.8120	2.497	.0018	.6505
#1	5.855	28962	.0008	.0129	.8214	2.502	.0025	.6514
#2	5.901	28687	.0009	.0128	.8026	2.491	.0010	.6496

Elem	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361	V 2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0011	324.5	.14380	.0025	.0012	-.0005	.0008	.3541
#1	-.0013	325.4	.14294	.0030	.0011	-.0002	.0004	.3582
#2	-.0009	323.7	.14465	.0014	.0013	.0008	.0012	.3500

Elem	Zn2138	B 2230	S 1820
Units	ppm	ppm	ppm
Avg	.3642	.0031	7.157
#1	.3677	.0041	7.194
#2	.3607	.0020	7.120

Int Std	Y 2243	Y 3600	Y 3000.2
Units	Cps/S	Cps/S	Cps/S
Avg	4503.2	60868	4597.1
#1	4535.7	60758	4641.1
#2	4510.6	60977	4553.1

Sample Name: KO2110327-01 Acquired: 6/12/2021 9:59:46 Type: Unk
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 5 Test Type: E Sample Type:
Comment: AM 061221A 1/5 E K21058/9-MB

Elem	Al1670	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1478	-.0020	.0003	.0172	-.00002	-.0005	.0000
#1	1517	-.0058	.0011	.0164	-.00001	-.0007	.0000
#2	1439	.0018	.0004	.0179	-.00002	-.0003	.0000

Elem	Cd2265	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.9303	.0011	-.0001	.0071	.0070	.0967
#1	.0000	.8565	.0009	.0002	.0078	.0055	.0950
#2	.0001	.9640	.0013	-.0005	.0064	.0085	.0985

Elem	Pb2203	Li6707	Mg2795	Mn2576	Mo2020	Ni2216	P 1782
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008	.0008	.0626	F .00196	.0002	.0008	.1825
#1	.0015	.0014	.0607	.00193	.0007	.0006	.1852
#2	.0003	.0002	.0645	.00199	.0004	.0009	.1799

Elem	K 7664	Se1960	Si2516	Ag3280	Na5895	Sr4077	Tl1908
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5370	.0010	.0842	-.0003	>450.0	.02109	.0030
#1	.4466	.0016	.0968	.0000	.2246	.02011	.0030
#2	.6274	.0005	.0716	-.0006	.2375	.02208	.0030

Elem	Sn1899	Ti3361	V 2924	Zn2062	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056	-.0010	-.0002	.1182	.1106	.0008	.1776
#1	.0051	.0010	.0001	.1219	.1138	.0011	.1816
#2	.0061	-.0011	-.0005	.1145	.1073	.0006	.1736

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	41339	62216	44389
#1	41341	62770	45126
#2	41338	61662	43651

Sample Name: CCVB Acquired: 6/12/2021 10:02:18 Type: QC
Method: 2021A 6010 ICPOES(v58) Mode: CONC Corr. Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.051	F 11.37	.0003	1.090	10.45	-.00001	-.0047	-.0001
Stddev	.096	.12	.0051	.071	.02	.00001	.0004	.0001
%RSD	1.196	1.063	1870.	6.970	.1685	127.91	7.734	106.0
#1	8.119	11.29	.0033	1.106	10.46	.00000	-.0049	-.0001
#2	7.983	11.45	.0038	1.075	10.44	-.00001	-.0044	.0000
Check ?	None	Chk Fail	None	Chk Pass	Chk Pass	None	None	None
Value		10.00						
Range		10.44%						

Elem	Cr2265	Ca3158	Co3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	9.829	9.987	-.0009	.0006	-.0008	-.0002	10.33
Stddev	.0000	.048	.041	.0008	.0003	.0004	.0020	.01
%RSD	2.742	.4882	.4150	87.32	45.43	50.28	892.6	.1442
#1	.0007	9.795	10.02	-.0003	.0004	-.0009	-.0016	10.32
#2	.0007	9.863	9.958	.0014	.0008	.0004	.0012	10.34
Check ?	None	Chk Pass	None	None	None	None	None	Chk Pass
Value								
Range								

Elem	Pb2203	Li6707	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026	F 1.123	9.881	9.625	10.91	.95349	1.008	-.0002
Stddev	.0016	.018	.032	.016	.13	.00072	.016	.0005
%RSD	63.59	1.589	.3220	.1698	1.174	.07560	1.569	204.3
#1	.0014	1.135	9.903	9.637	11.00	.95400	1.017	.0002
#2	.0037	1.110	9.858	9.614	10.82	.95298	.9945	-.0005
Check ?	None	Chk Fail	Chk Pass	None	Chk Pass	None	Chk Pass	None
Value		1.000						
Range		10.44%						

Sample Name: CCV9 Acquired: 6/12/2021 10:02:18 Type: QC
Method: 2021A 6010 (CP03;V58) Mode: CONC Corr. Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Ni2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047	10.21	F 11.46	-.0025	10.89	-.0004	F 11.73	.98721
Stdev	.0002	.18	.03	.0008	.14	.0001	.22	.00014
%RSD	4.845	1.805	2.361	33.39	1.327	21.94	1.832	.01370
#1	.0048	10.34	11.47	-.0031	10.99	-.0004	11.89	.98711
#2	.0045	10.08	11.44	.0019	10.79	-.0003	11.58	.98730
Check ?	None	Chk Pass	Chk Fail	None	Chk Pass	None	Chk Fail	Chk Pass
Value			10.00				10.00	
Range			10.44%				10.44%	

Elem	Ti1908	Sn1899	Tl3361	V 2924	Zn2062	Zr2138	Al2330	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023	-.0003	-.0002	.0003	.0002	.0004	1.051	F 1.138
Stdev	.0005	.0004	.0001	.0009	.0001	.0000	.017	.024
%RSD	22.31	171.4	56.72	313.2	52.48	1.032	1.645	2.125
#1	.0026	.0001	-.0003	.0009	.0001	.0004	1.063	1.156
#2	.0019	.0006	-.0001	-.0003	.0003	.0004	1.039	1.121
Check ?	None	None	None	None	None	None	Chk Pass	Chk Fail
Value								1.000
Range								10.44%

Int. Std.	Y 2243	Y 3600	Y 3600.2
Units	Cts/S	Cts/S	Cts/S
Avg	4712.0	74006	4696.1
Stdev	12.3	56	55.7
%RSD	.26113	.07599	1.1868
#1	4720.7	74035	4735.5
#2	4703.3	73960	4656.7

Sample Name: CCVB Acquired: 6/12/2021 10:06:46 Type: QC
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment: REPLY

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.192	11.40	-.0012	1.093	10.46	-.00002	-.0024	.0000
Stddev	.076	.04	.0050	.014	.10	.00004	.0028	.000
%RSD	9293	3913	413.8	1.255	9868	213.18	118.7	151.3
#1	8.245	11.44	.0023	1.103	10.54	.00001	-.0004	-.0001
#2	8.138	11.37	-.0047	1.083	10.39	-.00005	-.0043	.0000
Check ?	None	Chk Fail	None	Chk Pass	Chk Pass	None	None	None
Value		10.00						
Range		10-44%						

Elem	Cd2265	Ca3158	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	9.844	10.27	-.0005	.0004	.0001	-.0010	10.42
Stddev	.0002	.067	.22	.0002	.0001	.0004	.0018	.10
%RSD	30.54	.6797	2.180	48.83	18.60	303.3	174.9	9.22
#1	.0009	9.891	10.43	-.0003	.0004	.0004	.0002	10.48
#2	.0005	9.796	10.11	-.0007	.0003	.0002	-.0023	10.35
Check ?	None	Chk Pass	None	None	None	None	None	Chk Pass
Value								
Range								

Elem	Pb2203	Li6707	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	1.096	9.923	9.684	10.68	.96214	.9990	-.0002
Stddev	.0003	.010	.092	.087	.08	.00292	.0192	.0001
%RSD	30.47	.9023	.9253	.9009	.7117	.30392	1.922	65.37
#1	.0009	1.103	9.988	9.745	10.73	.96425	1.013	-.0001
#2	.0014	1.089	9.858	9.622	10.63	.96007	.9854	-.0003
Check ?	None	Chk Pass	Chk Pass	None	Chk Pass	None	Chk Pass	None
Value								
Range								

Sample Name: CCV8 Acquired: 6/12/2021 10:08:46 Type: QC
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr. Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment: RERUN

Elem	Ni2216	P 1782	K 7664	Se1960	S 2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044	10.34	11.11	.0005	10.66	-.0002	10.94	.98491
Stdev	.0005	.13	.08	.0014	.07	.0002	.06	.00751
%RSD	10.41	1.304	.7511	260.9	.6567	119.6	.5651	.76218
#1	.0040	10.43	11.17	.0005	10.71	.0000	10.98	.99022
#2	.0047	10.24	11.05	.0015	10.61	-.0003	10.89	.97960
Check ?	None	Chk Pass	Chk Fail	None	Chk Pass	None	Chk Pass	Chk Pass
Value			10.00					
Range			10.44%					

Elem	Tl1908	Sn1899	Ti3361	V 2974	Zn2062	Zr2138	B 2230	Si 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020	.0005	-.0001	.0002	.0006	.0006	1.062	1.134
Stdev	.0016	.0007	.0003	.0005	.0003	.0001	.008	.027
%RSD	79.53	139.6	516.8	289.4	52.02	13.29	.7976	2.375
#1	.0009	.0010	.0003	.0005	.0004	.0006	1.068	1.153
#2	.0032	.0000	.0002	-.0002	.0008	.0005	1.056	1.115
Check ?	None	None	None	None	None	None	Chk Pass	Chk Fail
Value								1.000
Range								10.44%

Int. Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4555.7	73035	4598.9
Stdev	18.6	346	23.3
%RSD	.39939	.47403	.50604
#1	4568.9	72751	4582.3
#2	4542.6	73280	4615.3

Sample Name: CCVA Acquired: 6/12/2021 10:09:28 Type: QC
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2655	.2970	.2759	.2764	.2608	26894	.2641	.2535
Stddev	0003	.0059	0009	0011	0007	.00104	0036	0001
%RSD	0992	1.970	3291	1.494	2828	38626	1.358	0217
#1	2657	2929	2766	.2793	2614	26968	2656	2536
#2	2653	3012	2753	2734	2603	26821	2616	2535
Check ?	Chk Pass	None	Chk Pass	None	None	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2265	Ca3158	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2497	.5066	5206	.2581	2552	.2561	.2644	.2587
Stddev	0005	.0026	0002	0004	0002	0001	0018	0011
%RSD	1886	.5225	0317	1410	.0814	.0341	6853	4269
#1	2501	.5084	5207	2583	2551	2560	2657	2579
#2	2494	5047	5205	2578	2554	2562	2631	2595
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None
Value								
Range								

Elem	Pb2203	Li6707	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2634	0004	2308	2528	.2717	.24476	.2510	2515
Stddev	.0007	0003	1098	0002	0018	00000	0041	0007
%RSD	2657	63.25	47.57	0618	.6773	24670	1.620	2877
#1	2639	0002	1532	2526	2704	24518	2481	2520
#2	2629	0005	3085	2529	2730	24433	2538	2510
Check ?	Chk Pass	None	None	Chk Pass	None	Chk Pass	None	Chk Pass
Value								
Range								

Sample Name: CCV4 Acquired: 6/12/2021 10:09:28 Type: QC
Method: 2021A 6010 TCPG3(v58) Mode: CONC Conv Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	N 2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2528	-.0022	2.732	.2568	.1336	[illegible] .2780	.4302	.00041
Stddev	.0002	.0023	.045	.0018	.0155	.0016	.0077	.00022
%RSD	.0857	101.7	1.604	.7081	11.58	.5735	1.794	53.661
#1	.2526	-.0006	2.697	.2556	.1445	.2792	.4356	.00025
#2	.2529	-.0038	2.767	.2581	.1227	.2769	.4247	.00056
Check ?	Chk Pass	None	None	Chk Pass	None	Chk Fail	None	None
Value						2.500		
Range						10.44%		

Elem	Tl1908	Sn1899	Ti3361	V 2924	Zn2062	Zn2138	B 2230	Si 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2578	.2571	.2542	.2463	.2558	.2741	.0005	.0013
Stddev	.0003	.0002	.0008	.0020	.0001	.0012	.0009	.0004
%RSD	.1006	.0760	.3285	.8311	.0257	.4368	179.5	30.41
#1	.2576	.2572	.2548	.2478	.2559	.2750	-.0001	.0015
#2	.2580	.2570	.2536	.2449	.2558	.2733	.0011	.0010
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None
Value								
Range								

Int. Std.	Y 2213	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4742.1	74359	4544.1
Stddev	2.8	37.	15.3
%RSD	.05820	.04944	.33676
#1	4744.0	74333	4533.3
#2	4740.1	74385	4554.9

Sample Name: CCVA Acquired: 6/12/2021 10:12:12 Type: QC
Method: 2021A 6010 ICP03(V58) Mode: CONC Corr. Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment: RERUN

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2599	.2958	.2700	.2737	.2573	.26468	.2603	2497	2455
Stdev	0005	0018	0005	0021	0022	00172	0037	0005	0009
%RSD	1915	.6208	1742	7833	8533	65002	1.414	[illegible]952	3490
#1	2602	2945	2697	2722	2557	26346	2577	250[illegible]	246[illegible]
#2	2595	.2971	2703	2752	2589	26589	2629	2494	2419
Check ?	Chk Pass	None	Chk Pass	None	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ca3158	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4924	.5140	.2559	.2524	2529	2813	2612	.2607	.0015
Stdev	0051	0004	0009	.0003	0005	0019	0012	0011	0035
%RSD	1.042	0734	3669	1109	1924	7269	4717	4231	239.2
#1	4900	5138	2566	2522	2525	2800	2620	2600	0040
#2	4988	5143	2552	2526	2532	2827	2603	2615	-.0010
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	None
Value									
Range									

Elem	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020	Ni2216	P 1782	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2628	.2476	2653	24336	2491	.2494	2487	-.0018	2.777
Stdev	0234	0003	0005	.00142	.0062	0002	0010	0006	026
%RSD	8.890	.1350	1762	58408	2.496	0978	3972	30.75	9364
#1	2794	2478	2650	24236	2535	.2496	2494	-.0022	2.758
#2	2463	2474	2657	24437	2447	2492	2480	-.0014	2.795
Check ?	None	Chk Pass	None	Chk Pass	None	Chk Pass	Chk Pass	None	None
Value									
Range									

Sample Name: CCVA Acquired: 6/12/2021 10:12:12 Type: QC
Method: 2021A 6010 ICP03(v58) Mode: CCNC Curr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment: RERUN

Elem	Se1960	Si2516	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361	V 2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2515	11.71	.2736	.3953	.00005	.2553	.2532	2526	2440
Stddev	0006	0140	0023	0006	00009	0026	0009	0006	0013
%RSD	2454	11.93	8261	1505	171.08	1.034	3454	2451	5428
#1	2519	1072	2720	3949	00012	2534	2539	2521	2430
#2	2511	1270	2752	3958	00001	2572	2526	2530	2449
Check ? Value Range	Chk Pass	None	Chk Pass	None	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass

Elem	Zn2062	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm
Avg	.2525	.2692	.0007	-.0008
Stddev	0002	0005	0043	.0011
%RSD	0904	1888	653.8	137.5
#1	2527	2688	-.0024	-.0016
#2	2524	2696	.0037	-.0001
Check ? Value Range	Chk Pass	Chk Pass	None	None

Int Std.	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4719.0	73563.	4554.7
Stddev	19.6	137	25.9
%RSD	41624	18596	56819
#1	4705.2	73467	4536.4
#2	4732.9	73660	4573.0

Sample Name: CCB Acquired: 6/12/2021 10:14:42 Type: QC
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Al167D	Al3944	Sb206B	As1890	Ba4554	Be2348	B 2496	Cd2144
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	-.0007	-.0009	.0018	-.0004	-.00005	-.0023	-.0001
Stdev	0002	0001	0002	0017	0008	00012	0004	0001
%RSD	65.73	12.05	27.35	90.75	177.9	231.78	18.23	84.94
#1	0005	-.0006	-.0007	.0030	0001	00003	-.0020	0000
#2	0002	-.0008	-.0011	0007	-.0010	-.00014	-.0026	0001
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2265	Ca3158	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	0001	0077	0005	-.0002	-.0003	-.0003	0003	-.0043
Stdev	0000	.0116	0003	0007	0002	0001	0017	0036
%RSD	47.76	151.6	70.75	350.5	68.03	32.78	627.9	83.94
#1	0001	0159	0002	0007	0004	-.0004	-.0009	-.0069
#2	0000	-.0006	0007	0003	-.0001	-.0003	0014	-.0018
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Pb2203	Li6707	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0009	-.0015	.0287	.0001	.0017	-.00009	.0014	0008
Stdev	0022	0012	0132	0001	0004	00002	.0040	0005
%RSD	243.4	77.34	45.80	140.5	23.22	21.47	280.3	61.28
#1	0007	0024	0154	0000	0014	-.00010	-.0014	0010
#2	-.0025	-.0007	0381	0002	0020	-.00008	0042	0007
Check ?	Chk Pass	Chk Pass	None	Chk Pass	None	Chk Pass	None	Chk Pass
High Limit								
Low Limit								

Sample Name: CCB Acquired: 6/12/2021 10:14:42 Type: QC
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Ni2215	P 1782	K 7664	Sn1900	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0001	-.0031	.0142	.0021	-.0068	-.0004	.1023	.00025
Stddev	.0002	.0039	.0056	.0034	.0050	.0003	.0034	.00002
%RSD	162.8	124.4	39.63	165.5	82.76	58.29	3.368	9.5520
#1	.0000	-.0004	.0102	.0045	.0028	-.0006	.0998	.00026
#2	-.0003	-.0059	.0182	-.0003	-.0108	-.0003	.1047	.00023
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Ti1908	Sn1899	Tl3351	V 2924	Zn2062	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020	-.0001	-.0002	.0001	-.0001	.0000	.0002	-.0025
Stddev	.0005	.0000	.0003	.0001	.0001	.000	.0009	.0004
%RSD	24.07	753.0	169.1	80.92	1[illegible]4.8	587.1	402.6	17.33
#1	.0017	-.0009	.0000	.0001	-.0002	.0000	-.0004	-.0028
#2	.0024	.0005	-.0004	.0001	.0000	.0000	.0009	-.0022
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4712.5	73208	4511.6
Stddev	1.3	287	80.2
%RSD	.02855	.39235	1.7380
#1	4713.4	73505	4568.3
#2	47[illegible].5	73411	4554.9

Sample Name: LLCCV Acquired: 6/12/2021 10:19:15 Type: QC
Method: 2021A 6010 ICP03(v58) Mode: CONC Conc Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107	.0088	.0196	.0107	F .0026	.00106	.0187	.0011
Stddev	.0000	.0033	.0015	.0011	.0008	.00006	.0004	.0001
%RSD	2.675	36.93	7.461	10.36	30.60	5.2292	1.904	6.736
#1	.0107	.0066	.0186	.0115	.0021	.00102	.0189	.0011
#2	.0107	.0112	.0207	.0099	.0032	.00110	.0184	.0010
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value					.0040			
Range					-30.00%			

Elem	Cd2265	Ca3158	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009	F .0313	.0215	.0035	.0016	.0035	.0048	.0151
Stddev	.0001	.0080	.0002	.0000	.0001	.0003	.0002	.0091
%RSD	9.616	25.65	.8161	.4429	4.822	7.447	3.755	60.11
#1	.0009	.0370	.0213	.0035	.0017	.0033	.0049	.0215
#2	.0010	.0256	.0216	.0035	.0016	.0037	.0047	.0087
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value		.0200						
Range		30.00%						

Elem	Pb2203	Li6707	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098	.0245	.0028	.0055	F .0032	.00100	.0028	.0039
Stddev	.0003	.0012	.0379	.0002	.0001	.00012	.0007	.0002
%RSD	2.937	4.710	1.374	3.907	4.472	12.485	24.88	4.904
#1	.0100	.0237	.0296	.0053	.0031	.00091	.0023	.0040
#2	.0096	.0253	.0240	.0056	.0033	.00109	.0033	.0037
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Fail	Chk Pass	None	Chk Pass
Value					.0050			
Range					-30.00%			

Sample Name: LLCCV Acquired: 6/12/2021 10:19:15 Type: QC
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr. Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Ni2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Nb5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037	.0381	.2063	.0211	1974	.0049	1.2639	.00119
Stddev	.0000	.0011	.0922	.0003	.0205	.0017	.0036	.00025
%RSD	3.454	2.811	44.71	1.430	10.39	33.90	1.378	20.672
#1	.0037	.0373	.1411	.0209	.1829	.0037	2613	.00136
#2	.0037	.0388	.2715	.0213	.2120	.0060	2664	.00101
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value							2000	
Range							30.00%	

Elem	Tl1908	Sn1899	Ti3361	V 2924	Zn2062	Zn2138	Bi2230	Sb 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123	.0199	.0018	.0028	.0041	.0044	.0222	.0457
Stddev	.0018	.0005	.0000	.0003	.0003	.0002	.0007	.0022
%RSD	14.70	2.419	3.619	10.14	8.358	4.960	3.335	4.780
#1	.0135	.0202	.0018	.0026	.0043	.0046	.0217	.0472
#2	.0110	.0196	.0018	.0030	.0038	.0042	.0227	.0442
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cps/S	Cps/S	Cps/S
Avg	4692.9	72905	4433.7
Stddev	8	278	47.3
%RSD	.01737	.38156	1.0661
#1	4686.3	73109	4467.2
#2	4693.4	72709	4400.3

Sample Name: LLCCV,0.5 Acquired: 6/12/2021 10:23:27 Type: QC
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Al1670	As3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217	.0221	.0396	.0171	.0073	.00207	.0388	.0021
Stddev	.0003	.0040	.0008	.0001	.0003	.00009	.0017	.0000
%RSD	1.313	18.33	2.087	.7780	4.255	4.2079	4.317	2.023
#1	.0219	.0192	.0402	.0172	.0071	.00201	.0400	.0021
#2	.0215	.0249	.0390	.0170	.0075	.00214	.0377	.0021
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2265	Ca3158	Ca3933	Cr2677	Co2307	Cu2247	Co3273	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021	F .0539	.0431	.0078	.0041	.0078	.0089	.0371
Stddev	.0000	.0064	.0003	.0003	.0006	.0002	.0026	.0022
%RSD	2.114	11.84	.7499	3.249	13.90	2.785	29.47	5.850
#1	.0020	.0494	.0428	.0079	.0037	.0080	.0071	.0387
#2	.0021	.0585	.0433	.0076	.0045	.0077	.0108	.0356
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value		.0400						
Range		30.00%						

Elem	Pb2203	Li6707	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211	.0440	-.0157	.0104	.0118	.00190	.0017	.0080
Stddev	.0018	.0026	.0030	.0001	.0002	.00001	.0003	.0005
%RSD	8.679	5.917	22.73	.8025	1.506	.48579	16.61	5.668
#1	.0198	.0421	-.0132	.0104	.0117	.00190	.0019	.0083
#2	.0224	.0458	-.0183	.0105	.0119	.00191	.0015	.0077
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass
Value								
Range								

Sample Name: LLCCV 0.5 Acquired: 6/12/2021 10:23:27 Type: QC
Method: 2021A 6010 :CP03(v58) Mode: CONC Corr Factor: 1.000000
User: adm n Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Ni2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080	.0854	.3492	.0408	3925	0076	.4700	.00230
Stdev	0001	.0023	0566	0005	0443	0002	0216	00013
%RSD	1.764	2.683	16.19	1.326	11.30	2.002	4.603	5.5877
#1	.0079	.0870	.3892	0404	3612	0075	4853	00221
#2	0081	0837	3093	0412	4239	0078	4547	00239
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Tl1908	Sn1899	Ti3361	V 2924	Zn2062	Zr2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0221	.0398	.0041	.0073	.0084	.0088	.0463	.0911
Stdev	0002	0005	0003	0003	0003	0000	0025	.0034
%RSD	.9338	1.391	7.031	4.018	3.091	.3303	5.410	3.758
#1	0220	.0395	0039	0075	0082	0088	0445	0935
#2	0223	0402	0043	0071	0086	0088	0481	0886
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4616.5	72265	4434.5
Stdev	7.2	13	8.1
%RSD	.04717	.01778	.18258
#1	4618.1	72274	4428.8
#2	4615.0	72256	4440.2

Sample Name: KQ2110671-01 Acquired: 6/12/2021 10:28:08 Type: Unk
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 5 Test Type: E Sample Type:
Comment: AM 061221A 1:5 E K2105879-LCSE

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Ca2144	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	>2.700	3.024	.8607	1.939	1.989	.08771	.8379	.0944	.0903
#1	3.406	3.039	.8608	1.944	1.981	.08748	.8381	.0944	.0903
#2	3.379	3.010	.8606	1.934	1.997	.08794	.8376	.0943	.0903

Elem	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707	Mg2795
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3408	.4057	.9064	.4452	.3922	2.059	.9027	-.0009	.0243
#1	.3386	.4048	.9073	.4454	.3931	2.047	.9015	-.0009	.0244
#2	.3431	.4065	.9055	.4450	.3912	2.071	.9038	-.0009	.0241

Elem	Mn2576	Mo2020	Ni2215	P 1782	K 7664	Se1960	S 2516	Ag3280	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.92200	1.992	.8807	.0938	.3100	2.004	.0336	.0884	>450.0
#1	.91958	1.993	.8828	.0938	.2863	2.004	.0551	.0878	.2446
#2	.92442	1.990	.8786	.0933	.3337	2.004	.0122	.0890	.2411

Elem	Sr4077	Tl1908	Sn1899	Ti3361	V 2924	Zr2062	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02124	.3131	.0053	-.0014	.9889	.9783	.8675	-.0014	1.213
#1	.02125	.3123	.0055	-.0014	.9871	.9780	.8672	.0027	1.232
#2	.02122	.3139	.0052	-.0013	.9907	.9786	.8678	.0055	1.194

Int Std	Y 2243	Y 3600	Y 3600 2
Units	Cts/S	Cts/S	Cts/S
Avg	39955	59928	41964
#1	39850	59956	42257
#2	40019	59896	41077

Sample Name: K2105879-001 Acquired: 6/12/2021 10:30:23 Type: Unk
Method: 2021A 6010 ICP03(v58) Mode: CONC Conv Factor: 1.000000
User: admin Dilution: 5 Test Type: E Sample Type:
Comment: AM 061221A 1/5 E

Elem	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Cd2265	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.23	.1502	.0140	1.874	.00038	1.048	.0171	.0183	294.6
#1	52.36	.1491	.0139	1.881	.00035	1.051	.0174	.0180	295.8
#2	52.09	.1513	.0142	1.866	.00041	1.044	.0168	.0180	293.4

Elem	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707	Mg2852	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1666	.0401	12.95	12.05	20.38	.0188	.0925	57.87	1.3889
#1	.1645	.0407	13.13	12.09	20.45	.0181	.0931	57.97	1.3928
#2	.1683	.0395	12.78	12.01	20.31	.0195	.0918	57.77	1.3849

Elem	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1096	1.958	>90.00	289.6	.0040	22.95	-.0011	>450.0	1.1571
#1	.1109	1.984	194.5	289.9	.0032	22.79	.0013	2557	1.1635
#2	.1083	1.932	189.8	289.3	.0047	23.11	-.0009	2501	1.1507

Elem	Tl1908	Sn1899	Ti3361	V 2924	Zn2062	Zn2138	B 2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050	.0775	1.457	.0466	12.48	>4.500	.2093	70.54
#1	.0058	.0791	1.456	.0467	12.65	11.38	.2098	71.01
#2	.0041	.0760	1.458	.0466	12.31	11.18	.2087	70.07

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	3923.6	60150	4254.0
#1	3920.1	60322	4239.8
#2	3941.1	59978	4268.2

Sample Name: K0211067-1-02 Acquired: 6/12/2021 10:32:52 Type: Unk
Method: 2021A 6010 ICPO3(v5B) Mode: CONC Corr. Factor: 1.000000
User: admin Dilution: 5 Test Type: C Sample Type:
Comment: AM D61221A 1:5 E K2106979-001D

Elem	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Co2265	Cr3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	52.00	.1511	.0126	1.833	.00044	1.046	.0169	.0182	291.8
#1	51.79	.1511	.0128	1.840	.00041	1.049	.0171	.0184	292.3
#2	52.20	.1511	.0124	1.825	.00048	1.044	.0166	.0179	291.2

Elem	Cr2677	Cu2307	Cu2247	Cr3273	Fe2599	Pb2203	Li6707	Mg2852	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1653	.0389	12.75	12.00	20.25	.0187	.0930	57.56	1.3767
#1	.1664	.0390	12.92	11.95	20.32	.0170	.0910	57.42	1.3805
#2	.1643	.0388	12.57	12.04	20.18	.0203	.0950	57.70	1.3729

Elem	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1074	1.920	>90.00	289.7	.0046	23.46	-.0003	>450.0	.1536
#1	.1092	1.947	191.6	289.2	.0050	23.45	-.0006	2530	1.1554
#2	.1056	1.894	187.3	290.1	.0041	23.47	.0001	2524	.1518

Elem	Tl1908	Sn1899	Ti3361	V 2924	Zn2062	Zr2139	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023	.0782	1.449	.0477	12.28	>4.500	.2001	70.69
#1	.0021	.0781	1.451	.0471	12.45	11.39	.2028	71.44
#2	.0026	.0742	1.446	.0482	12.10	11.09	.1975	69.94

Int. Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	3970.4	60072	4262.8
#1	3965.5	60031	4243.2
#2	3975.4	60113	4282.4

Sample Name: KQ2110671-03 Acquired 6/12/2021 10:35:21 Type: Unk
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 5 Test Type: E Sample Type:
Comment: AM 061221A 1:5 E K2105879 001S

Elem	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Cd2265	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	57.36	1.036	1.973	2.026	.09394	1.952	.1094	.1076	296.8
#1	57.60	1.041	1.987	2.033	.09411	1.954	.1100	.1084	298.7
#2	57.12	1.032	1.959	2.019	.09376	1.950	.1089	.1068	295.0

Elem	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707	Mg2852	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5708	.9380	13.74	12.93	22.59	.7990	.0930	59.47	2.3336
#1	.5734	.9437	13.85	12.97	22.74	.8044	.0946	59.49	2.3422
#2	.5682	.9322	13.64	12.89	22.45	.7937	.0915	59.46	2.3250

Elem	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.077	2.868	>80.00	299.3	2.000	24.67	.0927	>450.0	1.1699
#1	2.092	2.891	198.3	298.7	2.013	24.73	.0930	.2650	1.1767
#2	2.062	2.846	195.5	299.9	1.988	24.61	.0923	.2574	1.1632

Elem	Tl1908	Sn1899	Ti3361	V 2924	Zn2062	Zr2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3125	.0803	1.491	1.036	13.74	>4.500	.2051	73.13
#1	.3136	.0816	1.497	1.042	13.84	12.62	.2060	73.55
#2	.3114	.0790	1.485	1.031	13.63	12.44	.2042	72.71

Int Std	Y 2243	Y 3600	Y 3600 2
Units	Cts/S	Cts/S	Cts/S
Avg	3961.6	60877	4327.5
#1	3950.4	60752	4309.6
#2	3972.9	60952	4348.5

Sample Name: K2105879-001A Acquired: 6/12/2021 10:37:40 Type: Unk
Method: 2021A 6010 ICP03(v58) Mode: CCNC Corr Factor: 1.000000
User: admin Dilution: 5 Test Type: E Sample Type:
Comment: AM 061221A 1/5 E A: 0.1/10 MET4.9 F + 0.05 Sb,Mo 1000ppm

Elem	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Cd2265	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	53.02	4.438	4.588	11.99	.00067	1.067	.9034	.8724	293.1
#1	52.98	4.499	4.659	12.02	.00063	1.069	.9175	.8867	292.1
#2	53.06	4.378	4.517	11.96	.00072	1.065	.8893	.8582	294.0

Elem	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707	Mg2852	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.996	.0372	13.61	13.04	20.32	4.321	.0904	57.97	1.3645
#1	5.033	.0376	13.83	13.07	20.23	4.384	.0928	58.29	1.3740
#2	4.960	.0369	13.39	13.00	20.41	4.259	.0880	57.66	1.3551

Elem	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.796	2.766	>90.00	292.8	.9742	24.04	.9058	>450.0	1.1553
#1	4.870	2.813	193.1	294.7	.9895	24.25	.9047	2557	1.1516
#2	4.721	2.719	187.[illegible]	290.9	.9588	23.83	.9070	2468	[illegible].1590

Elem	Tl1908	Sn1899	Ti3361	V 2924	Zn2062	Zn2138	B 2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031	.0774	1.429	.0413	>18.00	>4.500	.2028	70.68
#1	.0041	.0783	1.438	.0408	21.37	19.09	.2069	71.57
#2	.0027	.0765	1.421	.0418	20.75	18.54	.1987	69.79

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	3556.9	61390.	4274.2
#1	3553.9	61118	4216.3
#2	3552.8	61662	4232.1

Sample Name: K2105890 DC1 Acquired: 6/17/2021 10:40:05 Type: Unk
Method: 2021A 601D ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 5 Test Type: E Sample Type:
Comment: AM 061221A 1/5 E

Elem	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Cd2765	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.88	.1435	.0073	7.588	.00003	.5078	.0128	.0148	339.9
#1	48.92	.1449	.0066	7.603	-.00002	.5062	.0129	.0151	339.9
#2	48.83	.1421	.0079	7.573	.00007	.5093	.0127	.0145	339.9

Elem	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707	Mg2852	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1165	.0423	>18.00	23.25	32.09	.0357	.0591	41.85	1.1143
#1	.1159	.0432	24.92	23.24	32.19	.0374	.0594	41.88	1.1153
#2	.1171	.0414	24.40	23.27	31.99	.0341	.0597	41.83	1.1134

Elem	Mo2020	Ni2216	P 1782	K 7664	Se1950	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0330	6.635	>90.00	91.52	.0019	30.95	.0004	>450.0	1.4342
#1	.0335	6.710	207.8	91.68	.0011	31.00	.0007	2420	1.4346
#2	.0326	6.559	204.0	91.37	.0028	30.89	.0007	2424	1.4338

Elem	Tl1908	Sn1899	Ti3361	V 2924	Zn2062	Zr2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036	2777	1.194	.0323	11.91	>4.500	2909	10.45
#1	.0037	2794	1.192	.0327	12.02	11.04	2935	10.49
#2	.0035	2760	1.195	.0320	11.80	10.83	2883	10.40

Int Std	Y 2243	Y 3600	Y 3500-2
Units	Cts/S	Cts/S	Cts/S
Avg	3977.8	60926.	4307.8
#1	3969.2	60993	4312.7
#2	3986.5	60859	4302.8

Sample Name: KQ2110364-01 Acquired 6/12/2021 10:42:35 Type: Unk
Method 2021A 6010 ICP03lv58i Mode CONC Corr Factor: 1.000000
User: admin Dilution: 5 Test Type: E Sample Type:
Comment: AM 061221A 1/5 E K21D5188-MB

Elem	Al1670	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105	.0010	.0037	-.0006	-.00013	.0285	-.0001	.0000
#1	.0108	-.0006	.0034	.0000	-.00011	.0276	-.0001	.0000
#2	.0103	.0026	.0059	-.0011	-.00015	.0294	-.0001	.0000

Elem	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1911	.0000	-.0004	.0010	.0000	.0016	-.0014	-.0010
#1	.2319	.0000	.0002	.0007	.0000	.0121	-.0012	-.0021
#2	.1503	.0001	-.0010	.0014	-.0001	-.0089	-.0016	.0001

Elem	Mg2795	Mn2576	Mo2020	Ni2216	P 1782	K 7664	Se1900	Si 2516
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0150	.00006	.0010	.0001	.0110	5827	.0008	.0891
#1	.0216	.00007	.0008	.0001	.0113	5945	.0004	.0866
#2	.0084	.00005	.0012	.0001	.0107	5709	.0011	.0916

Elem	Ag3280	Na5895	Sr4077	Ti1908	Sn1899	Ti 3361	V 2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	13.41	.00083	.0030	.0003	-.0003	-.0004	.0007
#1	-.0004	13.81	.00091	.0011	.0006	-.0005	.0001	.0010
#2	-.0011	13.00	.00074	.0050	.0001	-.0002	-.0007	.0003

Elem	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm
Avg	.0009	.0026	1.415
#1	.0011	.0027	1.429
#2	.0007	.0025	1.400

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cps/S	Cps/S	Cps/S
Avg	4715.0	74032	4605.2
#1	4718.7	74350	4555.9
#2	4711.4	73713	4654.6

Sample Name: KQ2110663-01 Acquired: 6/12/2021 10:45:02 Type: Unk
Method: 2021A 601D ICPD3(vS8) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 5 Test Type: E Sample Type:
Comment: AM051221A 1:5 E K2105188-LCSE

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Ca2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.059	2.545	.5644	1.132	1.090	.05660	.0078	.0507	.0496
#1	2.074	2.547	.5658	1.137	1.092	.05660	.0074	.05[illegible]	.0501
#2	2.045	2.544	.5630	1.127	1.089	.05660	.0078	.0504	.0492

Elem	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707	Mg2795
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0161	.2135	.5183	.2579	.2822	1.100	.5444	-.0001	.0027
#1	.0065	.2143	.5221	.2608	.2878	1.097	.5464	.0012	.0012
#2	.0257	.2126	.5145	.2551	.2815	1.104	.5423	-.0013	.0042

Elem	Mn2576	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50680	.0003	.5093	.0015	.2778	1.005	-.0108	.0587	.8319
#1	.50698	.0002	.5133	.0032	.3031	1.013	.0064	.0587	.7364
#2	.50663	.0004	.5052	-.0003	.2525	.9967	-.0281	.0586	.9274

Elem	Sr4077	Ti1908	Sn1899	Ti3361	V 2924	Zr2062	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00040	.2142	.0006	-.0004	.5068	.5114	.5540	-.0011	.0012
#1	.00022	.2155	.0007	-.0005	.5071	.5150	.5576	-.0016	.0024
#2	.00057	.2129	.0005	-.0003	.5065	.5078	.5504	-.0007	.0000

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4838.7	75920	4768.3
#1	4829.3	76054	4734.4
#2	4848.[illegible]	75786	4802.1

Sample Name: K21D5188-017 Acquired: 6/12/2021 10:47:18 Type: Unk
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 5 Test Type: E Sample Type:
Comment: AM 061221A 1/5 E

Elem	Al1670	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Ca2785
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0839	.0001	.0016	.0004	-.00014	.0320	.0000	.0002
#1	.0851	-.0026	-.0036	.0004	-.00017	.0314	.0000	.0002
#2	.0828	.0029	.0004	.0005	.00011	.0326	.0000	.0001

Elem	Ca3933	Cr2677	Co2207	Cu2247	Cr3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.506	-.0005	.0001	.0003	.0007	.0205	-.0016	-.0012
#1	6.551	-.0001	.0001	.0007	.0006	.0229	-.0019	-.0017
#2	6.462	-.0009	.0001	.0000	.0008	.0181	-.0012	.0007

Elem	Mg2795	Mn2576	Mo2020	Ni 2216	P 1782	K 7664	Se1960	Si2516
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5516	.02054	.0024	.0010	.0049	.3581	.0004	1.401
#1	.5586	.02062	.0023	.0011	.0060	.3224	-.0001	1.415
#2	.5446	.02047	.0025	.0009	.0037	.3939	.0008	1.387

Elem	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361	V 2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	7.545	.02939	.0019	.0000	.0008	.0015	.0004
#1	.0015	7.576	.02975	.0042	.0001	.0010	.0010	.0004
#2	.0009	7.514	.02903	-.0003	-.0001	.0007	.0020	.0004

Elem	Zr2138	Bi2230	S 1820
Units	ppm	ppm	ppm
Avg	.0006	.0014	1.403
#1	.0008	.0013	1.428
#2	.0005	.0015	1.378

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4797.4	76001	4742.2
#1	4797.3	76084	4701.1
#2	4797.5	75918	4783.3

Sample Name: K2105188-017C Acquired: 6/12/2021 10:49:50 Type: Unk
Method: 2021A 6010 ICP03(v58) Mode: CONC Conv Factor: 1.000000
User: admin Dilution: 25 Test Type: E Sample Type:
Comment: AM 061221A 1/25 E

Elem	Al1670	Sb2068	As1890	Ba4554	Be2348	B 2496	Cu2144	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175	-.0024	-.0014	-.0015	-.00002	.0053	.0000	.0001
#1	.0175	-.0024	.0004	.0013	.00003	.0037	.0000	-.0001
#2	.0175	-.0024	.0025	-.0016	-.00002	.0069	.0000	.0001

Elem	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.313	-.0015	-.0001	-.0005	-.0014	-.0007	-.0016	-.0001
#1	1.311	.0012	.0001	-.0005	.0014	.0124	.0017	.0013
#2	1.315	-.0017	-.0001	-.0005	.0015	.0109	.0015	.0010

Elem	Mg2795	Mn2576	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2515
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1118	.00410	.0006	.0003	.0010	.1804	-.0014	.2582
#1	.1111	.00416	.0007	.0004	.0021	.1555	.0001	.2457
#2	.1124	.00404	.0005	.0001	.0000	.2053	-.0030	.2707

Elem	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361	V 2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	1.824	.00593	.0002	.0005	-.0002	-.0001	.0002
#1	.0001	1.804	.00585	.0006	.0000	.0001	-.0006	.0001
#2	-.0001	1.845	.00601	-.0002	.0009	.0005	.0004	.0003

Elem	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm
Avg	.0001	-.0019	.2869
#1	.0000	-.0010	.2893
#2	.0001	-.0028	.2845

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4784.1	75414	4715.0
#1	4772.5	74986	4690.9
#2	4795.5	75842	4740.5

Sample Name: CCV8 Acquired: 8/12/2021 10:52:19 Type: QC
Method: 2021A 6010 ICP03(v5B) Mode: CONC Corr. Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.103	F 11.32	.0013	1.083	10.60	-.00011	.0029	.0001
Stddev	.156	.02	.0005	.078	.01	.00010	.0004	.0000
%RSD	1.929	14.74	39.03	2.556	.0507	87.283	12.42	60.72
#1	8.273	11.33	.0010	1.109	10.59	-.00018	-.0026	.0000
#2	7.992	11.30	.0017	1.063	10.60	.00004	-.0031	.0001
Check ?	None	Chk Fail	None	Chk Pass	Chk Pass	None	None	None
Value		10.00						
Range		10.44%						

Elem	Co2205	Ca3158	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008	9.541	10.16	-.0001	.0004	.0001	-.0004	10.37
Stddev	.0007	.067	.09	.0009	.0007	.0002	.0003	.01
%RSD	14.29	.7035	.8506	1131	26.30	199.1	79.10	.1208
#1	.0007	9.493	10.10	-.0007	.0005	-.0001	-.0007	10.38
#2	.0009	9.588	10.22	.0006	.0003	.0003	-.0002	10.35
Check ?	None	Chk Pass	None	None	None	None	None	Chk Pass
Value								
Range								

Elem	Pb2203	Li6707	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008	F 1.137	9.804	9.517	10.73	.93737	.9901	-.0002
Stddev	.0006	.007	.041	.030	.06	.01003	.0107	.0000
%RSD	77.52	.1257	.4147	.3121	.5691	1.0704	1.080	24.07
#1	.0004	1.138	9.833	9.496	10.77	.94447	.9977	-.0002
#2	.0012	1.136	9.775	9.538	10.69	.93028	.9826	-.0002
Check ?	None	Chk Fail	Chk Pass	None	Chk Pass	None	Chk Pass	None
Value		1.000						
Range		10.44%						

Sample Name: CCVB Acquired: 6/12/2021 10:52:19 Type: QC
Method: 2021A 6010 :CP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin ID Number: 1 Test Type Sample Type
Comment:

Elem	Ni2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053	10.22	F 11.67	-.0001	10.78	-.0005	F 11.27	.97417
Stddev	.0001	.25	.01	.0011	.08	.0021	.08	.00174
%RSD	2.679	2.438	.0539	1693	.7165	464.3	.7143	.17857
#1	.0054	10.40	11.66	.0008	10.84	.0019	11.33	.97204
#2	.0052	10.05	11.67	.0007	10.73	.0010	11.21	.97540
Check ?	None	Chk Pass	Chk Fail	None	Chk Pass	None	Chk Fail	Chk Pass
Value			10.00				10.00	
Range			±0.44%				±0.44%	

Elem	Ti1908	Sn1899	T 3361	V 2024	Zn2062	Zn2138	B 2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026	-.0005	-.0002	.0004	.0004	.0006	1.057	F 1.156
Stddev	.0000	.0010	.0001	.0012	.0002	.0001	.027	.026
%RSD	1.782	202.0	79.37	309.4	44.83	21.95	2.591	2.264
#1	.0026	.0002	-.0003	.0012	.0006	.0007	1.076	1.174
#2	.0026	-.0012	-.0001	-.0005	.0003	.0005	1.038	1.137
Check ?	None	None	None	None	None	None	Chk Pass	Chk Fail
Value								1.000
Range								±0.44%

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4683.9	74217.	4727.3
Stddev	3.3	233	37.9
%RSD	.07068	.31411	.80069
#1	4681.6	74052	4754.0
#2	4686.3	74382	4700.5

Sample Name CCVB Acquired 6/12/2021 10:54:48 Type QC
Method 202*A 6010:CP03(v58) Mode CONC Corr Factor 1.000000
User admin Dilution 1 Test Type Sample Type
Comment RERUN

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.122	F 11.31	-.0033	1.102	10.62	-.00009	-.0041	.0000
Stddev	.094	.00	.0025	.023	.02	.00003	.0007	.000
%RSD	1.154	.0382	75.42	2.118	.2189	27.112	17.89	438.2
#1	8.188	11.31	-.0015	1.119	10.61	.00008	-.0046	.0000
#2	8.055	11.30	-.0051	1.086	10.64	-.00011	.0035	.0001
Check ?	None	Chk Fail	None	Chk Pass	Chk Pass	None	None	None
Value		10.00						
Range		10.44%						

Elem	Cu2265	Ca3158	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	9.510	9.905	-.0003	.0003	-.0002	-.0009	10.35
Stddev	.0001	.050	.112	.0004	.0003	.0000	.0006	.02
%RSD	9.010	.5208	1.126	103.9	87.67	6.793	66.82	.1644
#1	.0006	9.546	9.984	.0006	.0001	-.0002	-.0005	10.36
#2	.0007	9.475	9.826	-.0001	.0005	-.0002	.0013	10.34
Check ?	None	Chk Pass	None	None	None	None	None	Chk Pass
Value								
Range								

Elem	Pb2203	Li6707	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026	F 1.136	9.656	9.504	10.73	.93880	.9920	.0000
Stddev	.0004	.003	.078	.050	.01	.00055	.0038	.0001
%RSD	16.86	.2249	.8088	.5283	.1253	.05907	.3875	17.78
#1	.0023	1.134	9.711	9.540	10.72	.93841	.9947	.0000
#2	.0029	1.138	9.601	9.469	10.74	.93919	.9893	.0001
Check ?	None	Chk Fail	Chk Pass	None	Chk Pass	None	Chk Pass	None
Value		1.000						
Range		10.44%						

Sample Name: CCVB Acquired 6/12/2021 10:54:48 Type: QC
Method 2021A 6010 ICP03(v58) Mode CONC Corr. Factor 1.000000
User admin Dilution 1 Test Type: Sample Type:
Comment: RERUN

Elem	N.2216	P 1782	K 7664	Sn1900	Si2516	Ag3280	Nb5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	0053	10.31	F 11.65	-.0002	10.72	-.0003	F 11.20	97204
Stdev	.0004	.16	00	0033	05	0003	03	0028
%RSD	6.625	1.571	.0305	1393.	4930	80.30	.3013	28957
#1	0056	10.42	11.65	0021	10.68	.0005	11.18	97403
#2	0051	10.19	11.65	-.0026	10.75	-.0001	11.23	97005
Check ?	None	Chk Pass	Chk Fail	None	Chk Pass	None	Chk Fail	Chk Pass
Value			10.00				10.00	
Range			10.44%				10.44%	

Elem	T.1908	Sn1899	Ti3361	V 2924	Zr2062	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025	.0003	-.0004	.0001	.0003	.0006	1.061	F 1.179
Stdev	0014	0003	0001	0003	.0001	0001	006	014
%RSD	55.38	86.97	31.36	180.3	29.50	22.00	5786	1.186
#1	0035	0001	-.0003	0003	0002	0005	1.066	1.189
#2	0015	0006	-.0005	0000	0003	0007	1.057	1.169
Check ?	None	None	None	None	None	None	Chk Pass	Chk Fail
Value								1.000
Range								10.44%

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4723.3	74070	4740.3
Stdev	25.7	522	36.9
%RSD	.54462	.7044	.77869
#1	4747.5	73701	4714.2
#2	4725.1	74439	4766.4

Sample Name: CCVA Acquired: 6/12/2021 10:57:50 Type: QC
Method: 2021A 6010 ICP03(v58) Mode: CONC Conv Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2625	2943	2723	2784	.2620	26994	2664	.2480
Stddev	0008	0003	0044	0070	0009	00022	0009	0004
%RSD	3144	1112	1.632	2.499	.3358	08323	3289	.1746
#1	2631	2945	2691	2735	2613	27010	2670	2483
#2	2619	2940	2754	2834	2626	26978	2658	2477
Check ?	Chk Pass	None	Chk Pass	None	None	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2265	Ca3158	Ca3933	Cr2677	Cu2307	Cu2247	Cu3273	Fe2509
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2431	4704	5211	2549	2521	2546	2635	.2658
Stddev	0007	.0014	0020	.0004	0001	0003	0004	0009
%RSD	3038	2942	3917	.1380	0563	1333	.1357	3391
#1	2436	4714	5197	2552	2522	2548	2632	2665
#2	2426	4694	5226	2547	2520	2543	2637	2652
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None
Value								
Range								

Elem	Fe2203	Li6707	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2636	-.0011	.2208	.2433	2677	.23742	.2422	.2483
Stddev	0001	.0003	0238	0014	0021	00019	0034	0013
%RSD	0535	23.17	10.77	5832	7862	.08159	1.421	5193
#1	2637	-.0009	2040	2423	2692	23755	2398	2493
#2	2635	-.0013	2376	2443	2662	23728	2446	2474
Check ?	Chk Pass	None	None	Chk Pass	None	Chk Pass	None	Chk Pass
Value								
Range								

Sample Name: CCVA Acquired: 6/12/2021 10:57:50 Type: QC
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	N 2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2480	-.0039	2.875	.2547	.1213	F .2785	.5272	.00044
Stddev	.0006	.0014	.088	.0016	.0344	.0006	.0268	.00009
%RSD	.2250	37.28	3.054	.6087	28.35	.2074	5.090	20.345
#1	.2484	-.0028	2.813	.2536	.0970	.2789	.5083	.00050
#2	.2476	-.0049	2.937	.2558	.1456	.2781	.5462	.00038
Check ?	Chk Pass	None	None	Chk Pass	None	Chk Fail	None	None
Value						.2500		
Range						10.44%		

Elem	Tl1908	Sn1899	Ti3361	V 2924	Zn2062	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2566	.2534	.2490	.2395	.2521	.2749	-.0001	.0002
Stddev	.0017	.0003	.0035	.0009	.0004	.0008	.0024	.0006
%RSD	.6779	.1124	1.820	.3705	.1709	.2754	1.832	262.2
#1	.2579	.2532	.2486	.2388	.2524	.2744	.0015	.0007
#2	.2554	.2536	.2493	.2401	.2518	.2755	-.0018	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None
Value								
Range								

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4766.3	75475.	4669.2
Stddev	29.9	157	13.4
%RSD	.62812	.20816	.28731
#1	4745.7	75364	4660.8
#2	4787.4	75586	4678.7

Sample Name CCVA Acquired 6/12/2021 11:01:57 Type QC
Method 2021A 6010 ICP03(v58) Mode CONC Corr Factor : 000000
User: admin Dilution 1 Test Type Sample Type
Comment RERUN

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2596	.2994	2716	.2708	2606	26933	.2660	.2463
Stddev	.0027	.0059	.0010	0009	0010	.00107	0021	0010
%RSD	1.049	1.983	.3625	3425	3858	39692	.7821	3966
#1	2616	3036	2723	2701	2599	26857	2645	2470
#2	2577	2952	2709	2714	2613	27009	2675	2456
Check ?	Chk Pass	None	Chk Pass	None	None	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2265	Ca3158	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2413	5045	.5250	.2544	.2504	.2518	.2647	.2663
Stddev	.0003	0026	0018	0009	0001	0002	0011	0030
%RSD	.1421	.5237	3399	3589	.0292	.0857	3996	1.113
#1	2416	5064	5237	2537	2505	2520	2640	2642
#2	2411	5027	5262	2550	2504	2517	2655	2684
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None
Value								
Range								

Elem	Pb2203	Li6707	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2608	-.0011	2950	2480	.2719	23593	.2465	.2469
Stddev	0017	0010	0147	.0017	0007	00082	0002	0011
%RSD	.6629	93.61	4.989	.7042	0400	34774	0641	4.390
#1	.2618	-.0004	3054	2467	.2720	23535	2464	2477
#2	2594	-.0018	2846	2492	2718	23651	2467	2461
Check ?	Chk Pass	None	None	Chk Pass	None	Chk Pass	None	Chk Pass
Value								
Range								

Sample Name: CCVA Acquired: 6/12/2021 11:01:57 Type: QC
Method: 2021 A 6010 ICP03(v58) Mode: CONC Corr. Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment: RERUN

Elem	N 2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2459	-.0005	2.768	.2528	.1056	F .2788	.4917	.00013
Stddev	.0006	.0013	.071	.0020	.0069	.0022	.0102	.00001
%RSD	.2503	254.1	2.565	.8097	6.564	.7806	2.067	7.2158
#1	.2454	.0004	2.818	.2542	.1105	.2773	.4845	.00012
#2	.2463	-.0015	2.718	.2513	.1007	.2804	.4989	.00013
Check ?	Chk Pass	None	None	Chk Pass	None	Chk Fail	None	None
Value						2500		
Range						10.44%		

Elem	T 1908	Sn1899	Ti3361	V 2924	Zn2062	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2546	.2503	.2489	.2375	.2498	.2718	-.0015	.0015
Stddev	.0016	.0006	.0018	.0017	.0014	.0001	.0009	.0001
%RSD	.6273	.2572	.7170	.7035	.5636	.0379	58.09	8.937
#1	.2559	.2507	.2477	.2363	.2508	.2717	-.0009	.0014
#2	.2535	.2498	.2502	.2387	.2488	.2718	-.0022	.0016
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None
Value								
Range								

Int. Std.	Y 2243	Y 3600	Y 3600.2
Units	Cts/S	Cts/S	Cts/S
Avg	4772.0	75260	4643.5
Stddev	1.3	123	8.6
%RSD	.02778	.16375	.18513
#1	4773.0	75347	4637.4
#2	4771.1	75173	4649.5

Sample Name: CCB Acquired: 6/12/2021 11:05:43 Type: QC
Method: 2021A 6010 :CP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	-.0029	.0009	.0005	-.0012	-.00008	-.0013	.0000
Stddev	.0001	.0027	.0017	.0012	.0011	.00007	.0010	.0000
%RSD	16.82	90.75	190.6	593.3	90.21	85.429	76.13	29.43
#1	.0004	-.0011	.0021	.0028	-.0004	-.00003	-.0006	.0000
#2	.0005	-.0046	-.0003	-.0017	-.0020	-.00013	-.0021	.0001
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Ca2205	Ca3158	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	-.0078	.0005	-.0006	-.0003	.0001	.0010	.0034
Stddev	.0001	.0076	.0002	.0009	.0003	.0002	.0013	.0061
%RSD	88.95	96.95	33.48	161.2	105.6	323.7	133.8	178.7
#1	.0001	-.0025	.0004	-.0012	-.0005	-.0001	.0019	.0078
#2	.0000	-.0132	.0006	.0001	-.0001	.0002	.0001	-.0009
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Pb2203	Li6707	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0005	-.0020	-.0135	.0001	-.0020	-.00011	.0008	.0005
Stddev	.0012	.0031	.0590	.0000	.0010	.00010	.0046	.0001
%RSD	239.2	157.3	435.5	57.93	47.15	89.104	593.9	26.77
#1	-.0014	.0002	-.0553	.0001	-.0027	-.00004	.0040	.0007
#2	.0004	-.0042	.0282	.0000	-.0014	.00019	-.0025	.0004
Check ?	Chk Pass	Chk Pass	None	Chk Pass	None	Chk Pass	None	Chk Pass
High Limit								
Low Limit								

Sample Name: CCB Acquired: 6/12/2021 11:05:43 Type: QC
Method: 2021 A 6010 (CP03rv58) Mode: CCNC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type Sample Type
Comment

Elem	Ni2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	-.0010	.0480	.0045	-.0129	-.0006	.1609	.00020
Stddev	.0004	.0017	.0158	.0040	.0162	.0001	.0056	.00011
%RSD	191.1	169.0	32.93	87.36	141.4	20.79	3.469	55.664
#1	.0001	.0002	.0368	.0017	-.0257	-.0005	1570	.00012
#2	-.0005	-.0023	.0591	.0073	.0006	-.0006	1648	.00027
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Tl1908	Sn1899	Ti3361	V 2924	Zn2062	Zn2138	B 2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019	.0008	-.0006	-.0002	-.0002	.0000	.0032	-.0012
Stddev	.0012	.0001	.0003	.0006	.0000	.000	.0006	.0026
%RSD	63.64	6.767	48.93	358.5	12.97	47.89	18.82	218.0
#1	.0011	.0007	-.0008	-.0006	-.0001	.0000	.0027	-.0030
#2	.0028	.0008	-.0004	.0003	-.0002	.0001	.0036	.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4738.2	74096.	46205
Stddev	30.2	64	25.7
%RSD	.63672	.08665	.55705
#1	4759.5	74050	4639.7
#2	4716.3	74141	4602.3

Sample Name: KQ2110563-02 Acquired: 6/12/2021 11:09:43 Type: Unk
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr. Factor: 1.000000
User: asmith Dilution: 5 Test Type: E Sample Type:
Comment: AM 061221A 1:5 E K210518B 017D

Elem	Al1670	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Ca2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0860	-.0018	-.0012	.0005	-.00010	.0302	.0000	.0001
#1	0861	-.0030	0055	0006	00005	0312	-.0001	0001
#2	0859	-.0006	-.0029	0005	-.00015	0293	0000	0001

Elem	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li0707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.890	-.0006	.0003	.0001	.0001	0356	-.0011	-.0003
#1	6.859	-.0009	0005	0006	-.0006	0287	-.0012	-.0012
#2	6.920	-.0003	0001	0003	0009	0424	-.0010	0006

Elem	Mg2795	Mn2576	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5868	.02165	0027	.0011	-.0002	.2226	0019	1.414
#1	5847	.02183	0028	.0011	-.0007	2493	0016	1.416
#2	5925	.02146	0026	0010	0003	1959	0021	1.412

Elem	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361	V 2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0016	7.487	.03147	.0037	.0001	.0008	0003	0005
#1	0011	7.488	.03111	0028	0001	0008	0008	.0005
#2	-.0021	7.486	.03184	0045	0000	0008	0003	0005

Elem	Zn2138	B 2230	S 1820
Units	ppm	ppm	ppm
Avg	.0007	-.0017	1.489
#1	0007	-.0030	1.491
#2	0006	-.0004	1.485

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4731.9	74337	4624.2
#1	4710.6	74291	4638.7
#2	4744.2	74384	4609.7

Sample Name: KQ2110563-03 Acquired: 6/12/2021 11:12:14 Type: Unk
Method: 2021A 6010 (CP03|v59) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 5 Test Type: E Sample Type:
Comment: AM 061221A 1/5 E K2105188-01/5

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.925	2.398	.5011	1.032	.9803	.05232	.0265	.0455	.0418
#1	1.972	2.395	.5119	1.057	.9868	.05230	.0268	.0465	.0457
#2	1.878	2.400	.4904	1.007	.9838	.05234	.0261	.0445	.0438

Elem	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707	Mg2795
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.770	.1978	.4610	.2291	.2558	.8977	.4834	-.0004	.5036
#1	5.564	.1985	.4720	.2349	.2539	.9678	.4932	-.0024	.4889
#2	5.976	.1971	.4500	.2233	.2577	1.028	.4735	.0015	.5183

Elem	Mn2576	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48709	.0022	.4543	-.0001	.2045	.9339	1.308	.0550	6.545
#1	.48703	.0021	.4653	.0005	.1732	.9566	1.303	.0543	6.420
#2	.48716	.0023	.4433	-.0008	.2358	.9100	1.312	.0558	6.671

Elem	Sr4077	Tl1908	Sn1899	Ti3361	V 2924	Zn2062	Zn2138	B.2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02682	.1960	-.0002	.0008	.4756	.4603	.4926	-.0008	1.285
#1	.02611	.2000	.0004	.0007	.4767	.4701	.5044	-.0005	1.308
#2	.02754	.1920	-.0005	.0009	.4744	.4505	.4809	-.0011	1.262

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4749.0	74045.	4766.7
#1	4738.8	73890	4803.0
#2	4759.1	74200	4730.5

Sample Name: K2105188-017A Acquired: 6/12/2021 11:14:34 Type: Unk
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 5 Test Type: E Sample Type:
Comment: AM 061221A 1:5 E A=0.1/10 MET4-9-F

Elem	Al1670	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0879	.0488	5.064	9.973	-.00015	.0273	.9384	.9194
#1	.0903	.0529	5.195	9.634	-.00020	.0267	.9594	.9406
#2	.0856	.0448	4.933	10.31	.00009	.0280	.9174	.8983

Elem	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.073	5.032	.0009	.9483	1.046	.0245	4.898	.0003
#1	5.802	4.998	.0010	.9701	1.036	.0217	5.108	-.0008
#2	6.344	5.067	.0009	.9264	1.056	.0274	4.888	.0013

Elem	Mg2795	Mn2576	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5314	.02039	.0029	.9383	.0018	.1864	.9401	1.351
#1	.5132	.02021	.0031	.9611	.0018	.1407	.9639	1.304
#2	.5496	.02057	.0027	.9154	.0019	.2321	.9163	1.399

Elem	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361	V 2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.090	6.971	.02836	.0004	.0009	.0011	-.0056	9.347
#1	1.085	6.873	.02738	.0007	.0009	.0012	.0055	9.554
#2	1.095	7.069	.02934	.0000	.0009	.0009	-.0058	9.141

Elem	Zr 2138	B 2230	S 1820
Units	ppm	ppm	ppm
Avg	>4.500	.0013	1.333
#1	9.971	.0003	1.359
#2	9.504	.0023	1.307

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4670.8	73942.	4761.2
#1	4574.6	74236.	4855.4
#2	4667.0	73649.	4666.8

Sample Name: K210594B-002 Acquired: 6/12/2021 11:16:57 Type: Unk
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 5 Test Type: E Sample Type:
Comment: AM 061221A 1/5 E

Elem	Al1670	Sb2068	As1890	Ba1554	Be2348	B 2496	Cd2144	Ca2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0414	-.0022	.0019	.0245	-.00006	.1727	.0002	.0001
#1	.0417	-.0008	-.0001	.0243	-.00006	.1712	.0001	.0002
#2	.0411	-.0037	.0040	.0247	-.00005	.1741	.0003	.0000

Elem	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.291	.0010	.2687	.0254	.0281	.0332	.0000	.0015
#1	5.229	.0015	.2714	.0255	.0292	.0338	.0003	-.0023
#2	5.354	.0006	.2660	.0253	.0270	.0329	-.0004	-.0005

Elem	Mg2852	Mn2576	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.52	.34180	.0002	.0537	2.317	5.629	.0017	4.120
#1	12.54	.34349	.0002	.0543	2.330	5.638	.0044	4.125
#2	12.50	.34011	.0005	.0530	2.304	5.619	.0010	4.115

Elem	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361	V 2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0004	16.64	.03111	.0026	.0005	-.0002	.0006	.4081
#1	-.0007	16.71	.03089	.0032	.0012	-.0003	.0005	.4115
#2	-.0001	16.57	.03134	.0019	-.0002	-.0002	.0007	.4046

Elem	Zr2138	Ba2230	S 1820
Units	ppm	ppm	ppm
Avg	.4406	.0018	1.835
#1	.4421	.0026	1.837
#2	.4391	.0011	1.835

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4792.7	74924	4726.8
#1	4764.0	74854	4750.4
#2	4821.3	74995	4703.1

Sample Name: KQ2110563-04 Acquired: 6/12/2021 11:19:24 Type: Unk
Method: 2021A 6010 ICP03(v59) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 5 Test Type: E Sample Type:
Comment: AM 061221A 1:5 E K2105048-002C

Elem	Al1670	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0374	-.0010	.0031	.0219	-.00008	1584	.0001	.0001
#1	.0346	-.0014	.0039	.0206	-.00014	1565	.0001	.0001
#2	.0362	-.0006	.0022	.0231	.00002	1602	.0001	.0001

Elem	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.664	.0004	.2406	.0234	.0275	.0318	-.0009	-.0012
#1	4.496	.0009	.2465	.0239	.0285	.0297	.0020	-.0007
#2	4.832	-.0001	.2346	.0229	.0266	.0338	.0003	-.0016

Elem	Mg2852	Mn2576	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.47	.31566	.0001	.0483	2.082	5.103	.0021	.4012
#1	11.29	.32018	.0003	.0500	2.139	5.073	.0032	.3881
#2	11.66	.31114	-.0001	.0467	2.025	5.132	.0010	.4143

Elem	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361	V 2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0009	15.21	.02766	.0018	.0010	-.0002	.0004	.3663
#1	-.0013	14.96	.02710	.0023	.0005	-.0002	-.0003	.3760
#2	.0005	15.47	.02822	.0013	.0015	-.0002	.0011	.3566

Elem	Zr2139	Bi2230	S 1820
Units	ppm	ppm	ppm
Avg	.3959	.0017	1.654
#1	.4053	-.0004	1.689
#2	.3864	.0038	1.619

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4785.1	75400	4845.1
#1	4773.1	75125	4936.7
#2	4797.1	75575	4753.5

Sample Name: KQ2110563-05 Acquired: 6/12/2021 11:21:51 Type: Unk
Method: 2021A 601D ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 5 Test Type: E Sample Type:
Comment: AM 061221 A 1-5 E K2105948-002S

Elem	Al1670	As3944	Ba2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Ce2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.895	2.403	.5100	1.065	1.022	.05379	.1538	.0463	.0455
#1	1.936	2.422	.5243	1.089	1.010	.05427	.1551	.0471	.0463
#2	1.854	2.384	.4957	1.041	1.034	.05332	.1525	.0456	.0447

Elem	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.766	.2028	.7020	.2546	.2853	1.043	.4858	-.0015	11.10
#1	4.771	.2059	.7166	.2595	.2861	1.022	.4552	-.0039	10.90
#2	4.762	.1997	.6874	.2498	.2844	1.064	.4763	.0009	11.30

Elem	Mn2576	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78032	-.0001	.5024	2.004	4.898	.9520	.3813	.0540	14.73
#1	.78318	.0003	.5124	2.050	4.875	.9713	.3663	.0533	14.48
#2	.77246	.0000	.4924	1.959	4.901	.9328	.3964	.0548	14.99

Elem	Sr4077	Tl1908	Sn1899	Ti3361	V 2924	Zr2062	Zn2138	B 2230	Si 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02732	.1961	.0007	.0002	.4849	.8145	.8819	.0029	1.600
#1	.02693	.1978	-.0002	.0001	.4902	.8331	.9017	.0064	1.633
#2	.02771	.1944	.0016	.0002	.4796	.7958	.8622	-.0006	1.567

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4782.8	74227	4699.2
#1	4705.5	73838	4705.3
#2	4709.2	74616	4692.2

Sample Name: K21D5646-002A Acquired: 6/12/2021 11:24:10 Type: Unk
Method: 2021A 6010 :CP03(v59) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 5 Test Type: E Sample Type:
Comment: AM 061221A 1/5 E A-0.1/10 MET1-5-F

Elem	Al1670	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Ca2295
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0429	.0561	5.472	10.60	-.00017	.1719	.9864	9669
#1	.0433	.0576	5.515	10.60	-.00012	.1745	.9935	9750
#2	.0426	.0546	5.430	10.61	-.00021	.1693	.9793	9587

Elem	Cs3933	Cr2677	Co2307	Cu2247	Ga3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.218	5.301	.2736	1.028	1.088	.0335	5.218	-.0022
#1	5.173	5.328	.2751	1.034	1.092	.0293	5.239	-.0019
#2	5.262	5.275	.2720	1.022	1.084	.0377	5.196	-.0025

Elem	Mg2852	Mn2576	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.55	.33933	.0002	1.034	2.370	5.538	1.018	.4485
#1	12.56	.33965	.0000	1.043	2.385	5.587	1.021	.4337
#2	12.54	.33900	.0004	1.026	2.354	5.489	1.015	.4633

Elem	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361	V 2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.099	16.64	.03089	.0036	.0008	.0000	-.0056	10.31
#1	1.106	16.69	.03111	.0029	.0014	.0000	-.0064	10.36
#2	1.093	16.59	.03067	.0042	.0002	-.0001	-.0069	10.25

Elem	Zr2138	Bi2230	S 1820
Units	ppm	ppm	ppm
Avg	>4.500	-.0015	1.843
#1	>0.92	-.0029	1.848
#2	>0.76	.0000	1.830

Int. Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4722.0	74918	4709.8
#1	4724.3	74817	4730.7
#2	4719.6	75019	4689.4

Sample Name: K2105948-003 Acquired: 6/12/2021 11:26:29 Type: Unk
Method: 2021 A 6010 :CP03(v58) Mode: CONC Corr. Factor: 1.000000
User: admin Division: 5 Test Type: E Sample Type:
Comment: AM 061221A 1/5 E

Elem	Al1670	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Ca2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0455	-.0013	-.0001	.0176	-.00009	.1389	.0002	.0002
#1	.0454	-.0012	.0029	.0172	-.00008	.1383	.0001	.0003
#2	.0455	-.0014	-.0030	.0180	-.00010	.1395	.0002	.0001

Elem	Ca3933	Cr2677	Co2007	Cu2247	Cu3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.336	.0006	.1854	.0525	.0563	.0512	-.0005	-.0011
#1	4.372	.0007	.1873	.0533	.0561	.0564	.0005	-.0015
#2	4.300	.0004	.1836	.0518	.0565	.0459	-.0014	-.0008

Elem	Mg2795	Mn2576	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si 2516
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.228	.18147	-.0001	.0263	2.468	6.867	.0020	.6891
#1	1.232	.18106	-.0001	.0266	2.495	6.828	.0025	.6905
#2	1.224	.18188	-.0001	.0260	2.444	6.907	.0014	.6877

Elem	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361	V 2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0010	19.03	.01751	.0033	.0010	-.0005	.0003	.2614
#1	-.0008	19.08	.01759	.0041	.0010	-.0006	.0011	.2633
#2	-.0012	18.98	.01742	.0025	.0010	-.0005	.0006	.2595

Elem	Zr2138	Bi2230	S 1820
Units	ppm	ppm	ppm
Avg	.2834	-.0006	1.548
#1	.2862	-.0016	1.561
#2	.2807	.0005	1.535

IM. Std	Y 2243	Y 3600	Y 3600 2
Units	Cts/S	Cts/S	Cts/S
Avg	4800.0	75263	4689.2
#1	4807.7	75277	4677.8
#2	4792.2	75250	4700.6

Sample Name: K2105948-001 Acquired: 6/12/2021 11:28:56 Type: Unk
Method: 2021 A 6010 ICP03(v5B) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 100 Test Type: E Sample Type:
Comment: AM 061221A 1:100 E

Elem	Al1670	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Ca2265	Ca3933
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128	-.0005	.0035	-.0021	.00001	.0282	.0000	.0002	1771
#1	.0132	.0012	.0017	-.0021	.00001	.0260	.0000	.0001	1794
#2	.0125	.0001	.0052	-.0021	.00001	.0304	.0001	.0002	1749

Elem	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707	Mg2795	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0010	7.675	-.0008	-.0005	-.0054	-.0019	-.0029	.0226	.00011
#1	-.0002	7.760	-.0009	-.0013	.0007	-.0018	.0022	.0229	.00010
#2	-.0018	7.590	-.0006	.0004	-.0114	-.0019	-.0037	.0223	.00013

Elem	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	.0005	-.0001	-.0720	.0010	-.0104	.0003	2.153	.00043
#1	-.0002	.0008	.0015	.1159	.0007	.0047	-.0006	2.192	.00051
#2	-.0002	.0003	-.0017	-.0281	.0013	-.0248	.0012	2.113	.00034

Elem	Tl1908	Sn1899	Ti3361	V 2924	Zn2062	Zr2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149	.0003	-.0003	.0008	.0006	.0007	-.0108	2462
#1	.0139	.0004	-.0002	.0011	.0007	.0007	-.0098	2494
#2	.0159	.0002	-.0005	.0006	.0006	.0008	-.0117	2431

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4792.2	74994	4680.5
#1	4796.6	74352	4654.5
#2	4787.7	75636	4706.5

Sample Name: K21D594B 005 Acquired: 6/12/2021 11:31:22 Type: Unk
Method: 2021A 6010 ICP03(v58) Mode: CONC Conv Factor: 1.000000
User: admin Dilution: 5 Test Type: E Sample Type:
Comment: AM 061221A 1/5 E

Elem	Al1670	Sb2068	As1890	Ba4554	Be2348	B 2496	Ca2144	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0409	.0022	-.0025	.0226	-.00015	.2009	.0001	.0002
#1	.0415	.0050	-.0026	.0222	-.00013	.2004	.0002	.0001
#2	.0403	-.0005	.0023	.0230	.00017	.2014	.0001	.0002

Elem	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li670.7
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.149	.0006	.3450	.0237	.0248	.0273	-.0015	-.0030
#1	5.102	.0003	.3475	.0235	.0246	.0274	.0012	.0005
#2	5.196	.0009	.3425	.0239	.0250	.0271	-.0019	-.0064

Elem	Mg2852	Mn2576	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.52	31354	.0002	.0495	2.143	5.143	.0017	4166
#1	11.56	31387	.0000	.0502	2.166	5.120	-.0008	4105
#2	11.49	31320	.0004	.0487	2.120	5.166	.0043	4228

Elem	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361	V 2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	17.98	.02833	.0029	.0007	.0001	.0010	.3787
#1	.0002	17.97	.02811	.0026	.0004	.0001	.0015	38[illegible]
#2	-.0005	17.98	.02855	.0032	.0010	.0000	.0004	.3763

Elem	Zr2138	Bi2230	S 1820
Units	ppm	ppm	ppm
Avg	.4087	.0006	1.988
#1	.4131	.0006	2.006
#2	.4043	.0006	1.969

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4779.7	74875	4752.7
#1	4784.9	74901	4770.6
#2	4774.6	74848	4724.7

Sample Name: CCVB Acquired: 6/12/2021 11:33:51 Type: QC
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin ID Number: 1 Test Type: Sample Type:
Comment:

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.237	11.52	-.0008	1.098	10.58	-.00012	-.0036	.0000
Stddev	.146	.02	.0056	.012	.09	.00007	.0016	.000
%RSD	1.776	.1432	683.7	1.048	.8116	61.423	43.56	206.4
#1	8.340	11.53	.0032	1.107	10.64	-.00007	-.0025	.0000
#2	8.133	11.51	.0048	1.091	10.52	.00017	-.0047	.0000
Check ?	None	Chk Fail	None	Chk Pass	Chk Pass	None	None	None
Value		10.00						
Range		10.44%						

Elem	Co2286	Ca3158	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	9.703	10.22	.0000	.0000	-.0005	-.0019	10.45
Stddev	.0002	.113	.08	.0001	.001	.0000	.0004	.10
%RSD	33.30	1.165	.7583	230.5	1.951	4.090	21.19	.9415
#1	.0005	9.783	10.27	.0001	.0004	-.0005	-.0016	10.52
#2	.0008	9.623	10.16	.0000	.0005	-.0005	-.0021	10.38
Check ?	None	Chk Pass	None	None	None	None	None	Chk Pass
Value								
Range								

Elem	Pb2203	Li6707	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014	1.137	9.888	9.719	10.72	.95589	.9991	.0002
Stddev	.0006	.000	.121	.086	.05	.00495	.0075	.0002
%RSD	40.38	.0374	1.224	.8879	.4890	.51801	.7532	89.41
#1	.0010	1.137	9.974	9.780	10.75	.96939	1.004	.0001
#2	.0018	1.137	9.803	9.658	10.68	.95239	.9938	.0004
Check ?	None	Chk Fail	Chk Pass	None	Chk Pass	None	Chk Pass	None
Value		1.000						
Range		10.44%						

Sample Name: CCVB Acquired: 6/12/2021 11:33:51 Type: QC
Method: 2021A 6010 :CP03(v58) Mode: CONC Corr Factor : 000000
User: admin Dilution: 1 Test Type Sample Type
Comment:

Elem	Ni2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049	10.36	F 11.43	.0005	10.75	-.0004	10.98	.97852
Stdev	.0005	.17	.07	.0025	.06	.0002	.03	.01104
%RSD	9.743	1.670	.6302	464.3	.5174	55.45	.3116	1.1279
#1	.0053	10.49	11.37	-.0012	10.78	-.0002	11.01	.98633
#2	.0046	10.24	11.48	.0023	10.71	-.0005	10.96	.97072
Check ?	None	Chk Pass	Chk Fail	None	Chk Pass	None	Chk Pass	Chk Pass
Value			10.00					
Range			10.44%					

Elem	Tl1908	Sn1899	Ti3361	V 2924	Zn2062	Zn2138	B 2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032	.0000	-.0002	.0008	.0003	.0005	1.053	F 1.173
Stdev	.0012	.000	.0000	.0014	.0002	.0000	.014	.014
%RSD	39.10	377.9	10.74	183.9	71.94	1.989	1.359	1.148
#1	.0023	-.0001	-.0002	-.0002	.0003	.0005	1.063	1.183
#2	.0041	.0000	-.0001	.0018	.0002	.0005	1.043	1.164
Check ?	None	None	None	None	None	None	Chk Pass	Chk Fail
Value								1.000
Range								10.44%

Int Std	Y 2243	Y 3600	Y 3600.2
Units	Cts/S	Cts/S	Cts/S
Avg	4729.3	73696	4673.2
Stddev	27.7	20	23.5
%RSD	.58465	.02702	.50262
#1	4702.8	73682	4656.6
#2	4745.9	73710	4689.8

Sample Name: CCVB Acquired: 6/12/2021 11:36:19 Type: QC
Method: 2021A 6010 ICP03(v58) Mode: CONC Conf Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment: BCRUN

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.932	11.21	.0007	1.048	10.07	-.00013	-.0036	.0000
Stddev	.234	.03	.0022	.057	.22	.00007	.0001	.0000
%RSD	2.952	.2425	295.9	4.583	2.166	52.150	3.911	93.00
#1	8.098	11.23	.0022	1.085	9.914	-.00008	.0037	.0000
#2	7.767	11.20	-.0008	1.011	10.22	-.00018	-.0035	.0000
Check ?	None	Chk Fail	None	Chk Pass	Chk Pass	None	None	None
Value		10.00						
Range		10.44%						

Elem	Cd2265	Ca3158	Ca3933	Cr2677	Cu2307	Cu2247	Cu3273	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009	9.142	9.386	-.0001	.0004	-.0004	-.0015	9.950
Stddev	.0001	.155	.117	.0009	.0005	.0002	.0007	.183
%RSD	6.770	1.605	4.447	1442.	116.4	51.25	44.93	1.843
#1	.0008	9.033	9.091	-.0007	.0007	-.0003	-.0010	9.820
#2	.0007	9.252	9.681	.0006	.0001	-.0006	-.0020	10.08
Check ?	None	Chk Pass	None	None	None	None	None	Chk Pass
Value								
Range								

Elem	Pb2203	Li6707	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024	1.095	9.438	9.181	10.35	.92430	.9618	-.0003
Stddev	.0021	.007	.251	.133	.08	.00583	.0142	.0003
%RSD	87.03	.6650	2.663	1.444	.7851	.63113	1.481	105.4
#1	.0009	1.090	9.260	9.087	10.29	.92018	.9517	-.0001
#2	.0040	1.100	9.616	9.275	10.41	.92843	.9719	-.0005
Check ?	None	Chk Pass	Chk Pass	None	Chk Pass	None	Chk Pass	None
Value								
Range								

Sample Name CCVB Acquired 6/12/2021 11:36:19 Type QC
Method 2021A 6010 ICP03(vSB) Mode CONC Corr Factor 1.000000
User admin Dilution 1 Test Type Sample Type
Comment RERUN

Elem	Ni2216	P 1782	K 7664	Se1990	Si2516	Ag3280	Na5890	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047	9.913	F 11.05	-.0006	10.35	-.0006	10.61	.93099
Stddev	.0007	.397	.07	.0007	.12	.0000	.10	.01387
%RSD	14.41	4.007	.6030	103.4	1.182	6.366	.9226	1.4903
#1	.0051	10.19	11.00	.0002	10.26	-.0006	10.54	.92117
#2	.0042	9.633	11.10	-.0011	10.44	-.0005	10.68	.94080
Check ?	None	Chk Pass	Chk Fail	None	Chk Pass	None	Chk Pass	Chk Pass
Value			10.00					
Range			10-44%					

Elem	Tl1908	Sn1899	Ti3361	V 2924	Zn2062	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024	.0001	-.0002	.0000	.0008	.0011	1.017	F 1.121
Stddev	.0006	.0001	.0003	.001	.0006	.0009	.040	.051
%RSD	24.53	54.97	165.6	2121	81.97	78.03	3.939	4.573
#1	.0020	.0002	.0000	-.0006	.0012	.0017	1.046	1.158
#2	.0028	.0001	-.0003	.0005	.0003	.0005	.9891	1.085
Check ?	None	None	None	None	None	None	Chk Pass	Chk Fail
Value								1.000
Range								10-44%

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4721.0	74001	4745.3
Stddev	17.2	745	24.9
%RSD	.36430	1.0070	.52560
#1	4733.3	74508	4762.9
#2	4708.5	73475	4727.6

Sample Name: CCVA Acquired: 6/12/2021 11:39:25 Type: QC

Method: 2021A 6010 (CP03[v58]) Mode: CCNC Conv Factor: 1.000000

User: admin Dilution: 1 Test Type: Sample Type:

Comment:

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Ca2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2654	.2918	.2726	.2728	.2545	.26947	.2641	.2470	.2425
Stddev	.0012	.0071	.0014	.0012	.0006	.00069	.0017	.0006	.0001
%RSD	.4492	2.436	.5197	.4422	.2229	2.5548	.6500	.2342	.0431
#1	.2662	.2968	.2736	.2720	.2549	.26996	.2653	.2475	.2425
#2	.2645	.2868	.2716	.2737	.2541	.26898	.2629	.2466	.2426
Check ?	Chk Pass	None	Chk Pass	None	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ca3158	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4781	.5045	.2519	.2494	.2540	.2595	.2599	.2595	.0017
Stddev	.0002	.0030	.0001	.0000	.0001	.0037	.0089	.0004	.0015
%RSD	.0393	.5852	.0580	.0066	.0450	1.423	3.440	.1369	83.94
#1	.4780	.5066	.2520	.2494	.2541	.2621	.2536	.2593	.0007
#2	.4782	.5024	.2518	.2494	.2539	.2569	.2662	.2598	.0028
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	None
Value									
Range									

Elem	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020	Ni2216	P 1782	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2394	.2371	.2579	.23594	.2378	.2488	.2481	-.0020	2.729
Stddev	.0231	.0005	.0007	.00233	.0037	.0005	.0000	.0016	.028
%RSD	9.662	.2047	.2761	.98786	1.539	.1866	.0189	79.85	1.035
#1	.2556	.2367	.2574	.23759	.2404	.2470	.2481	-.0009	2.749
#2	.2231	.2374	.2584	.23430	.2352	.2463	.2480	-.0032	2.709
Check ?	None	Chk Pass	None	Chk Pass	None	Chk Pass	Chk Pass	None	None
Value									
Range									

Sample Name: CCVA Acquired: 6/12/2021 11:39:25 Type: QC
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Se1960	Si2516	Ag3280	Na5895	Sr4077	Ti1908	Sn1899	Ti3361	V 2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2531	1077	.2742	.3477	.00036	.2532	2516	2474	.2381
Stddev	0001	0026	0031	0055	00004	0014	0012	0017	0008
%RSD	.0371	2.454	1.135	1.588	10.106	5638	4897	6787	3339
#1	2532	1059	2764	3435	00039	2522	2525	2485	2386
#2	2530	1096	2720	3518	00034	2542	2508	2462	2375
Check ?	Chk Pass	None	Chk Pass	None	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value Range									

Elem	Zn2062	Zn2138	Bi2230	Sb1820
Units	ppm	ppm	ppm	ppm
Avg	.2507	.2726	-.0025	.0001
Stddev	0007	0001	0021	0027
%RSD	.2894	0208	83.84	2782
#1	2512	2726	-.0039	0020
#2	2502	2727	0010	0018
Check ?	Chk Pass	Chk Pass	None	None
Value Range				

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4744.8	75834.	4584.8
Stddev	3.5	395.	11.6
%RSD	.07353	.52136	.24769
#1	4742.4	75555	4578.5
#2	4747.3	76114	4591.0

Sample Name: CCB Acquired: 6/12/2021 11:41:56 Type: QC
Method: 2021A 6010 : CP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	-.0030	-.0006	-.0006	-.0013	-.00010	-.0033	.0000
Stddev	.0001	.0016	.0028	.0015	.0000	.00001	.0005	.000
%RSD	17.38	55.17	456.0	228.4	2.564	12.815	14.79	15.59
#1	.0003	.0018	.0026	.0017	.0013	-.00009	-.0030	.0000
#2	.0003	-.0041	.0014	.0004	-.0014	-.00010	.0037	.0000
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Co2265	Ca3158	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	-.0036	.0004	-.0003	-.0002	-.0001	.0010	-.0028
Stddev	.0001	.0114	.0000	.0006	.0000	.0005	.0009	.0006
%RSD	98.08	317.0	9.840	218.5	6.958	604.0	87.50	23.77
#1	.0000	-.0116	.0004	.0002	-.0002	.0003	.0017	-.0031
#2	.0002	.0045	.0004	.0007	.0002	.0004	.0004	-.0022
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Pb2203	Li6707	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0017	-.0032	-.0238	.0001	.0051	-.00007	.0018	.0004
Stddev	.0011	.0016	.0211	.0001	.0033	.00016	.0006	.0001
%RSD	64.38	50.27	88.55	138.1	65.44	225.17	32.25	18.64
#1	-.0025	-.0043	-.0387	.0002	.0027	.00004	.0014	.0003
#2	-.0009	-.0020	.0089	.0000	.0074	.00018	.0022	.0004
Check ?	Chk Pass	Chk Pass	None	Chk Pass	None	Chk Pass	None	Chk Pass
High Limit								
Low Limit								

Sample Name: CCB Acquired: 6/12/2021 11:41:56 Type: QC
Method: 6021A 6010 ICP03(v59) Mode: CONC Conv Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Ni2216	P 1782	K 7664	Sn1960	Sr2515	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	-.0013	-.0513	.0031	-.0040	-.0007	.0507	.00015
Stddev	.000	.0017	.0890	.0006	.0248	.0009	.0062	.00014
%RSD	160.8	89.78	173.6	19.66	623.4	117.9	12.26	89.650
#1	-.0001	-.0021	.0117	.0026	.0136	-.0013	.0463	.00006
#2	.0000	-.0005	-.1142	.0035	-.0215	-.0001	.0550	.00025
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Ti1908	Sn1899	Ti3361	V 2924	Zn2062	Zn2138	B 2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018	.0000	-.0007	-.0004	.0000	.0000	.0017	.0023
Stddev	.0005	.001	.0000	.0005	.000	.000	.0020	.0020
%RSD	26.70	12110	3.379	137.5	2328	156.4	115.3	83.89
#1	.0023	.0004	-.0007	-.0008	-.0007	-.0001	-.0032	.0010
#2	.0016	.0004	-.0007	.0000	.0002	.0000	-.0003	.0037
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4748.9	75494.	4672.5
Stddev	16.8	535	32.8
%RSD	.35334	.70893	.70295
#1	4760.7	75877	4685.7
#2	4737.0	75112	4649.3

Sample Name: K2105948-006 Acquired 6/12/2021 11:45:26 Type: Unk
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 5 Test Type: E Sample Type:
Comment: AM 061221A 1/5 E

Elem	Al1670	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0431	.0011	.0006	.0233	-.00005	.1985	.0002	.0002
#1	.0433	-.0011	-.0008	.0235	-.00003	.1992	.0002	.0002
#2	.0428	.0034	.0019	.0232	-.00007	.1978	.0002	.0002

Elem	Ca3933	Cr2677	Co2207	Cu2247	Cu3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.172	.0003	.3554	.0246	.0262	.0333	-.0011	-.0028
#1	5.142	.0004	.3555	.0247	.0260	.0273	-.0001	-.0035
#2	5.202	.0003	.3554	.0252	.0264	.0393	-.0020	.0027

Elem	Mg2852	Mn2576	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si 2516
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.53	.31925	.0002	.0505	2.189	5.120	.0012	.4068
#1	11.56	.32053	.0002	.0508	2.191	5.102	-.0002	.4273
#2	11.50	.31798	.0002	.0502	2.186	5.138	.0027	.3863

Elem	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	I 3267	V 2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	17.99	.02879	.0034	.0008	.0002	.0000	.3879
#1	.0001	18.07	.02875	.0042	.0007	.0003	.0000	.3880
#2	.0011	17.91	.02884	.0025	.0010	.0001	.0001	.3872

Elem	Zr2138	Bi2230	S 1820
Units	ppm	ppm	ppm
Avg	.4185	-.0008	2.027
#1	.4180	-.0012	2.024
#2	.4189	-.0004	2.030

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4778.6	73695	4663.9
#1	4788.6	73450	4669.5
#2	4768.6	73940	4628.3

Sample Name: K2105948-007 Acquired: 6/12/2021 11:47:52 Type: Unk
Method: 2021A 6010ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 5 Test Type: E Sample Type:
Comment: AM 061221A 1:5 E

Elem	Al1670	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0408	-.0023	-.0010	.0230	-.00016	.2024	.0001	.0003
#1	0411	-.0003	-.0032	0230	-.00026	2048	0001	0002
#2	0404	-.0042	0013	0231	-.00005	2000	0001	0003

Elem	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li0707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.364	.0007	.5431	0236	.0259	.0309	-.0003	-.0032
#1	5.367	0005	5492	0236	0276	0271	-.0006	-.0051
#2	5.367	0006	5370	0236	0242	0347	-.0001	-.0013

Elem	Mg2852	Mn2576	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.03	32889	.0001	.0504	2.390	5.286	.0038	.4320
#1	12.09	32967	0001	0512	2.212	5.294	0043	4124
#2	11.97	32811	0001	0496	2.568	5.278	0033	4517

Elem	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361	V 2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0002	18.23	.03007	.0034	.0011	.0001	0001	3891
#1	0011	18.33	02995	0024	0008	0003	0001	.3838
#2	0006	18.13	03019	0044	0014	-.0001	0002	3844

Elem	Zn2138	B 2230	S 1820
Units	ppm	ppm	ppm
Avg	.4179	-.0004	2.012
#1	4236	-.0008	2.034
#2	4122	0000	1.990

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	47900.5	73808	46491
#1	48243	74055	46755
#2	47556.7	73560	46216

Sample Name. KQ2110186-02 Acquired 6/12/2021 11.50 18 Type. Unk
Method 2021A 6010 ICP03(v58) Mode. CONC Corr Factor. 1.000000
User. admin Dilution 1 Test Type. Sample Type.
Comment AM 061221A K2106532-MB

Elem	Al1670	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016	-.0008	.0016	-.0019	-.00006	-.0024	.0000	.0000
#1	.0016	.0008	.0022	-.0022	-.00010	-.0014	.0000	.0000
#2	.0016	-.0024	.0011	-.0016	-.00001	-.0034	.0000	.0001

Elem	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0000	-.0003	.0000	-.0007	-.0008	-.0016	-.0004
#1	.0004	.0002	-.0004	.0004	.0002	.0058	-.0013	.0008
#2	.0006	-.0002	-.0003	-.0005	-.0017	-.0073	-.0018	-.0015

Elem	Mg2795	Mn2576	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	-.00012	.0002	-.0002	.0219	-.0331	.0020	.0091
#1	.0003	.00009	.0001	.0000	.0208	-.0631	.0016	.0103
#2	.0005	-.00015	.0002	-.0003	.0231	-.0032	.0025	.0080

Elem	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361	V 2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0008	.0507	.00020	.0029	-.0004	.0000	.0000	.0000
#1	-.0005	.0528	.00027	.0032	-.0002	-.0002	.0003	.0001
#2	.0011	.0487	.00014	.0027	.0005	.0001	-.0003	-.0001

Elem	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm
Avg	.0001	.0023	-.0021
#1	.0000	.0014	-.0041
#2	.0002	.0031	-.0001

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4830.0	74782	4699.0
#1	4822.4	74621	4685.6
#2	4837.6	74942	4712.4

Sample Name: KQ2110185 D1 Acquired: 6/12/2021 11:52:46 Type: Lnx
Method: 2021A 6010 (CP03[v59]) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment: AM 061721A KP105532-LCSW

Elem	Ag3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Cd2265	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.565	2.014	2.477	4.707	.12929	.4996	1.110	1.085	10.97
#1	5.619	2.060	2.526	4.559	.13033	.5050	1.130	1.104	10.60
#2	5.511	1.968	2.428	4.856	.12826	.4942	1.090	1.066	11.35

Elem	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707	Mg2852	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4783	1.099	.5468	.6081	2.356	2.337	.0003	12.44	1.1066
#1	4807	1.121	.5568	.6110	2.279	2.380	.0019	12.23	1.1115
#2	4759	1.077	.5367	.6052	2.432	2.294	-.0014	12.65	1.1016

Elem	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9001	1.076	.0190	13.24	2.328	.0106	.6536	12.68	.00059
#1	.9163	1.096	.0187	13.12	2.366	.0240	.6595	12.46	.00069
#2	.8840	1.057	.0193	13.35	2.290	-.0028	.6477	12.90	.00049

Elem	Tl1908	Sn1899	Ti3361	V 2924	Zn2062	Zr2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.267	.0009	-.0002	1.133	1.110	1.206	.0000	.0042
#1	2.308	.0016	-.0005	1.139	1.132	1.229	.0014	.0058
#2	2.225	.0002	.0002	1.126	1.088	1.184	-.0013	.0025

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cps/S	Cps/S	Cps/S
Avg	4793.9	74405	4820.8
#1	4797.2	74634	4918.8
#2	4790.5	74305	4734.9

Sample Name: KQ2110186-03 Acquired 6/12/2021 11:55:02 Type: Unk
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type Sample Type
Comment: AM 061221A K2105532-LCSW S:

Elem	Al1670	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Ca2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025	.0012	.0013	-.0014	-.00011	-.0008	.0000	.0002
#1	.0024	.0001	.0014	-.0013	-.00012	-.0009	.0000	.0001
#2	.0026	.0022	.0013	-.0015	-.00010	-.0006	.0000	.0002

Elem	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015	-.0003	-.0002	-.0003	.0001	-.0073	.0004	.0007
#1	.0015	.0005	-.0002	-.0004	.0000	-.0141	.0007	.0021
#2	.0014	-.0010	-.0001	-.0003	.0002	-.0006	.0000	-.0011

Elem	Mg2795	Mn2576	Mo2020	Ni2216	P 1782	K 7664	Se1960	S 2516
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	-.00001	.0015	.0048	.0197	-.1237	.0010	9.883
#1	.0012	-.00004	.0017	.0050	.0208	.1183	.0030	9.848
#2	.0010	.00003	.0013	.0046	.0185	-.1291	-.0010	9.918

Elem	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361	V 2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0011	.0627	.00037	.0017	-.0001	-.0002	-.0001	.0001
#1	.0023	.0632	.00052	.0015	-.0004	-.0003	.0005	.0001
#2	.0001	.0622	.00023	.0019	.0001	.0000	.0007	.0001

Elem	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm
Avg	.0003	.0035	.0003
#1	.0003	.0008	-.0021
#2	.0003	.0002	.0028

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	48823	76431	47975
#1	48777	76182	47791
#2	48870	76681	48159

Sample Name: K2105532-001 Acquired: 6/12/2021 11:57:32 Type: Unk
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment: AM 061221A

Elem	Al1670	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0583	.0005	2556	.0397	-.00006	7713	.0000	.0001
#1	.0601	.0016	2659	.0380	-.00008	7734	.0000	.0002
#2	.0566	-.0007	2453	.0413	-.00004	7692	.0000	-.0001

Elem	Ca3158	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	94.14	.0003	-.0003	.0003	-.0009	.2528	-.0011	-.0015
#1	90.39	.0004	.0004	.0010	.0001	.2393	-.0020	-.0035
#2	97.90	.0003	-.0002	-.0004	-.0018	.2662	.0003	.0005

Elem	Mg2852	Mn2576	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.78	.23971	.0846	.0006	.0050	12.03	.0028	.5230
#1	17.29	.23955	.0871	.0006	.0079	11.71	.0052	.5054
#2	18.26	.23987	.0822	.0006	.0022	12.35	.0005	.5406

Elem	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361	V 2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0004	6.584	2.5111	.0027	-.0004	-.0001	.0029	.0007
#1	-.0008	6.390	2.4020	.0023	-.0004	.0001	.0029	.0007
#2	.0000	6.777	2.6201	.0031	-.0003	-.0002	.0028	.0007

Elem	Zr2138	Bi2230	S 1820
Units	ppm	ppm	ppm
Avg	.0007	.0014	12.40
#1	.0008	.0011	12.79
#2	.0007	.0018	12.02

Int. Std	Y 2243	Y 3600	Y 3600 2
Units	Cts/S	Cts/S	Cts/S
Avg	4687.3	74213	4966.0
#1	4695.3	74310	5032.8
#2	4679.3	74117	4899.2

Sample Name: K2105532-001L Acquired: 6/12/2021 12:00:02 Type: Unk
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 5 Test Type: Sample Type:
Comment: AM 061221A 1/5

Elem	Al1670	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Ca2265	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129	-.0024	.0531	.0071	.00000	1538	.0000	.0001	20.29
#1	.0129	-.0042	.0525	.0068	-.00002	1550	.0000	.0001	20.33
#2	.0129	.0006	.0537	.0074	.00001	1527	.0000	.0001	20.24

Elem	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707	Mg2795	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0007	-.0006	.0003	.0001	.0520	-.0024	.0010	3.275	.04931
#1	-.0007	-.0007	-.0002	.0004	.0463	-.0026	-.0020	3.287	.04908
#2	-.0007	-.0005	.0009	-.0001	.0578	-.0023	.0040	3.268	.04954

Elem	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178	.0003	-.0003	2.417	.0009	.0829	-.0014	1.360	.53357
#1	.0178	.0003	-.0004	2.355	-.0005	.0773	-.0007	1.356	.53493
#2	.0178	.0002	.0001	2.480	.0023	.0885	-.0021	1.364	.53221

Elem	Tl1908	Sn1899	Ti3361	V 2924	Zn2062	Zr2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018	-.0002	.0000	.0009	.0002	.0004	.0014	2.578
#1	.0016	-.0008	.0000	.0005	.0001	.0004	.0024	2.593
#2	.0020	.0005	.0000	.0013	.0003	.0005	.0003	2.563

Int. Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4754.5	74212	4698.7
#1	4763.4	74732	4679.7
#2	4745.7	73691	4717.7

Sample Name: K0211018B-04 Acquired: 6/12/2021 12:02:33 Type: Unk
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment: AM 061221A K2105532-001D

Elem	Al1670	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Ca2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0620	-.0044	.2638	.0435	-.00020	.7688	.0000	.0001
#1	0626	-.0060	2651	0438	-.00027	7734	0000	0000
#2	0613	-.0028	2625	0433	-.00013	7602	0000	0001

Elem	Cr3158	Cr2677	Co2307	Cu2247	Cr3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	100.9	.0010	-.0001	-.0003	.0000	.2623	-.0017	-.0014
#1	101.3	0014	-.0004	-.0005	-.0001	2672	-.0025	0015
#2	100.5	0007	0003	-.0002	0001	2575	-.0010	-.0013

Elem	Mg2852	Mn2576	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si 2516
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.18	24249	.0887	.0002	.0104	12.39	.0009	.5241
#1	18.20	24305	.0888	.0004	.0097	12.36	-.0020	.5296
#2	18.16	24194	.0885	.0000	.0111	12.42	.0039	.5186

Elem	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361	V 2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0009	6.790	2.6997	.0022	.0000	-.0004	.0030	.0004
#1	.0000	6.775	2.7049	.0030	.0008	-.0002	.0031	.0006
#2	.0017	6.804	2.6946	.0014	-.0007	-.0006	.0030	.0002

Elem	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm
Avg	.0009	.0007	12.70
#1	.0010	.0015	12.77
#2	.0007	-.0001	12.62

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4614.4	73297	4737.0
#1	4618.3	73745	4721.7
#2	4610.5	72849	4752.4

Sample Name: KQ2110186-06 Acquired: 6/12/2021 12:05:09 Type: Unk
Method: 2021A 601C ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment: AM 061221A K2105537 007S

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.837	2.172	.4839	1.288	1.005	.04994	1.235	.0439	.0430
#1	1.857	2.193	.4884	1.297	1.009	.05029	1.245	.0443	.0434
#2	1.818	2.151	.4794	1.280	1.001	.04959	1.224	.0436	.0427

Elem	Ca3158	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	106.8	.1878	.4421	.2201	.2378	1.217	.4560	-.0034	27.29
#1	107.2	.1887	.4466	.2228	.2387	1.216	.4586	-.0055	27.34
#2	106.4	.1869	.4376	.2173	.2369	1.218	.4534	-.0014	27.23

Elem	Mn2576	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.66660	1.027	.4315	.0059	22.21	.9365	.5048	.0488	16.71
#1	.66926	1.038	.4358	.0051	22.22	.9452	.4872	.0488	16.79
#2	.66395	1.017	.4272	.0068	22.20	.9278	.5224	.0489	16.63

Elem	Sr4077	Tl1908	Sn1899	Ti3361	V 2924	Zn2062	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6272	.1843	.0002	-.0003	.4584	.4434	.4707	.0001	12.16
#1	2.6478	.1849	.0001	.0002	.4618	.4480	.4752	-.0015	12.25
#2	2.6066	.1837	.0005	-.0006	.4551	.4388	.4662	.0018	12.07

Int Std	Y 2243	Y 3600	Y 3600 2
Units	Cts/S	Cts/S	Cts/S
Avg	4633.7	72991	4649.2
#1	4631.6	73113	4631.7
#2	4635.8	72868	4666.6

Sample Name: KQ2130186-06 Acquired: 6/12/2021 12:07:29 Type: Unk
Method: 2021A 6010 ICPD3(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment: AM 061221A K2105532-001S Si

Elem	Al1670	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0627	-.0018	.2713	.0426	-.00005	.7747	.0000	.0000
#1	0633	-.0030	2747	0427	-.00010	7794	0000	0001
#2	0622	-.0006	2679	0425	00000	7700	0000	0002

Elem	Ca3158	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	100.8	.0010	-.0003	0003	.0001	.2778	.0018	0000
#1	101.2	0013	-.0007	0002	0002	2699	0024	-.0028
#2	100.4	0006	0002	0003	0000	2857	0011	0029

Elem	Mg2852	Mn2576	Mo2020	Ni2216	P 1782	K 7664	Se1900	Si2516
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.14	.24271	.0907	.0050	.0085	12.22	.0037	10.60
#1	18.22	24288	0917	0051	0074	12.30	0041	10.59
#2	18.07	24253	0897	0050	0096	12.14	0034	10.61

Elem	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361	V 2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0005	6.733	2.6972	.0032	.0001	-.0002	.0029	0010
#1	-.0009	6.734	2.7096	0032	0005	-.0002	0030	0010
#2	0000	6.732	2.6848	0031	-.0004	-.0002	0027	0010

Elem	Zn2138	B 2496	S 1820
Units	ppm	ppm	ppm
Avg	.0012	.0026	12.82
#1	0013	0033	12.83
#2	.0012	0018	12.81

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4641.4	73891.	4720.3
#1	4625.6	74263	4713.9
#2	4657.3	73519	4726.8

Sample Name CCVB Acquired 6/12/2021 12 10 04 Type DC
Method 2021A 601D ICP03(v58) Mode CONC Conv Factor 1 000000
User admin Dilution 1 Test Type Sample Type
Comment

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.299	F 11.55	.0008	F 1.117	10.62	-.00001	.0000	.0000
Stddev	126	01	.0028	008	.05	.00002	001	0000
%RSD	1 519	0805	300 8	6930	.5097	187 87	13420	172 5
#1	8 389	11 55	-.0012	1.123	10 58	-.00002	0010	0000
#2	8 210	11 56	0007	1 112	10 66	00000	0010	0000
Check ?	None	Chk Fail	None	Chk Fail	Chk Pass	None	None	None
Value		10 00		1 000				
Range		10 44%		10 44%				

Elem	Cd2265	Ca3158	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	0007	9.673	10 28	0000	0001	-.0002	-.0019	10.39
Stddev	0000	.014	05	0010	0002	0003	0020	06
%RSD	0916	1437	4643	13980	166 3	1'9 6	102 2	5955
#1	0007	9 663	10 31	0007	0000	- 0004	- 0005	10 35
#2	0007	9 682	10 24	- 0007	0003	0000	- 0034	10 44
Check ?	None	Chk Pass	None	None	None	None	None	Chk Pass
Value								
Range								

Elem	Pb2203	Li6707	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	F 1.138	9.858	9.626	- 10.72	.95366	1.001	.0009
Stddev	0014	000	053	041	[illegible] 00	00171	.004	0003
%RSD	870 7	0254	5347	.4238	.0121	.17891	3937	30 60
#1	0008	1 138	9 821	9 597	10,72	95245	1 004	0007
#2	0011	1.138	9 896	9 655	10 72	.95486	9987	0010
Check ?	None	Chk Fail	Chk Pass	None	Chk Pass	None	Chk Pass	None
Value		1 000						
Range		10.44%						

Sample Name: CCVB Acquired: 6/12/2021 12:10:04 Type: QC
Method: 2021A 601D ICP03(vSR) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Ni2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050	10.46	F 11.51	.0028	10.87	-.0001	10.97	98096
Stddev	.0002	.19	.03	.0008	.04	.0006	.01	.00500
%RSD	3.784	1.834	.0810	28.93	.3335	1142	.1082	5.1010
#1	.0049	10.59	11.50	.0034	10.69	-.0005	10.96	97742
#2	.0052	10.32	11.51	.0023	10.64	.0004	10.98	98450
Check ?	None	Chk Pass	Chk Fail	None	Chk Pass	None	Chk Pass	Chk Pass
Value			10.00					
Range			10.44%					

Elem	Tl1908	Sn1899	Ti3361	V 2924	Zn2062	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043	.0003	-.0001	.0000	.0003	.0004	1.066	F 1.187
Stddev	.0011	.0003	.0001	.001	.0001	.0001	.015	.018
%RSD	26.57	101.0	154.1	18930	25.52	14.04	1.404	1.508
#1	.0051	.0001	-.0001	-.0005	.0004	.0004	1.077	1.200
#2	.0035	.0005	.0000	.0005	.0003	.0004	1.056	1.175
Check ?	None	None	None	None	None	None	Chk Pass	Chk Fa
Value								1.000
Range								10.44%

Int Std	Y 2243	Y 3600	Y 3600 2
Units	Cts/S	Cts/S	Cts/S
Avg	4734.3	73398	4681.0
Stddev	2.9	127	22.8
%RSD	.06115	.17250	.48689
#1	4732.3	73209	4697.1
#2	4736.4	73488	4664.0

Sample Name: CCVB Acquired: 6/12/2021 12:12:32 Type: QC
Method: 2021A 6010 ICP03(v59) Mode: CCNC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment: REAcN

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.140	11.64	.0014	1.100	10.67	-.00009	-.0028	.0000
Stdev	.116	.02	.0030	.027	.00	.00005	.0015	.0001
%RSD	1.421	1.478	209.4	2.462	.0239	58.918	53.26	538.5
#1	8.222	11.65	-.0007	1.119	10.67	-.00005	.0038	.0000
#2	8.058	11.63	.0030	1.080	10.67	-.00013	-.0017	.0001
Check ?	None	Chk Fail	None	Chk Pass	Chk Pass	None	None	None
Value		10.00						
Range		10-14%						

Elem	Ca2265	Ca3158	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	9.882	10.34	.0001	.0001	-.0008	-.0024	10.60
Stdev	.0001	.110	.07	.0002	.0005	.0003	.0015	.03
%RSD	19.33	1.111	.6453	318.3	535.6	40.03	60.87	.2942
#1	.0007	9.959	10.30	-.0001	.0004	.0006	-.0034	10.62
#2	.0005	9.804	10.39	.0002	-.0003	-.0011	-.0014	10.58
Check ?	None	Chk Pass	None	None	None	None	None	Chk Pass
Value								
Range								

Elem	Pb2203	Li6707	Mg2790	Mg2795	Mg3852	Mn2576	Mn2605	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011	1.141	10.01	9.875	10.75	.95888	1.004	.0004
Stdev	.0021	.001	.12	.058	.08	.00351	.008	.0001
%RSD	195.6	.1168	1.221	.5912	.7312	.35636	.8374	15.54
#1	.0025	1.142	10.09	9.916	10.80	.96147	1.010	.0005
#2	-.0004	1.140	9.919	9.834	10.69	.95650	.9978	.0004
Check ?	None	Chk Fail	Chk Pass	None	Chk Pass	None	Chk Pass	None
Value		1.000						
Range		10-44%						

Sample Name: CCVB Acquired: 6/12/2021 12:12:32 Type: QC
Method: 2021A 6010 ICP03(V58) Mode: CONC Conv Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment: RERUN

Elem	Ni2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051	10.20	11.39	.0013	10.62	-.0016	10.95	.99427
Stddev	.0001	.18	.01	.0029	.05	.0008	.03	.00458
%RSD	2.917	1.762	.0183	227.5	.4519	50.26	.2528	.46086
#1	.0052	10.33	11.39	.0033	10.65	-.0010	10.97	.99751
#2	.0050	10.07	11.39	-.0008	10.58	-.0021	10.93	.99103
Check ?	None	Chk Pass	Chk Fail	None	Chk Pass	None	Chk Pass	Chk Pass
Value			10.00					
Range			10.44%					

Elem	Ti1908	Sn1899	Ti3361	V 2924	Zn2062	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029	-.0004	.0000	-.0003	.0002	.0004	1.049	1.170
Stddev	.0009	.0007	.0001	.0002	.0000	.0001	.022	.031
%RSD	32.73	165.0	246.4	95.25	11.43	27.30	2.060	2.899
#1	.0035	.0001	.0001	.0004	.0001	.0005	1.064	1.194
#2	.0022	-.0009	.0000	-.0001	.0002	.0003	1.033	1.146
Check ?	None	None	None	None	None	None	Chk Pass	Chk Fail
Value								1.000
Range								10.44%

Int Std	Y 2243	Y 3600	Y 3600.2
Units	Cts/S	Cts/S	Cts/S
Avg	4762.2	73107.	4587.1
Stddev	3.3	525	7.3
%RSD	.06885	.71828	.15909
#1	4754.5	72736	4592.3
#2	4769.9	73479	4582.0

Sample Name CCVA Acquired 6/12/2021 12 21 50 Type: QC
Method. 2021A 6010 ICP03(v58) Mode CONC Corr Factor 1.000000
User: admin Dilution 1 Test Type: Sample Type.
Comment:

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Ca2144
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2546	.2919	.2617	2669	2594	.26637	.2633	.2404
Stdev	.0023	0006	0035	0042	.0028	.00238	0007	0037
%RSD	9185	2094	1 342	1 587	1 094	.89163	1 422	1 534
#1	2563	2924	.2642	2699	2594	26805	2659	2430
#2	2530	2915	2592	2639	2564	26469	2606	2378
Check ?	Chk Pass	None	Chk Pass	None	None	Chk Pass	Chk Pass	Chk Pass
Value Range								

Elem	Co2265	Ca3158	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2339	.4744	.5218	2542	.2428	.2442	.2611	.2616
Stdev	.0024	0019	0056	0009	.0031	0042	0025	.0016
%RSD	1 026	3988	1.077	.3354	1 273	1.700	9756	5959
#1	2356	4731	5257	2548	2450	.2471	2629	2628
#2	2322	4758	5178	2536	2406	2412	2593	2605
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None
Value Range								

Elem	Pb2203	Li6707	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2558	.0014	2395	.2448	2611	23613	2430	.2375
Stdev	.0043	0017	0013	.0021	0057	00064	0014	0020
%RSD	1 676	117 6	5591	8431	2 184	27156	5740	1 075
#1	2589	0026	2405	2463	2652	23659	2440	2393
#2	2528	0002	2386	2433	2571	23568	2420	2357
Check ?	Chk Pass	None	None	Chk Pass	None	Chk Pass	None	Chk Pass
Value Range								

Sample Name CCVA Acquired 6/12/2021 12:21:50 Type: QC
Method 2021A 6010 (CP03;v59) Mode CONC Corr Factor 1.000000
User: admin Dilution: 1 Test Type Sample Type
Comment:

Elem	Ni2216	P 1782	K 7664	Se1960	Se2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2369	0003	2.727	.2461	.1024	F .2776	2968	00030
Stddev	0004	0020	041	.0017	.0036	0016	.0122	00002
%RSD	1.434	677.1	1.486	6757	3.538	6586	4.098	8.0580
#1	2394	-.0011	2.756	2473	.1050	2789	2882	00031
#2	2345	0017	2.698	2450	0999	2763	3054	00028
Check ?	Chk Pass	None	None	Chk Pass	None	Chk Fa	None	None
Value						2500		
Range						10.44%		

Elem	Tl1908	Sn1899	T 3361	V 2924	Zn2062	Zn2138	B 2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2491	2444	.2483	.2372	.2432	2630	.0013	.0009
Stddev	.0044	0038	.0008	0030	0034	.0043	0034	0020
%RSD	1.757	1.543	3198	1.262	1.414	1.523	273.0	209.2
#1	2522	2470	2489	2394	2457	2660	0037	0005
#2	2460	2417	2477	2351	2408	2600	-.0012	0023
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	None
Value								
Range								

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4785.9	74402.	4620.2
Stddev	17.2	439.	1.7
%RSD	.36038	.58970	.03606
#1	4798.1	74713	4619.3
#2	4773.7	74092	4621.4

Sample Name CCB Acquired 6/12/2021 12:25:05 Type QC
Method 2021A 601D ICP03(v58) Mode CONC Corr. Factor 1.000000
User: admin Dilution 1 Test Type. Sample Type.
Comment

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003	-.0033	.0023	-.0023	-.0013	-.00004	-.0026	.0000
Stddev	.0001	.0037	.0027	.0028	.0002	.00008	.0019	.000
%RSD	30.76	112.7	117.8	123.2	18.20	214.05	74.26	136.5
#1	.0003	-.0060	.0042	-.0003	-.0015	.00002	.0012	-.0001
#2	.0002	.0007	.0004	-.0042	-.0011	-.00010	-.0039	.0000
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2265	Ca3158	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0030	.0012	-.0010	-.0006	-.0003	.0000	-.0077
Stddev	.0000	.0064	.0002	.0003	.0002	.0005	.0000	.0039
%RSD	277.4	216.6	17.78	31.19	33.59	164.4	153.0	50.93
#1	.0000	.0075	.0014	-.0008	-.0007	.0006	.0001	-.0049
#2	.0000	-.0016	.0011	-.0012	-.0005	.0000	.0000	-.0105
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Pb2203	Li6707	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0006	.0047	-.0043	.0002	-.0009	-.00005	.0031	.0005
Stddev	.0006	.0004	.0359	.0001	.0017	.00011	.0023	.0001
%RSD	96.99	7.796	829.1	81.79	188.5	208.89	75.60	20.39
#1	-.0011	-.0049	-.0297	.0003	.0003	-.00013	.0047	.0005
#2	-.0002	-.0044	.0210	.0001	-.0021	.00003	.0014	.0006
Check ?	Chk Pass	Chk Pass	None	Chk Pass	None	Chk Pass	None	Chk Pass
High Limit								
Low Limit								

Sample Name: CCB Acquired: 9/12/2021 12:25:05 Type: QC
Method: 2021A 6010 ICP03(v58) Mode: CONC Conv Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Ni2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	-.0008	-.0973	.0039	-.0316	-.0002	.0452	.00017
Stddev	.000	.0015	.0121	.0015	.0314	.0006	.0152	.00002
%RSD	2215	191.4	12.47	37.82	99.50	335.6	33.53	11.878
#1	-.0002	.0003	.0888	.0029	-.0538	.0003	.0346	.00015
#2	.0001	-.0019	-.1059	.0050	-.0094	.0008	.0559	.00018
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Ti1908	Sn1899	Ti3361	V 2924	Zn2062	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019	-.0004	-.0002	-.0002	-.0001	.0001	.0007	.0013
Stddev	.0013	.0006	.0002	.0010	.0001	.0000	.0008	.0006
%RSD	68.45	167.7	94.49	456.1	122.1	35.12	110.8	45.97
#1	.0010	.0001	-.0001	-.0010	.0000	.0001	.0013	.0017
#2	.0028	-.0008	.0003	.0005	-.0002	.0001	.0002	.0009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4720.3	74173.	4564.4
Stddev	7.0	167	18.9
%RSD	.14922	.22552	4.1364
#1	4725.3	74054	4551.0
#2	4715.3	74291	4577.7

Sample Name K2105532-001A Acquired 6/12/2021 12:28:09 Type: Unk
Method. 202'A 6010 ICP03(v58) Mode CONC Corr Factor 1.000000
User initials Dilution 1 Test Type. Sample Type
Comment AM 061221A 0.05/10mL CICV: 3 + S 1000ppm

Elem	Al3941	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Cd2265	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.080	.0018	3.028	5.781	.15022	.7476	1.249	1.218	112.6
#1	6.073	.0004	3.032	5.783	.15043	.7456	1.250	1.219	112.6
#2	6.087	.0003	3.024	5.780	.15000	.7495	1.248	1.217	112.5

Elem	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707	Mg2852	Mn2576
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5629	1.329	.6652	.6903	3.140	2.624	-.0004	32.18	1.5174
#1	.5589	1.330	.6635	.6886	3.155	2.618	.0006	32.27	1.5102
#2	.5669	1.328	.6668	.6921	3.125	2.630	-.0015	32.06	1.5246

Elem	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0876	1.301	.0065	27.63	2.594	6.293	.7258	21.41	2.6541
#1	.0874	1.303	.0063	27.74	2.594	6.316	.7254	21.47	2.6557
#2	.0878	1.300	.0066	27.51	2.594	6.269	.7261	21.35	2.6524

Elem	Tl1908	Sn1899	Ti3361	V 2924	Zn2062	Zr2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.482	.0002	-.0002	1.341	1.334	1.420	.0001	12.65
#1	2.478	.0000	.0000	1.335	1.336	1.423	.0010	12.68
#2	2.486	.0004	-.0005	1.348	1.332	1.416	.0012	12.62

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	46218	72435.	46782
#1	46281	72731	45925
#2	46155	72065	45640

Sample Name K2105532 002 Acquired 6/12/2021 12:30:31 Type Unk
Method 202'A 6010 ICP03(v58) Mode CONC Corr Factor. 1.000000
User: admin Dilution 1 Test Type. Sample Type.
Comment AM 061227 A

Elem	Al1670	Sb2068	As1890	Be4554	Be2348	B 2496	Cd2144	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0711	.0009	.2681	.3368	-.00008	13.67	.0000	.0001
#1	0713	.0017	2684	3374	-.00013	13.69	0000	0000
#2	0708	0000	2678	.3362	00002	13.64	.0001	0002

Elem	Ca3158	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	223.0	.0010	-.0001	0000	.0004	.4123	-.0003	.0008
#1	222.7	0008	0000	.0002	.0014	4031	-.0009	-.0006
#2	223.3	0013	-.0002	0003	0021	4215	0003	0010

Elem	Mg2790	Mn2576	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	93.27	.08138	5143	.0008	.0026	27.53	0002	8883
#1	92.86	09177	5150	0013	0045	27.89	0005	9136
#2	93.69	.09099	5135	0002	.0008	27.18	.0001	8631

Elem	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361	V 2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0013	102.0	4.3957	0033	0003	-.0014	.0034	.0008
#1	.0019	102.9	4.4004	0022	.0008	.0008	0031	.0008
#2	.0006	101.2	4.3910	0044	0001	.0020	0037	.0007

Elem	Zr2138	Ba2230	S 1820
Units	ppm	ppm	ppm
Avg	.0009	.0039	348.7
#1	0007	0054	348.1
#2	0011	0014	349.2

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4445.8	70513.	4538.4
#1	4420.6	70282	4587.8
#2	4402.0	70744	4489.1

Sample Name K2105532-003 Acquired 6/12/2021 12:33:02 Type: Unk
Method: 2021 A 6010 ICP03(v58) Mode: CONC Corr Factor 1.000000
User: [illegible] Dilution: 1 Test Type Sample Type
Comment: AM 061221A

Elem	Al1670	Sb2068	As1890	Ba1554	Be2348	B 2496	Cd2144	Ca2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0672	.0003	.2571	.3368	.00001	13.65	-.0001	.0000
#1	0688	0007	2613	3310	-.00005	13.61	0000	0001
#2	0656	-.0001	2529	3422	00003	13.69	-.0001	-.0002

Elem	Ca3158	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	224.1	.0006	-.0001	0006	-.0012	4222	-.0006	-.0039
#1	222.4	0007	-.0004	0009	-.0004	4158	-.0025	0008
#2	225.7	0004	0001	0002	-.0020	4285	0013	-.0069

Elem	Mg2790	Mn2576	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	93.68	.09072	.4932	.0006	.0048	27.67	.0019	8792
#1	92.93	09137	5057	.0006	0038	27.39	-.0002	8502
#2	94.44	09007	4808	0007	0059	27.95	0040	9033

Elem	Ag3280	Na5895	Sr4077	Tl1908	Sn1899	Ti3361	V 2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	102.8	4.4272	.0022	.0006	-.0013	.0045	.0004
#1	0004	102.4	4.3785	0019	0000	-.0011	0045	0004
#2	-.0005	103.3	4.4759	0024	0012	0014	0044	0004

Elem	Zr2138	Bi2230	S 1820
Units	ppm	ppm	ppm
Avg	.0009	0023	339.1
#1	0010	0011	344.8
#2	0009	0035	333.3

Int Std	Y 2243	Y 3600	Y 3600.2
Units	Cts/S	Cts/S	Cts/S
Avg	4490.2	70286	4541.8
#1	4476.8	70025	4573.0
#2	4501.7	70548	4510.6

Sample Name: K2105532-004 Acquired: 6/12/2021 12:35:34 Type: Unk
Method: 2021A-601D-ICP03(v58) Mode: CONC Corr. Factor: 1.000000
User: admin Dilution: Test Type: Sample Type:
Comment: AM061221A

Elem	Al1670	Sb2068	As1890	Be4554	Be2348	B 2496	Cd2144	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024	-.0003	-.0009	-.0022	-.00007	.0360	.0000	.0000
#1	.0021	-.0026	.0006	-.0020	-.00007	.0373	.0000	.0000
#2	.0025	.0020	-.0024	.0025	.00008	.0346	.0000	.0000

Elem	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117	.0004	-.0001	-.0007	.0003	.0008	-.0028	-.0039
#1	.0122	.0009	-.0003	-.0012	.0007	.0006	-.0030	-.0033
#2	.0112	.0000	.0001	-.0003	-.0002	.0010	.0025	-.0044

Elem	Mg2795	Mn2576	Mo2020	Ni2216	P 1782	K 7664	Se1960	Si2516
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030	-.00001	.0011	.0001	.0277	-.0816	.0019	.0468
#1	.0031	.00003	.0011	.0002	.0283	-.0584	-.0004	.0407
#2	.0028	.00000	.0012	.0000	.0271	.1047	.0042	.0520

Elem	Ag3280	Na5895	Sr4077	Ti1908	Sn1899	Ti3361	V 2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0011	.0599	.00052	.0017	.0004	-.0004	.0006	.0015
#1	-.0007	.0505	.00056	.0017	.0007	-.0005	.0011	.0015
#2	-.0015	.0693	.00048	.0017	.0001	-.0003	.0000	.0015

Elem	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm
Avg	.0019	.0007	.0287
#1	.0019	-.0002	.0316
#2	.0019	.0015	.0258

Int. Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4805.6	74762.	4672.8
#1	4780.0	75110	4635.1
#2	4832.3	74413	4710.5

Sample Name: CCVB Acquired: 6/12/2021 12:38:05 Type: QC
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr. Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.973	F 11.30	-.0018	1.054	10.42	-.00011	.0201	.0000
Stdev	.338	.01	.0001	.045	.26	.00000	.0018	.000
%RSD	4.245	1.269	7.186	4.283	2.542	4.4176	9.099	549.8
#1	8.212	11.31	-.0019	1.086	10.23	-.00011	.0214	.0001
#2	7.733	11.29	.0017	1.023	10.61	-.00010	.0188	.0000
Check ?	None	Chk Fail	None	Chk Pass	Chk Pass	None	None	None
Value		10.00						
Range		10.44%						

Elem	Ca2265	Ca3158	Ca3933	Cr2677	Co2307	Cu2747	Cu3273	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	9.801	10.13	-.0003	.0000	-.0008	.0002	10.38
Stdev	.0002	.185	.42	.0007	.0004	.0003	.0016	.23
%RSD	25.98	1.923	4.138	214.8	1639.	38.03	1071	2.224
#1	.0005	9.470	9.837	.0002	-.0003	-.0006	-.0010	10.21
#2	.0007	9.731	10.43	-.0009	.0003	-.0010	.0013	10.54
Check ?	None	Chk Pass	None	None	None	None	None	Chk Pass
Value								
Range								

Elem	Pb2203	Li 6707	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019	F 1.105	9.909	9.684	10.37	.94789	.9805	.0000
Stdev	.0017	.004	.214	.181	.05	.00922	.0082	.000
%RSD	89.96	3.327	2.155	1.869	.4793	.97271	.8323	296.6
#1	.0007	1.102	9.757	9.556	10.33	.95441	.9747	.0000
#2	.0031	1.107	10.06	9.812	10.40	.94137	.9862	.0001
Check ?	None	Chk Fail	Chk Pass	None	Chk Pass	None	Chk Pass	None
Value		1.000						
Range		10.44%						

Sample Name CCVB Acquired 6/12/2021 12:38:05 Type QC
Method. 202 A 6010 (CP03v58) Mode CONC Corr Factor. 1.000000
User admin Dilution 1 Test Type Sample Type.
Comment

Elem	N 2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052	9.888	10.98	.0004	10.29	-.0006	10.58	.96827
Stddev	.0000	.485	.18	.0005	.07	.0000	.07	.01941
%RSD	8.041	4.918	1.651	119.4	.6892	5.099	.6388	2.0051
#1	.0052	10.21	10.85	.0001	10.24	.0006	10.53	.95454
#2	.0052	9.525	11.11	.0007	10.35	-.0006	10.63	.98200
Check ?	None	Chk Pass	Chk Pass	None	Chk Pass	None	Chk Pass	Chk Pass
Value								
Range								

Elem	Tl 1908	Sn1899	Ti3361	V 2924	Zn2062	Zn2138	Bi2230	Si 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024	.0003	-.0001	.0000	.0002	.0003	1.017	1.132
Stddev	.0003	.0005	.0004	.0014	.0001	.0002	.046	.052
%RSD	12.82	150.3	315.5	3228.	43.86	73.00	4.479	4.622
#1	.0027	.0000	.0002	.0011	.0002	.0004	1.050	1.169
#2	.0022	.0007	-.0004	-.0010	.0001	.0001	.9851	1.095
Check ?	None	None	None	None	None	None	Chk Pass	Chk Fail
Value								1.000
Range								10.44%

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	47276	72542	45377
Stddev	130	213	700
%RSD	2.7427	.29306	1.5419
#1	47183	72392	45871
#2	47369	72693	44682

Sample Name: CCVB Acquired: 6/12/2021 12:40:33 Type: QC
Method: 2021A 6010 ICP03(v58) Mode: CONC Cor. Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Al1670	As3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Ca2144
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.317	F 11.30	.0029	1.089	10.56	-.00009	.0132	.0000
Stdev	.116	.03	.0013	.021	.07	.00009	.0028	.0000
%RSD	1.390	2.659	44.09	1.889	.6816	105.26	20.96	142.7
#1	8.399	11.32	.0038	1.104	10.61	-.00002	.0152	.0000
#2	8.235	11.28	.0020	1.075	10.51	-.00015	.0113	.0000
Check ?	None	Chk Fail	None	Chk Pass	Chk Pass	None	None	None
Value		10.00						
Range		10.44%						

Elem	Cd2265	Ca3158	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008	9.813	10.18	.0001	.0000	-.0004	.0007	10.43
Stdev	.0002	.130	.13	.0003	.0001	.0003	.0000	.11
%RSD	23.41	1.321	1.325	431.9	424.1	89.73	5.269	1.069
#1	.0006	9.905	10.28	.0002	.0001	-.0001	.0006	10.51
#2	.0009	9.721	10.09	.0003	.0001	-.0006	.0007	10.35
Check ?	None	Chk Pass	None	None	None	None	None	Chk Pass
Value								
Range								

Elem	Pb2203	Li6707	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014	F 1.113	10.01	9.781	10.52	.95890	.9937	.0001
Stdev	.0007	.003	.13	.109	.01	.00053	.0069	.0003
%RSD	47.96	.2670	1.286	1.106	.1085	.05484	.6972	312.6
#1	.0009	1.111	10.10	9.858	10.53	.95928	.9946	-.0001
#2	.0019	1.115	9.919	9.705	10.52	.95853	.9888	.0003
Check ?	None	Chk Fail	Chk Pass	None	Chk Pass	None	Chk Pass	None
Value		1.000						
Range		10.44%						

Sample Name: CCVB Acquired: 6/12/2021 12:40:33 Type: QC
Method: 2021A 6010 ICP03(v59) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Ni2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052	10.36	F 11.15	.0012	10.45	.0004	10.75	.98997
Stddev	0000	16	08	0013	01	0006	00	00689
%RSD	3843	1.534	6969	108.3	0760	143.0	.0452	69632
#1	0052	10.48	11.09	0003	10.45	0009	10.75	99484
#2	0052	10.25	11.20	0021	10.46	0000	10.75	98510
Check ?	None	Chk Pass	Chk Fail	None	Chk Pass	None	Chk Pass	Chk Fail
Value			10.00					
Range			10.44%					

Elem	Tl1908	Sn1899	Ti3361	V 2924	Zn2062	Zr7138	B 2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025	-.0003	-.0002	.0003	.0002	.0004	1.058	F 1.156
Stddev	0007	0006	.0004	.0003	0001	0000	013	018
%RSD	27.97	237.1	222.9	105.0	50.92	2.176	1.261	1.571
#1	.0030	-.0007	-.0005	.0001	.0002	.0005	1.067	1.160
#2	.0020	.0002	.0001	.0005	.0001	.0004	1.048	1.143
Check ?	None	None	None	None	None	None	Chk Pass	Chk Fail
Value								1.000
Range								10.44%

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4684.3	72689	4536.3
Stddev	8.8	109	40.8
%RSD	.18821	.15042	.89907
#1	4690.9	72611	4507.5
#2	4678.7	72766	4565.1

Sample Name: CCVA Acquired: 6/[illegible]/2021 12:43:28 Type: QC
Method: 2021A 601D ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Al1670	As3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2661	.2949	.2729	.2734	.2587	.26602	.2745	.2482	.2442
Stddev	.0000	.0044	.0038	.0017	.0000	.00078	.0018	.0002	.0002
%RSD	.0031	1.479	1.405	.6036	.0183	2.941	.6666	.0861	.0988
#1	.2661	.2980	.2756	.2723	.2588	.26667	.2732	.2480	.2440
#2	.2661	.2918	.2702	.2746	.2587	.26547	.2758	.2483	.2444
Check ?	Chk Pass	None	Chk Pass	None	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value									
Range									

Elem	Ca3158	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599	Pb2203	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5056	.5200	.2543	.2519	.2531	.2604	.2607	.2608	.0028
Stddev	.0107	.0032	.0007	.0001	.0000	.0002	.0003	.0004	.0028
%RSD	2.123	.6088	.2795	.0339	.0161	.0734	.1090	.1434	99.89
#1	.5132	.5223	.2538	.2518	.2532	.2605	.2609	.2605	.0047
#2	.4980	.5178	.2548	.2517	.2531	.2603	.2605	.2611	.0009
Check ?	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	None
Value									
Range									

Elem	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020	Ni2216	P 1782	K 7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2472	.2465	.2575	.24009	.2385	.2487	.2491	-.0021	2.703
Stddev	.0157	.0022	.0025	.00045	.0042	.0002	.0002	.0005	.035
%RSD	6.332	.9079	1.006	.18897	1.776	.0538	.0875	26.45	1.302
#1	.2361	.2480	.2594	.24041	.2355	.2488	.2489	-.0025	2.728
#2	.2583	.2449	.2557	.23977	.2415	.2486	.2492	.0017	2.679
Check ?	None	Chk Pass	None	Chk Pass	None	Chk Pass	Chk Pass	None	None
Value									
Range									

Sample Name: CCVA Acquired: 6/12/2021 12:43:28 Type: QC
Method: 2021A 6010 :CP03(v58) Mode: CONC Corr. Factor: 1.000000
User: admin ID Number: 1 Test Type: Sample Type:
Comment:

Elem	Se1960	Si2516	Ag3280	Na5895	Sr4077	Ti1908	Sn1899	Ti3361	V 2924
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2519	1203	.2719	.3134	.00013	.2576	.2530	.2511	.2427
Stddev	.0018	.0317	.0006	.0082	.00008	.0015	.0006	.0007	.0015
%RSD	7.203	26.34	2.312	2.608	65.558	.5818	.2294	.2703	.6310
#1	.2532	.1427	.2715	.3076	.00007	.2565	.2526	.2506	.2416
#2	.2506	.0970	.2724	.3192	.00019	.2587	.2534	.2515	.2438
Check ?	Chk Pass	None	Chk Pass	None	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value Range									

Elem	Zn2062	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm
Avg	.2515	.2699	-.0005	.0035
Stddev	.0004	.0005	.0010	.0050
%RSD	.1394	.1881	203.4	144.8
#1	.2512	.2702	.0011	-.0001
#2	.2517	.2695	.0002	.0070
Check ?	Chk Pass	Chk Pass	None	None
Value Range				

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	47140.2	74137	45236
Stddev	9.9	349	16.0
%RSD	.21058	.47062	.35293
#1	47142	74384	45124
#2	47138.2	73890.	45349

Sample Name: LLCCV Acquired: 6/12/2021 12:48:31 Type: QC
Method: 2021A 6010 ICP03(v58) Mode: CONC Conv Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Al1670	As3944	Sb2068	As1890	Ba4554	Be2348	B 2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115	.0117	.0214	.0078	.0030	.00115	F .0275
Stddev	.0001	.0064	.0003	.0028	.0002	.00001	.0013
%RSD	1.260	54.61	1.462	36.09	6.312	93488	4.872
#1	.0113	.0072	.0212	.0058	.0031	.00115	.0284
#2	.0116	.0163	.0216	.0099	.0028	.00116	.0265
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value							.0200
Range							30.00%

Elem	Cd2144	Cd2265	Ca3158	Ca3933	Cr2677	Co2307	Cu2247
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010	.0012	F .0298	.0220	.0037	.0020	.0036
Stddev	.0000	.0002	.0164	.0000	.0007	.0003	.0000
%RSD	2.992	17.96	54.86	.2167	20.39	14.60	1.870
#1	.0010	.0011	.0183	.0220	.0031	.0023	.0036
#2	.0011	.0013	.0414	.0220	.0042	.0018	.0036
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value			.0200				
Range			30.00%				

Elem	Cu3273	Fe2599	Pb2203	Li6707	Mg2790	Mg2795	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043	.0189	.0089	.0210	.0085	.0055	F .0083
Stddev	.0004	.0078	.0016	.0036	.0036	.0002	.0015
%RSD	10.43	41.39	18.24	17.09	42.39	3.020	17.62
#1	.0040	.0244	.0101	.0236	.0110	.0056	.0072
#2	.0046	.0134	.0078	.0185	.0059	.0054	.0093
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	None	Chk Pass	Chk Fail
Value							.0050
Range							30.00%

Sample Name: LLCCV Acquired: 6/12/2021 12:48:31 Type: QC
Method: 2021A 6010D ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Mn2576	Mn2605	Mo2020	Ni2216	P 1782	K 7664	Se1960
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00083	.0024	.0046	.0042	.0397	.1666	.0193
Stddev	.00015	.0003	.0001	.0001	.0021	.0152	.0060
%RSD	18.074	13.32	1.669	2.772	5.349	9.125	31.14
#1	.00072	.0021	.0046	.0041	.0412	.1559	.0236
#2	.00094	.0026	.0045	.0043	.0382	.1774	.015[illegible]
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value							
Range							

Elem	Si2516	Ag3280	Na5895	Sr4077	Tl190B	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1930	.0051	.2407	F .00154	.0126	.0207	.0023
Stddev	.0182	.0004	.0009	.00034	.0009	.0002	.0001
%RSD	9.430	6.835	3.611	22.408	7.329	.9004	4.469
#1	.1801	.0049	.2413	.00178	.0120	.0208	.0024
#2	.2059	.0054	.2401	.00129	.0133	.0205	.0022
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value				.00100			
Range				30.000%			

Elem	V 2924	Zn2062	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm
Avg	.0036	.0040	.0045	.0219	.0502
Stddev	.0007	.0002	.0002	.0002	.0038
%RSD	18.00	5.966	4.597	.9736	7.466
#1	.0032	.0039	.0047	.0217	.0476
#2	.0041	.0042	.0044	.0220	.0529
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: LCCCV Acquired: 6/12/2021 12:48:31 Type: QC
Method: 2021A 601D ICP03(v58) Mode: CCNC Corr. Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Int. Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4737.1	73152	44965.6
Stdev	13.6	209	20.8
%RSD	28.733	28627	46322
#1	4727.4	73504	44980.9
#2	4746.7	73300	45150.3

Sample Name LLCCV.0 5 Acquired. 6/12/2021 12.51.19 Type QC
Method 2021A 60'0 iCP03[v58] Mode CONC Corr Factor. 1 000000
User. admin D 'ution. 1 Test Type Sample Type
Comment.

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Cd2144
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0228	.0205	.0455	.0227	.0066	.00212	.0473	.0022
Stddev	0001	0005	0027	0025	0005	00008	0020	0000
%RSD	2312	2 502	5 893	11 01	7 078	3 8948	4 164	1 630
#1	0227	0201	0474	0209	0069	00218	0459	0022
#2	0228	0209	0436	0244	0062	00206	0487	0021
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Co2265	Ca3158	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022	.0455	.0490	.0085	.0038	.0073	.0081	.0439
Stddev	.0000	.0062	0001	0006	.0001	.0000	.0001	.0046
%RSD	4994	17 94	1394	7 529	3 071	0522	1.333	10 55
#1	0022	0513	0490	0080	0039	0073	0080	0406
#2	0022	0397	0491	0090	0038	0074	008[illegible]	0471
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Pb2203	Li6707	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207	.0460	-.0007	.0124	F .0154	.00202	.0043	.0083
Stddev	0011	0014	0219	.0001	0065	.00005	0011	.0001
%RSD	5.207	3.113	3299	7858	42 81	2 7028	25 38	9079
#1	0215	0470	. 0161	0123	0107	00199	0051	0082
#2	.0200	0450	0148	0124	0200	00206	0035	0083
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Fa	Chk Pass	None	Chk Pass
Value					0100			
Range					30 00%			

Sample Name: LLCCV 0.5 Acquired: 6/12/2021 12:51:19 Type: QC
Method: 2021A 6010 :CP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Column: 1 Test Type: Sample Type:
Comment:

Elem	Ni2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083	.0818	.3598	.0450	4143	.0083	4649	.00236
Stddev	0003	.0015	.0122	0033	.0010	.0005	0240	00025
%RSD	3.078	1.870	3.395	7.415	2394	10.69	5.153	10.613
#1	0081	.0808	.3512	0474	4136	0077	4479	00253
#2	0085	0829	.3685	0427	4150	0089	4818	00218
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value:								
Range								

Elem	Ti1908	Sn1899	Ti3361	V 2924	Zn2062	Zn2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	0235	.0402	0040	0079	.0085	.0093	0440	> .1047
Stddev	0002	0006	0001	.0005	0002	0001	0007	0011
%RSD	.6456	1.405	2.357	6.105	2.442	6056	1.637	1.032
#1	0234	0406	0040	0075	0084	0093	0446	1055
#2	0236	0398	0039	0082	0087	0092	0435	1040
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value:								0800
Range								30.00%

Int Std	Y 2743	Y 3600	Y 3600.2
Units	Cts/S	Cts/S	Cts/S
Avg	4748.3	73843	4540.0
Stddev	11.1	610	54.1
%RSD	.23294	.82588	1.1899
#1	4740.5	73412	4510.8
#2	4756.1	74274	4537.3

Sample Name: LLCCV-ICLP Acquired: 8/12/2021 12:54:11 Type: QC
Method: 2021A 6010 ICP03(v58) Mode: CONC Conv Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Al1670	Al3944	Sb2068	As1890	Ba4554	Be2348	B 2496	Ca2144
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009	-.0024	-.0018	-.0006	.2117	-.00014	.0043	.0001
Stddev	.0002	.0007	.0022	.0016	.0003	.00010	.0001	.0000
%RSD	24.97	7.708	123.9	261.4	1.247	73.041	2.833	10.74
#1	.0010	.0022	-.0002	.0005	.2115	-.00021	.0042	.0001
#2	.0007	-.0025	-.0033	-.0018	.2119	.00007	.0043	.0001
Check ?	None	None	None	None	Chk Pass	None	None	None
Value								
Range								

Elem	Cd2265	Ca3158	Ca3933	Cr2677	Co2307	Cu2247	Cu3273	Fe2599
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	.0010	.0025	.0004	.0000	-.0003	.0003	-.0104
Stddev	.0000	.0314	.0011	.0008	.0002	.0000	.0006	.0085
%RSD	41.30	3158	4.415	238.8	812.4	15.88	173.1	81.35
#1	.0001	.0232	.0026	-.0002	-.0001	-.0002	.0007	-.0044
#2	.0000	-.0212	.0024	.0009	.0002	.0003	-.0001	-.0164
Check ?	None	None	None	None	None	None	None	None
Value								
Range								

Elem	Pb2203	Li6707	Mg2790	Mg2795	Mg2852	Mn2576	Mn2605	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0003	.0004	-.0253	.0003	.0047	-.00009	.0016	.0003
Stddev	.0005	.0027	.0128	.0001	.0045	.00010	.0022	.0000
%RSD	185.4	622.5	50.61	36.87	96.04	113.92	142.2	2.333
#1	.0001	-.0015	-.0163	.0003	.0075	-.00001	.0032	.0003
#2	-.0006	.0023	-.0344	.0002	.0015	.00015	.0000	.0002
Check ?	None	None	None	None	None	None	None	None
Value								
Range								

Sample Name: LLCCV-TCLP Acquired: 6/12/2021 12:54:11 Type: QC
Method: 2021A 6010 ICP03(v58) Mode: CONC Corr Factor: 1.000000
User: admin Dilution: 1 Test Type: Sample Type:
Comment:

Elem	Ni2216	P 1782	K 7664	Se1960	Si2516	Ag3280	Na5895	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	-.0010	-.0517	.0027	.0117	-.0007	.0227	.00038
Stdev	.0002	.0030	.0130	.0024	.0205	.0005	.0073	.00030
%RSD	245.7	294.5	25.20	90.72	175.4	78.92	32.07	78.222
#1	.0002	.0031	-.0609	.0010	-.0028	-.0003	.0175	.00059
#2	-.0001	.0011	-.0425	.0044	.0262	-.0011	.0278	.00017
Check ?	None	None	None	None	None	None	None	None
Value Range								

Elem	Tl1908	Sn1899	Ti3361	V 2924	Zn2062	Zr2138	Bi2230	S 1820
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029	-.0001	-.0004	.0000	.2104	.2253	-.0020	.0016
Stdev	.0001	.0009	.0000	.001	.0007	.0014	.0007	.0008
%RSD	2.085	1297	9.072	5111	3.107	6.134	36.21	48.61
#1	.0030	-.0007	-.0005	-.0007	.2108	.2263	-.0015	.0010
#2	.0029	.0006	.0004	.0007	.2099	.2244	-.0025	.0021
Check ?	None	None	None	None	Chk Pass	Chk Pass	None	None
Value Range								

Int Std	Y 2243	Y 3600	Y 3600-2
Units	Cts/S	Cts/S	Cts/S
Avg	4742.2	73537.	4513.6
Stdev	5	45	26.2
%RSD	.01094	.06088	.57965
#1	4742.9	73568	4495.7
#2	4741.5	73505	4532.1

Service Request # K2105532
Calibration 062121AICPMS06
ALS LIMS Run# 728214
Pipette IDs: 16006318, 19070685, 18010244
Pipette Check Due: 08/19/21
Cal Std: MS28-14-L
ICV Std MS28-15-A
LLICV Std: MS28-15-B
I.S Solution: MS27-100-E
Tune Std: MS28-3-A

ICSA: MS28-14-G
ICSAB: MS28-14-H

ICP-MS Data Review Form

		Yes	No	NA
1.	Appropriate standardization completed	X		
2.	ICV in control (+/- 10%)	X		
3	CCVs in control (+/- 10%)	X		
4	ICB/CCB's below MRL	X		
5	LLICV standard analyzed and in control	X		
6	ICS standards within 20% of true value	X		
6	All analytes within instrument linear range	X		
7	Adequate rinse out time allowed	X		
8	Internal standards in control	X		
9	Interferences checked	X		
10	Was the run terminated? If so, why		X	

See Benchsheet exception report for sample batch QC information
Comments

Prep Batches 380836

Primary Review by [illegible] Date [illegible]

Secondary Review by [illegible] Date [illegible]

Data Review Form

Instrument ID#	K-ICP-MS-06
DataFile Name	R:\ICPMW\PrDATA\K-ICP-MS-06 (Agilent 7500)\062121A.csv
RUNNO	728214

K2105532

K2105532-002PS - Metals T -

PS Recovery

6020A/Metals T - 32 K (He) - Recovery 73 - 1 m 3 50 - 120

Primary Approver _____

Secondary Approver _____

Sample

	Type	Hyd	Data File	Acq Date-Time	Type	L	Sample Name	Col	Vial Number
1		☐	001CAL.B	2021 06 21 11 40 45 A	CalBk		RINSE		2
2		☐	002CAL.B	2021 06 21 11 42 15 A	CalBk		RINSE		1
3		☐	003CAL.B	2021 06 21 11 43 50 A	CalBk		Blank		1
4		☐	004CAL.S	2021 06 21 11 45 10 A	CalSd		25ppb		2
5		☐	005_ICV.d	2021 06 21 11 46 40 A	ICV		ICV		2101
6		☐	006_CCV	2021 06 21 11 48 20 A	CCV		CCV		2
7		☐	007_CCB.d	2021 06 21 11 49 50 A	CCB		CCB		1
8		☐	008_CCB	2021 06 21 11 51 20 A	CCB		CCB		1
9		☐	009_LCV.d	2021 06 21 11 52 50 A	LLCV		LLCVW		2102
10		☐	010CSA.d	2021 06 21 11 54 18 A	CSA		ICSA		2103
11		☐	011CSB.d	2021 06 21 11 55 47 A	ICSB		ICSAB		2104
12		☐	012SMPL	2021 06 21 11 57 16 A	Sample		MG 510		2105
13		☐	013_MB.d	2021 06 21 11 58 46 A	MB		KQ2110184-001		1101
14		☐	014_LCS.d	2021 06 21 12 01 2[illegible] P	LCS		KQ2110184-002		1102
15		☐	015SMPL	2021 06 21 12 02 55 P	Sample		KQ2105532-001		1103
16		☐	016_AVB.d	2021 06 21 12 04 23 P	AvBlk		KQ2105532-002		1104
17		☐	017SMPL	2021 06 21 12 05 51 P	Sample		KQ2105532-003		1105
18		☐	018SMPL	2021 06 21 12 07 18 P	Sample		KQ2105532-002	5X	1106
19	☑	☐	019_PDS.d	2021 06 21 12 08 46 P	PDS		KQ2105532-002	x1	1107
20	☑	☐	020_SPW.d	2021 06 21 12 10 13 P	Spike		KQ2105532-004		1108
21		☐	021SMPL	2021 06 21 12 11 40 P	Sample		KQ2105532-005		1109
22		☐	022SMPL	2021 06 21 12 13 09 P	Sample		KQ2105532-006		1110
23		☐	023_CCV	2021 06 21 12 14 44 P	CCV		CCV		2
24		☐	024_CCB	2021 06 21 12 16 19 P	CCB		CCB		1
25	☑	☐	025_LCV	2021 06 21 12 17 44 P	LLCV		LLCVW		2103
26		☐	026_CCV	2021 06 21 12 29 00 P	LLCCV		LLCCVW		2102

Analyte

	Name	Mass	SIM	Tune Mode	Units	Replicates
1	Na	23	45	He	ug/l	3
2	Mg	24	45	He	ug/l	3
3	K	39	45	He	ug/l	3
4	Ca	43	45	No Gas	ug/l	3
5	Li	6		No Gas		3
6	Sr	45		No Gas		3
7	Si	45		He		3

Analyte						
	Name	Mass	ISTD	Time Mode	Units	Response
8	Tin	72		Std		1

US EPA Tune Check Report

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US EPA Tune Check Report

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Calibration Blank Report

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Calibration Standard Report

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Initial Calibration Verification (ICV) Report

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Continuing Calibration Verification (CCV) Report

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Initial Calibration Blank (ICB) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Initial Calibration Verification (LLICV) Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Reference Sample Report

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Post Digestion Spike Sample (PDS) Report

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Number	Value	Name	Date	Status	Conc. [illegible]	CPS	Spike Amt	% Rec	Flag
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Matrix Spike Sample (MS) Report

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Sample Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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July 22, 2021 Service Request No:K2106466

Jessica Goin
Anchor QEA, LLC
421 SW Sixth Ave.
Suite 750
Portland, OR 97204

Laboratory Results for: Grumman Rd MNR

Dear Jessica,

Enclosed are the results of the sample(s) submitted to our laboratory June 04, 2021
For your reference, these analyses have been assigned our service request number **K2106466.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3376. You may also contact me via email at Mark.Harris@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Mark Harris
Project Manager

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PHONE +1 360 577 7222 | FAX +1 360 636 1068
ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

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1317 South 13th Ave, Kelso, WA 98626 | 1-360-577-7222 | www.alsglobal.com

Client: Anchor QEA, LLC
Project: Grumman Rd MNR
Sample Matrix: Water

Service Request: K2106466
Date Received: 06/04/2021

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt:

Seventeen water samples were received for analysis at ALS Environmental on 06/04/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

General Chemistry:

Method 300.0, 06/16/2021: The matrix spike recoveries of Sulfate for sample GR_GWC_15_002 were outside control criteria. Recovery in the Laboratory Control Sample (LCS) was acceptable, which indicated the analytical batch was in control. The matrix spike outliers suggested a potential low bias in this matrix. No further corrective action was appropriate.

Approved by Noe D. Daw Date 07/22/2021

SAMPLE DETECTION SUMMARY

CLIENT ID: GR_GWC_15_101			Lab ID: K2106466-001			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Carbon, Dissolved Organic (DOC)	11300		40	250	mg/L	9060A
Sulfate	478		2	20	mg/L	300.0
Arsenic, Dissolved	139		2	13	ug/L	6020A
Iron, Dissolved	155000		8	50	ug/L	6020A
Molybdenum, Dissolved	83.8		0.8	2.5	ug/L	6020A
Arsenic	190		2	13	ug/L	6020A
Iron	166000		8	50	ug/L	6020A
Molybdenum	90.8		0.8	2.5	ug/L	6020A

CLIENT ID: GR_GWC_15_201			Lab ID: K2106466-002			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Carbon, Dissolved Organic (DOC)	11500		40	250	mg/L	9060A
Sulfate	2390		20	200	mg/L	300.0
Arsenic, Dissolved	70		2	13	ug/L	6020A
Iron, Dissolved	1110000		80	500	ug/L	6020A
Molybdenum, Dissolved	84.7		0.8	2.5	ug/L	6020A
Arsenic	146		2	13	ug/L	6020A
Iron	1160000		80	500	ug/L	6020A
Molybdenum	103		0.8	2.5	ug/L	6020A

CLIENT ID: GR_GWC_20_101			Lab ID: K2106466-003			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Carbon, Dissolved Organic (DOC)	9950		40	250	mg/L	9060A
Sulfate	1020		10	100	mg/L	300.0
Arsenic, Dissolved	97		2	13	ug/L	6020A
Iron, Dissolved	140000		8	50	ug/L	6020A
Molybdenum, Dissolved	395		0.8	2.5	ug/L	6020A
Arsenic	119		2	13	ug/L	6020A
Iron	148000		8	50	ug/L	6020A
Molybdenum	413		0.8	2.5	ug/L	6020A

CLIENT ID: GR_GWC_20_201			Lab ID: K2106466-004			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Carbon, Dissolved Organic (DOC)	7550		40	250	mg/L	9060A
Sulfate	3090		20	200	mg/L	300.0
Arsenic, Dissolved	38		2	13	ug/L	6020A
Iron, Dissolved	1200000		80	500	ug/L	6020A
Molybdenum, Dissolved	324		0.8	2.5	ug/L	6020A
Arsenic	108		2	13	ug/L	6020A
Iron	1160000		80	500	ug/L	6020A
Molybdenum	374		0.8	2.5	ug/L	6020A

SAMPLE DETECTION SUMMARY

CLIENT ID: GR_GWC_15_001			Lab ID: K2106466-005			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Carbon, Dissolved Organic (DOC)	27.0		0.07	0.50	mg/L	9060A
Sulfate	50		1	10	mg/L	300.0
Arsenic, Dissolved	39.1		0.2	1.3	ug/L	6020A
Iron, Dissolved	1230		0.8	5.0	ug/L	6020A
Molybdenum, Dissolved	122		0.08	0.25	ug/L	6020A
Arsenic	72.4		0.2	1.3	ug/L	6020A
Iron	3430		0.8	5.0	ug/L	6020A
Molybdenum	113		0.08	0.25	ug/L	6020A

CLIENT ID: GR_GWC_20_001			Lab ID: K2106466-006			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Carbon, Dissolved Organic (DOC)	89.5		0.4	2.5	mg/L	9060A
Sulfate	790		4	40	mg/L	300.0
Arsenic, Dissolved	32.2		0.2	1.3	ug/L	6020A
Iron, Dissolved	22.1		0.8	5.0	ug/L	6020A
Molybdenum, Dissolved	514		0.08	0.25	ug/L	6020A
Arsenic	95.9		0.2	1.3	ug/L	6020A
Iron	4320		0.8	5.0	ug/L	6020A
Molybdenum	457		0.08	0.25	ug/L	6020A

CLIENT ID: GR_GWC_15_102			Lab ID: K2106466-007			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Carbon, Dissolved Organic (DOC)	12700		40	250	mg/L	9060A
Sulfate	496		2	20	mg/L	300.0
Arsenic, Dissolved	193		2	13	ug/L	6020A
Iron, Dissolved	119000		8	50	ug/L	6020A
Molybdenum, Dissolved	79.2		0.8	2.5	ug/L	6020A
Arsenic	196		2	13	ug/L	6020A
Iron	117000		8	50	ug/L	6020A
Molybdenum	67.8		0.8	2.5	ug/L	6020A

CLIENT ID: GR_GWC_15_202			Lab ID: K2106466-008			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Carbon, Dissolved Organic (DOC)	10600		40	250	mg/L	9060A
Sulfate	2620		10	100	mg/L	300.0
Arsenic, Dissolved	149		2	13	ug/L	6020A
Iron, Dissolved	1120000		8	50	ug/L	6020A
Molybdenum, Dissolved	96.7		0.8	2.5	ug/L	6020A
Arsenic	155		2	13	ug/L	6020A
Iron	1070000		80	500	ug/L	6020A
Molybdenum	101		0.8	2.5	ug/L	6020A

SAMPLE DETECTION SUMMARY

CLIENT ID: GR_GWC_20_102			Lab ID: K2106466-009			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Carbon, Dissolved Organic (DOC)	9850		40	250	mg/L	9060A
Sulfate	1580		10	100	mg/L	300.0
Arsenic, Dissolved	149		2	13	ug/L	6020A
Iron, Dissolved	304000		8	50	ug/L	6020A
Molybdenum, Dissolved	358		0.8	2.5	ug/L	6020A
Arsenic	157		2	13	ug/L	6020A
Iron	312000		8	50	ug/L	6020A
Molybdenum	378		0.8	2.5	ug/L	6020A

CLIENT ID: GR_GWC_20_202			Lab ID: K2106466-010			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Carbon, Dissolved Organic (DOC)	10400		40	250	mg/L	9060A
Sulfate	2930		20	200	mg/L	300.0
Arsenic, Dissolved	84		2	13	ug/L	6020A
Iron, Dissolved	1190000		80	500	ug/L	6020A
Molybdenum, Dissolved	390		0.8	2.5	ug/L	6020A
Arsenic	102		2	13	ug/L	6020A
Iron	1200000		80	500	ug/L	6020A
Molybdenum	433		0.8	2.5	ug/L	6020A

CLIENT ID: GR_GWC_15_002			Lab ID: K2106466-011			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Carbon, Dissolved Organic (DOC)	28.2		0.07	0.50	mg/L	9060A
Sulfate	48		1	10	mg/L	300.0
Arsenic, Dissolved	9.2		0.2	1.3	ug/L	6020A
Iron, Dissolved	59.2		0.8	5.0	ug/L	6020A
Molybdenum, Dissolved	132		0.08	0.25	ug/L	6020A
Arsenic	27.0		0.2	1.3	ug/L	6020A
Iron	1230		0.8	5.0	ug/L	6020A
Molybdenum	128		0.08	0.25	ug/L	6020A

CLIENT ID: GR_GWC_20_002			Lab ID: K2106466-012			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Carbon, Dissolved Organic (DOC)	23.6		0.07	0.50	mg/L	9060A
Sulfate	927		4	40	mg/L	300.0
Arsenic, Dissolved	9.1		0.2	1.3	ug/L	6020A
Iron, Dissolved	35.6		0.8	5.0	ug/L	6020A
Molybdenum, Dissolved	500		0.08	0.25	ug/L	6020A
Arsenic	12.3		0.2	1.3	ug/L	6020A
Iron	263		0.8	5.0	ug/L	6020A
Molybdenum	505		0.08	0.25	ug/L	6020A

SAMPLE DETECTION SUMMARY

CLIENT ID: GR_GWC_15_103			Lab ID: K2106466-013			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Carbon, Dissolved Organic (DOC)	18700		70	500	mg/L	9060A
Sulfate	514		2	20	mg/L	300.0
Arsenic, Dissolved	181		2	13	ug/L	6020A
Iron, Dissolved	104000		8	50	ug/L	6020A
Molybdenum, Dissolved	72.3		0.8	2.5	ug/L	6020A
Arsenic	189		2	13	ug/L	6020A
Iron	108000		8	50	ug/L	6020A
Molybdenum	68.1		0.8	2.5	ug/L	6020A

CLIENT ID: GR_GWC_15_203			Lab ID: K2106466-014			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Carbon, Dissolved Organic (DOC)	12500		40	250	mg/L	9060A
Sulfate	3850		20	200	mg/L	300.0
Arsenic, Dissolved	159		2	13	ug/L	6020A
Iron, Dissolved	1150000		80	500	ug/L	6020A
Molybdenum, Dissolved	364		0.8	2.5	ug/L	6020A
Arsenic	161		2	13	ug/L	6020A
Iron	1120000		80	500	ug/L	6020A
Molybdenum	369		0.8	2.5	ug/L	6020A

CLIENT ID: GR_GWC_15_003			Lab ID: K2106466-015			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Carbon, Dissolved Organic (DOC)	35.0		0.4	2.5	mg/L	9060A
Sulfate	53.4		0.4	4.0	mg/L	300.0
Arsenic, Dissolved	7.1		0.2	1.3	ug/L	6020A
Iron, Dissolved	74.0		0.8	5.0	ug/L	6020A
Molybdenum, Dissolved	172		0.08	0.25	ug/L	6020A
Arsenic	78.8		0.2	1.3	ug/L	6020A
Iron	4570		0.8	5.0	ug/L	6020A
Molybdenum	149		0.08	0.25	ug/L	6020A

CLIENT ID: GR_GWC_20_003			Lab ID: K2106466-016			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Carbon, Dissolved Organic (DOC)	27.5		0.07	0.50	mg/L	9060A
Sulfate	903		4	40	mg/L	300.0
Arsenic, Dissolved	7.1		0.2	1.3	ug/L	6020A
Iron, Dissolved	44.6		0.8	5.0	ug/L	6020A
Molybdenum, Dissolved	528		0.08	0.25	ug/L	6020A
Arsenic	18.1		0.2	1.3	ug/L	6020A
Iron	751		0.8	5.0	ug/L	6020A
Molybdenum	515		0.08	0.25	ug/L	6020A

SAMPLE DETECTION SUMMARY

CLIENT ID: GR_GWC_001			Lab ID: K2106466-017			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Carbon, Dissolved Organic (DOC)	0.29	J	0.07	0.50	mg/L	9060A
Sulfate	1.2		0.1	1.0	mg/L	300.0
Iron, Dissolved	2.9	J	0.8	5.0	ug/L	6020A
Iron	3.1	J	0.8	5.0	ug/L	6020A
Molybdenum	0.68		0.08	0.25	ug/L	6020A

Sample Receipt Information

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

Client: Anchor QEA, LLC **Service Request:**K2106466
Project: Grumman Rd MNR

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
K2106466-001	GR_GWC_15_101	5/29/2021	1420
K2106466-002	GR_GWC_15_201	5/29/2021	1425
K2106466-003	GR_GWC_20_101	5/29/2021	1430
K2106466-004	GR_GWC_20_201	5/29/2021	1435
K2106466-005	GR_GWC_15_001	5/29/2021	1410
K2106466-006	GR_GWC_20_001	5/29/2021	1415
K2106466-007	GR_GWC_15_102	6/1/2021	1630
K2106466-008	GR_GWC_15_202	6/1/2021	1700
K2106466-009	GR_GWC_20_102	6/1/2021	1715
K2106466-010	GR_GWC_20_202	6/1/2021	1730
K2106466-011	GR_GWC_15_002	6/1/2021	1600
K2106466-012	GR_GWC_20_002	6/1/2021	1615
K2106466-013	GR_GWC_15_103	6/4/2021	0850
K2106466-014	GR_GWC_15_203	6/4/2021	1015
K2106466-015	GR_GWC_15_003	6/4/2021	0810
K2106466-016	GR_GWC_20_003	6/4/2021	1000
K2106466-017	GR_GWC_001	6/4/2021	0750

ALS Environmental

CHAIN OF CUSTODY

ALS Environmental

CHAIN OF CUSTODY

No. 1206466

ALS Environmental

CHAIN OF CUSTODY

Cooler Receipt and Preservation Form

Client _____ Service Request K21[illegible]

Received: [illegible] Opened [illegible] By [illegible] Unpacked [illegible] By [illegible]

1	Received in acceptable condition	FedEx	UPS	Courier	USPS	DHL	PDX	Courier	Hand Delivered
2	Received in acceptable condition	Cooler	Box	Envelope	Other				N/A
3	Custody seals on shipping containers	N/A	Y	N	Broken or missing seal				
	Custody seals on sample containers	Y	N	Broken or missing seal on sample container				Y	N
4	Shipping container/cooler in good condition?	N/A	Y	N	Broken or missing or improperly applied custody seal				
	Broken or missing custody seal on shipping container/cooler								
5	Samples received within holding time?							N/A	Y	N
	Samples received in proper container/bottle							N/A	Y	N
	Samples properly preserved	Unless	Partially Preserved	Preserved					

Temp Blank	Sample Temp	IR Gun	Cooler ID (RA)	Out of temp adjusted with "3"	PM Notified Must of temp	Tracking Number	N/A	Final
[illegible]		[illegible]				[illegible]		

7	Sample container	Aquatic Microbes	Bubble Wrap	Grid Packs	Plastic	Dry Ice	Other	
8	Were sample labels properly completed (date, time, preservation, etc.)					N/A	Y	N
9	Were samples received in good condition (intact)?					N/A	Y	N
10	Were samples received within holding time?					N/A	Y	N
11	Do all sample labels match the chain of custody paperwork					N/A	Y	N
12	Were appropriate bottles/containers and volumes received for the tests indicated?					N/A	Y	N
13	Were the pH-preserved bottles (see SMO guidelines) checked at the appropriate frequency and found to be in compliance?					N/A	Y	N
14	Were VOA vials received without headspace? Indicate in the comments section.					N/A	Y	N
15	Were LL Hg samples received in duplicate?					N/A	Y	N

Sample ID on Bottle	Sample ID on COC	Identified by

Sample ID	Bottle Count Bottle Type	Head-space	Broken	pH	Reagent	Volume added	Reagent Lot Number	Initials	Time

Notes, Discrepancies, Resolutions

[illegible]

Lab needs to [illegible] COC.

[illegible]

Miscellaneous Forms

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Anchor QEA, LLC
Project: Grumman Rd MNR/
Service Request: K2106466

Sample Name: GR_GWC_15_101
Lab Code: K2106466-001
Sample Matrix: Water
Date Collected: 05/29/21
Date Received: 06/4/21

Analysis Method	Extracted/Digested By	Analyzed By
300.0		KABROWN
6020A	ABOYER	RMOORE
9060A		MSPECHT

Sample Name: GR_GWC_15_201
Lab Code: K2106466-002
Sample Matrix: Water
Date Collected: 05/29/21
Date Received: 06/4/21

Analysis Method	Extracted/Digested By	Analyzed By
300.0		KABROWN
6020A	ABOYER	RMOORE
9060A		MSPECHT

Sample Name: GR_GWC_20_101
Lab Code: K2106466-003
Sample Matrix: Water
Date Collected: 05/29/21
Date Received: 06/4/21

Analysis Method	Extracted/Digested By	Analyzed By
300.0		KABROWN
6020A	ABOYER	RMOORE
9060A		MSPECHT

Sample Name: GR_GWC_20_201
Lab Code: K2106466-004
Sample Matrix: Water
Date Collected: 05/29/21
Date Received: 06/4/21

Analysis Method	Extracted/Digested By	Analyzed By
300.0		KABROWN
6020A	ABOYER	RMOORE
9060A		MSPECHT

Client: Anchor QEA, LLC
Project: Grumman Rd MNR/
Service Request: K2106466

Sample Name: GR_GWC_15_001
Lab Code: K2106466-005
Sample Matrix: Water
Date Collected: 05/29/21
Date Received: 06/4/21

Analysis Method	Extracted/Digested By	Analyzed By
300.0		KABROWN
6020A	ABOYER	RMOORE
9060A		MSPECHT

Sample Name: GR_GWC_20_001
Lab Code: K2106466-006
Sample Matrix: Water
Date Collected: 05/29/21
Date Received: 06/4/21

Analysis Method	Extracted/Digested By	Analyzed By
300.0		KABROWN
6020A	ABOYER	RMOORE
9060A		MSPECHT

Sample Name: GR_GWC_15_102
Lab Code: K2106466-007
Sample Matrix: Water
Date Collected: 06/1/21
Date Received: 06/4/21

Analysis Method	Extracted/Digested By	Analyzed By
300.0		KABROWN
6020A	ABOYER	RMOORE
9060A		MSPECHT

Sample Name: GR_GWC_15_202
Lab Code: K2106466-008
Sample Matrix: Water
Date Collected: 06/1/21
Date Received: 06/4/21

Analysis Method	Extracted/Digested By	Analyzed By
300.0		KABROWN
6020A	ABOYER	RMOORE
9060A		MSPECHT

Client: Anchor QEA, LLC
Project: Grumman Rd MNR/
Service Request: K2106466

Sample Name: GR_GWC_20_102
Lab Code: K2106466-009
Sample Matrix: Water
Date Collected: 06/1/21
Date Received: 06/4/21

Analysis Method	Extracted/Digested By	Analyzed By
300.0		KABROWN
6020A	ABOYER	RMOORE
9060A		MSPECHT

Sample Name: GR_GWC_20_202
Lab Code: K2106466-010
Sample Matrix: Water
Date Collected: 06/1/21
Date Received: 06/4/21

Analysis Method	Extracted/Digested By	Analyzed By
300.0		KABROWN
6020A	ABOYER	RMOORE
9060A		MSPECHT

Sample Name: GR_GWC_15_002
Lab Code: K2106466-011
Sample Matrix: Water
Date Collected: 06/1/21
Date Received: 06/4/21

Analysis Method	Extracted/Digested By	Analyzed By
300.0		KABROWN
6020A	ABOYER	RMOORE
9060A		MSPECHT

Sample Name: GR_GWC_20_002
Lab Code: K2106466-012
Sample Matrix: Water
Date Collected: 06/1/21
Date Received: 06/4/21

Analysis Method	Extracted/Digested By	Analyzed By
300.0		KABROWN
6020A	ABOYER	RMOORE
9060A		MSPECHT

Client: Anchor QEA, LLC
Project: Grumman Rd MNR/
Service Request: K2106466

Sample Name: GR_GWC_15_103
Lab Code: K2106466-013
Sample Matrix: Water
Date Collected: 06/4/21
Date Received: 06/4/21

Analysis Method	Extracted/Digested By	Analyzed By
300.0		KABROWN
6020A	ABOYER	RMOORE
9060A		MSPECHT

Sample Name: GR_GWC_15_203
Lab Code: K2106466-014
Sample Matrix: Water
Date Collected: 06/4/21
Date Received: 06/4/21

Analysis Method	Extracted/Digested By	Analyzed By
300.0		KABROWN
6020A	ABOYER	RMOORE
9060A		MSPECHT

Sample Name: GR_GWC_15_003
Lab Code: K2106466-015
Sample Matrix: Water
Date Collected: 06/4/21
Date Received: 06/4/21

Analysis Method	Extracted/Digested By	Analyzed By
300.0		KABROWN
6020A	ABOYER	RMOORE
9060A		MSPECHT

Sample Name: GR_GWC_20_003
Lab Code: K2106466-016
Sample Matrix: Water
Date Collected: 06/4/21
Date Received: 06/4/21

Analysis Method	Extracted/Digested By	Analyzed By
300.0		KABROWN
6020A	ABOYER	RMOORE
9060A		MSPECHT

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Analyst Summary report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR/		

Sample Name:	GR_GWC_001	**Date Collected:**	06/4/21
Lab Code:	K2106466-017	**Date Received:**	06/4/21
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
300.0		KABROWN
6020A	ABOYER	RMOORE
9060A		MSPECHT

Sample Results

ALS Environmental—Kelso Laboratory
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www.alsglobal.com

Metals

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	05/29/21 14:20
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_101	**Basis:**	NA
Lab Code:	K2106466-001		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**139**	ug/L	13	2	10	07/21/21 17:31	06/16/21	
Iron	6020A	**155000**	ug/L	50	8	10	07/21/21 17:31	06/16/21	
Molybdenum	6020A	**83.8**	ug/L	2.5	0.8	10	07/21/21 17:31	06/16/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	05/29/21 14:20
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_101	**Basis:**	NA
Lab Code:	K2106466-001		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**190**	ug/L	13	2	10	07/21/21 18:28	06/16/21	
Iron	6020A	**166000**	ug/L	50	8	10	07/21/21 18:28	06/16/21	
Molybdenum	6020A	**90.8**	ug/L	2.5	0.8	10	07/21/21 18:28	06/16/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	05/29/21 14:25
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_201	**Basis:**	NA
Lab Code:	K2106466-002		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**70**	ug/L	13	2	10	07/21/21 17:33	06/16/21	
Iron	6020A	**1110000**	ug/L	500	80	100	07/21/21 17:15	06/16/21	
Molybdenum	6020A	**84.7**	ug/L	2.5	0.8	10	07/21/21 17:33	06/16/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	05/29/21 14:25
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_201	**Basis:**	NA
Lab Code:	K2106466-002		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**146**	ug/L	13	2	10	07/21/21 18:29	06/16/21	
Iron	6020A	**1160000**	ug/L	500	80	100	07/21/21 19:17	06/16/21	
Molybdenum	6020A	**103**	ug/L	2.5	0.8	10	07/21/21 18:29	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	05/29/21 14:30
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_20_101	**Basis:**	NA
Lab Code:	K2106466-003		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**97**	ug/L	13	2	10	07/21/21 17:34	06/16/21	
Iron	6020A	**140000**	ug/L	50	8	10	07/21/21 17:34	06/16/21	
Molybdenum	6020A	**395**	ug/L	2.5	0.8	10	07/21/21 17:34	06/16/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	05/29/21 14:30
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_20_101	**Basis:**	NA
Lab Code:	K2106466-003		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**119**	ug/L	13	2	10	07/21/21 18:31	06/16/21	
Iron	6020A	**148000**	ug/L	50	8	10	07/21/21 18:31	06/16/21	
Molybdenum	6020A	**413**	ug/L	2.5	0.8	10	07/21/21 18:31	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	05/29/21 14:35
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_20_201	**Basis:**	NA
Lab Code:	K2106466-004		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**38**	ug/L	13	2	10	07/21/21 17:36	06/16/21	
Iron	6020A	**1200000**	ug/L	500	80	100	07/21/21 17:19	06/16/21	
Molybdenum	6020A	**324**	ug/L	2.5	0.8	10	07/21/21 17:36	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	05/29/21 14:35
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_20_201	**Basis:**	NA
Lab Code:	K2106466-004		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**108**	ug/L	13	2	10	07/21/21 18:33	06/16/21	
Iron	6020A	**1160000**	ug/L	500	80	100	07/21/21 19:19	06/16/21	
Molybdenum	6020A	**374**	ug/L	2.5	0.8	10	07/21/21 18:33	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	05/29/21 14:10
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_001	**Basis:**	NA
Lab Code:	K2106466-005		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**39.1**	ug/L	1.3	0.2	1	07/21/21 17:38	06/16/21	
Iron	6020A	**1230**	ug/L	5.0	0.8	1	07/21/21 17:38	06/16/21	
Molybdenum	6020A	**122**	ug/L	0.25	0.08	1	07/21/21 17:38	06/16/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	05/29/21 14:10
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_001	**Basis:**	NA
Lab Code:	K2106466-005		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**72.4**	ug/L	1.3	0.2	1	07/21/21 18:35	06/16/21	
Iron	6020A	**3430**	ug/L	5.0	0.8	1	07/21/21 18:35	06/16/21	
Molybdenum	6020A	**113**	ug/L	0.25	0.08	1	07/21/21 18:35	06/16/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	05/29/21 14:15
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_20_001	**Basis:**	NA
Lab Code:	K2106466-006		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**32.2**	ug/L	1.3	0.2	1	07/21/21 17:46	06/16/21	
Iron	6020A	**22.1**	ug/L	5.0	0.8	1	07/21/21 17:46	06/16/21	
Molybdenum	6020A	**514**	ug/L	0.25	0.08	1	07/21/21 17:46	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	05/29/21 14:15
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_20_001	**Basis:**	NA
Lab Code:	K2106466-006		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**95.9**	ug/L	1.3	0.2	1	07/21/21 18:47	06/16/21	
Iron	6020A	**4320**	ug/L	5.0	0.8	1	07/21/21 18:47	06/16/21	
Molybdenum	6020A	**457**	ug/L	0.25	0.08	1	07/21/21 18:47	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/01/21 16:30
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_102	**Basis:**	NA
Lab Code:	K2106466-007		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**193**	ug/L	13	2	10	07/21/21 17:52	06/16/21	
Iron	6020A	**119000**	ug/L	50	8	10	07/21/21 17:52	06/16/21	
Molybdenum	6020A	**79.2**	ug/L	2.5	0.8	10	07/21/21 17:52	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/01/21 16:30
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_102	**Basis:**	NA
Lab Code:	K2106466-007		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**196**	ug/L	13	2	10	07/21/21 18:48	06/16/21	
Iron	6020A	**117000**	ug/L	50	8	10	07/21/21 18:48	06/16/21	
Molybdenum	6020A	**67.8**	ug/L	2.5	0.8	10	07/21/21 18:48	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/01/21 17:00
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_202	**Basis:**	NA
Lab Code:	K2106466-008		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**149**	ug/L	13	2	10	07/21/21 17:53	06/16/21	
Iron	6020A	**1120000**	ug/L	50	8	10	07/21/21 17:53	06/16/21	
Molybdenum	6020A	**96.7**	ug/L	2.5	0.8	10	07/21/21 17:53	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/01/21 17:00
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_202	**Basis:**	NA
Lab Code:	K2106466-008		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**155**	ug/L	13	2	10	07/21/21 18:50	06/16/21	
Iron	6020A	**1070000**	ug/L	500	80	100	07/21/21 19:20	06/16/21	
Molybdenum	6020A	**101**	ug/L	2.5	0.8	10	07/21/21 18:50	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/01/21 17:15
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_20_102	**Basis:**	NA
Lab Code:	K2106466-009		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**149**	ug/L	13	2	10	07/21/21 17:55	06/16/21	
Iron	6020A	**304000**	ug/L	50	8	10	07/21/21 17:55	06/16/21	
Molybdenum	6020A	**358**	ug/L	2.5	0.8	10	07/21/21 17:55	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/01/21 17:15
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_20_102	**Basis:**	NA
Lab Code:	K2106466-009		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**157**	ug/L	13	2	10	07/21/21 18:52	06/16/21	
Iron	6020A	**312000**	ug/L	50	8	10	07/21/21 18:52	06/16/21	
Molybdenum	6020A	**378**	ug/L	2.5	0.8	10	07/21/21 18:52	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/01/21 17:30
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_20_202	**Basis:**	NA
Lab Code:	K2106466-010		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**84**	ug/L	13	2	10	07/21/21 17:57	06/16/21	
Iron	6020A	**1190000**	ug/L	500	80	100	07/21/21 18:14	06/16/21	
Molybdenum	6020A	**390**	ug/L	2.5	0.8	10	07/21/21 17:57	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/01/21 17:30
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_20_202	**Basis:**	NA
Lab Code:	K2106466-010		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**102**	ug/L	13	2	10	07/21/21 18:53	06/16/21	
Iron	6020A	**1200000**	ug/L	500	80	100	07/21/21 19:13	06/16/21	
Molybdenum	6020A	**433**	ug/L	2.5	0.8	10	07/21/21 18:53	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/01/21 16:00
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_002	**Basis:**	NA
Lab Code:	K2106466-011		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**9.2**	ug/L	1.3	0.2	1	07/21/21 17:58	06/16/21	
Iron	6020A	**59.2**	ug/L	5.0	0.8	1	07/21/21 17:58	06/16/21	
Molybdenum	6020A	**132**	ug/L	0.25	0.08	1	07/21/21 17:58	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/01/21 16:00
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_002	**Basis:**	NA
Lab Code:	K2106466-011		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**27.0**	ug/L	1.3	0.2	1	07/21/21 18:55	06/16/21	
Iron	6020A	**1230**	ug/L	5.0	0.8	1	07/21/21 18:55	06/16/21	
Molybdenum	6020A	**128**	ug/L	0.25	0.08	1	07/21/21 18:55	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/01/21 16:15
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_20_002	**Basis:**	NA
Lab Code:	K2106466-012		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**9.1**	ug/L	1.3	0.2	1	07/21/21 18:00	06/16/21	
Iron	6020A	**35.6**	ug/L	5.0	0.8	1	07/21/21 18:00	06/16/21	
Molybdenum	6020A	**500**	ug/L	0.25	0.08	1	07/21/21 18:00	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/01/21 16:15
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_20_002	**Basis:**	NA
Lab Code:	K2106466-012		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**12.3**	ug/L	1.3	0.2	1	07/21/21 18:57	06/16/21	
Iron	6020A	**263**	ug/L	5.0	0.8	1	07/21/21 18:57	06/16/21	
Molybdenum	6020A	**505**	ug/L	0.25	0.08	1	07/21/21 18:57	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/04/21 08:50
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_103	**Basis:**	NA
Lab Code:	K2106466-013		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**181**	ug/L	13	2	10	07/21/21 18:02	06/16/21	
Iron	6020A	**104000**	ug/L	50	8	10	07/21/21 18:02	06/16/21	
Molybdenum	6020A	**72.3**	ug/L	2.5	0.8	10	07/21/21 18:02	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/04/21 08:50
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_103	**Basis:**	NA
Lab Code:	K2106466-013		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**189**	ug/L	13	2	10	07/21/21 18:59	06/16/21	
Iron	6020A	**108000**	ug/L	50	8	10	07/21/21 18:59	06/16/21	
Molybdenum	6020A	**68.1**	ug/L	2.5	0.8	10	07/21/21 18:59	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/04/21 10:15
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_203	**Basis:**	NA
Lab Code:	K2106466-014		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**159**	ug/L	13	2	10	07/21/21 18:04	06/16/21	
Iron	6020A	**1150000**	ug/L	500	80	100	07/21/21 18:16	06/16/21	
Molybdenum	6020A	**364**	ug/L	2.5	0.8	10	07/21/21 18:04	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/04/21 10:15
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_203	**Basis:**	NA
Lab Code:	K2106466-014		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**161**	ug/L	13	2	10	07/21/21 19:00	06/16/21	
Iron	6020A	**1120000**	ug/L	500	80	100	07/21/21 19:15	06/16/21	
Molybdenum	6020A	**369**	ug/L	2.5	0.8	10	07/21/21 19:00	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/04/21 08:10
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_003	**Basis:**	NA
Lab Code:	K2106466-015		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**7.1**	ug/L	1.3	0.2	1	07/21/21 18:05	06/16/21	
Iron	6020A	**74.0**	ug/L	5.0	0.8	1	07/21/21 18:05	06/16/21	
Molybdenum	6020A	**172**	ug/L	0.25	0.08	1	07/21/21 18:05	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/04/21 08:10
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_003	**Basis:**	NA
Lab Code:	K2106466-015		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**78.8**	ug/L	1.3	0.2	1	07/21/21 19:08	06/16/21	
Iron	6020A	**4570**	ug/L	5.0	0.8	1	07/21/21 19:08	06/16/21	
Molybdenum	6020A	**149**	ug/L	0.25	0.08	1	07/21/21 19:08	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/04/21 10:00
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_20_003	**Basis:**	NA
Lab Code:	K2106466-016		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**7.1**	ug/L	1.3	0.2	1	07/21/21 18:07	06/16/21	
Iron	6020A	**44.6**	ug/L	5.0	0.8	1	07/21/21 18:07	06/16/21	
Molybdenum	6020A	**528**	ug/L	0.25	0.08	1	07/21/21 18:07	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/04/21 10:00
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_20_003	**Basis:**	NA
Lab Code:	K2106466-016		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**18.1**	ug/L	1.3	0.2	1	07/21/21 19:10	06/16/21	
Iron	6020A	**751**	ug/L	5.0	0.8	1	07/21/21 19:10	06/16/21	
Molybdenum	6020A	**515**	ug/L	0.25	0.08	1	07/21/21 19:10	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/04/21 07:50
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_001	**Basis:**	NA
Lab Code:	K2106466-017		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	1.3	0.2	1	07/21/21 18:12	06/16/21	
Iron	6020A	**2.9**	**J**	ug/L	5.0	0.8	1	07/21/21 18:12	06/16/21	
Molybdenum	6020A	ND	U	ug/L	0.25	0.08	1	07/21/21 18:12	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/04/21 07:50
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_001	**Basis:**	NA
Lab Code:	K2106466-017		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	1.3	0.2	1	07/21/21 19:12	06/16/21	
Iron	6020A	**3.1**	**J**	ug/L	5.0	0.8	1	07/21/21 19:12	06/16/21	
Molybdenum	6020A	**0.68**		ug/L	0.25	0.08	1	07/21/21 19:12	06/16/21	

General Chemistry

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	05/29/21 14:20
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_101	**Basis:**	NA
Lab Code:	K2106466-001		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Carbon, Dissolved Organic (DOC)	9060A	**11300**	mg/L	250	40	500	06/24/21 13:50	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	05/29/21 14:20
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_101	**Basis:**	NA
Lab Code:	K2106466-001		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Sulfate	300.0	**478**	mg/L	20	2	100	06/16/21 19:31	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	05/29/21 14:25
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_201	**Basis:**	NA
Lab Code:	K2106466-002		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Carbon, Dissolved Organic (DOC)	9060A	**11500**	mg/L	250	40	500	06/24/21 13:50	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	05/29/21 14:25
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_201	**Basis:**	NA
Lab Code:	K2106466-002		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Sulfate	300.0	**2390**	mg/L	200	20	1000	06/16/21 19:41	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	05/29/21 14:30
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_20_101	**Basis:**	NA
Lab Code:	K2106466-003		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Carbon, Dissolved Organic (DOC)	9060A	**9950**	mg/L	250	40	500	06/24/21 13:50	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	05/29/21 14:30
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_20_101	**Basis:**	NA
Lab Code:	K2106466-003		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Sulfate	300.0	**1020**	mg/L	100	10	500	06/16/21 19:51	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	05/29/21 14:35
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_20_201	**Basis:**	NA
Lab Code:	K2106466-004		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Carbon, Dissolved Organic (DOC)	9060A	**7550**	mg/L	250	40	500	06/24/21 13:50	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	05/29/21 14:35
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_20_201	**Basis:**	NA
Lab Code:	K2106466-004		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Sulfate	300.0	**3090**	mg/L	200	20	1000	06/16/21 20:40	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	05/29/21 14:10
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_001	**Basis:**	NA
Lab Code:	K2106466-005		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Carbon, Dissolved Organic (DOC)	9060A	**27.0**	mg/L	0.50	0.07	1	06/24/21 13:50	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	05/29/21 14:10
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_001	**Basis:**	NA
Lab Code:	K2106466-005		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Sulfate	300.0	**50**	mg/L	10	1	50	06/16/21 20:49	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	05/29/21 14:15
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_20_001	**Basis:**	NA
Lab Code:	K2106466-006		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Carbon, Dissolved Organic (DOC)	9060A	**89.5**	mg/L	2.5	0.4	5	06/24/21 13:50	

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dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	05/29/21 14:15
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_20_001	**Basis:**	NA
Lab Code:	K2106466-006		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Sulfate	300.0	**790**	mg/L	40	4	200	06/16/21 21:28	

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dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/01/21 16:30
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_102	**Basis:**	NA
Lab Code:	K2106466-007		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Carbon, Dissolved Organic (DOC)	9060A	**12700**	mg/L	250	40	500	06/24/21 13:50	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/01/21 16:30
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_102	**Basis:**	NA
Lab Code:	K2106466-007		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Sulfate	300.0	**496**	mg/L	20	2	100	06/16/21 21:37	

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dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/01/21 17:00
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_202	**Basis:**	NA
Lab Code:	K2106466-008		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Carbon, Dissolved Organic (DOC)	9060A	**10600**	mg/L	250	40	500	06/24/21 13:50	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/01/21 17:00
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_202	**Basis:**	NA
Lab Code:	K2106466-008		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Sulfate	300.0	**2620**	mg/L	100	10	500	06/16/21 21:47	

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dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/01/21 17:15
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_20_102	**Basis:**	NA
Lab Code:	K2106466-009		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Carbon, Dissolved Organic (DOC)	9060A	**9850**	mg/L	250	40	500	06/24/21 13:50	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/01/21 17:15
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_20_102	**Basis:**	NA
Lab Code:	K2106466-009		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Sulfate	300.0	**1580**	mg/L	100	10	500	06/16/21 22:17	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/01/21 17:30
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_20_202	**Basis:**	NA
Lab Code:	K2106466-010		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Carbon, Dissolved Organic (DOC)	9060A	**10400**	mg/L	250	40	500	06/24/21 13:50	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/01/21 17:30
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_20_202	**Basis:**	NA
Lab Code:	K2106466-010		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Sulfate	300.0	**2930**	mg/L	200	20	1000	06/16/21 22:26	

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dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/01/21 16:00
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_002	**Basis:**	NA
Lab Code:	K2106466-011		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Carbon, Dissolved Organic (DOC)	9060A	**28.2**	mg/L	0.50	0.07	1	06/24/21 13:50	

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dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/01/21 16:00
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_002	**Basis:**	NA
Lab Code:	K2106466-011		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Sulfate	300.0	**48**	mg/L	10	1	50	06/16/21 22:36	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/01/21 16:15
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_20_002	**Basis:**	NA
Lab Code:	K2106466-012		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Carbon, Dissolved Organic (DOC)	9060A	**23.6**	mg/L	0.50	0.07	1	06/24/21 13:50	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/01/21 16:15
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_20_002	**Basis:**	NA
Lab Code:	K2106466-012		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Sulfate	300.0	**927**	mg/L	40	4	200	06/17/21 10:44	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/04/21 08:50
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_103	**Basis:**	NA
Lab Code:	K2106466-013		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Carbon, Dissolved Organic (DOC)	9060A	**18700**	mg/L	500	70	1000	06/24/21 13:50	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/04/21 08:50
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_103	**Basis:**	NA
Lab Code:	K2106466-013		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Sulfate	300.0	**514**	mg/L	20	2	100	06/17/21 10:53	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/04/21 10:15
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_203	**Basis:**	NA
Lab Code:	K2106466-014		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Carbon, Dissolved Organic (DOC)	9060A	**12500**	mg/L	250	40	500	06/24/21 13:50	

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dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/04/21 10:15
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_203	**Basis:**	NA
Lab Code:	K2106466-014		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Sulfate	300.0	**3850**	mg/L	200	20	1000	06/17/21 11:23	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/04/21 08:10
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_003	**Basis:**	NA
Lab Code:	K2106466-015		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Carbon, Dissolved Organic (DOC)	9060A	**35.0**	mg/L	2.5	0.4	5	06/24/21 13:50	

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dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/04/21 08:10
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_15_003	**Basis:**	NA
Lab Code:	K2106466-015		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Sulfate	300.0	**53.4**	mg/L	4.0	0.4	20	06/17/21 11:33	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/04/21 10:00
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_20_003	**Basis:**	NA
Lab Code:	K2106466-016		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Carbon, Dissolved Organic (DOC)	9060A	**27.5**	mg/L	0.50	0.07	1	06/24/21 13:50	

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dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/04/21 10:00
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_20_003	**Basis:**	NA
Lab Code:	K2106466-016		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Sulfate	300.0	**903**	mg/L	40	4	200	06/17/21 11:43	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/04/21 07:50
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_001	**Basis:**	NA
Lab Code:	K2106466-017		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Carbon, Dissolved Organic (DOC)	9060A	**0.29 J**	mg/L	0.50	0.07	1	06/24/21 13:50	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/04/21 07:50
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR_GWC_001	**Basis:**	NA
Lab Code:	K2106466-017		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Sulfate	300.0	**1.2**	mg/L	1.0	0.1	5	06/16/21 19:12	

QC Summary Forms

ALS Environmental—Kelso Laboratory
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Metals

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2110918-01		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	0.50	0.09	1	07/21/21 18:24	06/16/21	
Iron	6020A	**0.5**	**J**	ug/L	2.0	0.3	1	07/21/21 18:24	06/16/21	
Molybdenum	6020A	ND	U	ug/L	0.10	0.03	1	07/21/21 18:24	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2110920-01		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	0.50	0.09	1	07/21/21 17:10	06/16/21	
Iron	6020A	ND	U	ug/L	2.0	0.3	1	07/21/21 17:10	06/16/21	
Molybdenum	6020A	ND	U	ug/L	0.10	0.03	1	07/21/21 17:10	06/16/21	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	05/29/21
Sample Matrix:	Water	**Date Received:**	06/04/21
		Date Analyzed:	07/21/21
		Date Extracted:	06/16/21

Matrix Spike Summary
Total Metals

Sample Name:	GR_GWC_15_001	**Units:**	ug/L
Lab Code:	K2106466-005	**Basis:**	NA
Analysis Method:	6020A		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2110918-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	72.4	196	125	99	75-125
Iron	3430	3370	125	-49 #	75-125
Molybdenum	113	175	62.5	100	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	05/29/21
Sample Matrix:	Water	**Date Received:**	06/04/21
		Date Analyzed:	07/21/21
		Date Extracted:	06/16/21

Matrix Spike Summary
Dissolved Metals

Sample Name:	GR_GWC_15_001	**Units:**	ug/L
Lab Code:	K2106466-005	**Basis:**	NA
Analysis Method:	6020A		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2110920-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	39.1	168	125	103	75-125
Iron	1230	1280	125	38 #	75-125
Molybdenum	122	186	62.5	102	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project	Grumman Rd MNR	**Date Collected:**	05/29/21
Sample Matrix:	Water	**Date Received:**	06/04/21
		Date Analyzed:	07/21/21

Replicate Sample Summary
Total Metals

Sample Name:	GR_GWC_15_001	**Units:**	ug/L
Lab Code:	K2106466-005	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2110918-03 Result	Average	RPD	RPD Limit
Arsenic	6020A	1.3	0.2	72.4	73.5	73.0	2	20
Iron	6020A	5.0	0.8	3430	3370	3400	2	20
Molybdenum	6020A	0.25	0.08	113	112	113	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project	Grumman Rd MNR	**Date Collected:**	05/29/21
Sample Matrix:	Water	**Date Received:**	06/04/21
		Date Analyzed:	07/21/21

Replicate Sample Summary
Dissolved Metals

Sample Name:	GR_GWC_15_001	**Units:**	ug/L
Lab Code:	K2106466-005	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2110920-03 Result	Average	RPD	RPD Limit
Arsenic	6020A	1.3	0.2	39.1	39.0	39.1	<1	20
Iron	6020A	5.0	0.8	1230	1180	1210	4	20
Molybdenum	6020A	0.25	0.08	122	120	121	2	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Analyzed:**	07/21/21
Sample Matrix:	Water		

Lab Control Sample Summary
Total Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2110918-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6020A	50.2	50.0	100	80-120
Iron	6020A	47.4	50.0	95	80-120
Molybdenum	6020A	26.1	25.0	104	80-120

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Analyzed:**	07/21/21
Sample Matrix:	Water		

Lab Control Sample Summary
Dissolved Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2110920-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6020A	51.2	50.0	102	80-120
Iron	6020A	49.4	50.0	99	80-120
Molybdenum	6020A	27.0	25.0	108	80-120

General Chemistry

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	K2106466-MB1		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Carbon, Dissolved Organic (DOC)	9060A	ND U	mg/L	0.50	0.07	1	06/24/21 13:50	

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dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	K2106466-MB1		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Sulfate	300.0	ND U	mg/L	0.20	0.02	1	06/16/21 14:03	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	K2106466-MB2		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Carbon, Dissolved Organic (DOC)	9060A	ND U	mg/L	0.50	0.07	1	06/24/21 13:50	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	K2106466-MB2		

General Chemistry Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Sulfate	300.0	ND U	mg/L	0.20	0.02	1	06/16/21 20:30	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	05/29/21
Sample Matrix:	Water	**Date Received:**	06/04/21
		Date Analyzed:	06/16/21
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Sulfate

Sample Name:	GR_GWC_15_001	**Units:**	mg/L
Lab Code:	K2106466-005	**Basis:**	NA
Analysis Method:	300.0		
Prep Method:	None		

		Matrix Spike K2106466-005MS			Duplicate Matrix Spike K2106466-005DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Sulfate	50	245	200	97	248	200	99	90-110	1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Collected:**	06/01/21
Sample Matrix:	Water	**Date Received:**	06/04/21
		Date Analyzed:	06/17/21
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Sulfate

Sample Name:	GR_GWC_15_002	**Units:**	mg/L
Lab Code:	K2106466-011	**Basis:**	NA
Analysis Method:	300.0		
Prep Method:	None		

		Matrix Spike K2106466-011MS			Duplicate Matrix Spike K2106466-011DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Sulfate	48	191	200	71 *	193	200	72 *	90-110	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project	Grumman Rd MNR	**Date Collected:**	05/29/21
Sample Matrix:	Water	**Date Received:**	06/04/21
		Date Analyzed:	06/16/21

Replicate Sample Summary
General Chemistry Parameters

Sample Name:	GR_GWC_15_001	**Units:**	mg/L
Lab Code:	K2106466-005	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample K2106466-005DUP Result	Average	RPD	RPD Limit
Sulfate	300.0	10	1	50	51	50.8	3	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project	Grumman Rd MNR	**Date Collected:**	06/01/21
Sample Matrix:	Water	**Date Received:**	06/04/21
		Date Analyzed:	06/16/21

Replicate Sample Summary
General Chemistry Parameters

Sample Name:	GR_GWC_15_002	**Units:**	mg/L
Lab Code:	K2106466-011	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample K2106466-011DUP Result	Average	RPD	RPD Limit
Sulfate	300.0	10	1	48	49	48.5	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Analyzed:**	06/16/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Sulfate

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	727733

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2106466-LCS3	4.96	5.00	99	90-110

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Analyzed:**	06/16/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Sulfate

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	727733

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2106466-LCS4	4.72	5.00	94	90-110

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Analyzed:**	06/24/21
Sample Matrix:	Water	**Date Extracted:**	NA

Duplicate Lab Control Sample Summary
General Chemistry Parameters

Analysis Method:	9060A	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	728559

	Lab Control Sample K2106466-LCS1			Duplicate Lab Control Sample K2106466-DLCS1					
Analyte Name	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Carbon, Dissolved Organic (DOC)	24.8	25.0	99	24.7	25.0	99	83-117	<1	20

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106466
Project:	Grumman Rd MNR	**Date Analyzed:**	06/24/21
Sample Matrix:	Water	**Date Extracted:**	NA

Duplicate Lab Control Sample Summary
General Chemistry Parameters

Analysis Method:	9060A	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	728559

	Lab Control Sample K2106466-LCS2			Duplicate Lab Control Sample K2106466-DLCS2					
Analyte Name	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Carbon, Dissolved Organic (DOC)	24.6	25.0	98	24.7	25.0	99	83-117	<1	20

June 29, 2021 Service Request No:K2106469

Jessica Goin
Anchor QEA, LLC
421 SW Sixth Ave.
Suite 750
Portland, OR 97204

Laboratory Results for: Grumman Rd MNR

Dear Jessica,

Enclosed are the results of the sample(s) submitted to our laboratory June 04, 2021
For your reference, these analyses have been assigned our service request number **K2106469.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3376. You may also contact me via email at Mark.Harris@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Mark Harris
Project Manager

ADDRESS 1317 S. 13th Avenue, Kelso, WA 98626
PHONE +1 360 577 7222 | FAX +1 360 636 1068
ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

ALS Environmental—Kelso Laboratory
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www.alsglobal.com

1317 South 13th Ave, Kelso, WA 98626 | 1-360-577-7222 | www.alsglobal.com

Client: Anchor QEA, LLC
Project: Grumman Rd MNR
Sample Matrix: Water

Service Request: K2106469
Date Received: 06/04/2021

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt:

Eight water samples were received for analysis at ALS Environmental on 06/04/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

Approved by _____ Date 06/29/2021

SAMPLE DETECTION SUMMARY

CLIENT ID: GR-AAO-101	Lab ID: K2106469-001					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Aluminum, Dissolved	105000		1	10	ug/L	6020A
Iron, Dissolved	22900		0.8	5.0	ug/L	6020A

CLIENT ID: GR-AAO-201	Lab ID: K2106469-002					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Aluminum, Dissolved	9250		1	10	ug/L	6020A
Iron, Dissolved	1220		0.8	5.0	ug/L	6020A

CLIENT ID: GR-AAO-202	Lab ID: K2106469-003					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Aluminum, Dissolved	4690		1	10	ug/L	6020A
Iron, Dissolved	21200		0.8	5.0	ug/L	6020A

CLIENT ID: GR-AAO-301	Lab ID: K2106469-004					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Aluminum, Dissolved	42000		1	10	ug/L	6020A
Iron, Dissolved	631		0.8	5.0	ug/L	6020A

CLIENT ID: GR-AAO-302	Lab ID: K2106469-005					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Aluminum, Dissolved	3170		1	10	ug/L	6020A
Iron, Dissolved	15100		0.8	5.0	ug/L	6020A

CLIENT ID: GR-AAO-401	Lab ID: K2106469-006					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Aluminum, Dissolved	124000		10	100	ug/L	6020A
Iron, Dissolved	2960		8	50	ug/L	6020A

CLIENT ID: GR-AAO-1302	Lab ID: K2106469-007					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Aluminum, Dissolved	3650		1	10	ug/L	6020A
Iron, Dissolved	15600		0.8	5.0	ug/L	6020A

CLIENT ID: GR-AAO-501	Lab ID: K2106469-008					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Aluminum, Dissolved	8	J	1	10	ug/L	6020A
Iron, Dissolved	54.6		0.8	5.0	ug/L	6020A

Sample Receipt Information

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

Client: Anchor QEA, LLC **Service Request:**K2106469
Project: Grumman Rd MNR

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
K2106469-001	GR-AAO-101	6/3/2021	1230
K2106469-002	GR-AAO-201	6/3/2021	1235
K2106469-003	GR-AAO-202	6/3/2021	1240
K2106469-004	GR-AAO-301	6/3/2021	1245
K2106469-005	GR-AAO-302	6/3/2021	1250
K2106469-006	GR-AAO-401	6/3/2021	1255
K2106469-007	GR-AAO-1302	6/3/2021	1300
K2106469-008	GR-AAO-501	6/3/2021	1305

CHAIN OF CUSTODY

Cooler Receipt and Preservation Form

Client [illegible] Service Request #27 [illegible]

Received 6/4/21 Opened 6/4/21 By [illegible] Unloaded 6/4/21 By [illegible]

1 Was custody seal intact? NA Y N (Broken) FedEx UPS DHL FDX Courier Hand Delivered

2 Was custody seal intact on cooler? (Cooler) Box Envelope Other NA

3 Was custody seal on cooler? NA Y N If yes, how many and where?

If present, were dates and signature intact? NA Y N If present, were they signed and dated? Y N

4 Was a temperature blank present in cooler? NA (Y) N If no, record the temperature in the appropriate column below.

If no, take the temperature of a representative sample bottle contained within the cooler. Indicate in the column below. Sample Temp.

5 Were samples received at a temperature of 0-6°C? NA (Y) N

If no, were they received on ice and same day as collected? If not, notify the PM below and notify the PM (Y) Y N

6 Indicate if the following samples are received Frozen Partially Thawed Thawed

Temp Blank	Sample Temp	IR Gun	Cooler #(COC ID #)	Out of Temp Indicate with "X"	PM Notified (Date of Notify)	Tracking Number NA	Final
5.4		IR01				9234 0346 9604	

7 Custody seals Intact (Broken) Bottle Tape Cut Plastic (Bubble) Dry Ice Sleeves

8 Were custody papers properly filled out (ink, signed, etc.)? NA Y N

9 Were samples received in good condition/cold/intact? NA Y N

10 Were all sample labels complete (analysis, preservation, etc.)? NA Y N

11 Did all sample labels and tags agree with custody papers? NA Y N

12 Were appropriate bottles/containers and volumes received for the tests indicated? NA Y N

13 Were the pH-preserved bottles (see SOW Guide) verified to be within specified pH? Indicate in the table below. (NA) Y N

14 Were VOA vials received without headspace? Indicate in the table below. (NA) Y N

15 Was C12/Res negative? (NA) Y N

Sample ID on Bottle	Sample ID on COC	Identified by

Sample ID	Bottle Count Bottle Type	Headspace	Broken	pH	Reagent	Volume added	Reagent Lot Number	Initials	Time

Notify Discrepancies Resolution:

Did not [illegible] because of limited volume

Miscellaneous Forms

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Anchor QEA, LLC
Project: Grumman Rd MNR/
Service Request: K2106469

Sample Name: GR-AAO-101
Lab Code: K2106469-001
Sample Matrix: Water
Date Collected: 06/3/21
Date Received: 06/4/21

Analysis Method	Extracted/Digested By	Analyzed By
6020A	ABOYER	EMCALLISTER

Sample Name: GR-AAO-201
Lab Code: K2106469-002
Sample Matrix: Water
Date Collected: 06/3/21
Date Received: 06/4/21

Analysis Method	Extracted/Digested By	Analyzed By
6020A	ABOYER	EMCALLISTER

Sample Name: GR-AAO-202
Lab Code: K2106469-003
Sample Matrix: Water
Date Collected: 06/3/21
Date Received: 06/4/21

Analysis Method	Extracted/Digested By	Analyzed By
6020A	ABOYER	EMCALLISTER

Sample Name: GR-AAO-202
Lab Code: K2106469-003.R01
Sample Matrix: Water
Date Collected: 06/3/21
Date Received: 06/4/21

Analysis Method	Extracted/Digested By	Analyzed By
6020A	ABOYER	EMCALLISTER

Sample Name: GR-AAO-301
Lab Code: K2106469-004
Sample Matrix: Water
Date Collected: 06/3/21
Date Received: 06/4/21

Analysis Method	Extracted/Digested By	Analyzed By
6020A	ABOYER	EMCALLISTER

Client: Anchor QEA, LLC
Project: Grumman Rd MNR/
Service Request: K2106469

Sample Name: GR-AAO-302
Lab Code: K2106469-005
Sample Matrix: Water
Date Collected: 06/3/21
Date Received: 06/4/21

Analysis Method	Extracted/Digested By	Analyzed By
6020A	ABOYER	EMCALLISTER

Sample Name: GR-AAO-302
Lab Code: K2106469-005.R01
Sample Matrix: Water
Date Collected: 06/3/21
Date Received: 06/4/21

Analysis Method	Extracted/Digested By	Analyzed By
6020A	ABOYER	EMCALLISTER

Sample Name: GR-AAO-401
Lab Code: K2106469-006
Sample Matrix: Water
Date Collected: 06/3/21
Date Received: 06/4/21

Analysis Method	Extracted/Digested By	Analyzed By
6020A	ABOYER	EMCALLISTER

Sample Name: GR-AAO-1302
Lab Code: K2106469-007
Sample Matrix: Water
Date Collected: 06/3/21
Date Received: 06/4/21

Analysis Method	Extracted/Digested By	Analyzed By
6020A	ABOYER	EMCALLISTER

Sample Name: GR-AAO-1302
Lab Code: K2106469-007.R01
Sample Matrix: Water
Date Collected: 06/3/21
Date Received: 06/4/21

Analysis Method	Extracted/Digested By	Analyzed By
6020A	ABOYER	EMCALLISTER

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Analyst Summary report

Client:	Anchor QEA, LLC	**Service Request:**	K2106469
Project:	Grumman Rd MNR/		

Sample Name:	GR-AAO-501	**Date Collected:**	06/3/21
Lab Code:	K2106469-008	**Date Received:**	06/4/21
Sample Matrix:	Water		

Analysis Method	Extracted/Digested By	Analyzed By
6020A	ABOYER	EMCALLISTER

Sample Results

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Metals

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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106469
Project:	Grumman Rd MNR	**Date Collected:**	06/03/21 12:30
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR-AAO-101	**Basis:**	NA
Lab Code:	K2106469-001		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aluminum	6020A	**105000**	ug/L	10	1	1	06/21/21 21:16	06/16/21	
Iron	6020A	**22900**	ug/L	5.0	0.8	1	06/21/21 21:16	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106469
Project:	Grumman Rd MNR	**Date Collected:**	06/03/21 12:35
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR-AAO-201	**Basis:**	NA
Lab Code:	K2106469-002		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aluminum	6020A	**9250**	ug/L	10	1	1	06/21/21 21:24	06/16/21	
Iron	6020A	**1220**	ug/L	5.0	0.8	1	06/21/21 21:24	06/16/21	

Client:	Anchor QEA, LLC	**Service Request:**	K2106469
Project:	Grumman Rd MNR	**Date Collected:**	06/03/21 12:40
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR-AAO-202	**Basis:**	NA
Lab Code:	K2106469-003		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aluminum	6020A	**4690**	ug/L	10	1	1	06/24/21 16:38	06/16/21	
Iron	6020A	**21200**	ug/L	5.0	0.8	1	06/21/21 21:54	06/16/21	

Client:	Anchor QEA, LLC	**Service Request:**	K2106469
Project:	Grumman Rd MNR	**Date Collected:**	06/03/21 12:45
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR-AAO-301	**Basis:**	NA
Lab Code:	K2106469-004		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aluminum	6020A	**42000**	ug/L	10	1	1	06/21/21 21:59	06/16/21	
Iron	6020A	**631**	ug/L	5.0	0.8	1	06/21/21 21:59	06/16/21	

Client:	Anchor QEA, LLC	**Service Request:**	K2106469
Project:	Grumman Rd MNR	**Date Collected:**	06/03/21 12:50
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR-AAO-302	**Basis:**	NA
Lab Code:	K2106469-005		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aluminum	6020A	**3170**	ug/L	10	1	1	06/24/21 16:40	06/16/21	
Iron	6020A	**15100**	ug/L	5.0	0.8	1	06/21/21 22:03	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106469
Project:	Grumman Rd MNR	**Date Collected:**	06/03/21 12:55
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR-AAO-401	**Basis:**	NA
Lab Code:	K2106469-006		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aluminum	6020A	**124000**	ug/L	100	10	10	06/21/21 22:11	06/16/21	
Iron	6020A	**2960**	ug/L	50	8	10	06/21/21 22:11	06/16/21	

Client:	Anchor QEA, LLC	**Service Request:**	K2106469
Project:	Grumman Rd MNR	**Date Collected:**	06/03/21 13:00
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR-AAO-1302	**Basis:**	NA
Lab Code:	K2106469-007		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aluminum	6020A	**3650**	ug/L	10	1	1	06/24/21 16:41	06/16/21	
Iron	6020A	**15600**	ug/L	5.0	0.8	1	06/21/21 22:16	06/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106469
Project:	Grumman Rd MNR	**Date Collected:**	06/03/21 13:05
Sample Matrix:	Water	**Date Received:**	06/04/21 10:00
Sample Name:	GR-AAO-501	**Basis:**	NA
Lab Code:	K2106469-008		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aluminum	6020A	**8 J**	ug/L	10	1	1	06/21/21 22:50	06/16/21	
Iron	6020A	**54.6**	ug/L	5.0	0.8	1	06/21/21 22:50	06/16/21	

QC Summary Forms

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106469
Project:	Grumman Rd MNR	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2110930-01		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aluminum	6020A	**1.1 J**	ug/L	4.0	0.5	1	06/21/21 21:07	06/16/21	
Iron	6020A	**1.2 J**	ug/L	2.0	0.3	1	06/21/21 21:07	06/16/21	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106469
Project:	Grumman Rd MNR	**Date Collected:**	06/03/21
Sample Matrix:	Water	**Date Received:**	06/04/21
		Date Analyzed:	06/21/21
		Date Extracted:	06/16/21

Matrix Spike Summary
Dissolved Metals

Sample Name:	GR-AAO-201	**Units:**	ug/L
Lab Code:	K2106469-002	**Basis:**	NA
Analysis Method:	6020A		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2110930-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Aluminum	9250	9670	250	165 #	75-125
Iron	1220	1370	125	118 #	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106469
Project	Grumman Rd MNR	**Date Collected:**	06/03/21
Sample Matrix:	Water	**Date Received:**	06/04/21
		Date Analyzed:	06/21/21

Replicate Sample Summary
Dissolved Metals

Sample Name:	GR-AAO-201	**Units:**	ug/L
Lab Code:	K2106469-002	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2110930-03 Result	Average	RPD	RPD Limit
Aluminum	6020A	10	1	9250	9400	9330	2	20
Iron	6020A	5.0	0.8	1220	1280	1250	5	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106469
Project:	Grumman Rd MNR	**Date Analyzed:**	06/21/21
Sample Matrix:	Water		

Lab Control Sample Summary
Dissolved Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2110930-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Aluminum	6020A	95.4	100	95	80-120
Iron	6020A	46.0	50.0	92	80-120

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July 26, 2021

Analytical Report for Service Request No: K2106953

Jessica Goin
Anchor QEA, LLC
421 SW Sixth Ave.
Suite 750
Portland, OR 97204

RE: Grumman Road MNR

Dear Jessica,

Enclosed are the results of the sample(s) submitted to our laboratory June 16, 2021
For your reference, these analyses have been assigned our service request number **K2106953.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3376. You may also contact me via email at Mark.Harris@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Mark Harris
Project Manager

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Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Case Narrative

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Client: Anchor QEA, LLC
Project: Grumman Road MNR
Sample Matrix: Water

Service Request: K2106953
Date Received: 06/16/2021

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.

Sample Receipt:

Eight water samples were received for analysis at ALS Environmental on 06/16/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

General Chemistry:

Method 300.0, 07/01/2021: The matrix spike recoveries of Sulfate for sample GR_GWC-15_104 were outside control criteria. Recovery in the Laboratory Control Sample (LCS) was acceptable, which indicated the analytical batch was in control. The matrix spike outliers suggested a potential high bias in this matrix. No further corrective action was appropriate.

Approved by _____ Date 07/26/2021

Chain of Custody

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CHAIN OF CUSTODY

K2 '66953

Cooler Receipt and Preservation Form

Client _____ Service Request (SR) _____

Received _____ Opened _____ By _____ Unloaded _____ By _____

1 Sample containers intact: USPS / Hand Del / UPS / FedEx / Courier / Client Delivered

2 Sample custody seals intact: Cooler / Box / Container / Other / N/A

3 Chain of custody seals intact: N/A / Y / N — Properly completed and signed

Chain of custody seals intact: Y / N — Relinquished / received signature dates

4 Was a temperature blank included? N/A / Y / N — Type: Ice / Blue Ice / Dry Ice / None / Other

Was the temperature of a representative sample or temp blank within the acceptable range (0-6°C)?

5 Were samples received in the correct container for the requested analysis? N/A / Y / N

Did any of the containers arrive broken, leaking, or with improper preservation? N/A / Y / N

6 Are samples in good condition? Intact / Partially Damaged / Damaged

Temp Blank	Sample Temp	IR Gun	Cooler #/SDC ID/N/A	Out of temp indicate with "X"	PM Notified if out of temp	Tracking Number	Initial	Date

7 Preservation: Intact / Broken / Bubble Wrap / Cut Foam / Wet Ice / Dry Ice / Other

7 Were custody seals on bottles intact? N/A / Y / N

8 Were sample dates and times given on bottles? N/A / Y / N

9 Were all sample labels complete and legible? N/A / Y / N

10 Did all sample labels agree with chain of custody? N/A / Y / N

11 Were correct containers used for the requested analysis? N/A / Y / N

12 Were correct preservatives used, and was sufficient volume received for the requested analysis? N/A / Y / N

13 Were VOA vials received without headspace? Indicate in the table below. N/A / Y / N

14 Were 1/2 containers received? N/A / Y / N

Sample ID on Bottle	Sample ID on COC	Identified by:

Sample ID	Bottle Count Bottle Type	Head-space	Broke / pH	Reagent	Volume added	Reagent Lot Number	Initials	Time

Note: Discrepancies, Resolutions

SHORT HOLD TIME

General Chemistry

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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106953
Project:	Grumman Road MNR	**Date Collected:**	06/04/21 - 06/11/21
Sample Matrix:	Water	**Date Received:**	06/16/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Sulfate

Sample Name	Lab Code	Result		MRL	MDL	Dil.	Date Analyzed	Q
GR_GWC_20_103	K2106953-001	**1620**		80	8	400	07/01/21 10:54	
GR_GWC_20_203	K2106953-002	**3250**		100	10	500	07/01/21 11:04	
GR_GWC_15_104	K2106953-003	**491**		20	2	100	07/01/21 11:13	
GR_GWC_15_204	K2106953-004	**2870**		100	10	500	07/01/21 11:52	
GR_GWC_20_104	K2106953-005	**1670**		80	8	400	07/01/21 12:01	
GR_GWC_20_204	K2106953-006	**4690**		200	20	1000	07/01/21 12:11	
GR_GWC_15_004	K2106953-007	**45.1**		8.0	0.8	40	07/01/21 12:20	
GR_GWC_20_004	K2106953-008	**889**		40	4	200	07/01/21 14:04	
Method Blank	K2106953-MB1	ND	U	0.20	0.02	1	06/30/21 16:38	
Method Blank	K2106953-MB2	ND	U	0.20	0.02	1	06/30/21 22:02	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106953
Project	Grumman Road MNR	**Date Collected:**	06/11/21
Sample Matrix:	Water	**Date Received:**	06/16/21
		Date Analyzed:	07/01/21

Replicate Sample Summary
General Chemistry Parameters

Sample Name:	GR_GWC_15_104	**Units:**	mg/L
Lab Code:	K2106953-003	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample K2106953-003DUP Result	Average	RPD	RPD Limit
Sulfate	300.0	20	2	491	509	500	4	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106953
Project:	Grumman Road MNR	**Date Collected:**	06/11/21
Sample Matrix:	Water	**Date Received:**	06/16/21
		Date Analyzed:	07/1/21
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Sulfate

Sample Name:	GR_GWC_15_104	**Units:**	mg/L
Lab Code:	K2106953-003	**Basis:**	NA
Analysis Method:	300.0		
Prep Method:	None		

		Matrix Spike K2106953-003MS			Duplicate Matrix Spike K2106953-003DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Sulfate	491	959	400	117 *	941	400	112 *	90-110	2	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106953
Project:	Grumman Road MNR	**Date Analyzed:**	06/30/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Sulfate

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	729496

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2106953-LCS4	4.82	5.00	96	90-110
Lab Control Sample	K2106953-LCS5	4.83	5.00	97	90-110

Client: Anchor QEA, LLC **Service Request:** K2106953
Project: Grumman Road MNR

Continuing Calibration Verification (CCV) Summary

Sulfate

Analysis Method: 300.0 **Units:** mg/L

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	729496	KQ2112273-01	06/30/21 16:03	5.00	4.79	96	90-110
CCV2	729496	KQ2112273-02	06/30/21 18:19	5.00	5.08	102	90-110
CCV3	729496	KQ2112273-03	06/30/21 20:15	5.00	4.90	98	90-110
CCV4	729496	KQ2112273-04	06/30/21 22:11	5.00	4.83	97	90-110
CCV5	729496	KQ2112273-05	06/30/21 22:51	5.00	5.36	107	90-110
CCV6	729496	KQ2112273-06	07/01/21 13:43	5.00	5.45	109	90-110
CCV7	729496	KQ2112273-07	07/01/21 15:12	5.00	4.80	96	90-110

Client: Anchor QEA, LLC **Service Request:**K2106953
Project: Grumman Road MNR

Continuing Calibration Blank (CCB) Summary
Sulfate

Analysis Method: 300.0 **Units:**mg/L

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	729496	KQ2112273-08	06/30/21 16:18	0.20	0.02	ND	U
CCB2	729496	KQ2112273-09	06/30/21 18:29	0.20	0.02	0.03	J
CCB3	729496	KQ2112273-10	06/30/21 20:25	0.20	0.02	0.02	J
CCB4	729496	KQ2112273-11	06/30/21 22:22	0.20	0.02	0.02	J
CCB5	729496	KQ2112273-12	06/30/21 23:02	0.20	0.02	0.06	J
CCB6	729496	KQ2112273-13	07/01/21 13:53	0.20	0.02	ND	U
CCB7	729496	KQ2112273-14	07/01/21 15:27	0.20	0.02	ND	U

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106953
Project:	Grumman Road MNR	**Date Collected:**	06/04/21 - 06/11/21
Sample Matrix:	Water	**Date Received:**	06/16/21
Analysis Method:	9060A	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Carbon, Dissolved Organic (DOC)

Sample Name	Lab Code	Result	MRL	MDL	Dil.	Date Analyzed	Q
GR_GWC_20_103	K2106953-001	**8900**	250	40	500	07/01/21 21:34	
GR_GWC_20_203	K2106953-002	**7600**	250	40	500	07/01/21 21:34	
GR_GWC_15_104	K2106953-003	**6000**	250	40	500	07/01/21 21:34	
GR_GWC_15_204	K2106953-004	**8600**	250	40	500	07/01/21 21:34	
GR_GWC_20_104	K2106953-005	**7300**	250	40	500	07/01/21 21:34	
GR_GWC_20_204	K2106953-006	**12400**	250	40	500	07/01/21 21:34	
GR_GWC_15_004	K2106953-007	**34.0**	2.5	0.4	5	07/01/21 21:34	
GR_GWC_20_004	K2106953-008	**24.0**	2.5	0.4	5	07/01/21 21:34	
Method Blank	K2106953-MB1	ND	0.50	0.07	1	07/01/21 21:34	U
Method Blank	K2106953-MB2	ND	0.50	0.07	1	07/01/21 21:34	U
Method Blank	K2106953-MB3	ND	0.50	0.07	1	07/01/21 21:34	U

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106953
Project:	Grumman Road MNR	**Date Analyzed:**	07/01/21
Sample Matrix:	Water	**Date Extracted:**	NA

Duplicate Lab Control Sample Summary
General Chemistry Parameters

Analysis Method:	9060A	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	729658

	Lab Control Sample K2106953-LCS1			Duplicate Lab Control Sample K2106953-DLCS1					
Analyte Name	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Carbon, Dissolved Organic (DOC)	24.6	25.0	98	24.7	25.0	99	83-117	<1	20

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106953
Project:	Grumman Road MNR	**Date Analyzed:**	07/01/21
Sample Matrix:	Water	**Date Extracted:**	NA

Duplicate Lab Control Sample Summary
General Chemistry Parameters

Analysis Method:	9060A	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	729658

	Lab Control Sample K2106953-LCS2			Duplicate Lab Control Sample K2106953-DLCS2					
Analyte Name	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Carbon, Dissolved Organic (DOC)	24.6	25.0	98	24.6	25.0	98	83-117	<1	20

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106953
Project:	Grumman Road MNR	**Date Analyzed:**	07/01/21
Sample Matrix:	Water	**Date Extracted:**	NA

Duplicate Lab Control Sample Summary
General Chemistry Parameters

Analysis Method:	9060A	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	729658

	Lab Control Sample K2106953-LCS3			Duplicate Lab Control Sample K2106953-DLCS3					
Analyte Name	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Carbon, Dissolved Organic (DOC)	24.7	25.0	99	24.7	25.0	99	83-117	<1	20

Client: Anchor QEA, LLC **Service Request:** K2106953
Project: Grumman Road MNR

Continuing Calibration Verification (CCV) Summary

Carbon, Dissolved Organic (DOC)

Analysis Method: 9060A **Units:** mg/L

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	729658	KQ2112274-01	07/01/21 21:34	25.0	24.8	99	90-110
CCV2	729658	KQ2112274-02	07/01/21 21:34	25.0	24.8	99	90-110
CCV3	729658	KQ2112274-03	07/01/21 21:34	25.0	24.7	99	90-110
CCV4	729658	KQ2112274-04	07/01/21 21:34	25.0	24.9	100	90-110
CCV5	729658	KQ2112274-05	07/01/21 21:34	25.0	24.7	99	90-110

Client: Anchor QEA, LLC **Service Request:**K2106953
Project: Grumman Road MNR

Continuing Calibration Blank (CCB) Summary
Carbon, Dissolved Organic (DOC)

Analysis Method: 9060A **Units:**mg/L

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	729658	KQ2112274-06	07/01/21 21:34	0.50	0.07	ND	U
CCB2	729658	KQ2112274-07	07/01/21 21:34	0.50	0.07	ND	U
CCB3	729658	KQ2112274-08	07/01/21 21:34	0.50	0.07	ND	U
CCB4	729658	KQ2112274-09	07/01/21 21:34	0.50	0.07	ND	U
CCB5	729658	KQ2112274-10	07/01/21 21:34	0.50	0.07	ND	U

Metals

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
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www.alsglobal.com

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106953
Project:	Grumman Road MNR	**Date Collected:**	06/04/21 10:45
Sample Matrix:	Water	**Date Received:**	06/16/21 09:30
Sample Name:	GR_GWC_20_103	**Basis:**	NA
Lab Code:	K2106953-001		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**181**	ug/L	13	2	10	07/21/21 20:00	06/23/21	
Iron	6020A	**163000**	ug/L	200	8	10	07/21/21 20:00	06/23/21	
Molybdenum	6020A	**321**	ug/L	2.5	0.8	10	07/21/21 20:00	06/23/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106953
Project:	Grumman Road MNR	**Date Collected:**	06/04/21 10:45
Sample Matrix:	Water	**Date Received:**	06/16/21 09:30
Sample Name:	GR_GWC_20_103	**Basis:**	NA
Lab Code:	K2106953-001		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**178**	ug/L	13	2	10	07/21/21 19:39	06/23/21	
Iron	6020A	**158000**	ug/L	200	8	10	07/21/21 19:39	06/23/21	
Molybdenum	6020A	**306**	ug/L	2.5	0.8	10	07/21/21 19:39	06/23/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106953
Project:	Grumman Road MNR	**Date Collected:**	06/04/21 11:00
Sample Matrix:	Water	**Date Received:**	06/16/21 09:30
Sample Name:	GR_GWC_20_203	**Basis:**	NA
Lab Code:	K2106953-002		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**165**	ug/L	13	2	10	07/21/21 20:02	06/23/21	
Iron	6020A	**1330000**	ug/L	500	80	100	07/22/21 18:20	06/23/21	
Molybdenum	6020A	**83.4**	ug/L	2.5	0.8	10	07/21/21 20:02	06/23/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106953
Project:	Grumman Road MNR	**Date Collected:**	06/04/21 11:00
Sample Matrix:	Water	**Date Received:**	06/16/21 09:30
Sample Name:	GR_GWC_20_203	**Basis:**	NA
Lab Code:	K2106953-002		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**170**	ug/L	13	2	10	07/21/21 19:51	06/23/21	
Iron	6020A	**1310000**	ug/L	500	80	100	07/22/21 18:16	06/23/21	
Molybdenum	6020A	**82.6**	ug/L	2.5	0.8	10	07/21/21 19:51	06/23/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106953
Project:	Grumman Road MNR	**Date Collected:**	06/11/21 16:15
Sample Matrix:	Water	**Date Received:**	06/16/21 09:30
Sample Name:	GR_GWC_15_104	**Basis:**	NA
Lab Code:	K2106953-003		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**147**	ug/L	13	2	10	07/21/21 20:03	06/23/21	
Iron	6020A	**159000**	ug/L	200	8	10	07/21/21 20:03	06/23/21	
Molybdenum	6020A	**47.4**	ug/L	2.5	0.8	10	07/21/21 20:03	06/23/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106953
Project:	Grumman Road MNR	**Date Collected:**	06/11/21 16:15
Sample Matrix:	Water	**Date Received:**	06/16/21 09:30
Sample Name:	GR_GWC_15_104	**Basis:**	NA
Lab Code:	K2106953-003		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**143**	ug/L	13	2	10	07/21/21 19:53	06/23/21	
Iron	6020A	**154000**	ug/L	200	8	10	07/21/21 19:53	06/23/21	
Molybdenum	6020A	**47.3**	ug/L	2.5	0.8	10	07/21/21 19:53	06/23/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106953
Project:	Grumman Road MNR	**Date Collected:**	06/11/21 16:30
Sample Matrix:	Water	**Date Received:**	06/16/21 09:30
Sample Name:	GR_GWC_15_204	**Basis:**	NA
Lab Code:	K2106953-004		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**185**	ug/L	13	2	10	07/21/21 20:05	06/23/21	
Iron	6020A	**1140000**	ug/L	500	80	100	07/22/21 18:21	06/23/21	
Molybdenum	6020A	**93.7**	ug/L	2.5	0.8	10	07/21/21 20:05	06/23/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106953
Project:	Grumman Road MNR	**Date Collected:**	06/11/21 16:30
Sample Matrix:	Water	**Date Received:**	06/16/21 09:30
Sample Name:	GR_GWC_15_204	**Basis:**	NA
Lab Code:	K2106953-004		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**181**	ug/L	13	2	10	07/21/21 19:55	06/23/21	
Iron	6020A	**1140000**	ug/L	500	80	100	07/22/21 18:17	06/23/21	
Molybdenum	6020A	**89.6**	ug/L	2.5	0.8	10	07/21/21 19:55	06/23/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106953
Project:	Grumman Road MNR	**Date Collected:**	06/11/21 16:45
Sample Matrix:	Water	**Date Received:**	06/16/21 09:30
Sample Name:	GR_GWC_20_104	**Basis:**	NA
Lab Code:	K2106953-005		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**178**	ug/L	13	2	10	07/21/21 20:12	06/23/21	
Iron	6020A	**141000**	ug/L	200	8	10	07/21/21 20:12	06/23/21	
Molybdenum	6020A	**294**	ug/L	2.5	0.8	10	07/21/21 20:12	06/23/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106953
Project:	Grumman Road MNR	**Date Collected:**	06/11/21 16:45
Sample Matrix:	Water	**Date Received:**	06/16/21 09:30
Sample Name:	GR_GWC_20_104	**Basis:**	NA
Lab Code:	K2106953-005		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**183**	ug/L	13	2	10	07/21/21 19:56	06/23/21	
Iron	6020A	**142000**	ug/L	200	8	10	07/21/21 19:56	06/23/21	
Molybdenum	6020A	**280**	ug/L	2.5	0.8	10	07/21/21 19:56	06/23/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106953
Project:	Grumman Road MNR	**Date Collected:**	06/11/21 17:00
Sample Matrix:	Water	**Date Received:**	06/16/21 09:30
Sample Name:	GR_GWC_20_204	**Basis:**	NA
Lab Code:	K2106953-006		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**143**	ug/L	13	2	10	07/21/21 20:14	06/23/21	
Iron	6020A	**1440000**	ug/L	500	80	100	07/22/21 18:23	06/23/21	
Molybdenum	6020A	**282**	ug/L	2.5	0.8	10	07/21/21 20:14	06/23/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106953
Project:	Grumman Road MNR	**Date Collected:**	06/11/21 17:00
Sample Matrix:	Water	**Date Received:**	06/16/21 09:30
Sample Name:	GR_GWC_20_204	**Basis:**	NA
Lab Code:	K2106953-006		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**148**	ug/L	13	2	10	07/21/21 19:58	06/23/21	
Iron	6020A	**1470000**	ug/L	500	80	100	07/22/21 18:19	06/23/21	
Molybdenum	6020A	**283**	ug/L	2.5	0.8	10	07/21/21 19:58	06/23/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106953
Project:	Grumman Road MNR	**Date Collected:**	06/11/21 17:15
Sample Matrix:	Water	**Date Received:**	06/16/21 09:30
Sample Name:	GR_GWC_15_004	**Basis:**	NA
Lab Code:	K2106953-007		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**5.7**		ug/L	1.3	0.2	1	07/21/21 19:36	06/23/21	
Iron	6020A	**18**	**J**	ug/L	20	0.8	1	07/21/21 19:36	06/23/21	
Molybdenum	6020A	**153**		ug/L	0.25	0.08	1	07/21/21 19:36	06/23/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106953
Project:	Grumman Road MNR	**Date Collected:**	06/11/21 17:15
Sample Matrix:	Water	**Date Received:**	06/16/21 09:30
Sample Name:	GR_GWC_15_004	**Basis:**	NA
Lab Code:	K2106953-007		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**11.3**	ug/L	1.3	0.2	1	07/21/21 19:32	06/23/21	
Iron	6020A	**281**	ug/L	20	0.8	1	07/21/21 19:32	06/23/21	
Molybdenum	6020A	**150**	ug/L	0.25	0.08	1	07/21/21 19:32	06/23/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106953
Project:	Grumman Road MNR	**Date Collected:**	06/11/21 17:25
Sample Matrix:	Water	**Date Received:**	06/16/21 09:30
Sample Name:	GR_GWC_20_004	**Basis:**	NA
Lab Code:	K2106953-008		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**5.0**		ug/L	1.3	0.2	1	07/21/21 19:38	06/23/21	
Iron	6020A	**15**	**J**	ug/L	20	0.8	1	07/21/21 19:38	06/23/21	
Molybdenum	6020A	**523**		ug/L	0.25	0.08	1	07/21/21 19:38	06/23/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106953
Project:	Grumman Road MNR	**Date Collected:**	06/11/21 17:25
Sample Matrix:	Water	**Date Received:**	06/16/21 09:30
Sample Name:	GR_GWC_20_004	**Basis:**	NA
Lab Code:	K2106953-008		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**5.9**	ug/L	1.3	0.2	1	07/21/21 19:34	06/23/21	
Iron	6020A	**104**	ug/L	20	0.8	1	07/21/21 19:34	06/23/21	
Molybdenum	6020A	**513**	ug/L	0.25	0.08	1	07/21/21 19:34	06/23/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106953
Project:	Grumman Road MNR	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2111385-01		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	0.50	0.09	1	07/21/21 19:29	06/23/21	
Iron	6020A	**0.5**	**J**	ug/L	8.0	0.3	1	07/21/21 19:29	06/23/21	
Molybdenum	6020A	ND	U	ug/L	0.10	0.03	1	07/21/21 19:29	06/23/21	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106953
Project	Grumman Road MNR	**Date Collected:**	06/04/21
Sample Matrix:	Water	**Date Received:**	06/16/21
		Date Analyzed:	07/21/21

Replicate Sample Summary
Total Metals

Sample Name:	GR_GWC_20_103	**Units:**	ug/L
Lab Code:	K2106953-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2111385-03 Result	Average	RPD	RPD Limit
Arsenic	6020A	13	2	178	185	182	4	20
Iron	6020A	200	8	158000	162000	160000	3	20
Molybdenum	6020A	2.5	0.8	306	306	306	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Printed 7/26/2021 12:25:29 PM

Superset Reference:

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106953
Project:	Grumman Road MNR	**Date Collected:**	06/04/21
Sample Matrix:	Water	**Date Received:**	06/16/21
		Date Analyzed:	07/21/21
		Date Extracted:	06/23/21

Matrix Spike Summary
Total Metals

Sample Name:	GR_GWC_20_103	**Units:**	ug/L
Lab Code:	K2106953-001	**Basis:**	NA
Analysis Method:	6020A		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2111385-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	178	315	125	110	75-125
Iron	158000	160000	130	2390 #	75-125
Molybdenum	306	368	62.5	99 #	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2106953
Project:	Grumman Road MNR	**Date Analyzed:**	07/21/21
Sample Matrix:	Water		

Lab Control Sample Summary
Total Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2111385-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6020A	52.6	50.0	105	80-120
Iron	6020A	51.0	50.0	102	80-120
Molybdenum	6020A	27.1	25.0	108	80-120

ALS Group USA, Corp.
dba ALS Environmental

Prep Summary Report

Client: Anchor QEA, LLC **Service Request:** K2106953
Project: Grumman Road MNR
Sample Matrix: Water

Metals

Prep Method: EPA CLP ILM04.0 **Extraction Lot:** 381768
Analytical Method: 6020A **Extraction Date:** 06/23/21 11:53

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Amount	Percent Solids
GR_GWC_20_103	K2106953-001	6/4/21	6/16/21	4.0 mL	10 mL	
GR_GWC_20_203	K2106953-002	6/4/21	6/16/21	4.0 mL	10 mL	
GR_GWC_15_104	K2106953-003	6/11/21	6/16/21	4.0 mL	10 mL	
GR_GWC_15_204	K2106953-004	6/11/21	6/16/21	4.0 mL	10 mL	
GR_GWC_20_104	K2106953-005	6/11/21	6/16/21	4.0 mL	10 mL	
GR_GWC_20_204	K2106953-006	6/11/21	6/16/21	4.0 mL	10 mL	
GR_GWC_15_004	K2106953-007	6/11/21	6/16/21	4.0 mL	10 mL	
GR_GWC_20_004	K2106953-008	6/11/21	6/16/21	4.0 mL	10 mL	
GR_GWC_20_103	K2106953-001	6/4/21	6/16/21	4.0 mL	10 mL	
GR_GWC_20_203	K2106953-002	6/4/21	6/16/21	4.0 mL	10 mL	
GR_GWC_15_104	K2106953-003	6/11/21	6/16/21	4.0 mL	10 mL	
GR_GWC_15_204	K2106953-004	6/11/21	6/16/21	4.0 mL	10 mL	
GR_GWC_20_104	K2106953-005	6/11/21	6/16/21	4.0 mL	10 mL	
GR_GWC_20_204	K2106953-006	6/11/21	6/16/21	4.0 mL	10 mL	
GR_GWC_15_004	K2106953-007	6/11/21	6/16/21	4.0 mL	10 mL	
GR_GWC_20_004	K2106953-008	6/11/21	6/16/21	4.0 mL	10 mL	
Method Blank	KQ2111385-01MB	NA	NA	10 mL	10 mL	
Lab Control Sample	KQ2111385-02LCS	NA	NA	10 mL	10.3 mL	
Duplicate	KQ2111385-03DUP	6/4/21	6/16/21	4.0 mL	10 mL	
Matrix Spike	KQ2111385-04MS	6/4/21	6/16/21	4.0 mL	10.3 mL	

Client: Anchor QEA, LLC **Service Request:** K2106953
Project: Grumman Road MNR

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits
ICV 07/21/21 14:58						
Arsenic	6020A	732157	23.3	25.0	93	90-110
Iron	6020A	732157	48.7	50.0	97	90-110
Molybdenum	6020A	732157	24.1	25.0	97	90-110
CCV 07/21/21 15:00						
Arsenic	6020A	732157	24.3	25.0	97	90-110
Iron	6020A	732157	245	250	98	90-110
Molybdenum	6020A	732157	12.6	12.5	101	90-110
CCV 07/21/21 15:27						
Arsenic	6020A	732157	24.5	25.0	98	90-110
Iron	6020A	732157	245	250	98	90-110
Molybdenum	6020A	732157	12.6	12.5	101	90-110
CCV 07/21/21 15:54						
Arsenic	6020A	732157	25.5	25.0	102	90-110
Iron	6020A	732157	251	250	100	90-110
Molybdenum	6020A	732157	12.9	12.5	103	90-110
CCV 07/21/21 16:28						
Arsenic	6020A	732157	24.8	25.0	99	90-110
Iron	6020A	732157	251	250	100	90-110
Molybdenum	6020A	732157	12.6	12.5	101	90-110
CCV 07/21/21 17:27						
Arsenic	6020A	732157	24.4	25.0	98	90-110
Iron	6020A	732157	248	250	99	90-110
Molybdenum	6020A	732157	12.8	12.5	102	90-110
CCV 07/21/21 17:48						
Arsenic	6020A	732157	25.2	25.0	101	90-110
Iron	6020A	732157	251	250	100	90-110
Molybdenum	6020A	732157	13.1	12.5	105	90-110
CCV 07/21/21 18:09						
Arsenic	6020A	732157	24.5	25.0	98	90-110
Iron	6020A	732157	249	250	100	90-110
Molybdenum	6020A	732157	13.1	12.5	105	90-110
CCV 07/21/21 18:17						
Arsenic	6020A	732157	25.0	25.0	100	90-110
Iron	6020A	732157	250	250	100	90-110
Molybdenum	6020A	732157	12.9	12.5	103	90-110

Client: Anchor QEA, LLC **Service Request:** K2106953
Project: Grumman Road MNR

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits
CCV 07/21/21 18:41						
Arsenic	6020A	732157	25.0	25.0	100	90-110
Iron	6020A	732157	251	250	100	90-110
Molybdenum	6020A	732157	12.7	12.5	102	90-110
CCV 07/21/21 19:02						
Arsenic	6020A	732157	24.9	25.0	100	90-110
Iron	6020A	732157	274	250	110	90-110
Molybdenum	6020A	732157	12.6	12.5	101	90-110
CCV 07/21/21 19:22						
Arsenic	6020A	732157	24.7	25.0	99	90-110
Iron	6020A	732157	248	250	99	90-110
Molybdenum	6020A	732157	12.6	12.5	101	90-110
CCV 07/21/21 19:46						
Arsenic	6020A	732157	25.4	25.0	102	90-110
Iron	6020A	732157	251	250	100	90-110
Molybdenum	6020A	732157	12.6	12.5	101	90-110
CCV 07/21/21 20:07						
Arsenic	6020A	732157	25.3	25.0	101	90-110
Iron	6020A	732157	271	250	108	90-110
Molybdenum	6020A	732157	12.7	12.5	102	90-110
CCV 07/21/21 20:15						
Arsenic	6020A	732157	24.8	25.0	99	90-110
Iron	6020A	732157	275	250	110	90-110
Molybdenum	6020A	732157	12.8	12.5	102	90-110
ICV 07/22/21 18:05						
Iron	6020A	732369	49.2	50.0	98	90-110
CCV 07/22/21 18:06						
Iron	6020A	732369	248	250	99	90-110
CCV 07/22/21 18:24						
Iron	6020A	732369	257	250	103	90-110

Client: Anchor QEA, LLC **Service Request:** K2106953
Project: Grumman Road MNR

INITIAL AND CONTINUING CALIBRATION BLANKS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	C
ICB 07/21/21 15:02				
Arsenic	6020A	732157	0.09	U
Iron	6020A	732157	0.3	U
Molybdenum	6020A	732157	0.03	U
CCB 07/21/21 15:03				
Arsenic	6020A	732157	0.09	U
Iron	6020A	732157	0.3	U
Molybdenum	6020A	732157	0.03	U
CCB 07/21/21 15:29				
Arsenic	6020A	732157	0.09	U
Iron	6020A	732157	0.5	J
Molybdenum	6020A	732157	0.03	U
CCB 07/21/21 15:55				
Arsenic	6020A	732157	0.09	U
Iron	6020A	732157	0.3	U
Molybdenum	6020A	732157	0.03	U
CCB 07/21/21 16:30				
Arsenic	6020A	732157	0.09	U
Iron	6020A	732157	0.3	U
Molybdenum	6020A	732157	0.03	U
CCB 07/21/21 17:29				
Arsenic	6020A	732157	0.09	U
Iron	6020A	732157	0.3	U
Molybdenum	6020A	732157	0.03	U
CCB 07/21/21 17:50				
Arsenic	6020A	732157	0.09	U
Iron	6020A	732157	0.4	J
Molybdenum	6020A	732157	0.04	J
CCB 07/21/21 18:11				
Arsenic	6020A	732157	0.09	U
Iron	6020A	732157	0.9	J
Molybdenum	6020A	732157	0.09	J
CCB 07/21/21 18:19				
Arsenic	6020A	732157	0.09	U
Iron	6020A	732157	0.9	J
Molybdenum	6020A	732157	0.03	U

Client: Anchor QEA, LLC **Service Request:** K2106953
Project: Grumman Road MNR

INITIAL AND CONTINUING CALIBRATION BLANKS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	C
CCB 07/21/21 18:43				
Arsenic	6020A	732157	0.09	U
Iron	6020A	732157	0.8	J
Molybdenum	6020A	732157	0.03	J
CCB 07/21/21 19:05				
Arsenic	6020A	732157	0.09	U
Iron	6020A	732157	1.3	J
Molybdenum	6020A	732157	0.03	U
CCB 07/21/21 19:24				
Arsenic	6020A	732157	0.09	U
Iron	6020A	732157	0.9	J
Molybdenum	6020A	732157	0.03	U
CCB 07/21/21 19:48				
Arsenic	6020A	732157	0.09	U
Iron	6020A	732157	1.0	J
Molybdenum	6020A	732157	0.06	J
CCB 07/21/21 20:10				
Arsenic	6020A	732157	0.09	U
Iron	6020A	732157	2.2	J
Molybdenum	6020A	732157	0.03	U
CCB 07/21/21 20:17				
Arsenic	6020A	732157	0.09	U
Iron	6020A	732157	6.7	J
Molybdenum	6020A	732157	0.03	J
ICB 07/22/21 18:07				
Iron	6020A	732369	0.3	U
CCB 07/22/21 18:09				
Iron	6020A	732369	0.3	U
CCB 07/22/21 18:25				
Iron	6020A	732369	1.2	J

Client: Anchor QEA, LLC **Service Request:** K2106953
Project: Grumman Road MNR

LOW LEVEL INITIAL AND LOW LEVEL CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
LLICV							
Arsenic	6020A	732157	0.52	0.5	104	70-130	07/21/21 15:12
Iron	6020A	732157	1.9	2.0	95	70-130	07/21/21 15:12
Molybdenum	6020A	732157	0.089	0.1	89	70-130	07/21/21 15:12
LLCCV							
Arsenic	6020A	732157	0.49	0.5	99	70-130	07/21/21 18:21
Iron	6020A	732157	2.4	2.0	121	70-130	07/21/21 18:21
Molybdenum	6020A	732157	0.12	0.1	120	70-130	07/21/21 18:21
LLCCV							
Arsenic	6020A	732157	0.51	0.5	103	70-130	07/21/21 19:25
Iron	6020A	732157	2.3	2.0	116	70-130	07/21/21 19:25
Molybdenum	6020A	732157	0.079	0.1	79	70-130	07/21/21 19:25
LLCCV							
Arsenic	6020A	732157	0.45	0.5	91	70-130	07/21/21 20:20
Molybdenum	6020A	732157	0.10	0.1	101	70-130	07/21/21 20:20
LLCCV							
Iron	6020A	732157	5.0	4.0	124	70-130	07/21/21 20:22
LLICV							
Iron	6020A	732369	2.0	2.0	100	70-130	07/22/21 18:10
LLCCV							
Iron	6020A	732369	2.3	2.0	113	70-130	07/22/21 18:27

Client: Anchor QEA, LLC **Service Request:** K2106953
Project: Grumman Road MNR

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSA **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Arsenic	6020A	732157	0.19	-	-	-	07/21/21 15:15
Iron	6020A	732157	44900	-	-	-	07/21/21 15:15
Molybdenum	6020A	732157	51.1	-	-	-	07/21/21 15:15

Client: Anchor QEA, LLC **Service Request:** K2106953
Project: Grumman Road MNR

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSAB **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Arsenic	6020A	732157	23.7	25.0	95	80-120	07/21/21 15:17
Iron	6020A	732157	44600	-	-	-	07/21/21 15:17
Molybdenum	6020A	732157	50.8	-	-	-	07/21/21 15:17

Client: Anchor QEA, LLC **Service Request:** K2106953
Project: Grumman Road MNR

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSA **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Iron	6020A	732369	45100	-	-	-	07/22/21 18:12

Client: Anchor QEA, LLC **Service Request:** K2106953
Project: Grumman Road MNR

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSAB **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Iron	6020A	732369	46600	-	-	-	07/22/21 18:13

Client: Anchor QEA, LLC **Service Request:** K2106953
Project: Grumman Road MNR

POST SPIKE SAMPLE RECOVERY

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Post Spike Result	True Value	% Rec	% Rec. Limits	Analysis Date
K2106953-001A								
Arsenic	6020A	732157	7.1 J	57.6	50.0	101	80-120	07/21/21 19:44
Iron	6020A	732157	6300	6390	50	176 #	80-120	07/21/21 19:44
Molybdenum	6020A	732157	12.3	61.7	50.0	99	80-120	07/21/21 19:44

Results flagged with a pound (#) indicate the control criteria is not applicable.

Client: Anchor QEA, LLC **Service Request:** K2106953
Project: Grumman Road MNR

ICP SERIAL DILUTIONS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Serial Dillution Result	% Diff	% Diff. Limit	Analysis Date
K2106953-001SDL							
Arsenic	6020A	732157	71	73	2	10	07/21/21 19:43
Iron	6020A	732157	63000	66600	6	10	07/21/21 19:43
Molybdenum	6020A	732157	123	129	5	10	07/21/21 19:43

Client: Anchor QEA, LLC **Service Request:** K2106953
Project: Grumman Road MNR/

Detection Limits

Instrument: K-ICP-MS-06 **Matrix:** Water

Analyte	Mass	Units	MRL	MDL	Method
Arsenic	75	ug/L	0.5	0.09	6020A
Iron	56	ug/L	8	0.3	6020A
Molybdenum	95	ug/L	0.1	0.03	6020A

Client: Anchor QEA, LLC **Service Request:** K2106953
Project: Grumman Road MNR/

ICP Linear Range (Quarterly)

Instrument: K-ICP-MS-06

Analyte	Concentration (ug/L)	Method
Arsenic 75	4500	6020A
Iron 56	45000	6020A
Molybdenum 95	4500	6020A

Client: Anchor QEA, LLC **Service Request:** K2106953
Project: Grumman Road MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732157**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
ZZZZZZ	1	07/21/21 14:54			
ZZZZZZ	1	07/21/21 14:56			
ICV	1	07/21/21 14:58	X	X	X
CCV	1	07/21/21 15:00	X	X	X
ICB	1	07/21/21 15:02	X	X	X
CCB	1	07/21/21 15:03	X	X	X
ZZZZZZ	1	07/21/21 15:05			
LLICVW	1	07/21/21 15:12	X	X	X
ICSA	1	07/21/21 15:15	X	X	X
ICSAB	1	07/21/21 15:17	X	X	X
ZZZZZZ	1	07/21/21 15:18			
ZZZZZZ	1	07/21/21 15:20			
ZZZZZZ	1	07/21/21 15:22			
ZZZZZZ	1	07/21/21 15:24			
ZZZZZZ	1	07/21/21 15:25			
CCV	1	07/21/21 15:27	X	X	X
CCB	1	07/21/21 15:29	X	X	X
ZZZZZZ	1	07/21/21 15:33			
ZZZZZZ	1	07/21/21 15:35			
ZZZZZZ	1	07/21/21 15:45			
ZZZZZZ	1	07/21/21 15:47			
ZZZZZZ	1	07/21/21 15:49			
ZZZZZZ	1	07/21/21 15:50			
ZZZZZZ	1	07/21/21 15:52			
CCV	1	07/21/21 15:54	X	X	X
CCB	1	07/21/21 15:55	X	X	X
ZZZZZZ	1	07/21/21 16:13			
ZZZZZZ	1	07/21/21 16:14			
ZZZZZZ	1	07/21/21 16:16			
ZZZZZZ	1	07/21/21 16:18			
ZZZZZZ	1	07/21/21 16:19			
ZZZZZZ	1	07/21/21 16:21			
ZZZZZZ	1	07/21/21 16:23			
ZZZZZZ	1	07/21/21 16:25			
ZZZZZZ	1	07/21/21 16:26			
CCV	1	07/21/21 16:28	X	X	X
CCB	1	07/21/21 16:30	X	X	X

Client: Anchor QEA, LLC **Service Request:** K2106953
Project: Grumman Road MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732157**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
ZZZZZZ	1	07/21/21 17:10			
ZZZZZZ	1	07/21/21 17:12			
ZZZZZZ	100	07/21/21 17:14			
ZZZZZZ	100	07/21/21 17:15			
ZZZZZZ	100	07/21/21 17:17			
ZZZZZZ	100	07/21/21 17:19			
ZZZZZZ	100	07/21/21 17:20			
ZZZZZZ	100	07/21/21 17:22			
ZZZZZZ	500	07/21/21 17:24			
ZZZZZZ	100	07/21/21 17:26			
CCV	1	07/21/21 17:27	X	X	X
CCB	1	07/21/21 17:29	X	X	X
ZZZZZZ	10	07/21/21 17:31			
ZZZZZZ	10	07/21/21 17:33			
ZZZZZZ	10	07/21/21 17:34			
ZZZZZZ	10	07/21/21 17:36			
ZZZZZZ	1	07/21/21 17:38			
ZZZZZZ	1	07/21/21 17:39			
ZZZZZZ	5	07/21/21 17:41			
ZZZZZZ	1	07/21/21 17:43			
ZZZZZZ	1	07/21/21 17:45			
ZZZZZZ	1	07/21/21 17:46			
CCV	1	07/21/21 17:48	X	X	X
CCB	1	07/21/21 17:50	X	X	X
ZZZZZZ	10	07/21/21 17:52			
ZZZZZZ	10	07/21/21 17:53			
ZZZZZZ	10	07/21/21 17:55			
ZZZZZZ	10	07/21/21 17:57			
ZZZZZZ	1	07/21/21 17:58			
ZZZZZZ	1	07/21/21 18:00			
ZZZZZZ	10	07/21/21 18:02			
ZZZZZZ	10	07/21/21 18:04			
ZZZZZZ	1	07/21/21 18:05			
ZZZZZZ	1	07/21/21 18:07			
CCV	1	07/21/21 18:09	X	X	X
CCB	1	07/21/21 18:11	X	X	X
ZZZZZZ	1	07/21/21 18:12			

Client: Anchor QEA, LLC **Service Request:** K2106953
Project: Grumman Road MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732157**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
ZZZZZZ	100	07/21/21 18:14			
ZZZZZZ	100	07/21/21 18:16			
CCV	1	07/21/21 18:17	X	X	X
CCB	1	07/21/21 18:19	X	X	X
LLCCVW	1	07/21/21 18:21	X	X	X
ZZZZZZ	1	07/21/21 18:23			
ZZZZZZ	1	07/21/21 18:24			
ZZZZZZ	1	07/21/21 18:26			
ZZZZZZ	10	07/21/21 18:28			
ZZZZZZ	10	07/21/21 18:29			
ZZZZZZ	10	07/21/21 18:31			
ZZZZZZ	10	07/21/21 18:33			
ZZZZZZ	1	07/21/21 18:35			
ZZZZZZ	1	07/21/21 18:36			
ZZZZZZ	5	07/21/21 18:38			
ZZZZZZ	1	07/21/21 18:40			
CCV	1	07/21/21 18:41	X	X	X
CCB	1	07/21/21 18:43	X	X	X
ZZZZZZ	1	07/21/21 18:45			
ZZZZZZ	1	07/21/21 18:47			
ZZZZZZ	10	07/21/21 18:48			
ZZZZZZ	10	07/21/21 18:50			
ZZZZZZ	10	07/21/21 18:52			
ZZZZZZ	10	07/21/21 18:53			
ZZZZZZ	1	07/21/21 18:55			
ZZZZZZ	1	07/21/21 18:57			
ZZZZZZ	10	07/21/21 18:59			
ZZZZZZ	10	07/21/21 19:00			
CCV	1	07/21/21 19:02	X	X	X
ZZZZZZ	1	07/21/21 19:04			
CCB	1	07/21/21 19:05	X	X	X
ZZZZZZ	1	07/21/21 19:08			
ZZZZZZ	1	07/21/21 19:10			
ZZZZZZ	1	07/21/21 19:12			
ZZZZZZ	100	07/21/21 19:13			
ZZZZZZ	100	07/21/21 19:15			
ZZZZZZ	100	07/21/21 19:17			

Client: Anchor QEA, LLC **Service Request:** K2106953
Project: Grumman Road MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732157**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
ZZZZZZ	100	07/21/21 19:19			
ZZZZZZ	100	07/21/21 19:20			
CCV	1	07/21/21 19:22	X	X	X
CCB	1	07/21/21 19:24	X	X	X
LLCCVW	1	07/21/21 19:25	X	X	X
ZZZZZZ	1	07/21/21 19:27			
KQ2111385-01MB	1	07/21/21 19:29	X	X	X
KQ2111385-02LCS	1	07/21/21 19:31	X	X	X
K2106953-007	1	07/21/21 19:32	X	X	X
K2106953-008	1	07/21/21 19:34	X	X	X
K2106953-007	1	07/21/21 19:36	X	X	X
K2106953-008	1	07/21/21 19:38	X	X	X
K2106953-001	10	07/21/21 19:39	X	X	X
K2106953-001DUP	10	07/21/21 19:41	X	X	X
K2106953-001SDL	50	07/21/21 19:43	X	X	X
K2106953-001PS	10	07/21/21 19:44	X	X	X
CCV	1	07/21/21 19:46	X	X	X
CCB	1	07/21/21 19:48	X	X	X
K2106953-001MS	10	07/21/21 19:49	X	X	X
K2106953-002	10	07/21/21 19:51	X		X
K2106953-003	10	07/21/21 19:53	X	X	X
K2106953-004	10	07/21/21 19:55	X		X
K2106953-005	10	07/21/21 19:56	X	X	X
K2106953-006	10	07/21/21 19:58	X		X
K2106953-001	10	07/21/21 20:00	X	X	X
K2106953-002	10	07/21/21 20:02	X		X
K2106953-003	10	07/21/21 20:03	X	X	X
K2106953-004	10	07/21/21 20:05	X		X
CCV	1	07/21/21 20:07	X	X	X
ZZZZZZ	1	07/21/21 20:08			
CCB	1	07/21/21 20:10	X	X	X
K2106953-005	10	07/21/21 20:12	X	X	X
K2106953-006	10	07/21/21 20:14	X		X
CCV	1	07/21/21 20:15	X	X	X
CCB	1	07/21/21 20:17	X	X	X
ZZZZZZ	1	07/21/21 20:19			
LLCCVW	1	07/21/21 20:20	X		X

Client: Anchor QEA, LLC **Service Request:** K2106953
Project: Grumman Road MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732157**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
LLCCVW 2X	1	07/21/21 20:22		X	

Client: Anchor QEA, LLC **Service Request:** K2106953
Project: Grumman Road MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732369**

Sample	Dilution Factor	Date/Time	Fe
ZZZZZZ	1	07/22/21 18:02	
ZZZZZZ	1	07/22/21 18:03	
ICV	1	07/22/21 18:05	X
CCV	1	07/22/21 18:06	X
ICB	1	07/22/21 18:07	X
CCB	1	07/22/21 18:09	X
LLICVW	1	07/22/21 18:10	X
ICSA	1	07/22/21 18:12	X
ICSAB	1	07/22/21 18:13	X
ZZZZZZ	1	07/22/21 18:14	
K2106953-002	100	07/22/21 18:16	X
K2106953-004	100	07/22/21 18:17	X
K2106953-006	100	07/22/21 18:19	X
K2106953-002	100	07/22/21 18:20	X
K2106953-004	100	07/22/21 18:21	X
K2106953-006	100	07/22/21 18:23	X
CCV	1	07/22/21 18:24	X
CCB	1	07/22/21 18:25	X
LLCCVW	1	07/22/21 18:27	X
ZZZZZZ	1	07/22/21 18:32	
ZZZZZZ	1	07/22/21 18:34	
ZZZZZZ	1	07/22/21 18:35	
ZZZZZZ	1	07/22/21 18:37	
ZZZZZZ	5	07/22/21 18:38	
ZZZZZZ	1	07/22/21 18:39	
ZZZZZZ	1	07/22/21 18:41	
ZZZZZZ	1	07/22/21 18:42	
ZZZZZZ	1	07/22/21 18:44	
ZZZZZZ	1	07/22/21 18:45	
ZZZZZZ	1	07/22/21 18:46	
ZZZZZZ	1	07/22/21 18:48	
ZZZZZZ	1	07/22/21 18:50	
ZZZZZZ	1	07/22/21 18:52	
ZZZZZZ	1	07/22/21 18:53	
ZZZZZZ	1	07/22/21 18:54	
ZZZZZZ	10	07/22/21 18:56	
ZZZZZZ	10	07/22/21 18:57	

Client: Anchor QEA, LLC **Service Request:** K2106953
Project: Grumman Road MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732157**

Sample	Date/Time	Sc45He	Ge72He	In115He	Lu175He	Th232He
ZZZZZZ	07/21/21 14:54					
ZZZZZZ	07/21/21 14:56					
ICV	07/21/21 14:58	100	99	99	99	101
CCV	07/21/21 15:00	99	100	100	98	98
ICB	07/21/21 15:02	98	99	99	96	98
CCB	07/21/21 15:03	98	98	100	99	99
ZZZZZZ	07/21/21 15:05					
LLICVW	07/21/21 15:12	100	101	101	98	101
ICSA	07/21/21 15:15	94	95	93	97	96
ICSAB	07/21/21 15:17	95	96	94	97	98
ZZZZZZ	07/21/21 15:18					
ZZZZZZ	07/21/21 15:20					
ZZZZZZ	07/21/21 15:22					
ZZZZZZ	07/21/21 15:24					
ZZZZZZ	07/21/21 15:25					
CCV	07/21/21 15:27	103	104	102	100	101
CCB	07/21/21 15:29	101	100	101	99	101
ZZZZZZ	07/21/21 15:33					
ZZZZZZ	07/21/21 15:35					
ZZZZZZ	07/21/21 15:45					
ZZZZZZ	07/21/21 15:47					
ZZZZZZ	07/21/21 15:49					
ZZZZZZ	07/21/21 15:50					
ZZZZZZ	07/21/21 15:52					
CCV	07/21/21 15:54	97	97	98	98	99
CCB	07/21/21 15:55	96	97	97	97	98
ZZZZZZ	07/21/21 16:13					
ZZZZZZ	07/21/21 16:14					
ZZZZZZ	07/21/21 16:16					
ZZZZZZ	07/21/21 16:18					
ZZZZZZ	07/21/21 16:19					
ZZZZZZ	07/21/21 16:21					
ZZZZZZ	07/21/21 16:23					
ZZZZZZ	07/21/21 16:25					
ZZZZZZ	07/21/21 16:26					
CCV	07/21/21 16:28	98	98	98	98	98
CCB	07/21/21 16:30	95	98	97	97	99

Client: Anchor QEA, LLC **Service Request:** K2106953
Project: Grumman Road MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732157**

Sample	Date/Time	Sc45He	Ge72He	In115He	Lu175He	Th232He
ZZZZZZ	07/21/21 17:10					
ZZZZZZ	07/21/21 17:12					
ZZZZZZ	07/21/21 17:14					
ZZZZZZ	07/21/21 17:15					
ZZZZZZ	07/21/21 17:17					
ZZZZZZ	07/21/21 17:19					
ZZZZZZ	07/21/21 17:20					
ZZZZZZ	07/21/21 17:22					
ZZZZZZ	07/21/21 17:24					
ZZZZZZ	07/21/21 17:26					
CCV	07/21/21 17:27	94	97	96	98	97
CCB	07/21/21 17:29	95	96	96	97	97
ZZZZZZ	07/21/21 17:31					
ZZZZZZ	07/21/21 17:33					
ZZZZZZ	07/21/21 17:34					
ZZZZZZ	07/21/21 17:36					
ZZZZZZ	07/21/21 17:38					
ZZZZZZ	07/21/21 17:39					
ZZZZZZ	07/21/21 17:41					
ZZZZZZ	07/21/21 17:43					
ZZZZZZ	07/21/21 17:45					
ZZZZZZ	07/21/21 17:46					
CCV	07/21/21 17:48	103	103	102	100	101
CCB	07/21/21 17:50	102	105	101	101	101
ZZZZZZ	07/21/21 17:52					
ZZZZZZ	07/21/21 17:53					
ZZZZZZ	07/21/21 17:55					
ZZZZZZ	07/21/21 17:57					
ZZZZZZ	07/21/21 17:58					
ZZZZZZ	07/21/21 18:00					
ZZZZZZ	07/21/21 18:02					
ZZZZZZ	07/21/21 18:04					
ZZZZZZ	07/21/21 18:05					
ZZZZZZ	07/21/21 18:07					
CCV	07/21/21 18:09	104	106	104	103	103
CCB	07/21/21 18:11	101	103	103	101	104
ZZZZZZ	07/21/21 18:12					

Client: Anchor QEA, LLC **Service Request:** K2106953
Project: Grumman Road MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732157**

Sample	Date/Time	Sc45He	Ge72He	In115He	Lu175He	Th232He
ZZZZZZ	07/21/21 18:14					
ZZZZZZ	07/21/21 18:16					
CCV	07/21/21 18:17	101	102	102	100	101
CCB	07/21/21 18:19	101	101	101	101	101
LLCCVW	07/21/21 18:21	101	101	102	100	101
ZZZZZZ	07/21/21 18:23					
ZZZZZZ	07/21/21 18:24					
ZZZZZZ	07/21/21 18:26					
ZZZZZZ	07/21/21 18:28					
ZZZZZZ	07/21/21 18:29					
ZZZZZZ	07/21/21 18:31					
ZZZZZZ	07/21/21 18:33					
ZZZZZZ	07/21/21 18:35					
ZZZZZZ	07/21/21 18:36					
ZZZZZZ	07/21/21 18:38					
ZZZZZZ	07/21/21 18:40					
CCV	07/21/21 18:41	101	101	102	100	101
CCB	07/21/21 18:43	101	102	102	101	101
ZZZZZZ	07/21/21 18:45					
ZZZZZZ	07/21/21 18:47					
ZZZZZZ	07/21/21 18:48					
ZZZZZZ	07/21/21 18:50					
ZZZZZZ	07/21/21 18:52					
ZZZZZZ	07/21/21 18:53					
ZZZZZZ	07/21/21 18:55					
ZZZZZZ	07/21/21 18:57					
ZZZZZZ	07/21/21 18:59					
ZZZZZZ	07/21/21 19:00					
CCV	07/21/21 19:02	94	97	98	98	98
ZZZZZZ	07/21/21 19:04					
CCB	07/21/21 19:05	96	100	99	100	100
ZZZZZZ	07/21/21 19:08					
ZZZZZZ	07/21/21 19:10					
ZZZZZZ	07/21/21 19:12					
ZZZZZZ	07/21/21 19:13					
ZZZZZZ	07/21/21 19:15					
ZZZZZZ	07/21/21 19:17					

Client: Anchor QEA, LLC **Service Request:** K2106953
Project: Grumman Road MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732157**

Sample	Date/Time	Sc45He	Ge72He	In115He	Lu175He	Th232He
ZZZZZZ	07/21/21 19:19					
ZZZZZZ	07/21/21 19:20					
CCV	07/21/21 19:22	96	101	100	101	101
CCB	07/21/21 19:24	97	99	100	99	100
LLCCVW	07/21/21 19:25	97	98	100	99	100
ZZZZZZ	07/21/21 19:27					
KQ2111385-01MB	07/21/21 19:29	98	100	100	100	100
KQ2111385-02LCS	07/21/21 19:31	98	99	100	99	100
K2106953-007	07/21/21 19:32	99	100	99	100	102
K2106953-008	07/21/21 19:34	99	101	97	99	101
K2106953-007	07/21/21 19:36	104	103	103	103	102
K2106953-008	07/21/21 19:38	100	98	98	99	101
K2106953-001	07/21/21 19:39	100	102	102	101	104
K2106953-001DUP	07/21/21 19:41	98	97	99	98	99
K2106953-001SDL	07/21/21 19:43	98	101	100	99	100
K2106953-001PS	07/21/21 19:44	97	98	98	100	102
CCV	07/21/21 19:46	98	99	100	99	100
CCB	07/21/21 19:48	98	100	101	99	101
K2106953-001MS	07/21/21 19:49	97	96	98	100	101
K2106953-002	07/21/21 19:51	96	96	97	99	101
K2106953-003	07/21/21 19:53	97	100	100	98	102
K2106953-004	07/21/21 19:55	99	100	101	101	103
K2106953-005	07/21/21 19:56	101	102	101	100	101
K2106953-006	07/21/21 19:58	100	100	100	101	102
K2106953-001	07/21/21 20:00	100	99	100	101	102
K2106953-002	07/21/21 20:02	102	102	102	103	104
K2106953-003	07/21/21 20:03	102	102	103	101	104
K2106953-004	07/21/21 20:05	102	101	103	103	103
CCV	07/21/21 20:07	101	103	104	101	102
ZZZZZZ	07/21/21 20:08					
CCB	07/21/21 20:10	99	104	101	102	101
K2106953-005	07/21/21 20:12	102	103	103	101	103
K2106953-006	07/21/21 20:14	102	102	103	102	102
CCV	07/21/21 20:15	100	103	105	103	102
CCB	07/21/21 20:17	101	103	103	103	102
ZZZZZZ	07/21/21 20:19					
LLCCVW	07/21/21 20:20	101	103	103	103	103

Client: Anchor QEA, LLC **Service Request:** K2106953
Project: Grumman Road MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732157**

Sample	Date/Time	Sc45He	Ge72He	In115He	Lu175He	Th232He
LLCCVW 2X	07/21/21 20:22	100	102	103	101	102

Client: Anchor QEA, LLC **Service Request:** K2106953
Project: Grumman Road MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732369**

Sample	Date/Time	Ge72He	In115He
ZZZZZZ	07/22/21 18:02		
ZZZZZZ	07/22/21 18:03		
ICV	07/22/21 18:05	97	98
CCV	07/22/21 18:06	98	97
ICB	07/22/21 18:07	99	98
CCB	07/22/21 18:09	97	98
LLICVW	07/22/21 18:10	98	97
ICSA	07/22/21 18:12	93	90
ICSAB	07/22/21 18:13	89	89
ZZZZZZ	07/22/21 18:14		
K2106953-002	07/22/21 18:16	94	96
K2106953-004	07/22/21 18:17	93	96
K2106953-006	07/22/21 18:19	93	95
K2106953-002	07/22/21 18:20	94	96
K2106953-004	07/22/21 18:21	94	97
K2106953-006	07/22/21 18:23	95	96
CCV	07/22/21 18:24	94	97
CCB	07/22/21 18:25	97	97
LLCCVW	07/22/21 18:27	98	98
ZZZZZZ	07/22/21 18:32		
ZZZZZZ	07/22/21 18:34		
ZZZZZZ	07/22/21 18:35		
ZZZZZZ	07/22/21 18:37		
ZZZZZZ	07/22/21 18:38		
ZZZZZZ	07/22/21 18:39		
ZZZZZZ	07/22/21 18:41		
ZZZZZZ	07/22/21 18:42		
ZZZZZZ	07/22/21 18:44		
ZZZZZZ	07/22/21 18:45		
ZZZZZZ	07/22/21 18:46		
ZZZZZZ	07/22/21 18:48		
ZZZZZZ	07/22/21 18:50		
ZZZZZZ	07/22/21 18:52		
ZZZZZZ	07/22/21 18:53		
ZZZZZZ	07/22/21 18:54		
ZZZZZZ	07/22/21 18:56		
ZZZZZZ	07/22/21 18:57		

Raw Data

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

General Chemistry

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
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www.alsglobal.com

Yes No N/A

Comments

1. Holding times met for all determinations?
2. Are calibrations within acceptance limits?
3. Were peaks manually integrated?
   a. Did EPA QC/QA apply?
4. Are detection limits reported correctly?
5. Are blank contaminants observed?
   a. Method Blank, CCV/IA, CCB, Rinse and Solvent Blank, all the chosen frequency?
   b. Are CCV/IA and CCB in acceptance limits?
   c. Are blank in Method Blank above MQL?
   d. Are QC samples within acceptance criteria? (LCS, LCSD, MS/MSD, Surrogate, RPD, etc.)
   e. Are all exceedances explained?
6. Are all samples analyzed within [illegible]?

Florida Consulting Inc
[illegible]

C4S Standard certification Codes and Abbreviations for Chromatograms

Q1 Sample was analyzed within the recommended holding time. See Nonconformance Sheet
Q2 Sample was analyzed past the holding time. The sample was analyzed within the recommended holding time
Q3 Sample was analyzed past the recommended holding time
B1 High RPD's because the QC calibration percent difference was higher than the method allowed acceptance limit
I Not enough analyte mass to meet method acceptance criteria for sample low recovery
P Sample [illegible] analyte [illegible]

[illegible]	[illegible]	[illegible]	[illegible]
Fluoride	True Value 5.00ppm	[illegible]	[illegible]
Chloride	True Value 1.0ppm	[illegible]	[illegible]
Nitrite	True Value 2.5ppm	[illegible]	[illegible]
Bromide	True Value 2.0ppm	[illegible]	[illegible]
Nitrate	True Value 2.5ppm	[illegible]	[illegible]
Sulfate	True Value 5.0ppm	[illegible]	[illegible]

[illegible]	[illegible]	[illegible]
Fluoride	True Value 5.0ppm	[illegible]
Chloride	True Value 1.0ppm	[illegible]
Nitrite	True Value 2.5ppm	[illegible]
Bromide	True Value 2.0ppm	[illegible]
Nitrate	True Value 2.5ppm	[illegible]
Sulfate	True Value 5.0ppm	[illegible]

Spike

[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	
Chloride	[illegible]	
Nitrite	[illegible]	
Bromide	[illegible]	
Nitrate	[illegible]	
Sulfate	[illegible]	

Analyst

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Analyst [illegible] Date [illegible]

Peer Review [illegible] Date [illegible]

Final Review [illegible] Date [illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Protocol: [illegible]

Lab Sample	Target Analyte	LOQ	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	DF	MDL	PQL	Solvent	% RSD	Date Analyzed	QC?	Lot
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Workcode: [illegible]

Lab Sample	Target Analyte	SPC	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	RDL	Spike	% RSD	Date Analyzed	QC?	Lab
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
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[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	B

[illegible]

Analytical Results Summary

Department Name: [illegible] Analyst: [illegible] Analysis Lot [illegible] Method Testcode: [illegible]

Lab Code	Parent Analyte	MR	Parent Sample	Matrix	Raw Result	Sample Size	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC ?	Qual
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]

[illegible]

Sequence [illegible]
Operator [illegible]

File
Instrument [illegible]
Location [illegible]
Inject Volume [illegible]
#Samples [illegible]

Created [illegible]
Last Updated [illegible]

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2	[illegible]	Standard	2	[illegible]	[illegible]	[illegible]
3	[illegible]	Standard	3	[illegible]	[illegible]	[illegible]
4	[illegible]	Standard	4	[illegible]	[illegible]	[illegible]
5	[illegible]	Standard	5	[illegible]	[illegible]	[illegible]
6	[illegible]	Standard	6	[illegible]	[illegible]	[illegible]
7	[illegible]	Standard	7	[illegible]	[illegible]	[illegible]
8	[illegible]	Standard	8	[illegible]	[illegible]	[illegible]
9	[illegible]	Unknown	40	[illegible]	[illegible]	[illegible]
10	[illegible]	Unknown	41	[illegible]	[illegible]	[illegible]
11	[illegible]	Unknown	2	[illegible]	[illegible]	[illegible]
12	[illegible]	Unknown	1	[illegible]	[illegible]	[illegible]
13	[illegible]	Unknown	3	[illegible]	[illegible]	[illegible]
14	[illegible]	Unknown	4	[illegible]	[illegible]	[illegible]
15	[illegible]	Unknown	5	[illegible]	[illegible]	[illegible]
16	[illegible]	Unknown	6	[illegible]	[illegible]	[illegible]
17	[illegible]	Unknown	7	[illegible]	[illegible]	[illegible]
18	[illegible]	Unknown	8	[illegible]	[illegible]	[illegible]
19	[illegible]	Unknown	9	[illegible]	[illegible]	[illegible]
20	[illegible]	Unknown	10	[illegible]	[illegible]	[illegible]
21	[illegible]	Unknown	50	[illegible]	[illegible]	[illegible]
22	[illegible]	Unknown	45	[illegible]	[illegible]	[illegible]
23	[illegible]	Unknown	46	[illegible]	[illegible]	[illegible]
24	[illegible]	Unknown	11	[illegible]	[illegible]	[illegible]
25	[illegible]	Unknown	12	[illegible]	[illegible]	[illegible]
26	[illegible]	Unknown	13	[illegible]	[illegible]	[illegible]
27	[illegible]	Unknown	14	[illegible]	[illegible]	[illegible]
28	[illegible]	Unknown	15	[illegible]	[illegible]	[illegible]
29	[illegible]	Unknown	16	[illegible]	[illegible]	[illegible]
30	[illegible]	Unknown	17	[illegible]	[illegible]	[illegible]
31	[illegible]	Unknown	18	[illegible]	[illegible]	[illegible]
32	[illegible]	Unknown	19	[illegible]	[illegible]	[illegible]
33	[illegible]	Unknown	20	[illegible]	[illegible]	[illegible]
34	[illegible]	Unknown	46	[illegible]	[illegible]	[illegible]
35	[illegible]	Unknown	47	[illegible]	[illegible]	[illegible]
36	[illegible]	Unknown	21	[illegible]	[illegible]	[illegible]
37	[illegible]	Unknown	22	[illegible]	[illegible]	[illegible]
38	[illegible]	Unknown	23	[illegible]	[illegible]	[illegible]
39	[illegible]	Unknown	24	[illegible]	[illegible]	[illegible]
40	[illegible]	Unknown	25	[illegible]	[illegible]	[illegible]
41	[illegible]	Unknown	26	[illegible]	[illegible]	[illegible]
42	[illegible]	Unknown	27	[illegible]	[illegible]	[illegible]

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File
Database [illegible]
Location [illegible]
Timebase [illegible] Created [illegible]
Statistics [illegible] Last Update [illegible]

No.	Name	Status	Date/Time	D	Factor	Comment
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3	[illegible]	Finished	[illegible]		[illegible]	[illegible]
4	[illegible]	Finished	[illegible]		[illegible]	[illegible]
5	[illegible]	Finished	[illegible]		[illegible]	[illegible]
6	[illegible]	Finished	[illegible]		[illegible]	[illegible]
7	[illegible]	Finished	[illegible]		[illegible]	[illegible]
8	[illegible]	Finished	[illegible]		[illegible]	[illegible]
9	[illegible]	Finished	[illegible]		[illegible]	
10	[illegible]	Finished	[illegible]		[illegible]	
11	[illegible]	Finished	[illegible]		[illegible]	
12	[illegible]	Finished	[illegible]		[illegible]	
13	[illegible]	Finished	[illegible]		[illegible]	
14	[illegible]	Finished	[illegible]		[illegible]	
15	[illegible]	Finished	[illegible]		[illegible]	
16	[illegible]	Finished	[illegible]		[illegible]	
17	[illegible]	Finished	[illegible]		[illegible]	
18	[illegible]	Finished	[illegible]		[illegible]	
19	[illegible]	Finished	[illegible]		[illegible]	
20	[illegible]	Finished	[illegible]		[illegible]	
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22	[illegible]	Finished	[illegible]		[illegible]	
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27	[illegible]	Finished	[illegible]		[illegible]	
28	[illegible]	Finished	[illegible]		[illegible]	
29	[illegible]	Finished	[illegible]		[illegible]	
30	[illegible]	Finished	[illegible]		[illegible]	
31	[illegible]	Finished	[illegible]		[illegible]	
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33	[illegible]	Finished	[illegible]		[illegible]	
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35	[illegible]	Finished	[illegible]		[illegible]	
36	[illegible]	Finished	[illegible]		[illegible]	
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40	[illegible]	Finished	[illegible]		[illegible]	
41	[illegible]	Finished	[illegible]		[illegible]	
42	[illegible]	Finished	[illegible]		[illegible]	

Description [illegible]
Operator [illegible]
Printed [illegible]

File
Datasource [illegible]
Location [illegible]
Timebase [illegible]
Sampling [illegible]

Created [illegible]
Last Update [illegible]

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45	[illegible]	Unknown	1	[illegible]	[illegible]	[illegible]
46	[illegible]	Unknown	48	[illegible]	[illegible]	[illegible]
47	[illegible]	Unknown	49	[illegible]	[illegible]	[illegible]
48	[illegible]	Unknown	29	[illegible]	[illegible]	[illegible]
49	[illegible]	Unknown	30	[illegible]	[illegible]	[illegible]
50	[illegible]	Unknown	46	[illegible]	[illegible]	[illegible]
51	[illegible]	Unknown	47	[illegible]	[illegible]	[illegible]
52	[illegible]	Unknown	27	[illegible]	[illegible]	[illegible]
53	[illegible]	Unknown	33	[illegible]	[illegible]	[illegible]
54	[illegible]	Unknown	33	[illegible]	[illegible]	[illegible]
55	[illegible]	Unknown	34	[illegible]	[illegible]	[illegible]
56	[illegible]	Unknown	36	[illegible]	[illegible]	[illegible]
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58	[illegible]	Unknown	37	[illegible]	[illegible]	[illegible]
59	[illegible]	Unknown	38	[illegible]	[illegible]	[illegible]
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61	[illegible]	Unknown	41	[illegible]	[illegible]	[illegible]
62	[illegible]	Unknown	46	[illegible]	[illegible]	[illegible]
63	[illegible]	Unknown	45	[illegible]	[illegible]	[illegible]
64	[illegible]	Unknown	47	[illegible]	[illegible]	[illegible]
65	[illegible]	Unknown	43	[illegible]	[illegible]	[illegible]
66	[illegible]	Unknown	42	[illegible]	[illegible]	[illegible]
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68	[illegible]	Unknown	45	[illegible]	[illegible]	[illegible]
69	[illegible]	Unknown	3	[illegible]	[illegible]	[illegible]
70	[illegible]	Unknown	4	[illegible]	[illegible]	[illegible]
71	[illegible]	Unknown	48	[illegible]	[illegible]	[illegible]
72	[illegible]	Unknown	47	[illegible]	[illegible]	[illegible]

Chromatech © Dionex Corporation [illegible]

Sequence: [illegible]
Operator: [illegible]
Title:
Datasource: [illegible]
Location: [illegible]
Filename: [illegible]
Scan Data: [illegible]
Created: [illegible]
Last Update: [illegible]

No	Name	Status	Date-Time	Dir	Factor	Comment
43	[illegible]	Finished	[illegible]		[illegible]	
44	[illegible]	Finished	[illegible]		[illegible]	
45	[illegible]	Finished	[illegible]		[illegible]	
46	[illegible]	Finished	[illegible]		[illegible]	
47	[illegible]	Finished	[illegible]		[illegible]	
48	[illegible]	Finished	[illegible]		[illegible]	
49	[illegible]	Finished	[illegible]		[illegible]	
50	[illegible]	Finished	[illegible]		[illegible]	
51	[illegible]	Finished	[illegible]		[illegible]	
52	[illegible]	Finished	[illegible]		[illegible]	
53	[illegible]	Finished	[illegible]		[illegible]	
54	[illegible]	Finished	[illegible]		[illegible]	
55	[illegible]	Finished	[illegible]		[illegible]	
56	[illegible]	Finished	[illegible]		[illegible]	
57	[illegible]	Finished	[illegible]		[illegible]	
58	[illegible]	Finished	[illegible]		[illegible]	
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61	[illegible]	Finished	[illegible]		[illegible]	
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66	[illegible]	Finished	[illegible]		[illegible]	
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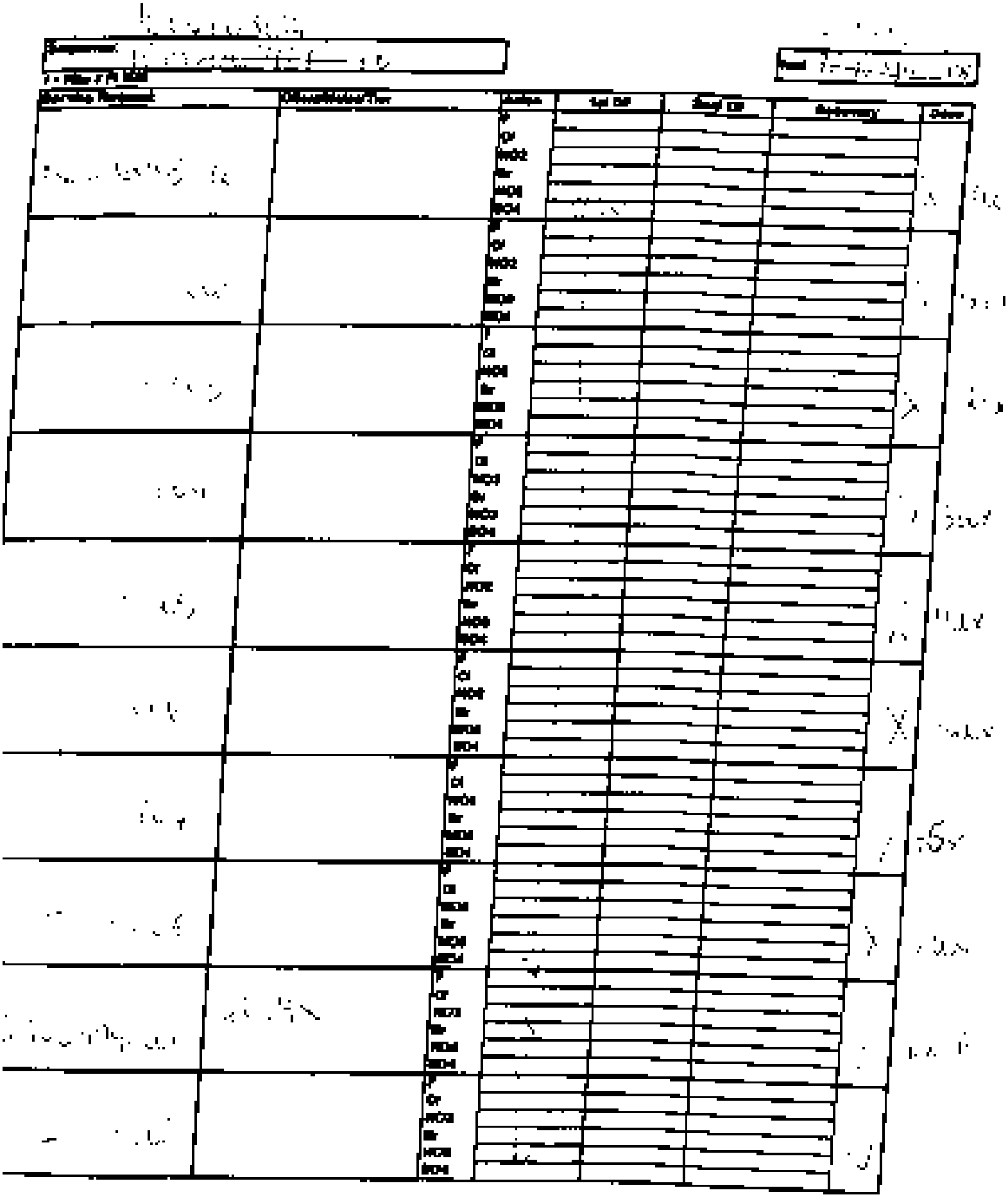
69	[illegible]	Finished	[illegible]		[illegible]	
70	[illegible]	Finished	[illegible]		[illegible]	
71	[illegible]	Finished	[illegible]		[illegible]	
72	[illegible]	Finished	[illegible]		[illegible]	

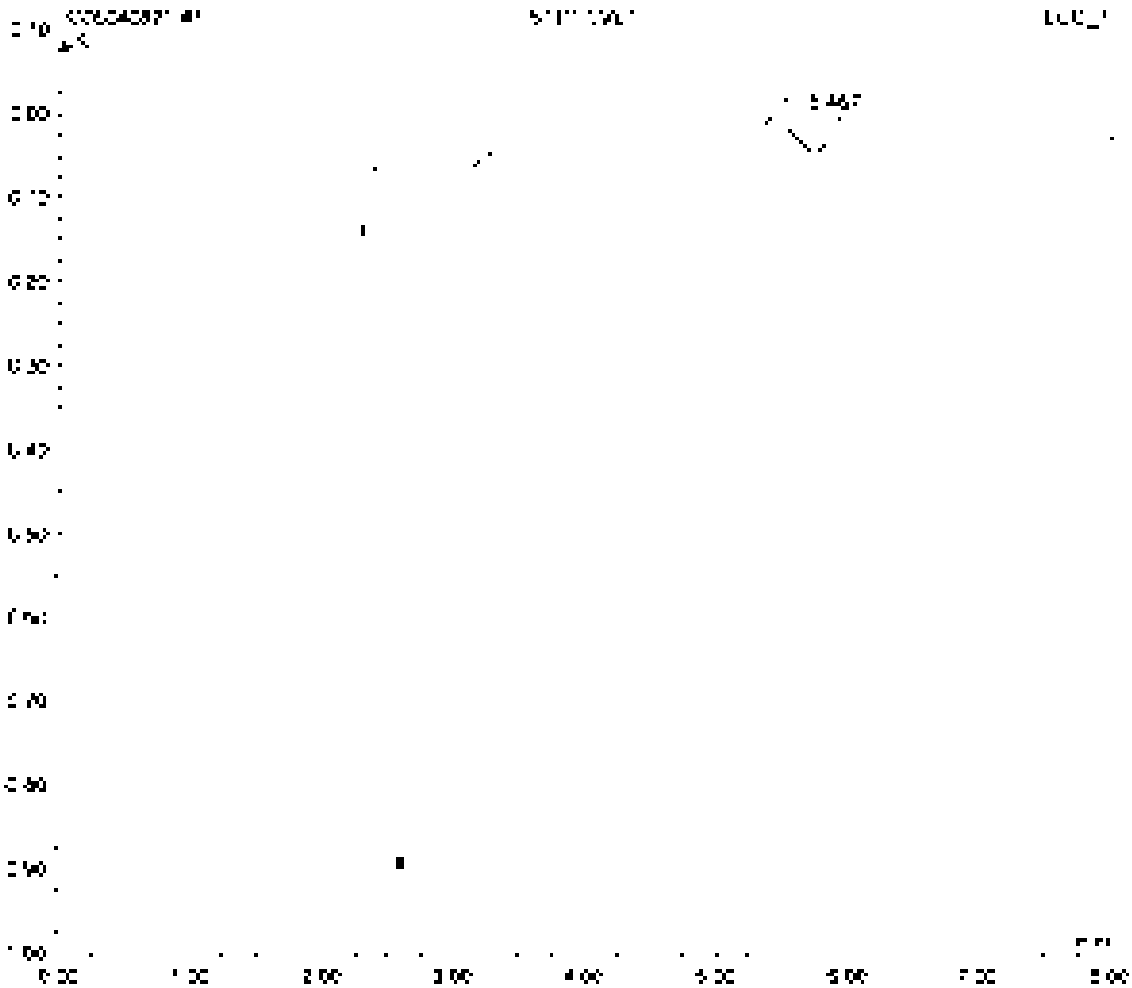
Copyright © Dionex Corporation [illegible]



Sample Number	Description	Value	Yyl Dir	Sag Dir	Reference	Comp

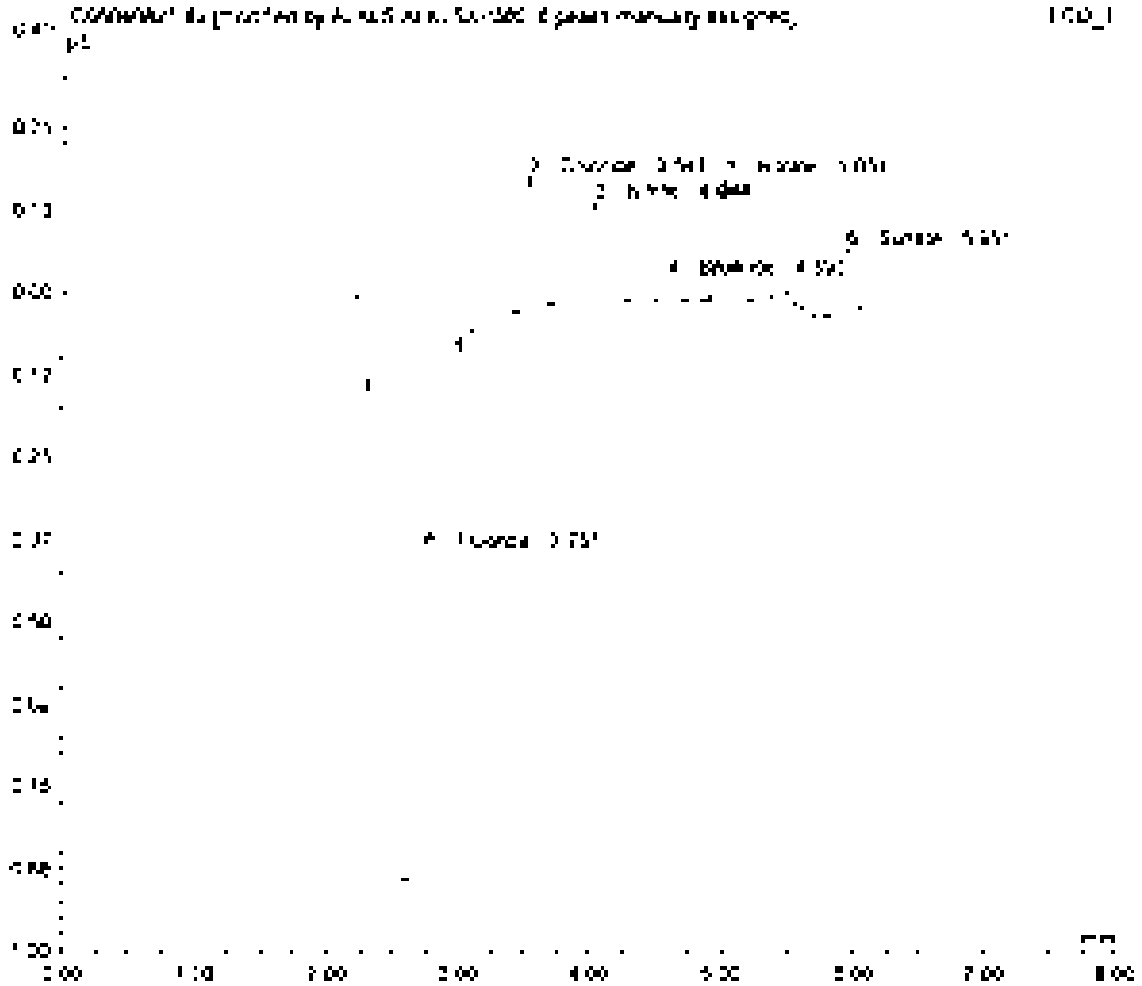
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	standard	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Sys. Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
		[illegible]		[illegible]	[illegible]	[illegible]



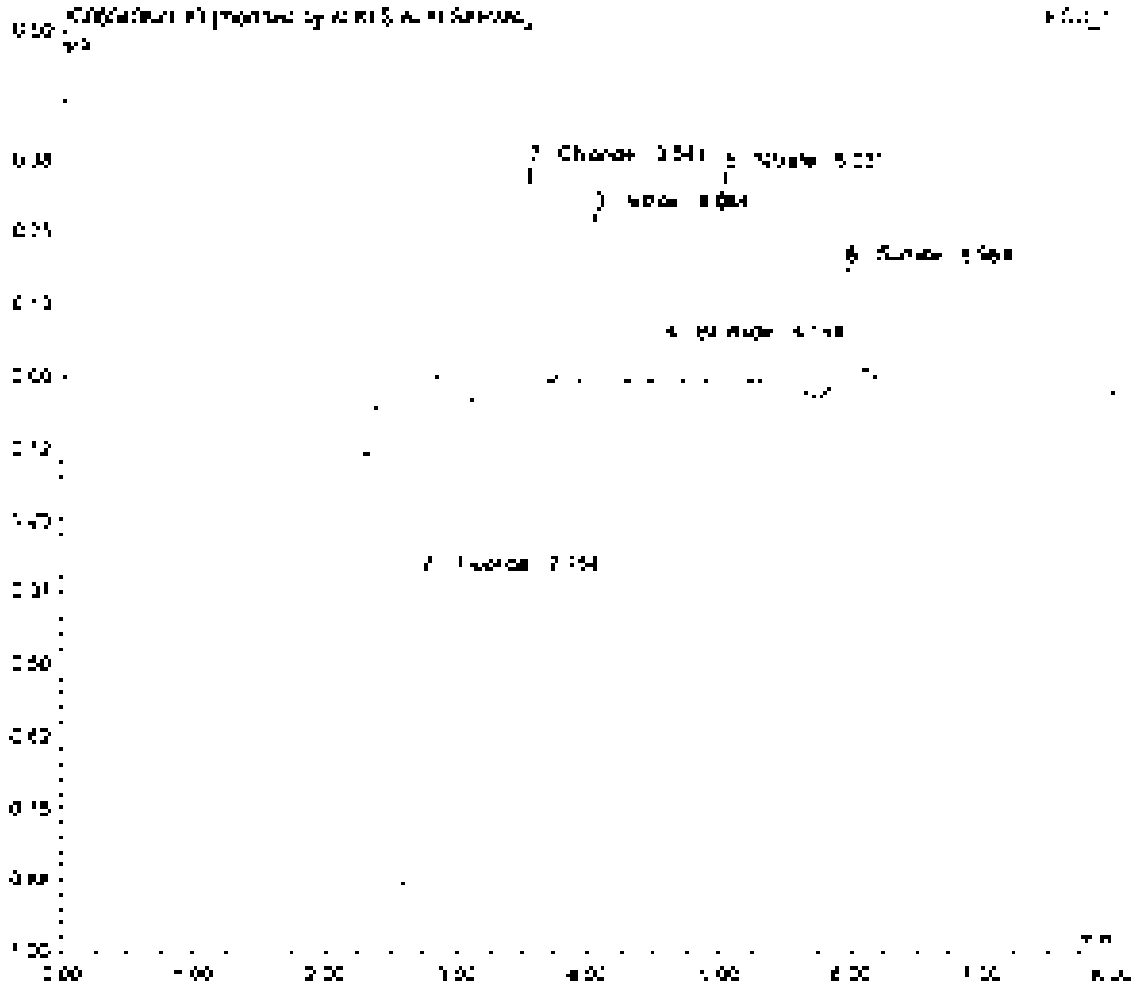
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



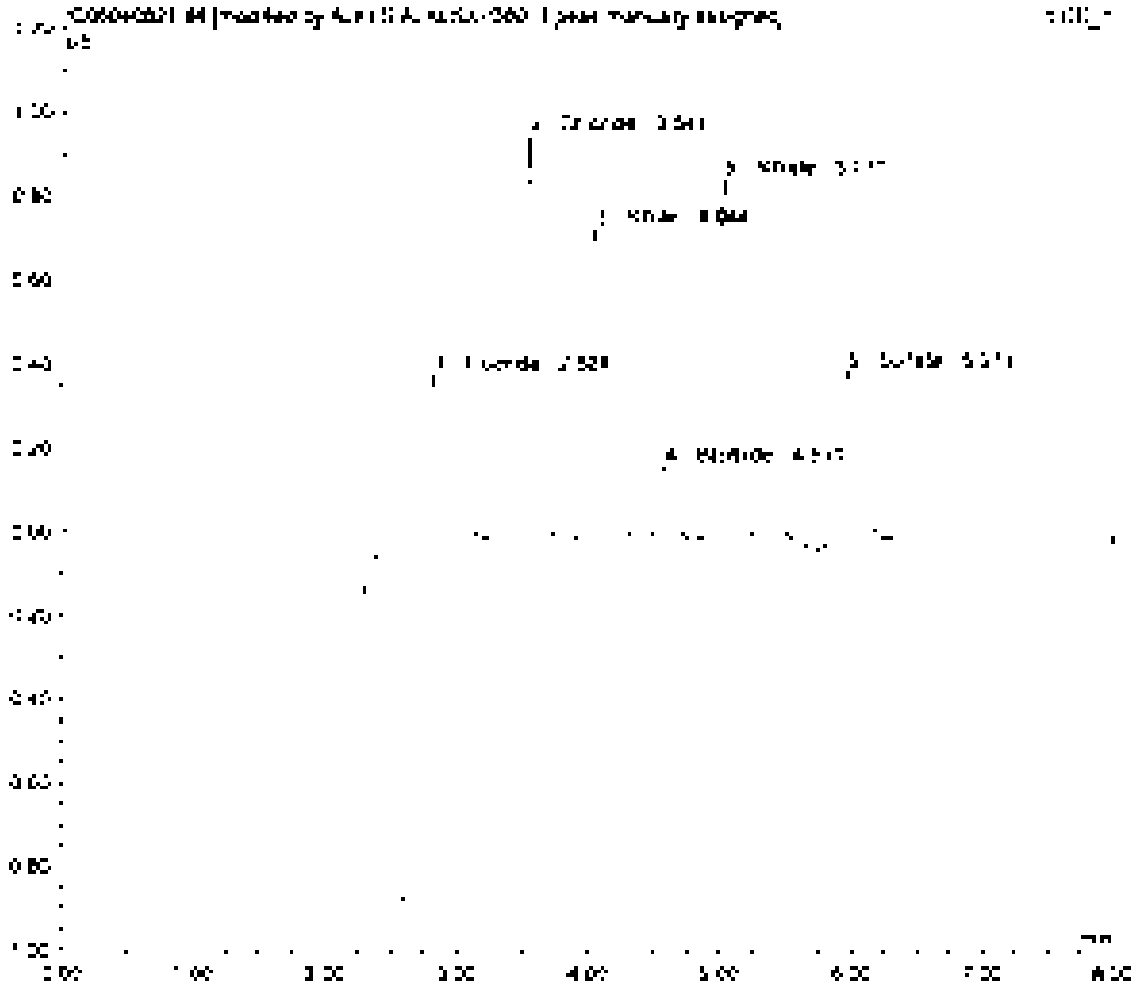
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	Standard	Dilution Factor	1.0000
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



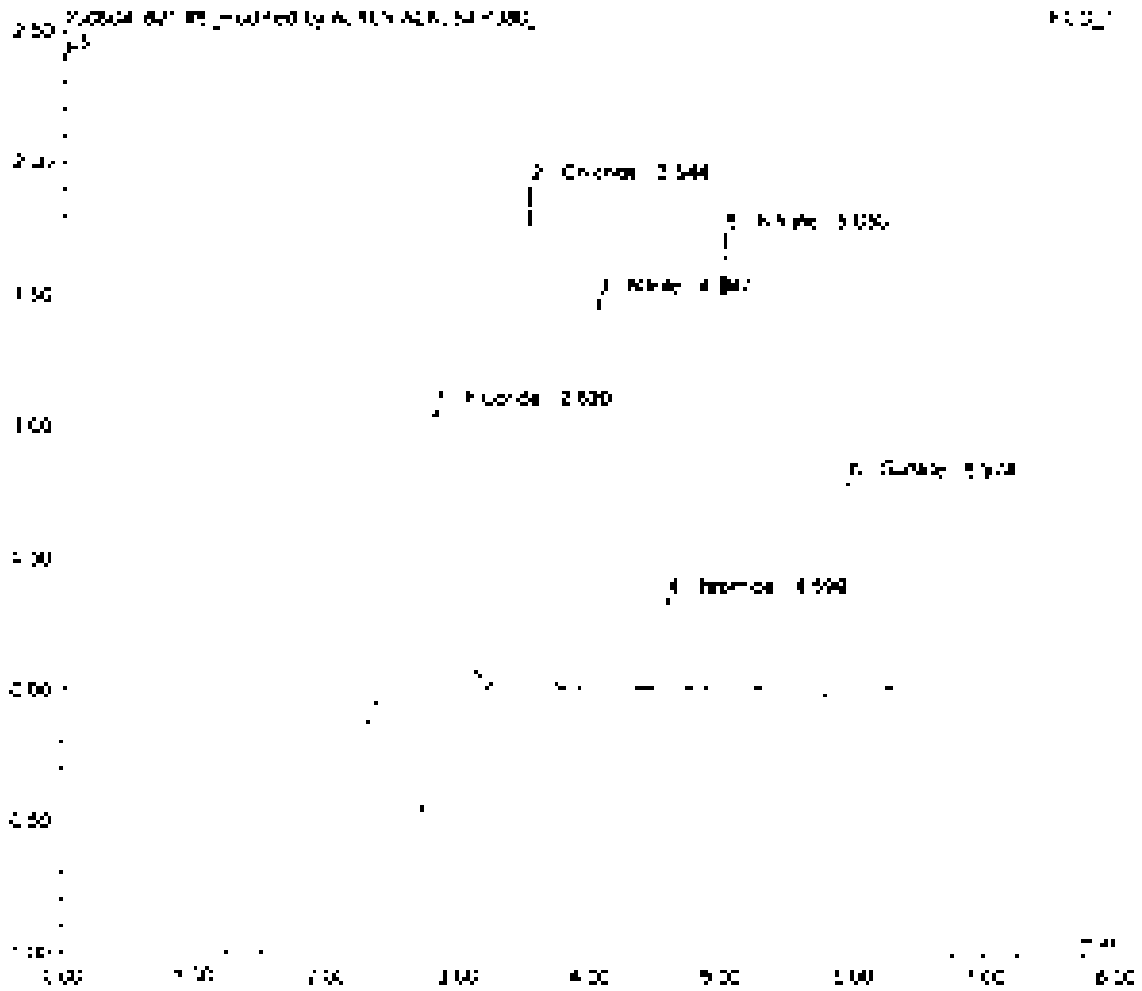
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	Standard	Dilution Factor	1.0000
Program	300_IC	Operator	n.a.
Inj. Date/Time	Midnight 14:13	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
1	[illegible]	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]


C5720C0821 [illegible] by Auto IC Auto-300 1 peak manually integrated
Chloride [illegible]
Nitrate [illegible]
Nitrite [illegible]
Fluoride [illegible]
Sulfate [illegible]
Bromide [illegible]
[illegible]
[illegible]
[

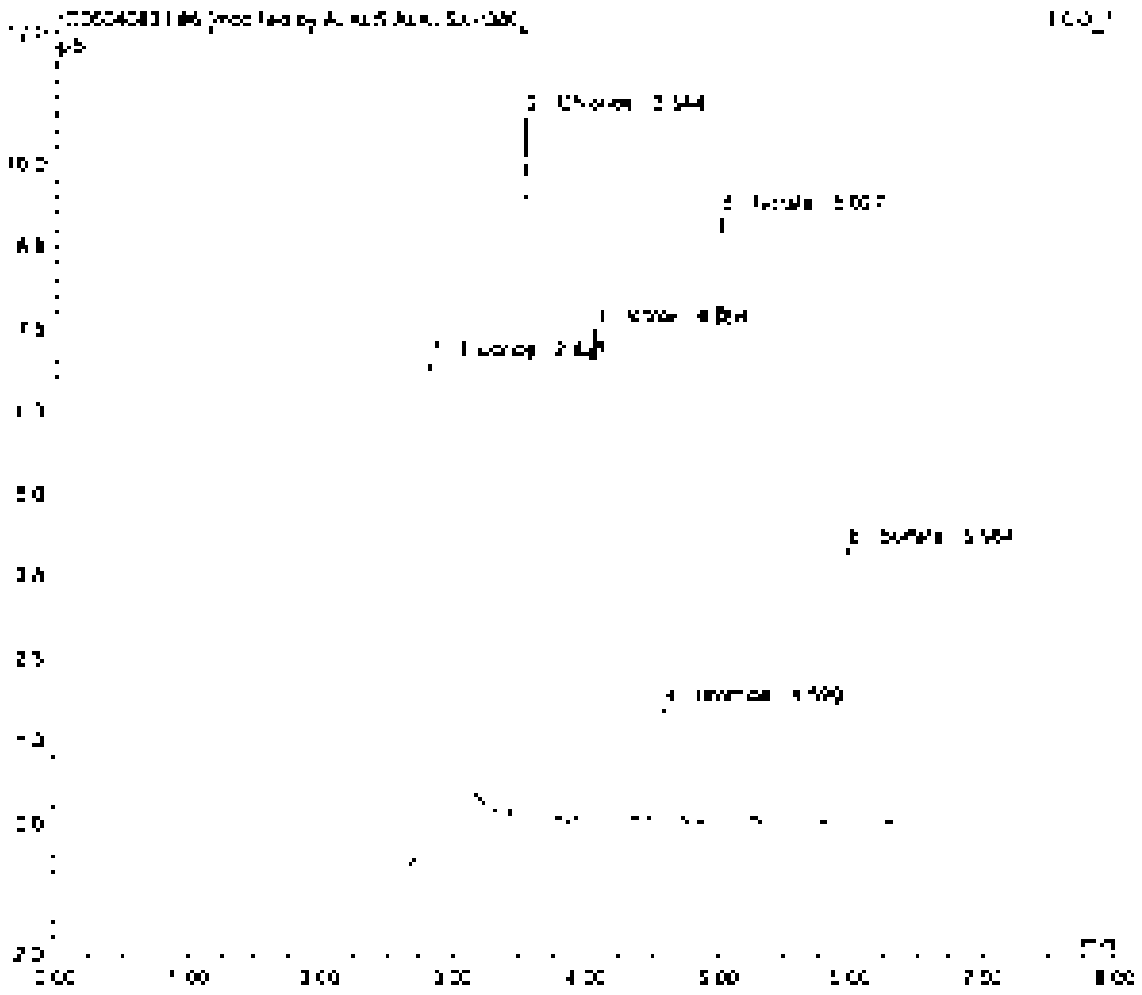
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	standard	Dilution Factor	[illegible]
Program	350_dc	Operator	[illegible]
Inj. Date/Time	[illegible]	Std. Date	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



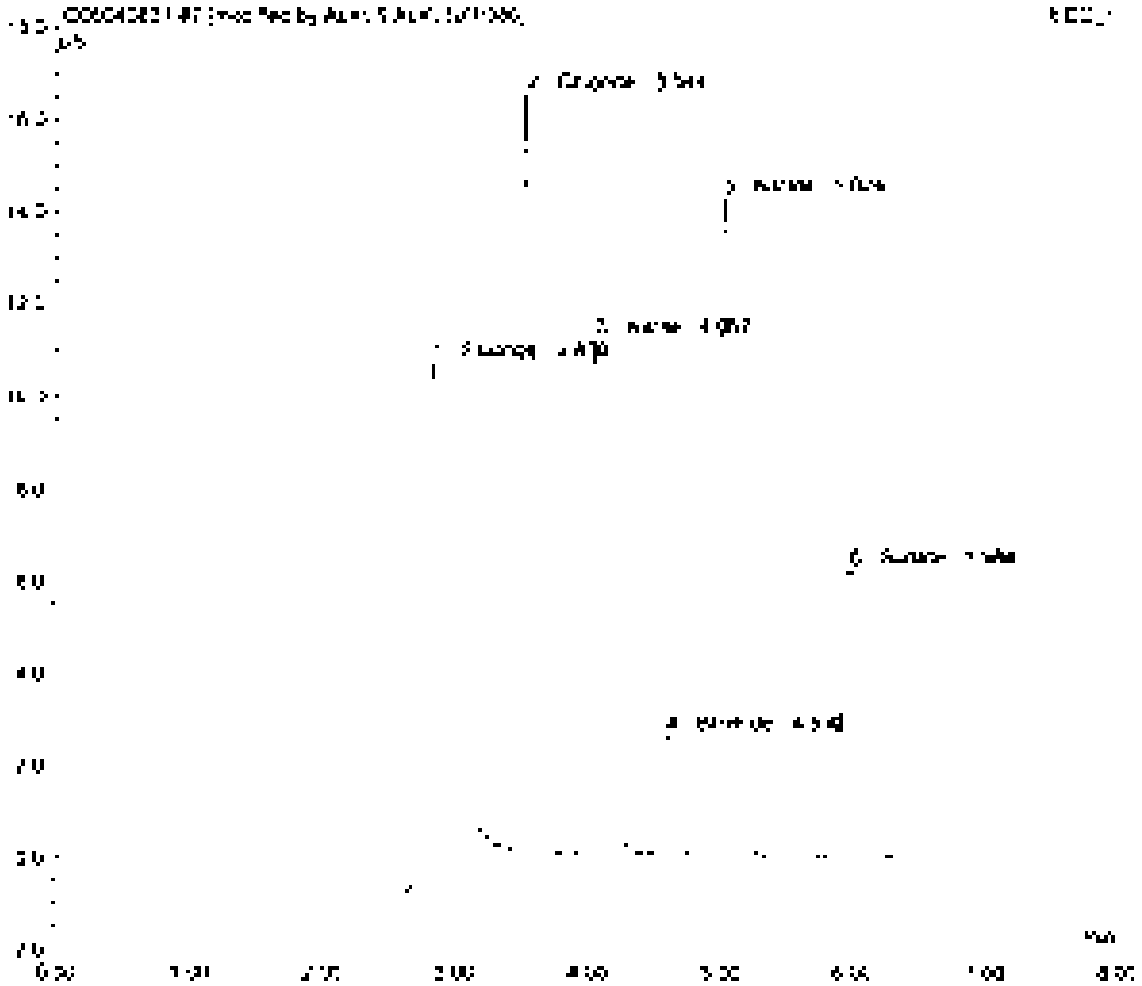
Sample Name	STD4ALYLB	Inj. Vol	[illegible]
Sample Type	standard	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time (min)	Peak Name	Type	Area (µS*min)	Height (µS)	Amount
1	[illegible]	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



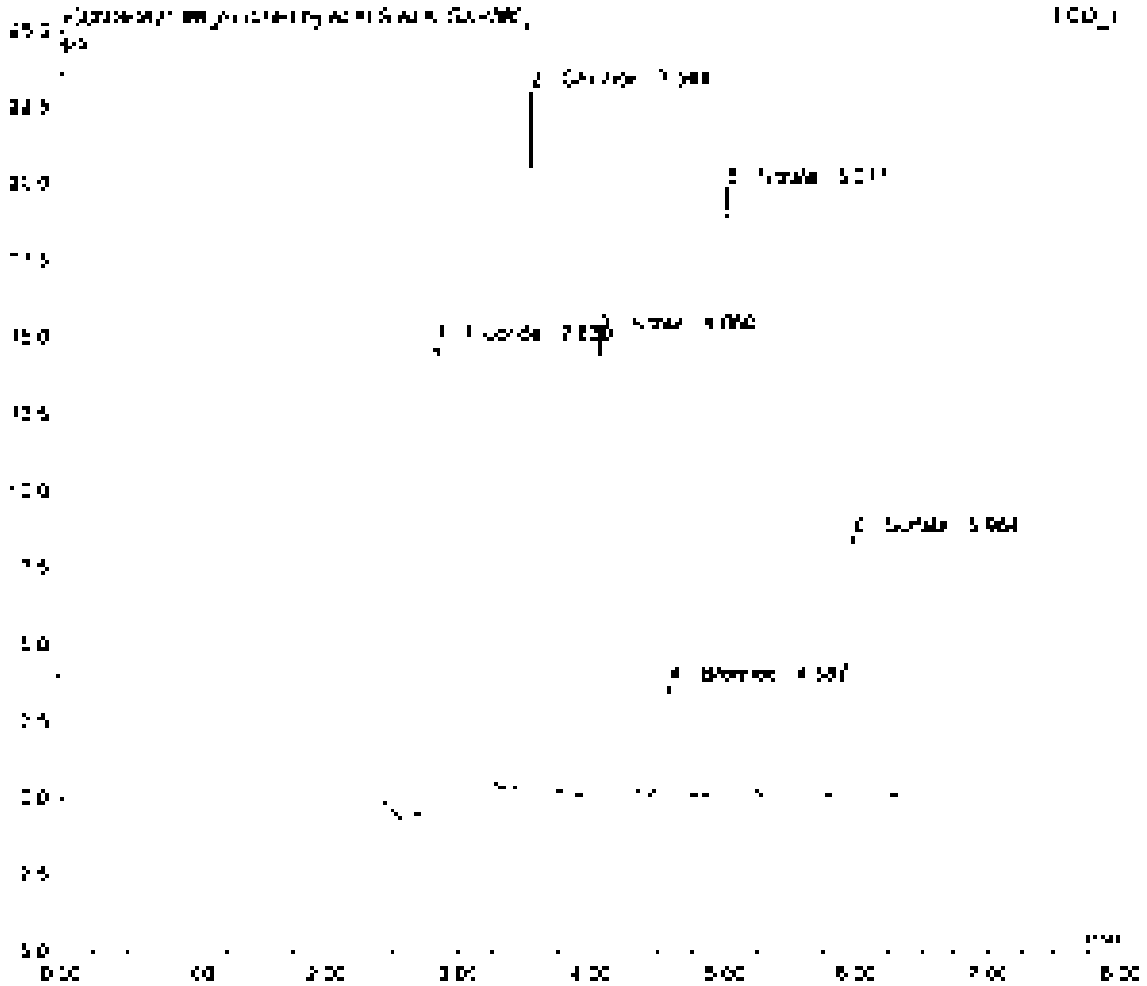
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

Pk	Time (min)	Peak Name	Type	Area (µV*min)	Height (µV)	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total:				[illegible]	[illegible]	[illegible]



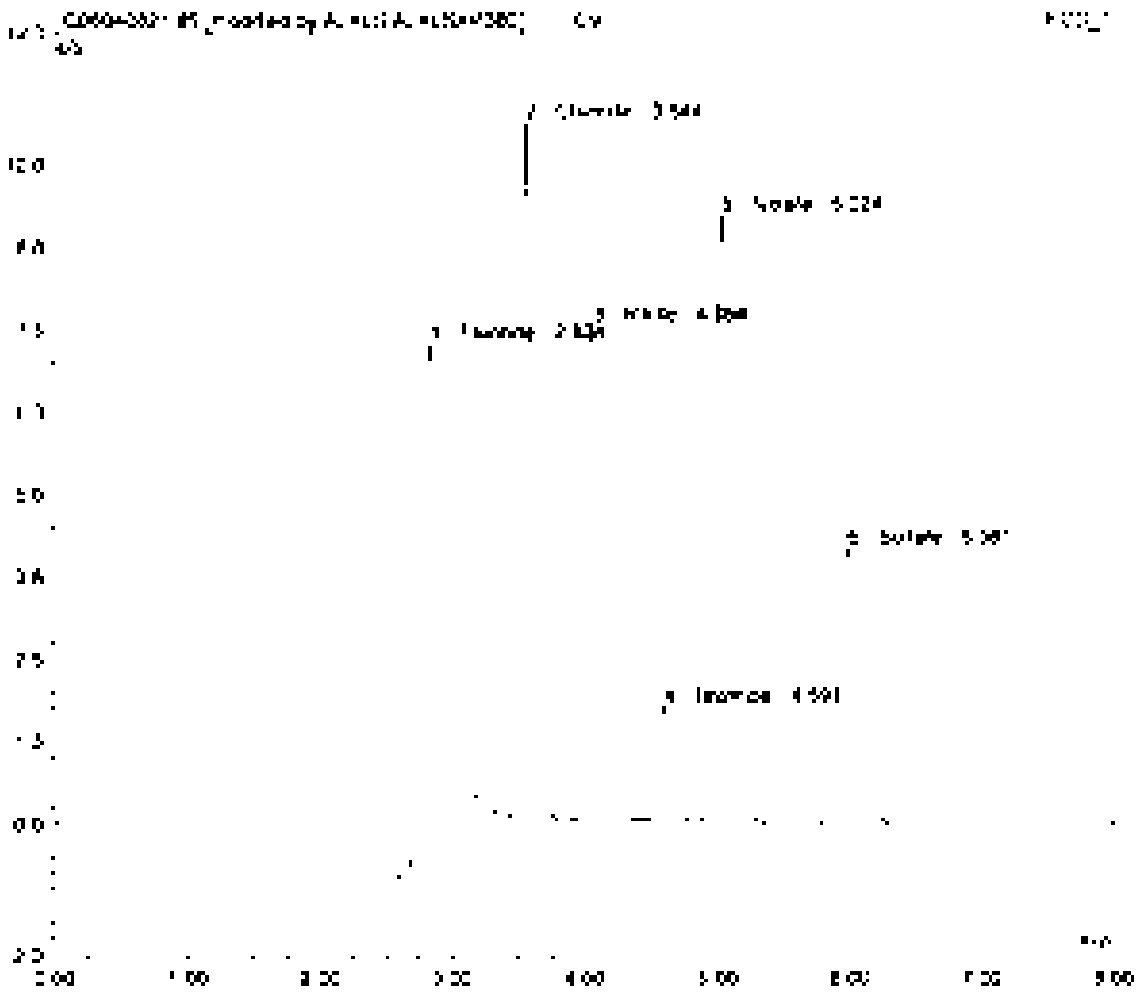
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	Standard	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



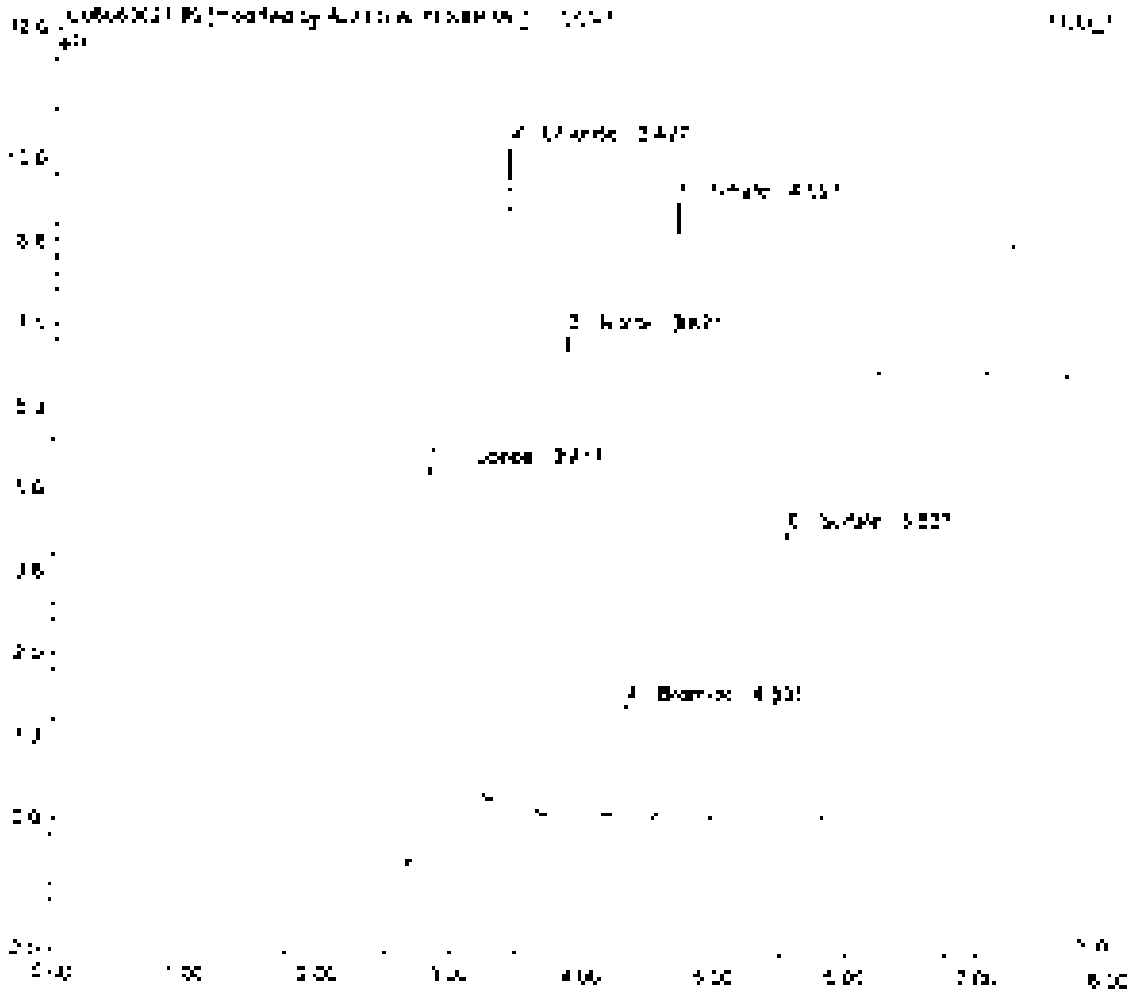
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible] 13:50	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area nRIU*min	Height nRIU	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



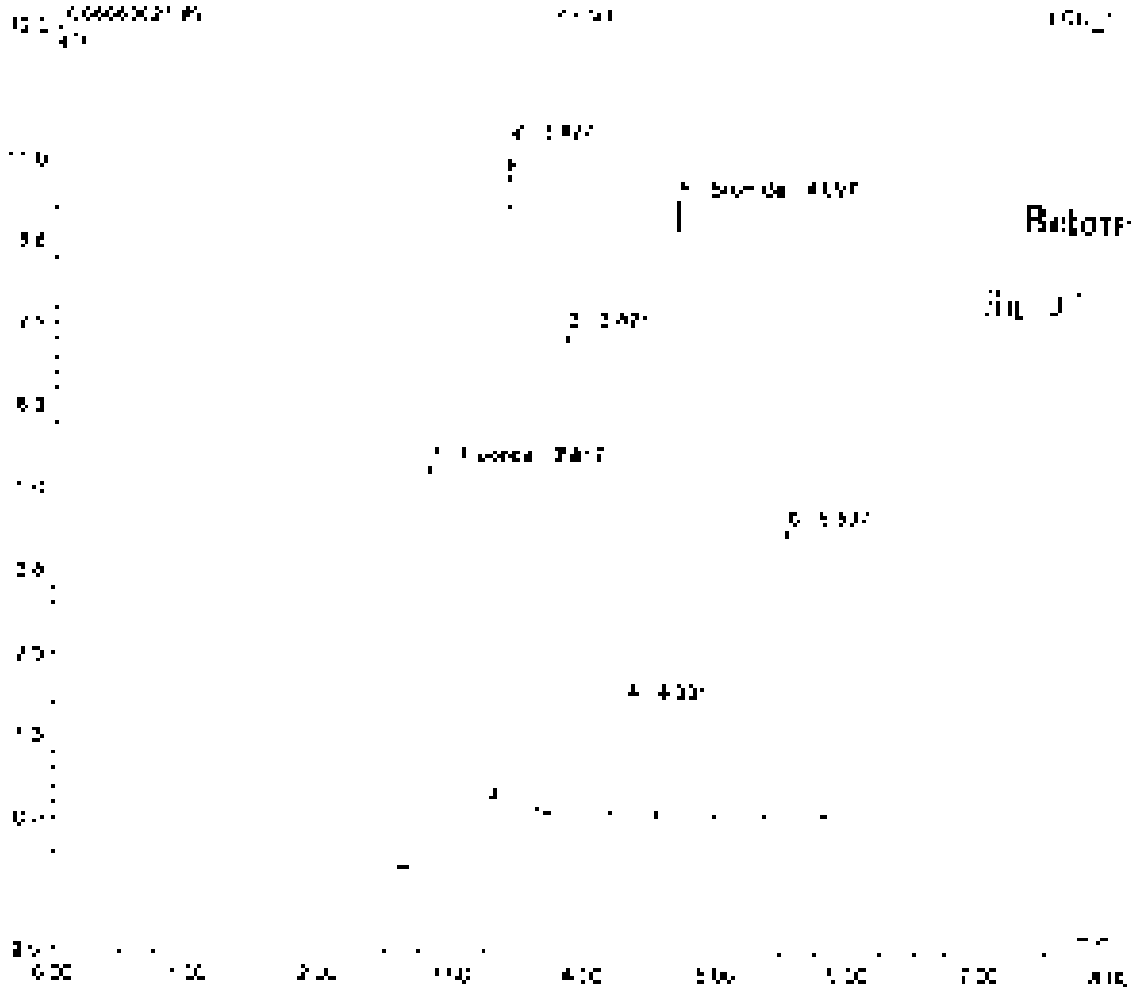
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS/cm min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



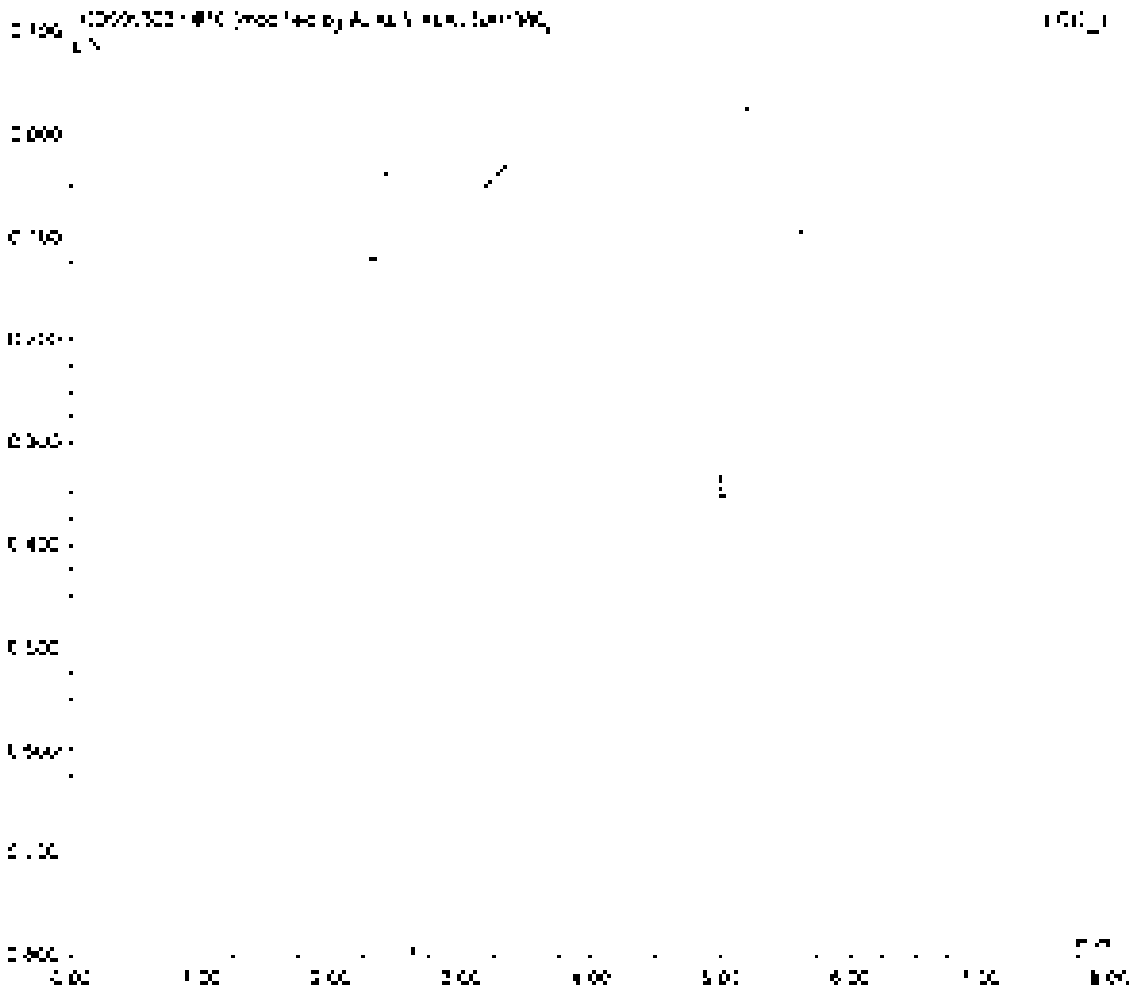
Sample Name	[illegible]	Inj. Vol.	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



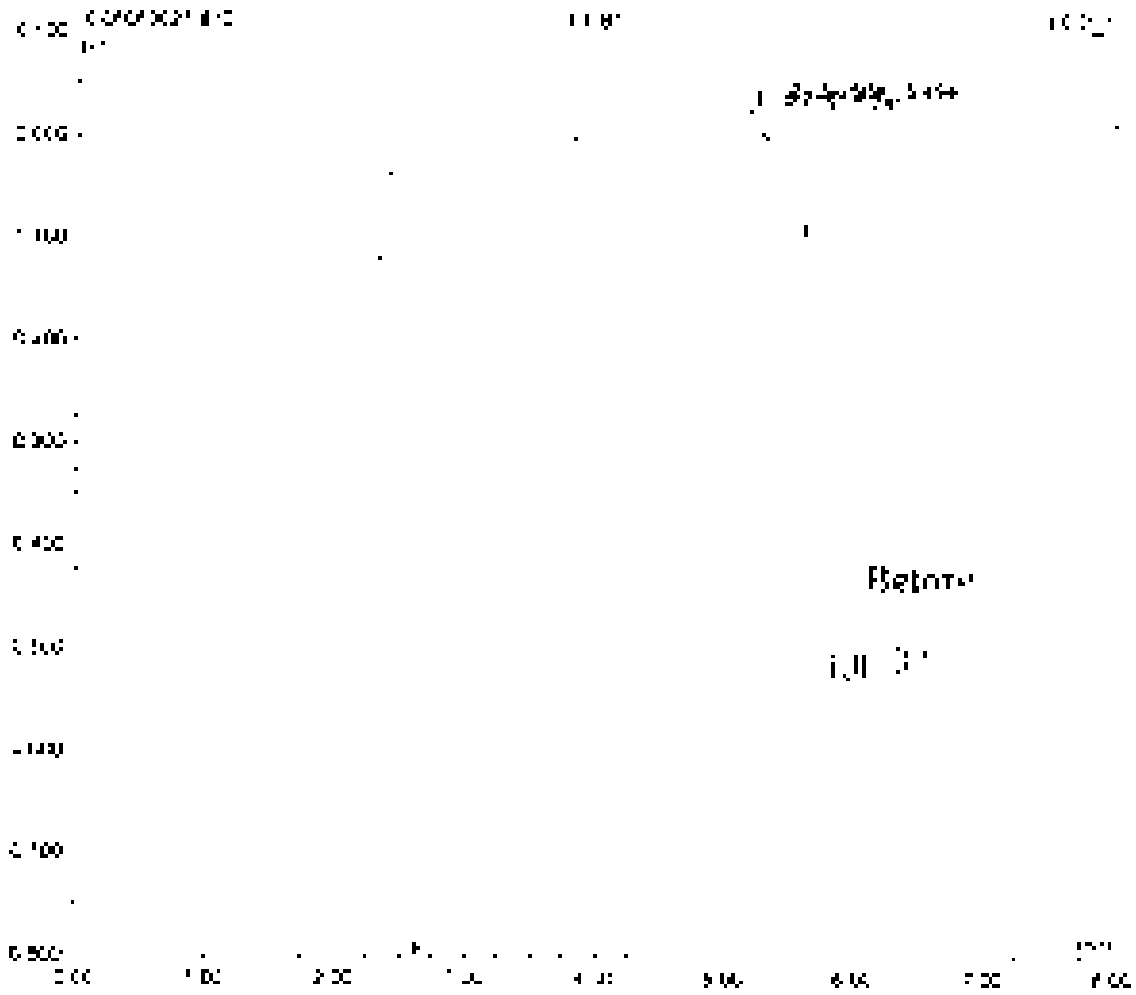
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µV*min	Height µV	Amount
		[illegible]		[illegible]	[illegible]	[illegible]



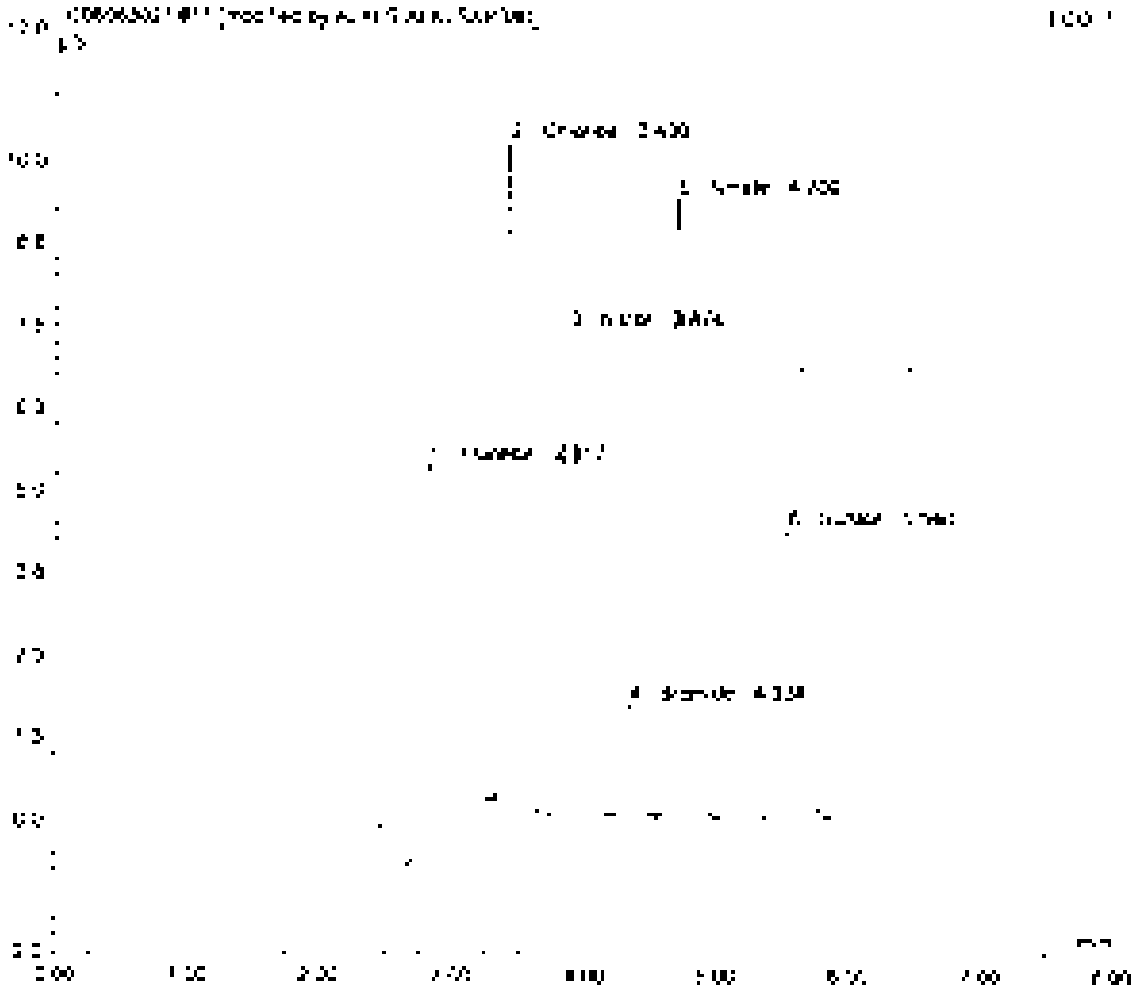
Sample Name	CC01	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µV*min	Height µV	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



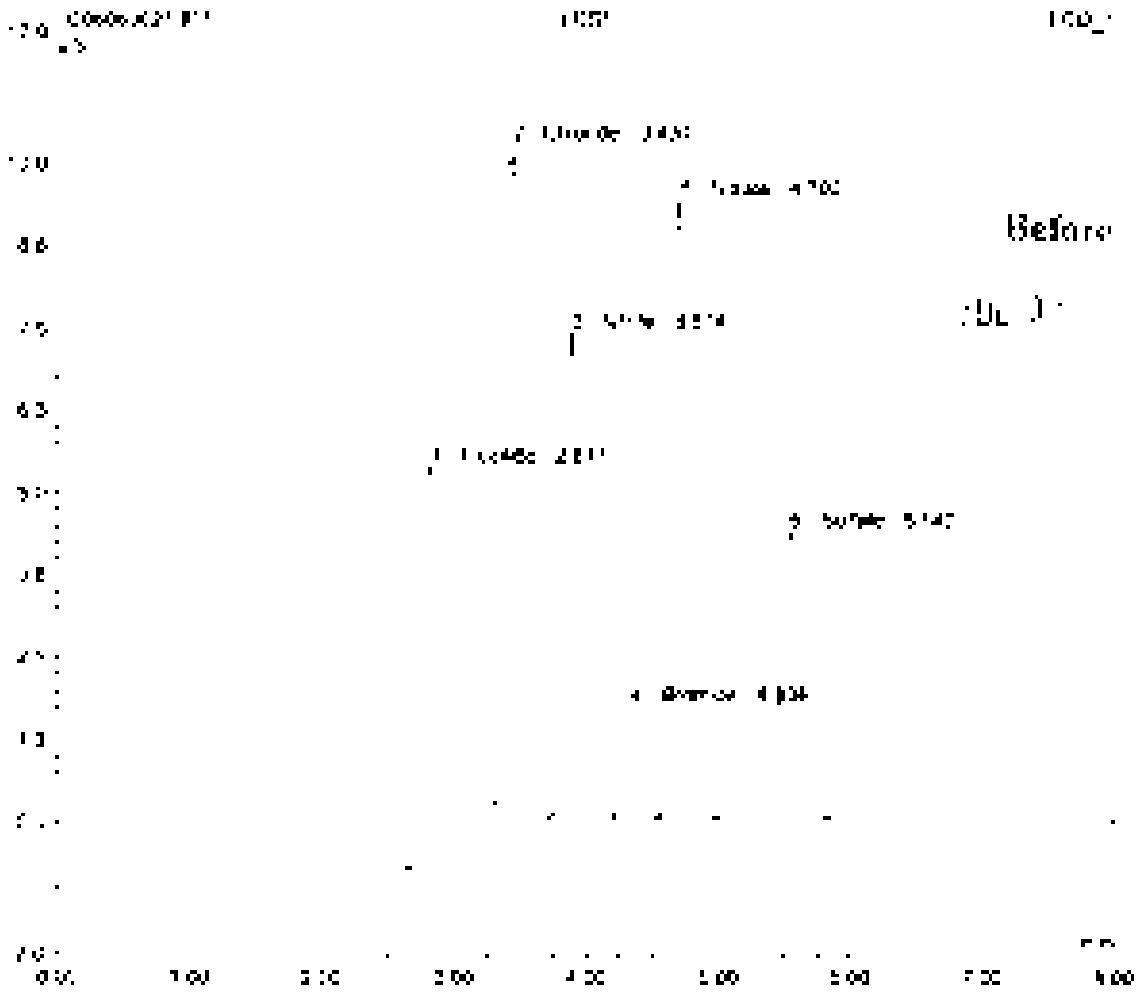
Sample Name	LCB1	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/cm	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		TOTAL		[illegible]	[illegible]	[illegible]



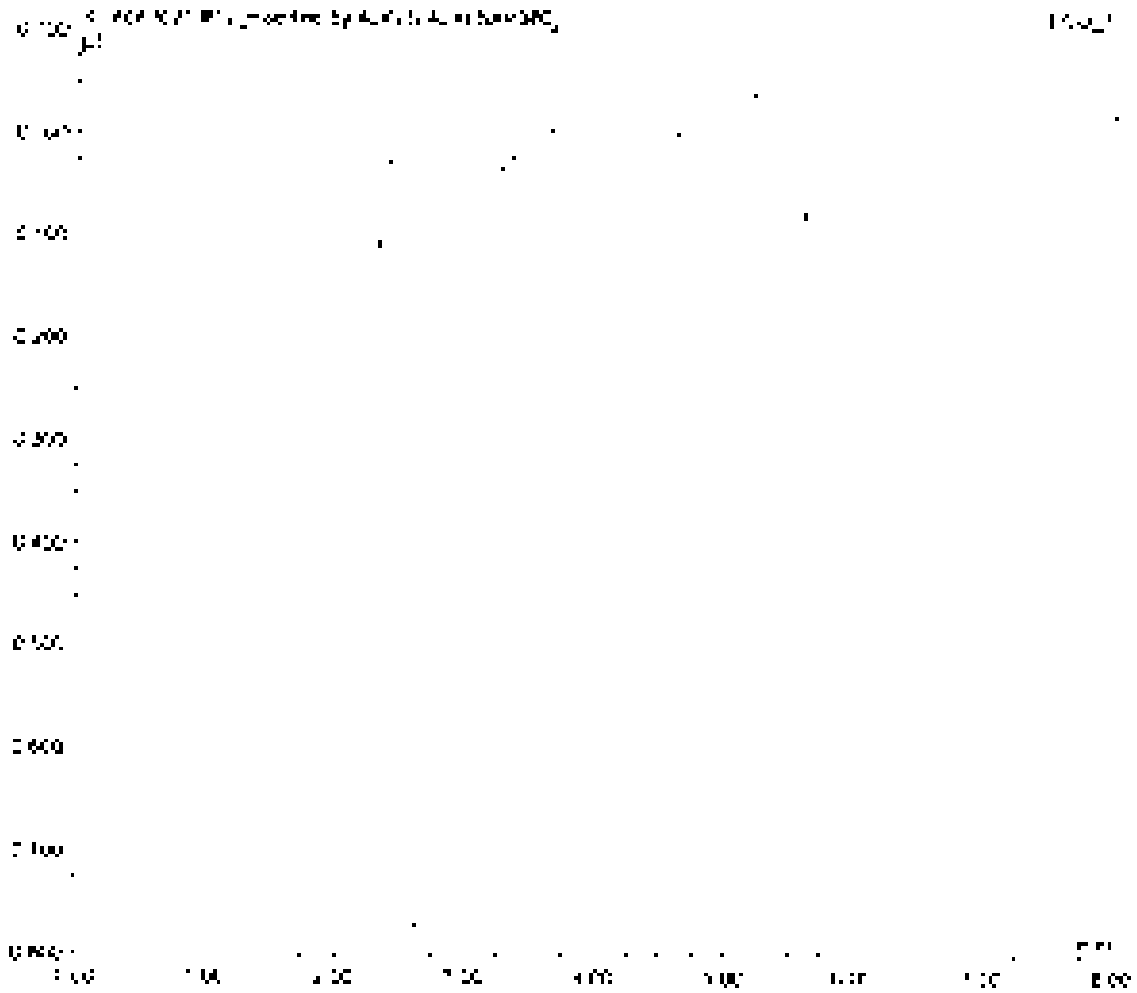
Sample Name	LC01	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	1.0000
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS/cm	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



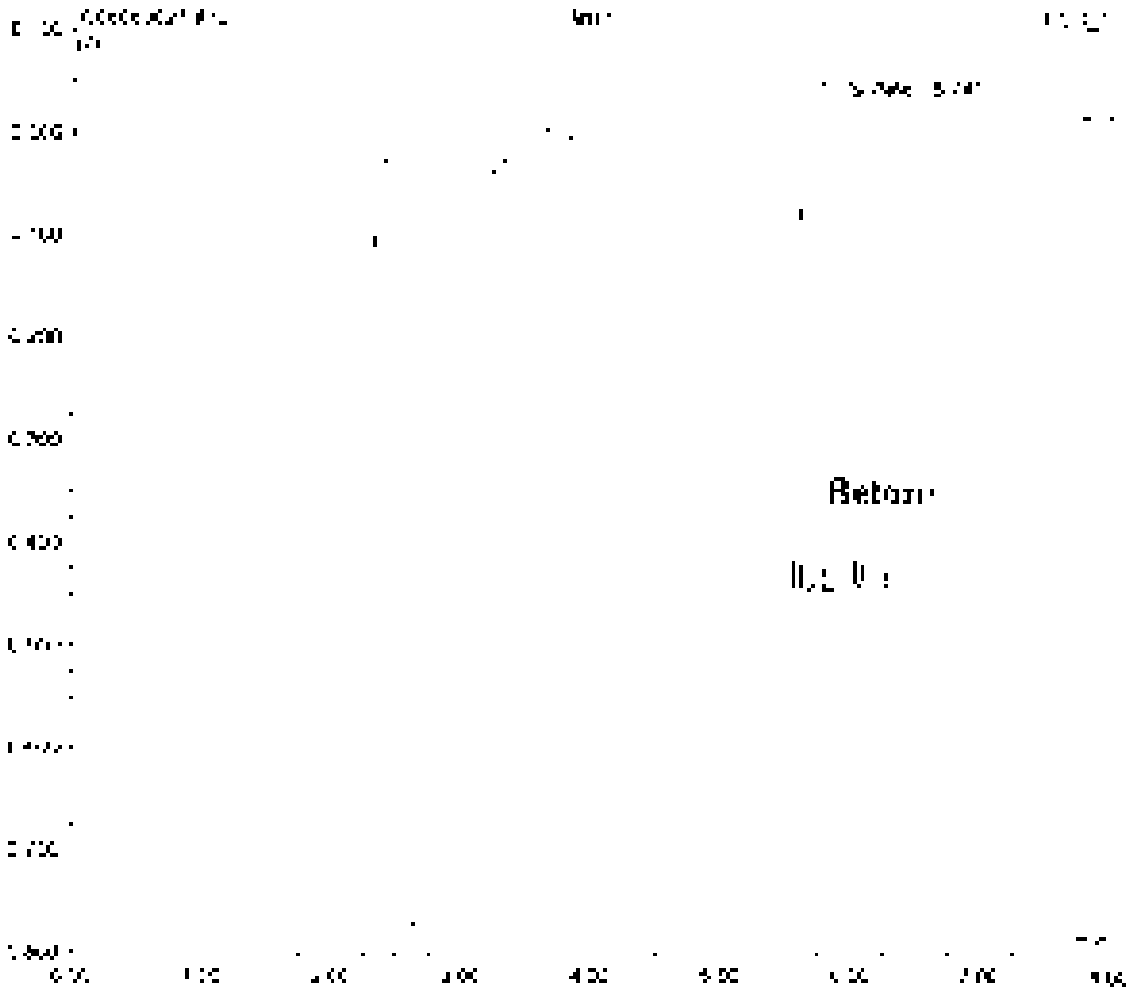
Sample Name	[illegible]	Inj. Vol	36.0
Sample Type	unknown	Dilution Factor	1.0000
Program	360_6c	Operator	[illegible]
Inj. Date/Time	30/06/21 [illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µg*min	Height µg	Amount µg
		TOTAL		[illegible]	[illegible]	[illegible]



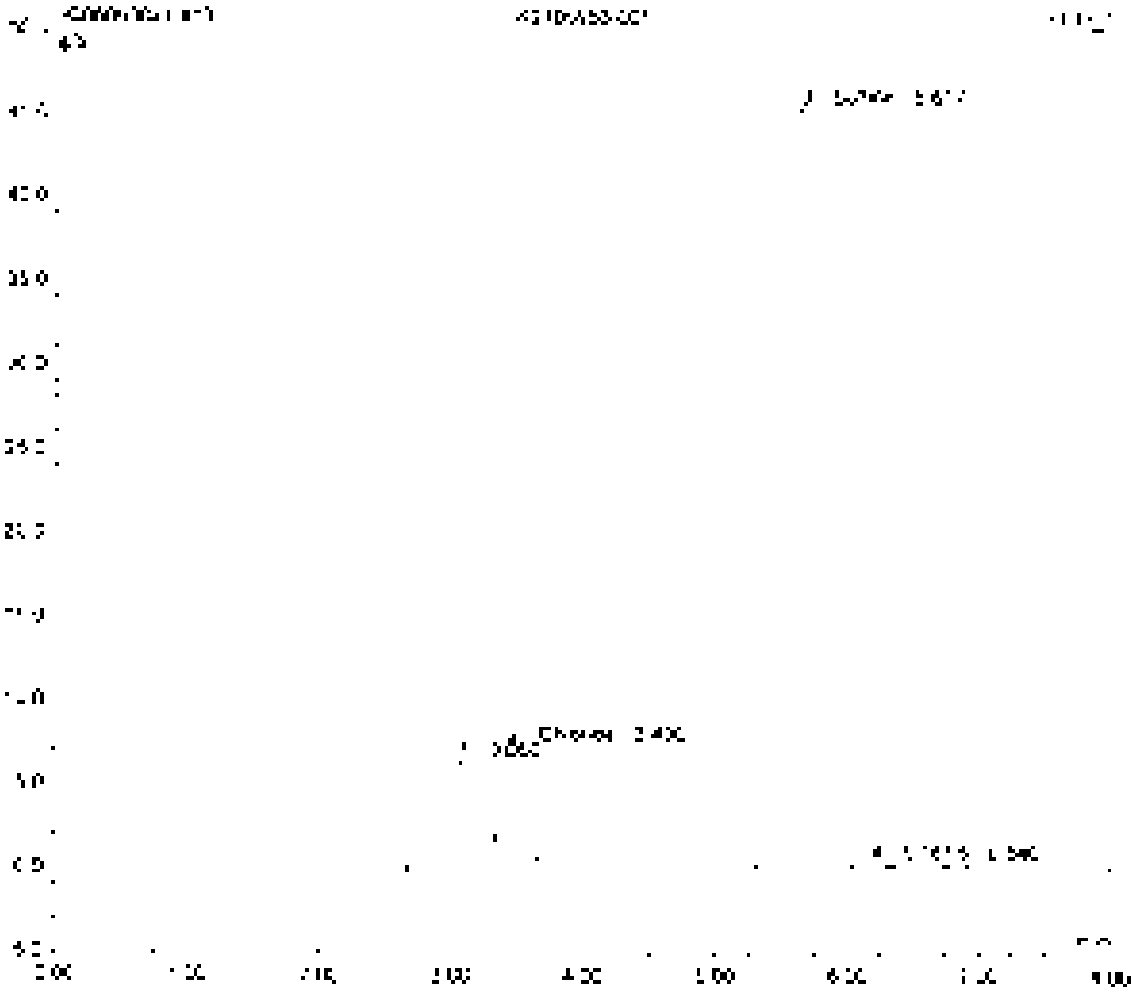
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	1.0000
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible] 14:38	RVC Total	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



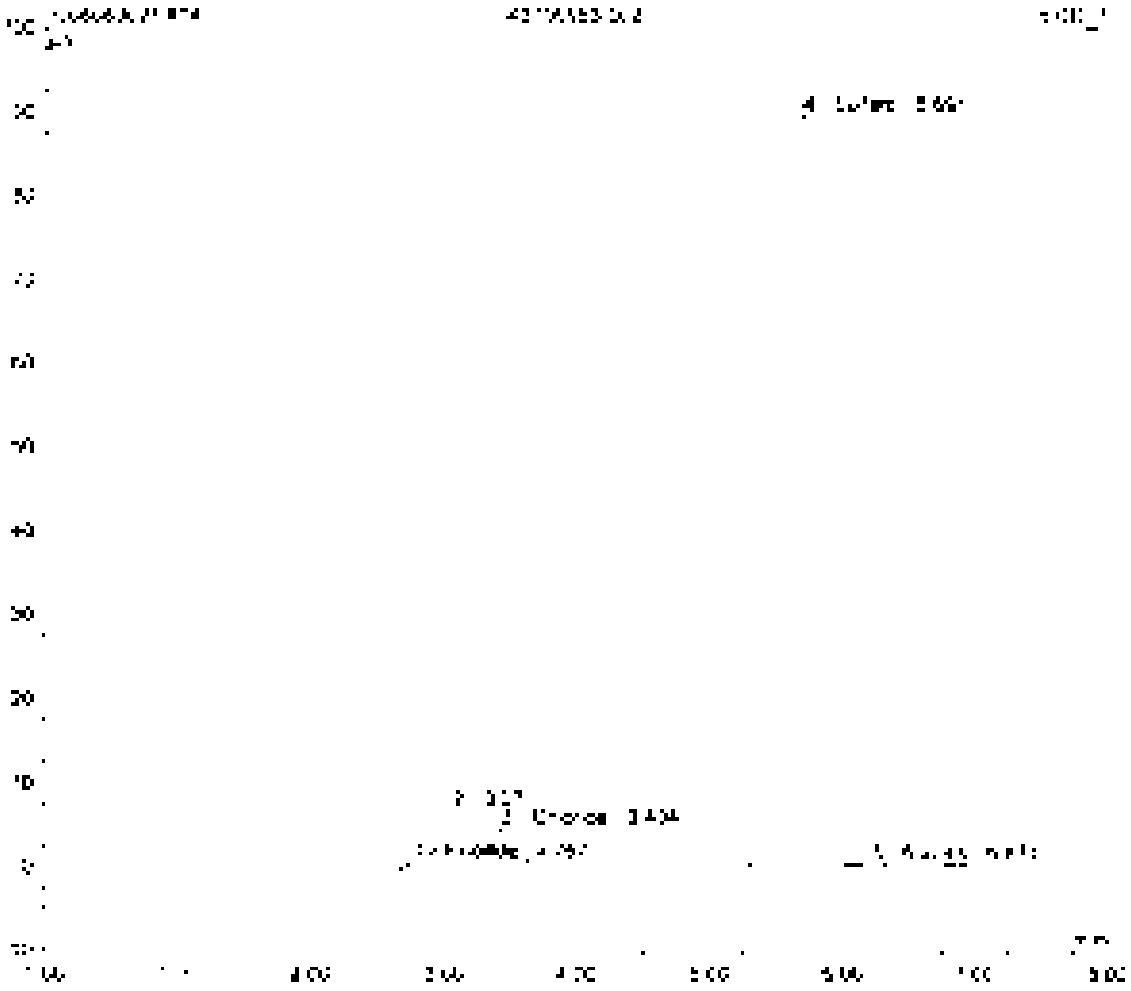
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n/a
Inj. Date/Time	[illegible]	Run Error	[illegible]

No	Time min	Peak Name	Type	Area µS/cm·min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



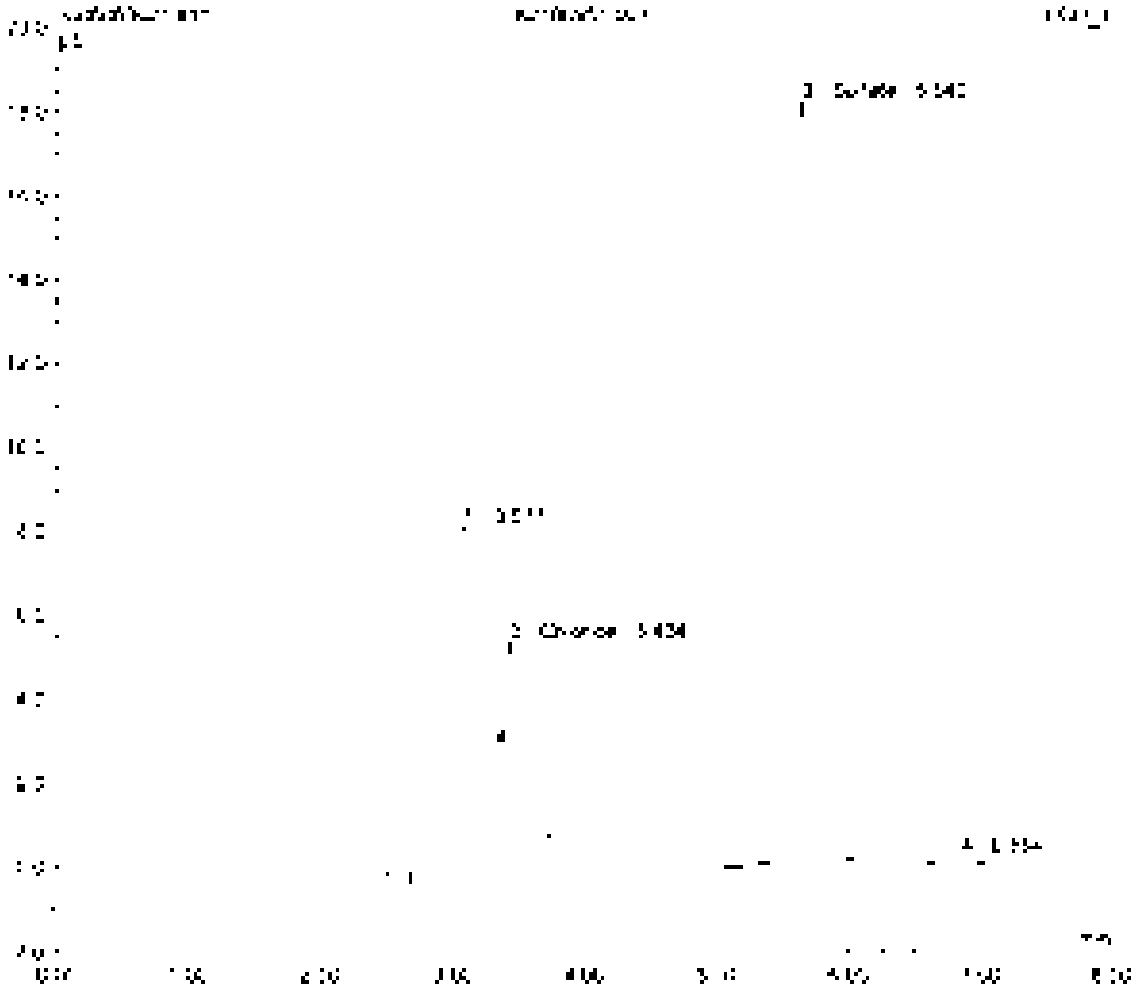
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



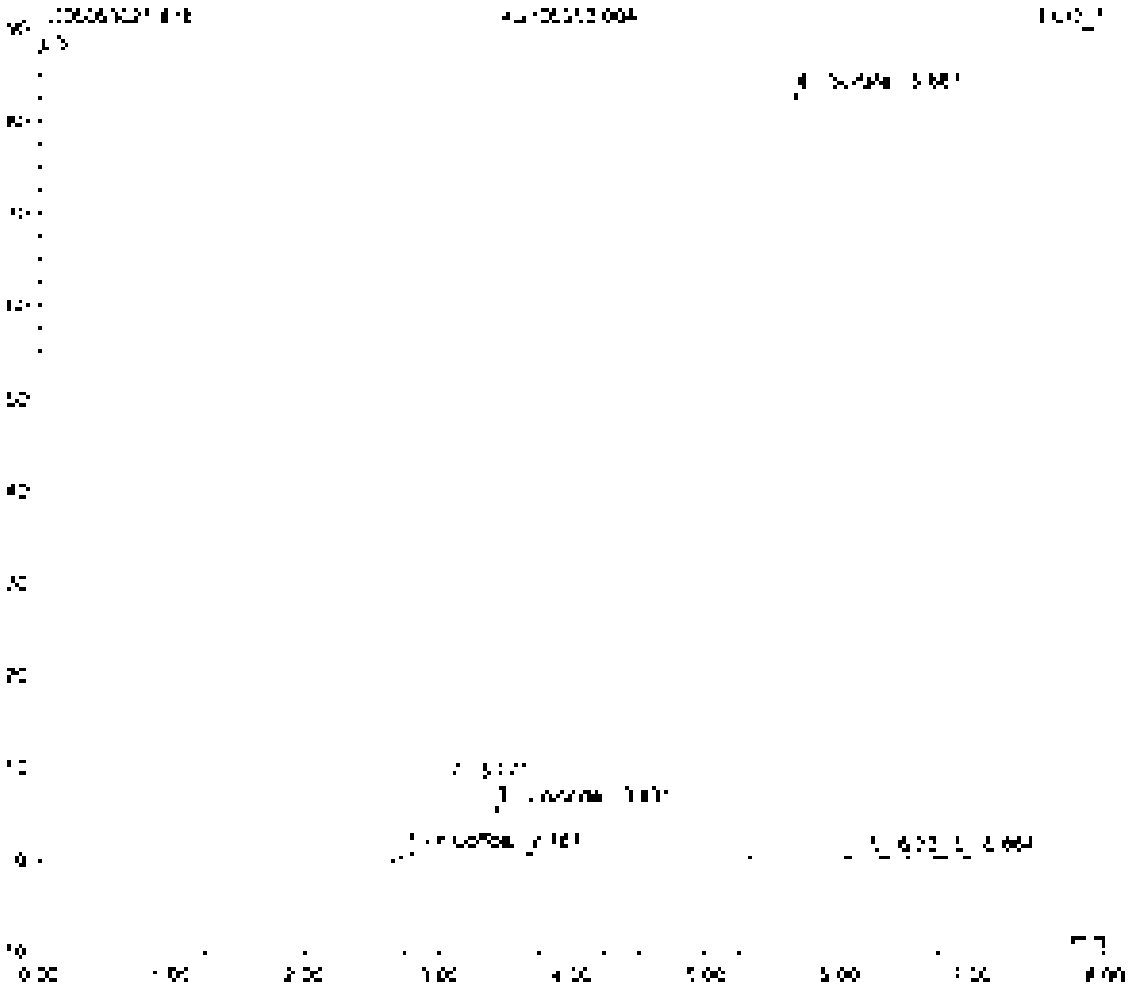
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



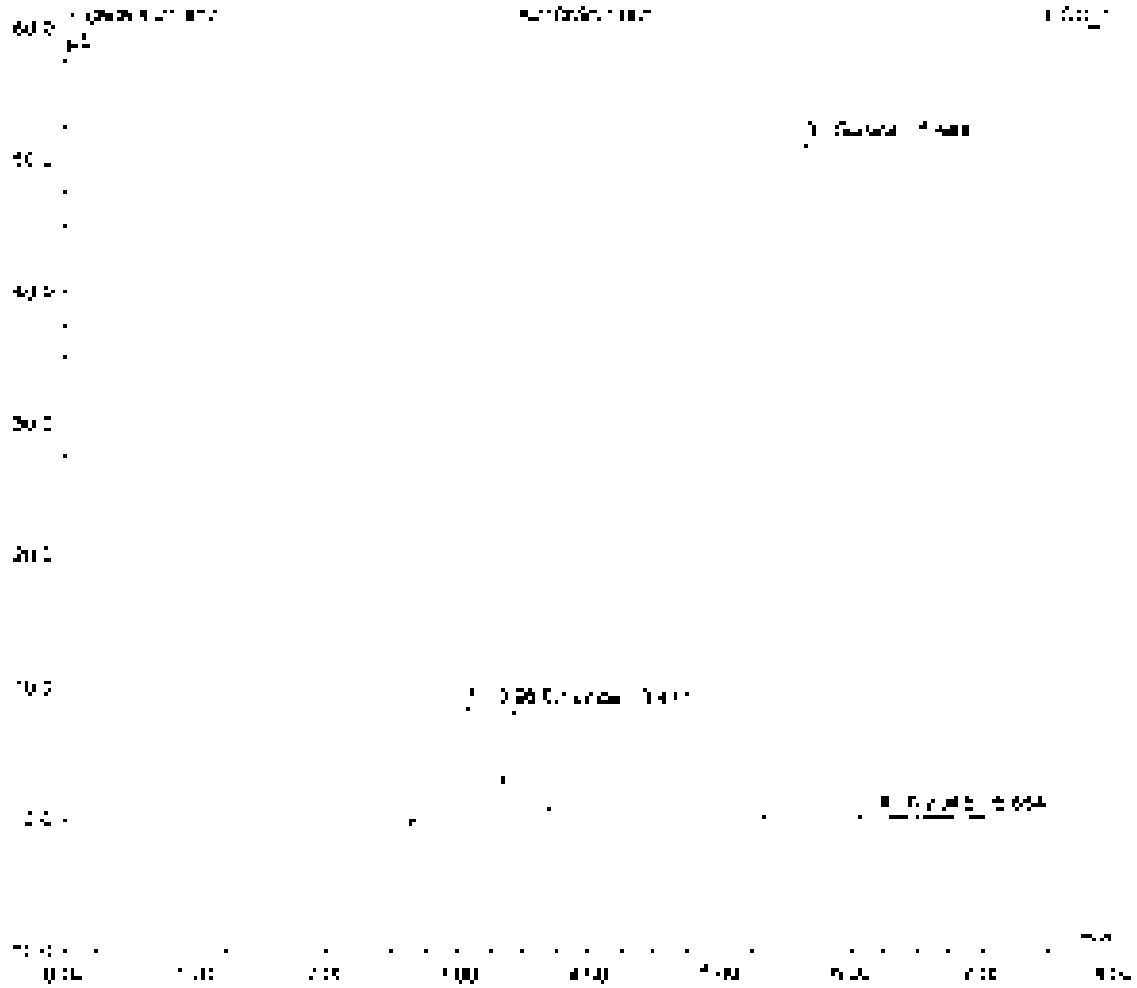
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



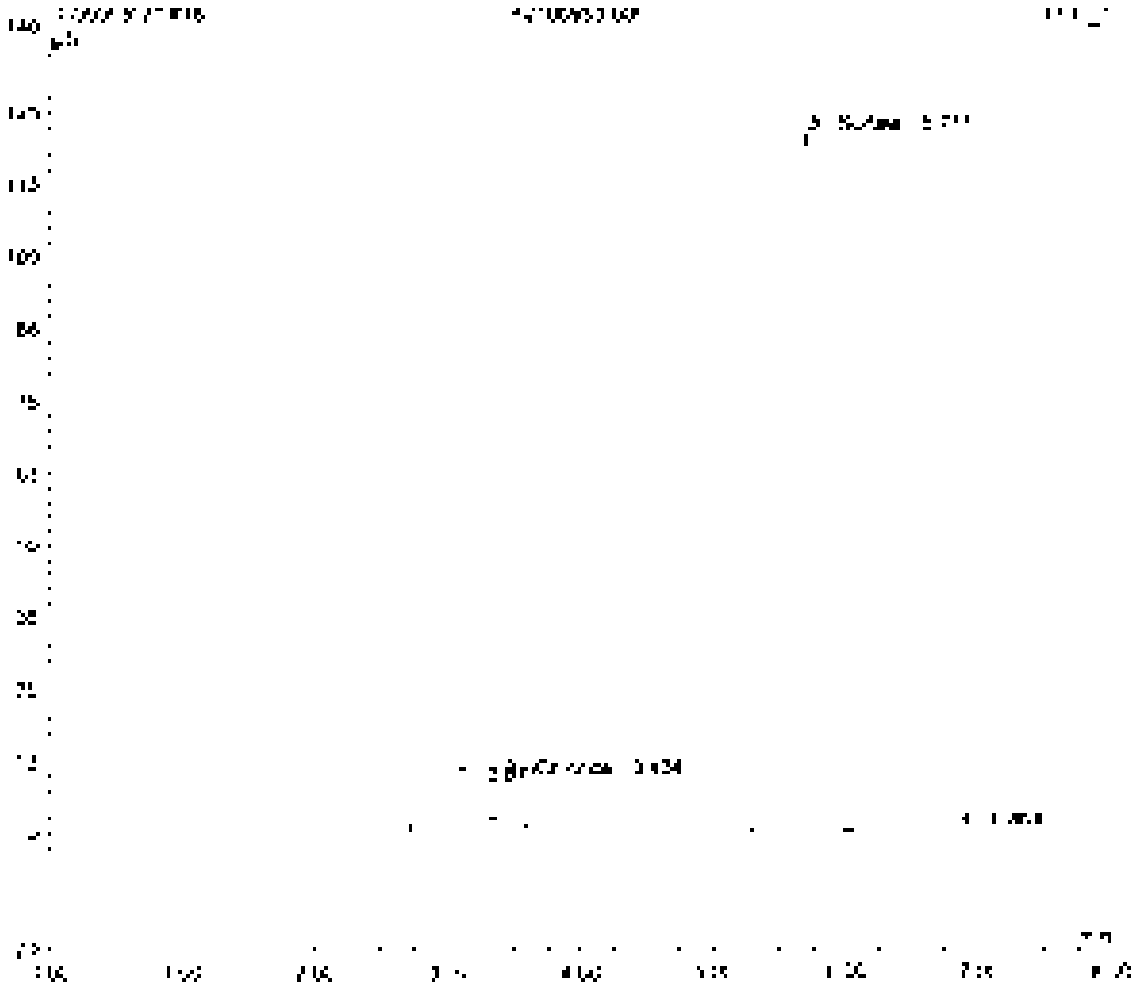
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Type	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
2	[illegible]	Chloride	VM	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	BM	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



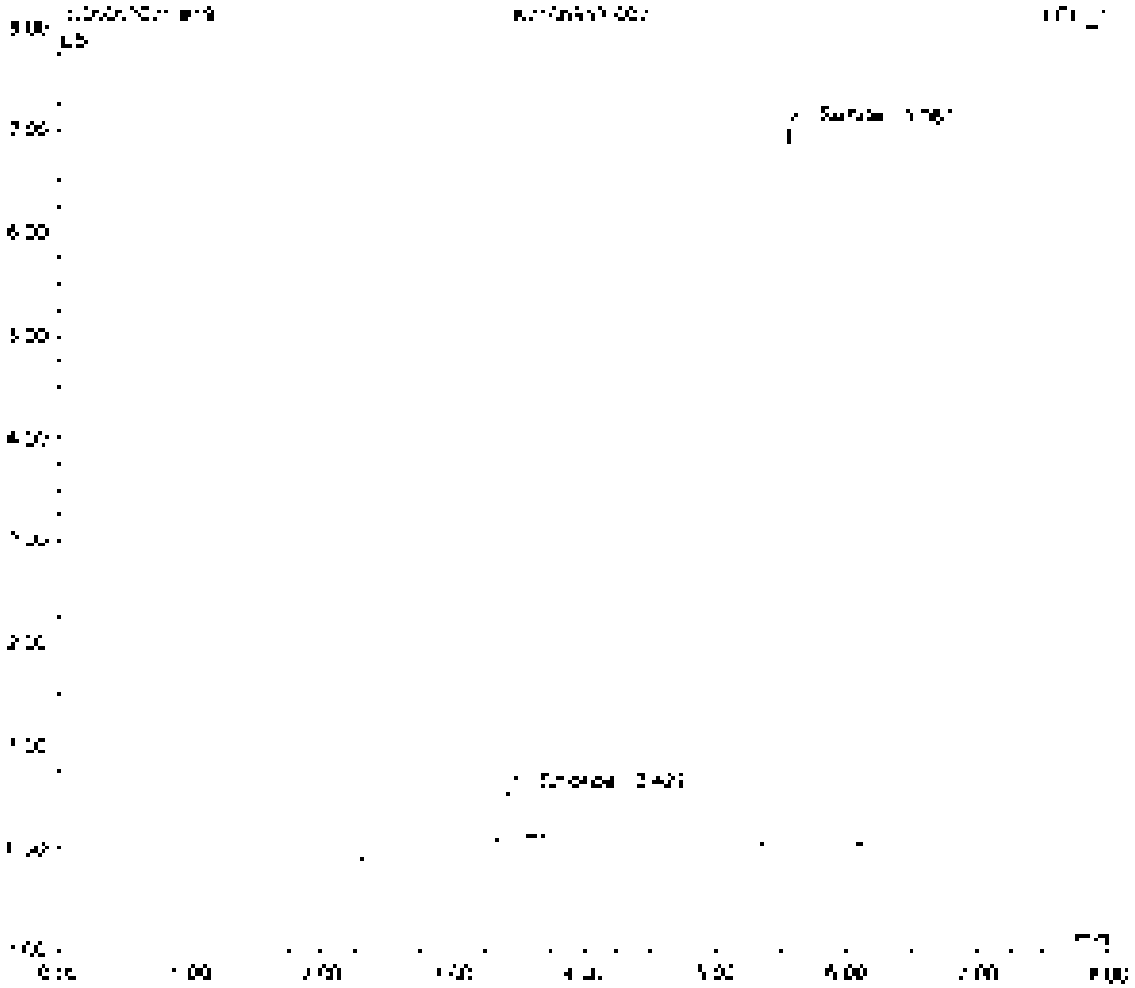
Sample Name	[illegible]	Inj. No.	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n/a
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak name	Type	Area µS/min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]				[illegible]	[illegible]	[illegible]



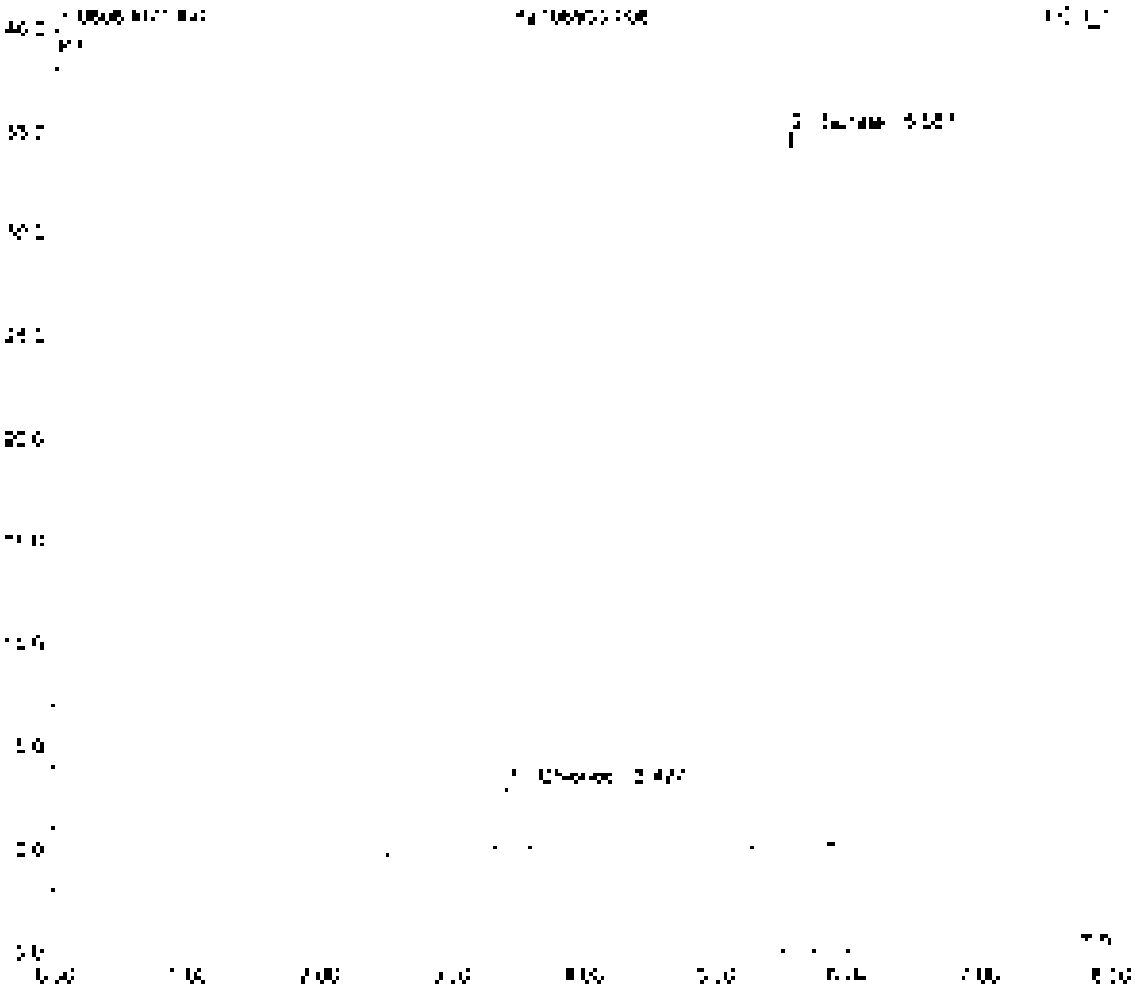
Sample Name	R21W[illegible]001F	Inj. Vol	20.0
Sample Type	unknown	Dilution Factor	20.0000
Program	200_9c	Operator	n/a
Inj. Date/Time	30/06/21 11:00	Run Time	8.00

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	2.43	Chloride	BMB	[illegible]	[illegible]	[illegible]
2	5.36	Sulfate	BMB	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



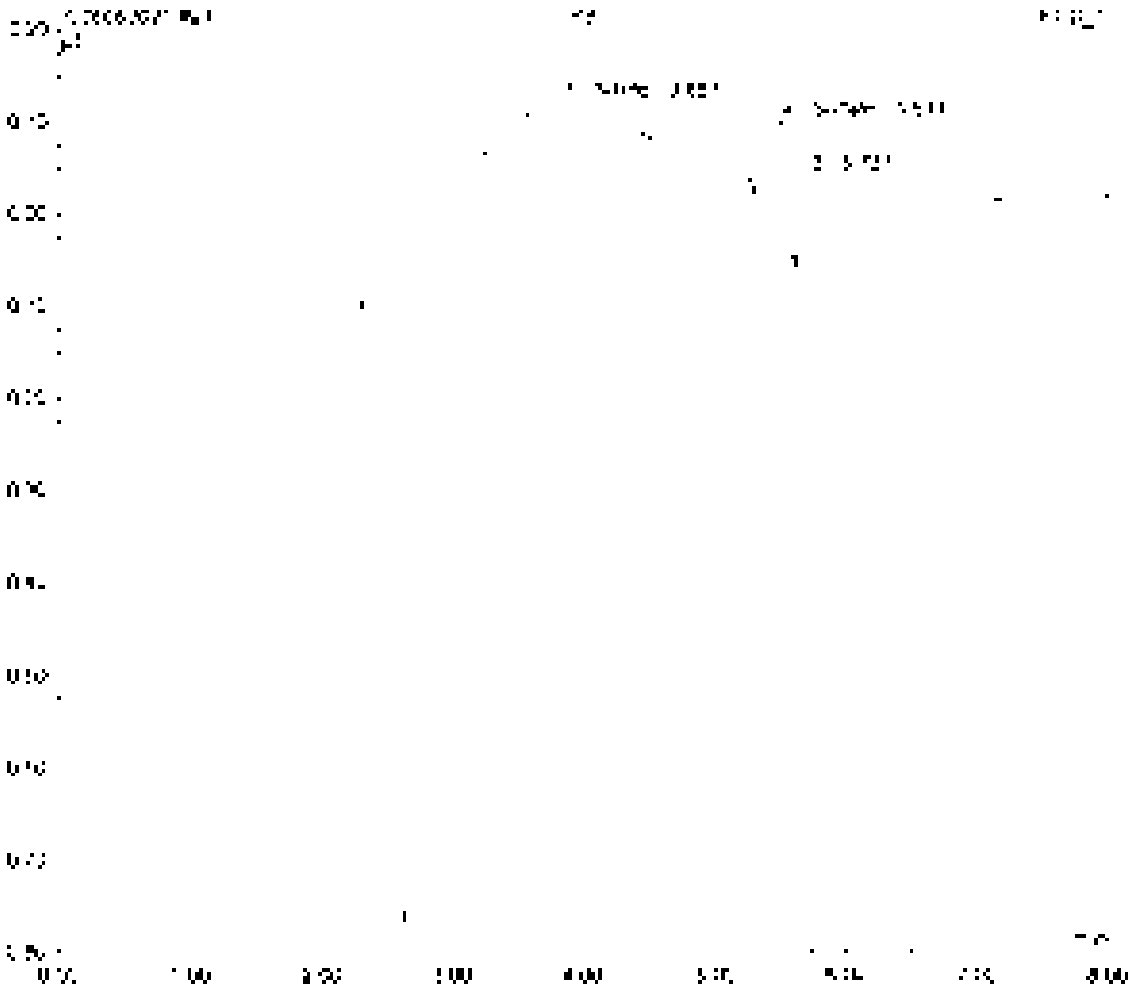
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Acq. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



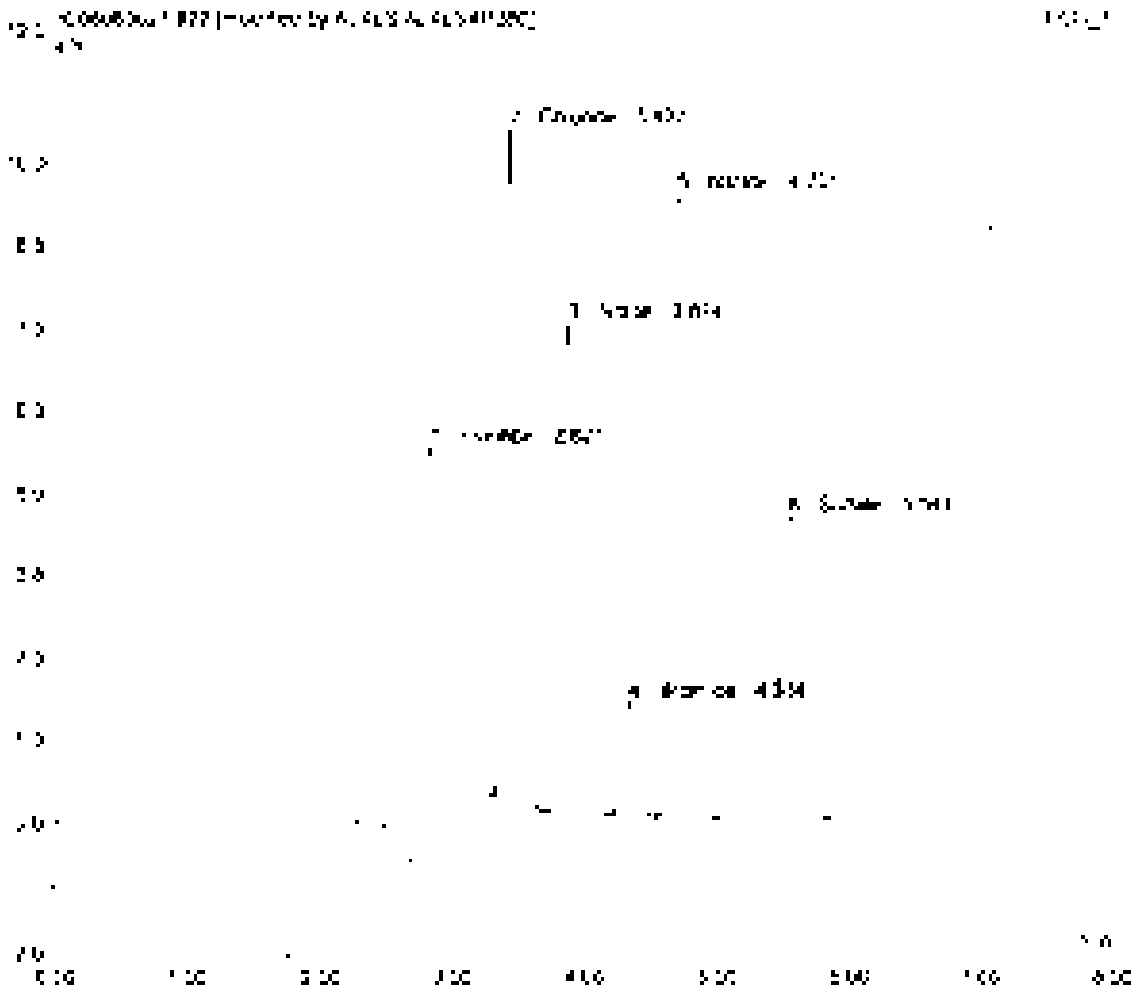
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



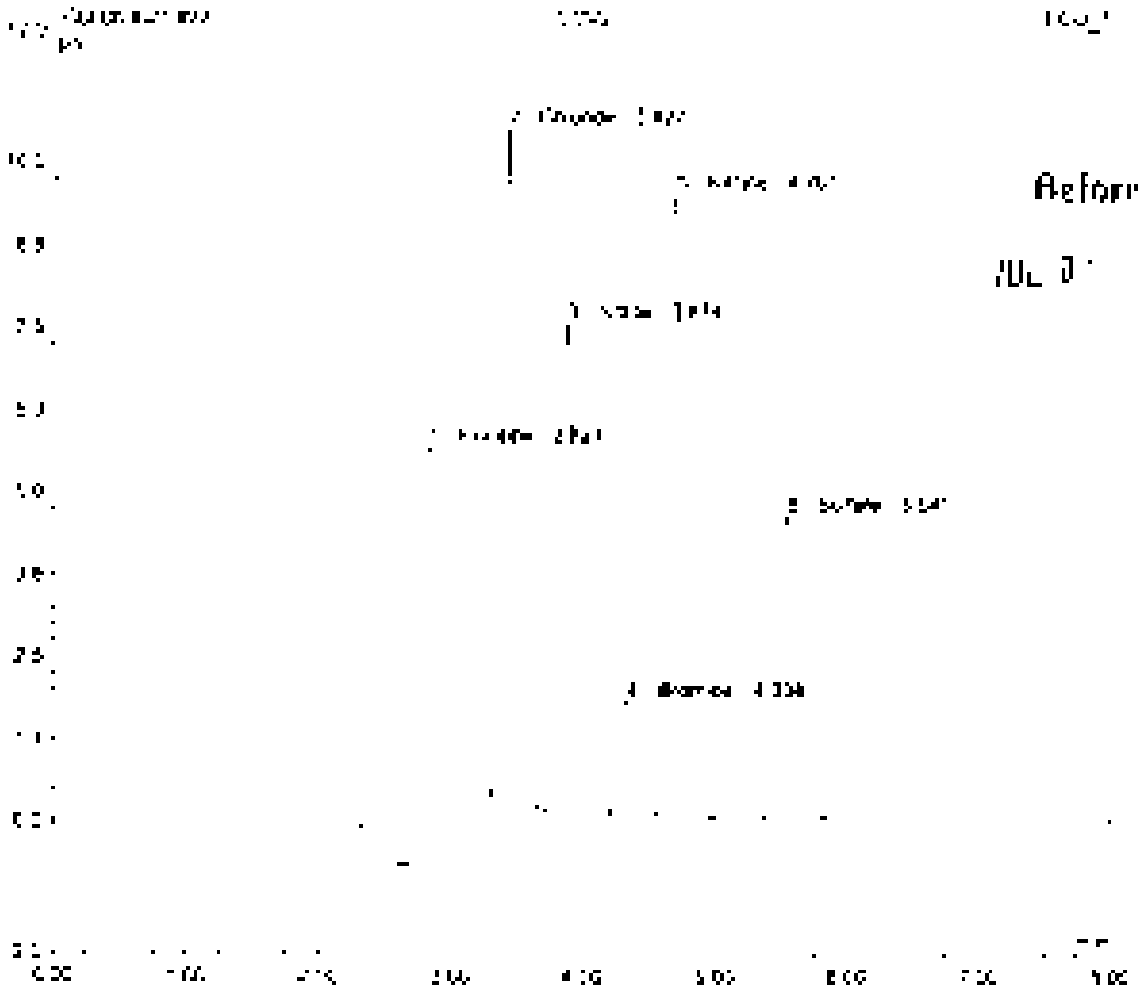
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time [illegible]	Peak Name	Type	Area [illegible]	Height [illegible]	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]			TOTAL	[illegible]	[illegible]	[illegible]



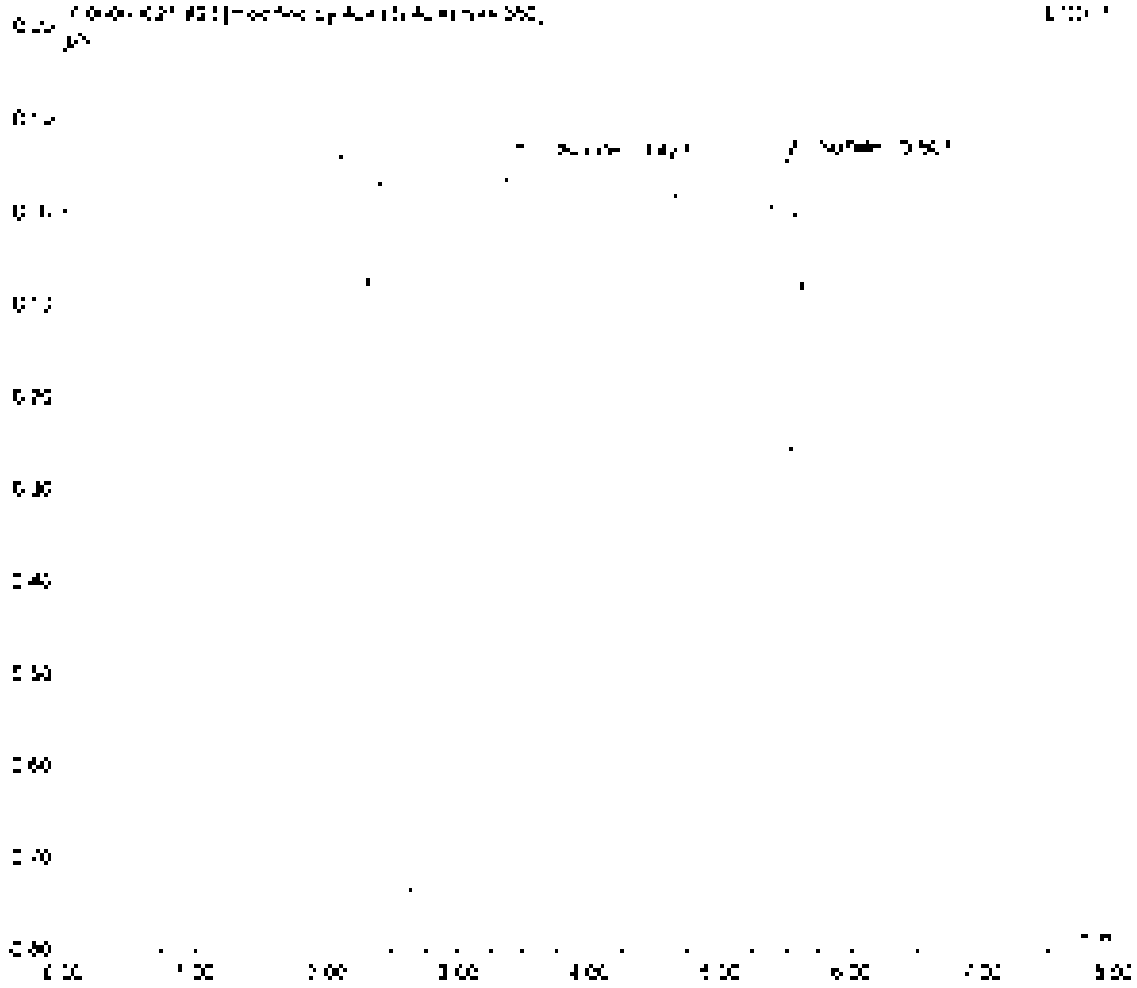
Sample Name	CCV1	Inj. Vol	20.0
Sample Type	Unknown	Dilution Factor	1.0000
Program	300_ic	Operator	n/a
Inj. Date/Time	2006/03/21 14:11	Run Time	8.00

No.	Ret. Time min	Peak Name	Type	Area µS/cm min	Height µS	Amount
1	[illegible]	[illegible]	BMB	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	BB	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	BB	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	BB	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	VBV	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	Valley	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



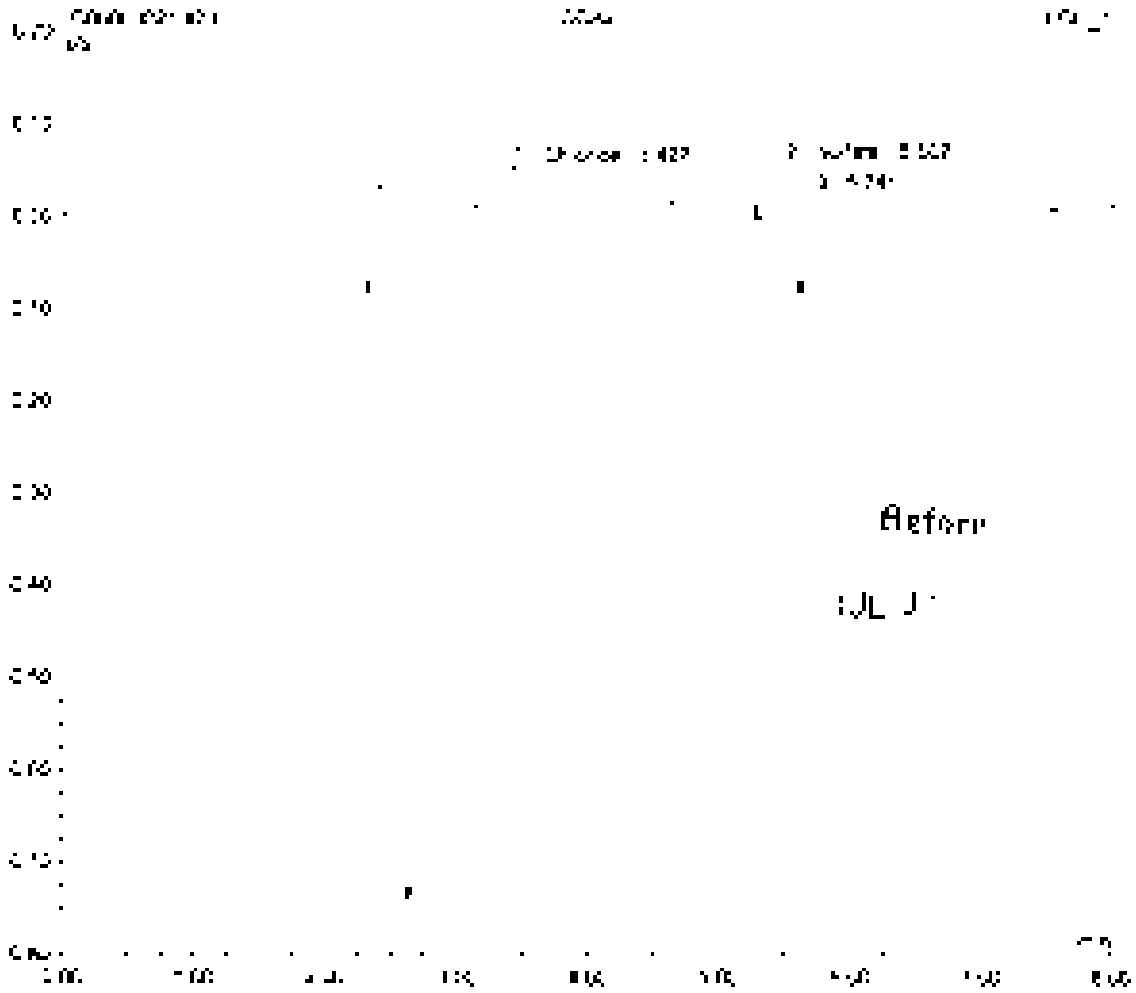
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	1.0000
Program	[illegible]	Operator	n.a.
Inj. Date-Time	[illegible]	Inj. Loop	[illegible]

No.	Time [min]	Peak Name	Type	Area [µS*min]	Height [µS]	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]


µS
[illegible]
[illegible]
[illegible]

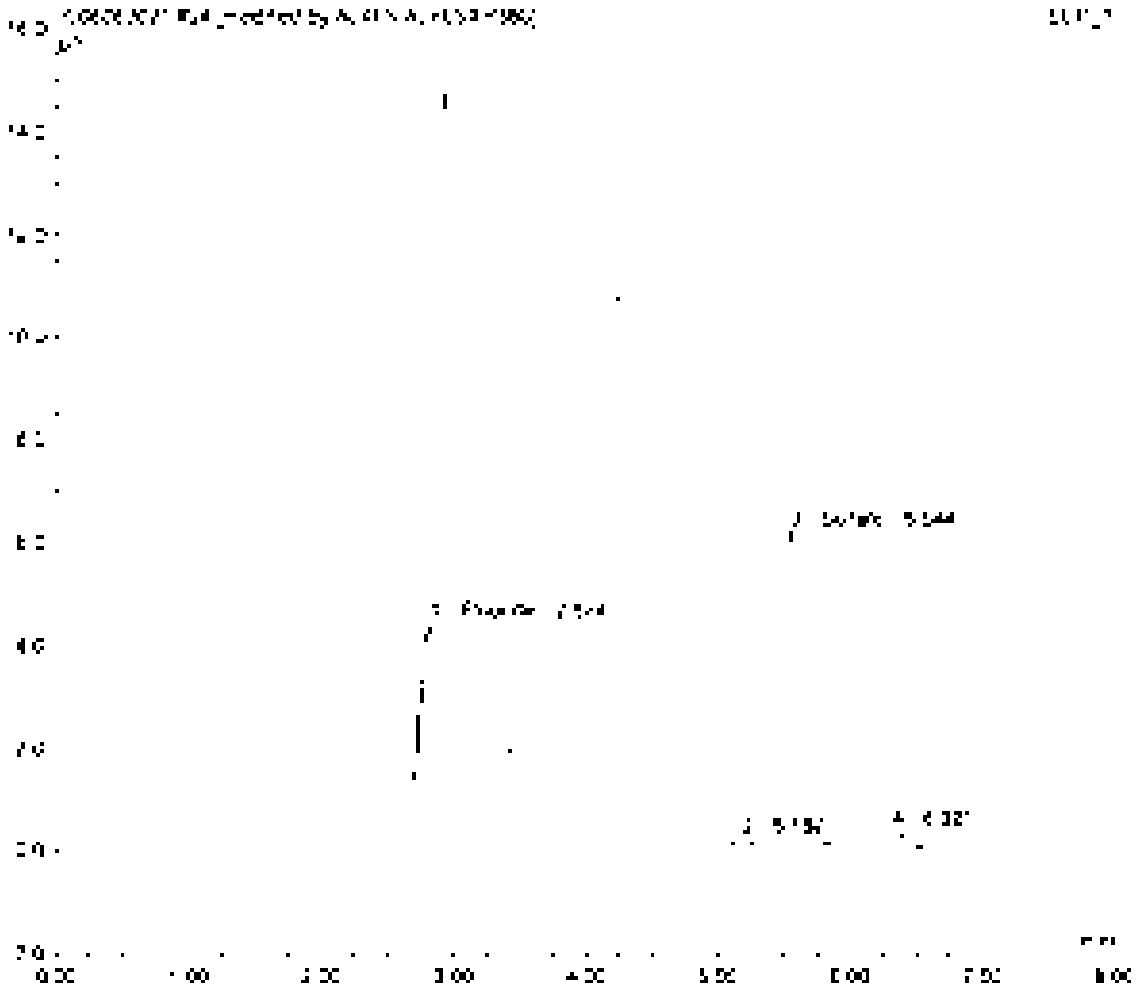
Sample Name	ICB2	Inj. Vol	25.0
Sample Type	unknown	Dilution Factor	1.0000
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
1	[illegible]	Chloride	BMB	[illegible]	[illegible]	[illegible]
2	[illegible]	Sulfate	BMB	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



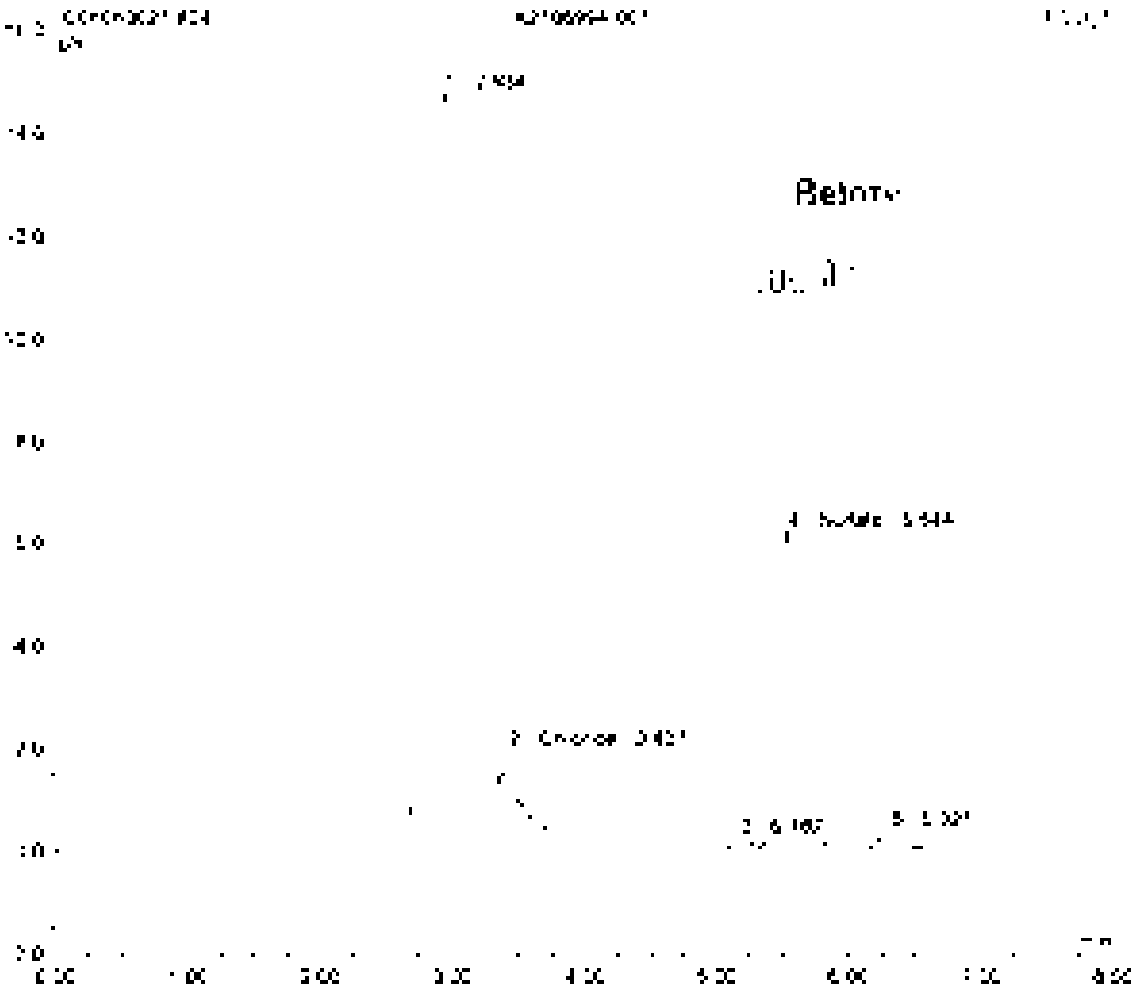
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]			TOTAL	[illegible]	[illegible]	[illegible]


[illegible]
[illegible]
[illegible]

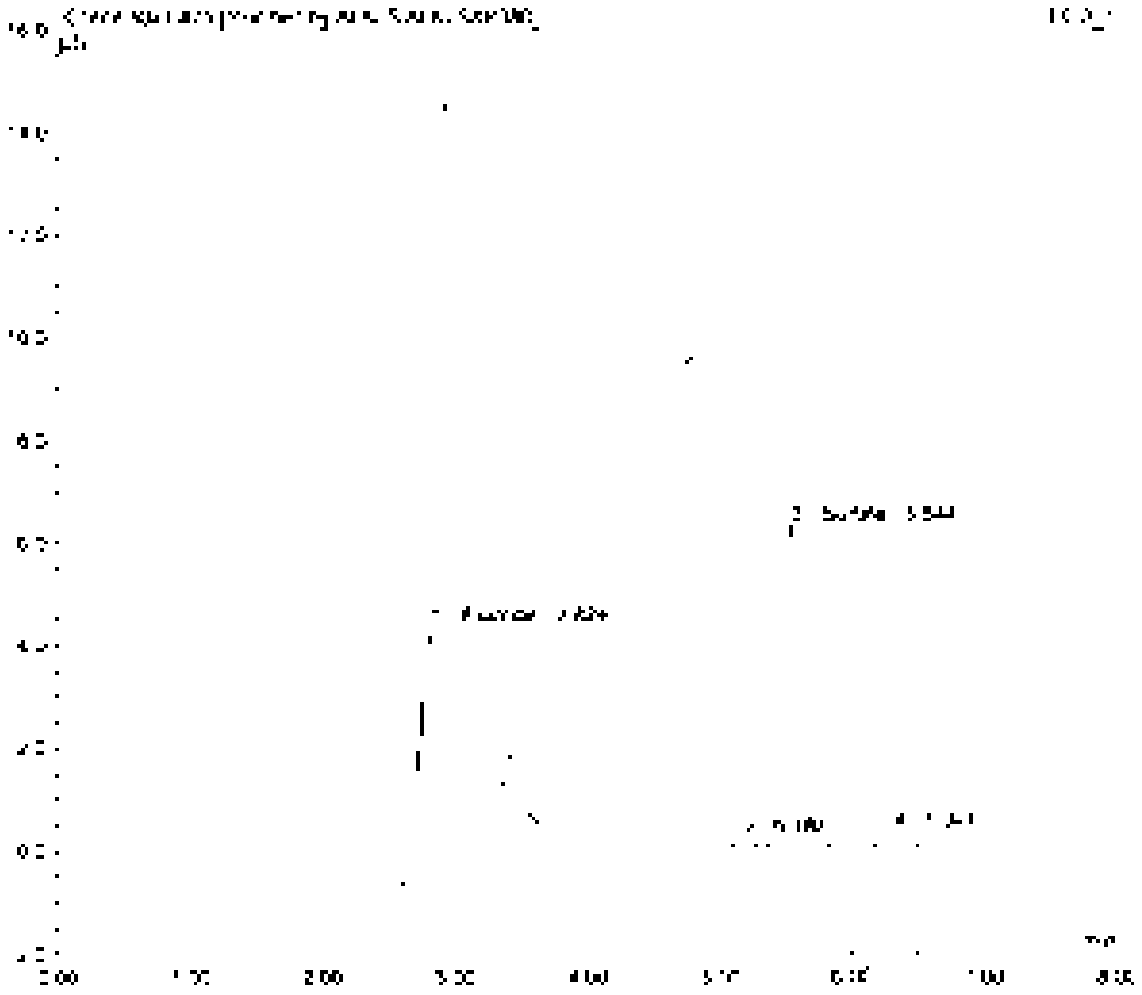
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
2	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



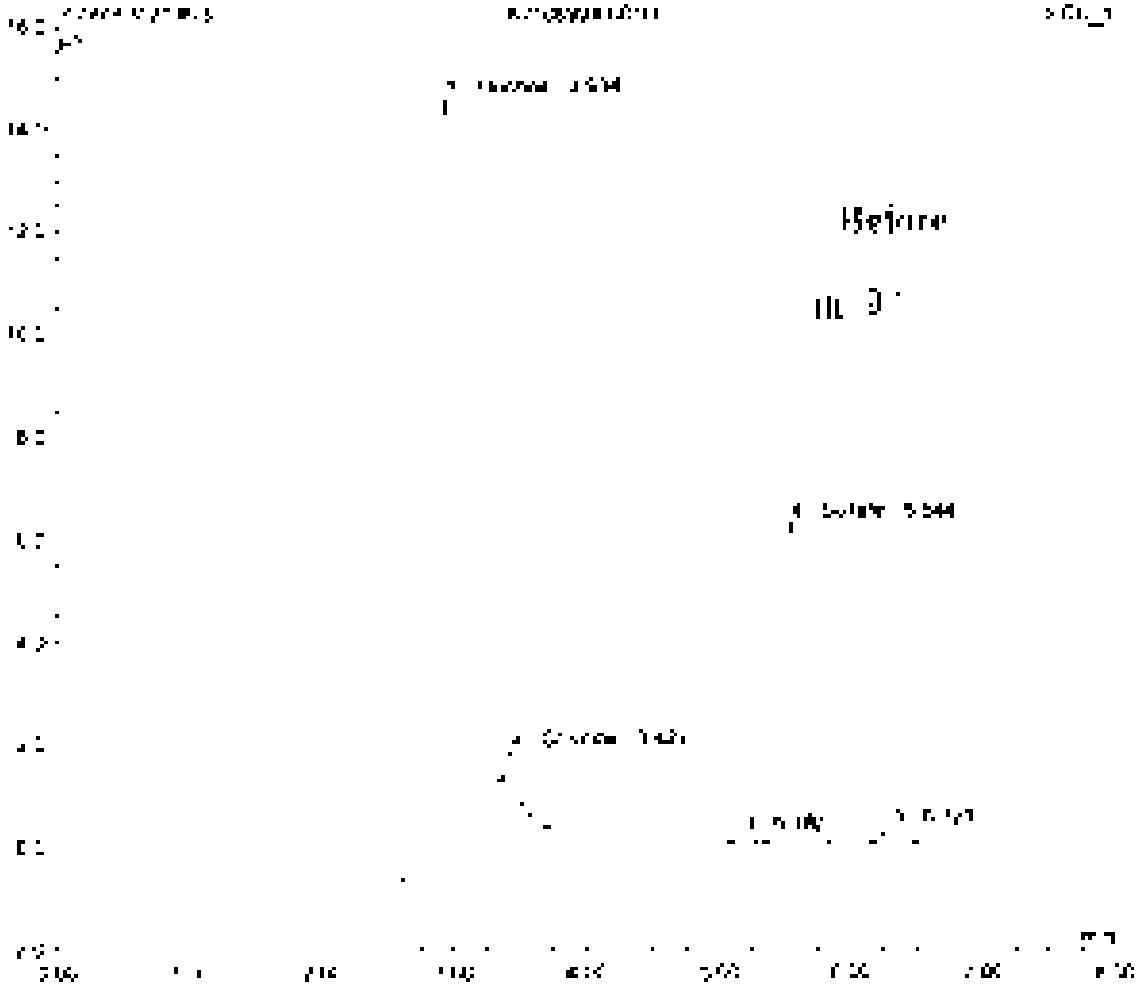
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/cm	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]


µS
[illegible]
[illegible]
[illegible]

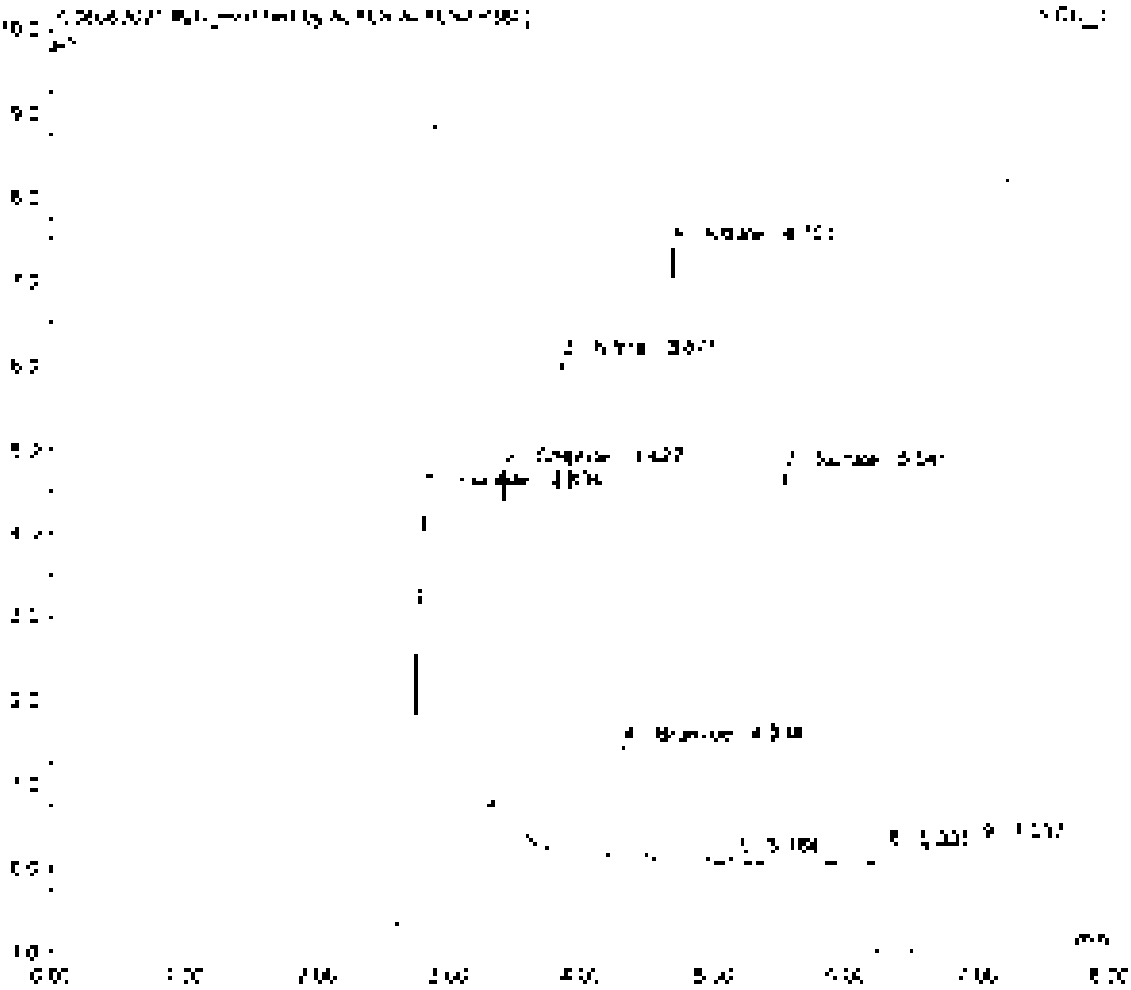
Sample Name	[illegible]	Inj Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	300, Dc	Operator	n.a.
Inj Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



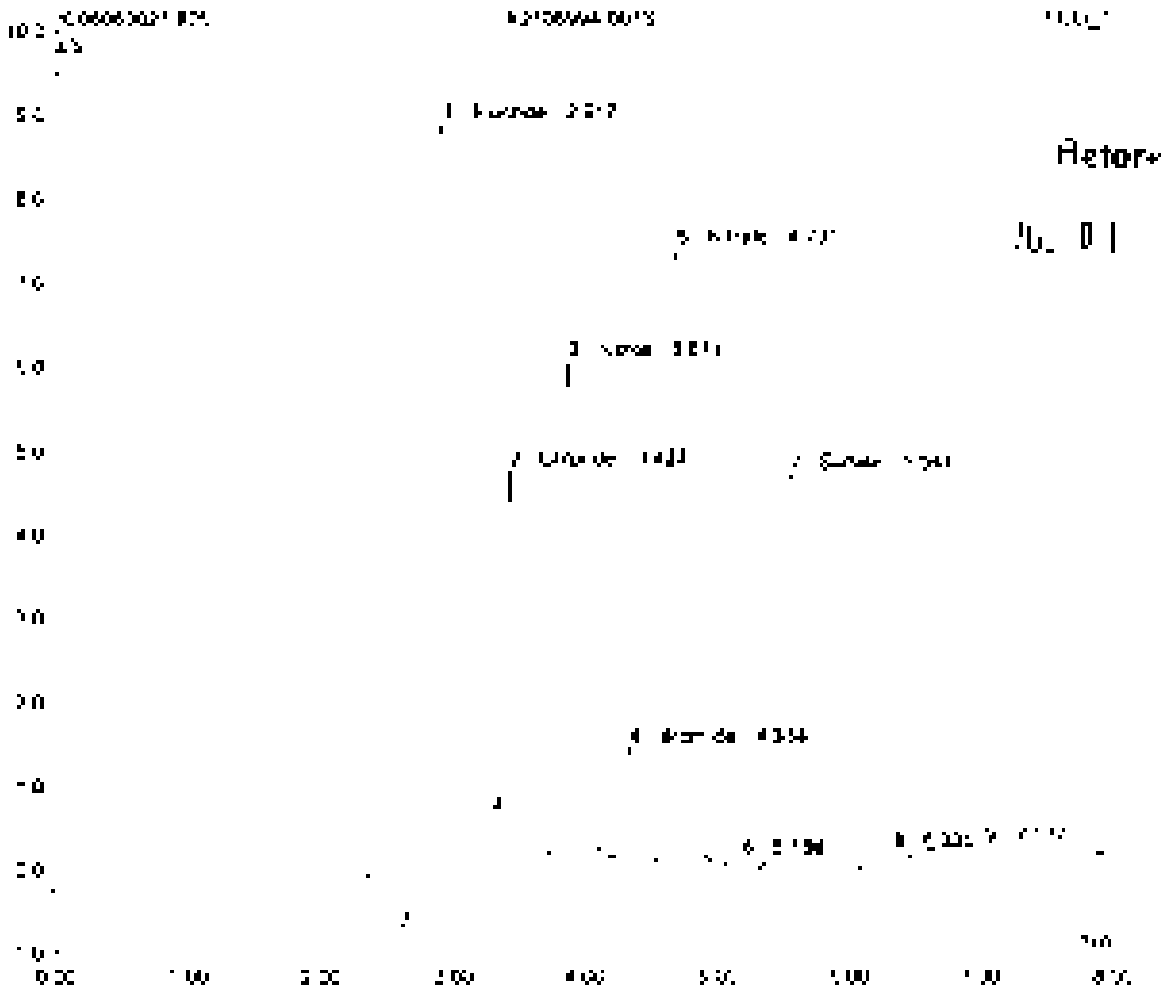
Sample Name	K[illegible]	Inj Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



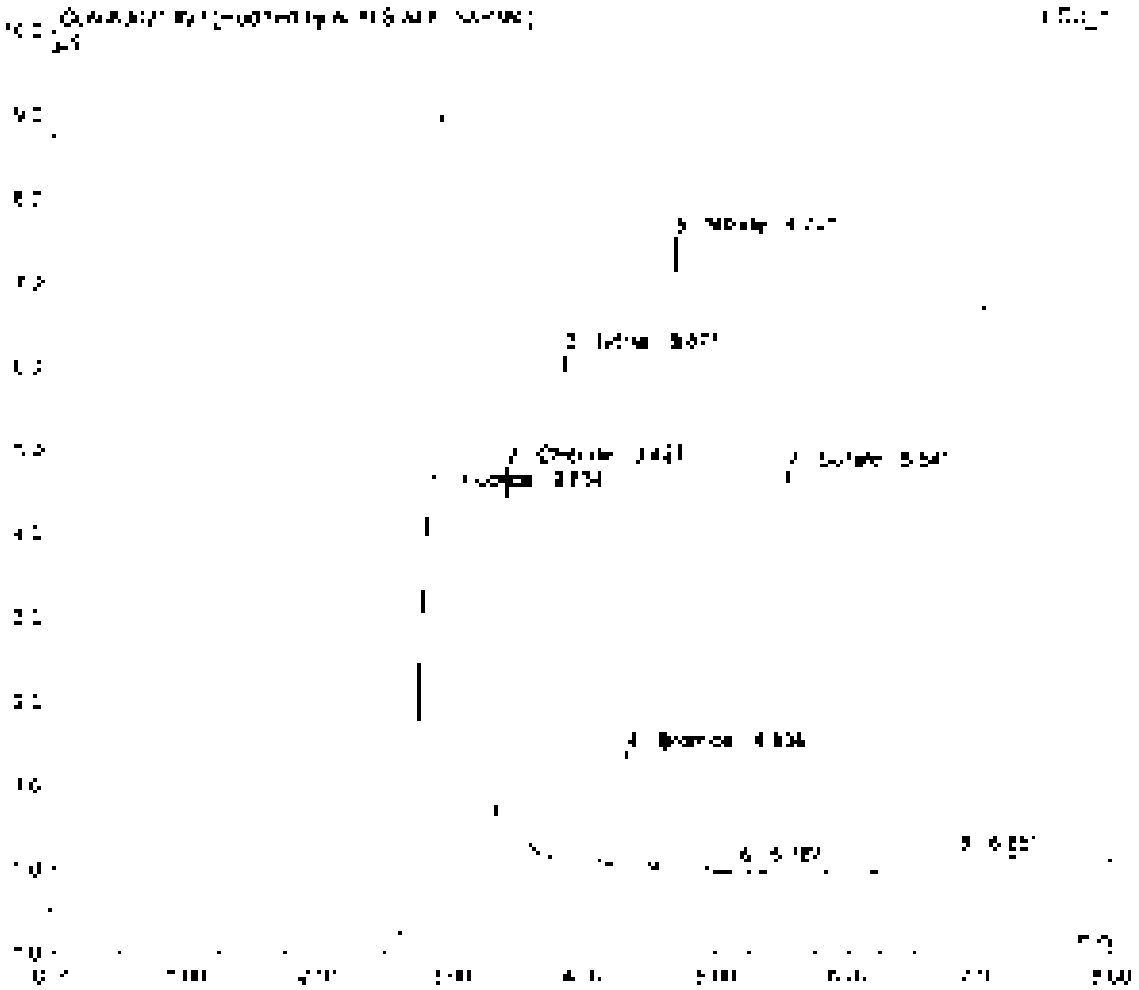
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date-Time	[illegible]	Sol. Conc.	[illegible]

No	Time min	Peak Name	Type	Area µS/cm	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]				[illegible]	[illegible]	[illegible]



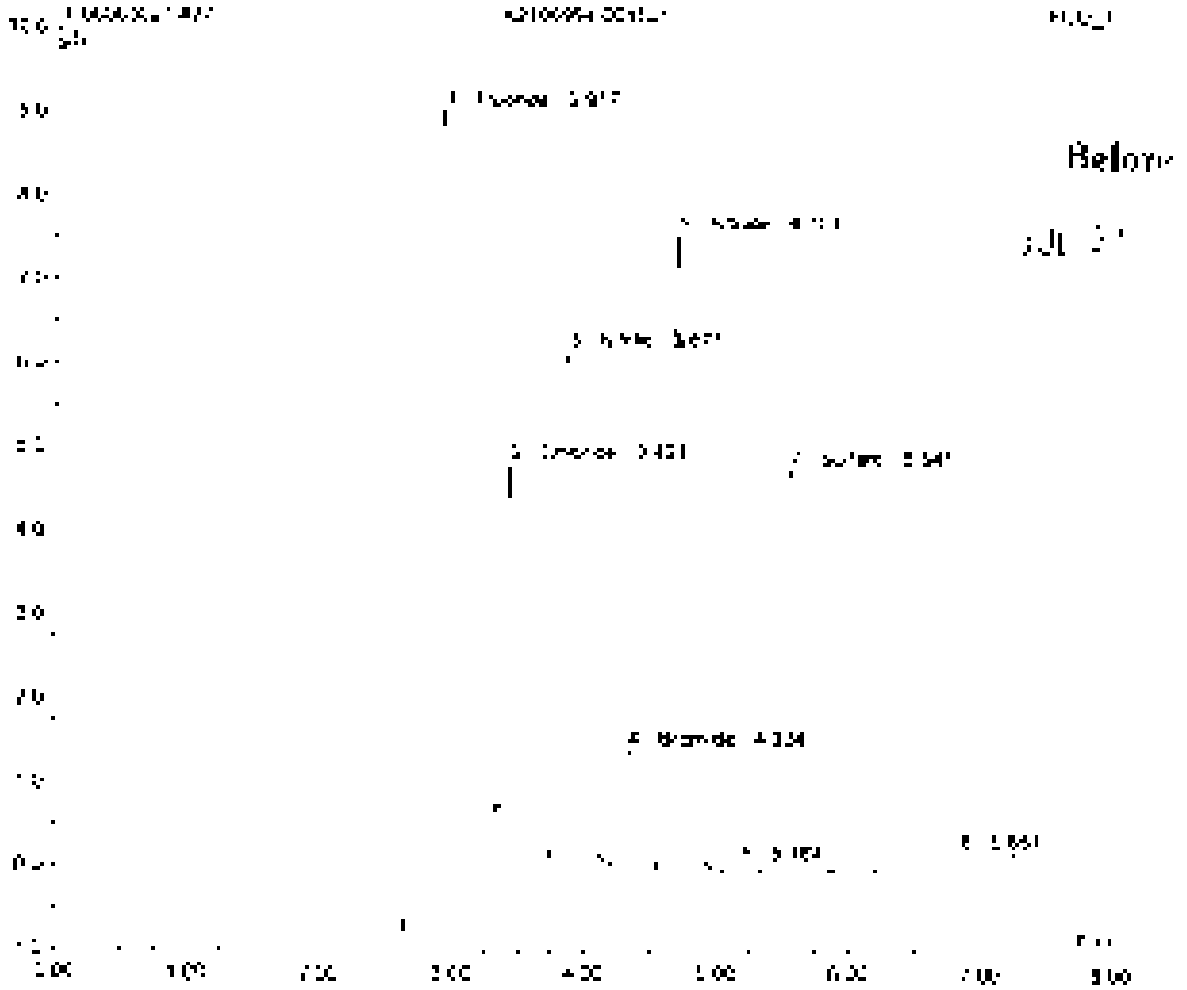
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n/a
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



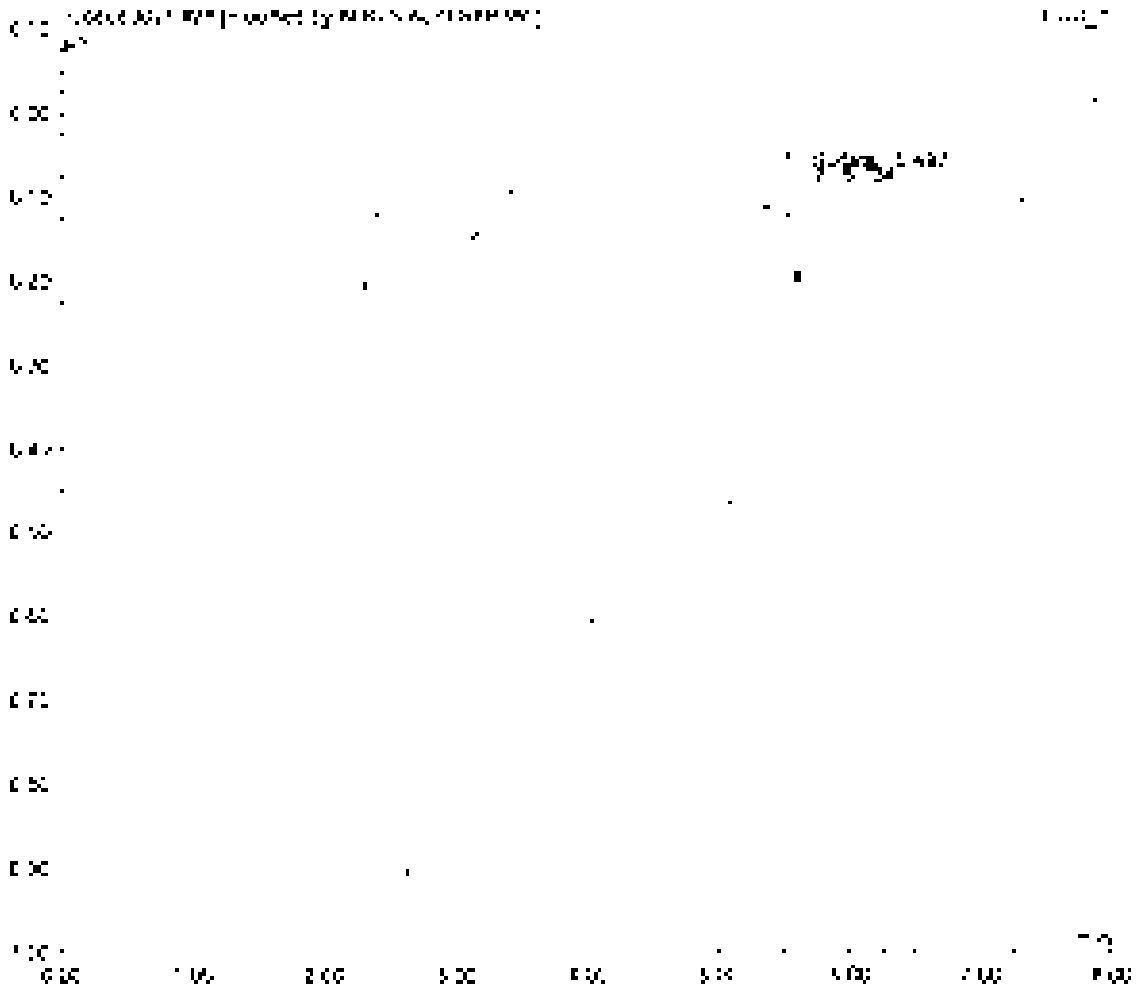
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Retention min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	BM	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	V	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	V	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	V	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	MB	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



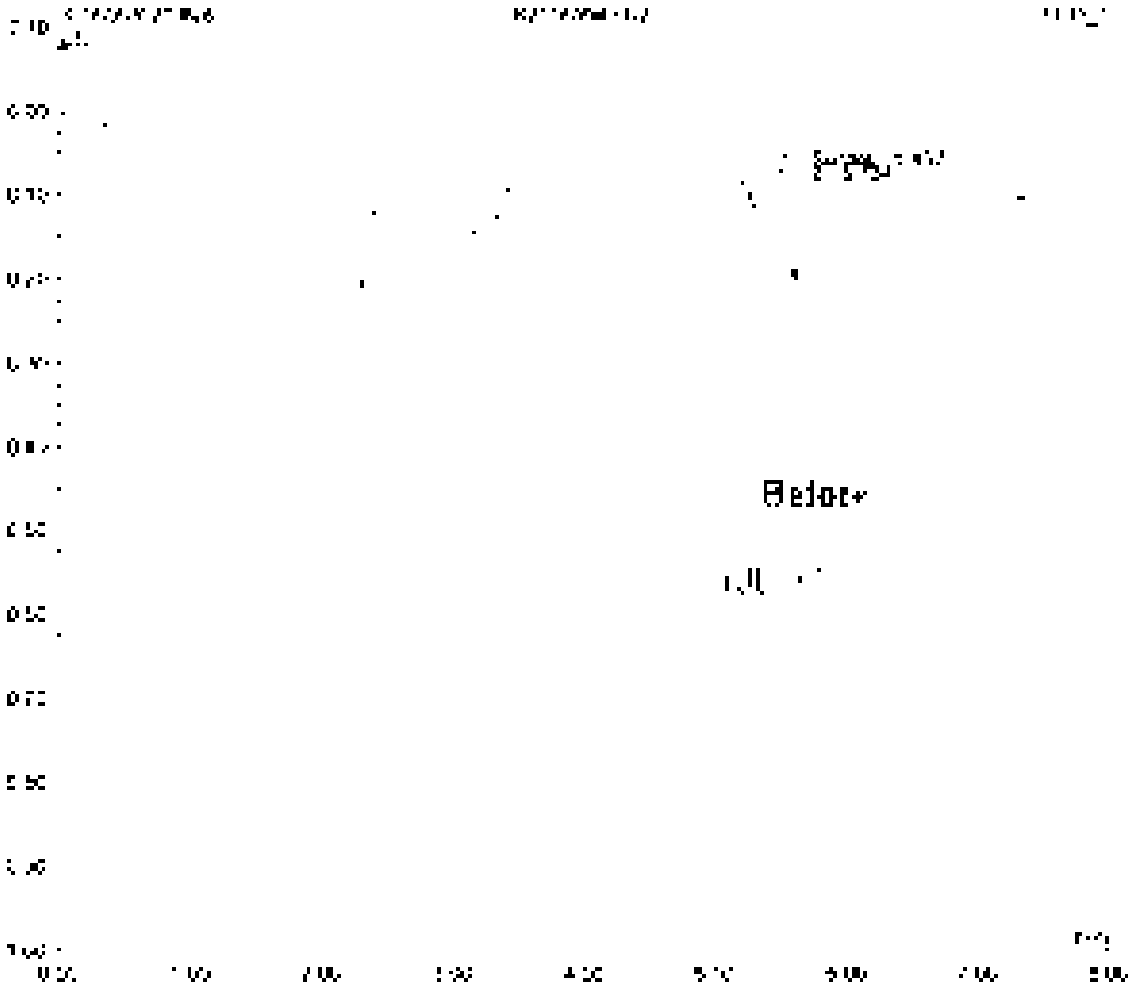
Sample Name	[illegible]	Inj. Vol	25.0
Sample Type	unknown	Dilution Factor	1.0000
Program	556 4c	Operator	n.a.
Inj. Date/Time	3/24/21 [illegible]	Run Time	8.00

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



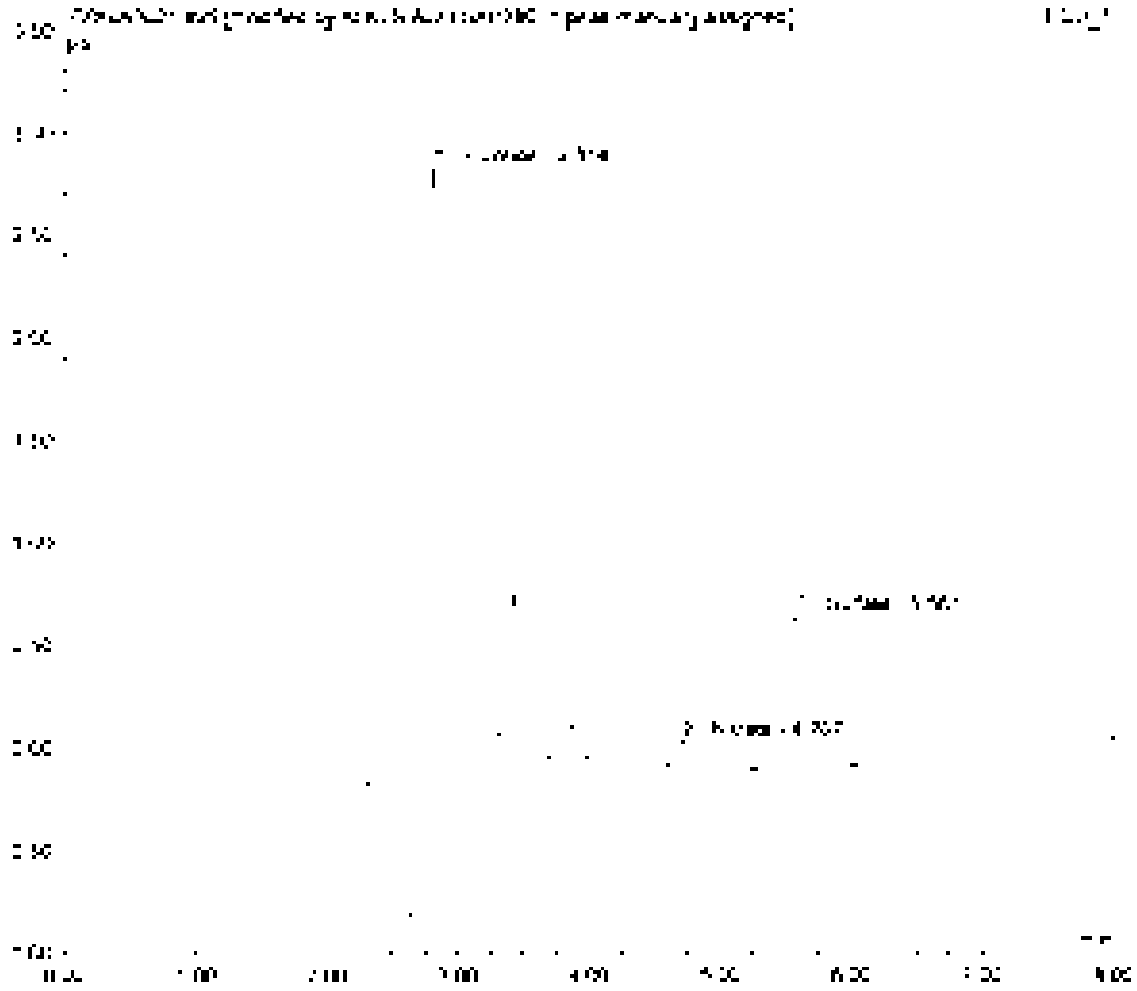
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	300_Dc	Operator	n/a
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		*TOTAL		[illegible]	[illegible]	[illegible]



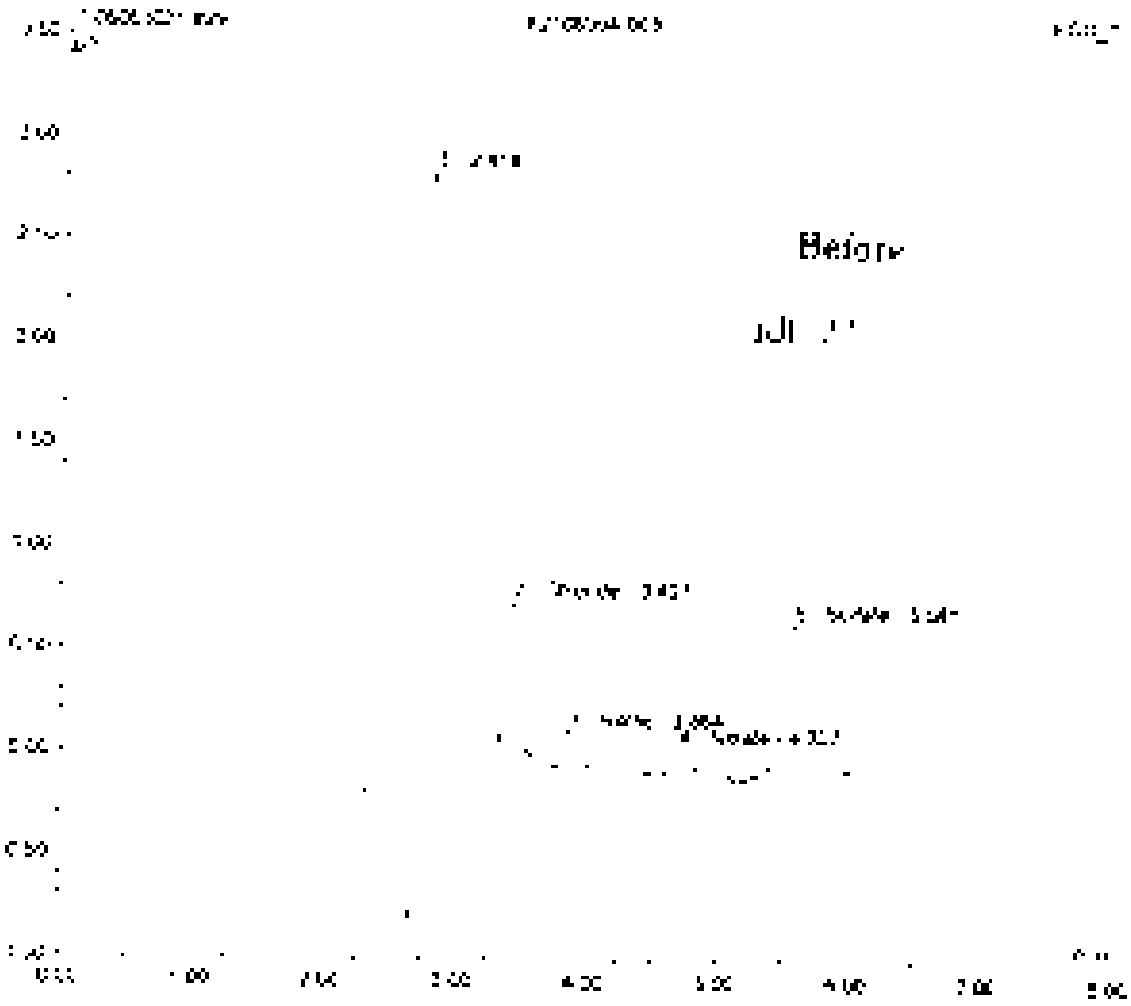
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Acq. Time	[illegible]

No	Time min	Peak Name	Type	Area µS/cm	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



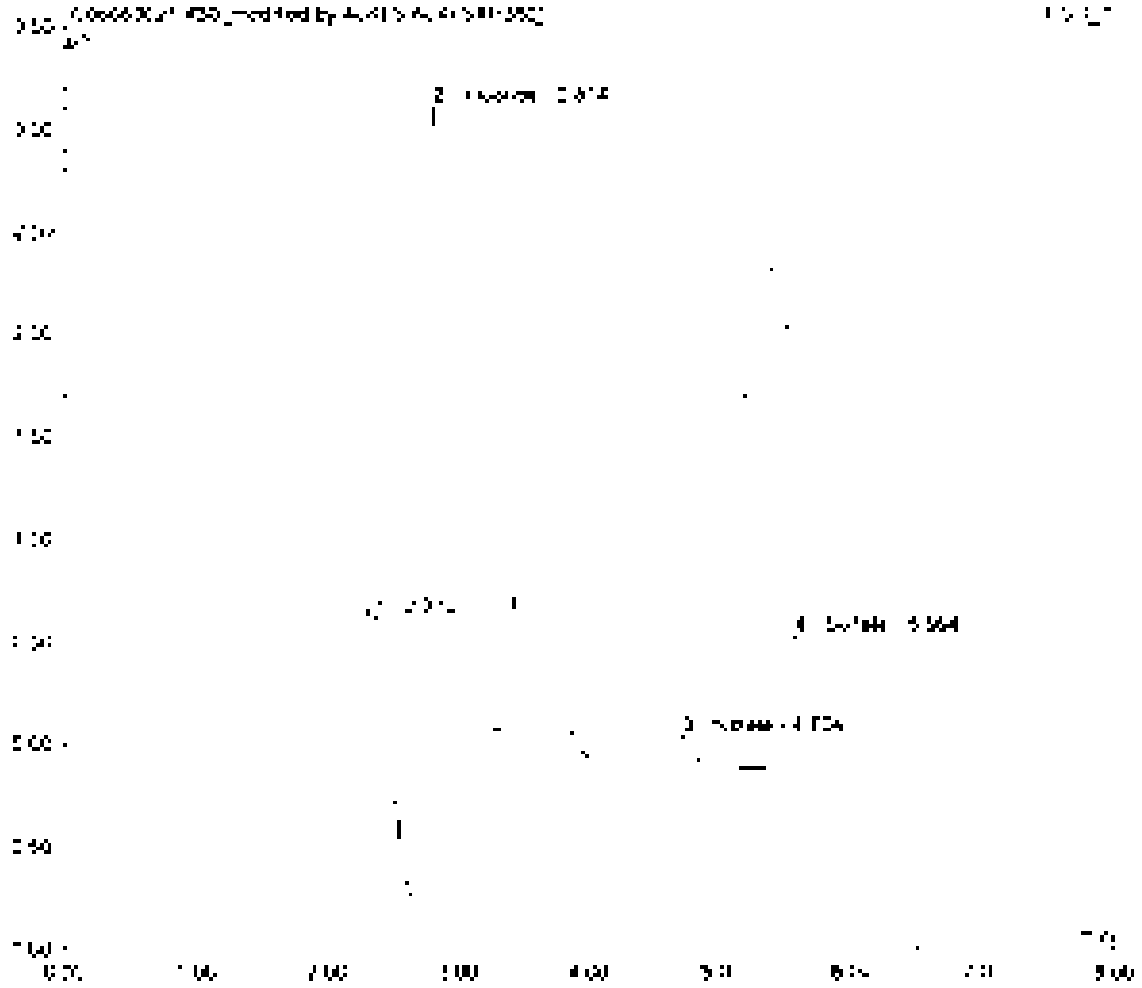
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



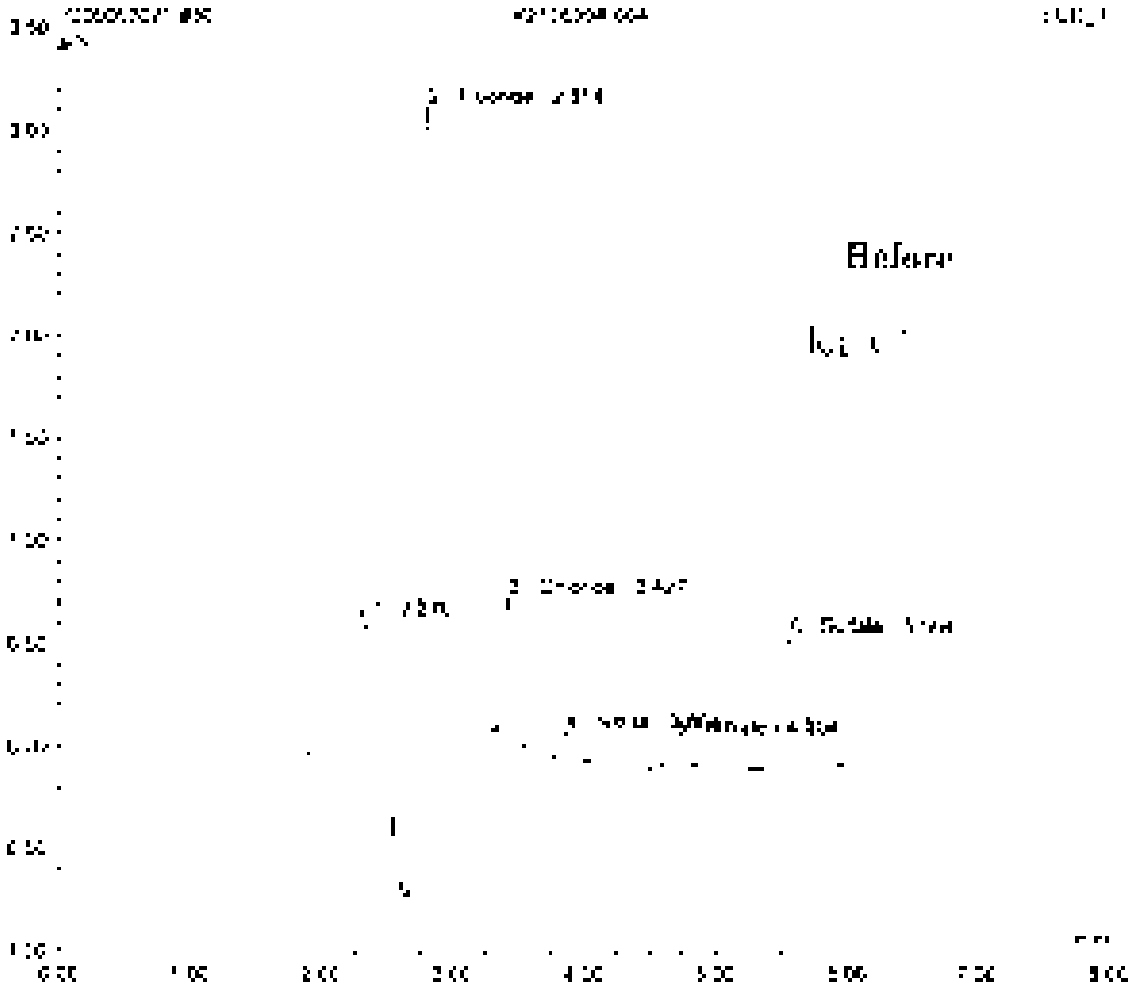
Sample Name	K31[illegible] 004	Inj. Vol	20.0
Sample Type	unknown	Dilution Factor	3.9999
Program	300_fx	Operator	[illegible]
Inj. Date/Time	3/[illegible]/21 10:36	Run Time	8.00

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



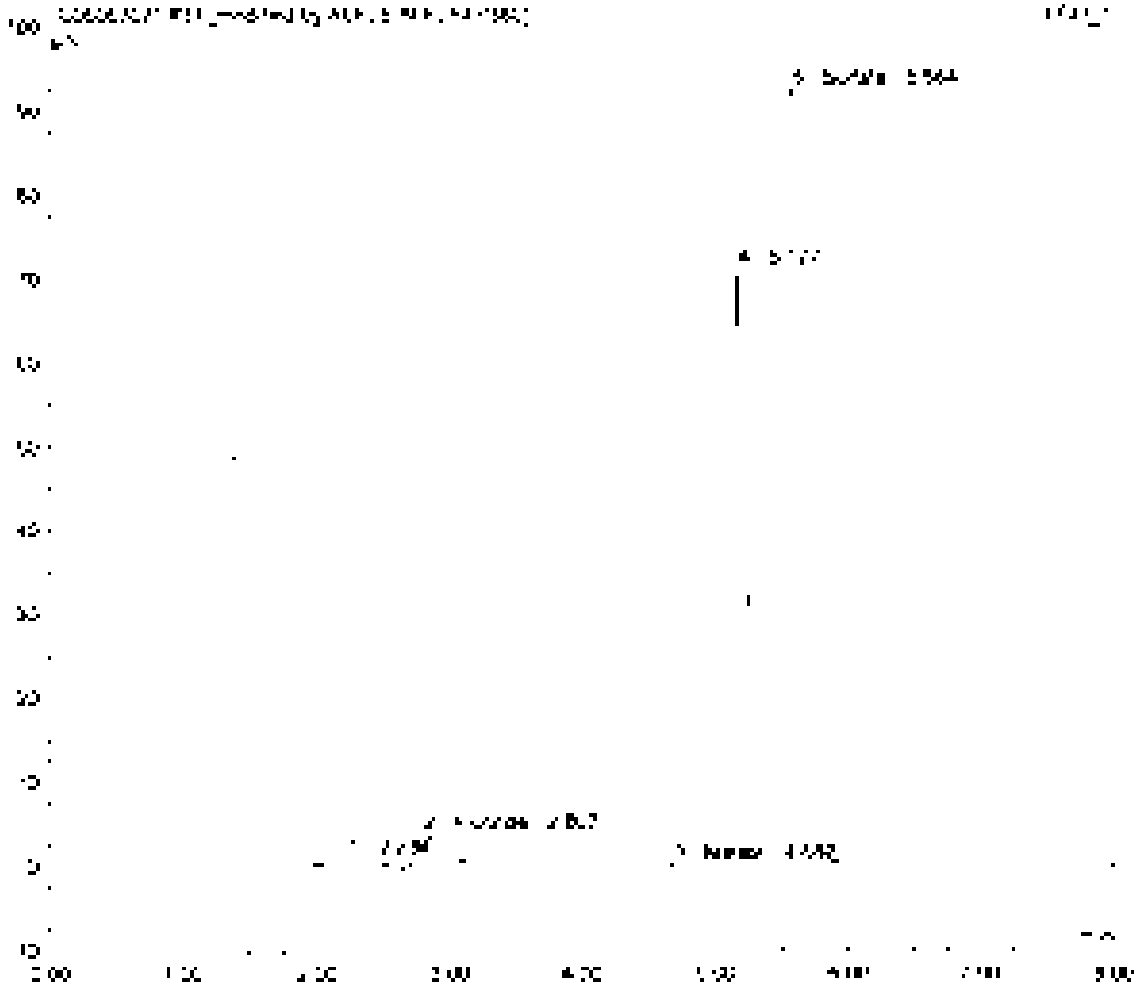
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	Unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

Slot	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total				[illegible]	[illegible]	[illegible]



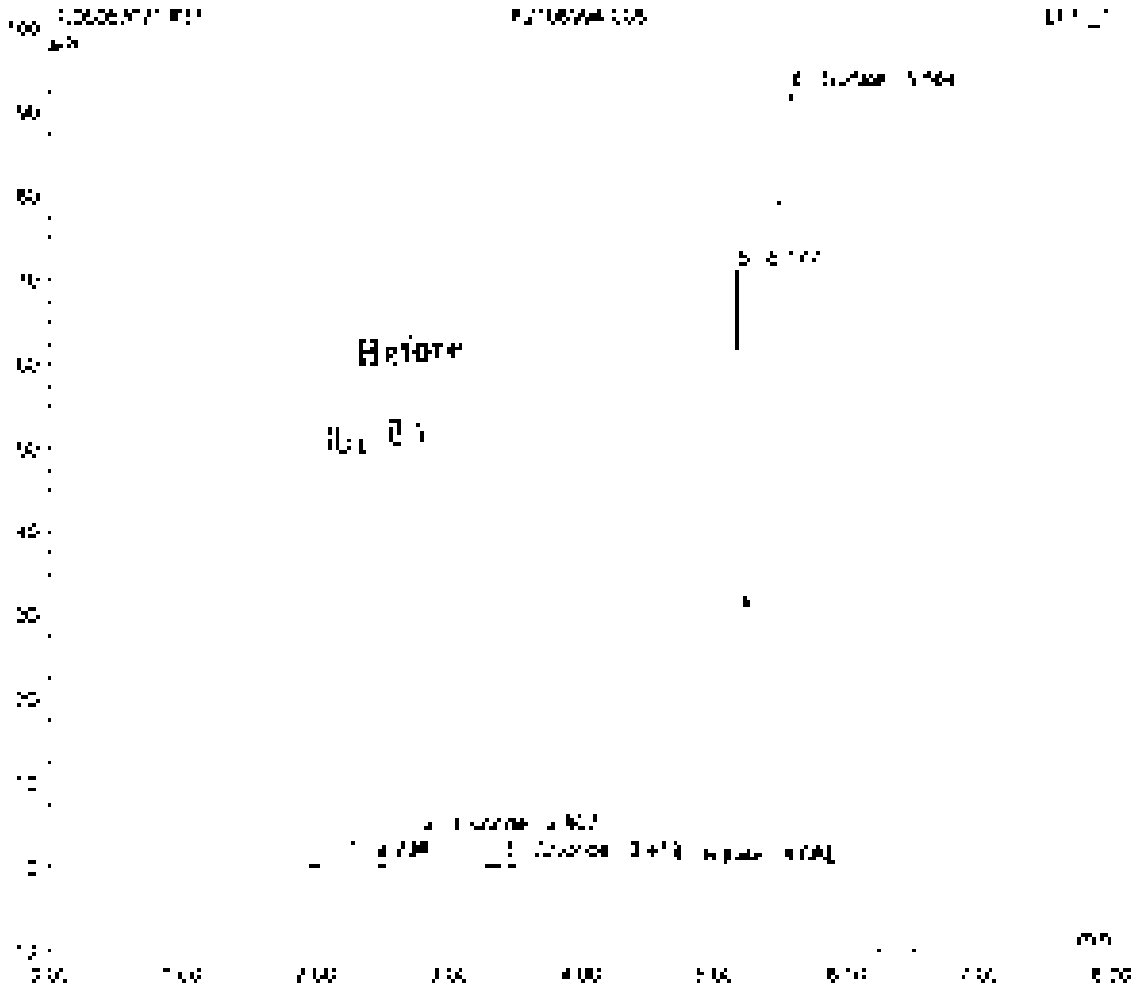
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	Unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



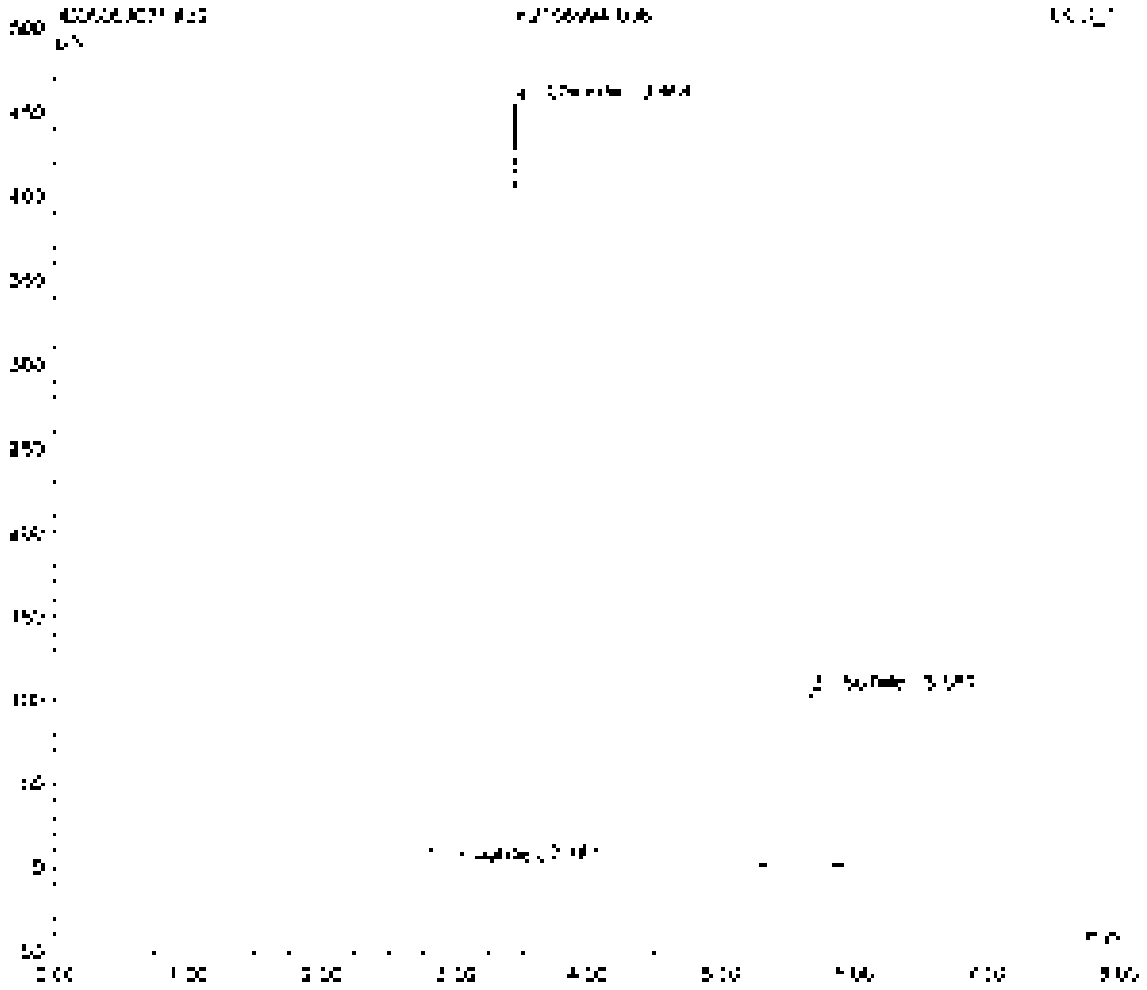
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



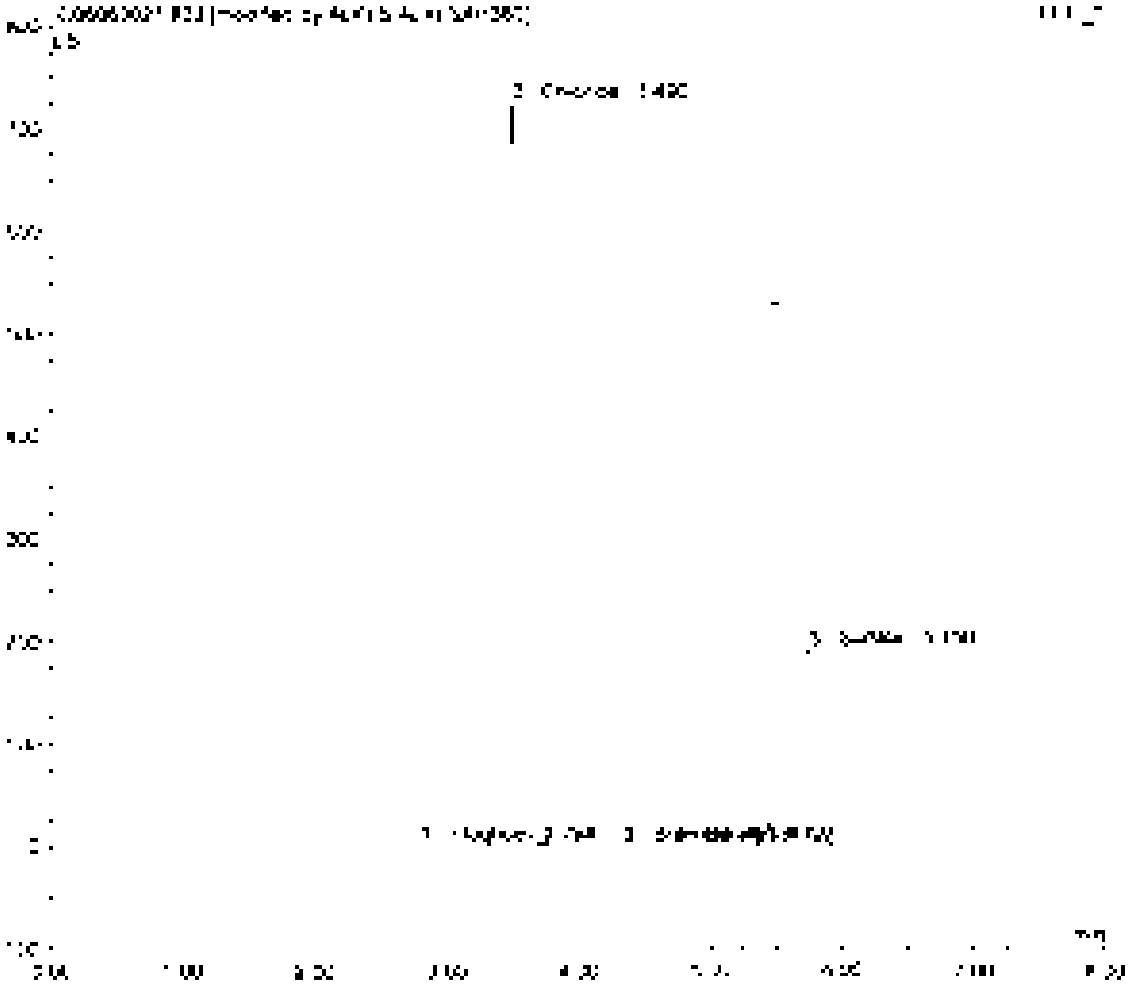
Sample Name	[illegible]	Vial No.	[illegible]
Sample Type	Unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time [illegible]	Peak Name	Type	Area [illegible]	Height [illegible]	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



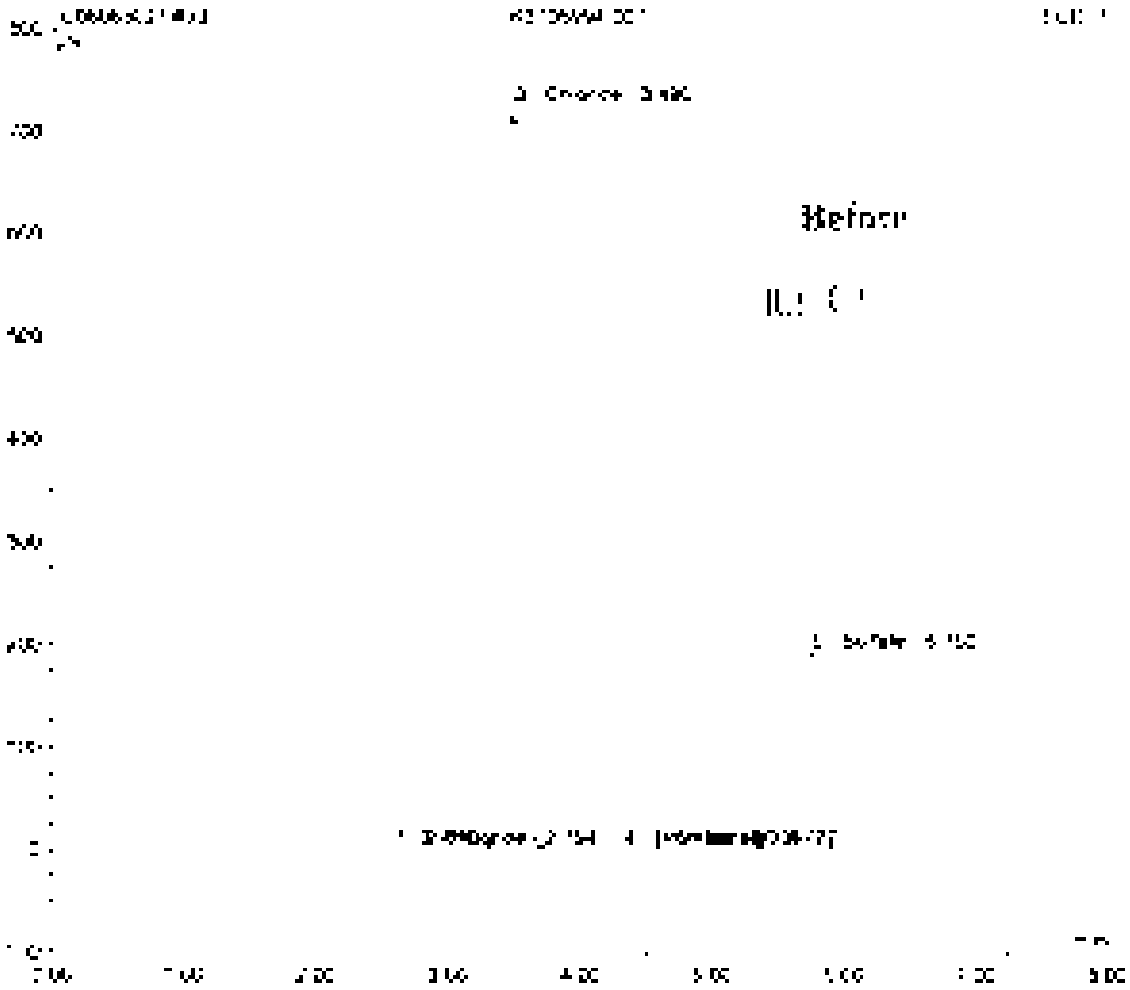
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	Unknown	Dilution Factor	[illegible]
Program	300_04	Operator	[illegible]
Inj. Date/Time	[illegible] 20:04	Run Time	[illegible]

No	Time [min]	Peak Name	Type	Area [µS*min]	Height [µS]	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	Chloride	BM	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	BM	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	BM	[illegible]	[illegible]	[illegible]
5	[illegible]	Sulfate	BMD	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]


[illegible]
2 Chloride 1.490
3 Sulfate [illegible]
[illegible]
[illegible]
[

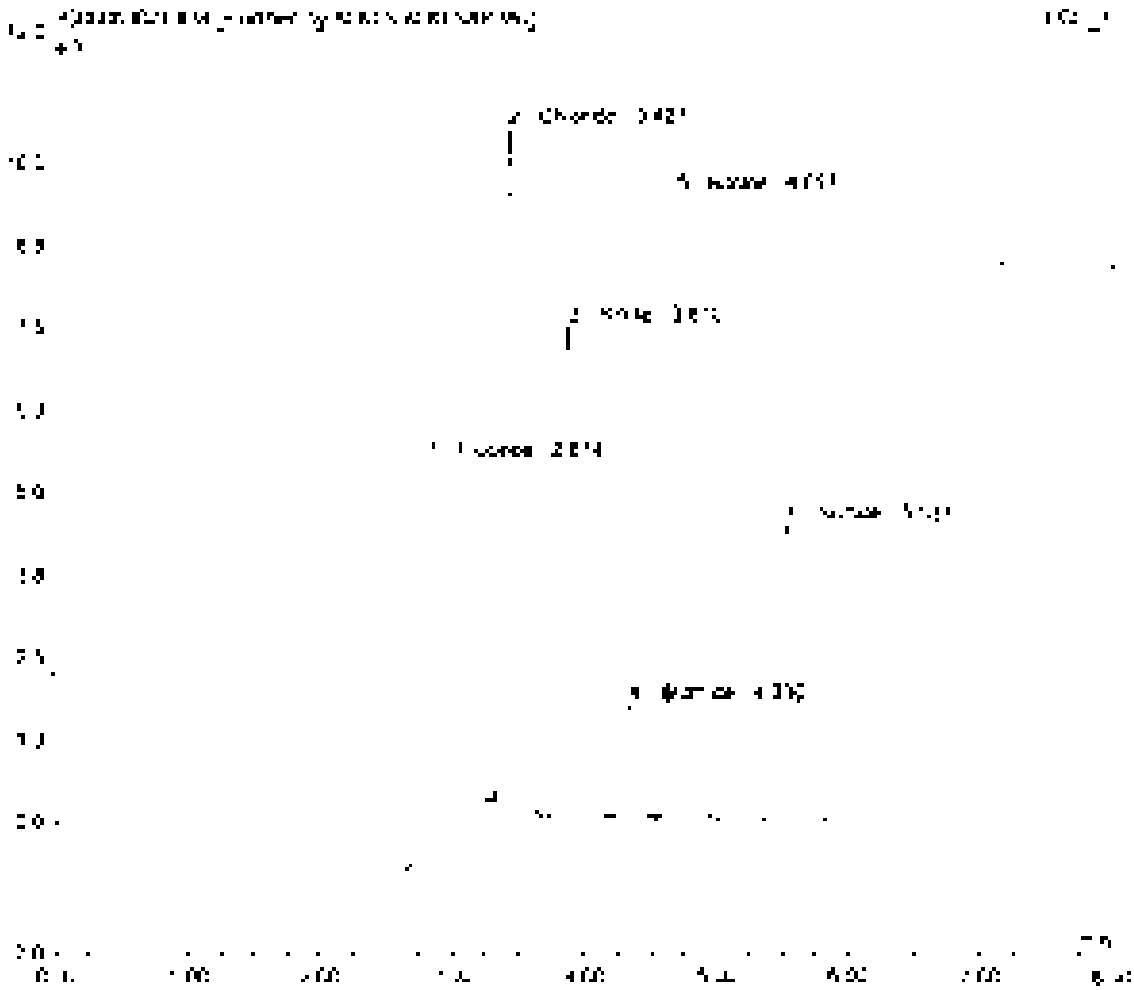
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



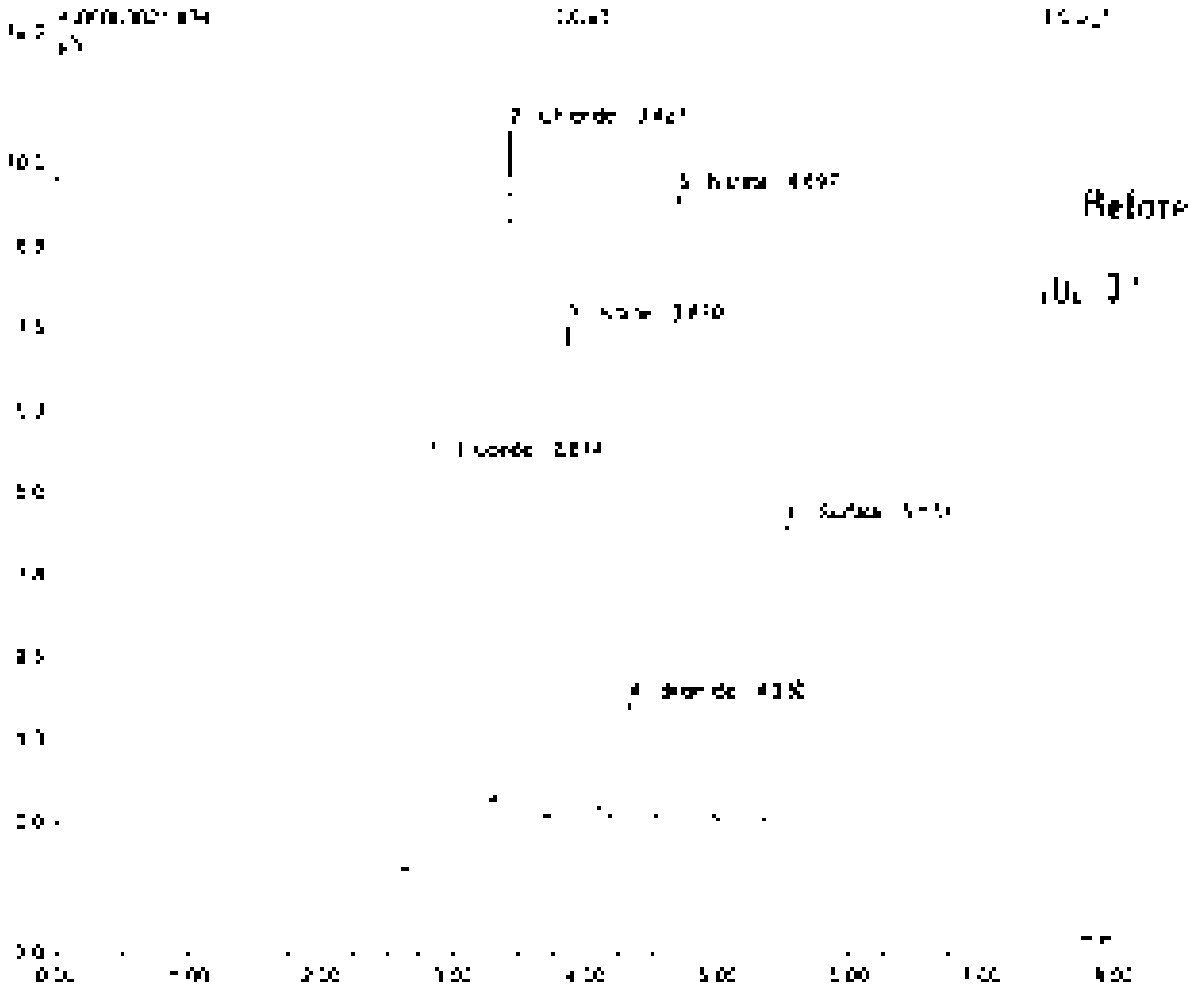
Sample Name	CCV3	Inj. Vol	200
Sample Type	unknown	Dilution Factor	1.0000
Program	300_fc	Operator	n/a
Inj. Date/Time	2020/07/ 20:41	Run Time	8.00

No	Time min	Peak Name	Type	Area µV*sec	Height µV	Amount
1	[illegible]	[illegible]	BMM1	[illegible]	[illegible]	[illegible]
2	[illegible]	Chlorpyr	BMM1	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	BM1	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	MD1	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	BMM	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



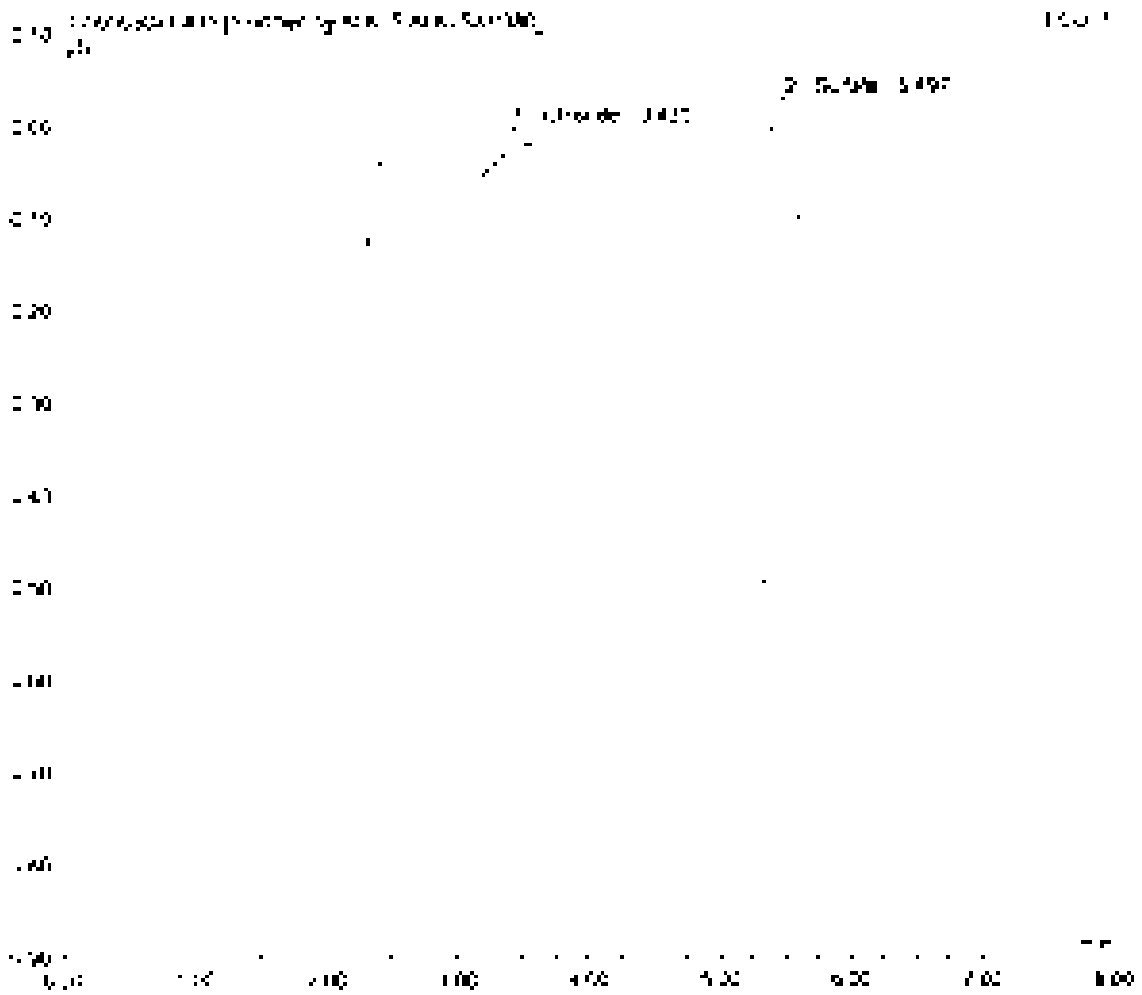
Sample Name	[illegible]	Inj Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj Date/Time	[illegible]	Inst Time	[illegible]

No	Time min	Peak Name	Type	Area µS/cm	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



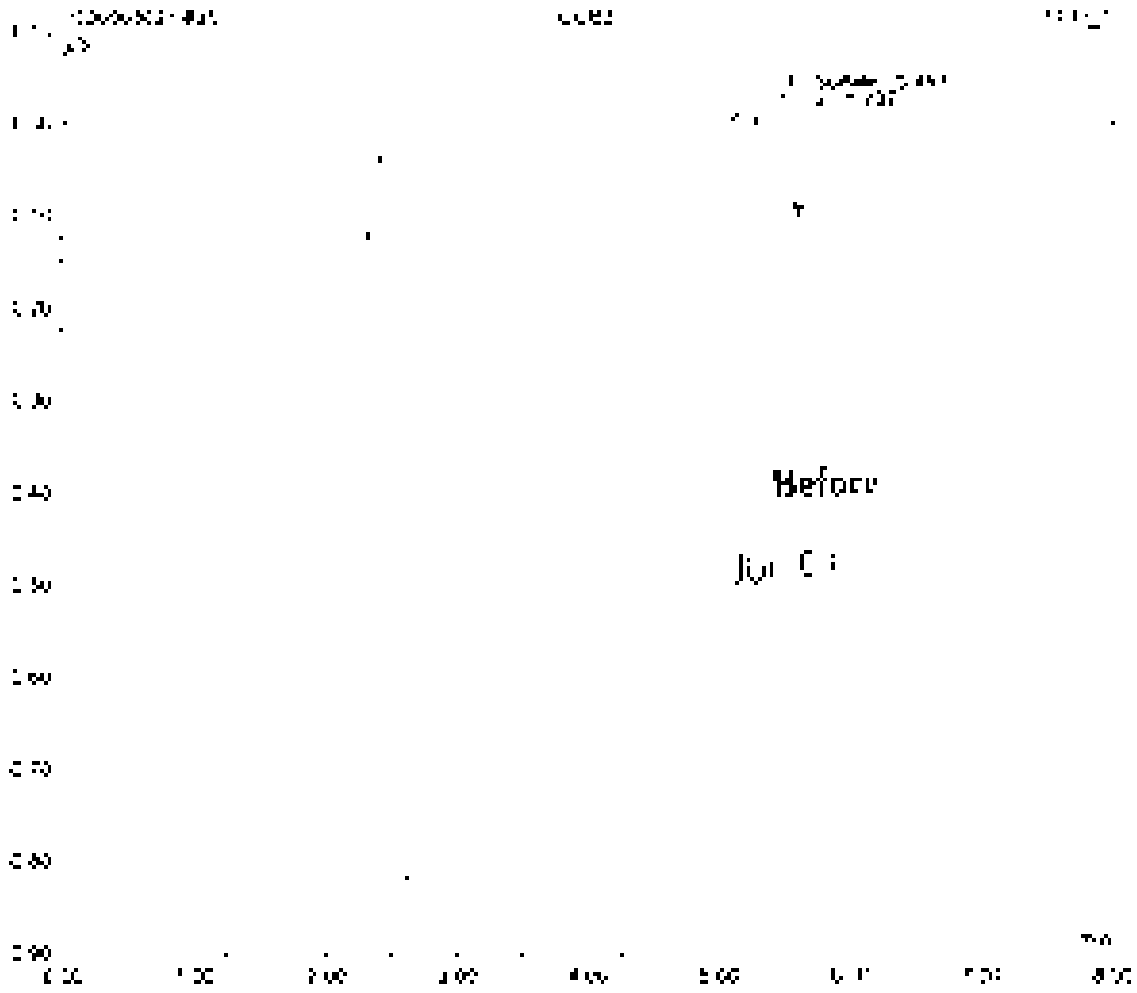
Sample Name	CCB4	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	1.0000
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



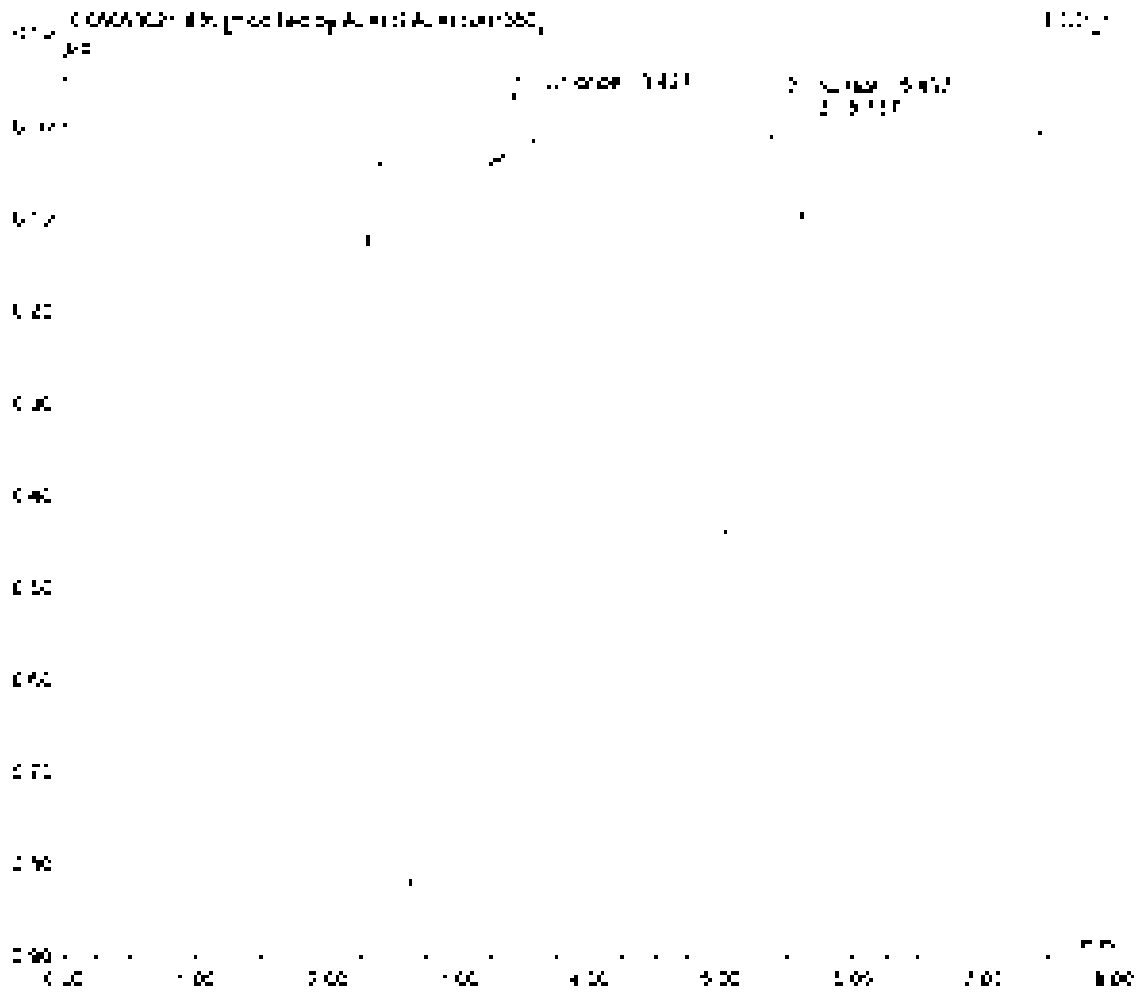
Sample Name	[illegible]	Inj. No	[illegible]
Sample Type	[illegible]	Dilution Factor	1.0000
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]		[illegible]	[illegible]	[illegible]



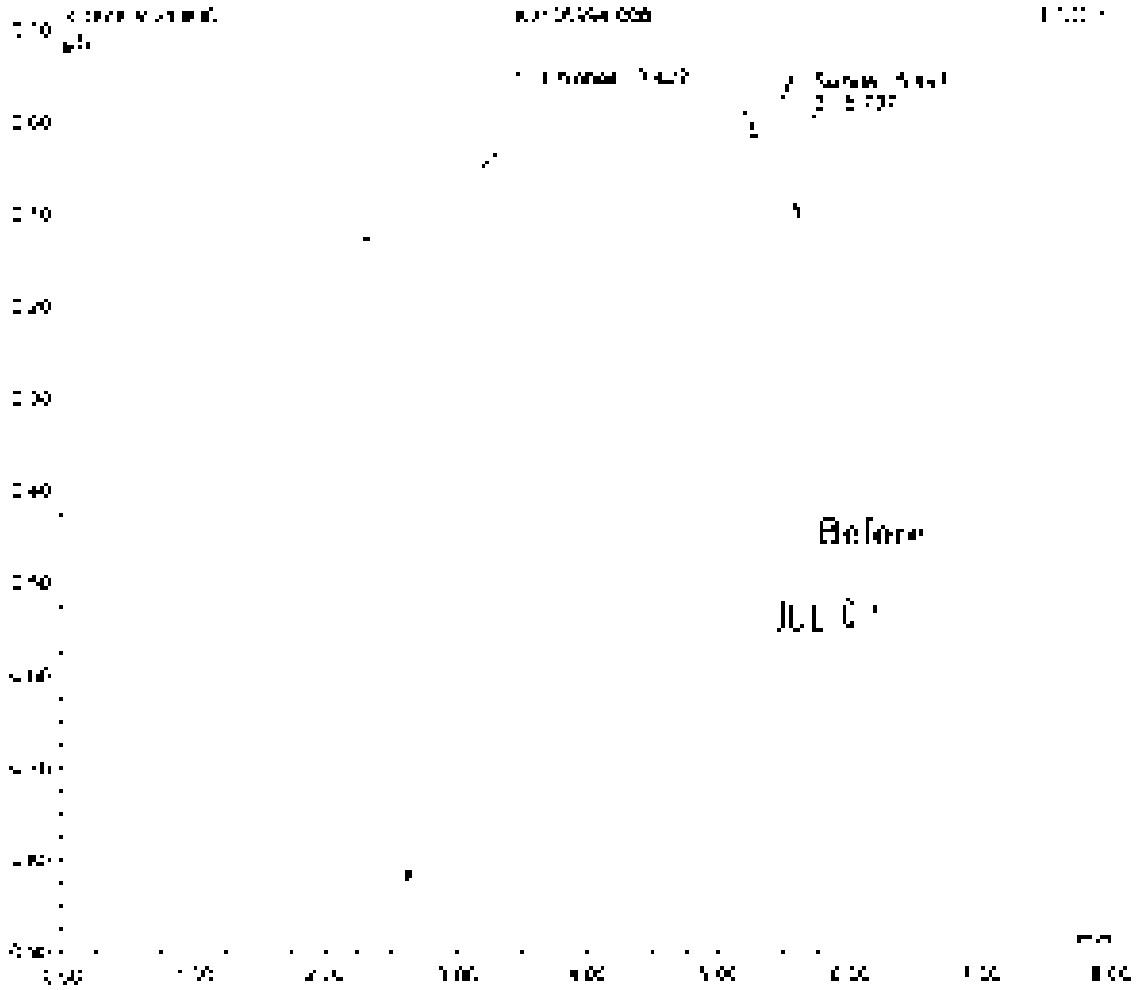
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



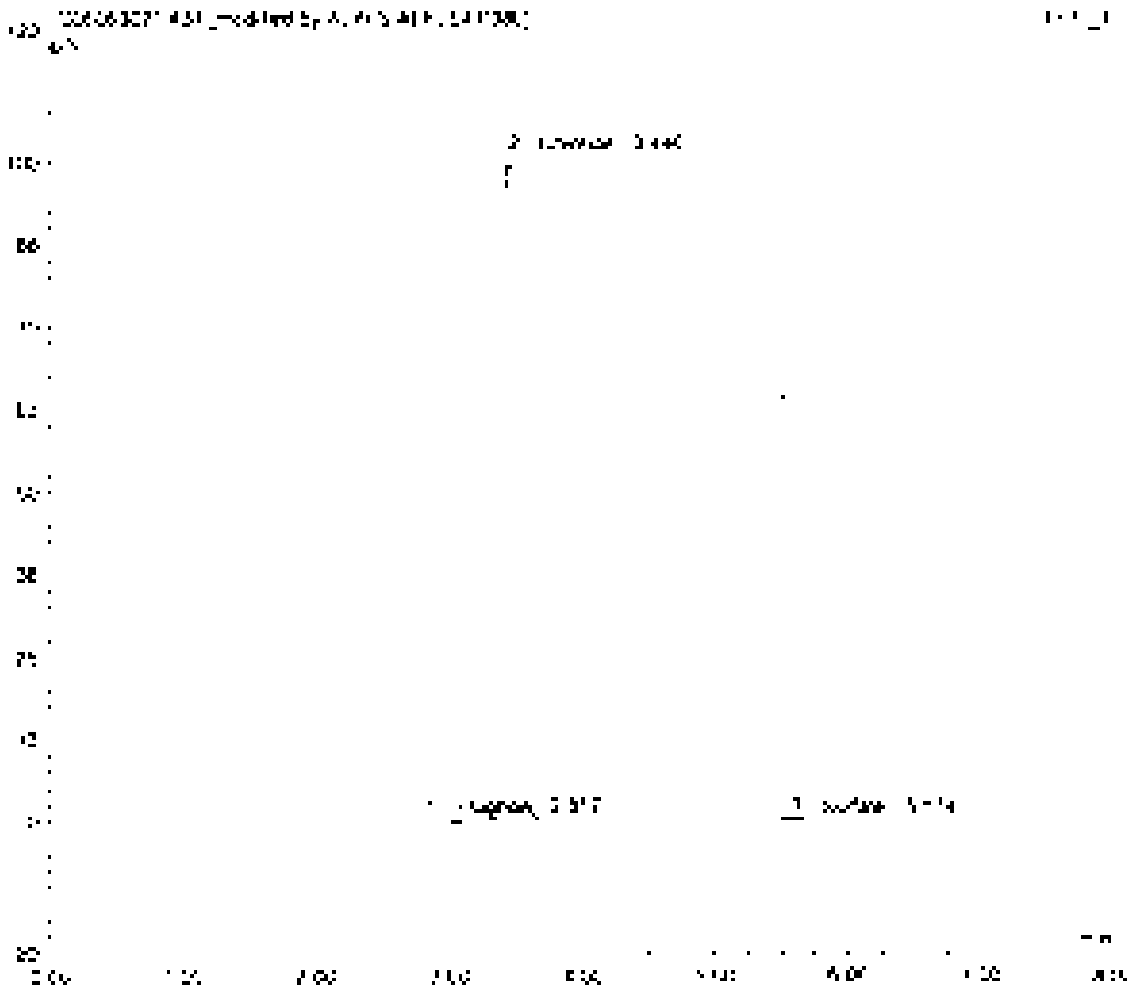
Sample Name	[illegible]	Injection Volume	[illegible]
Sample Type	Unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



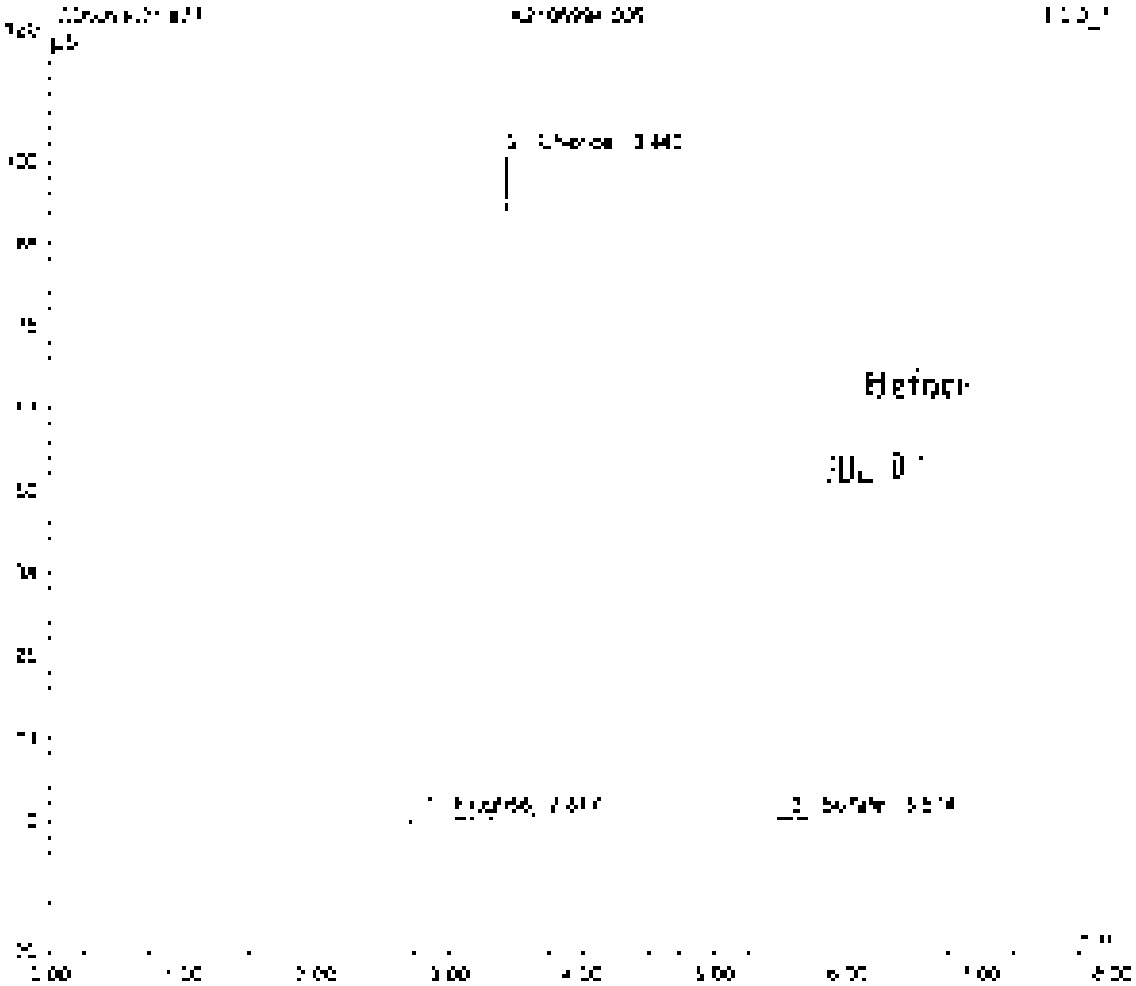
Sample Name	[illegible]	Inj. No.	29.0
Sample Type	unknown	Dilution Factor	2.0000
Program	360 4c	Operator	n.a.
Inj. Date/Time	2006/21 20:44	Run Time	8.00

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	BMB	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	BMB	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	BMD	[illegible]	[illegible]	[illegible]
		Total:		[illegible]	[illegible]	[illegible]



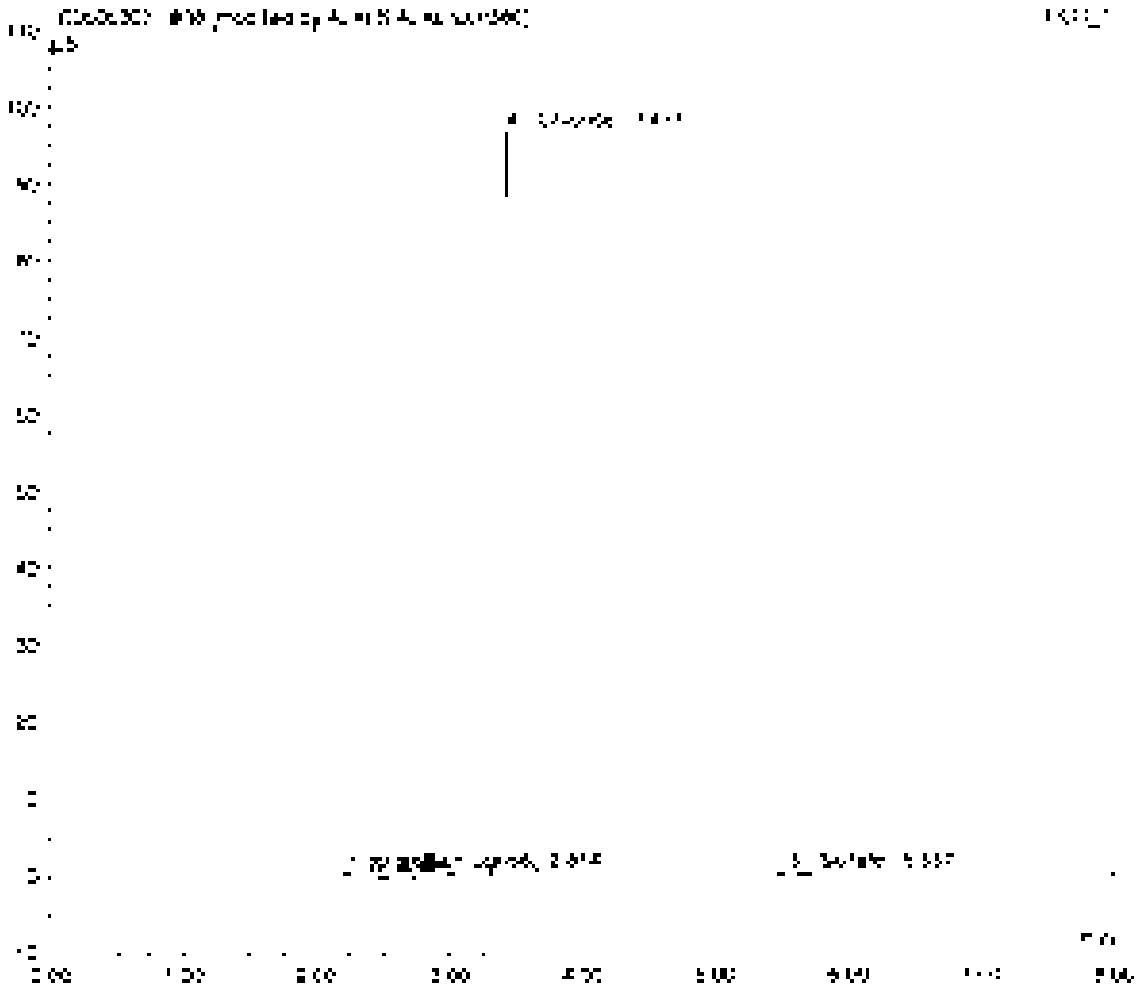
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



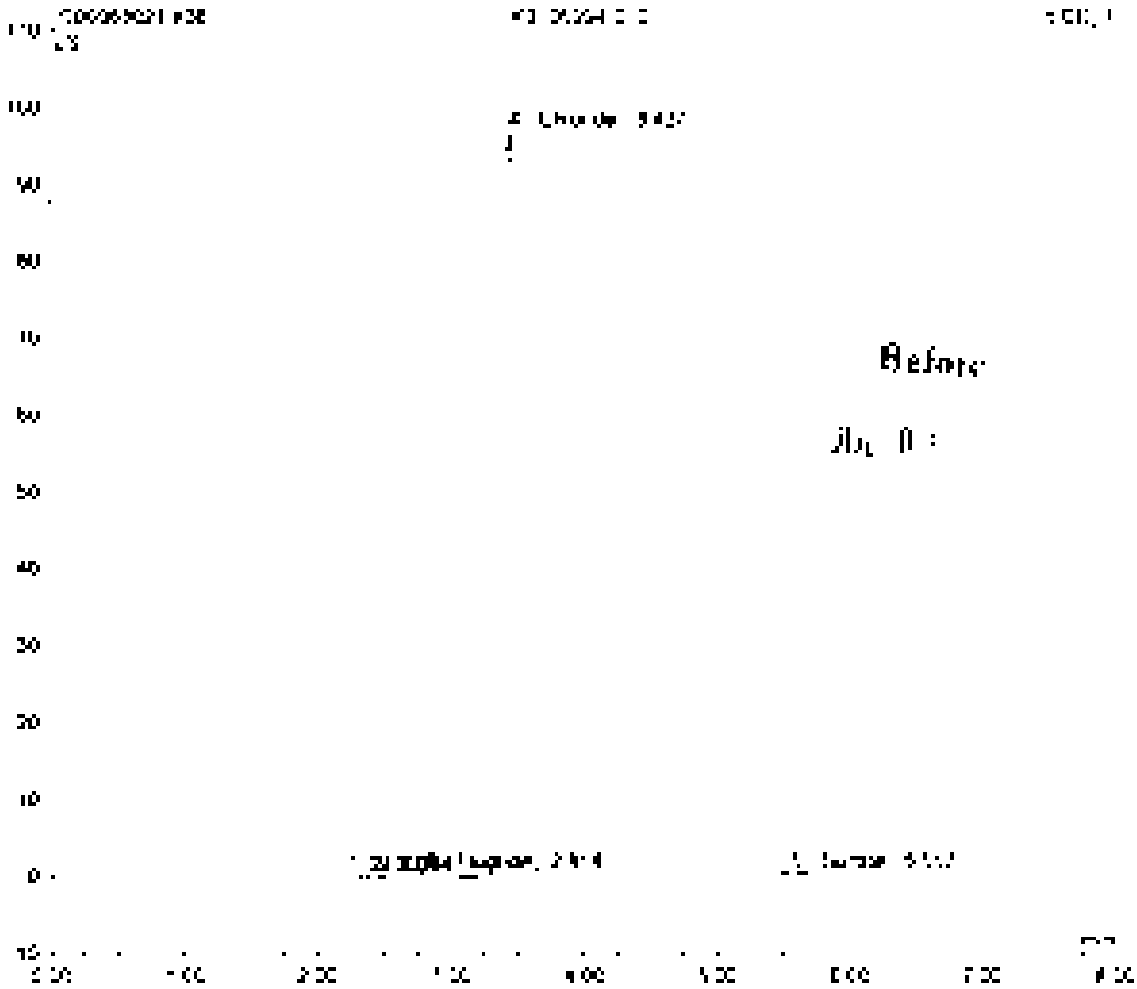
Sample Name	[illegible]	Inj. No.	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS/cm·min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



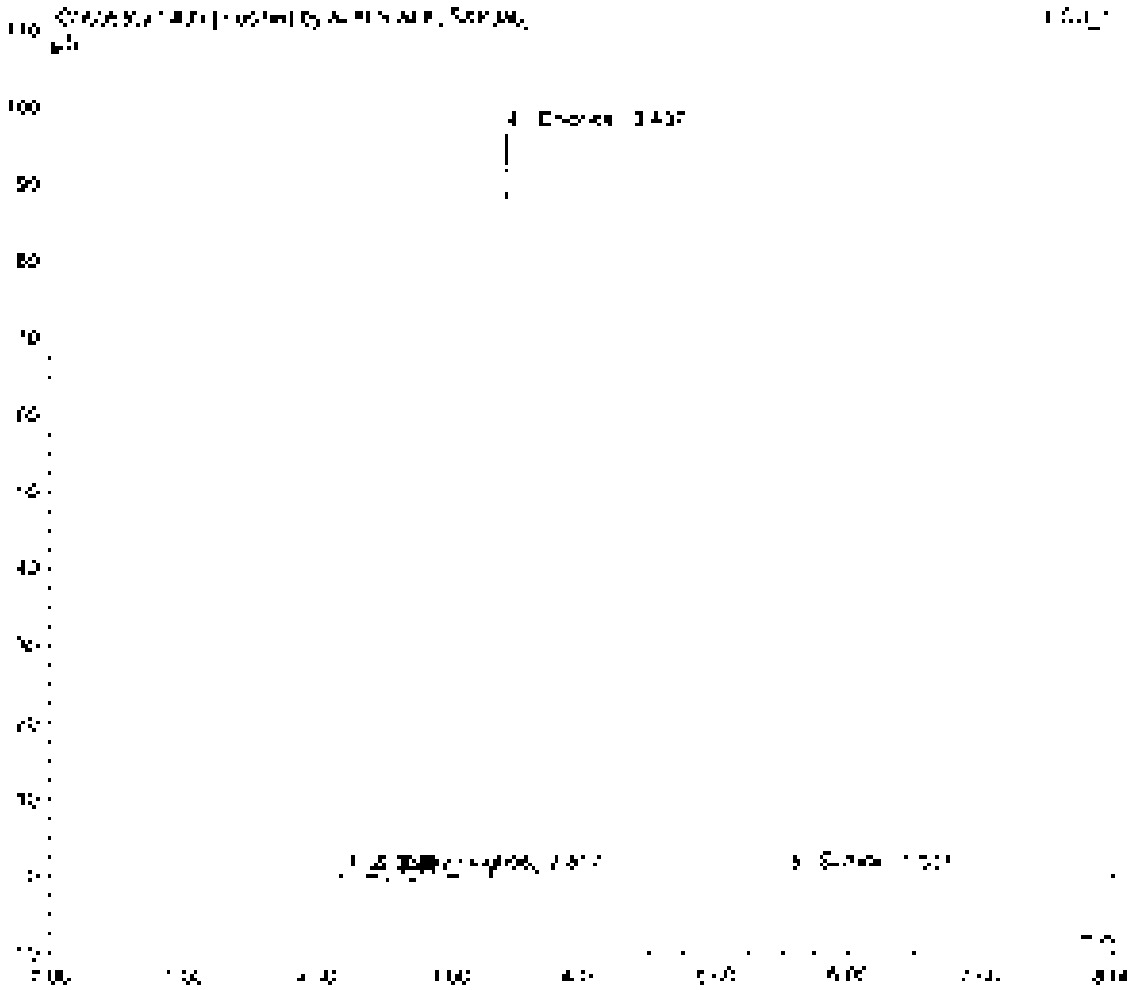
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



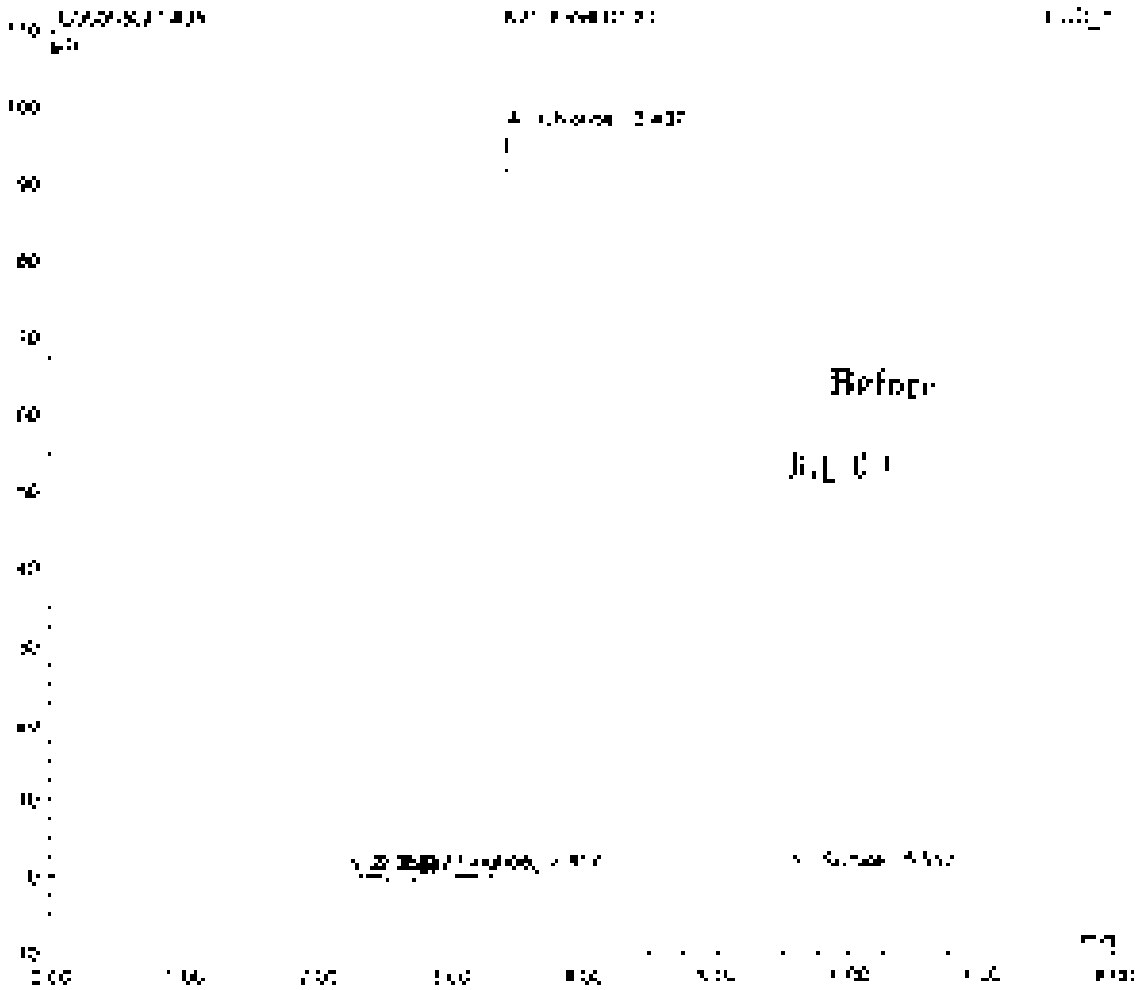
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



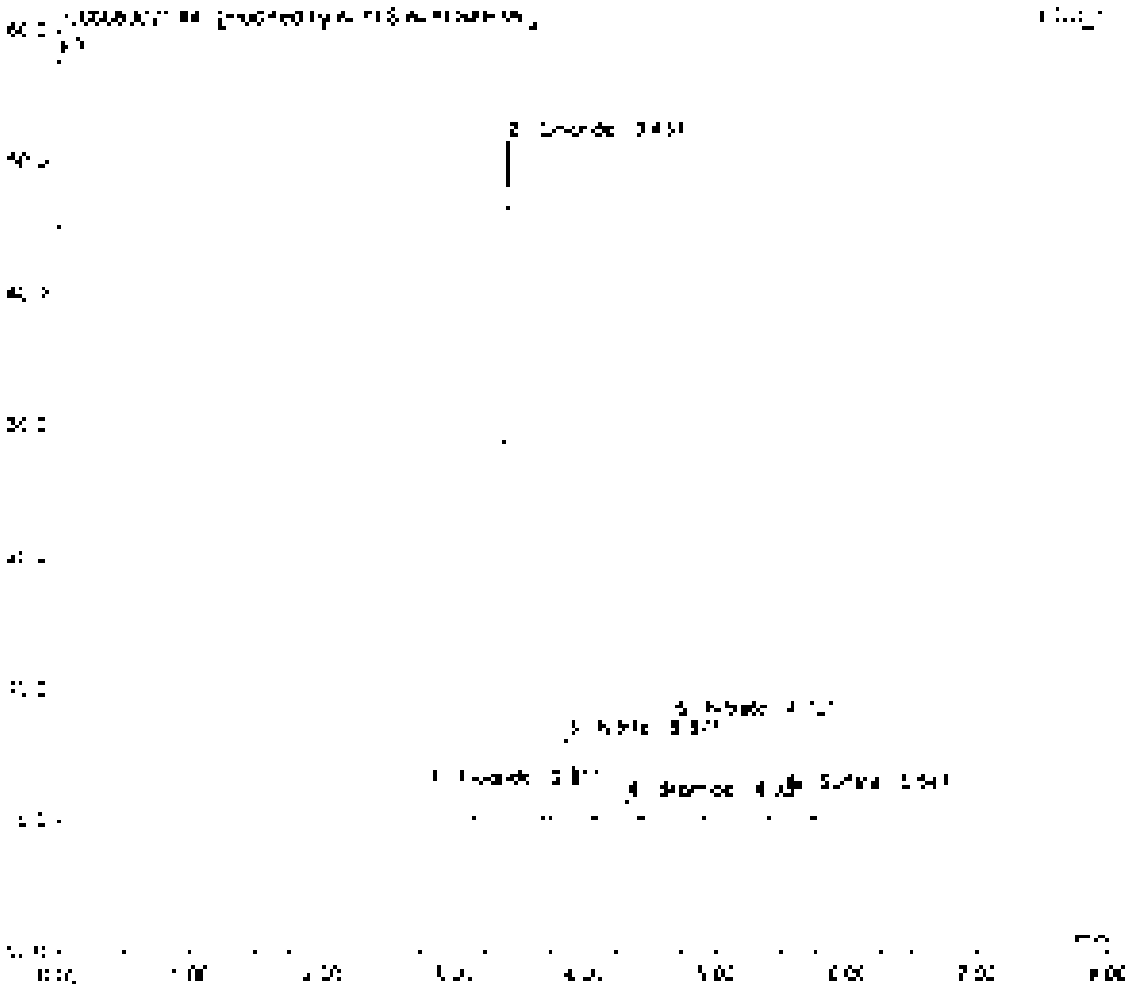
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	BV0	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	BV0	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	BV0	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



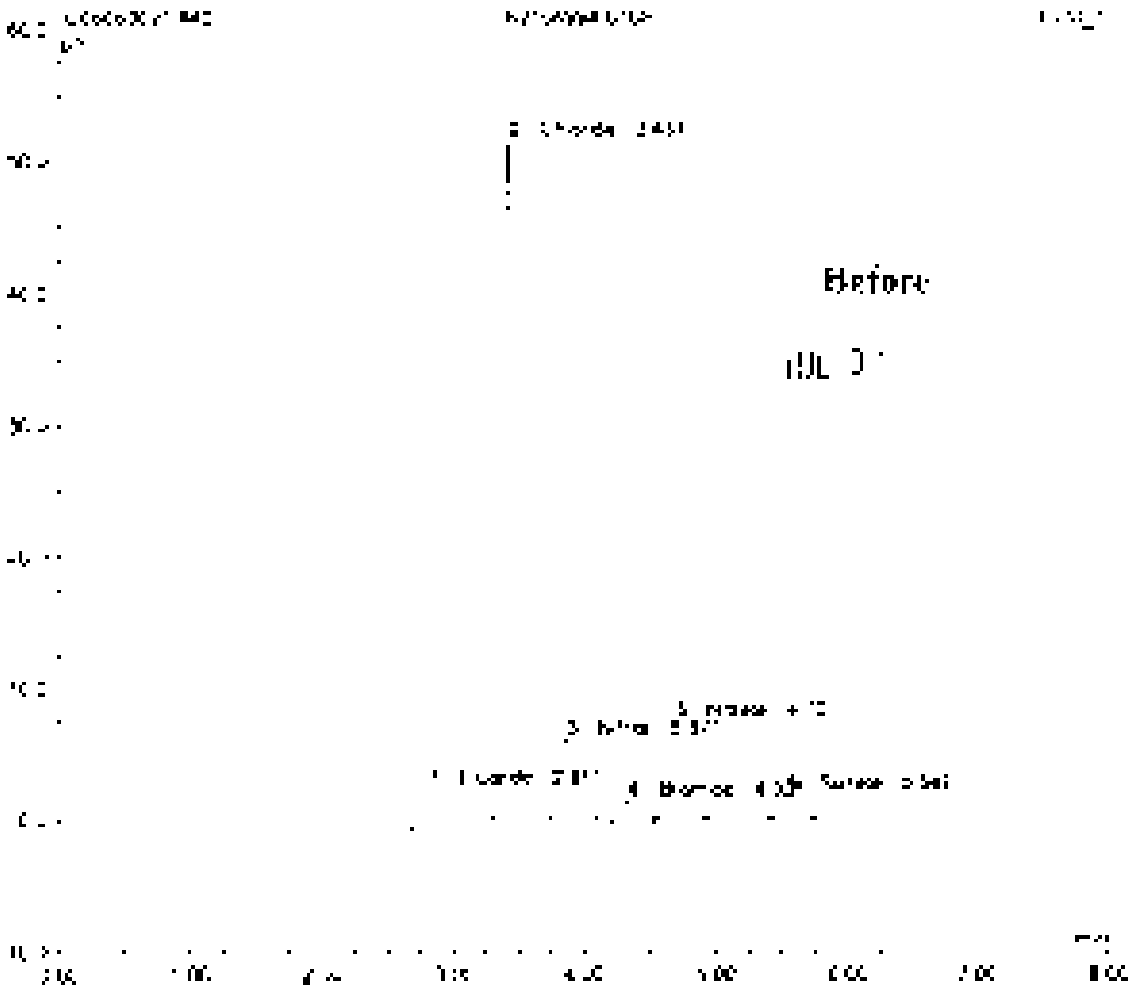
Sample Name	[illegible]	Inj. Vol	30.0
Sample Type	unknown	Dilution Factor	4.9999
Program	384 lic	Operator	n.a.
Inj. Date/Time	[illegible] 21:19	Run Time	8.00

No.	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
1	[illegible]	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



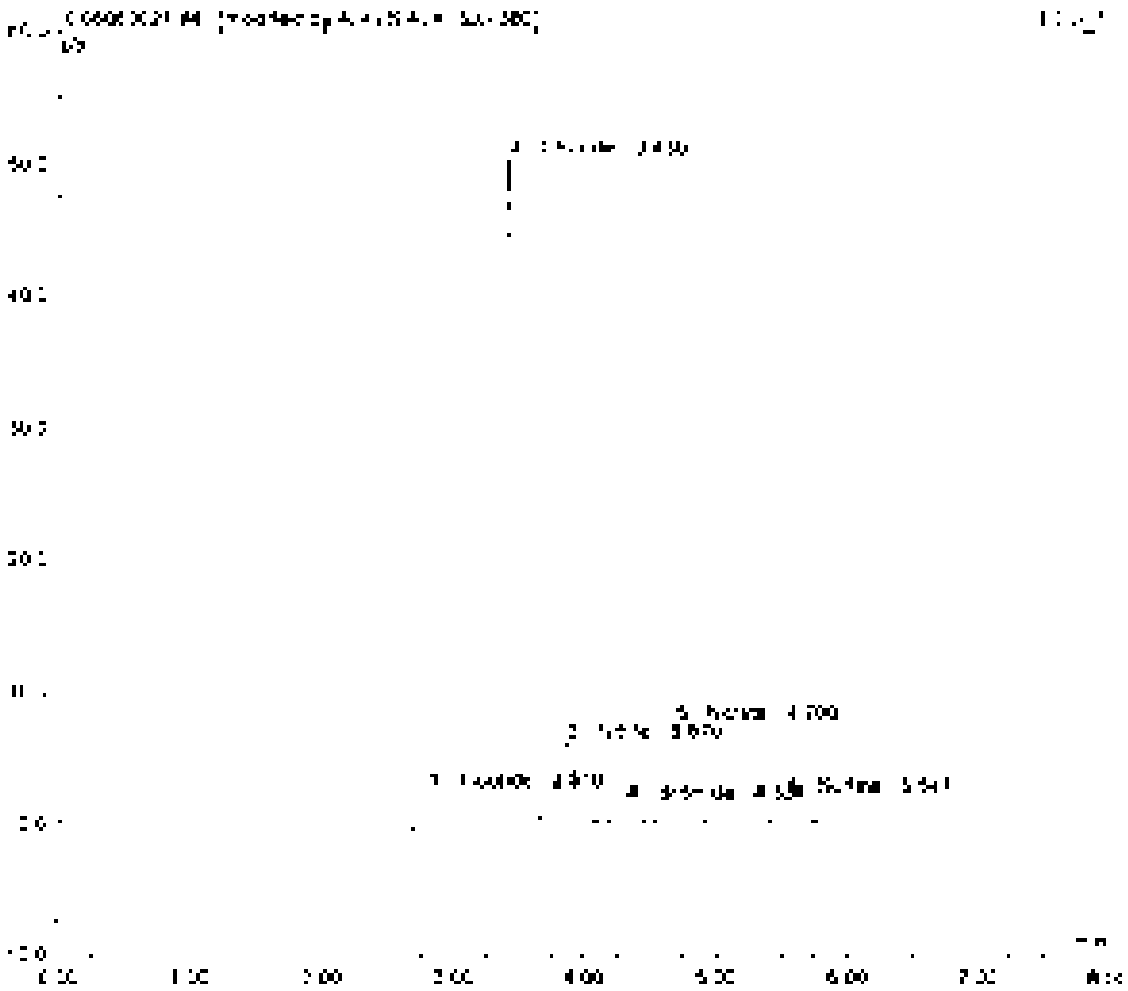
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	1.0000
Program	300_4c	Operator	n.a.
Inj. Date/Time	2020/01 [illegible]	Run Time	[illegible]

No	Retention time	Peak Name	Type	Area µS/min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



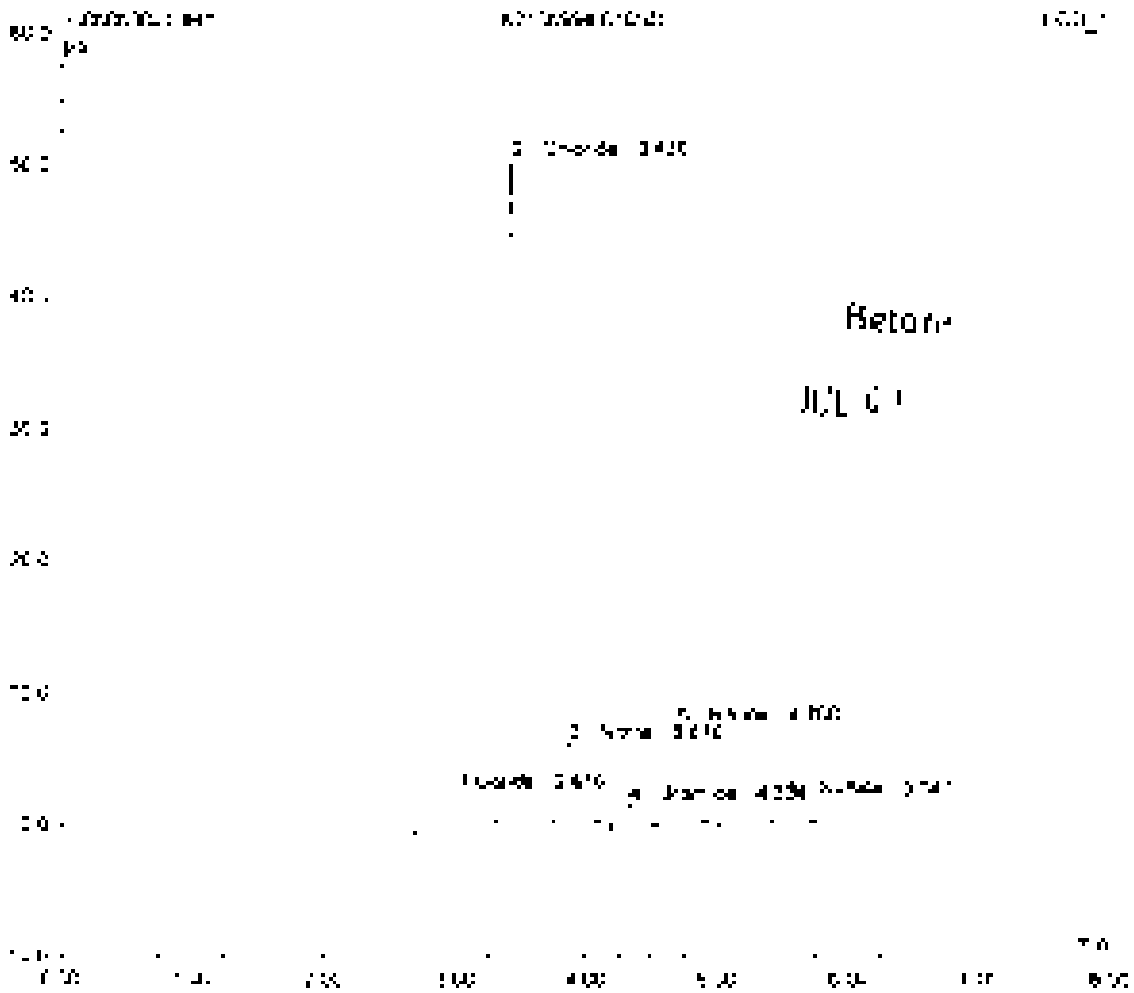
Sample Name	[illegible]	Inj. Vol	36.6
Sample Type	[illegible]	Dilution Factor	4.0000
Program	366_lc	Operator	n.a.
Inj. Date/Time	[illegible]	Mod. Type	[illegible]

No	Time min	Peak Name	Type	Area µS/cm	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



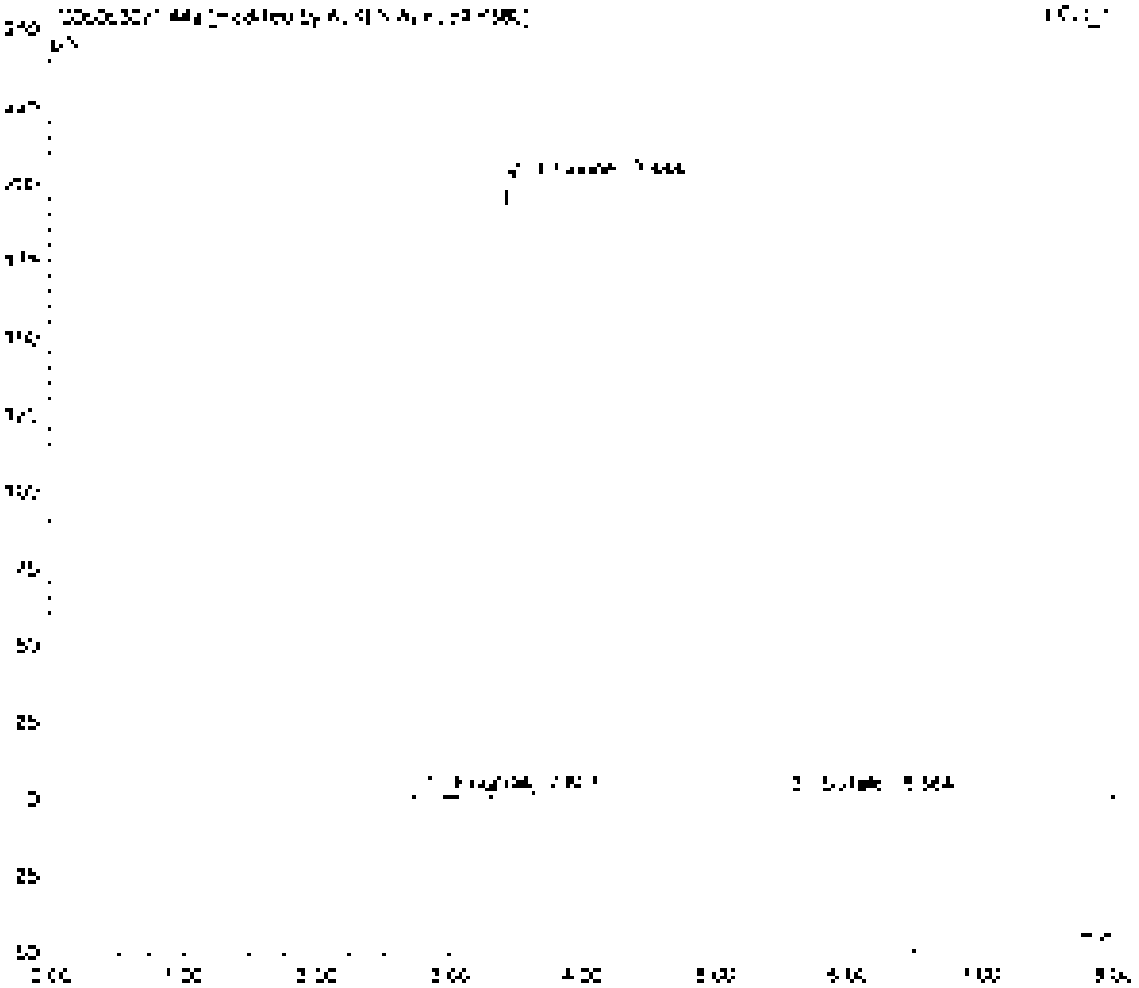
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	BM	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	Bc	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	MU	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	BMU	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



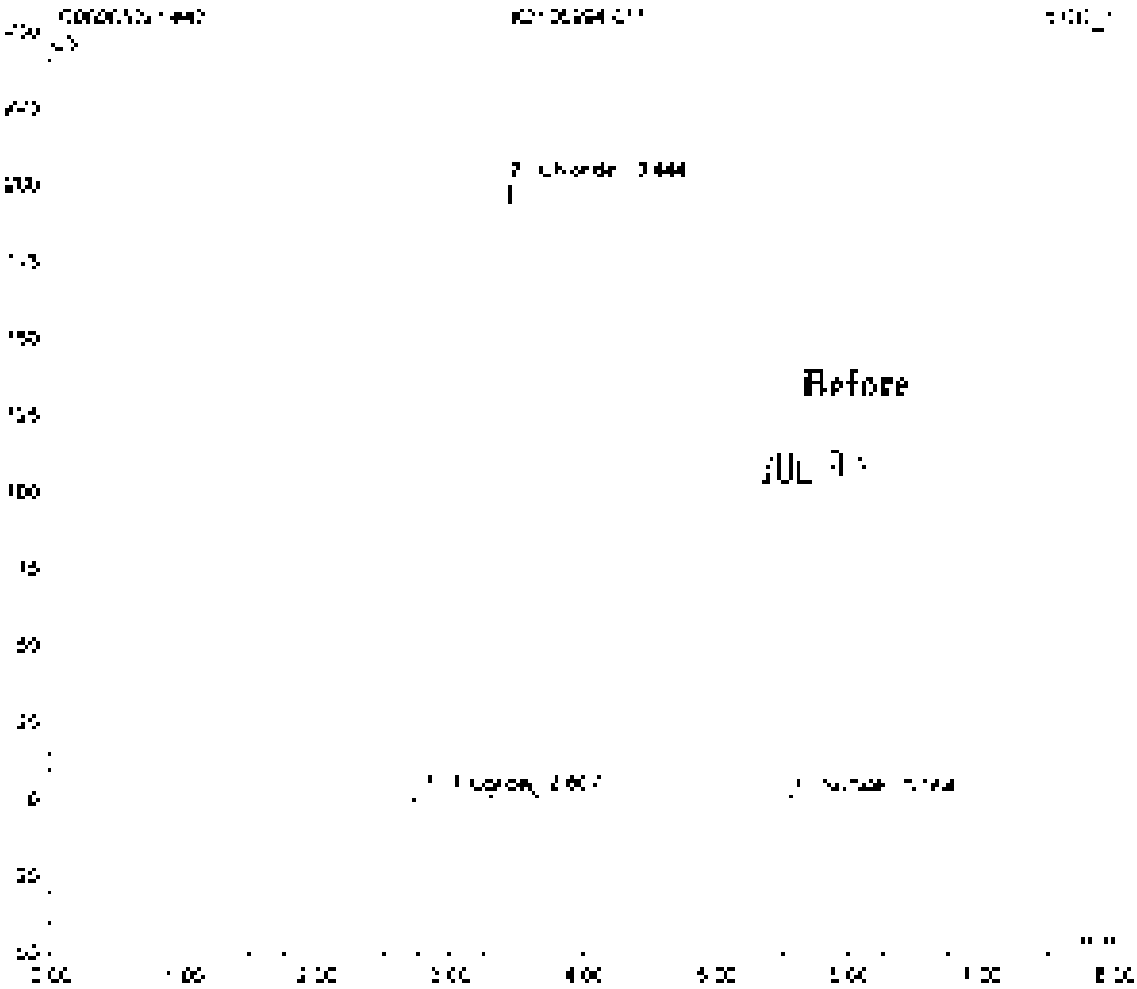
Sample Name	[illegible]	Injection	[illegible]
Sample Type	Unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj Date/Time	[illegible]	Run Time	[illegible]

Peak	Time [illegible]	Peak Name	Type	Area [illegible]	Height [illegible]	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



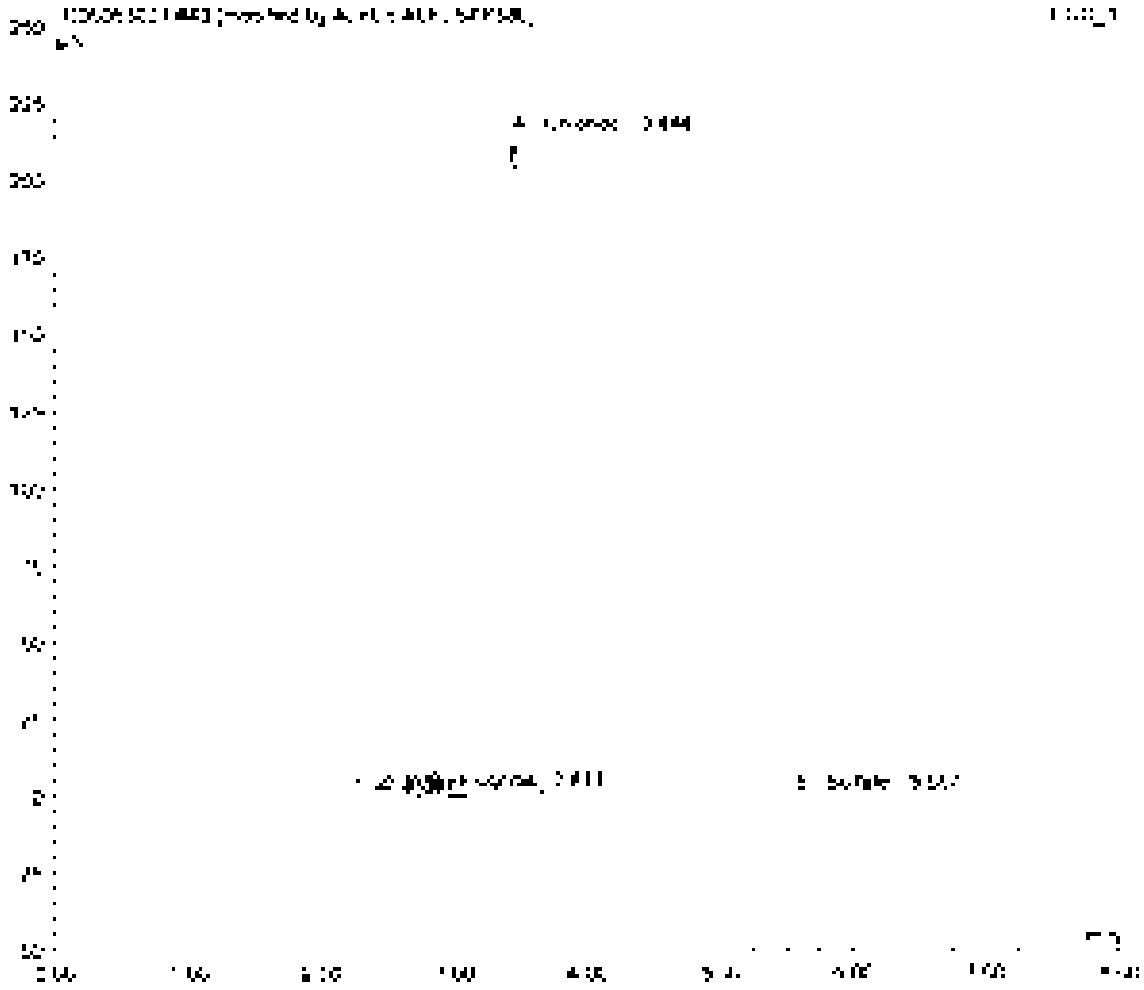
Sample Name	K3106884-011	Inj. Vol	20.0
Sample Type	unknown	Dilution Factor	2.0000
Program	366_Bc	Operator	n.a.
Inj. Date/Time	[illegible] 11:33	Run Time	9.00

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
1	[illegible]	Fluoride	BMB	[illegible]	[illegible]	[illegible]
2	[illegible]	Chloride	BMB	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	BMB	[illegible]	[illegible]	[illegible]
		[illegible]		[illegible]	[illegible]	[illegible]



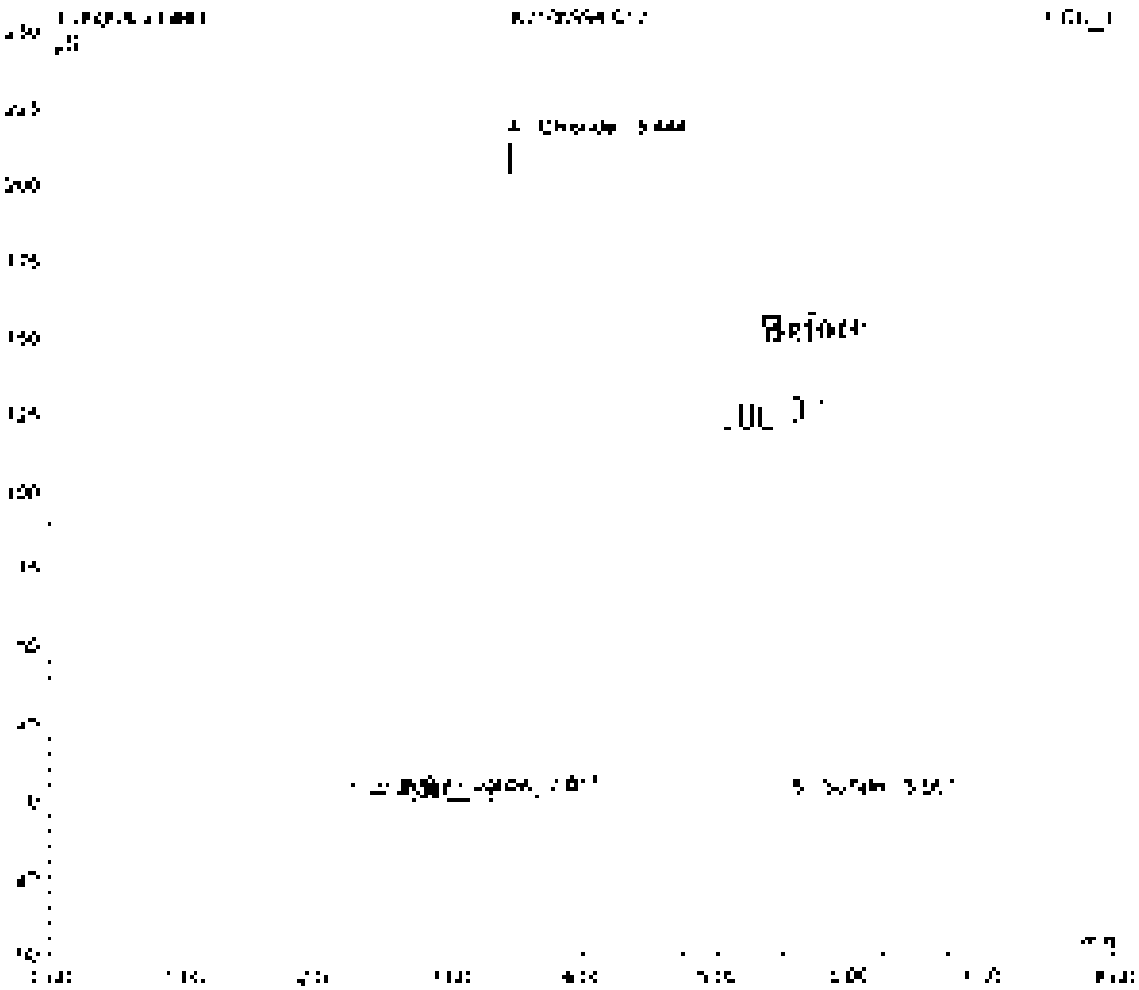
Sample Name	[illegible]	Inj Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj Date/Time	[illegible] 21:41	Run Time	[illegible]

Inj	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



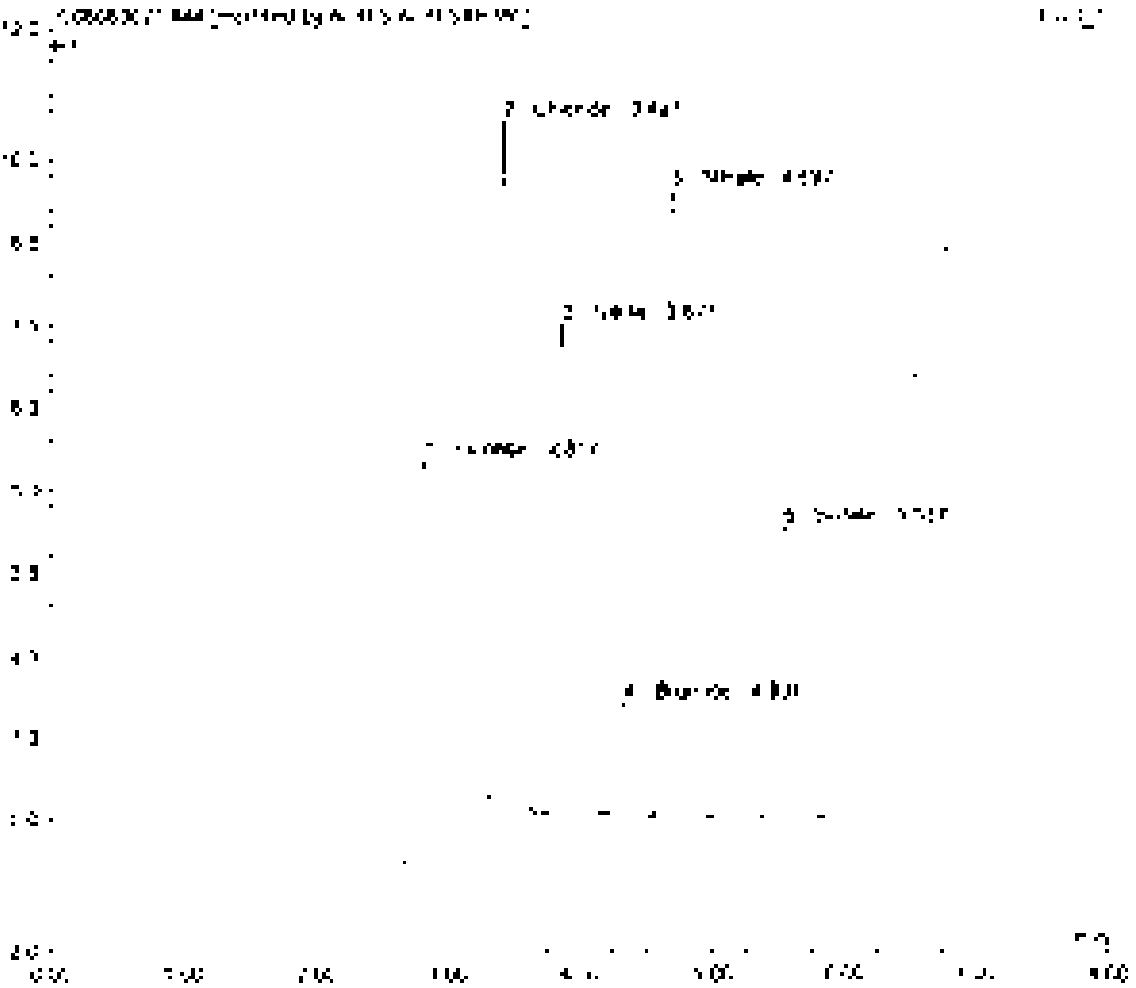
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
3	[illegible]	[illegible]	BV0	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	BV0	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	BV0	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



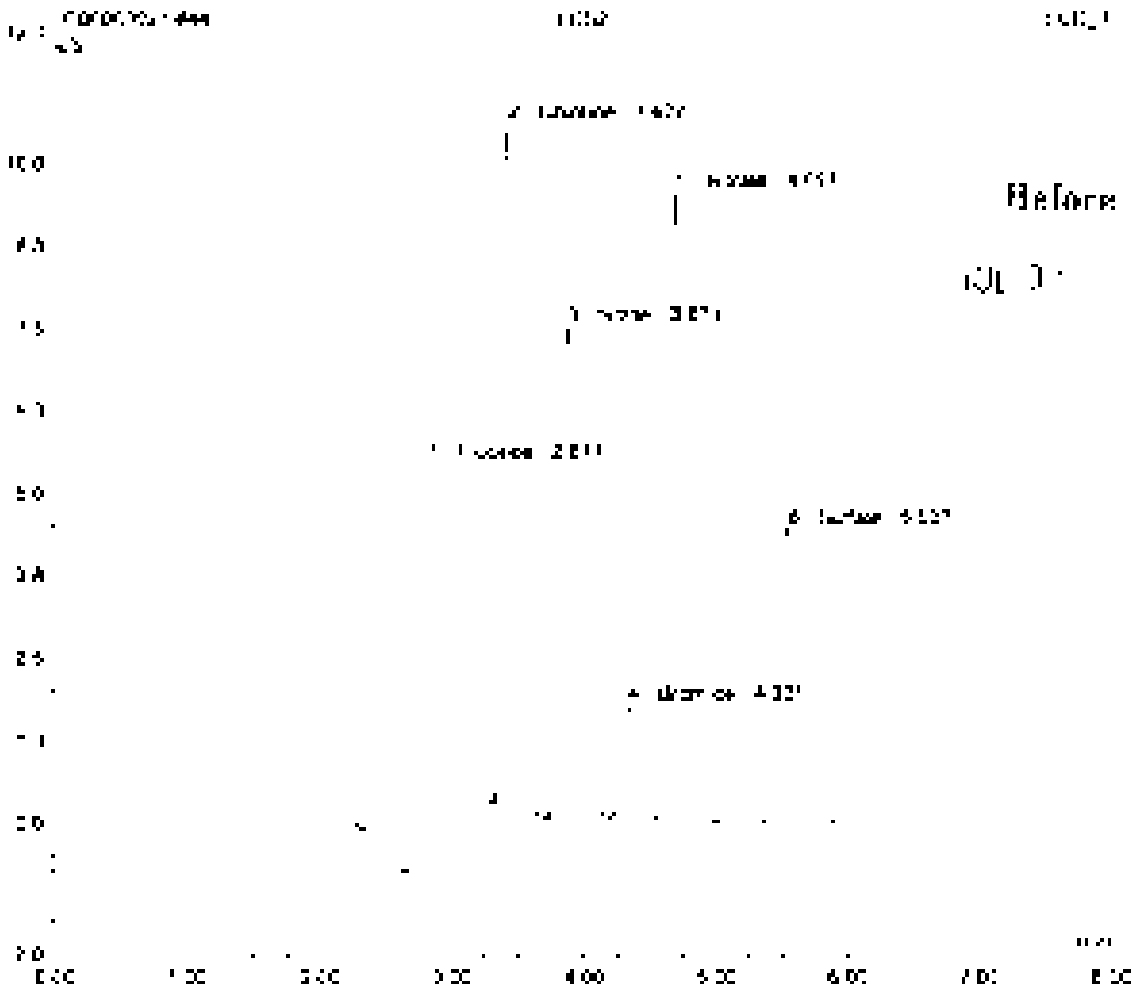
Sample Name	LCS3	Inj Vol	20.0
Sample Type	unknown	Dilution Factor	1.0000
Program	320 lc	Operator	a.a.
Inj Date/Time	[illegible] 21:32	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/cm	Height µS	Amount
1	[illegible]	Fluoride	BMD1	[illegible]	[illegible]	[illegible]
2	[illegible]	Chloride	BMD1	[illegible]	[illegible]	[illegible]
3	[illegible]	Nitrite	BM 1	[illegible]	[illegible]	[illegible]
4	[illegible]	Bromide	BM 1	[illegible]	[illegible]	[illegible]
5	[illegible]	Nitrate	BM1	[illegible]	[illegible]	[illegible]
6	[illegible]	Sulfate	BM11	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



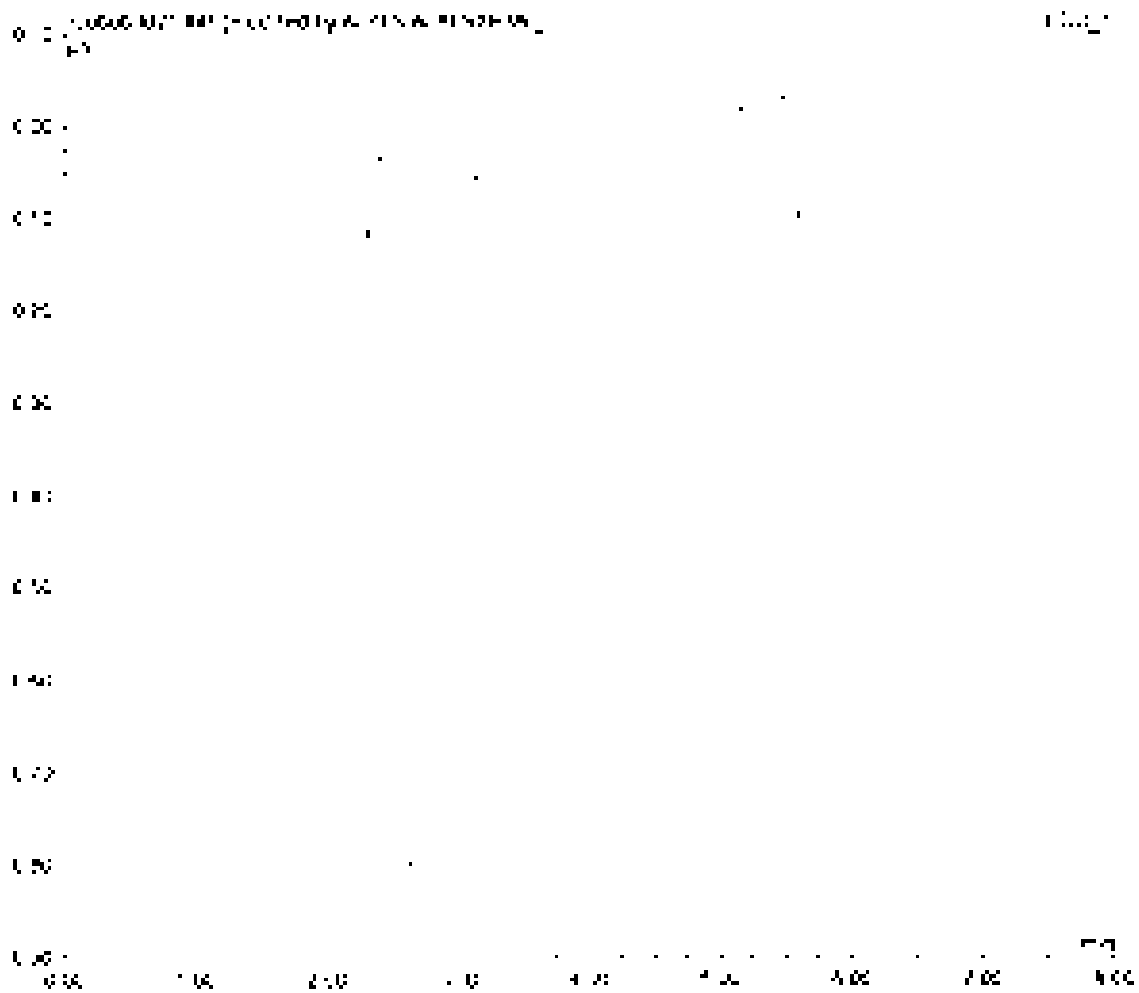
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	1.0000
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time [min]	Peak Name	Type	Area [µS*min]	Height [µS]	Amount [illegible]
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



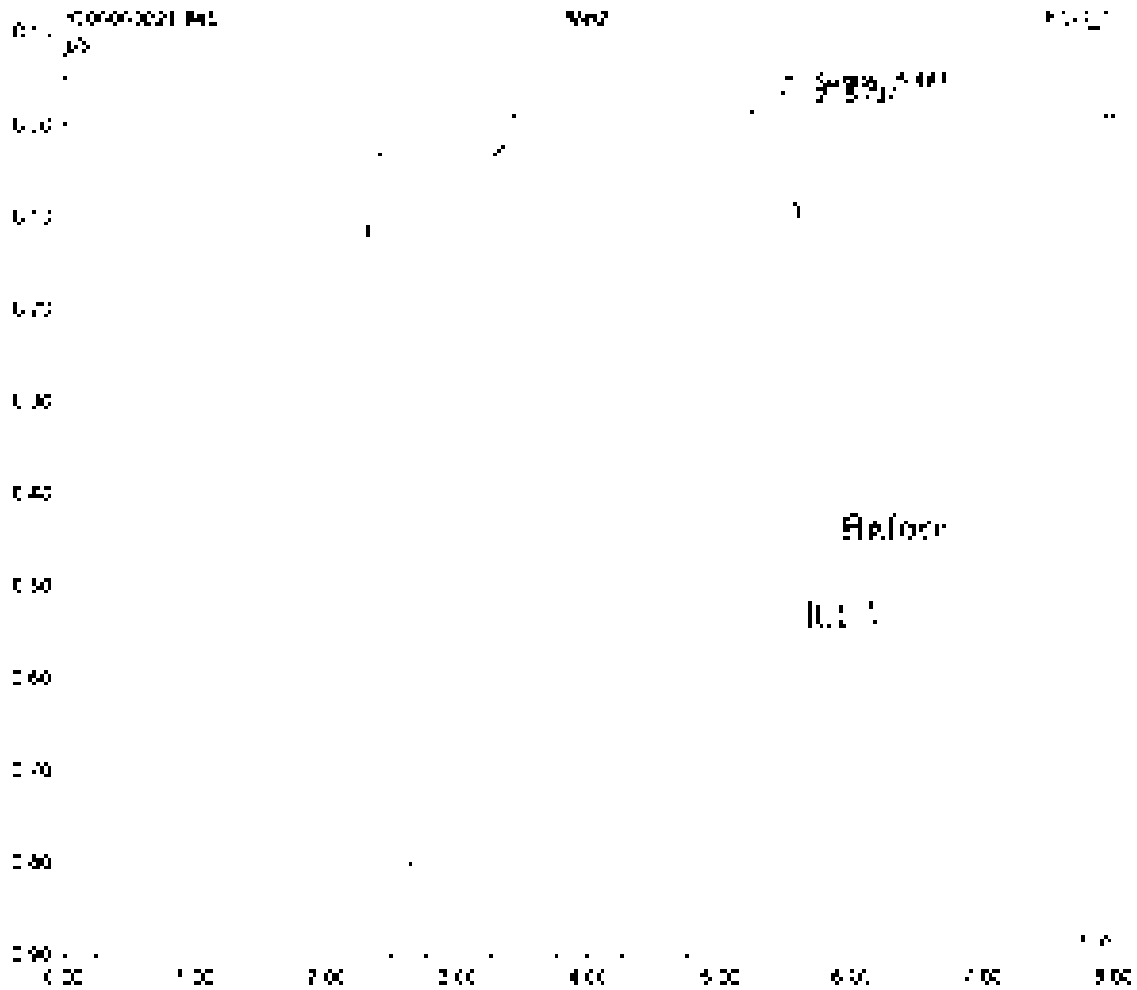
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
		TOTAL		[illegible]	0.00	[illegible]



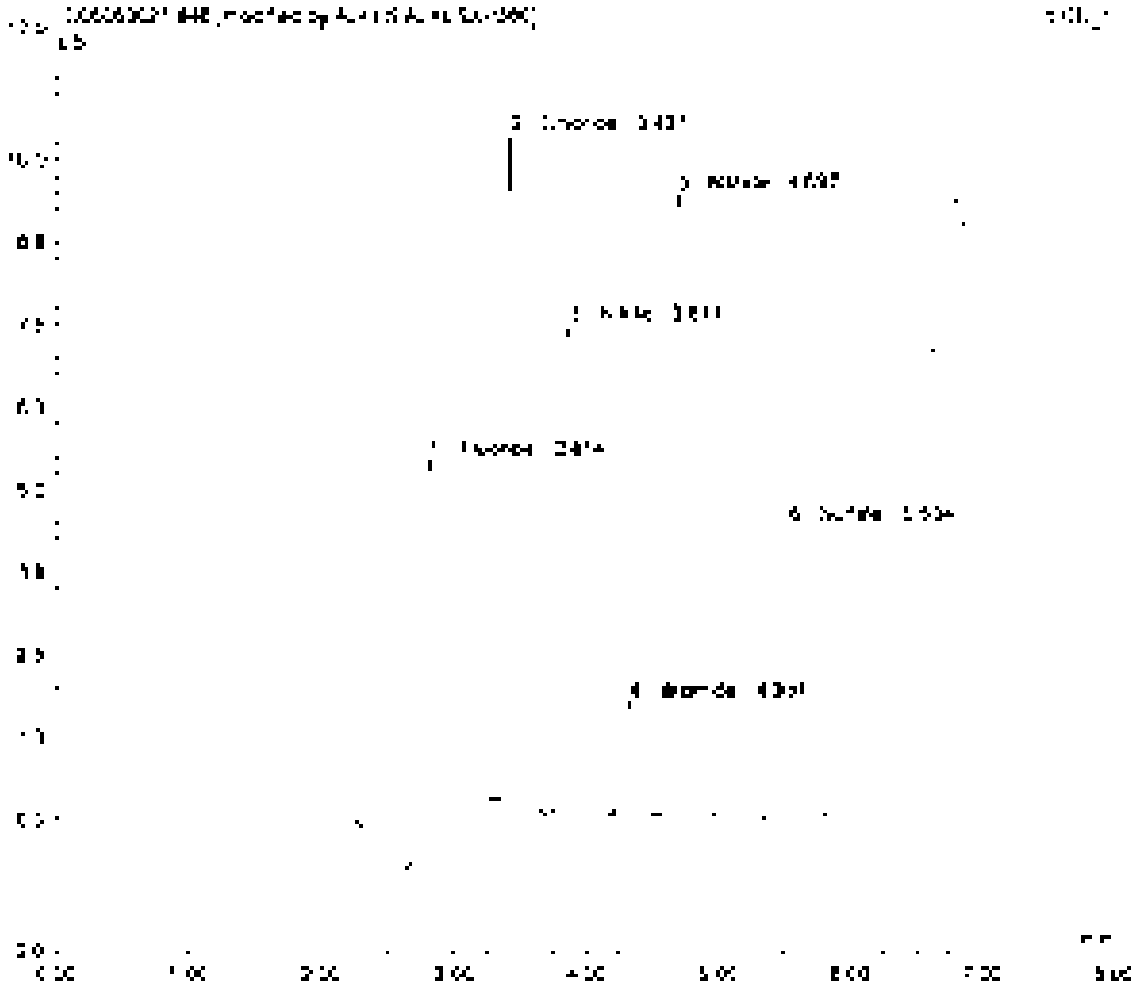
Sample Name	[illegible]	Inj. No.	[illegible]
Sample Type	unknown	Dilution Factor	1.0000
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible] 11:40	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		Total		[illegible]	[illegible]	[illegible]


[illegible]
µS
[illegible]
[illegible]
[illegible]

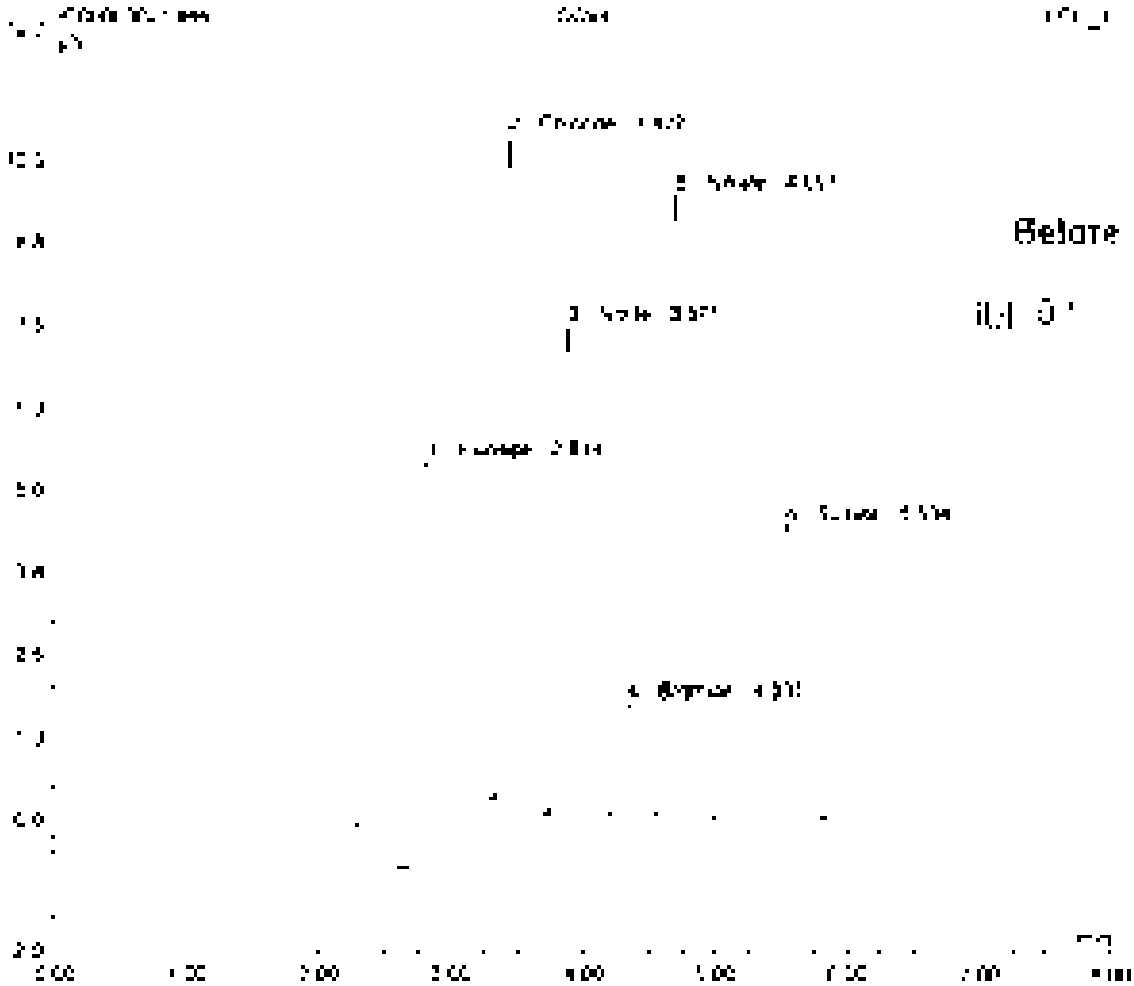
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	Unknown	Dilution Factor	1.0000
Program	[illegible]	Operator	n/a
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



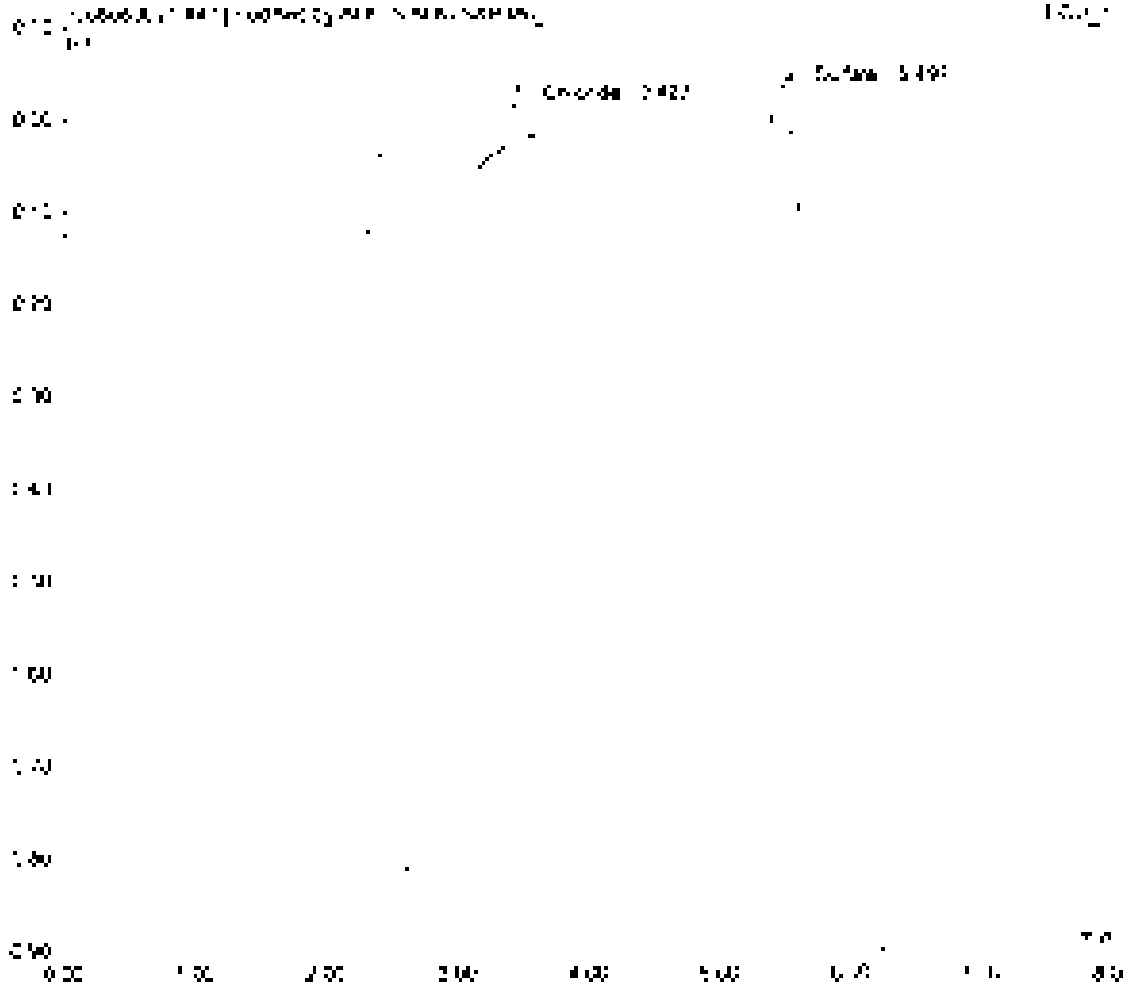
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Calibrn Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



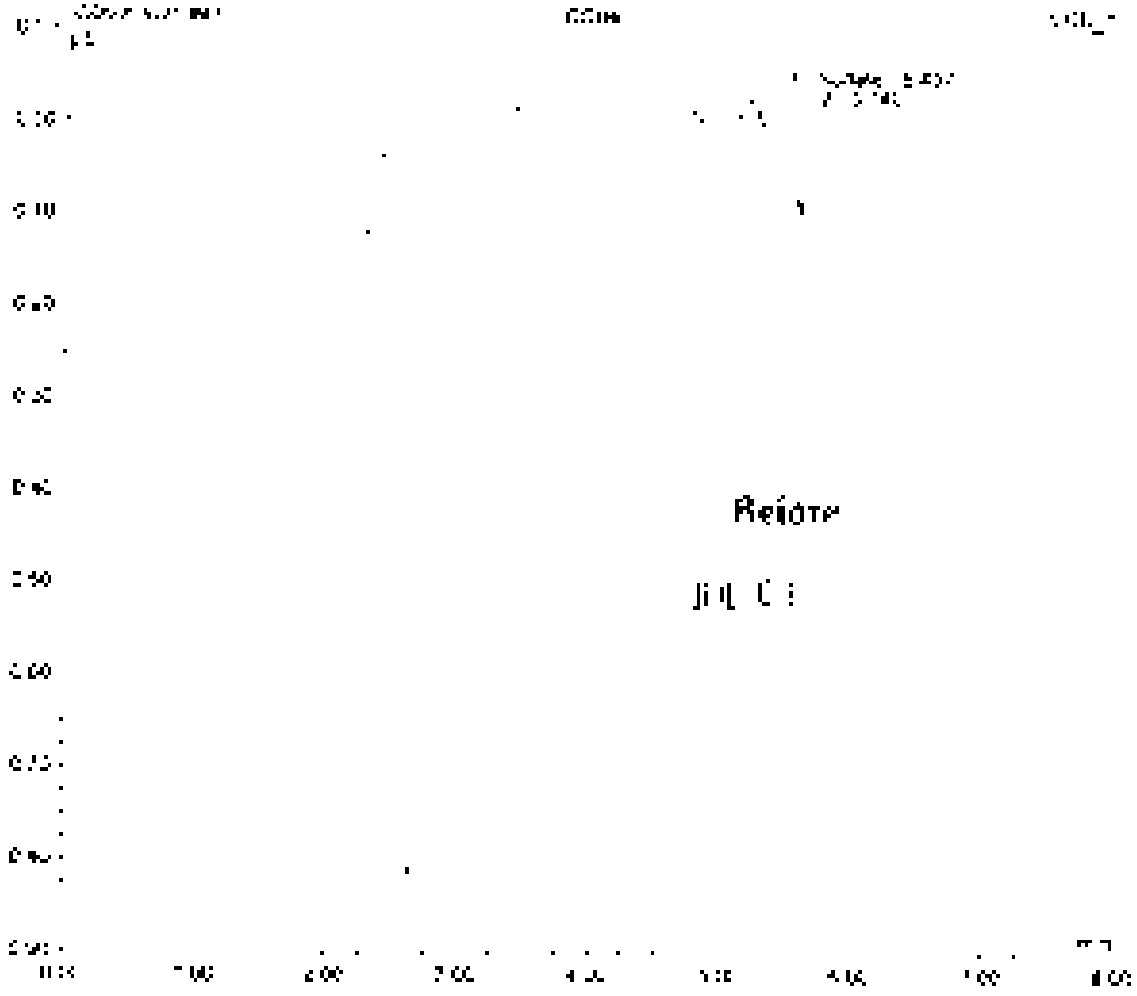
Sample Name	[illegible]	Inj. No	[illegible]
Sample Type	unknown	Dilution Factor	1.0000
Program	[illegible]	Operator	n/a
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	BMh*	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	BMh*	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



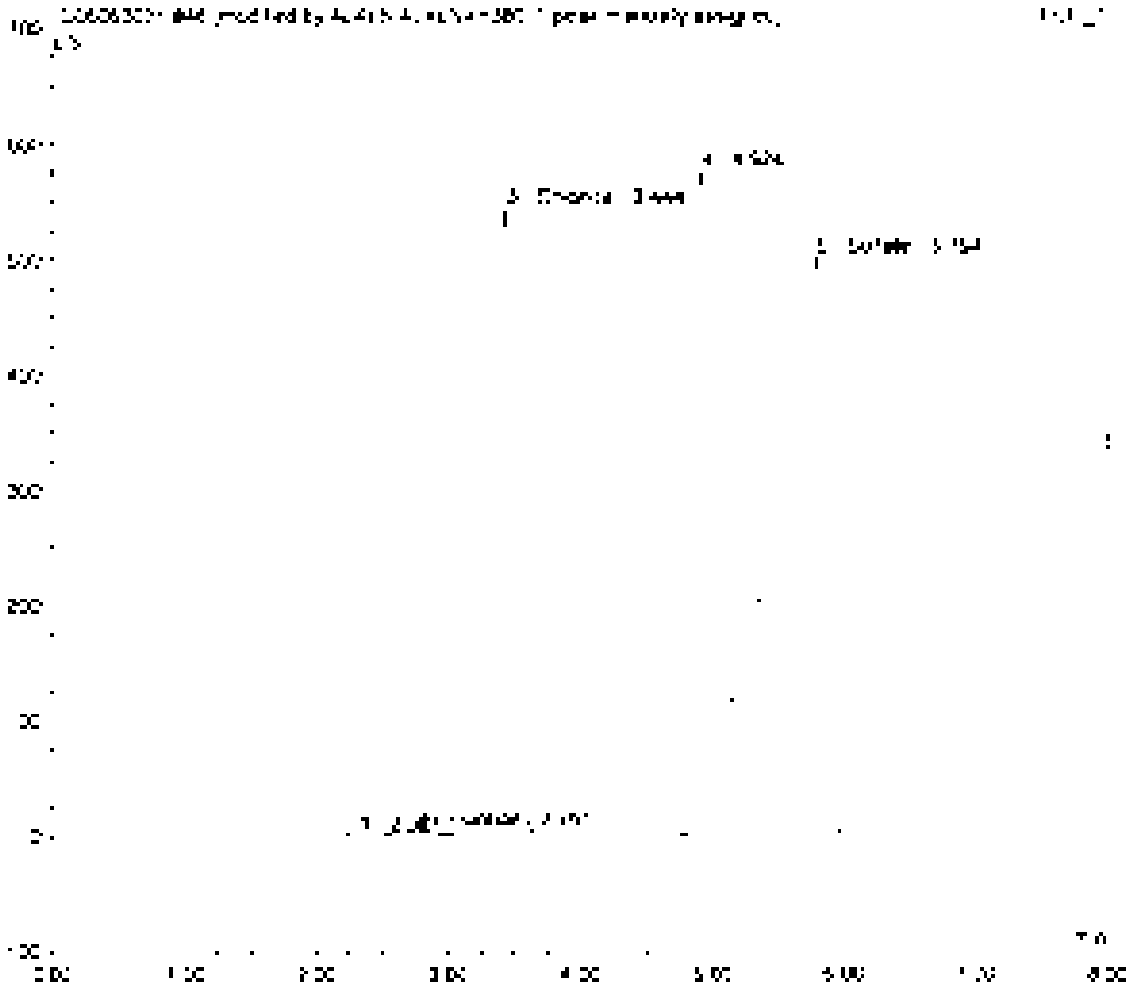
Sample Name	CCB6	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	1.0000
Program	300 4c	Operator	n.a.
Inj. Date/Time	[illegible]/21 22:22	Run Date	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



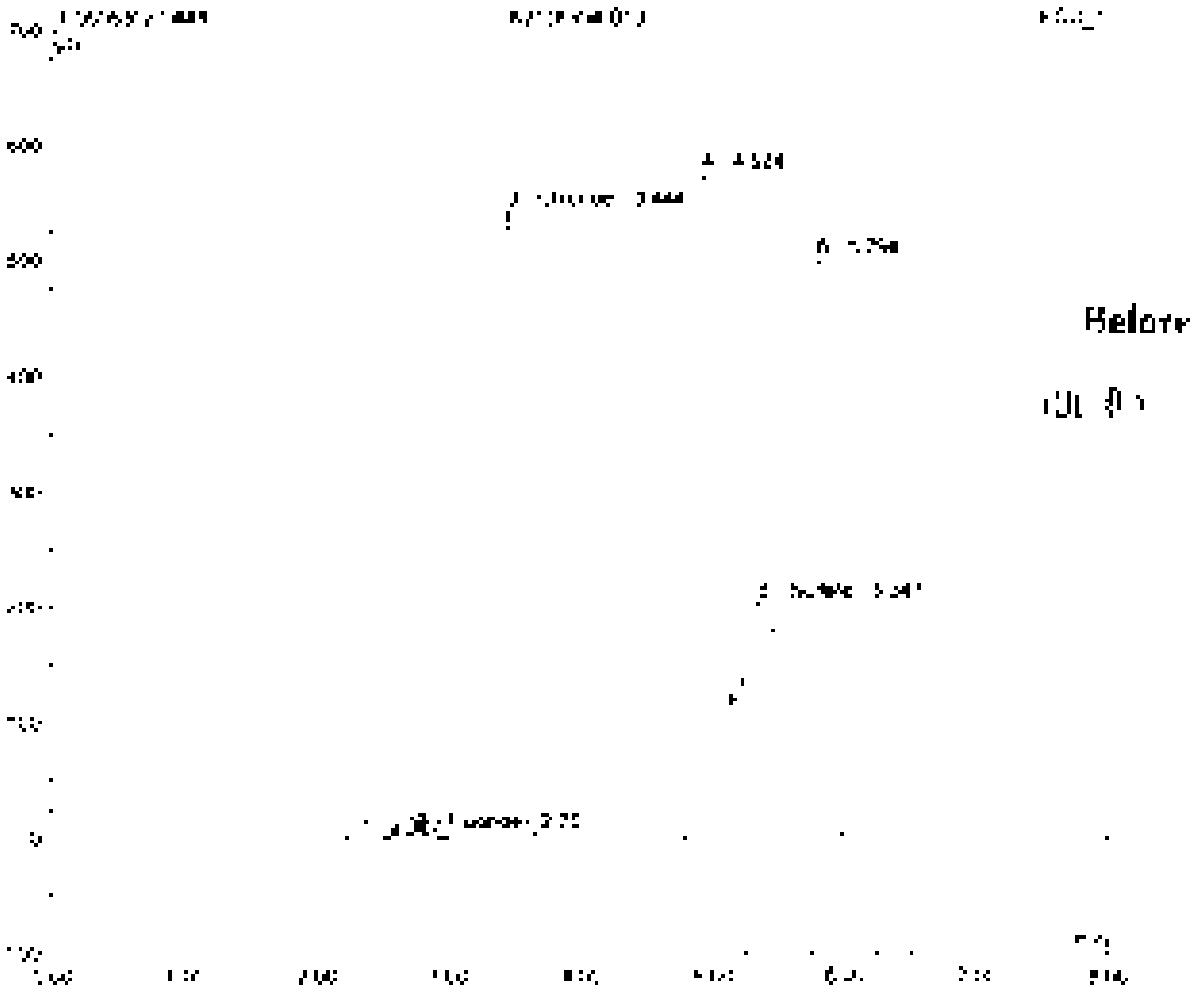
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



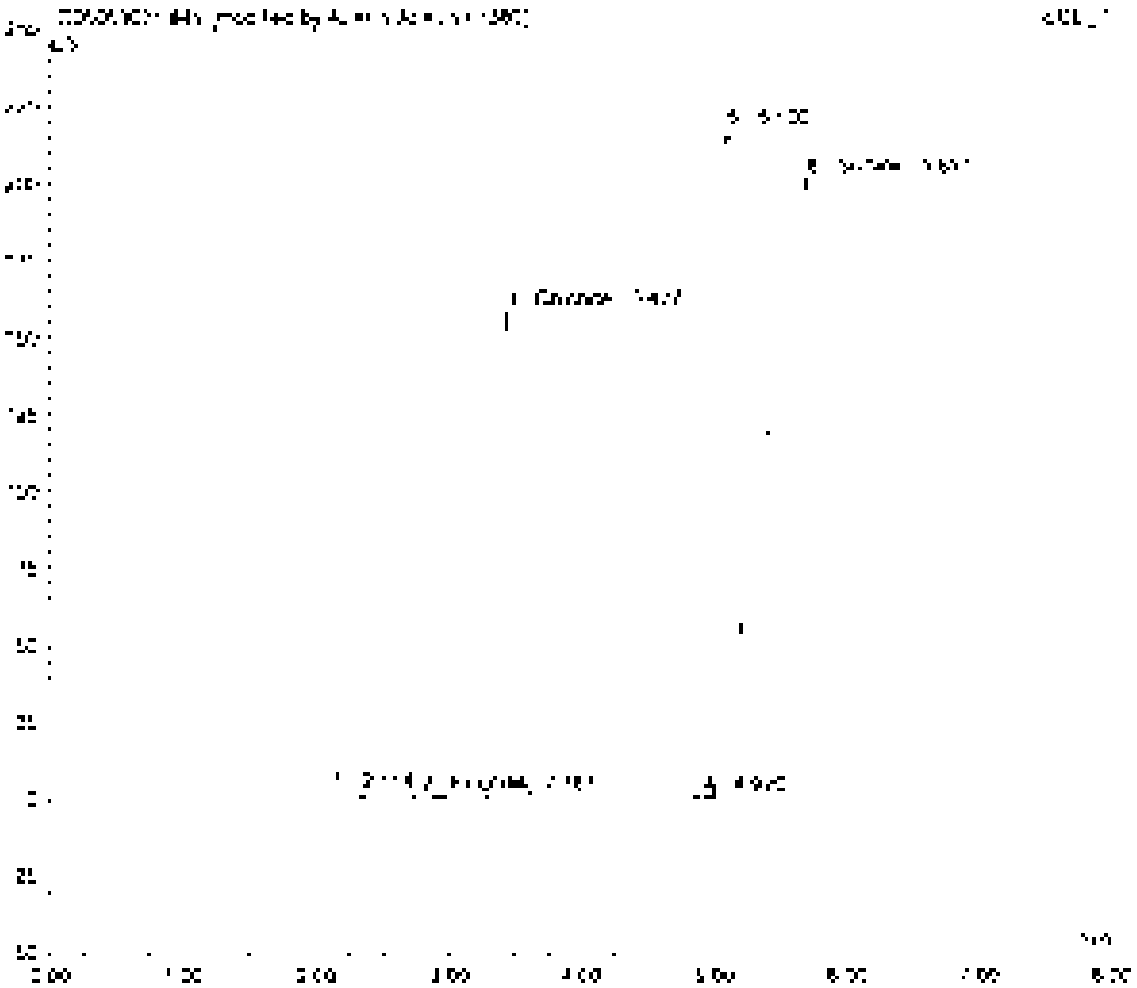
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



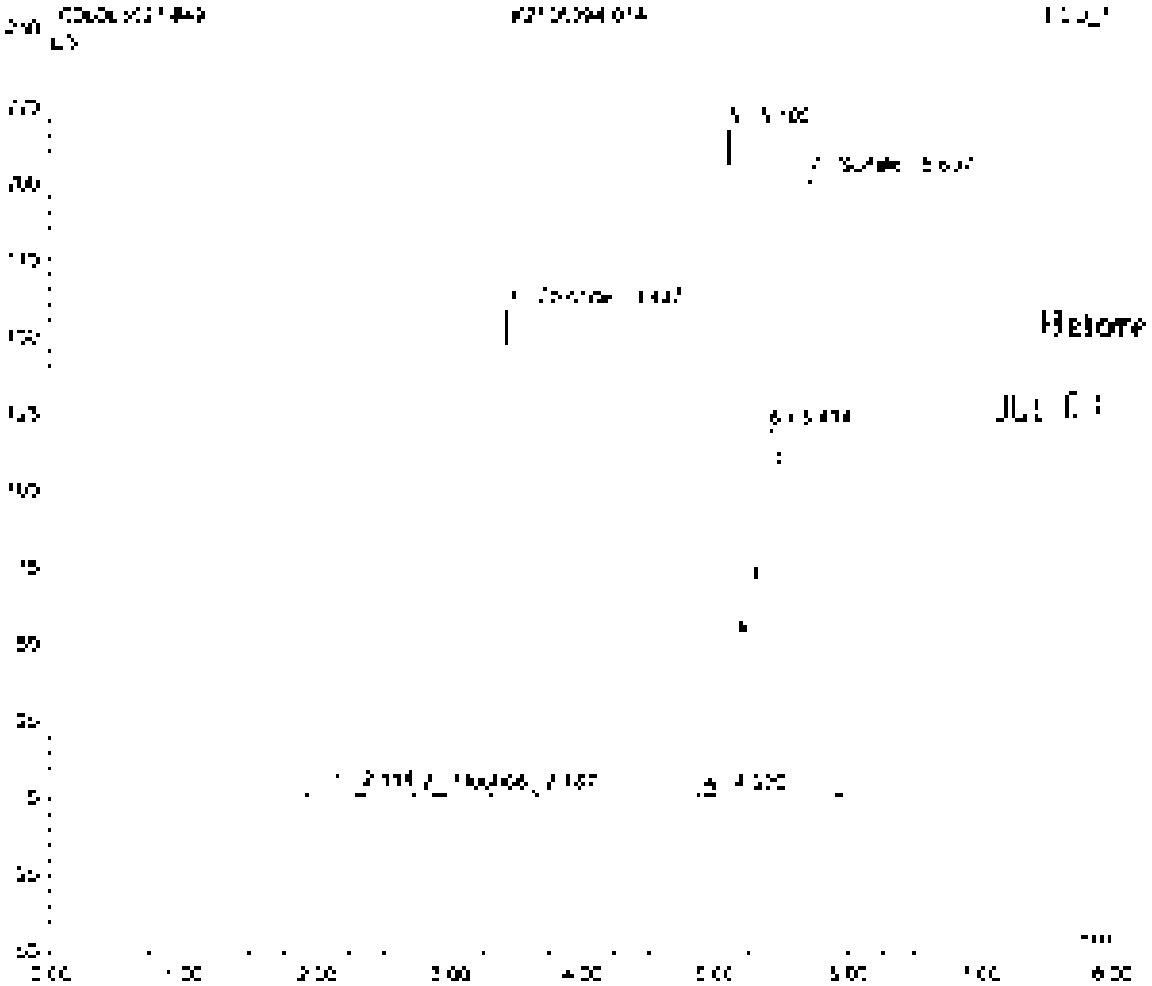
Sample Name	[illegible]	Inj. No.	[illegible]
Sample Type	Unknown	Dilution Factor	2.0000
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS/cm min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



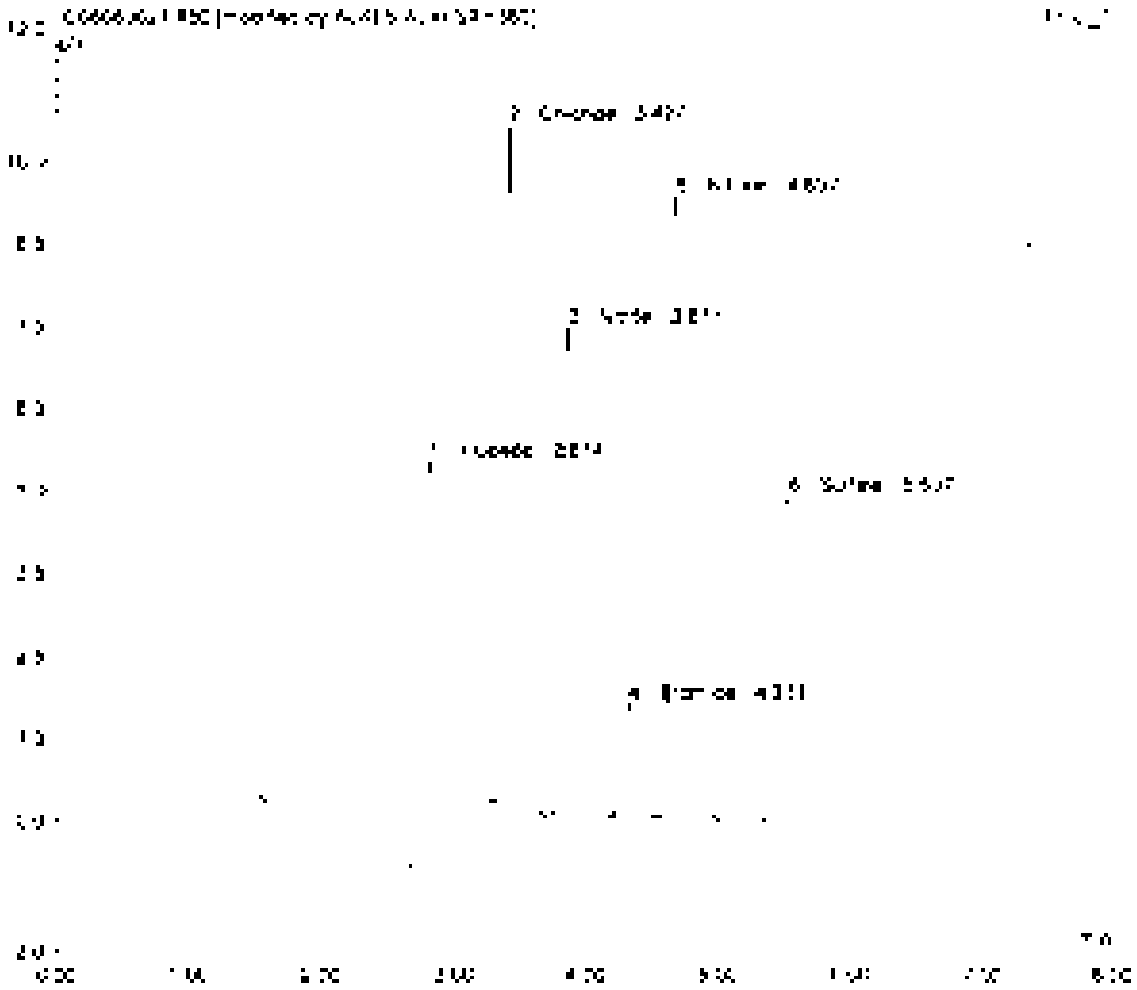
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/cm*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



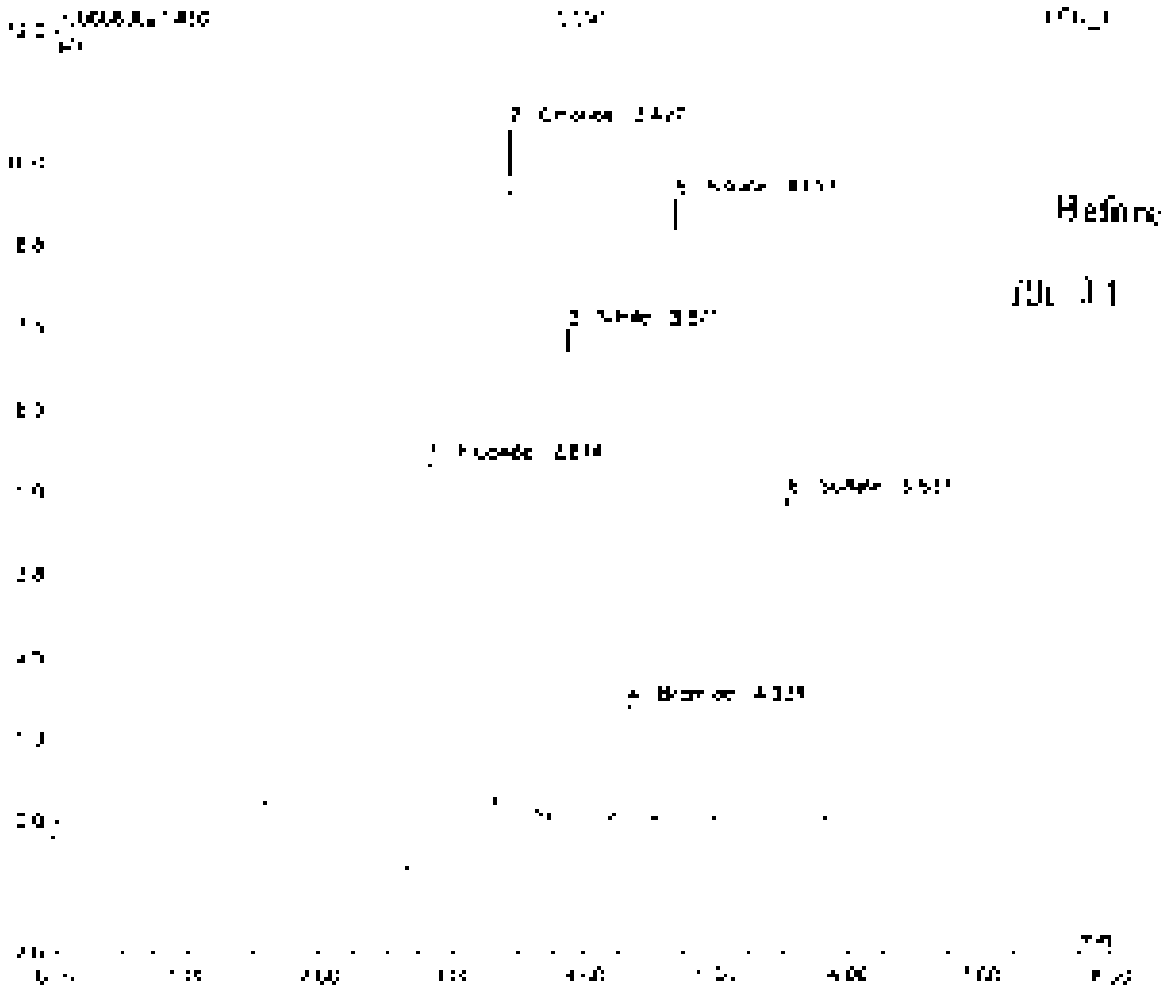
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	1.0000
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



Sample Name	GGY3	Inj. No	360
Sample Type	Unknown	Dilution Factor	1.0000
Program	Job.dc	Operator	[illegible]
Inj. Date/Time	2006/07/1 22:51	Run Time	8.00

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	BV	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	VV	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	VV	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	VV	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	VBV	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	BBM	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]

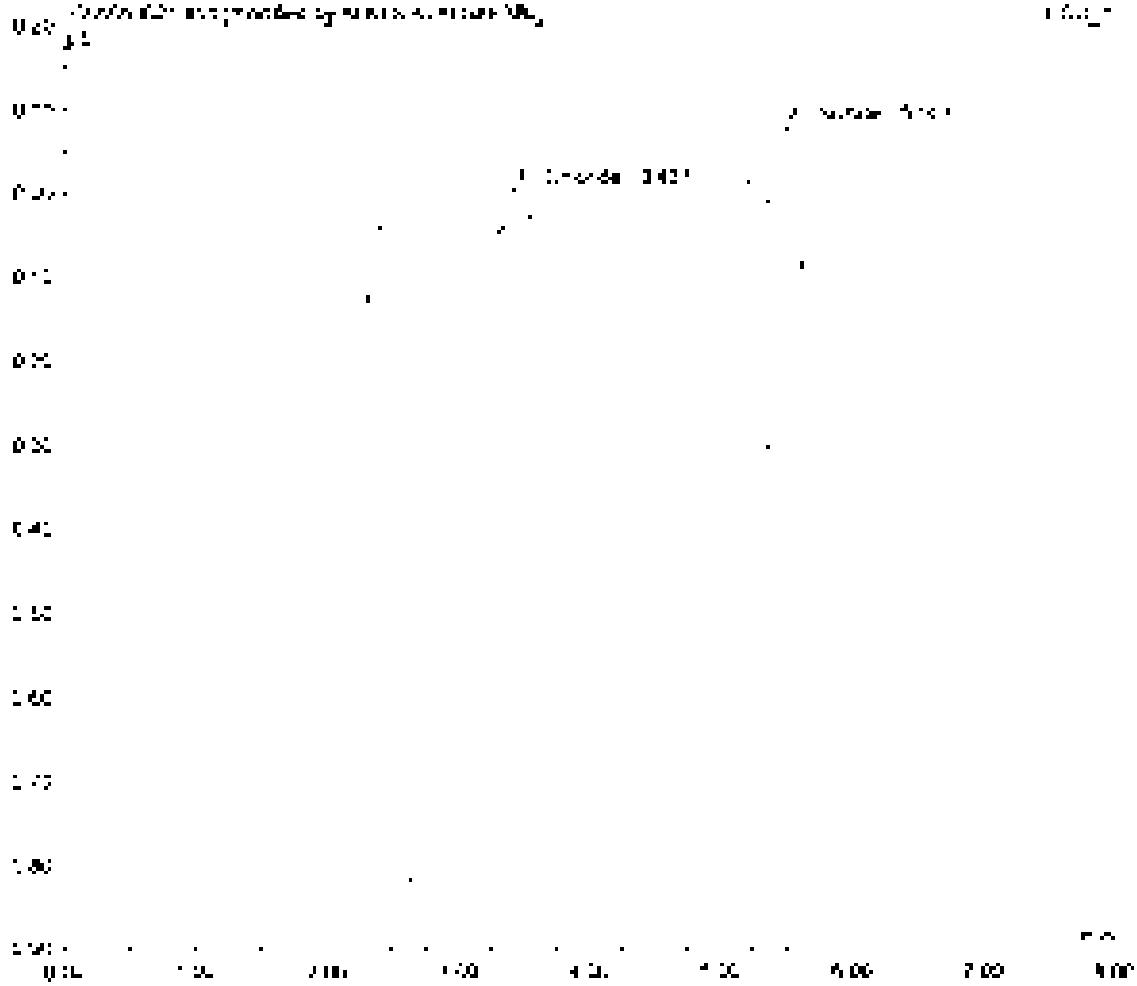


Before

JUL 11

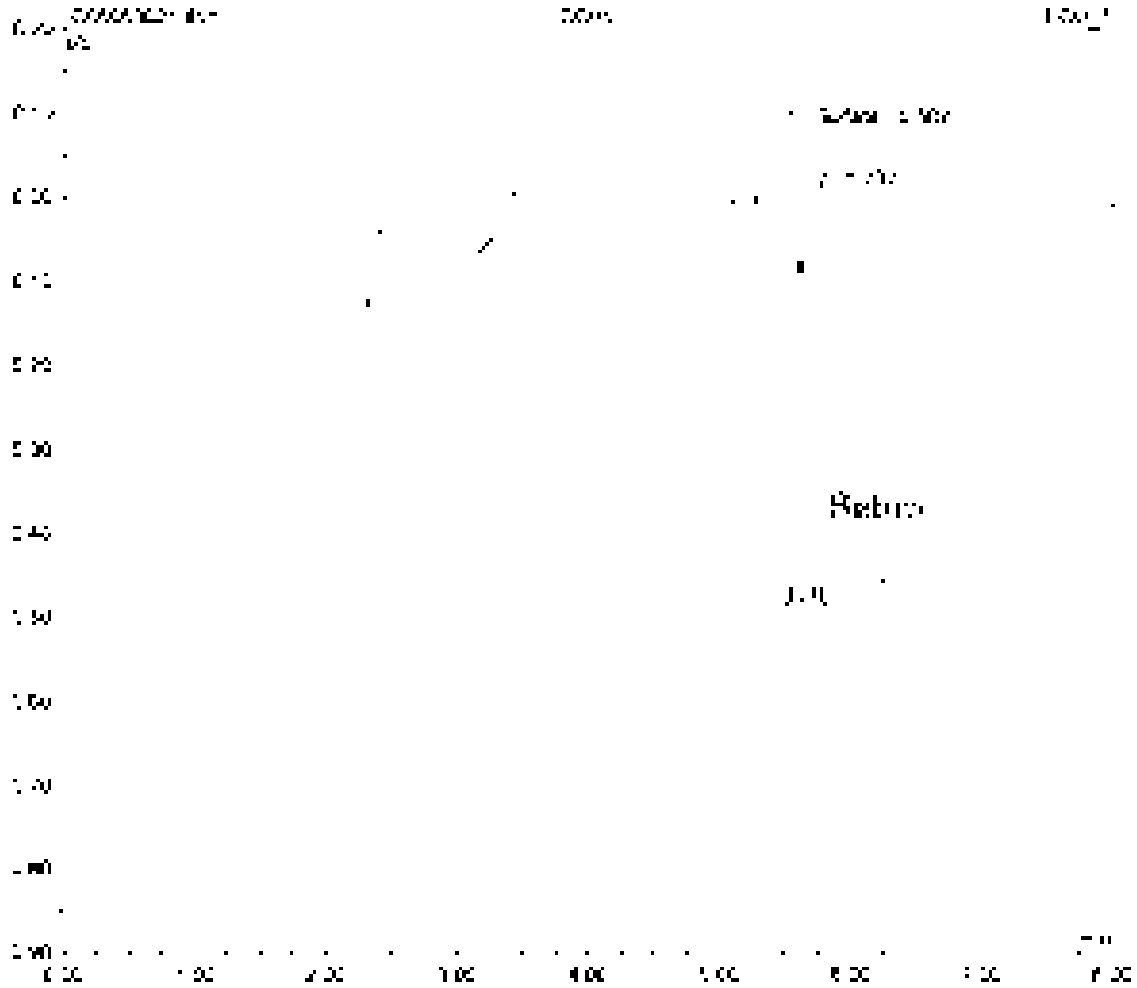
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Acq. Date	[illegible]

No	Time min	Peak Name	Type	Area µS/cm	Height µS	Amount
[illegible]	[illegible]	Chloride	BV	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	BV	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



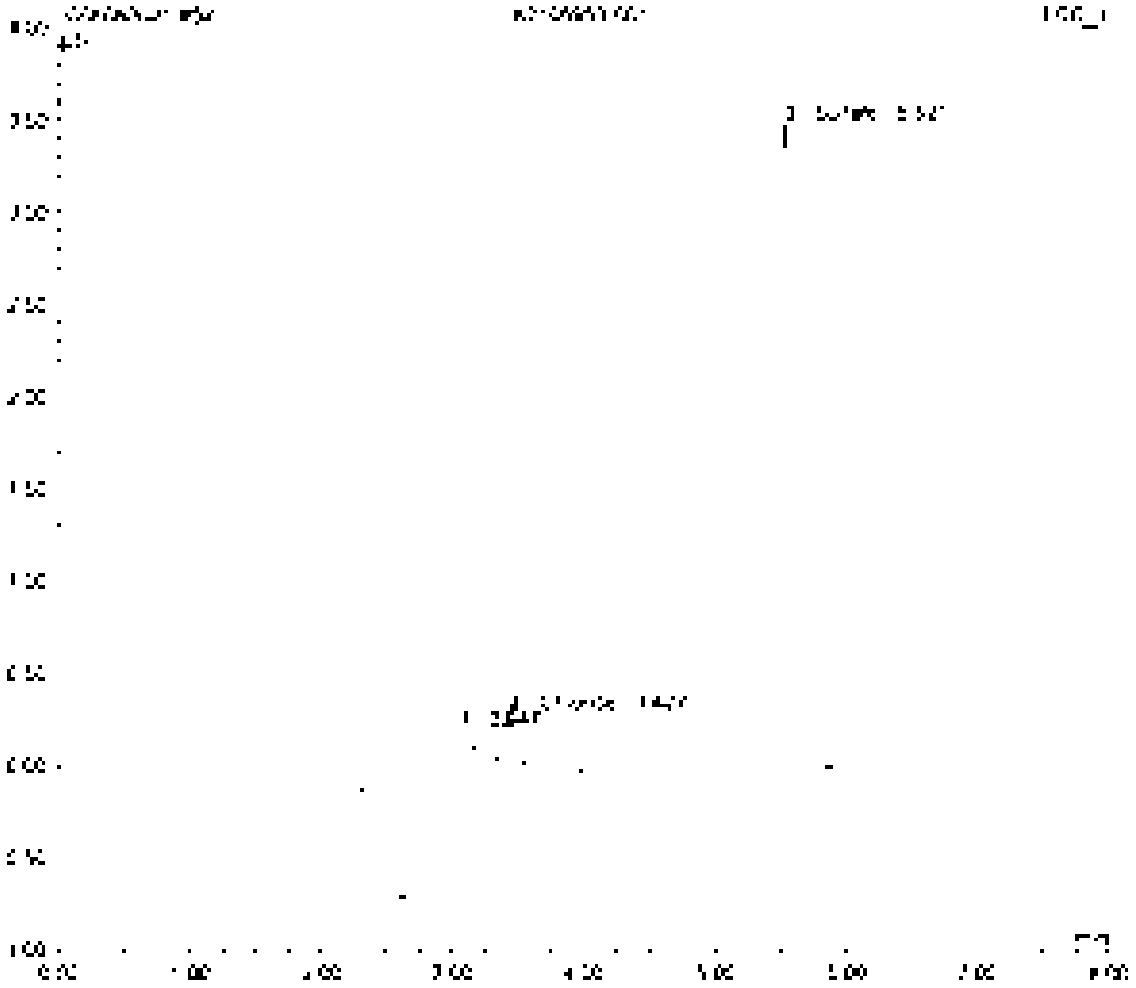
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



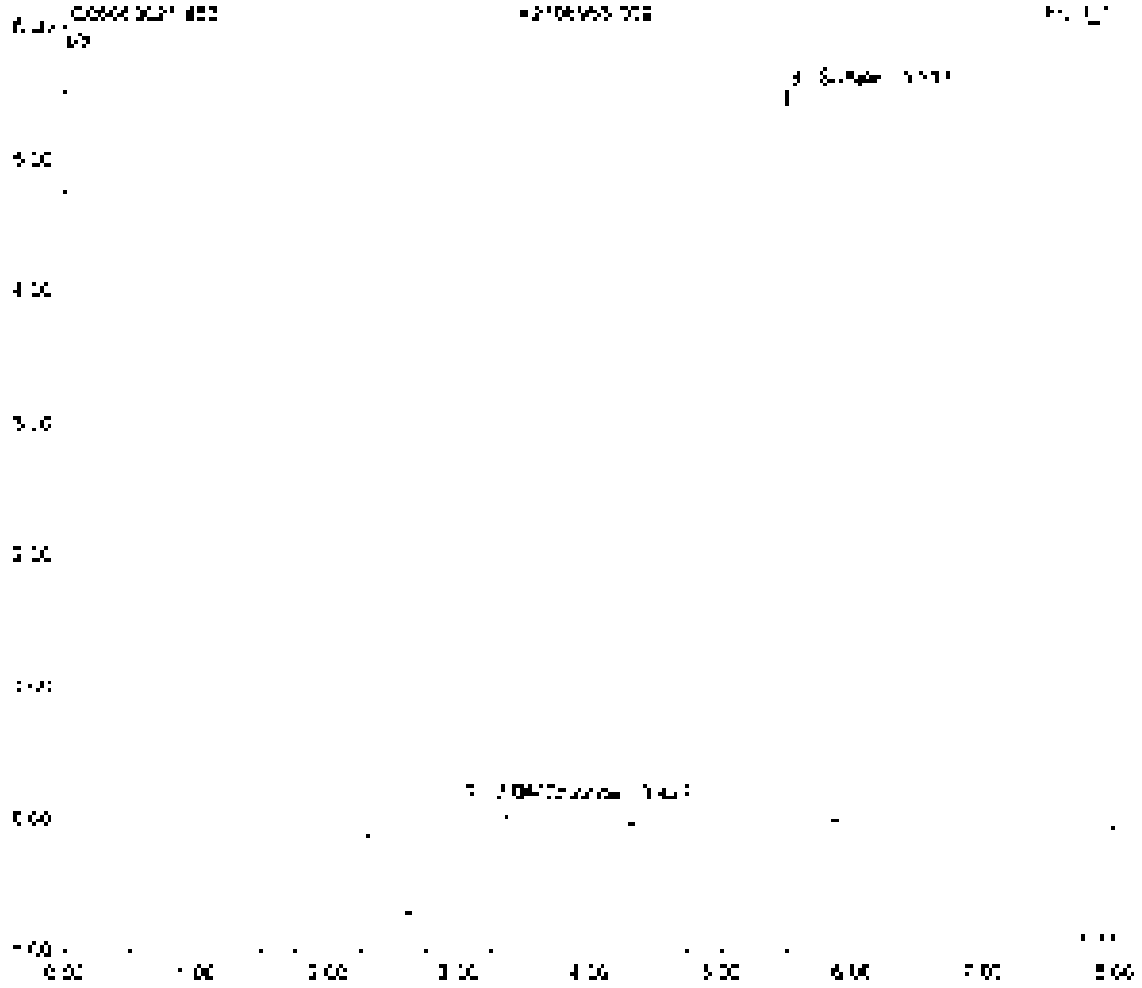
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



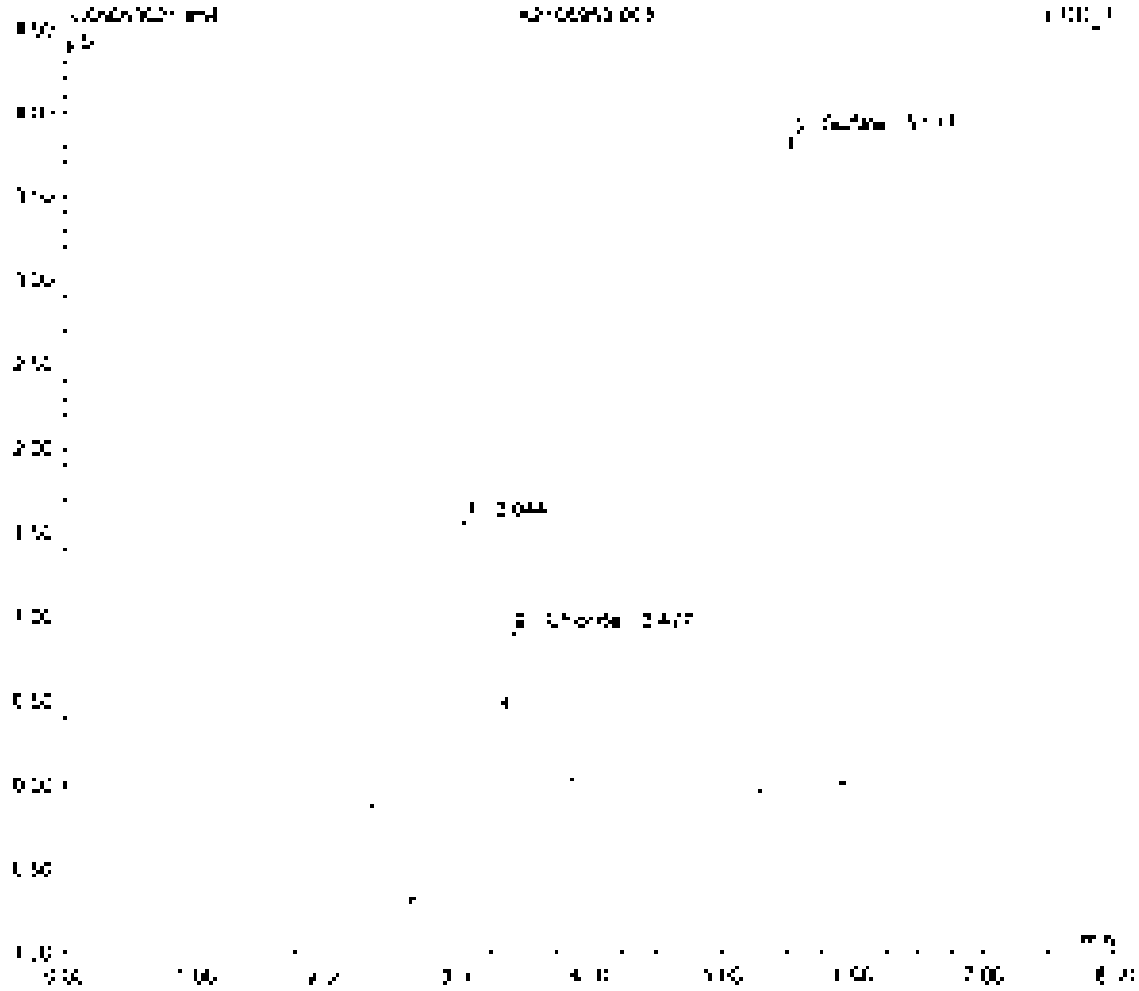
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS/cm	Height µS	Amount
1	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



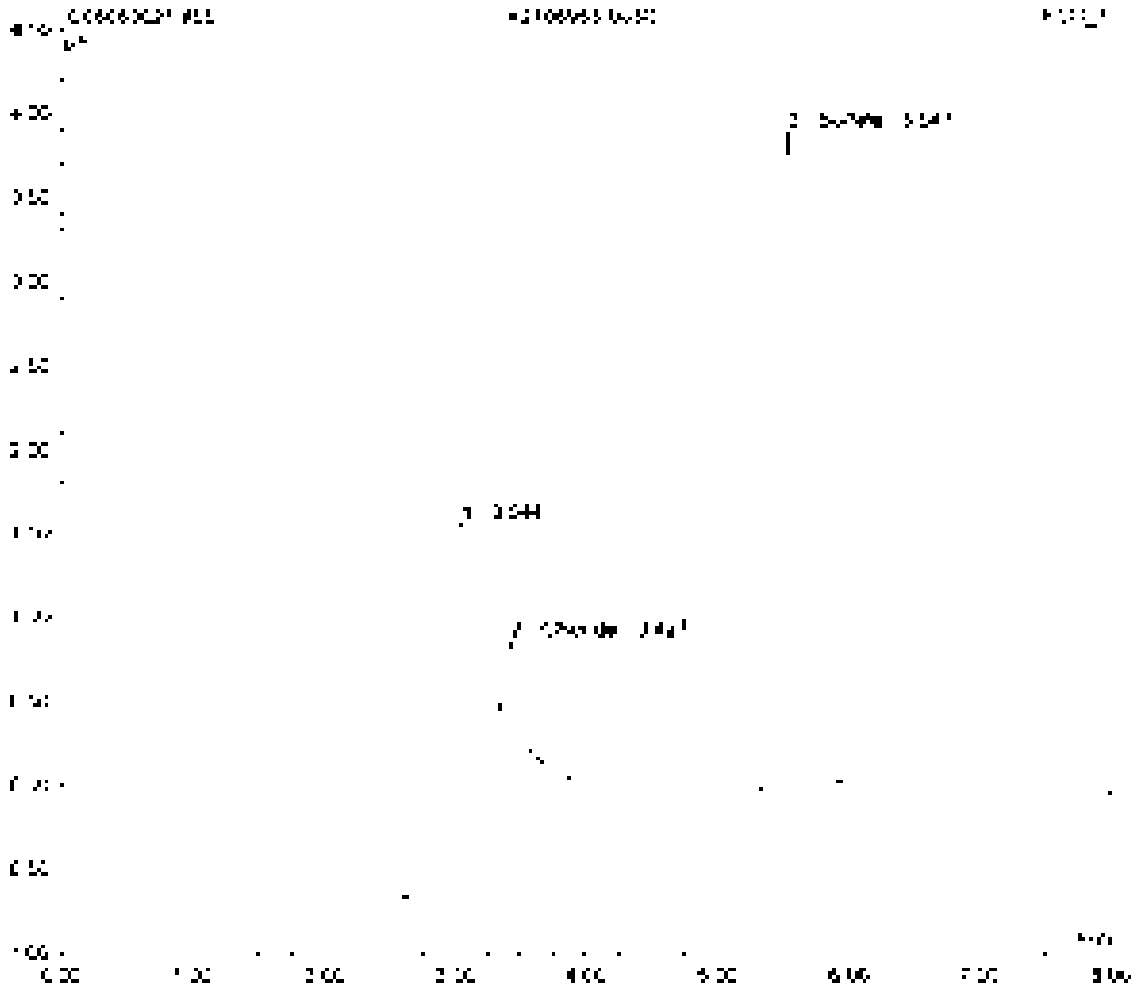
Sample Name	[illegible]	Injection	[illegible]
Sample Type	unknown	Dilution Factor	100.0000
Program	[illegible]	Operator	n/a
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



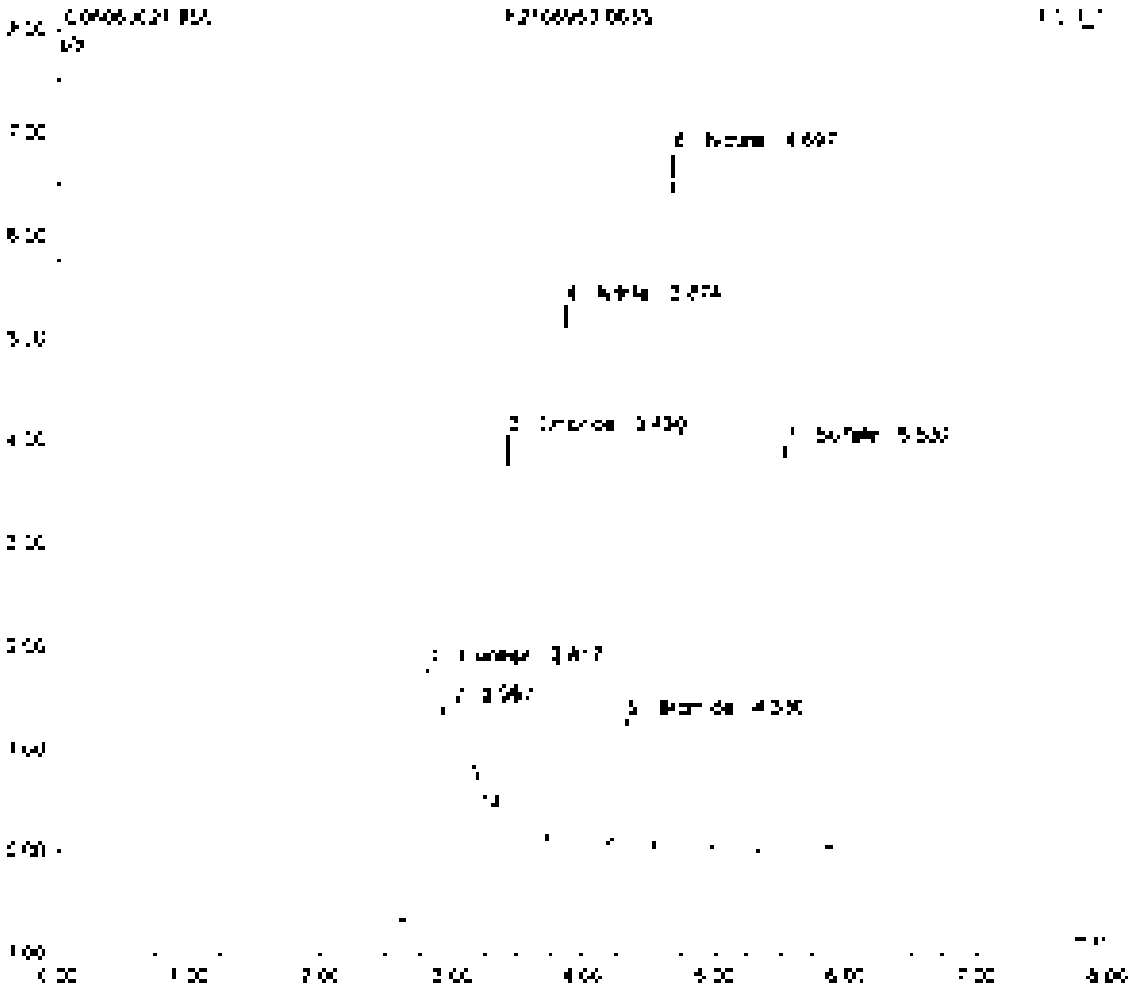
Sample Name	[illegible]	Inj Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj Date/Time	[illegible] 11:33	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/cm	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



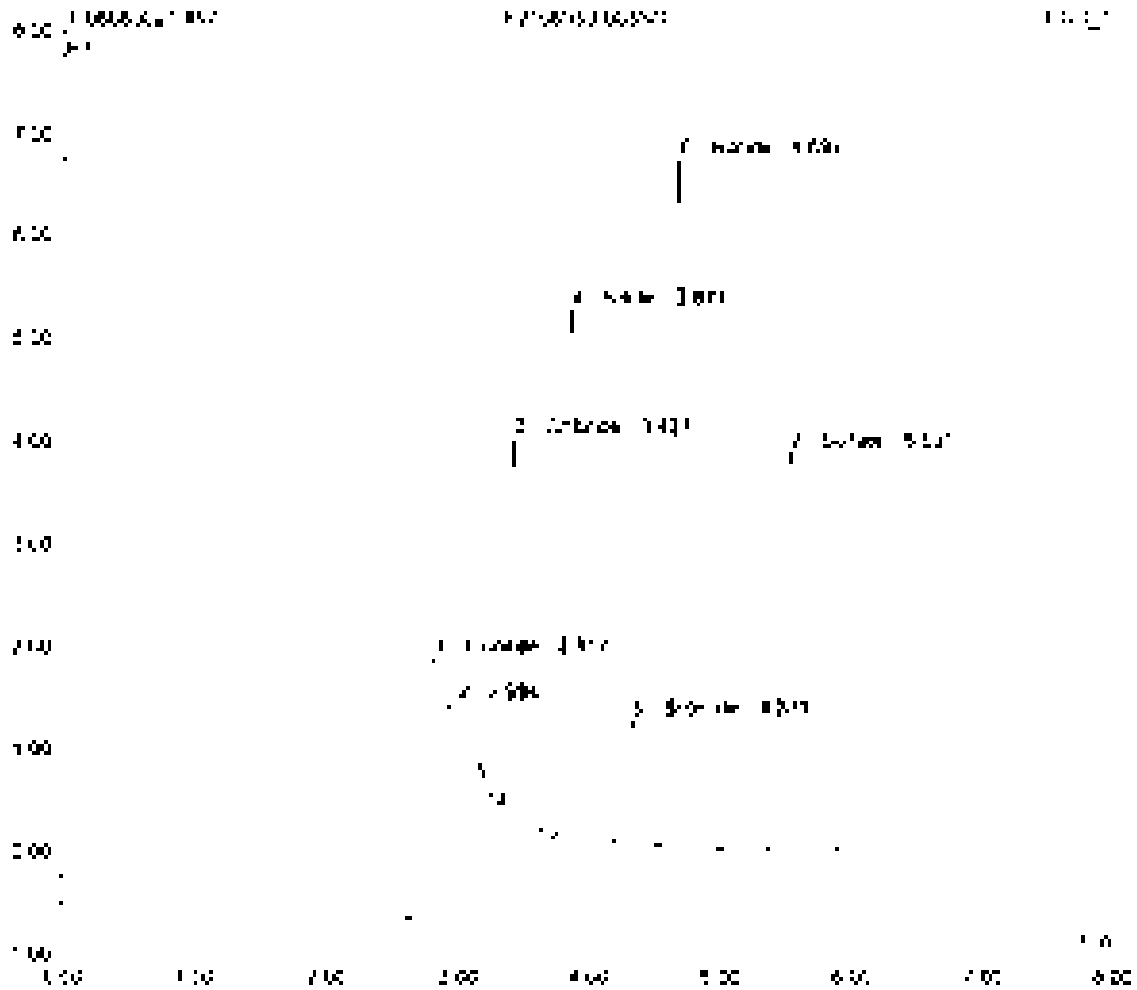
Sample Name	[illegible]	Vial	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible] 11:33	Run Time	[illegible]

No	Time min	Peak name	Type	Area µS/cm	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



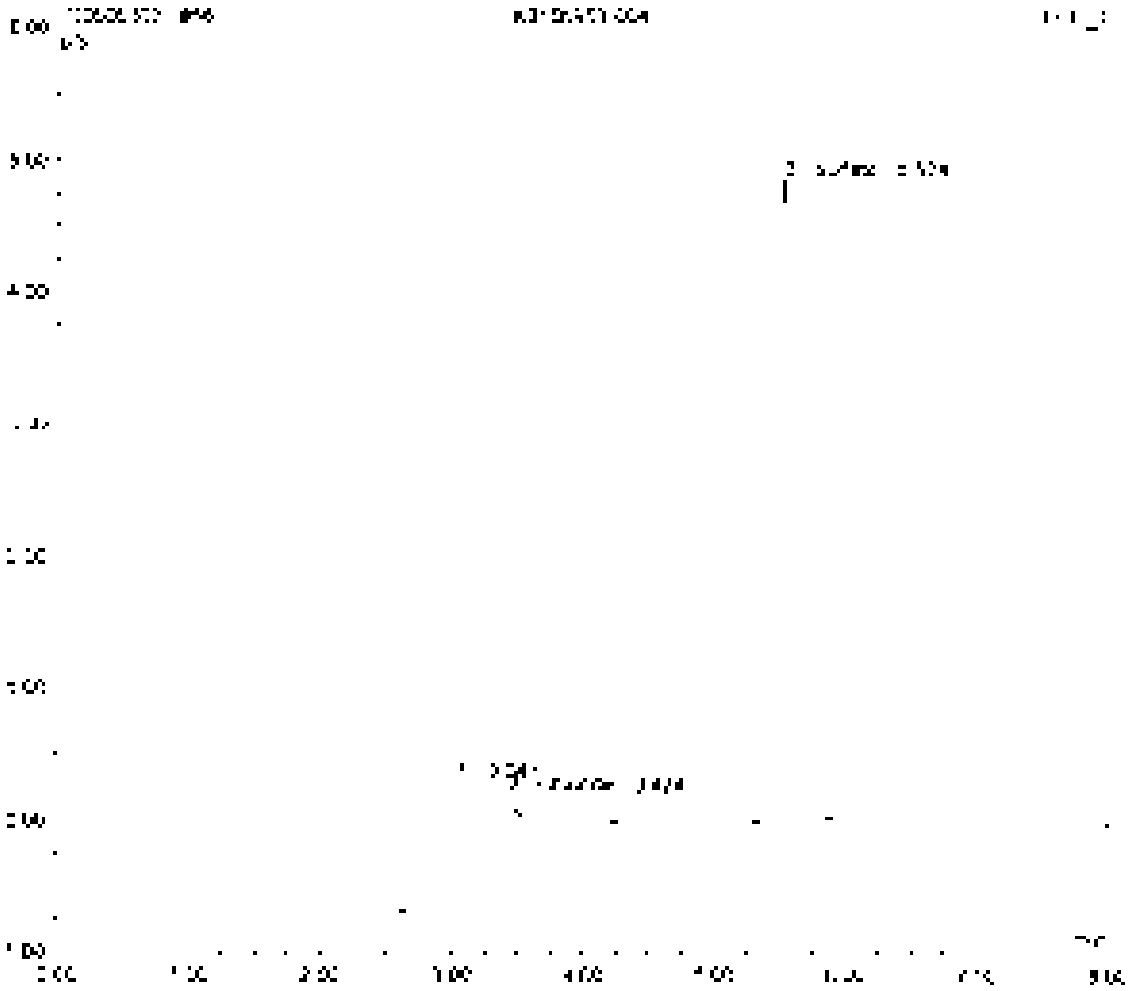
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



Sample Name	[illegible]	Inj Vol	[illegible]
Sample Type	Unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj Date/Time	[illegible]	Run Time	[illegible]

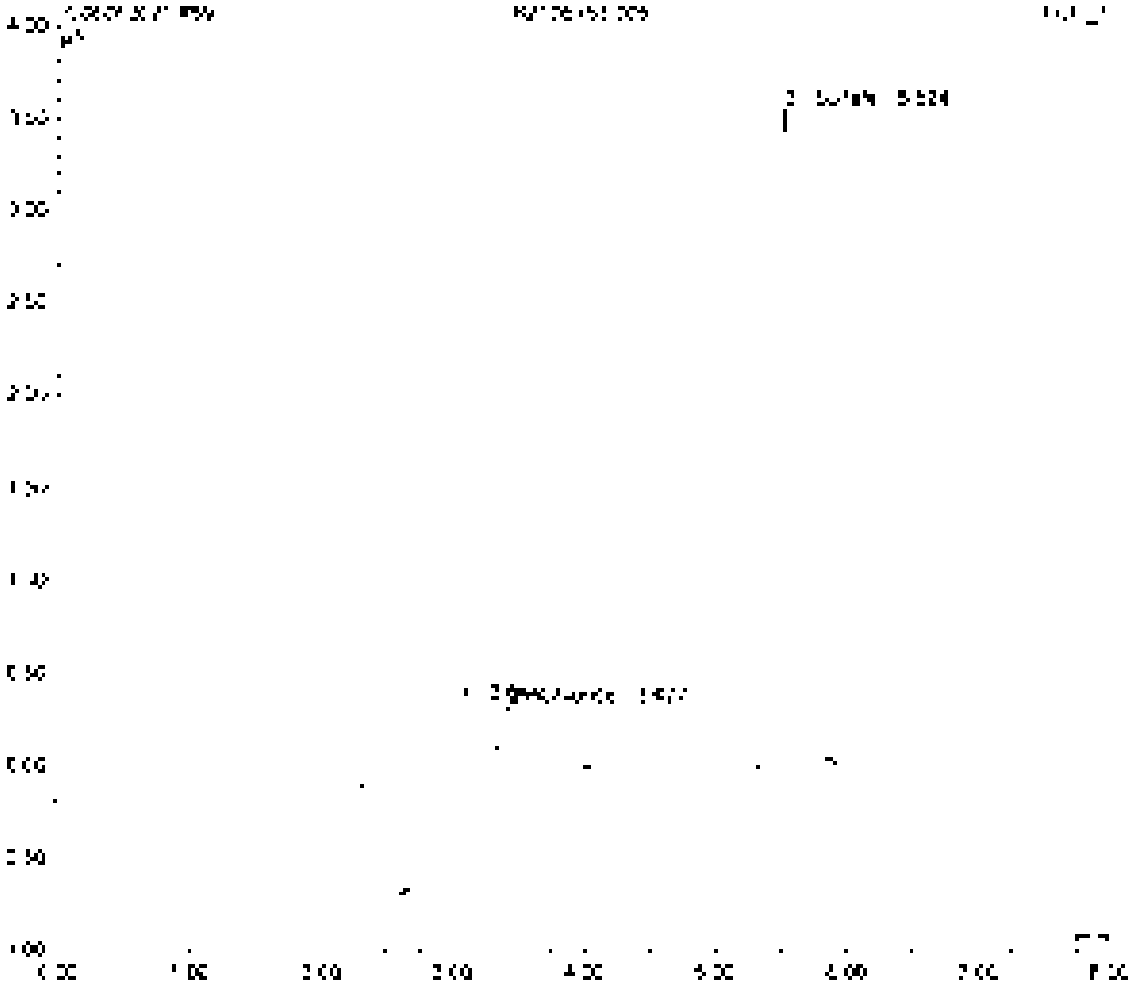
No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



Chromeleon ©, Dionex 1990-2008
Version [illegible]

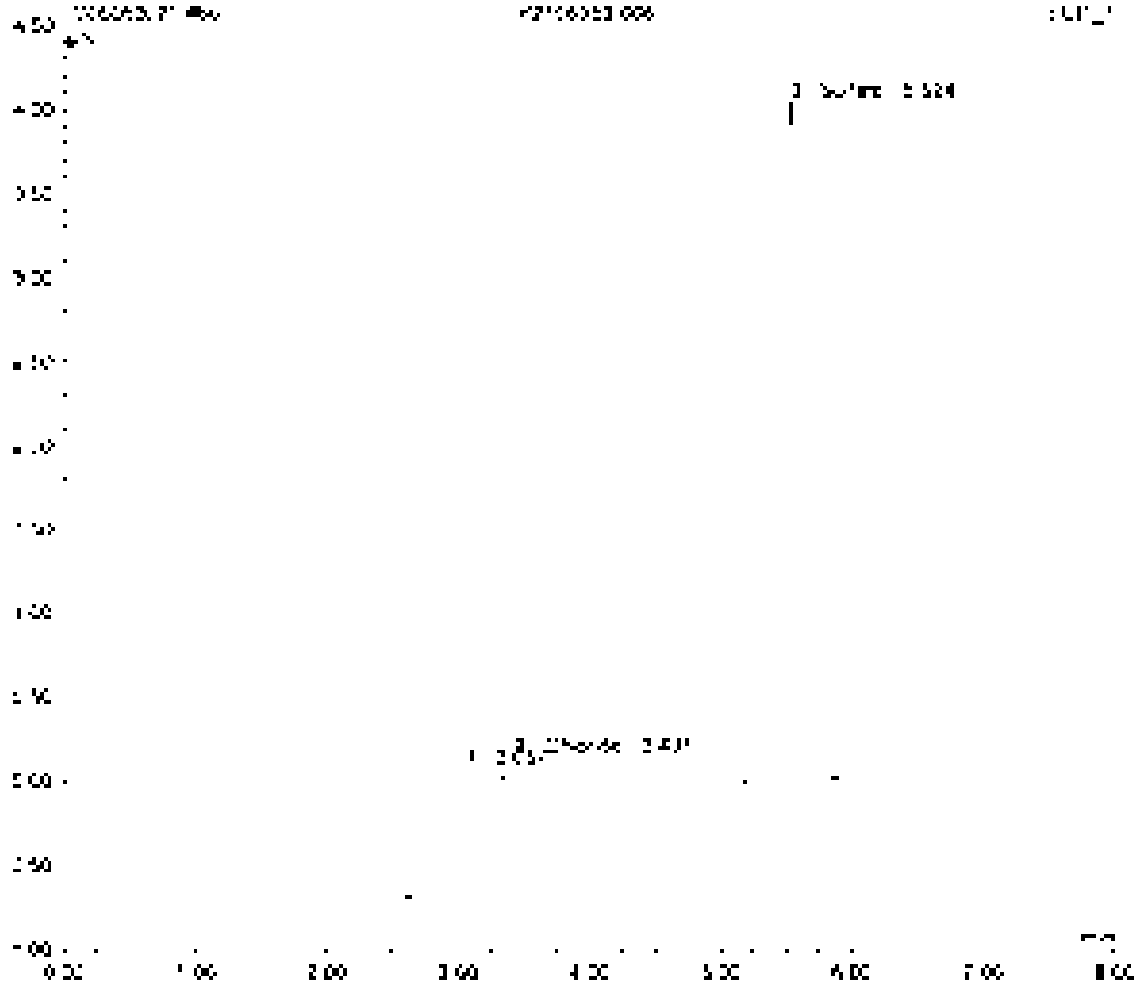
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Column Heater	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Exp. Date	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]


µS
[illegible]
[illegible]
[illegible]

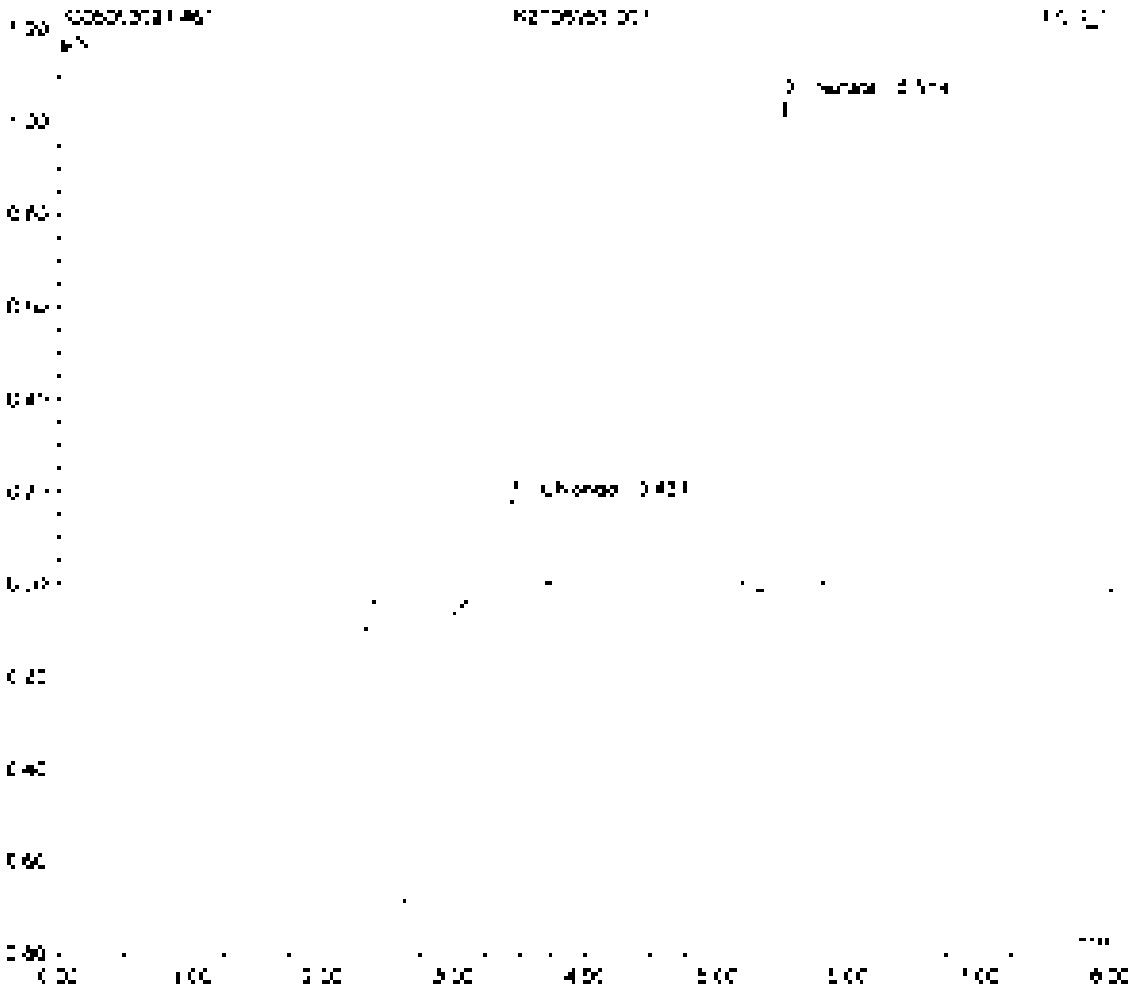
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program:	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



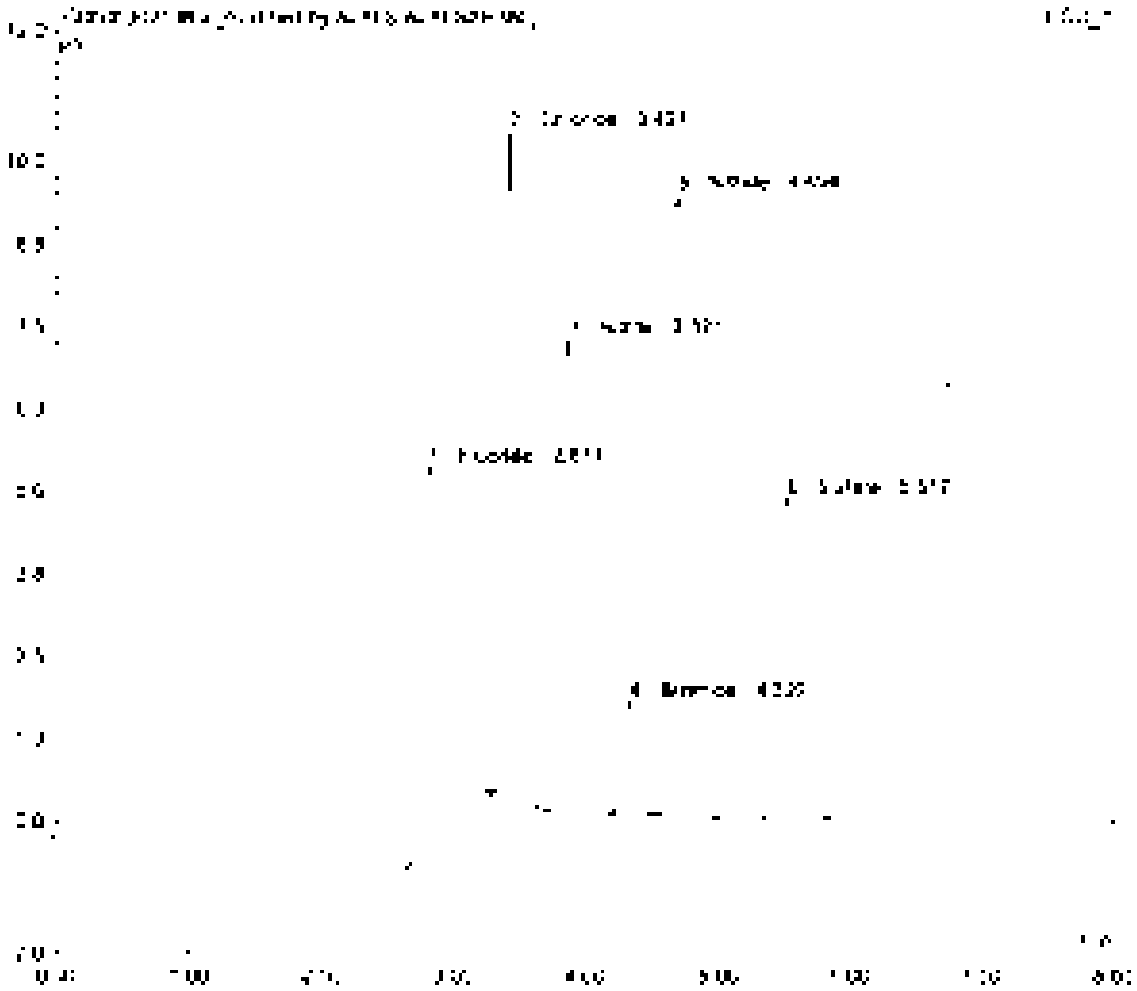
Sample Name	[illegible]	Inj. Vol	25.0
Sample Type	Unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Sub Zone	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
1	[illegible]	Chloride	BMB	[illegible]	[illegible]	[illegible]
2	[illegible]	Sulfate	BMB	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



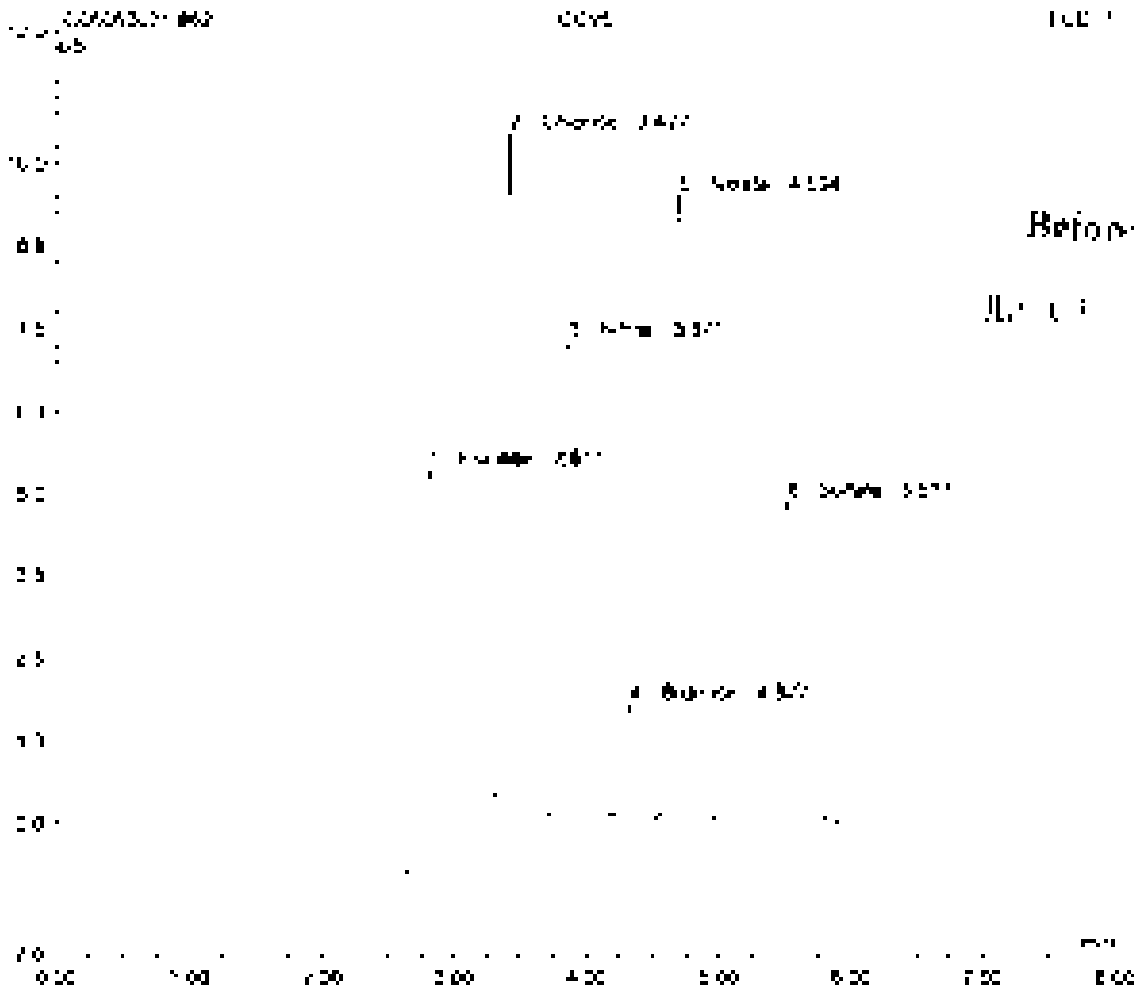
Sample Name	CCV8	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	MVH*	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	MVH*	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	MVH*	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	MVH*	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	MVH*	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	MVH*	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



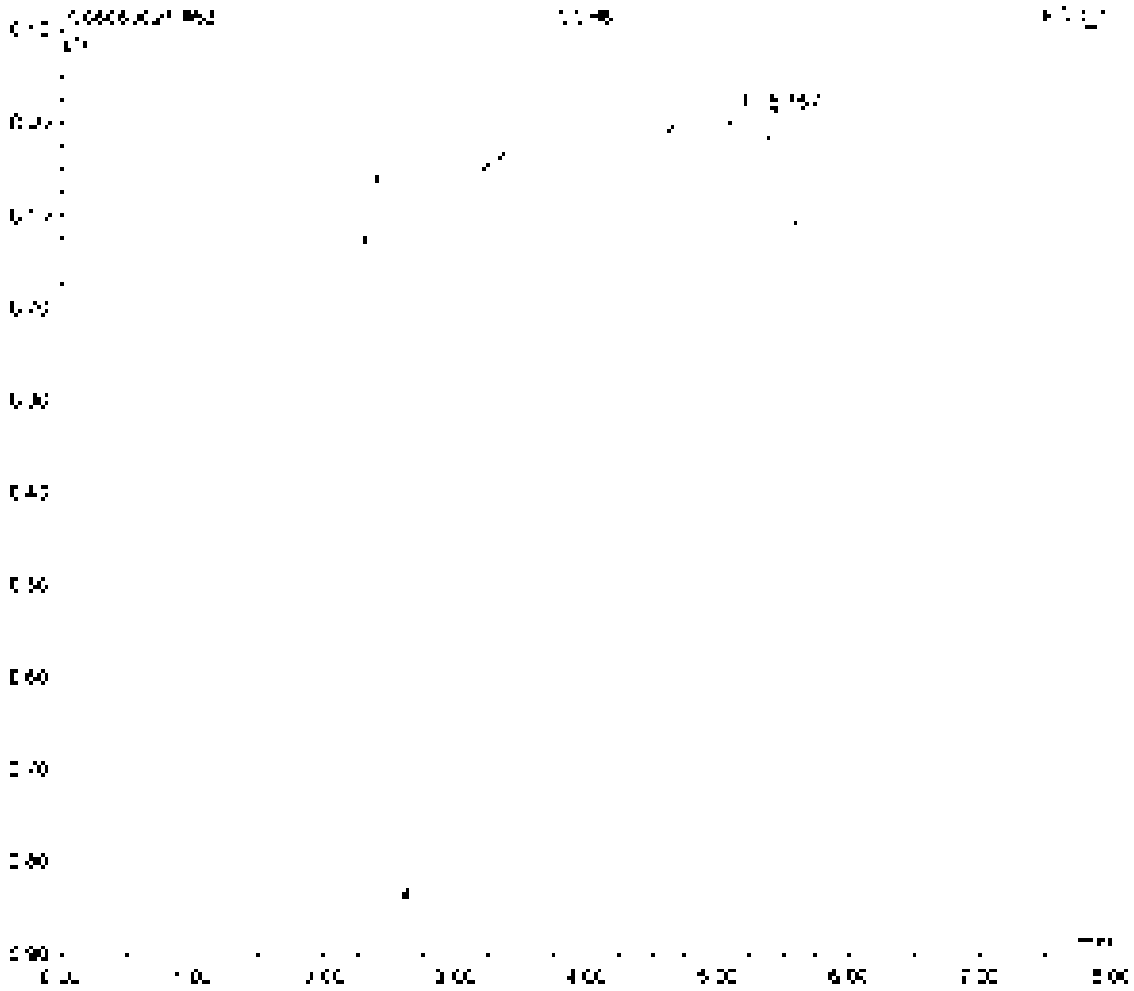
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



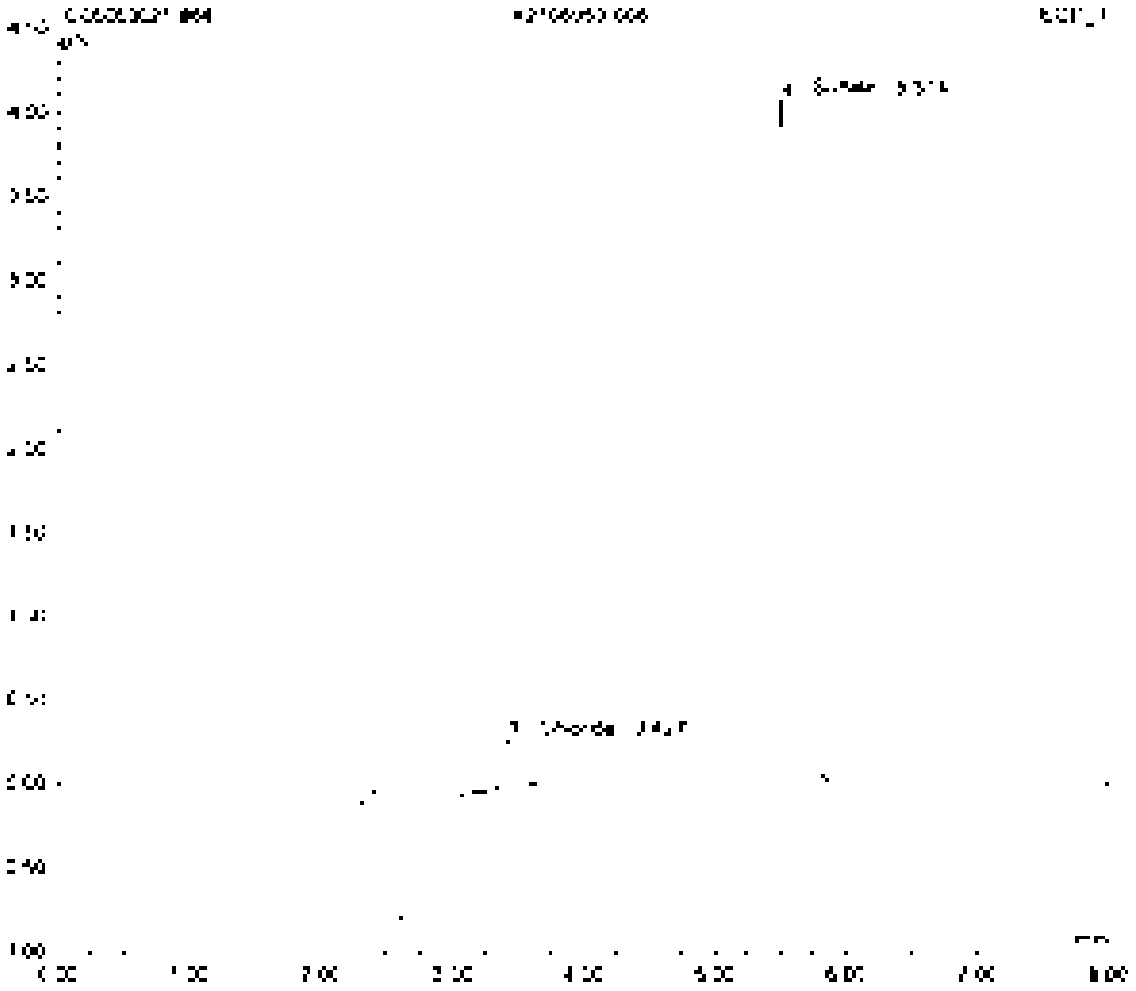
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date-Time	[illegible]	Avg. Conc.	[illegible]

Inj	Type min	Peak Name	Type	Area µS/min	Height µS	Amount
		TOTAL		[illegible]	[illegible]	[illegible]



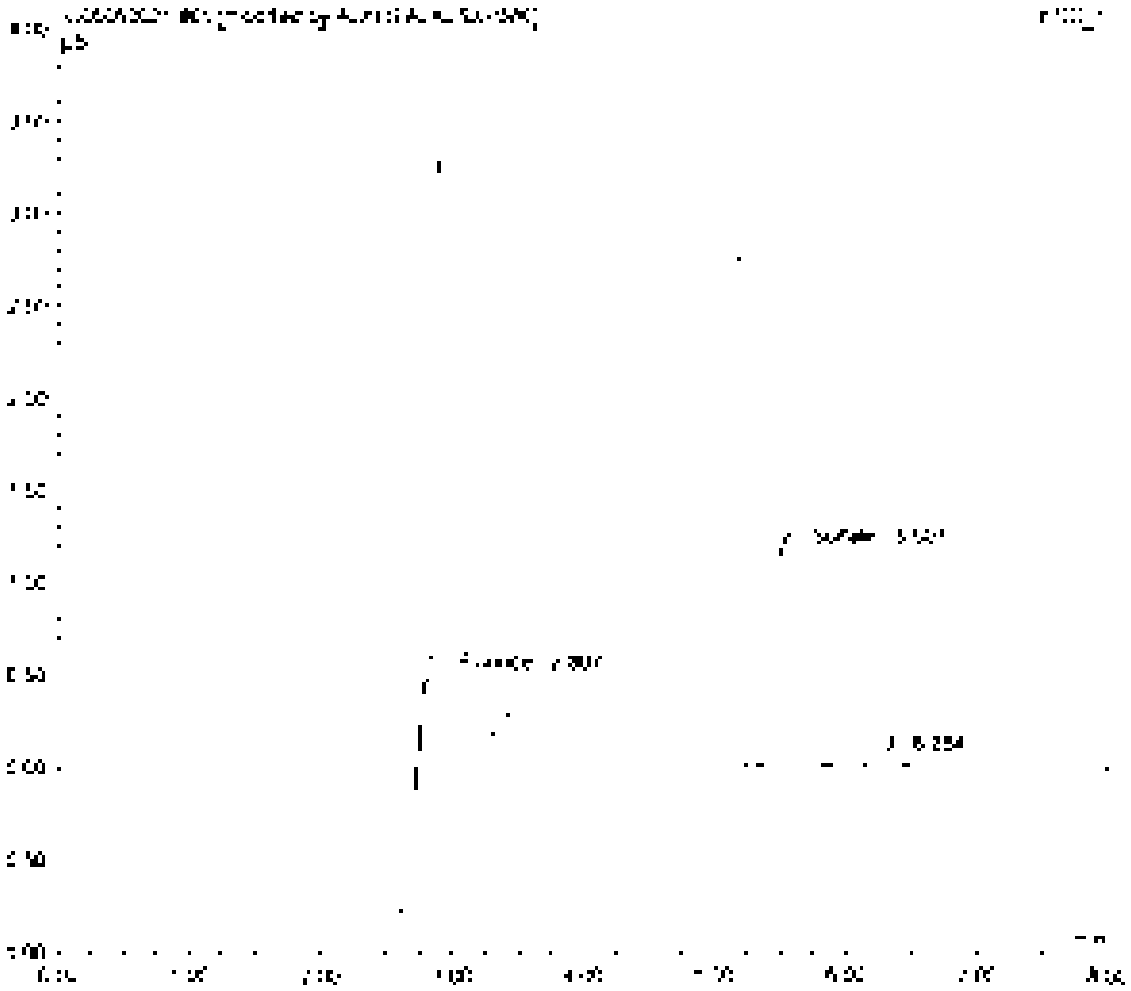
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible] 14:04	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



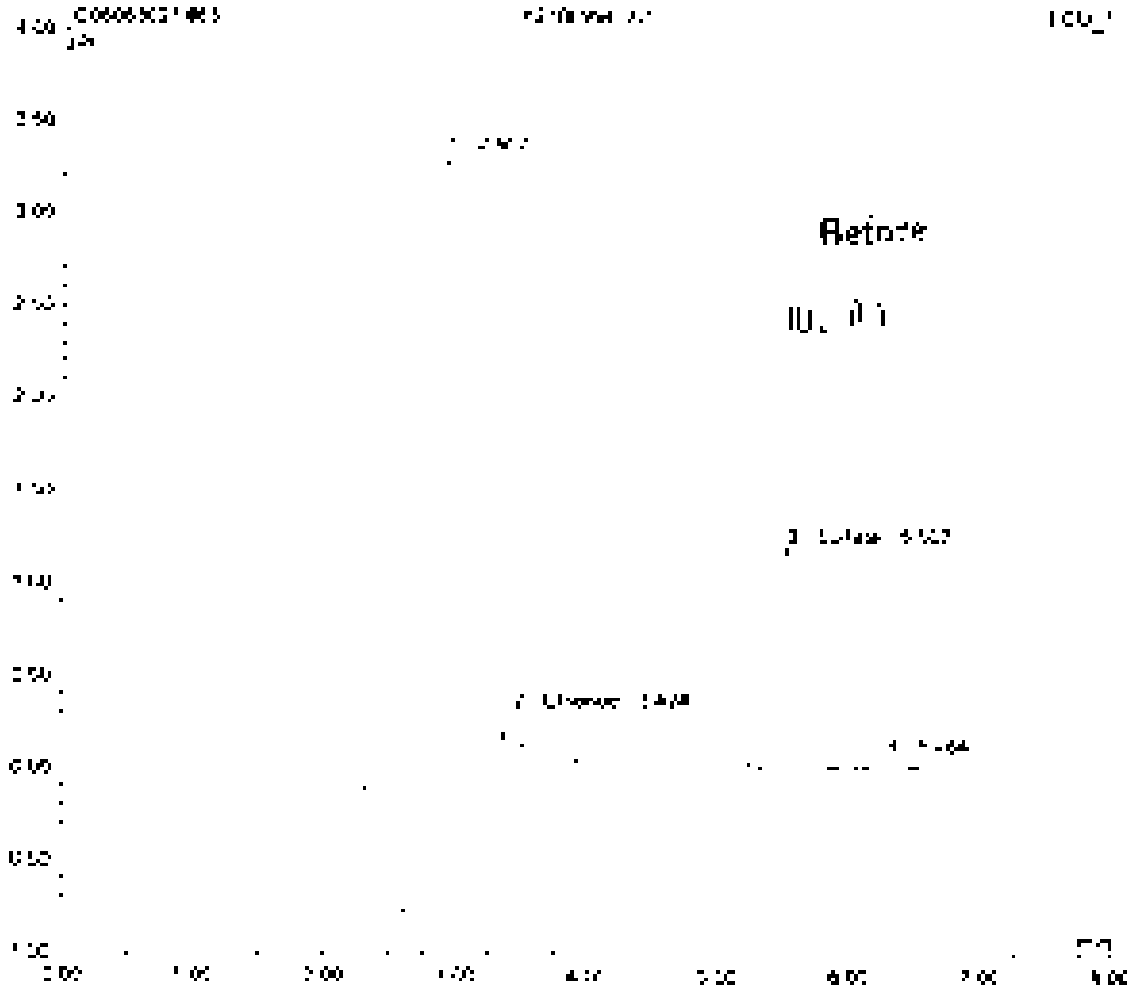
Sample Name	[illegible]	Inj Vol	[illegible]
Sample Type	unknown	Calibration Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



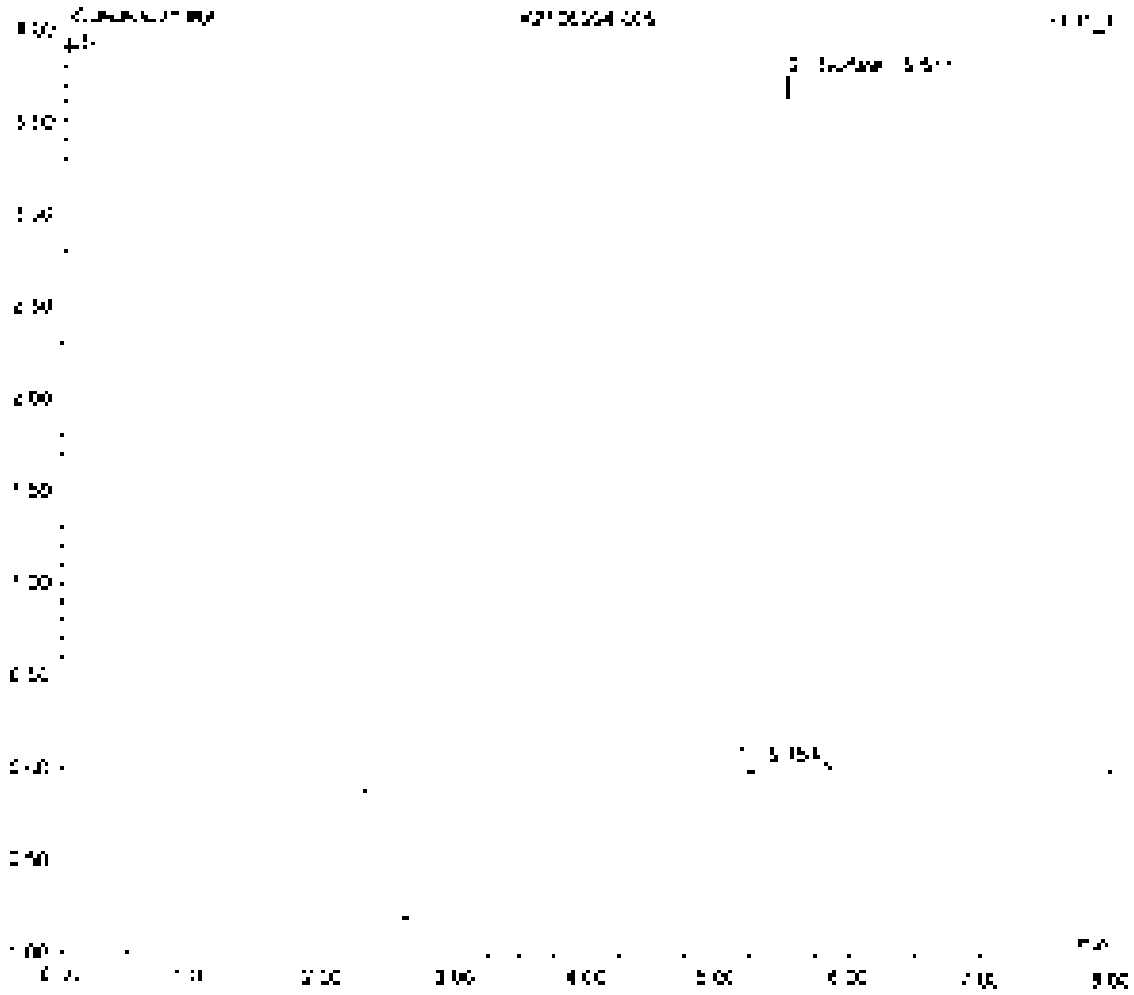
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible] 14:11	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



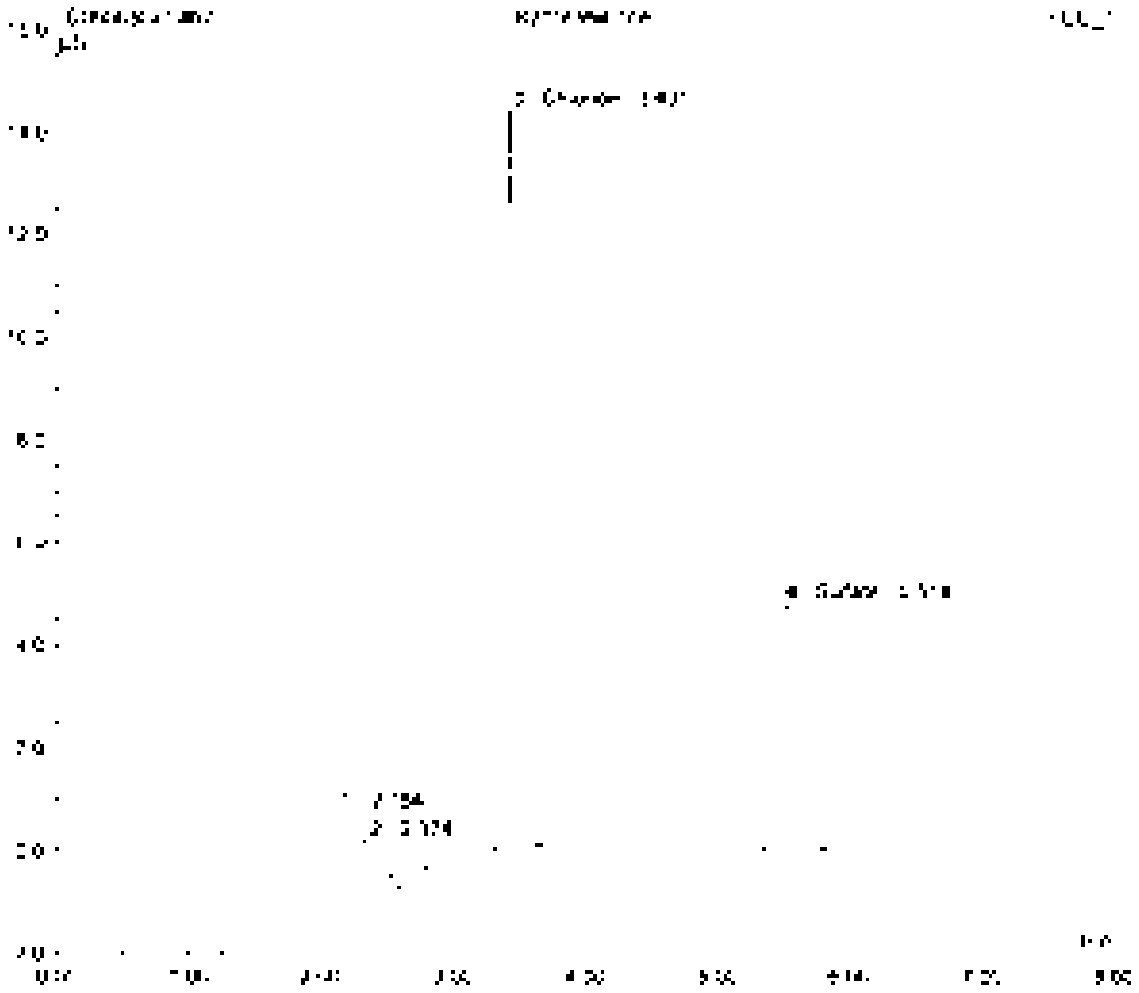
Sample Name	[illegible]	Inj. Vol	20.0
Sample Type	unknown	Dilution Factor	1.00000
Program	180_9c	Operator	n.a.
Inj. Date/Time	07/06/2021 14:24	Run Time	8.00

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	5.31	S-Lyse	BMPH	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



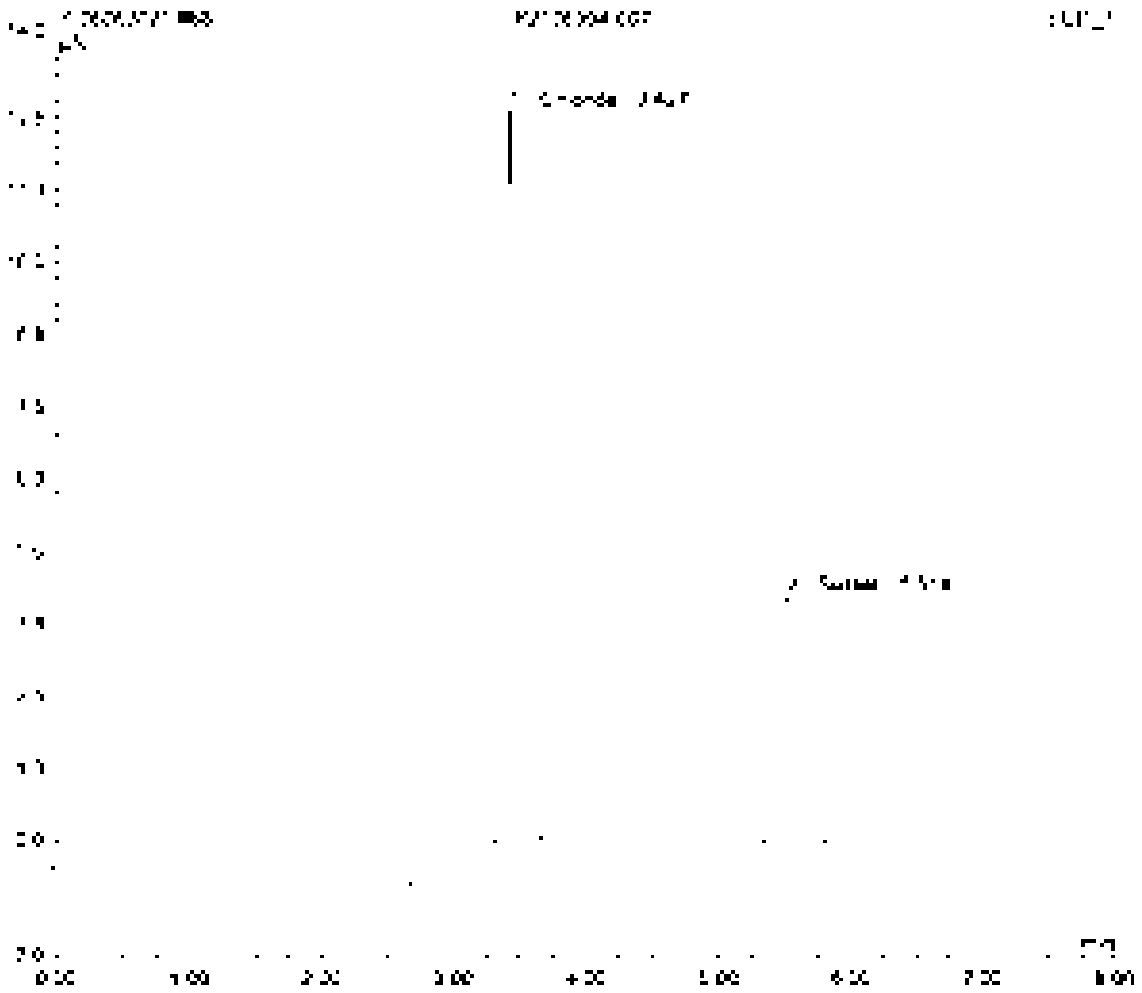
Sample Name	[illegible]	Inj. Vol.	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



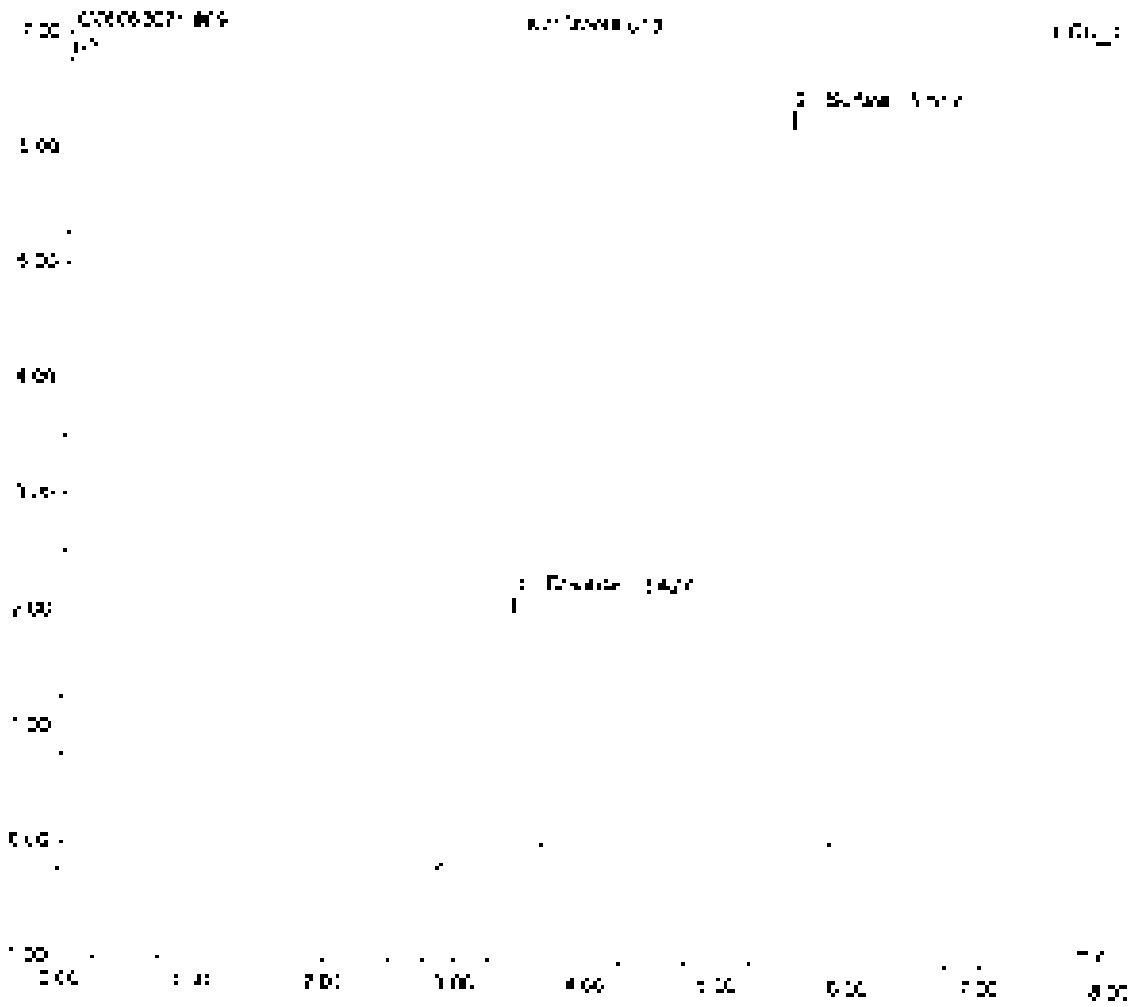
Sample Name	[illegible]	Inj. Vol	35.0
Sample Type	unknown	Dilution Factor	100.0000
Program	300 Inc	Operator	[illegible]
Inj. Date/Time	[illegible] 14:41	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]


[illegible]
[illegible]
[illegible]

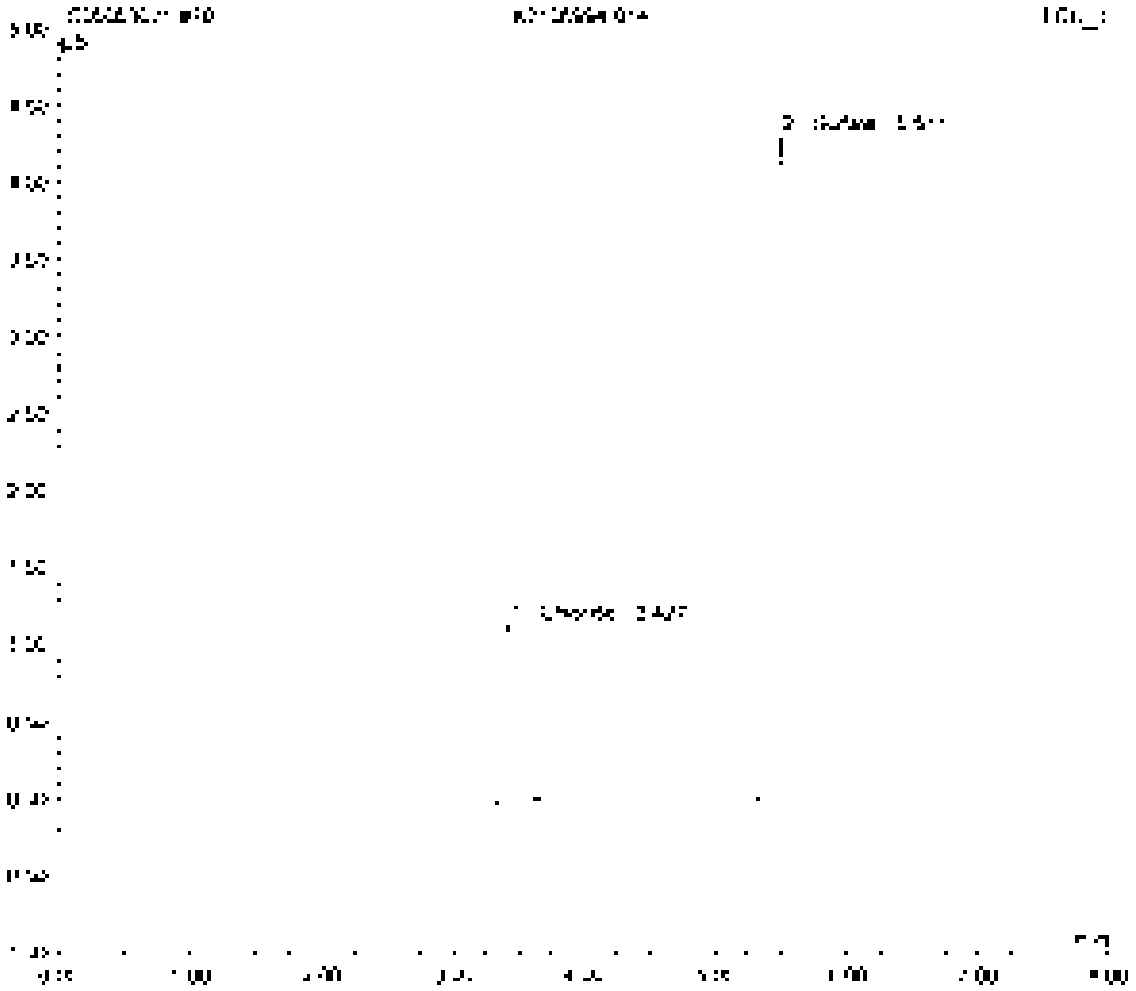
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time (min)	Peak Name	Type	Area (µV*sec)	Height (µV)	Amount (µg/ml)
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total:				[illegible]	[illegible]	[illegible]



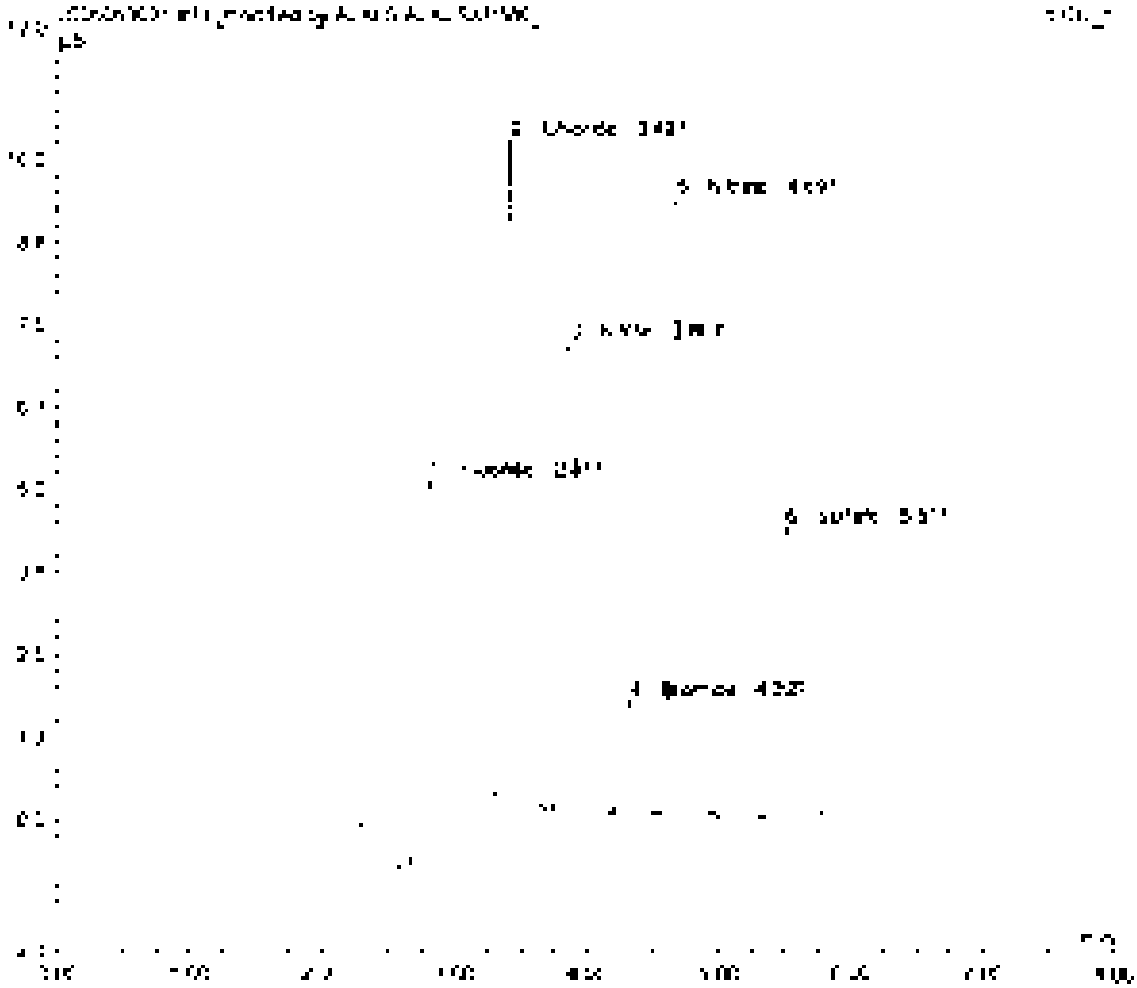
Sample Name	[illegible]	RT Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



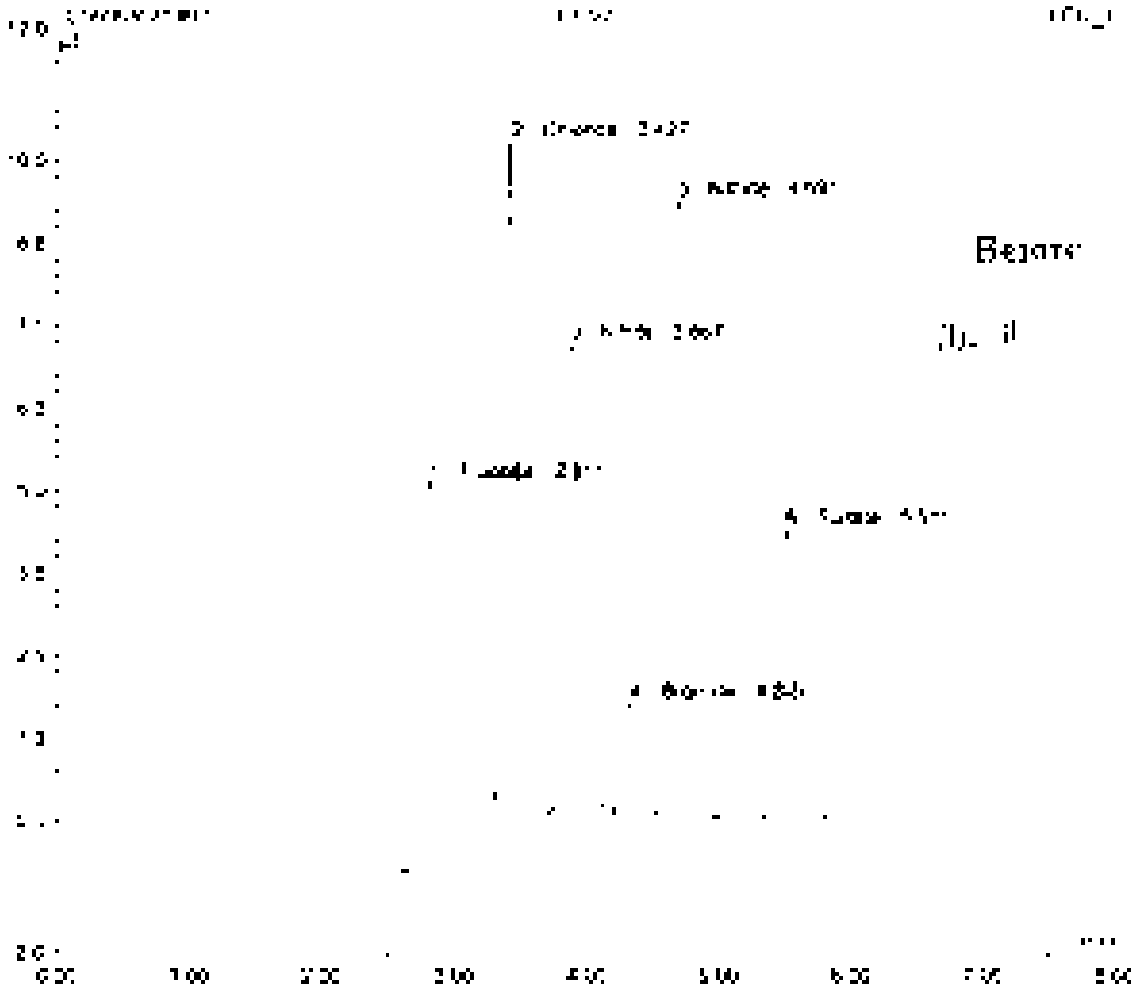
Sample Name	DGW	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	1.0000
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



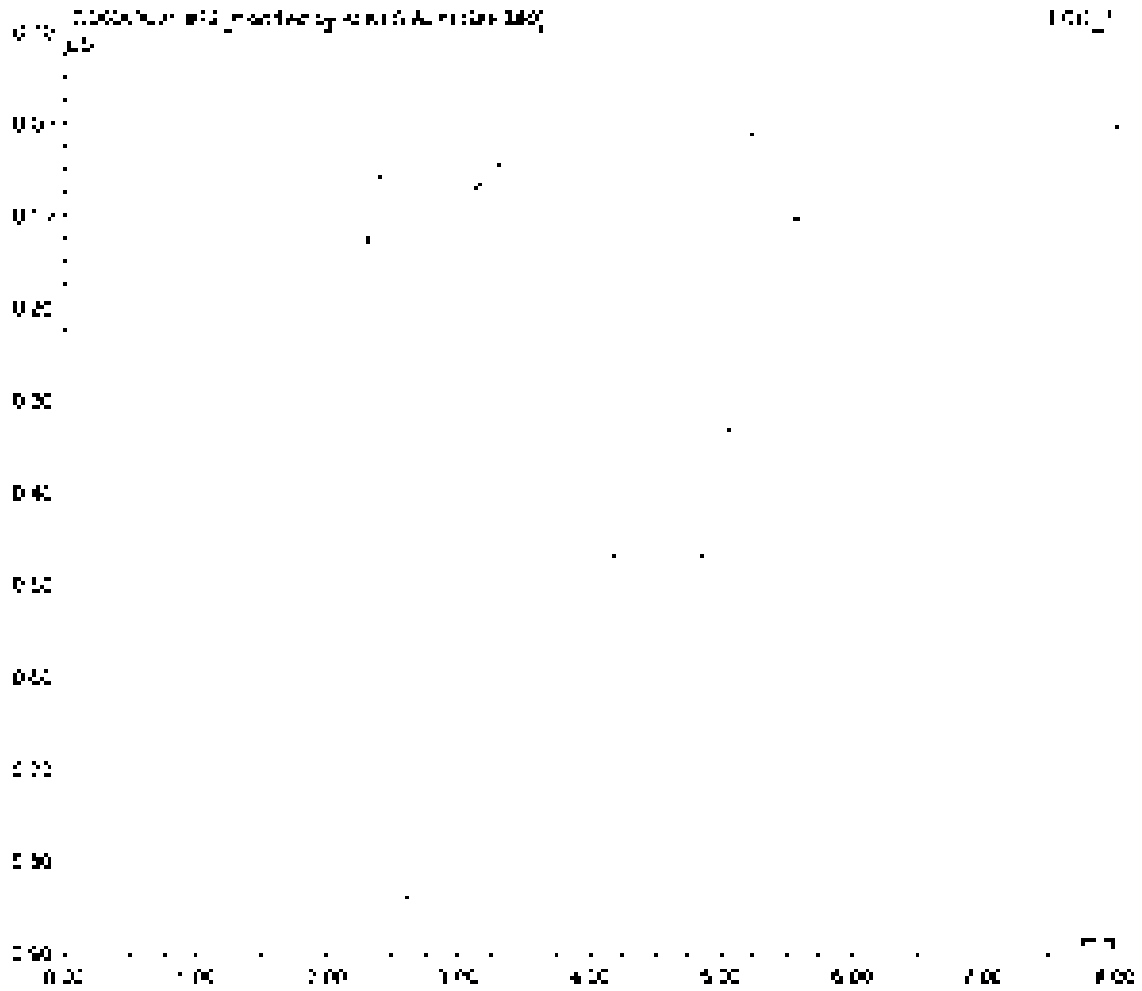
Sample Name	CCVT	Inj. Vol	35.0
Sample Type	unknown	Dilution Factor	1.0000
Program	300 lic	Operator	n/a
Inj. Date/Time	6/30/21 18:12	Run Time	8.00

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	BM	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	VM	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	HMM	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



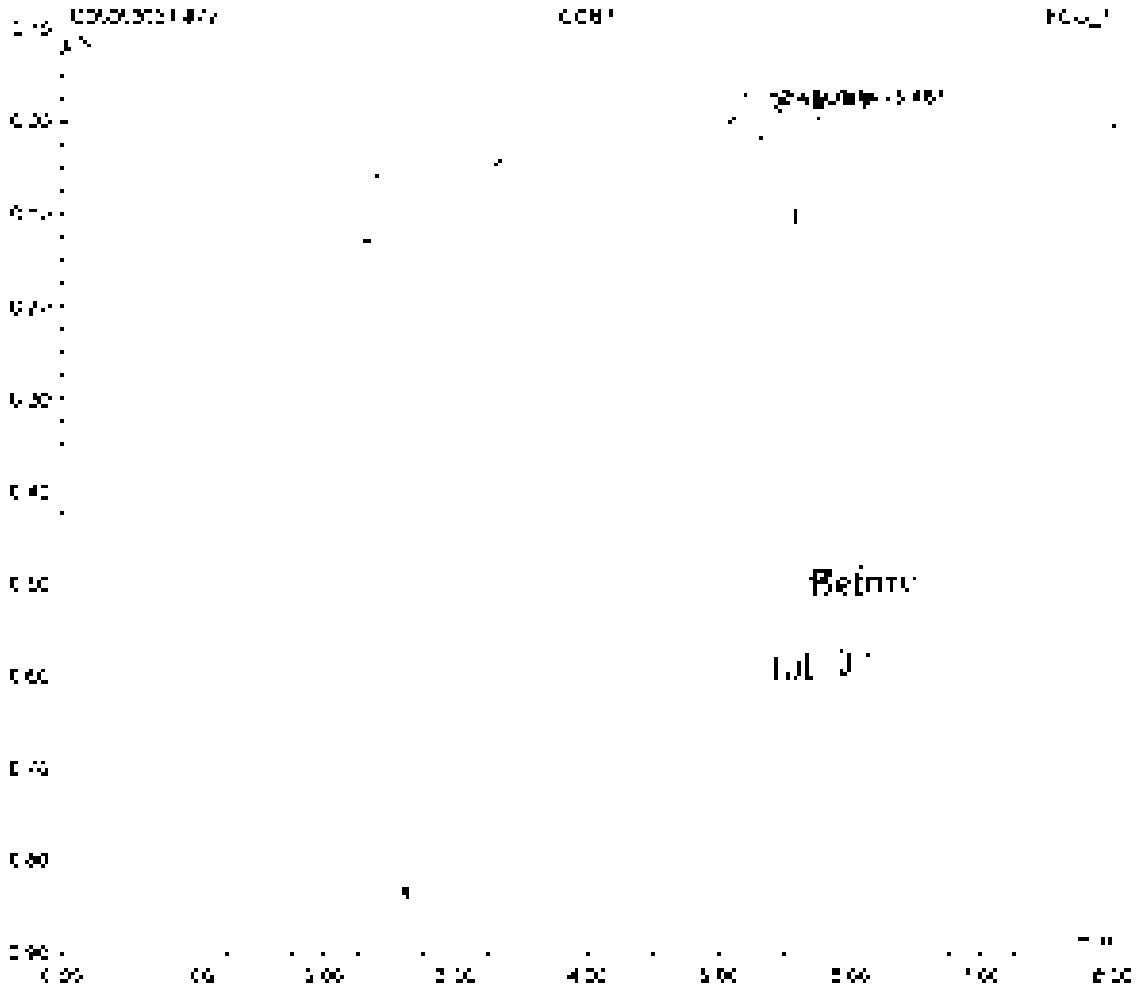
Sample Name	CCB7	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	1.0000
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Acc. Conc.	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
		TOTAL		[illegible]	[illegible]	[illegible]



Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



Work Request # [illegible]

Date [illegible]

Data Analyst: [illegible]

Analyst: MAG

Analyst [illegible]

DATA QUALITY REPORT
INORGANICS

Explain any "no" responses to questions below, and any corrective actions in the comments section below.

1	Is the method name and number correct and appropriate?	yes/no/NA
2	Holding times met for all analytes and for all samples?	yes/no/NA
3	Are calculations correct?	yes/no/NA
4	Is the reporting basis correct? (Dry Weight)	yes/no/NA
5	All results correctly transferred?	yes/no
6	Is the calibration curve correlation coefficient [illegible]?	yes/no/NA
7	MDL, QCS, CCVs, ICSs, Dups, and Spikes analyzed at proper frequency?	yes/no/NA
8	Are ICVs, CCVs, and ICSs all within acceptance limits?	yes/no/NA
9	Are results for methods blanks all < MDL?	yes/no/NA
10	Are all QC samples within acceptance criteria? (LCS Form, MS/MSD Form, DUP or MS/MSD RPD, etc.)	yes/no/NA
11	Are all exceptions explained?	yes/no/NA
12	Have applicable service requests been reviewed?	yes/no/NA
13	Are all samples labeled correctly?	yes/no/NA
14	Have all corrections on the service request been followed? (e.g. Special MRL's, QC on a specific sample, Form V)	yes/no/NA
15	Are detection limits lowest levels reported correctly?	yes/no/NA
16	Is the unused space on the bench sheet crossed out?	yes/no/NA
17	Was analysis turned in by the due date? (If not, need SRR)	yes/no/NA

COMMENTS:

-- Not enough sample to run QC work-on Total TOC samples. Three ICS/BICS were run

Final Approved by: [illegible] Date: [illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Dt: [illegible] Method/Extraction: [illegible]

Lab Sample	Target Analyte	Qlf	Parent Sample	Matrix	Raw Result	Sample Size	Final Result	RP	MDL	PQL	% Rec	%RSD	Date Analyzed	QC?	Inc
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Dat: [illegible] Method Reference: [illegible]

Lab Code	Parent Analytes	Mt.	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Rf	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Int
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	N
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[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	N
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[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	N

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Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Dat. [illegible] Method Filename: [illegible]

Lab Sample	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	RQL	Qualifier	S/N/SP	Date Analyzed	QC?	Tag
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[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]			[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]			[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]

[illegible]

ALS ENVIRONMENTAL

Method: WATER

Analysis: Total Organic Carbon (WATER) Instrument: Shimadzu TOC-5000A

Position	Sample ID	Dilution Factor	Solution Conc. (mg/L)	Blank Correction, mg/L	Net mg/L	DOC mg/L	Reported DOC mg/L
CBA	STD	1		[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	MB2	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
23	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
25	MB2	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

LCS: [illegible] ppm [illegible]

SEV: [illegible] ppm

Spike: [illegible] ml of 5000 ppm stock ---> 100 ml [illegible] ppm [illegible]

Analyst	[illegible]	Date Analyzed	[illegible]	Date	[illegible]
Reviewed By	[illegible]	Date Reviewed	[illegible]		

Revision 1, 2010 R. WILLIAMS [illegible] Water DOC

ALS ENVIRONMENTAL

Matrix: WATER

Method: Total Organic Carbon (WATER) — Method: Combustion - EPA 415.1 / 9060 SM5310C

Precision	Sample #	DIL. Factor	Solution Conc. mg/l	Blank Correction mg/l	Sol mg/l	TOC mg/l	Reported TOC mg/l
26	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
28	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
32	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
33	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
34	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
35	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
36	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
37	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
38	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
39	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
40	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
41	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
42	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
43	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
44	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
45	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
46	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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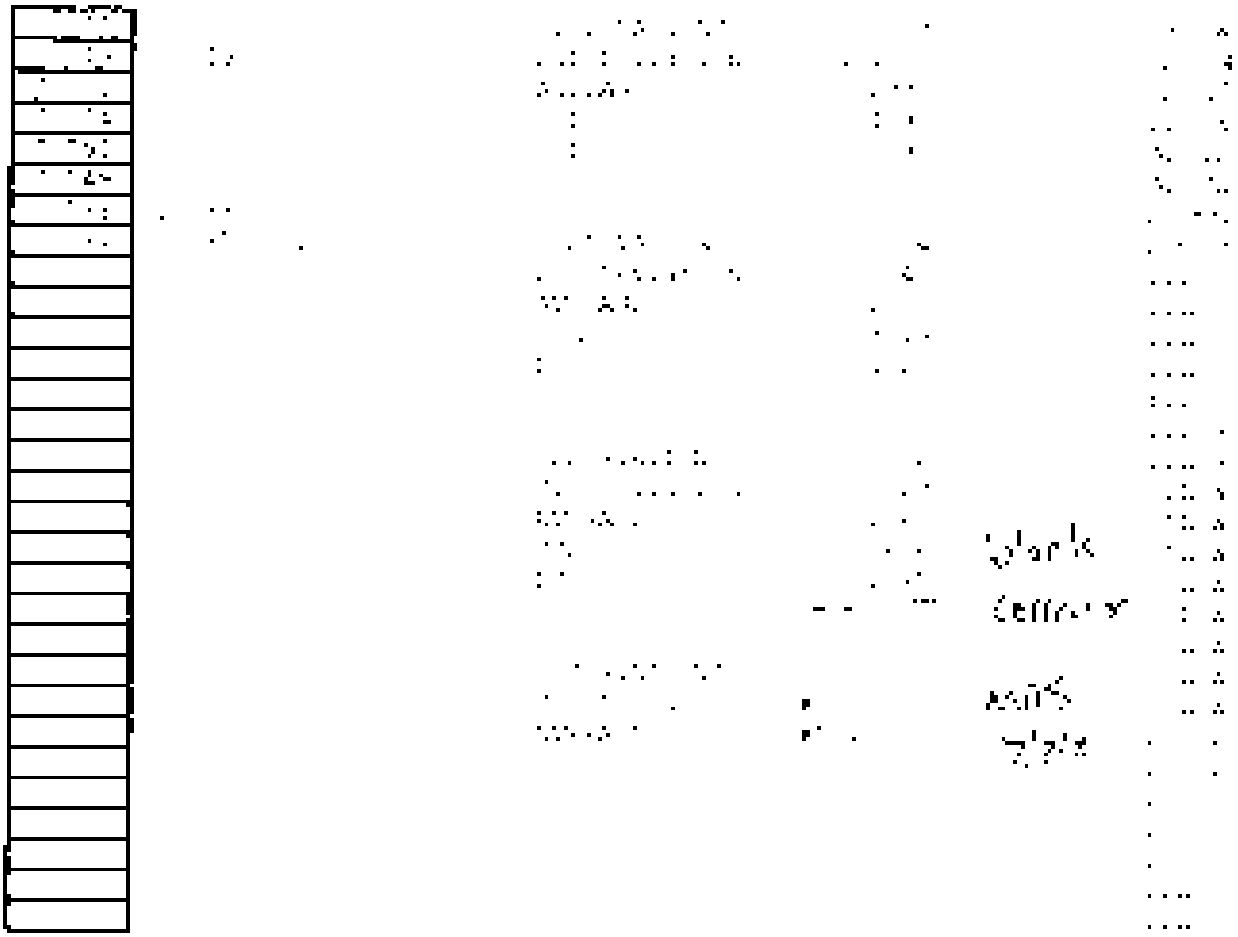
48							
49							
50							

Verified By: _____ Date Reviewed: _____

Reviewed By: _____ Date Reviewed: _____



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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]

TOC-Control L Report

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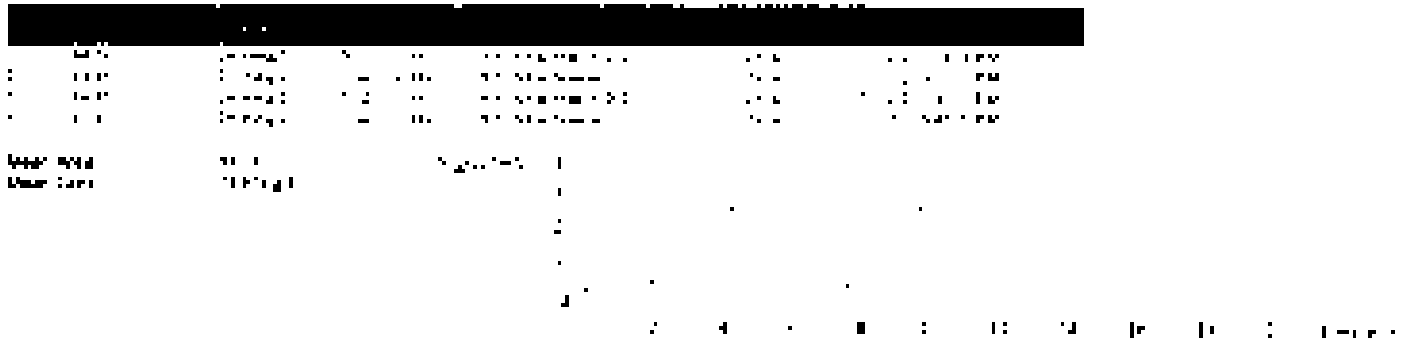
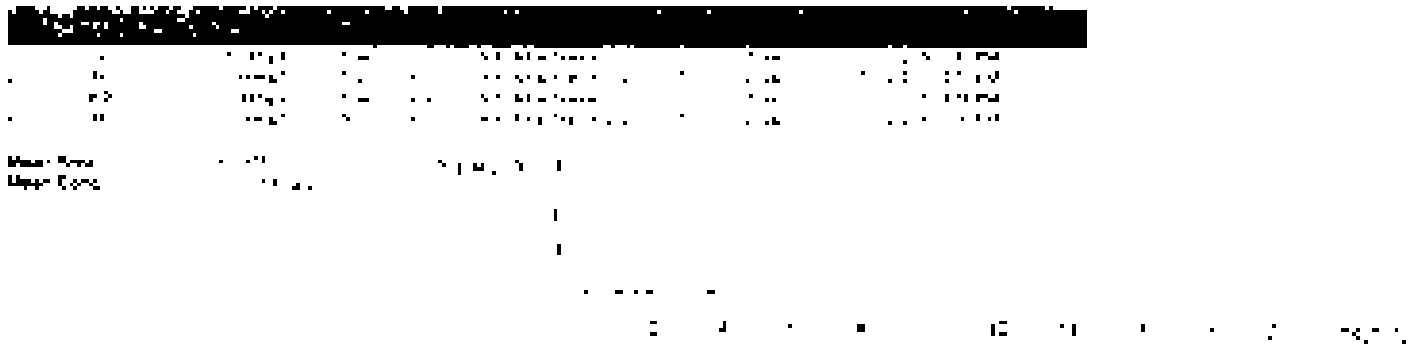
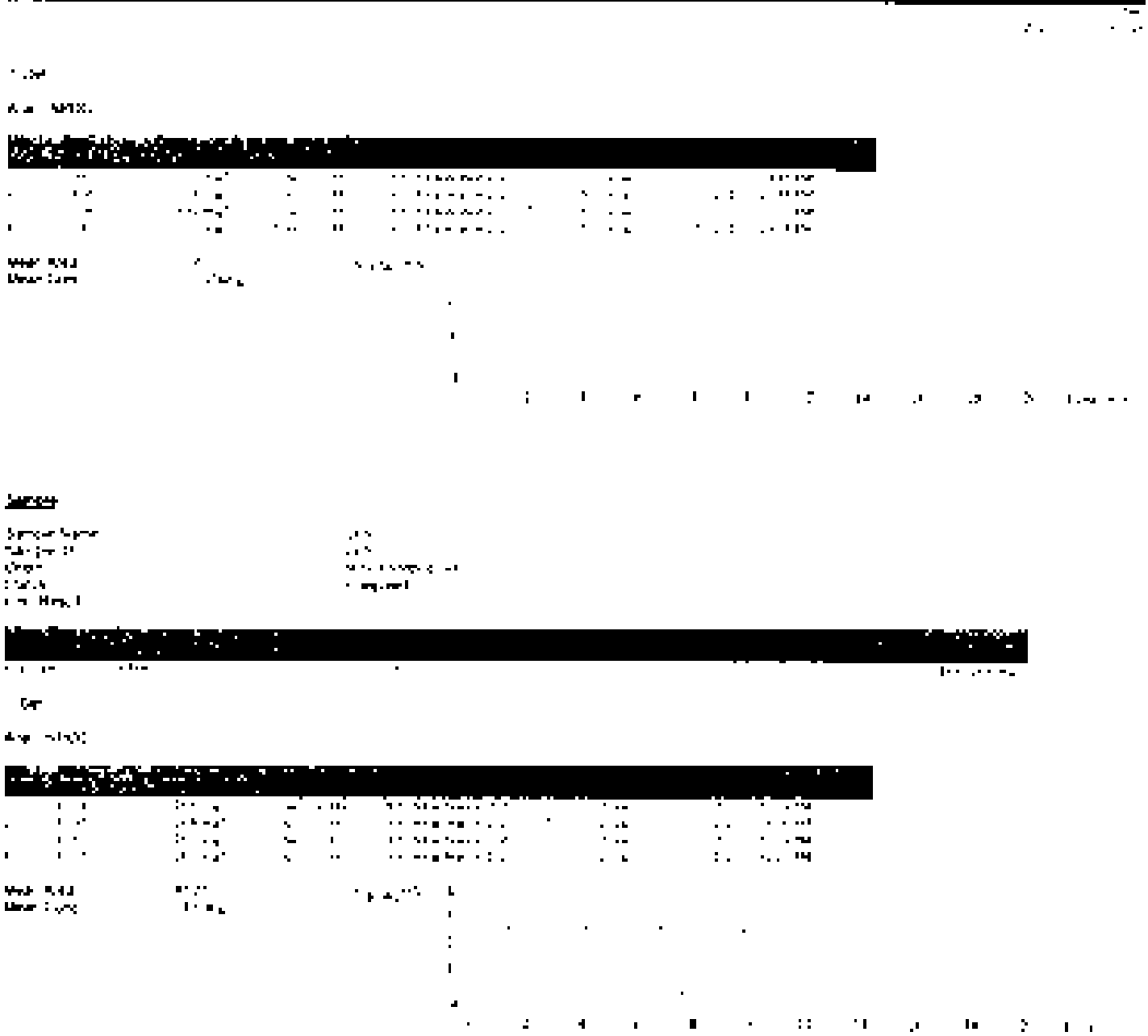
TOC-Control L Report







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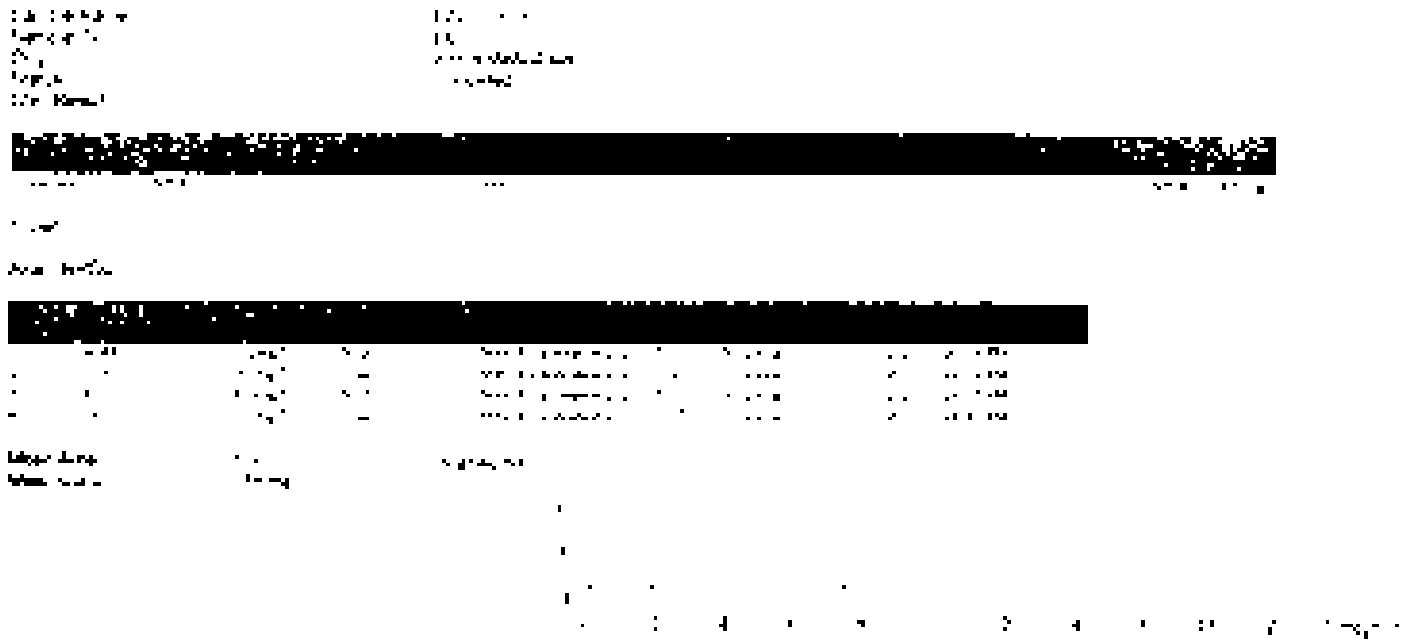
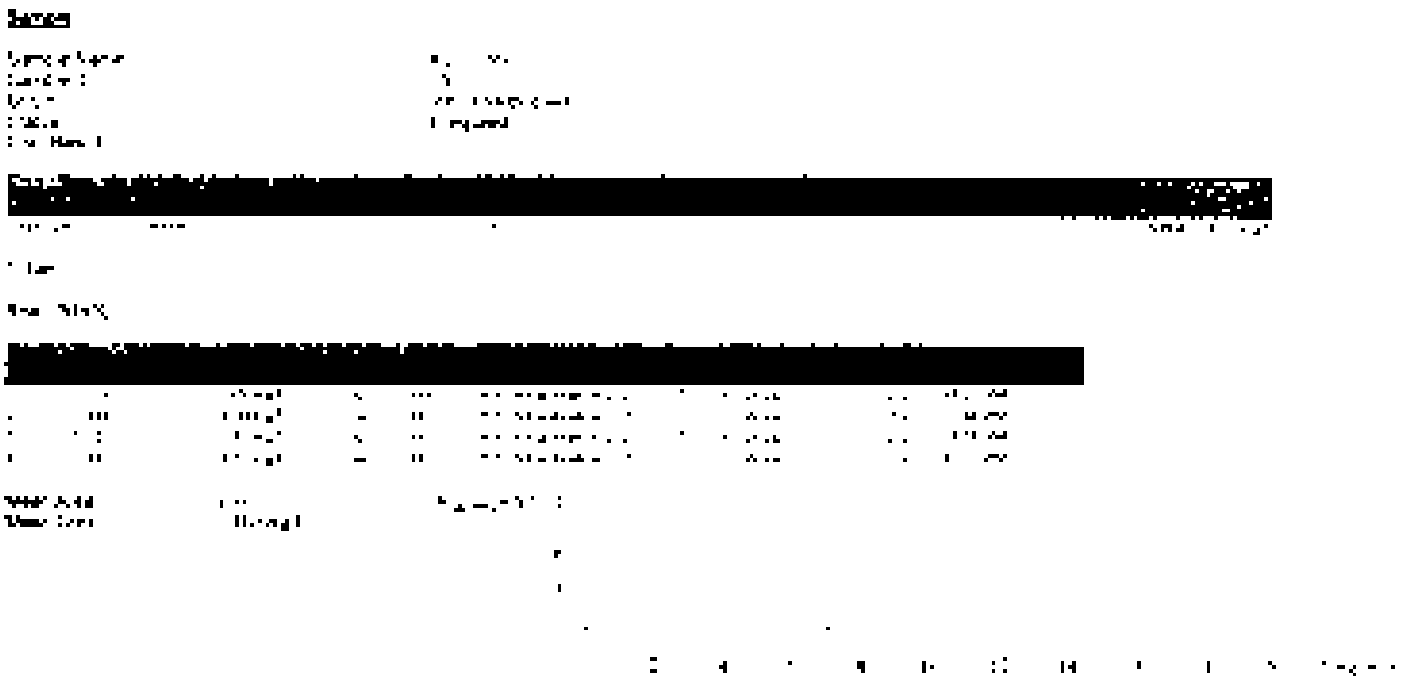
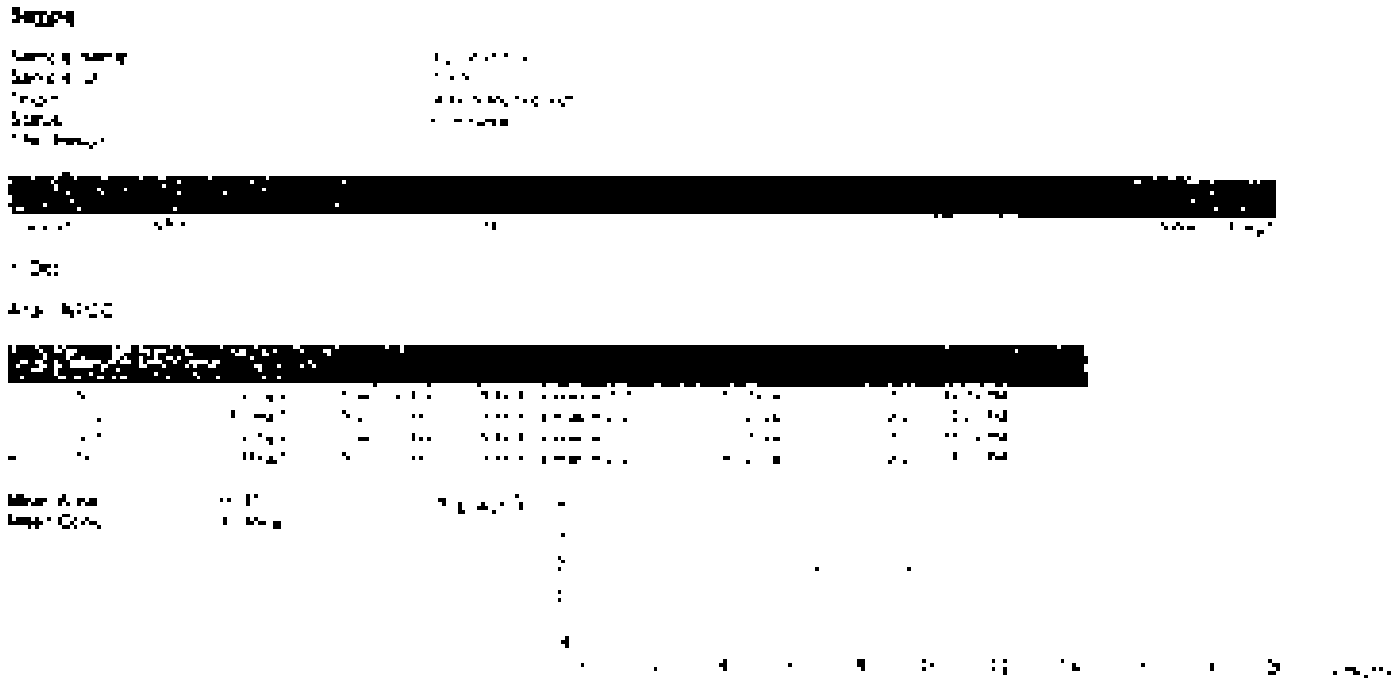
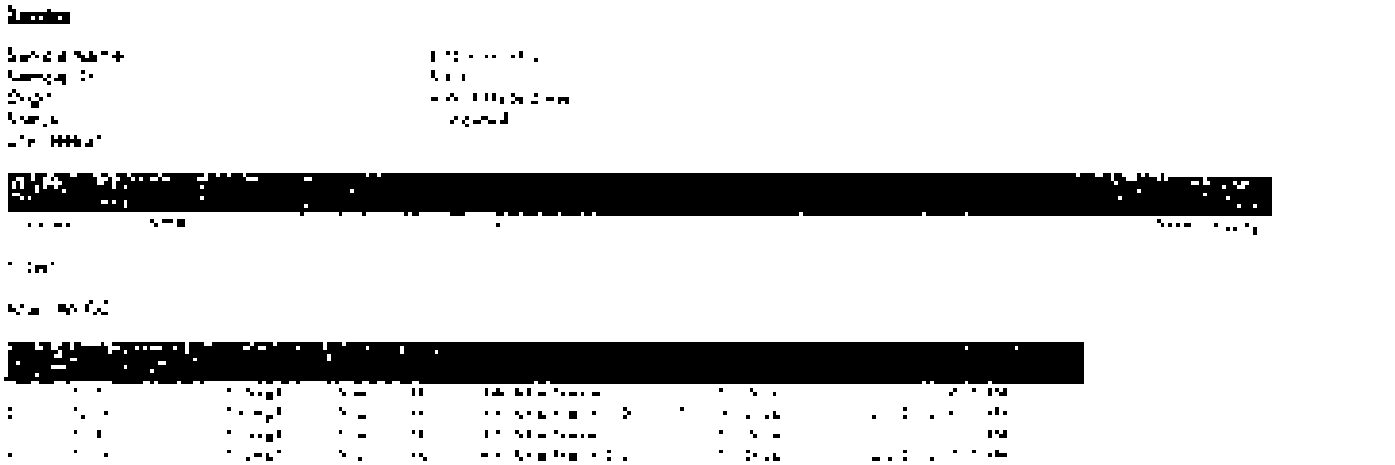
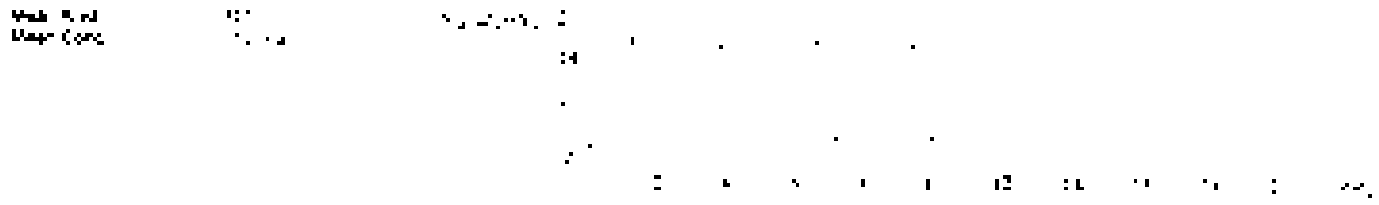


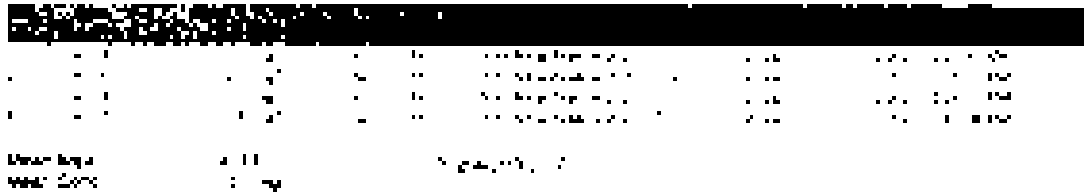


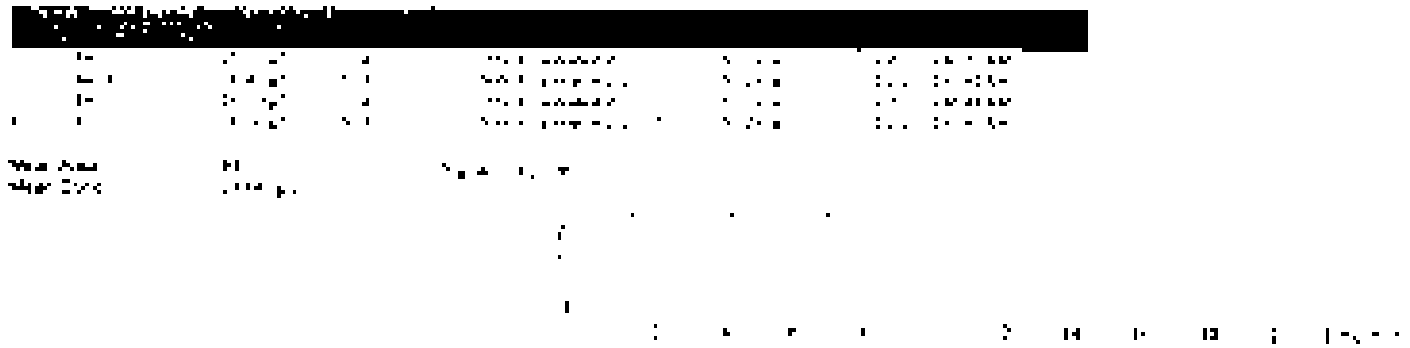


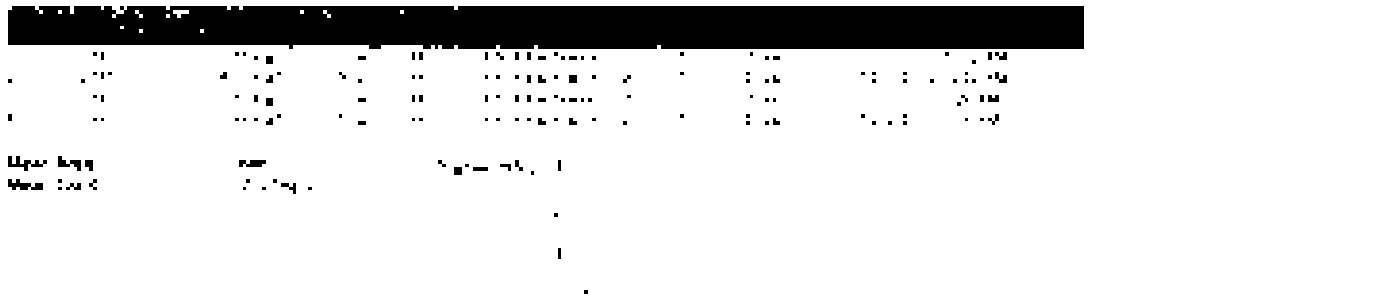


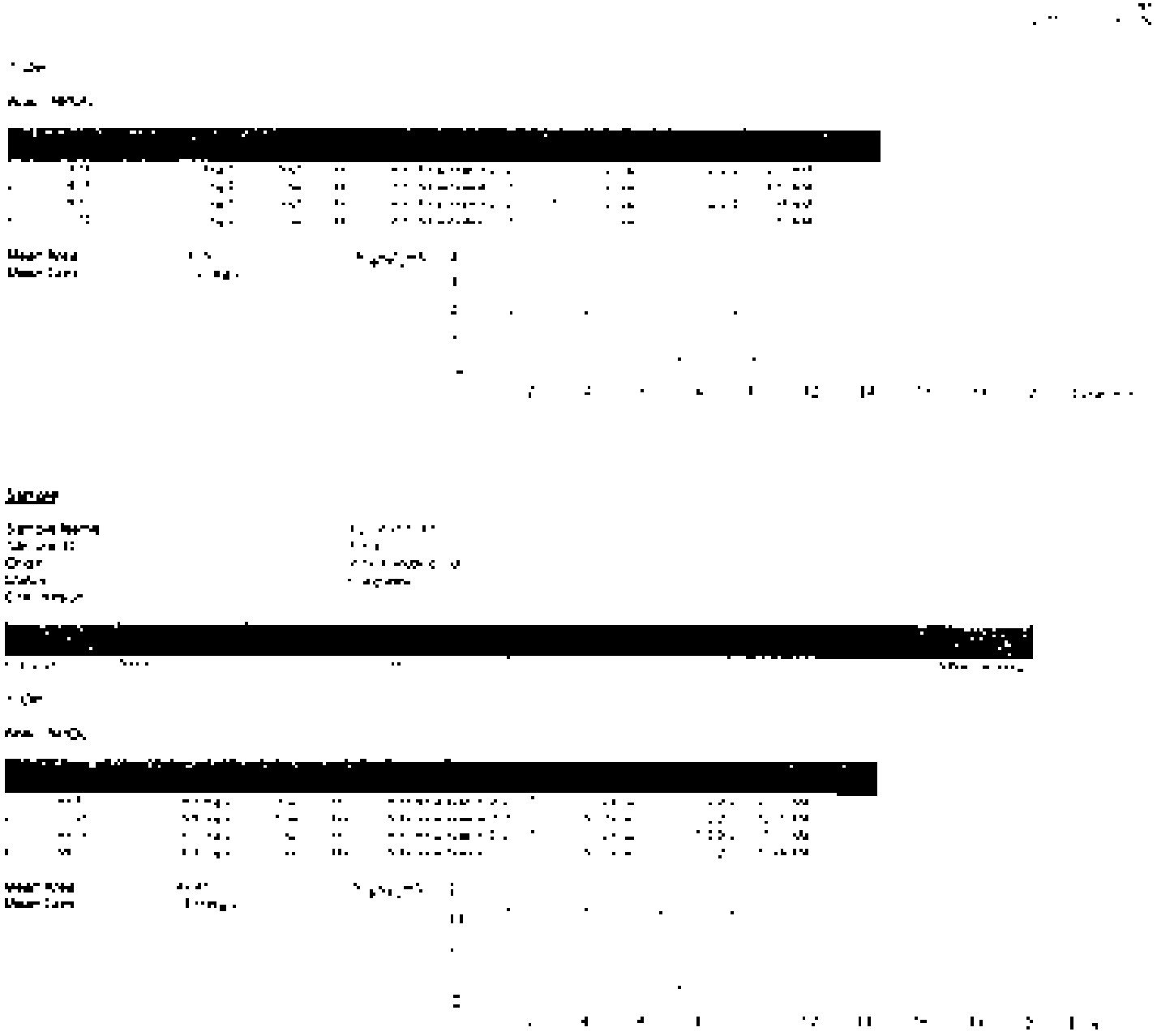
TOC-Control L Report

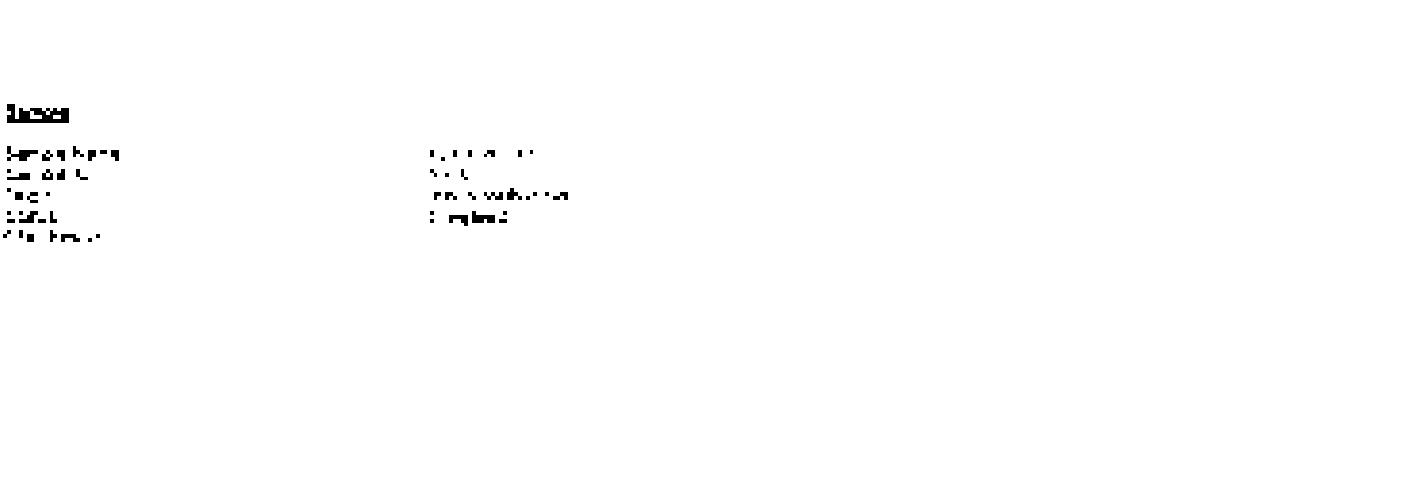


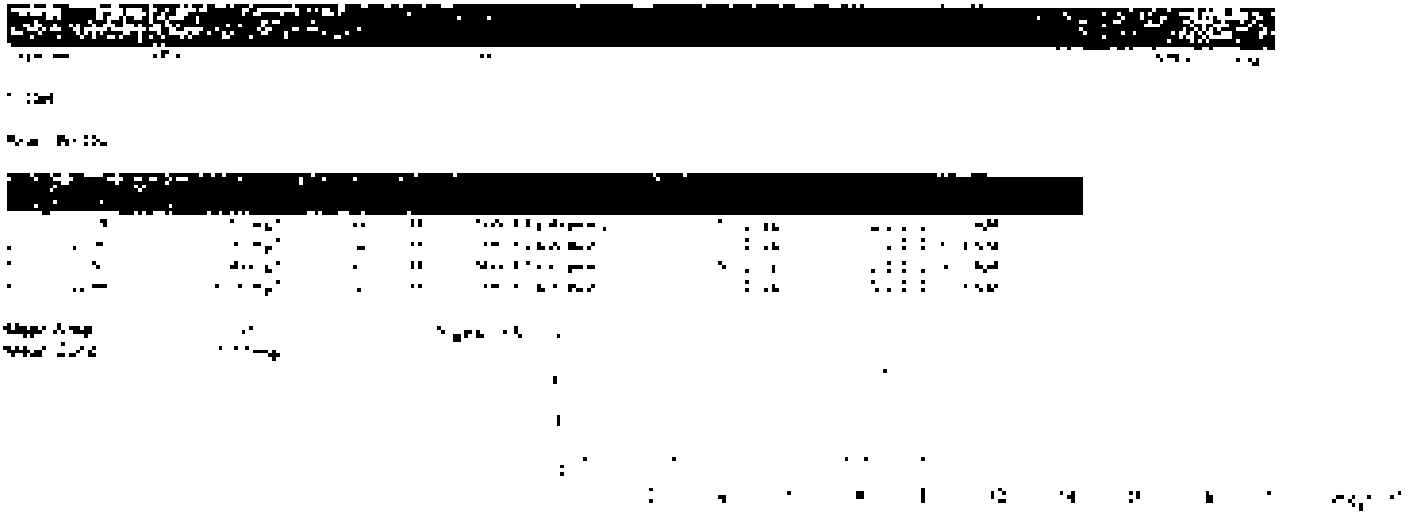


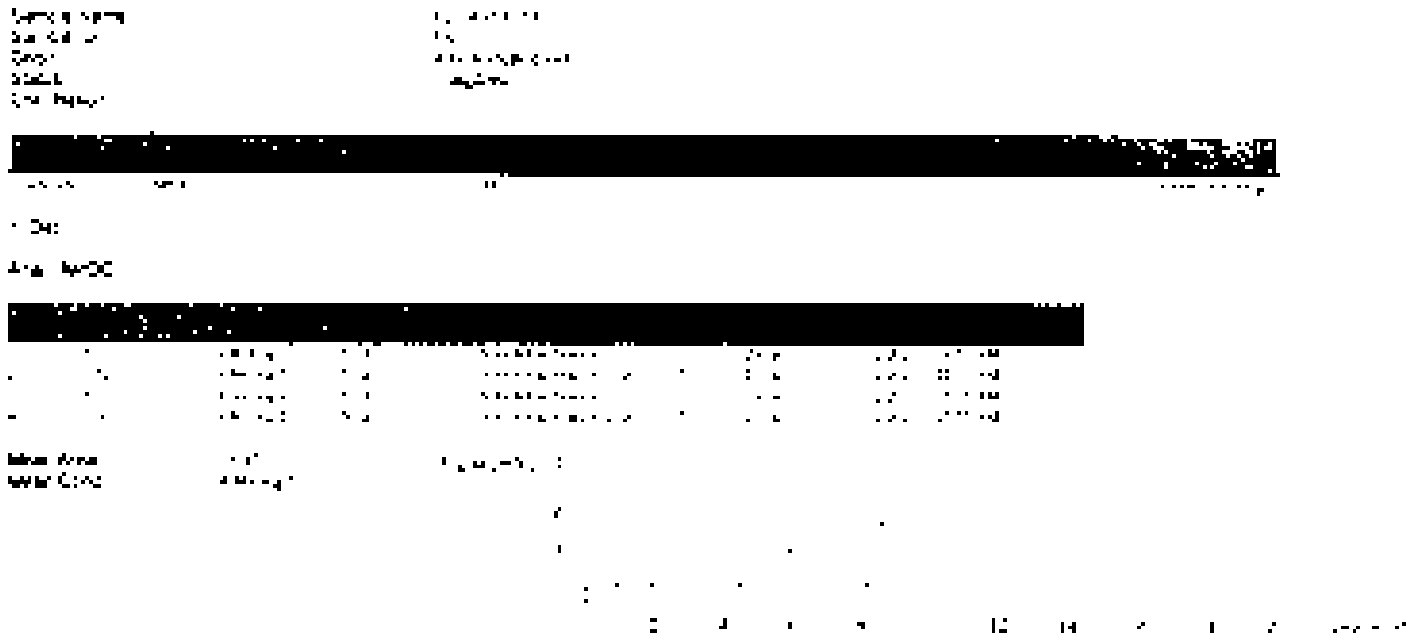


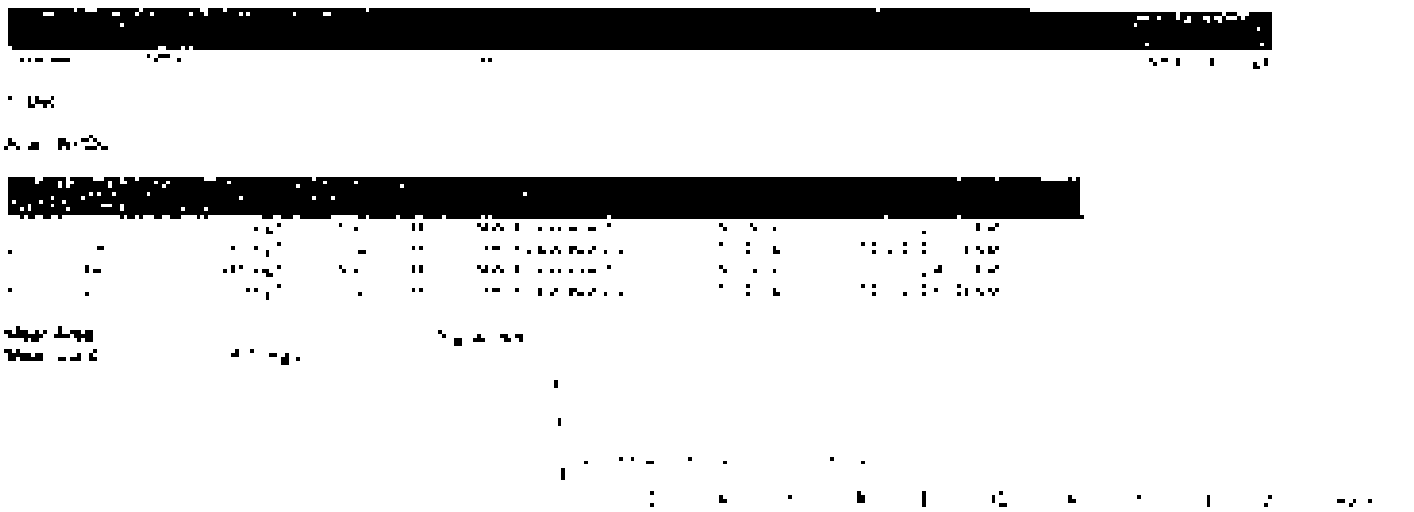


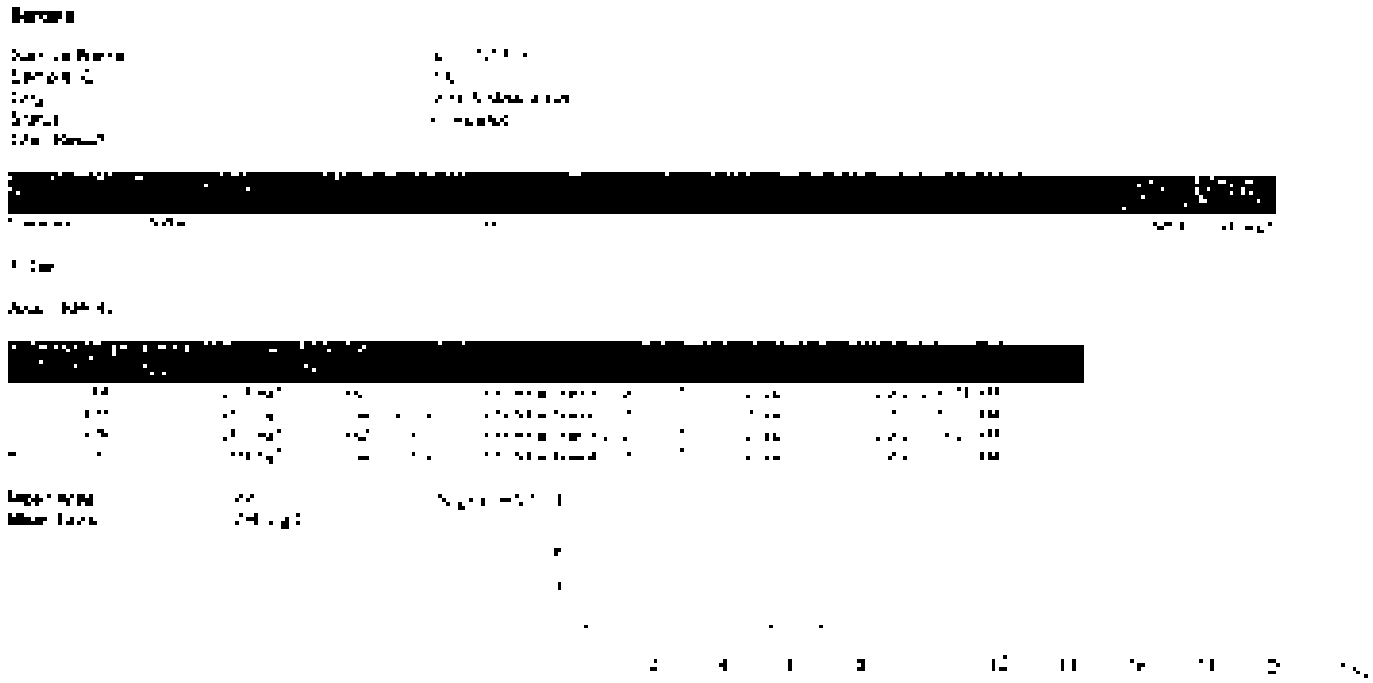


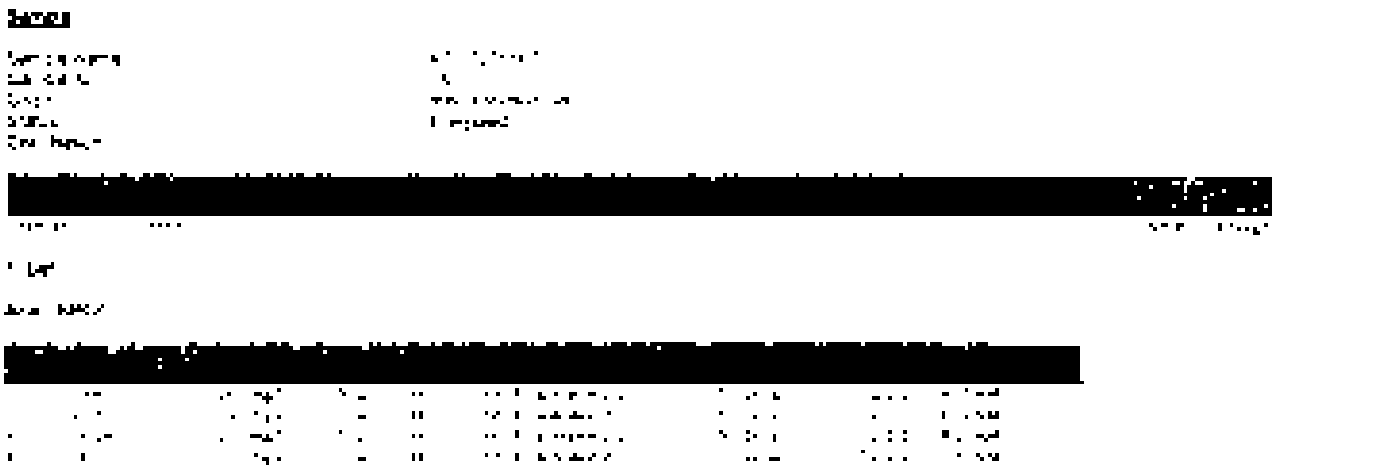


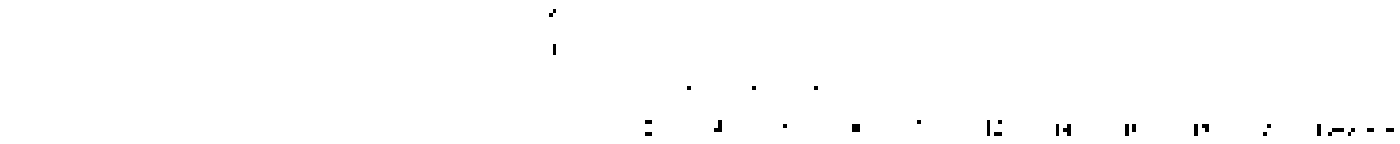


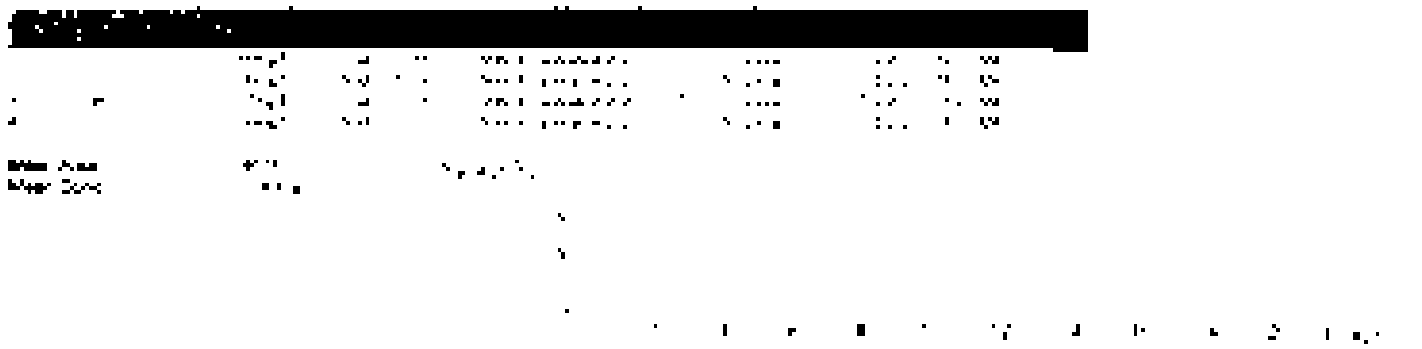


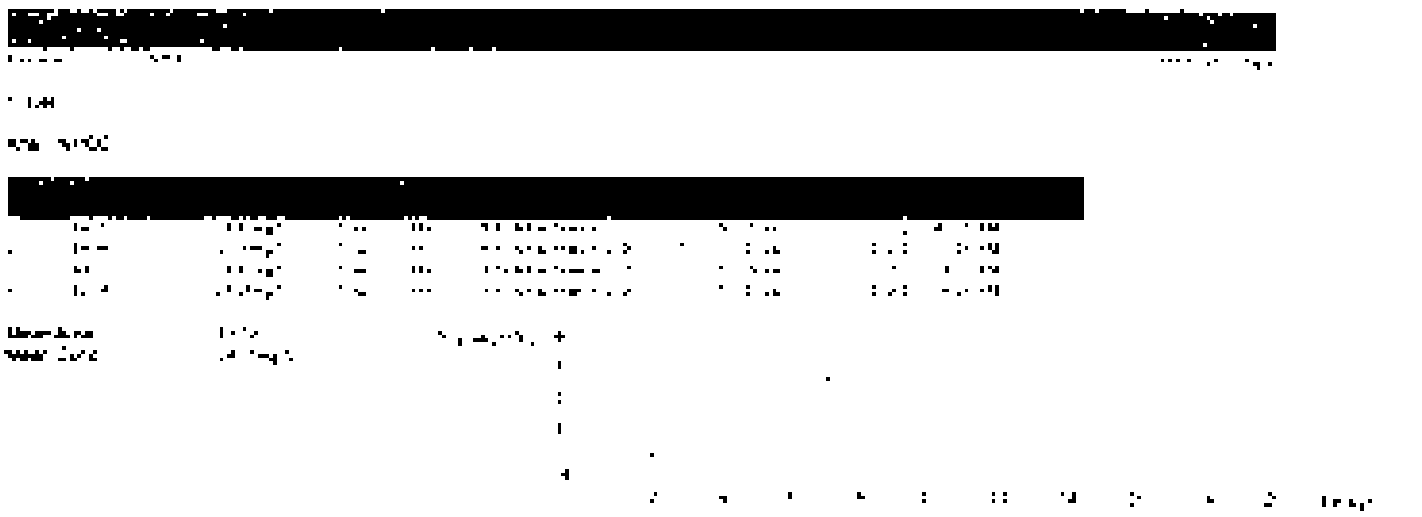


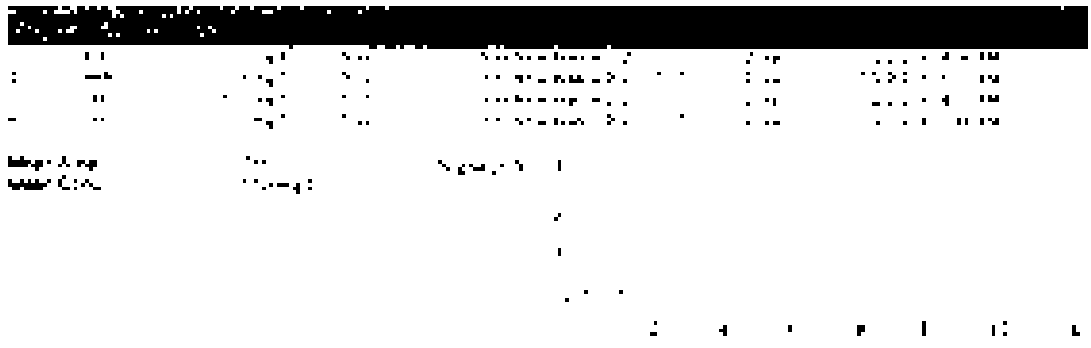


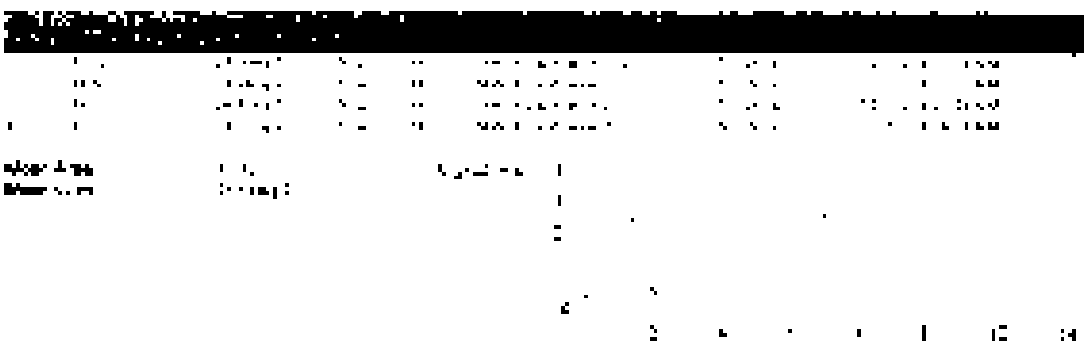












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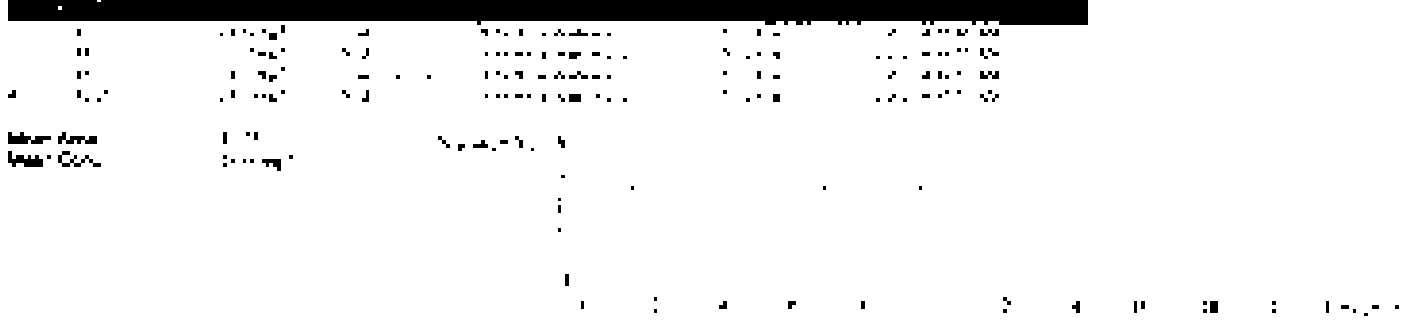

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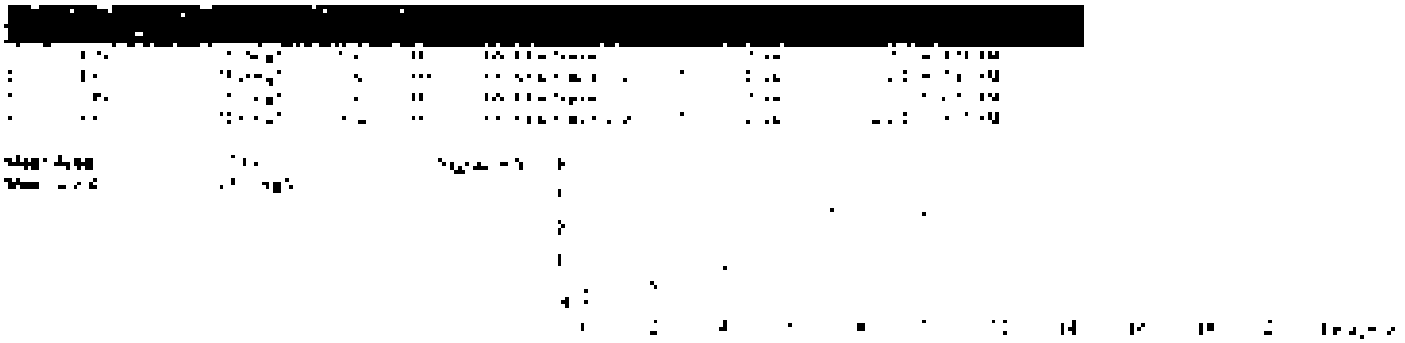

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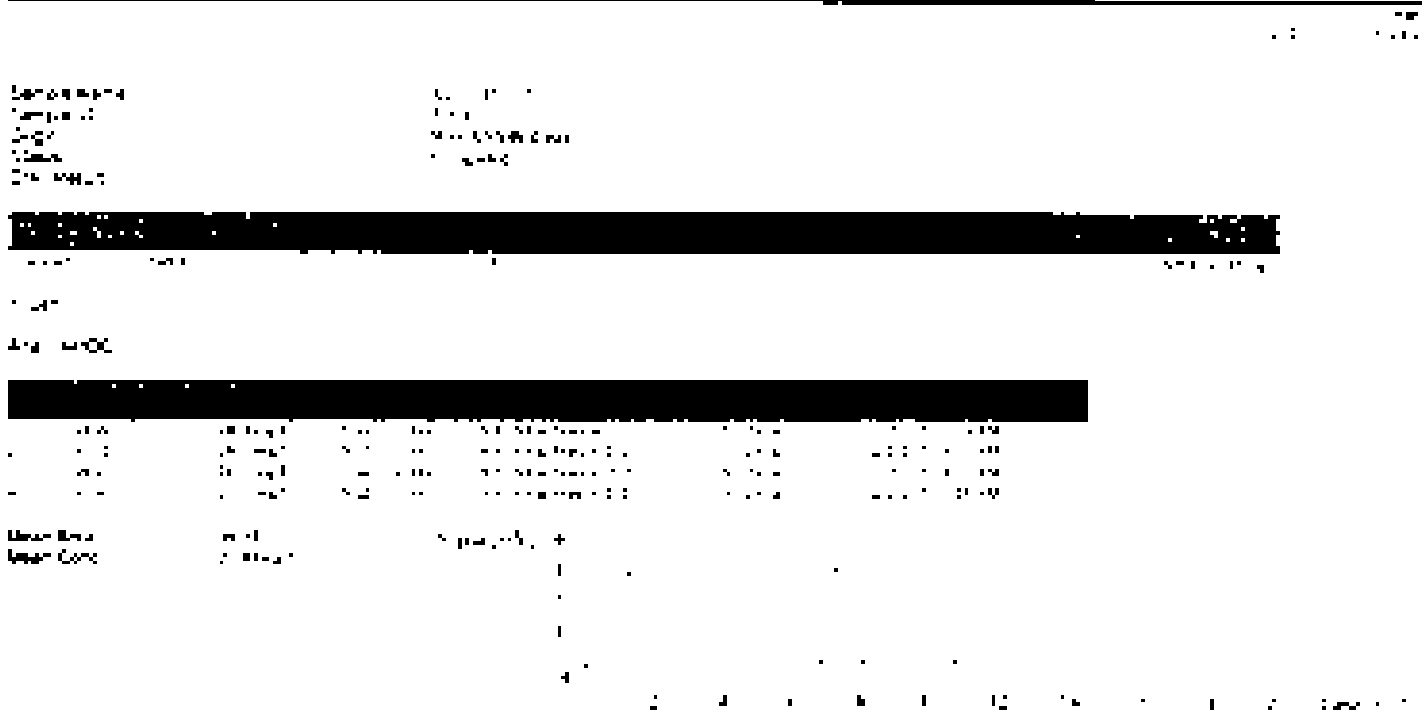

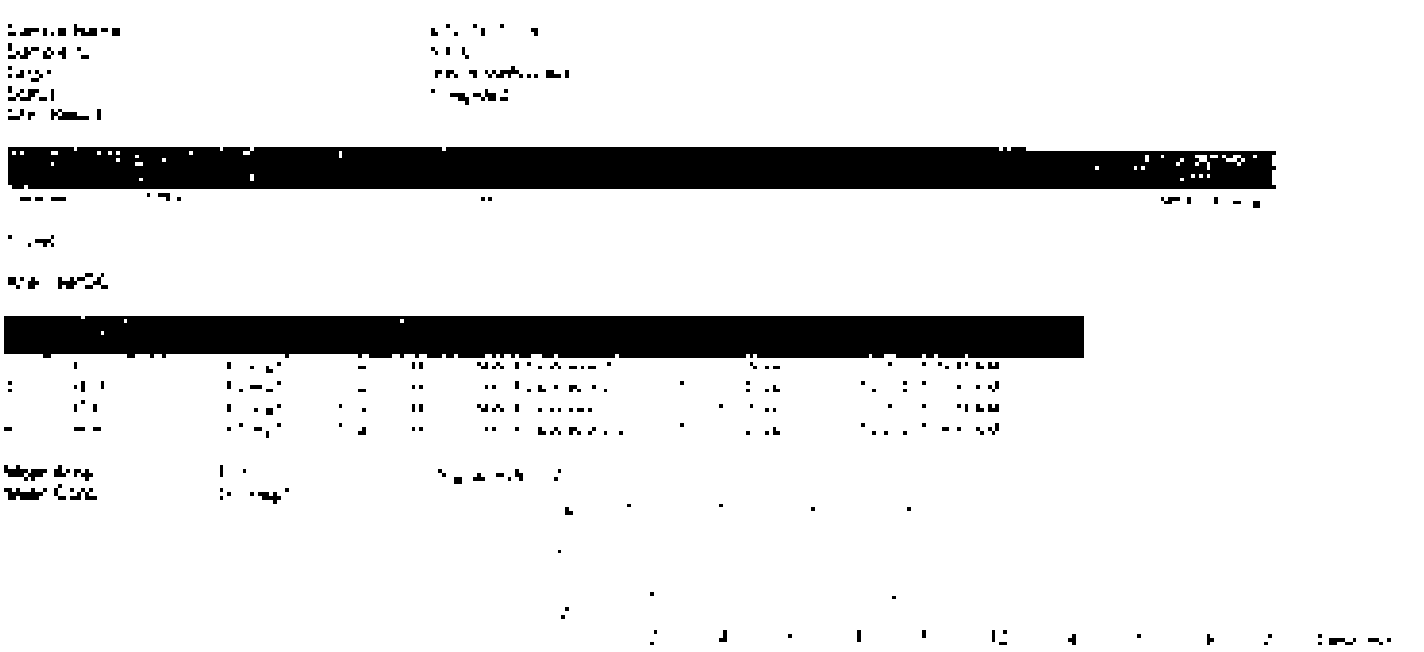

TOC-Control L Report

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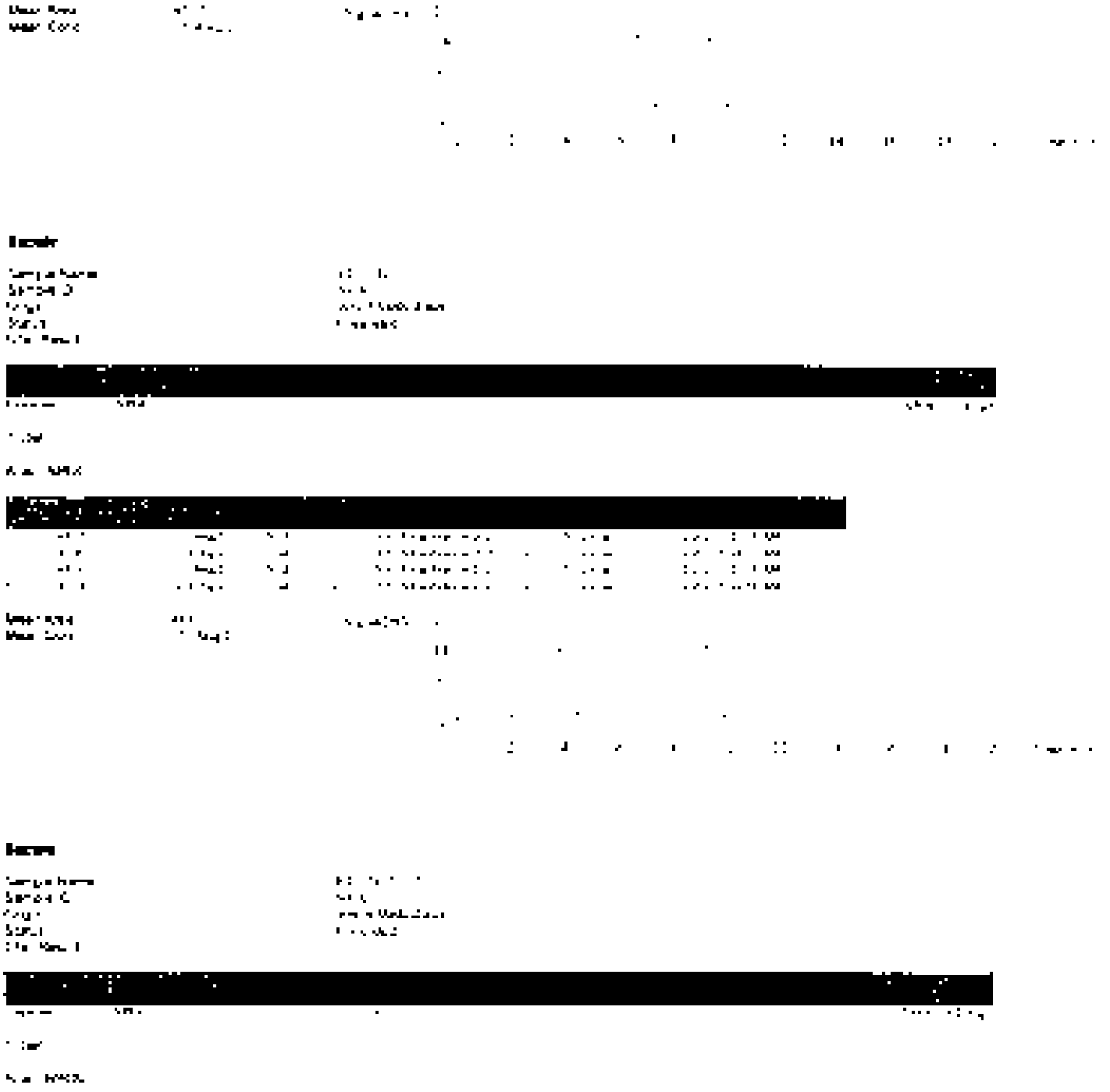
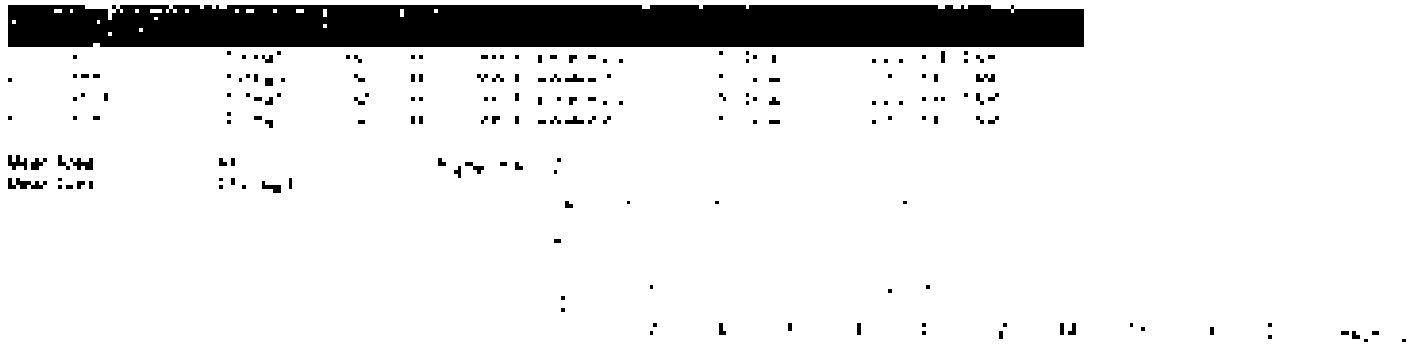
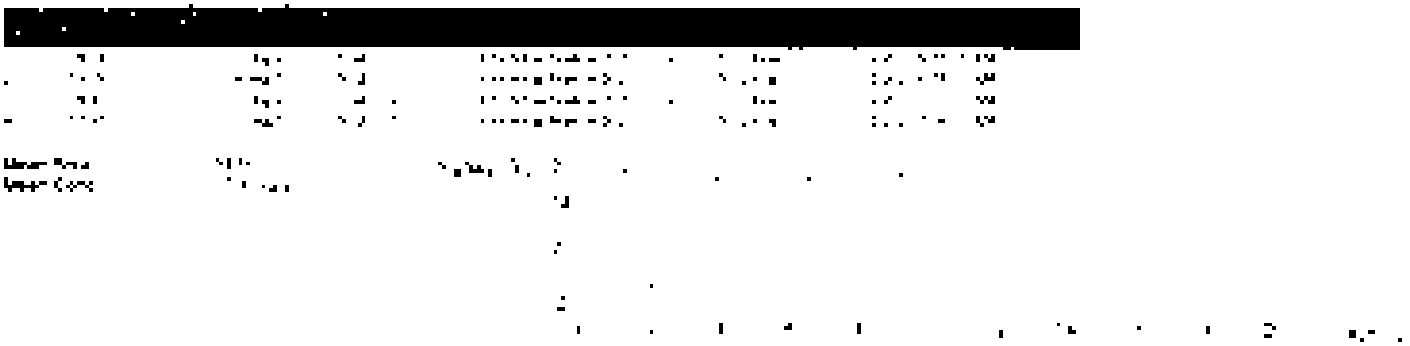
TOC-Control L Report

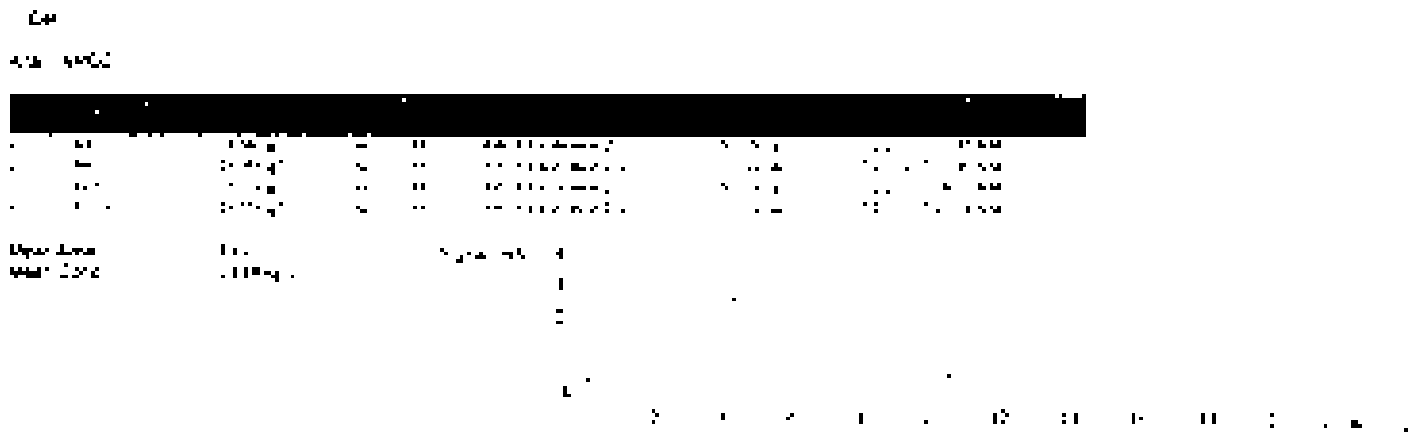


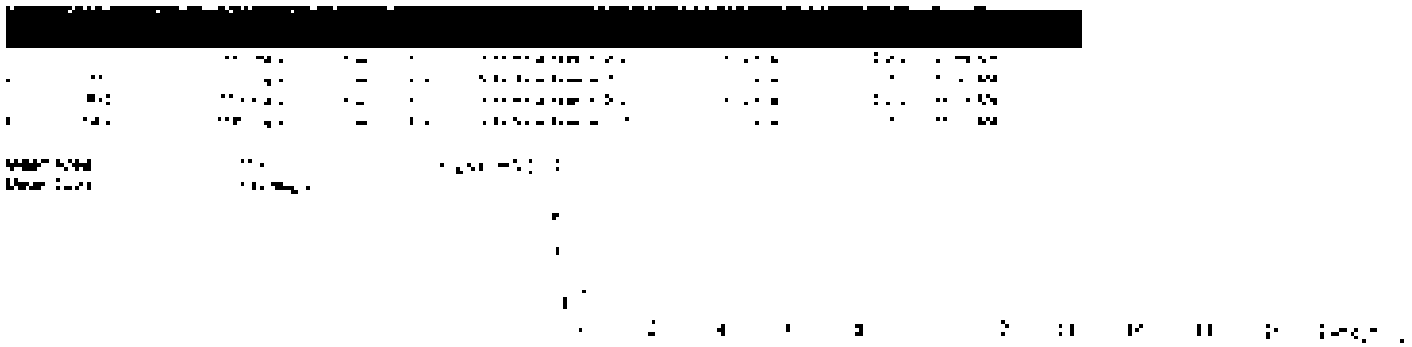
TOC-Control L Report





TOC-Control L Report





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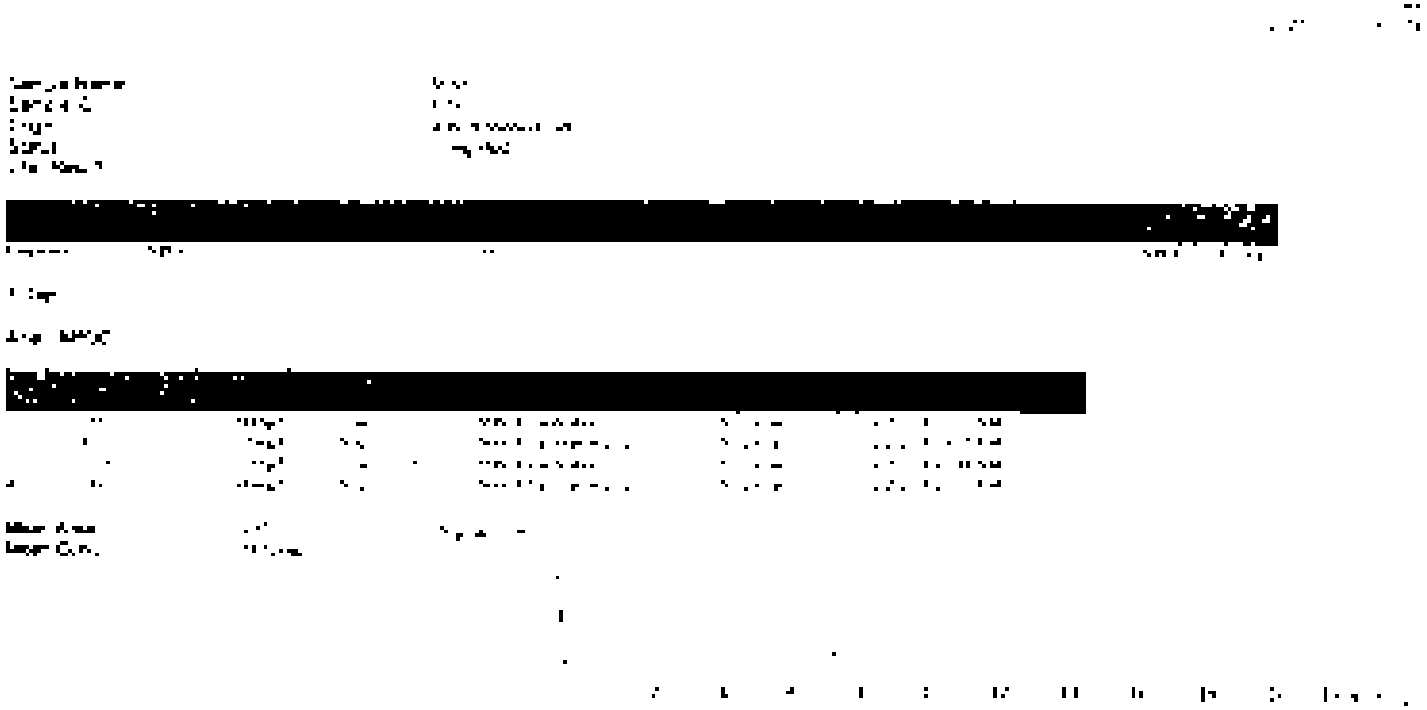
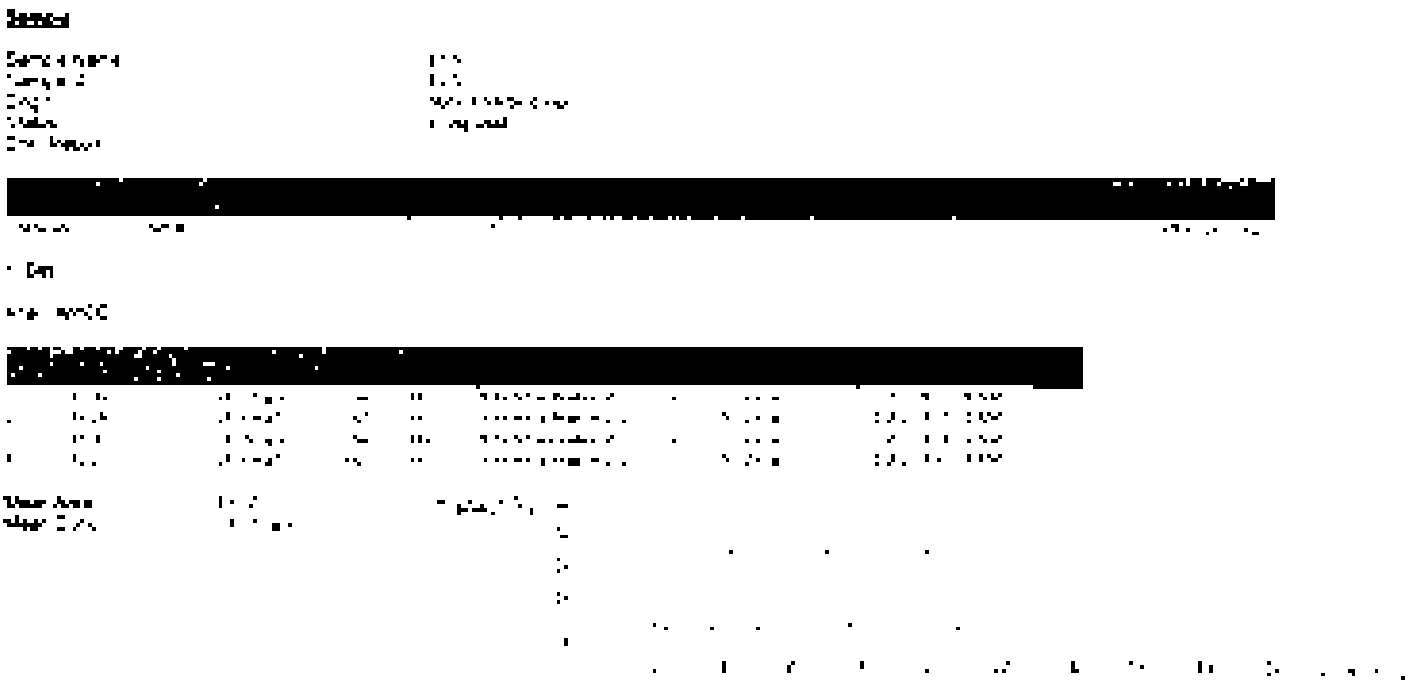
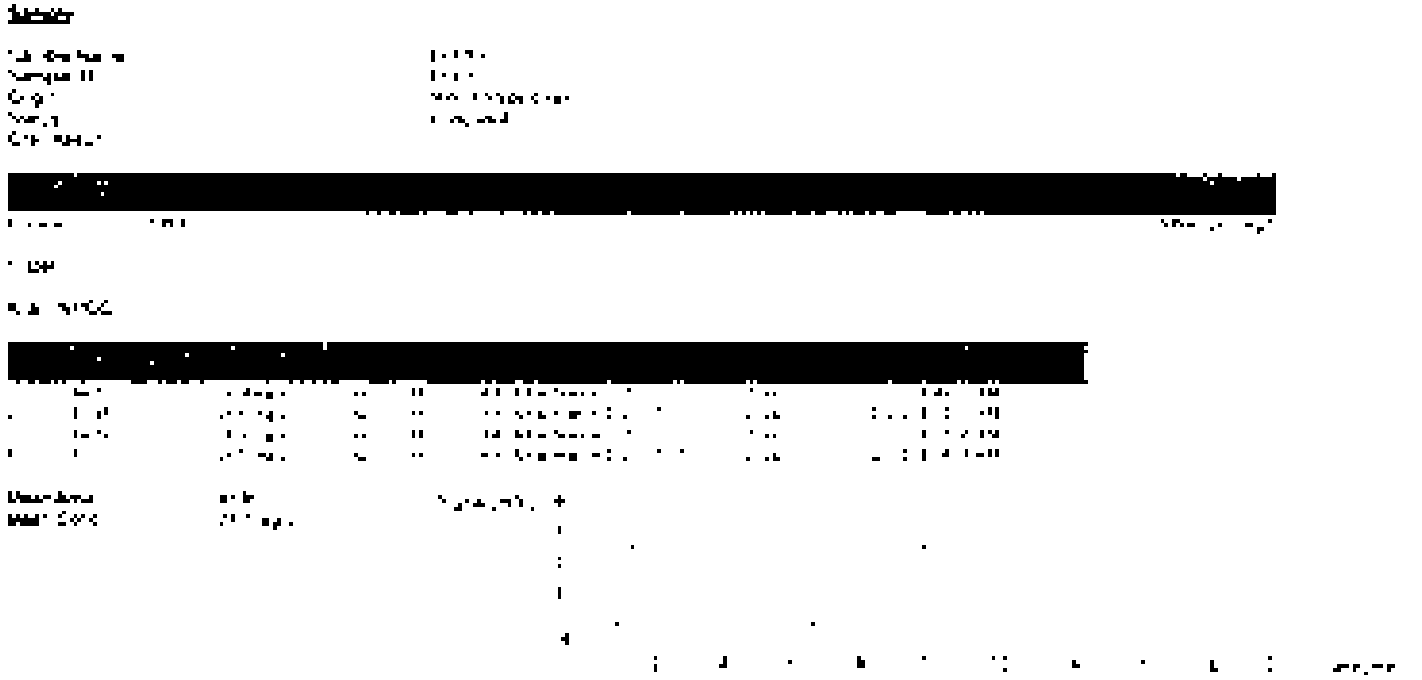
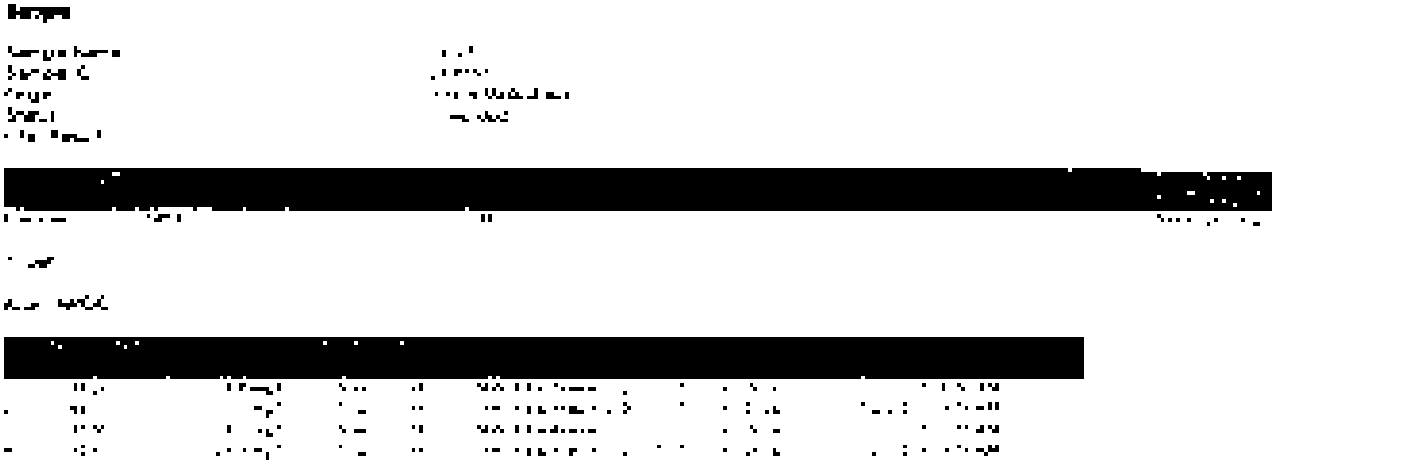
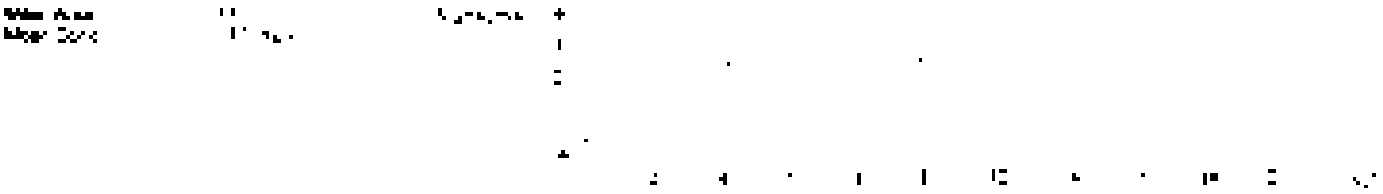
TOC-Control L Report

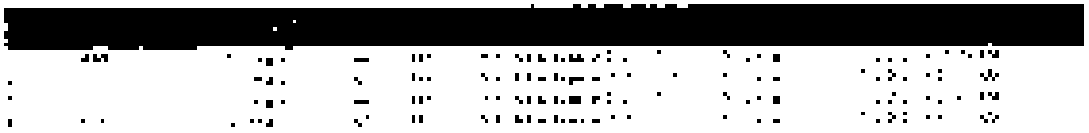












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Analyst: [illegible]

Method: [illegible]

[illegible]

ICAL Date: [illegible]

[illegible]

IDS_ID: [illegible]

[illegible]

Spike ID: [illegible]

[illegible]

Equipment ID: [illegible]

[illegible]

[illegible]

Analyzed By: [illegible]	Date Analyzed: [illegible]
Reviewed By: [illegible]	Date Reviewed: [illegible]

Metals

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

Preparation Information Benchsheet

Prep Run	381708	**Prep Workflow**	MetDigAqMS	**Status**	Prepped	**Prep Date**	06/23/2021 13:53
Team	Metals	**Prep Method**	EPA 200.7, HCl-0.5	**Current Step**	Digestion	**Due Date**	07/05/2021
Analyst	Anna Dreyer	**Rush/ASPDES**	N/A			**Hold Date**	07/01/2021

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

13 Total Samples consisting of 8 Client Samples, 2 Client QC Samples, 2 Batch QC Samples associated with the current Prep Run

Spiking Solutions

Name	Type	ID	Expires	Notes	Type	ID	Expires
[illegible]	Spike	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Spike	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Materials

Prep	Name	ID	Prep	Name	CO
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Hardware / Equipment

Step	Name	Property	Value	Step	Name	Property	Value
[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]				

Preparation Steps

Step	Started	Finished	By	Automatic	Duration	Comments
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Comments

[illegible]

Review

[illegible] Date [illegible]

Preparation Information Benchsheet

Prep Run.	[illegible]	**Prep Workflow.**	[illegible]	**Status**	[illegible]	**Prep Date**	[illegible]
Team	[illegible]	**Prep Method.**	[illegible]	**Current Step.**	[illegible]	**Due Date:**	[illegible]
Analyst	[illegible]	**Rush/NPDES**	[illegible]			**Hold Date**	[illegible]

[illegible]

12 Total Samples consisting of 8 Client Samples, 2 Client QC Samples, 2 Batch QC Samples associated with the current Prep Run

Spiking Solutions

Name	Type	ID	Expires	Assay	Type	ID	Expires
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Materials

ICPMS LCSW AND SPIKING SOLUTIONS

5.00mL to 250mL Dilution of Inorganic Ventures ICP CICV-1
Lot# 1/100 ICP-CCV-1

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Al	10000	100
Ba	10000	100
Co	2500	25
Cr	2500	25
Ni	2500	25
V	2500	25
Zn	2500	25
Cu	1250	12.5
Ag	1250	12.5
Cd	1000	10
Be	250	2.5

0.5mL to 100mL Dilution of 1000ppm Sb
Lot# 1ug/mL Sb

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Sb	1000	10

2.00mL to 500mL Dilution of Inorganic Ventures ICP-CICV-3
Lot# 1/100 ICP-CICV-3

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
As	5000	50
Pb	5000	50
Se	5000	50
Tl	5000	50
Ca	2500	25

0.5mL to 100mL Dilution of 1,000 ppm Mo and 1,000 ppm U
Lot# Mo/U 1ppm

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Mo	5000	25
U	5000	25

Service Request # K2108343, K2108463, K2108342, K2106466, K2106953
Calibration. 072121AICPMS06
ALS LIMS Run# 731
Pipette IDs 16006318, 19070685 18010244
Pipette Check Due: 08/19/21
Cal Std: MS28-31-H ICSA: N/A
ICV Std: MS28-31-I ICSAB: N/A
LLICV Std: MS28-31-J
I.S. Solution MS27-100-E
Tune Std. MS28-3-A

ICP-MS Data Review Form

		Yes	No	NA
1	Appropriate standardization completed	X		
2	ICV in control (+/- 10%)	X		
3.	CCV's in control (+/- 10%)	X		
4	ICB/CCB's below MRL	X		
5	LLICV standard analyzed and in control	X		
6	ICS standards within 20% of true value			X
6	All analytes within instrument linear range	X		
7	Adequate rinse out time allowed	X		
8	Internal standards in control	X		
9	Interferences checked	X		
10	Was the run terminated? If so why		X	

See Benchsheet exception report for sample batch QC information
Comments

Prep Batches

Primary Review by Date

Secondary Review by Date

Data Review Form

Instrument ID#. K-ICP-MS-06
DataFile Name R:\ICPWP\DATA\K-ICP-MS-06\Agilent7500\J072121A.csv
RUNNO 732157

K2106466

No exceptions to report.

K2106953

No exceptions to report.

K2108196

No exceptions to report.

K2108342

No exceptions to report.

K2108343

No exceptions to report.

K2108463

No exceptions to report.

Primary Approver
Secondary Approver

Page 1 of 1

	Sample Inj	Sample Type	Data File	Acq. Date-Time	Type	Level	Sample Name	Comment	Vial No.
1			001CAL.B	2021-07-21 2:45:56 PM	CalBlk		Blank		2
2			002CAL.B	2021-07-21 2:51:24 PM	CalBlk		Blank		2101
3			003CAL.B	2021-07-21 2:52:12 PM	CalBlk		Blank		1
4			004CAL.B	2021-07-21 2:54:50 PM	CalBlk	1	Blank		1
5			005CAL.B	2021-07-21 2:56:45 PM	CalStd	7	Aspirin		7
6			006_CV.d	2021-07-21 2:58:31 PM	ICV		ICV		2101
7			007_CCV	2021-07-21 3:00:21 PM	CCV		CCV		2
8			008_ICB.d	2021-07-21 3:02:08 PM	ICB		ICB		-
9			009_CCB	2021-07-21 3:03:56 PM	CCB		CCB		-
10	*		010X_ICV.d	2021-07-21 3:05:44 PM	LLICV		LL ICVW		2102
11	*		011X_ICV.d	2021-07-21 3:12:16 PM	LLICV		LL ICVW		2102
12			012CSA.d	2021-07-21 3:15:08 PM	ICSA		CSA		2101
13			013CSB.d	2021-07-21 3:17:04 PM	ICSB		CSAB		2104
14			014SMPL	2021-07-21 3:18:50 PM	Sample		WQ51D		2105
15			015SMPL	2021-07-21 3:20:38 PM	Sample		K2108839-010		1:01
16			016SMPL	2021-07-21 3:22:25 PM	Sample		K2108854-001		1:02
17			017SMPL	2021-07-21 3:24:11 PM	Sample		K2108854-002		1:03
18			018SMPL	2021-07-21 3:25:57 PM	Sample		K2108854-003		1:04
19			019_CCV	2021-07-21 3:27:44 PM	CCV		CCV		2
20			020_CCB	2021-07-21 3:29:31 PM	CCB		CCB		1
21			021SMPL	2021-07-21 3:31:41 PM	Sample		MDL-1P		2102
22			022SMPL	2021-07-21 3:35:26 PM	Sample		MDL-2P		2102
23			023SMPL	2021-07-21 3:45:39 PM	Sample		MDL-3P		2102
24			024SMPL	2021-07-21 3:47:27 PM	Sample		MDL-4P		2102
25			025SMPL	2021-07-21 3:49:05 PM	Sample		MDL-5P		2102
26			026SMPL	2021-07-21 3:50:48 PM	Sample		MDL-6P		2102
27			027SMPL	2021-07-21 3:52:31 PM	Sample		MDL-7P		2102
28			028_CCV	2021-07-21 3:54:14 PM	CCV		CCV		2
29			029_CCB	2021-07-21 3:55:57 PM	CCB		CCB		1
30			030_PB.d	2021-07-21 4:13:03 PM	PB		K2108343-001		1:05
31			031SMPL	2021-07-21 4:14:46 PM	Sample		K2108343-001		1:06
32			032SMPL	2021-07-21 4:15:29 PM	Sample		K2108343-001D		1:07
33			033SMPL	2021-07-21 4:18:11 PM	Sample		K2108343-002		1:08
34			034SMPL	2021-07-21 4:19:55 PM	Sample		K2108343-003		1:09
35			035SMPL	2021-07-21 4:21:38 PM	Sample		K2108343-004		1:10
36			036SMPL	2021-07-21 4:23:22 PM	Sample		K2108463-001		1:11
37			037SMPL	2021-07-21 4:25:04 PM	Sample		K2108463-001		1:12
38			038SMPL	2021-07-21 4:26:46 PM	Sample		K2108463-002		1:201
39			039_CCV	2021-07-21 4:28:29 PM	CCV		CCV		2
40			040_CCB	2021-07-21 4:30:11 PM	CCB		CCB		1

Sample

	Type	Rgt	Data File	Acq. Date-Time	Type	Lamp	Sample Name	Comment	Vial No.
41			042 [illegible]	2021-07-21 5:10:36 PM	[illegible]		[illegible]		[illegible]
42			044 [illegible]	2021-07-21 5:12:58 PM	[illegible]		[illegible]		[illegible]
43			04[illegible]MPL	2021-07-21 5:14:02 PM	Sample		K2106466-001	D 100X	[illegible]
44			0442MPL	2021-07-21 5:15:45 PM	Sample		K2106466-002	D 100X	[illegible]
45			0445MPL	2021-07-21 5:17:28 PM	Sample		K2106466-003	D 100X	[illegible]
46			0448MPL	2021-07-21 5:19:12 PM	Sample		K2106466-004	D 100X	[illegible]
47			049 ARR std	2021-07-21 5:20:55 PM	ArRef		K2106466-005	D 100X	[illegible]
48			050 Dup std	2021-07-21 5:22:38 PM	Dup		[illegible]	D 100X	[illegible]
49			0525MPL	2021-07-21 5:24:21 PM	Sample		K2106466-005A	D 500X	[illegible]
50			0525MPL	2021-07-21 5:26:04 PM	Sample		K2106466-005A	D 100X	[illegible]
51			053 CCV	2021-07-21 5:27:47 PM	CCV		CCV		2
52			054 CCB	2021-07-21 5:29:30 PM	CCB		CCB		1
53			0555MPL	2021-07-21 5:31:13 PM	Sample		K2106466-001	D 10X	[illegible]
54			0565MPL	2021-07-21 5:33:00 PM	Sample		K2106466-002	D 10X	[illegible]
55			0575MPL	2021-07-21 5:34:43 PM	Sample		K2106466-003	D 10X	[illegible]
56			0585MPL	2021-07-21 5:36:26 PM	Sample		K2106466-004	D 10X	[illegible]
57			059 ARR std	2021-07-21 5:38:10 PM	ArRef		K2106466-005	D	[illegible]
58			060 Dup std	2021-07-21 5:39:53 PM	Dup		[illegible]	D	[illegible]
59			0615MPL	2021-07-21 5:41:36 PM	Sample		K2106466-005A	D 5X	[illegible]
60			062 MIX std	2021-07-21 5:43:19 PM	MIX		K2106466-005A	D 500X	[illegible]
61			063 SPK std	2021-07-21 5:45:03 PM	Spike		[illegible]	D	[illegible]
62			0645MPL	2021-07-21 5:46:46 PM	Sample		K2106466-006	D	[illegible]
63			065 CCV	2021-07-21 5:48:29 PM	CCV		CCV		2
64			066 CCB	2021-07-21 5:50:13 PM	CCB		CCB		1
65			0675MPL	2021-07-21 5:52:01 PM	Sample		K2106466-007	D 10X	[illegible]
66			0685MPL	2021-07-21 5:53:50 PM	Sample		K2106466-008	D 10X	[illegible]
67			0695MPL	2021-07-21 5:55:33 PM	Sample		K2106466-009	D 10X	[illegible]
68			0705MPL	2021-07-21 5:57:16 PM	Sample		K2106466-010	D 10X	[illegible]
69			0715MPL	2021-07-21 5:58:59 PM	Sample		K2106466-011	D	[illegible]
70			0725MPL	2021-07-21 6:00:42 PM	Sample		K2106466-012	D	[illegible]
71			0735MPL	2021-07-21 6:02:25 PM	Sample		K2106466-013	D 10X	[illegible]
72			0745MPL	2021-07-21 6:04:08 PM	Sample		K2106466-014	D 10X	[illegible]
73			0755MPL	2021-07-21 6:05:51 PM	Sample		K2106466-015	D	[illegible]
74			0765MPL	2021-07-21 6:07:34 PM	Sample		K2106466-016	D	[illegible]
75			077 CCV	2021-07-21 6:09:17 PM	CCV		CCV		2
76			078 CCB	2021-07-21 6:11:01 PM	CCB		CCB		1
77			0795MPL	2021-07-21 6:12:44 PM	Sample		K2106466-017	D	[illegible]
78			0805MPL	2021-07-21 6:14:30 PM	Sample		K2106466-018	D 10X	[illegible]
79			0815MPL	2021-07-21 6:16:12 PM	Sample		K2106466-019	D 10X	[illegible]
80			082 CCV	2021-07-21 6:17:55 PM	CCV		CCV		2

	Sample								
	Sr	Type	Data File	Acq. Date-Time	Type	Level	Sample Name	Comment	Vial No.
81			081 CCB	2021-07-21 5:15:38 PM	CCB		CCB		1
82			082LCCV	2021-07-21 5:21:21 PM	LLCCV		LLCCVW		2102
83			083 CCV	2021-07-21 5:23:04 PM	CCV		LLCCVW 2X		2202
84			084 PB	2021-07-21 5:24:47 PM	PB		KQ21-0716-01		1401
85			087 LCS	2021-07-21 5:26:31 PM	LCS		KQ21-0716-02		1501
86			088SMPL	2021-07-21 5:28:14 PM	Sample		K2106466-001	10X	1502
87			089SMPL	2021-07-21 5:29:57 PM	Sample		K2106466-002	10X	1503
88			090SMPL	2021-07-21 5:31:40 PM	Sample		K2106466-003	10X	1504
89			091SMPL	2021-07-21 5:33:23 PM	Sample		K2106466-004	10X	1505
90			092 ARL 2	2021-07-21 5:35:06 PM	ARL		K2106466-005		1506
91			093SMPL	2021-07-21 5:36:48 PM	Sample		KQ21-0918-03		1507
92			094SMPL	2021-07-21 5:38:31 PM	Sample		K2106466-005	5X	1508
93			095 POS 2	2021-07-21 5:40:14 PM	POS		K2106466-006A	10X	1509
94			096 CCV	2021-07-21 5:41:57 PM	CCV		CCV		2
95			097 CCB	2021-07-21 5:43:40 PM	CCB		CCB		1
96			098 SPIKE	2021-07-21 5:45:24 PM	Spike		KQ21-0918-04		1510
97			099SMPL	2021-07-21 5:47:07 PM	Sample		K2106466-006		1511
98			100SMPL	2021-07-21 5:48:50 PM	Sample		K2106466-007	10X	1512
99			101SMPL	2021-07-21 5:50:32 PM	Sample		K2106466-008	10X	1513
100			102SMPL	2021-07-21 5:52:15 PM	Sample		K2106466-009	10X	1514
101			103SMPL	2021-07-21 5:53:58 PM	Sample		K2106466-010	10X	1515
102			104SMPL	2021-07-21 5:55:40 PM	Sample		K2106466-011		1516
103			105SMPL	2021-07-21 5:57:23 PM	Sample		K2106466-012		1517
104			106SMPL	2021-07-21 5:59:06 PM	Sample		K2106466-013	10X	1518
105			107SMPL	2021-07-21 6:00:49 PM	Sample		K2106466-014	10X	1519
106			108 CCV	2021-07-21 6:02:32 PM	CCV		CCV		2
107			109 CCB	2021-07-21 6:04:15 PM	CCB		CCB		1
108			110 CCB	2021-07-21 6:05:58 PM	CCB		CCB		1
109			111SMPL	2021-07-21 6:05:42 PM	Sample		K2106466-015		1520
110			112SMPL	2021-07-21 6:12:31 PM	Sample		K2106466-016		1521
111			113SMPL	2021-07-21 6:12:14 PM	Sample		K2106466-017		1522
112			114SMPL	2021-07-21 6:12:57 PM	Sample		K2106466-018	100X	1523
113			115SMPL	2021-07-21 6:15:24 PM	Sample		K2106466-019	100X	1524
114			116SMPL	2021-07-21 6:17:41 PM	Sample		K2106466-002	100X	1525
115			117SMPL	2021-07-21 6:19:05 PM	Sample		K2106466-004	100X	1526
116			118SMPL	2021-07-21 6:20:48 PM	Sample		K2106466-008	100X	1527
117			119 CCV	2021-07-21 6:22:31 PM	CCV		CCV		2
118			120 CCB	2021-07-21 6:24:14 PM	CCB		CCB		1
119			121LCCV	2021-07-21 6:25:57 PM	LLCCV		LLCCVW		2102
120			122 CCV 2X	2021-07-21 6:27:40 PM	CCV		LLCCVW 2X		2202

Samples

	Type	Rpl	Data File	Acq Date Time	Type	Level	Sample Name	Comment	Vial No
121			123 PB 2	2021 07 21 7:29 23 PM	PB		KQ21 1385 01		3204
122			124 LCS 1	2021 07 21 7:31 06 PM	LCS		KQ21 1385 02		3205
123			125SMPL	2021 07 21 7:32 49 PM	Sample		K2106953 001		3206
124			126SMPL	2021 07 21 7:34 33 PM	Sample		K2106953 002		3207
125			127SMPL	2021 07 21 7:36 15 PM	Sample		K2106953 007	D	3208
126			128SMPL	2021 07 21 7:38 00 PM	Sample		K2106953 008	D	3209
127			129 ARF 1	2021 07 21 7:39 41 PM	A Rpl		K2106953 007	10X	3210
128			130 Dup 1	2021 07 21 7:41 25 PM	Dup		KQ21 1385 03	10X	3211
129			131SMPL	2021 07 21 7:43 09 PM	Sample		K2106953 001	50X	3212
130			132 MDL 1	2021 07 21 7:44 51 PM	MDL		K2106953 001A	10X +S	3213
131			133 CCV	2021 07 21 7:46 33 PM	CCV		CCV		2
132			134 CCB	2021 07 21 7:48 16 PM	CCB		CCB		1
133			135SMPL	2021 07 21 7:49 59 PM	Sample		KQ21 1386 04	10X	3302
134			136SMPL	2021 07 21 7:51 43 PM	Sample		K2106953 002	10X	3303
135			137SMPL	2021 07 21 7:53 26 PM	Sample		K2106953 003	10X	3304
136			138SMPL	2021 07 21 7:55 09 PM	Sample		K2106953 004	10X	3305
137			139SMPL	2021 07 21 7:56 51 PM	Sample		K2106953 005	10X	3306
138			140SMPL	2021 07 21 7:58 34 PM	Sample		K2106953 006	10X	3307
139			141SMPL	2021 07 21 8:00 17 PM	Sample		K2106953 007	D 10X	3308
140			142SMPL	2021 07 21 8:02 00 PM	Sample		K2106953 007	D 10X	3309
141			143SMPL	2021 07 21 8:03 43 PM	Sample		K2106953 008	D 10X	3310
142			144SMPL	2021 07 21 8:05 25 PM	Sample		K2106953 008	D 10X	3311
143			145 CCV	2021 07 21 8:07 10 PM	CCV		CCV		2
144			146 CCB	2021 07 21 8:08 53 PM	CCB		CCB		1
145			147 CCB	2021 07 21 8:10 36 PM	CCB		CCB		1
146			148SMPL	2021 07 21 8:12 19 PM	Sample		K2106953 009	D 10X	3312
147			149SMPL	2021 07 21 8:14 02 PM	Sample		K2106953 009	D 10X	3401
148			150 CCV	2021 07 21 8:15:44 PM	CCV		CCV		2
149			151 CCB	2021 07 21 8:17:27 PM	CCB		CCB		1
150			152 LCS 1	2021 07 21 8:19:10 PM	LCS		LCSW		3402
151			153 CCV	2021 07 21 8:20:52 PM	CCV		LCSW		3403
152			154 CCB 1	2021 07 21 8:22:36 PM	CCB		LCSW x4		3220

Analyte

	Name	Mass	ISTD	Tune Mode	Units	Multiplier
1	P	31	45	He	ug/l	3
2	Cr	52	72	He	ug/l	3
3	Cr	53	72	He	ug/l	3
4	Mn	55	72	He	ug/l	3
5	Fe	56	72	He	ug/l	3
6	Ni	60	72	He	ug/l	3

Analyte

	Name	Mass	ISTD	Tune Mode	Units	Replicate
7	Cr	53	72	He	ug/l	3
8	Co	59	72	He	ug/l	3
9	Zn	66	72	He	ug/l	3
10	As	75	72	He	ug/l	3
11	Mn	55	115	He	ug/l	3
12	Mo	98	115	He	ug/l	3
13	Ag	107	115	He	ug/l	3
14	Ag	109	115	He	ug/l	3
15	Cd	111	115	He	ug/l	3
16	Sb	121	115	He	ug/l	3
17	Sb	123	115	He	ug/l	3
18	Ba	138	115	He	ug/l	3
19	Tl	203	115	He	ug/l	3
20	Tl	205	115	He	ug/l	3
21	[Pb]	206	115	He	ug/l	3
22	[Pb]	207	115	He	ug/l	3
23	Pb	208	115	He	ug/l	3
24	Sc	45		He		3
25	Ge	72		He		3
26	In	115		He		3
27	Lu	175		He		3
28	Th	232		He		3

US EPA Tune Check Report

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US EPA Tune Check Report

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Calibration Standard Report

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Initial Calibration Verification (ICV) Report

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Continuing Calibration Verification (CCV) Report

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Initial Calibration Blank (ICB) Report

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Continuing Calibration Blank (CCB) Report

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Name	Mass	Internal Mass	CPS	CPS RSD	Adj CPS	% Rec.	QC Flag
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Name	Value	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	QC Flag
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Name	Value	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	QC Flag
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Sample name

File name

Data file name

Acq. time

Sample type

Comment

ISTD Batch name

Operator

QC Analyte Table

Name	Value	ISTD	Type	Conc.	Unit	Conc. RSD	DPS	QC Flag
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QC Info Table

Name	Value	Type/Method	DPS	[illegible]	[illegible]	[illegible]	QC Flag
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QC Sample Table

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Prep Blank (PB) Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Reference Sample Report

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Duplicate Sample Report

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Sample Report

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QC Sample Values

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Sample Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Sample Report

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QC Analyte Table

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QC Mix Table

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Reference Sample Report

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Name	Mass	Total Mass	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Name	Mass	[illegible]	Type	[illegible]	[illegible]	[illegible]	[illegible]	QC Flag
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Post Digestion Spike Sample (PDS) Report

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Flag
PDS Failed

Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank [CCB] Report

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Name	Mass	CID	Total Mass	Conc	Units	Conc. Acc.	DF	QC Flag
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Name	Mass	Total Mass	CID	[illegible]	[illegible]	[illegible]	QC Flag
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Matrix Spike Sample (MS) Report

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Name	Mass	Type	Conc	Units	Conc RSD	CFS	Spike Amt	% Rec	Flag
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Name	Mass	Type/Mode	CFS	CFS RSD	Int CFS	% Rec	QC Flag
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Sample Report

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Name	Name	[illegible]	Type	Conc	Units	Conc. Total	CPS	QC Flag
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Name	Name	[illegible]	CPS	CPS SD	Net CPS	% Rec	QC Flag
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Sample Report

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Sample Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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CCB Analysis Times

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Continuing Calibration Blank (CCB) Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Sample Report

Sample Name
File Name
Data Acquisition Method
Acq. Time
Sample Type
Comment
Processing Methods
Operator
QC Analysis Table

Name	Mass	RT	Type	Conc.	Units	Conc. RSD	S/N	QC Flag
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QC Ratio Table

Name	Mass	Formula	Conc.	Conc. Ratio	Ref. Conc.	S/N Ratio	QC Flag
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Sample Report

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Reference Sample Report

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Duplicate Sample Report

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Post Digestion Spike Sample (PDS) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

[illegible]

Name	Mass	Internal Name	CPS	CPS RSD	Bkgd CPS	% Peak	QC Flag
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Sample Report

[illegible]

Analyte	Mass	RSD	Type	Conc	Units	Calc. Conc	CPS	QC Flag
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

[illegible]

Analyte	Mass	Type	CPS	CPS RSD	Ref CPS	% Recov	QC Flag
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Continuing Calibration Verification (CCV) Report

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[illegible]

Name	Mass	ISTD	Tol+Mass	Conc	Units	Conc RSD	CPS	% Rec	QC Flag
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
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Name	Mass	Conc Mass	CPS	CPS RSD	Rel Conc	% Rec	QC Flag
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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[illegible]	[illegible]
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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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[illegible]

Preparation Information Benchsheet

Prep Batch: [illegible]
Team: [illegible]

Prep Work Flow: [illegible]
Prep Method: [illegible]

Status: [illegible]
Prep Date Time: [illegible]

Lab Code	Client ID	Bat	Method/Test	pH	Matrix	Amt Ext	Final Vol	Sample Description
[illegible]	[illegible]		[illegible]		[illegible]		[illegible]	
[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	
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Preparation Steps

[illegible]

[illegible]

Service Request # K2106953, K2107417
Calibration: 072221BICPMS06
ALS LIMS Run# 732 [illegible]
Pipette IDs 16006318, 19070685, 18010244
Pipette Check Due: 06/19/21
Cal Std: MS28-32-A ICSA: MS28-32-D
ICV Std: MS28-32-B ICSAB: MS28-32-E
LLICV Std: MS28-32-C
I.S. Solution: MS27-100-E
Tune Std MS28-3-A

ICP-MS Data Review Form

		Yes	No	NA
1	Appropriate standardization completed	X		
2.	ICV in control (+/- 10%)	X		
3.	CCV's in control (+/- 10%)	X		
4.	ICB/CCB's below MRL	X		
5	LLICV standard analyzed and in control	X		
6	ICS standards within 20% of true value			X
6	All analytes within instrument linear range	X		
7	Adequate rinse out time allowed	X		
8	Internal standards in control	X		
9	Interferences checked	X		
10	Was the run terminated? If so, why		X	

See Benchsheet exception report for sample batch QC information.
Comments [illegible]

Prep Batches. [illegible]

Primary Review by [illegible] Date [illegible]

Secondary Review by [illegible] Date 7/25/21

Data Review Form

Instrument ID#: K-ICP-MS-06
DataFile Name: R:\ICP\WIP\DATA\K-ICP-MS-06 (Agilent 7800)\072221B.csv
RUNNO: 732369

K2106953

No exceptions to report.

K2107417

K2107417-001PS - Metals D - 6020A

PS Recovery

6020A/Metals D - 56 Fe (He) Recovery 125 Limits 80 - 120
6020A/Metals D - 95 Mo (He) Recovery 132 Limits 80 - 120

K2107417-021PS - Metals T - 6020A

PS Recovery

6020A/Metals T - 95 Mo (He) Recovery 53 Limits 80 - 120

Primary Approver
Secondary Approver

	Sample	Rpt	Data File	Acq Date-Time	Type	Level	Sample Name	Comment	Vial No.
1			[illegible]	2021 07 22 6 [illegible] PM	Sample		[illegible]		2
2			[illegible]	2021 07 22 6 [illegible] PM	Sample		[illegible]		1
3			[illegible]	2021 07 22 6 [illegible] PM	Calib	1	[illegible]		1
4			[illegible]	2021 07 22 6 [illegible] PM	Calib	2	[illegible]		2
5			[illegible]	2021 07 22 6 05 01 PM	ICV		ICV		2101
6			[illegible] CCV	2021 07 22 6 06 26 PM	CCV		CCV		2
7			[illegible]	2021 07 22 6 [illegible] PM	ICB		ICB		1
8			[illegible]	2021 07 22 6 [illegible] PM	CCB		CCB		1
9			[illegible]	2021 07 22 6 10 45 PM	LLCV		LLCVW		2102
10			[illegible]	2021 07 22 6 12 08 PM	ICSA		ICSA		2103
11			[illegible]	2021 07 22 6 13 30 PM	ICSB		ICSAB		2104
12			0125MPL	2021 07 22 6 14 53 PM	Sample		MQ 5 [illegible]		2105
13			0135MPL	2021 07 22 6 16 17 PM	Sample		K21 06953 00[illegible]	[illegible]	1308
14			0145MPL	2021 07 22 6 17 39 PM	Sample		K21 06953 00[illegible]	[illegible]	1309
15			0155MPL	2021 07 22 6 19 01 PM	Sample		K21 06953 00[illegible]	[illegible]	1310
16			0165MPL	2021 07 22 6 20 22 PM	Sample		K21 06953 00[illegible]	D [illegible]	1311
17			[illegible]	2021 07 22 6 21 44 PM	Sample		K21 06953 00[illegible]	D [illegible]	1312
18			[illegible]	2021 07 22 6 23 07 PM	Sample		K21 06953 00[illegible]	D [illegible]	1401
19			019 CCV	2021 07 22 6 24 30 PM	CCV		CCV		2
20			[illegible] CCB	2021 07 22 6 25 53 PM	CCB		CCB		1
21			[illegible] CCV	2021 07 22 6 27 1[illegible] PM	LLCCV		LLCCVW		2103
22			022 [illegible]	2021 07 22 6 32 57 PM	Pb		K021 1[illegible]		1402
23			023 [illegible]	2021 07 22 6 34 24 PM	[illegible]		K021 1[illegible]		1403
24			024 [illegible]	2021 07 22 6 35 46 PM	Air/W		K210 [illegible] 021	D	1404
25			[illegible]	2021 07 22 6 37 06 PM	Dup		K021 1030 03	D	1405
26			[illegible]	2021 07 22 6 38 3[illegible] PM	Sample		K210 417 021L	D 5X	1406
27			[illegible]	2021 07 22 6 39 53 PM	PDS		K210 417 021A	D 1:5 Spike	1407
28			[illegible]	2021 07 22 6 41 16 PM	Spike		K021 1 [illegible]	D	1408
29			0295MPL	2021 07 22 6 42 38 PM	Sample		K21 0417 022	D	1409
30			0305MPL	2021 07 22 6 44 01 PM	Sample		K21 0417 023	D	1410
31			0315MPL	2021 07 22 6 45 23 PM	Sample		K21 0417 024	D	1411
32			032 CCV	2021 07 22 6 46 46 PM	CCV		CCV		2
33			033 CCB	2021 07 22 6 48 09 PM	CCB		CCB		1
34			034 [illegible]	2021 07 22 6 50 45 PM	CCB		CCB		1
35			0355MPL	2021 07 22 6 53 13 PM	Sample		K210 417 025	D	1412
36			0365MPL	2021 07 22 6 52 35 PM	Sample		K210 417 034	D	1501
37			[illegible]	2021 07 22 6 54 57 PM	Sample		K210 417 035	D	1502
38			0385MPL	2021 07 22 6 56 18 PM	Sample		K210 417 036	D 10X	1503
39			0395MPL	2021 07 22 6 57 40 PM	Sample		K21 0417 037	D 10X	1504
40			0405MPL	2021 07 22 6 59 02 PM	Sample		K21 0417 038	D 10X	1505

	Sampler								
		Inj	Data File	Acq. Date-Time	Type	Level	Sample Name	Comment	Vial No
41			041SMPL	2021 07 22 7:00:26 PM	Sample		K210741-020	0.10X	1506
42			042SMPL	2021 07 22 7:01:49 PM	Sample		K210741-031	0.10X	1507
43			043SMPL	2021 07 22 7:03:11 PM	Sample		K210741-031	0.10X	1508
44			044SMPL	2021 07 22 7:04:33 PM	Sample		K210741-032	0.10X	1509
45			045 CCV	2021 07 22 7:05:59 PM	CCV		CCV		2
46			047 CCV	2021 07 22 7:11:13 PM	CCV		CCV		2
47			048 CCB	2021 07 22 7:12:37 PM	CCB		CCB		1
48			049LCCV	2021 07 22 7:14:02 PM	LCCV		LCCVW		2103
49			050 QC1.5	2021 07 22 7:16:04 PM	LCC		LCC1.5WJX		2202
50			051SMPL	2021 07 22 7:17:28 PM	Sample		K210741-033	0.10X	1510
51			052SMPL	2021 07 22 7:18:54 PM	Sample		K210741-028	0.100X (2x)	3258
52			053SMPL	2021 07 22 7:20:16 PM	Sample		K210741-029	0.1000X	3209
53			054SMPL	2021 07 22 7:21:39 PM	Sample		K210741-032	0.1000X	3210
54			055SMPL	2021 07 22 7:23:02 PM	Sample		K210741-033	0.1000X	3211
55			056 PB 0	2021 07 22 7:24:25 PM	PB		KG211090-01		1511
56			057 PB 0	2021 07 22 7:25:50 PM	PB		KG211090-02		1512
57			058 ICS 0	2021 07 22 7:27:12 PM	ICS		KG211090-03		1513
58			059 AuNP 0	2021 07 22 7:28:37 PM	AuNP		K210741-031		3101
59			060 Dup 0	2021 07 22 7:29:59 PM	Dup		KG211090-03		3102
60			061 CCV	2021 07 22 7:31:23 PM	CCV		CCV		2
61			062 CCB	2021 07 22 7:32:46 PM	CCB		CCB		1
62			063SMPL	2021 07 22 7:34:10 PM	Sample		K210741-021L	5X	3103
63			064 PCS 0	2021 07 22 7:37:01 PM	PCS		K210741-021A	1:100dpm	3104
64			065 SPK 0	2021 07 22 7:38:54 PM	Spike		KG211090-04		3105
65			066SMPL	2021 07 22 7:42:46 PM	Sample		K210741-022		3106
66			067SMPL	2021 07 22 7:45:19 PM	Sample		K210741-023		3107
67			068SMPL	2021 07 22 7:48:31 PM	Sample		K210741-024		3108
68			069SMPL	2021 07 22 7:51:32 PM	Sample		K210741-025		3109
69			070SMPL	2021 07 22 7:54:15 PM	Sample		K210741-034		3110
70			071SMPL	2021 07 22 7:56:03 PM	Sample		K210741-035		3111
71			072SMPL	2021 07 22 7:59:52 PM	Sample		K210741-026	10X	3112
72			073 CCV	2021 07 22 8:02:57 PM	CCV		CCV		2
73			074 CCB	2021 07 22 8:05:45 PM	CCB		CCB		1
74			075SMPL	2021 07 22 8:08:38 PM	Sample		K210741-027	10X	3201
75			076SMPL	2021 07 22 8:11:30 PM	Sample		K210741-028	10X	3202
76			077SMPL	2021 07 22 8:14:24 PM	Sample		K210741-029	10X	3203
77			078SMPL	2021 07 22 8:17:17 PM	Sample		K210741-030	10X	3204
78			079SMPL	2021 07 22 8:20:09 PM	Sample		K210741-031	10X	3205
79			080SMPL	2021 07 22 8:23:01 PM	Sample		K210741-032	10X	3206
80			081SMPL	2021 07 22 8:25:53 PM	Sample		K210741-033	10X	3207

	Sampling								
		Type	Data File	Acq Date Time	Type	Level	Sample Name	Comment	Vial No.
81			082SMPL	2021 07 22 8 28 52 PM	Sample		K210341-028	100X	3398
82			083SMPL	2021 07 22 8 31 44 PM	Sample		K210341-029	100X	3399
83			084SMPL	2021 07 22 8 34 36 PM	Sample		K210341-030	100X	3300
84			085 CCV	2021 07 22 8 37 29 PM	CCV		CCV		2
85			086 CCB	2021 07 22 8 40 22 PM	CCB		CCB		1
86			087LCCV	2021 07 22 8 43 15 PM	LCCV		LCCVW		2302
87			088 LCCB	2021 07 22 8 46 10 PM	LCCB		LCCBW 24		2303
88			089SMPL	2021 07 22 8 49 03 PM	Sample		K210341-033	100X	3304
89			090 PB1A	2021 07 22 8 51 56 PM	PB		K0211289 01		3304
90			091 LCS a	2021 07 22 8 54 46 PM	LCS		K0211989 02		3305
91			092 ABI a	2021 07 22 8 57 39 PM	ABI		K210341-034	D	3306
92			093 DLD a	2021 07 22 9 00 32 PM	DLD		K0211989 03	D	3307
93			094SMPL	2021 07 22 9 03 24 PM	Sample		K210341-035	D 5X	3308
94			095 PLS a	2021 07 22 9 06 17 PM	PLS		K210341-035A	D 50X	3309
95			096 SHS a	2021 07 22 9 09 09 PM	Sample		K0211989 04	D	3310
96			097SMPL	2021 07 22 9 12 01 PM	Sample		K210341-002	D	3311
97			098SMPL	2021 07 22 9 14 53 PM	Sample		K210341-003	D	3312
98			099 CCV	2021 07 22 9 17 46 PM	CCV		CCV		2
99			100 CCB	2021 07 22 9 20 39 PM	CCB		CCB		1
100			101SMPL	2021 07 22 9 23 32 PM	Sample		K210341-004	D	3401
101			102SMPL	2021 07 22 9 26 25 PM	Sample		K210341-005	D	3402
102			103SMPL	2021 07 22 9 29 17 PM	Sample		K210341-006	D	3403
103			104SMPL	2021 07 22 9 32 09 PM	Sample		K210341-007	D	3404
104			105SMPL	2021 07 22 9 35 01 PM	Sample		K210341-008	D	3405
105			106SMPL	2021 07 22 9 37 53 PM	Sample		K210341-009	D	3406
106			107SMPL	2021 07 22 9 40 45 PM	Sample		K210341-010	D	3407
107			108SMPL	2021 07 22 9 43 36 PM	Sample		K210341-011	D	3408
108			109SMPL	2021 07 22 9 46 29 PM	Sample		K210341-012	D	3409
109			110SMPL	2021 07 22 9 49 22 PM	Sample		K210341-013	D	3410
110			111 CCV	2021 07 22 9 52 14 PM	CCV		CCV		2
111			112 CCB	2021 07 22 9 55 07 PM	CCB		CCB		1
112			113SMPL	2021 07 22 9 58 02 PM	Sample		K210341-014	D	3411
113			114SMPL	2021 07 22 10 00 54 P	Sample		K210341-015	D	3412
114			115SMPL	2021 07 22 10 03 46 P	Sample		K210341-016	D	3413
115			116SMPL	2021 07 22 10 06 38 P	Sample		K210341-017	D	3414
116			117SMPL	2021 07 22 10 09 31 P	Sample		K210341-018	D	3415
117			118SMPL	2021 07 22 10 12 23 P	Sample		K210341-019	D	3416
118			119SMPL	2021 07 22 10 15 17 P	Sample		K210341-020	D	3417
119			120 CCV	2021 07 22 10 18 05 P	CCV		CCV		2
120			121 CCB	2021 07 22 10 20 59 P	CCB		CCB		1

	Sample		Data File	Acq. Date-Time	Type	Level	Sample Name	Comment	Vial No.
121			122_CCV	2021 07-22 10:25:54 P	CCV		CCV		2102
122			123_CCB	2021 07-22 10:26:42 P	CCB		CCB		2202
123			124_PB_S	2021 07-22 10:29:42 P	PB		KQ21110588-01		1101
124			125_LCS	2021 07-22 10:32:34 P	LCS		KQ21110588-02		1102
125			126_MB_S	2021 07-22 10:35:26 P	Blank		KQ210413-001		1103
126			127_Dup_S	2021 07-22 10:38:18 P	Dup		KQ21110588-03		1104
127			128SVPL	2021 07-22 10:41:10 P	Sample		KQ210413-001	DX	1105
128	✓		129_PDS_S	2021 07-22 10:44:02 P	PDS		KQ210413-001A	MSDpb	1106
129	✓		130_SPK_S	2021 07-22 10:46:54 P	Spike		KQ21110588-04		1107
130			131SVPL	2021 07-22 10:49:45 P	Sample		KQ210413-002		1108
131			132SVPL	2021 07-22 10:52:37 P	Sample		KQ210413-003		1109
132			133SVPL	2021 07-22 10:55:29 P	Sample		KQ210413-004		1110
133			134_CCV	2021 07-22 10:58:22 P	CCV		CCV		2
134			135_CCB	2021 07-22 11:01:15 P	CCB		CCB		1
135			136SVPL	2021 07-22 11:04:08 P	Sample		KQ210413-005		1111
136			137SVPL	2021 07-22 11:07:00 P	Sample		KQ210413-006		1112
137	✓		138SVPL	2021 07-22 11:09:51 P	Sample		KQ210413-007		1201
138	✓		139SVPL	2021 07-22 11:12:44 P	Sample		KQ210413-008		1202
139			140SVPL	2021 07-22 11:15:36 P	Sample		KQ210413-009		1203
140			141SVPL	2021 07-22 11:18:28 P	Sample		KQ210413-010		1204
141			142SVPL	2021 07-22 11:21:20 P	Sample		KQ210413-011		1205
142			143SVPL	2021 07-22 11:24:11 P	Sample		KQ210413-012		1206
143			144SVPL	2021 07-22 11:27:03 P	Sample		KQ210413-013		1207
144			145SVPL	2021 07-22 11:29:54 P	Sample		KQ210413-014		1208
145			146_CCV	2021 07-22 11:32:49 P	CCV		CCV		2
146			147_CCB	2021 07-22 11:35:42 P	CCB		CCB		1
147	✓		148SVPL	2021 07-22 11:38:35 P	Sample		KQ210413-015		1209
148	✓		149SVPL	2021 07-22 11:41:27 P	Sample		KQ210413-016		1210
149			150SVPL	2021 07-22 11:44:19 P	Sample		KQ210413-017		1211
150			151SVPL	2021 07-22 11:47:10 P	Sample		KQ210413-018		1212
151	✓		152SVPL	2021 07-22 11:50:02 P	Sample		KQ210413-019		1301
152	✓		153SVPL	2021 07-22 11:52:54 P	Sample		KQ210413-020		1302
153			154_CCV	2021 07-22 11:55:46 P	CCV		CCV		2
154			155_CCB	2021 07-22 11:58:39 P	CCB		CCB		1
155			156_LCV	2021 07-22 12:01:33 A	LCCV		LCCVW		2102
156			157_LCCB	2021 07-22 12:04:25 A	LCCB		LCCBW		2202

Analyte

	Name	Mass	CRM	Time Mode	Units	Replicate
1	Fe	56	22	He	ug/l	3
2	As	[illegible]	22	He	ug/l	[illegible]

Analysis

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1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3
3	[illegible]	[illegible]		[illegible]		3
4	[illegible]	[illegible]		[illegible]		3
5	[illegible]	[illegible]		[illegible]		3

US EPA Tune Check Report

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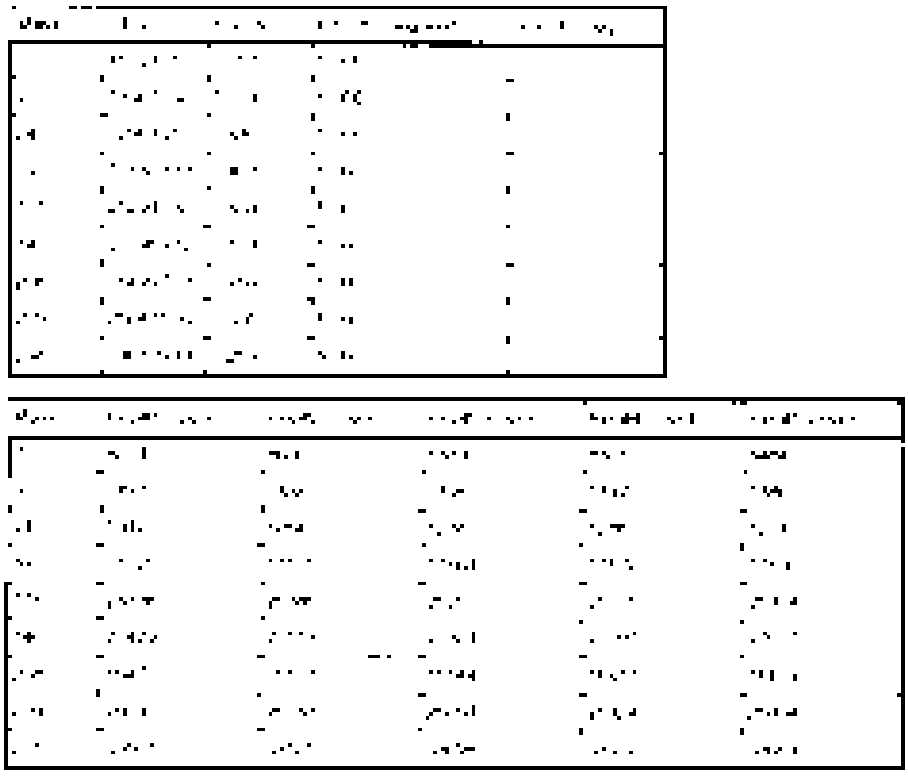

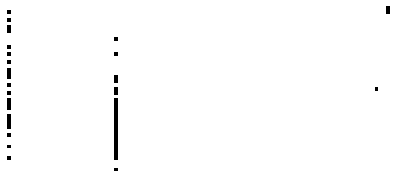

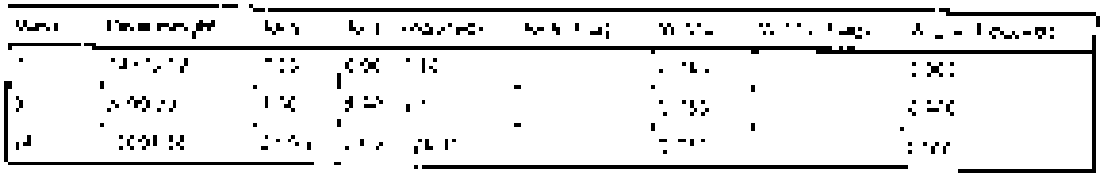

US EPA Tune Check Report

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Calibration Standard Report

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Initial Calibration Verification (ICV) Report

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Name	Mass	[illegible]	[illegible]	Conc	[illegible]	Conc % RSD	CPS	% Rec	QC Flag
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Name	Mass	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	QC Flag
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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Name	Rem	[illegible]	CPS	CPS (RSD)	Rel Conc	[illegible]	QC Flag
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Low Level Initial Calibration Verification (LLICV) Report

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QC Results Table

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QC ISTD Table

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Bank (PH) Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Duplicate Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Reference Sample Report

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Duplicate Sample Report

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Post Digest on Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Duplicate Sample Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Bank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

[illegible]

Name	Mass	[illegible]	CPS	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Low Level Continuing Calibration Verification (LLCCV) Report

[illegible]

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Low Level Continuing Calibration Verification (LLCCV) Report

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

ALS Environmental
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August 16, 2021

Analytical Report for Service Request No: K2107118
Revised Service Request No: K2107118.01

Jessica Goin
Anchor QEA, LLC
421 SW Sixth Ave.
Suite 750
Portland, OR 97204

RE: Grumman Road MNR

Dear Jessica,

Enclosed is the revised report for the sample(s) submitted to our laboratory June 18, 2021
For your reference, these analyses have been assigned our service request number **K2107118.**

The missing total and dissolved metals for samples:GR-GWC-15-207 (K2107118-04) and GR-GWC-20-207 (K2107118-06) have been included.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

We apologize for any inconvenience this may have created.

Please contact me if you have any questions. My extension is 3376. You may also contact me via email at Mark.Harris@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Mark Harris
Project Manager

REVISED
11:17 am, Aug 16, 2021

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Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Case Narrative

ALS Environmental—Kelso Laboratory
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1317 South 13th Ave, Kelso, WA 98626 | 1-360-577-7222 | www.alsglobal.com

Client: Anchor QEA, LLC
Project: Grumman Road MNR
Sample Matrix: Water

Service Request: K2107118
Date Received: 06/18/2021

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.

Sample Receipt:

Ten water samples were received for analysis at ALS Environmental on 06/18/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

General Chemistry:

No significant anomalies were noted with this analysis.

Approved by _____ Date 08/03/2021

Chain of Custody

ALS Environmental—Kelso Laboratory
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Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

CHAIN OF CUSTODY

Cooler Receipt and Preservation Form

Client _____ Service Request K2[illegible]

Received: [illegible] Opened: [illegible] By: [illegible] Unpacked: [illegible] By: [illegible]

1. Was a temperature reading taken? EXPS FedEx UPS DHL POS Courier Hand Delivered
2. Was a temperature reading taken? Cooler Box Envelope Other N/A
3. Was custody seal on cooler intact? Y N If yes, how many and where
   If present, were dates and signature intact? Y N If present, were dates and signature intact? Y N
4. Was Temperature Blank present in cooler? Y N If no, indicate the temperature of the appropriate container below
   If no, indicate temperature of the container from which samples were removed in the Preservation Table below and identify the [illegible]
5. Were all sample containers received intact? (Not broken or leaking) Y N Y N
   Were all sample containers and sample labels legible? If no, note the number of labels and identify the [illegible] Y N Y N

Disposition: Cooler unpacked with no issues Empty Partially Filled Filled

Temp Blank	Sample Temp	IR Gun	Cooler ID/COC ID (NA)	Out of Temp indicate with "X"	PM Notified If out of temp	Tracking Number NA	Initial
[illegible]		[illegible]					

5. Did cooler contain: Patient Regular Bubble Wrap Foil/Plastic Wet Ice Dry Ice Other
6. Were custody papers properly filled out (ink, signed, etc.)? Y N Y N
7. Were sample containers properly marked with sample numbers? Y N Y N
8. Were sample labels complete (sampler, date, time, preservative, etc.)? Y N Y N
9. Did all sample labels agree with custody papers? Y N Y N
10. Were appropriate containers and volume received for the tests indicated? Y N Y N
11. Were pH sensitive containers checked and found to be appropriate pH? (Exceptions noted below) Y N Y N
12. Were VOA vials received? (N/A) Y N Y N
13. Were CLP Samples? (N/A) Y N Y N

Sample ID on Bottle	Sample ID on COC	Identified by:

Sample ID	Matrix Count Bottle Type	Headspace	Chlorine	pH	Reagent	Volume added	Reagent Lot Number	Initials	Time

Notes (Discrepancies, Resolutions)

General Chemistry

ALS Environmental—Kelso Laboratory
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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 - 06/16/21
Sample Matrix:	Water	**Date Received:**	06/18/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Chloride

Sample Name	Lab Code	Result	MRL	MDL	Dil.	Date Analyzed	Q
GR_GWC_15_010	K2107118-001	**3.95**	0.20	0.02	2	07/02/21 11:32	
GR_GWC_20_010	K2107118-002	**28.2**	2.0	0.2	20	07/01/21 17:47	
GR_GWC_15_107	K2107118-003	**4.04**	0.20	0.02	2	07/02/21 12:30	
GR_GWC_15_207	K2107118-004	**3.98**	0.20	0.02	2	07/02/21 12:42	
GR_GWC_20_107	K2107118-005	**29.6**	2.0	0.2	20	07/01/21 18:22	
GR_GWC_20_207	K2107118-006	**29.6**	2.0	0.2	20	07/01/21 18:33	
GR_GWC_15_007	K2107118-007	**4.03**	0.20	0.02	2	07/02/21 17:42	
GR_GWC_20_007	K2107118-008	**29.8**	2.0	0.2	20	07/01/21 18:56	
GR_GWC_15_111	K2107118-009	**4.40**	0.20	0.02	2	07/02/21 18:40	
GR_GWC_15_211	K2107118-010	**818**	10	0.7	100	07/02/21 19:03	
Method Blank	K2107118-MB1	ND U	0.10	0.007	1	07/01/21 15:51	
Method Blank	K2107118-MB2	ND U	0.10	0.007	1	07/02/21 15:34	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project	Grumman Road MNR	**Date Collected:**	06/15/21
Sample Matrix:	Water	**Date Received:**	06/18/21
		Date Analyzed:	07/02/21

Replicate Sample Summary
General Chemistry Parameters

Sample Name:	GR_GWC_15_010	**Units:**	mg/L
Lab Code:	K2107118-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample K2107118-001DUP Result	Average	RPD	RPD Limit
Chloride	300.0	0.20	0.02	3.95	3.55	3.75	11	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/15/21
Sample Matrix:	Water	**Date Received:**	06/18/21
		Date Analyzed:	07/2/21
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Chloride

Sample Name:	GR_GWC_15_010	**Units:**	mg/L
Lab Code:	K2107118-001	**Basis:**	NA
Analysis Method:	300.0		
Prep Method:	None		

		Matrix Spike			**Duplicate Matrix Spike**					
		K2107118-001MS			K2107118-001DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Chloride	3.95	11.4	8.00	93	11.4	8.00	93	90-110	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Analyzed:**	07/01/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Chloride

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	729757

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2107118-LCS1	4.78	5.00	96	90-110

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Analyzed:**	07/02/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Chloride

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	729932

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2107118-LCS2	4.79	5.00	96	90-110

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR

Continuing Calibration Verification (CCV) Summary

Chloride

Analysis Method: 300.0 **Units:** mg/L

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	729757	KQ2112326-01	07/01/21 15:16	5.00	4.78	96	90-110
CCV2	729757	KQ2112326-02	07/01/21 17:12	5.00	4.80	96	90-110
CCV3	729757	KQ2112326-03	07/01/21 19:43	5.00	4.75	95	90-110
CCV4	729757	KQ2112326-04	07/02/21 14:07	5.00	4.81	96	90-110
CCV5	729932	KQ2112414-01	07/02/21 14:59	5.00	4.83	97	90-110
CCV6	729932	KQ2112414-02	07/02/21 17:18	5.00	4.83	97	90-110
CCV7	729932	KQ2112414-03	07/02/21 19:38	5.00	4.84	97	90-110

Client: Anchor QEA, LLC **Service Request:**K2107118
Project: Grumman Road MNR

Continuing Calibration Blank (CCB) Summary
Chloride

Analysis Method: 300.0 **Units:**mg/L

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	729757	KQ2112326-05	07/01/21 15:28	0.10	0.007	ND	U
CCB2	729757	KQ2112326-06	07/01/21 17:24	0.10	0.007	ND	U
CCB3	729757	KQ2112326-07	07/01/21 19:55	0.10	0.007	ND	U
CCB4	729757	KQ2112326-08	07/02/21 14:19	0.10	0.007	ND	U
CCB5	729932	KQ2112414-04	07/02/21 15:11	0.10	0.007	ND	U
CCB6	729932	KQ2112414-05	07/02/21 17:30	0.10	0.007	ND	U
CCB7	729932	KQ2112414-06	07/02/21 19:49	0.10	0.007	ND	U

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 - 06/16/21
Sample Matrix:	Water	**Date Received:**	06/18/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Sulfate

Sample Name	Lab Code	Result	MRL	MDL	Dil.	Date Analyzed	Q
GR_GWC_15_010	K2107118-001	**41.3**	4.0	0.4	20	07/01/21 17:35	
GR_GWC_20_010	K2107118-002	**987**	40	4	200	07/02/21 12:19	
GR_GWC_15_107	K2107118-003	**84.8**	4.0	0.4	20	07/01/21 17:58	
GR_GWC_15_207	K2107118-004	**553**	20	2	100	07/02/21 12:53	
GR_GWC_20_107	K2107118-005	**1040**	40	4	200	07/02/21 13:05	
GR_GWC_20_207	K2107118-006	**1380**	80	8	400	07/02/21 13:17	
GR_GWC_15_007	K2107118-007	**46.4**	4.0	0.4	20	07/01/21 18:45	
GR_GWC_20_007	K2107118-008	**981**	40	4	200	07/02/21 17:53	
GR_GWC_15_111	K2107118-009	**89.1**	4.0	0.4	20	07/01/21 19:08	
GR_GWC_15_211	K2107118-010	**498**	20	2	100	07/02/21 19:03	
Method Blank	K2107118-MB1	ND U	0.20	0.02	1	07/01/21 15:51	
Method Blank	K2107118-MB2	ND U	0.20	0.02	1	07/02/21 15:34	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project	Grumman Road MNR	**Date Collected:**	06/16/21
Sample Matrix:	Water	**Date Received:**	06/18/21
		Date Analyzed:	07/02/21

Replicate Sample Summary
General Chemistry Parameters

Sample Name:	GR_GWC_20_007	**Units:**	mg/L
Lab Code:	K2107118-008	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample K2107118-008DUP Result	Average	RPD	RPD Limit
Sulfate	300.0	40	4	981	973	977	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21
Sample Matrix:	Water	**Date Received:**	06/18/21
		Date Analyzed:	07/2/21
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Sulfate

Sample Name:	GR_GWC_20_007	**Units:**	mg/L
Lab Code:	K2107118-008	**Basis:**	NA
Analysis Method:	300.0		
Prep Method:	None		

		Matrix Spike K2107118-008MS			Duplicate Matrix Spike K2107118-008DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Sulfate	981	1750	800	97	1760	800	97	90-110	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Analyzed:**	07/01/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Sulfate

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	729757

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2107118-LCS1	4.93	5.00	99	90-110

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Analyzed:**	07/02/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Sulfate

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	729932

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2107118-LCS2	4.92	5.00	98	90-110

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR

Continuing Calibration Verification (CCV) Summary

Sulfate

Analysis Method: 300.0 **Units:** mg/L

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	729757	KQ2112326-01	07/01/21 15:16	5.00	4.89	98	90-110
CCV2	729757	KQ2112326-02	07/01/21 17:12	5.00	4.91	98	90-110
CCV3	729757	KQ2112326-03	07/01/21 19:43	5.00	4.85	97	90-110
CCV4	729757	KQ2112326-04	07/02/21 14:07	5.00	4.92	98	90-110
CCV5	729932	KQ2112414-01	07/02/21 14:59	5.00	4.88	98	90-110
CCV6	729932	KQ2112414-02	07/02/21 17:18	5.00	4.96	99	90-110
CCV7	729932	KQ2112414-03	07/02/21 19:38	5.00	4.93	99	90-110

Client: Anchor QEA, LLC **Service Request:**K2107118
Project: Grumman Road MNR

Continuing Calibration Blank (CCB) Summary
Sulfate

Analysis Method: 300.0 **Units:**mg/L

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	729757	KQ2112326-05	07/01/21 15:28	0.20	0.02	ND	U
CCB2	729757	KQ2112326-06	07/01/21 17:24	0.20	0.02	ND	U
CCB3	729757	KQ2112326-07	07/01/21 19:55	0.20	0.02	ND	U
CCB4	729757	KQ2112326-08	07/02/21 14:19	0.20	0.02	ND	U
CCB5	729932	KQ2112414-04	07/02/21 15:11	0.20	0.02	ND	U
CCB6	729932	KQ2112414-05	07/02/21 17:30	0.20	0.02	ND	U
CCB7	729932	KQ2112414-06	07/02/21 19:49	0.20	0.02	ND	U

Metals

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
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11:19 am, Aug 16, 2021

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 19:00
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_010	**Basis:**	NA
Lab Code:	K2107118-001		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**261**	ug/L	0.50	0.09	1	07/23/21 20:01	06/25/21	
Iron	6020A	**517**	ug/L	2.0	0.3	1	07/23/21 20:01	06/25/21	
Molybdenum	6020A	**100**	ug/L	0.10	0.03	1	07/23/21 20:01	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 19:00
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_010	**Basis:**	NA
Lab Code:	K2107118-001		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**252**	ug/L	0.50	0.09	1	07/23/21 20:39	06/25/21	
Iron	6020A	**484**	ug/L	2.0	0.3	1	07/23/21 20:39	06/25/21	
Molybdenum	6020A	**97.0**	ug/L	0.10	0.03	1	07/23/21 20:39	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 19:15
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_010	**Basis:**	NA
Lab Code:	K2107118-002		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**249**	ug/L	0.50	0.09	1	07/23/21 20:13	06/25/21	
Iron	6020A	**361**	ug/L	2.0	0.3	1	07/23/21 20:13	06/25/21	
Molybdenum	6020A	**563**	ug/L	0.10	0.03	1	07/23/21 20:13	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 19:15
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_010	**Basis:**	NA
Lab Code:	K2107118-002		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**255**	ug/L	0.50	0.09	1	07/23/21 20:42	06/25/21	
Iron	6020A	**375**	ug/L	2.0	0.3	1	07/23/21 20:42	06/25/21	
Molybdenum	6020A	**561**	ug/L	0.10	0.03	1	07/23/21 20:42	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 19:10
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_107	**Basis:**	NA
Lab Code:	K2107118-003		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**8.21**	ug/L	0.50	0.09	1	07/23/21 20:15	06/25/21	
Iron	6020A	**132**	ug/L	2.0	0.3	1	07/23/21 20:15	06/25/21	
Molybdenum	6020A	**87.6**	ug/L	0.10	0.03	1	07/23/21 20:15	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 19:10
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_107	**Basis:**	NA
Lab Code:	K2107118-003		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**152**	ug/L	0.50	0.09	1	07/23/21 20:44	06/25/21	
Iron	6020A	**12500**	ug/L	2.0	0.3	1	07/23/21 20:44	06/25/21	
Molybdenum	6020A	**93.9**	ug/L	0.10	0.03	1	07/23/21 20:44	06/25/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 19:20
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_207	**Basis:**	NA
Lab Code:	K2107118-004		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**1.22**	ug/L	0.50	0.09	1	07/23/21 20:18	06/25/21	
Iron	6020A	**73800**	ug/L	20	3	10	07/23/21 21:08	06/25/21	
Molybdenum	6020A	**0.57**	ug/L	0.10	0.03	1	07/23/21 20:18	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 19:20
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_207	**Basis:**	NA
Lab Code:	K2107118-004		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**49.2**	ug/L	0.50	0.09	1	07/23/21 20:46	06/25/21	
Iron	6020A	**103000**	ug/L	20	3	10	07/23/21 21:12	06/25/21	
Molybdenum	6020A	**18.9**	ug/L	0.10	0.03	1	07/23/21 20:46	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 19:30
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_107	**Basis:**	NA
Lab Code:	K2107118-005		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**0.92**	ug/L	0.50	0.09	1	07/23/21 20:25	06/25/21	
Iron	6020A	**37.2**	ug/L	2.0	0.3	1	07/23/21 20:25	06/25/21	
Molybdenum	6020A	**492**	ug/L	0.10	0.03	1	07/23/21 20:25	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 19:30
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_107	**Basis:**	NA
Lab Code:	K2107118-005		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**103**	ug/L	0.50	0.09	1	07/23/21 20:53	06/25/21	
Iron	6020A	**7480**	ug/L	2.0	0.3	1	07/23/21 20:53	06/25/21	
Molybdenum	6020A	**524**	ug/L	0.10	0.03	1	07/23/21 20:53	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 19:40
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_207	**Basis:**	NA
Lab Code:	K2107118-006		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**0.13**	ug/L	0.50	0.09	1	07/23/21 20:27	06/25/21	**J**
Iron	6020A	**123000**	ug/L	20	3	10	07/23/21 21:10	06/25/21	
Molybdenum	6020A	**25.5**	ug/L	0.10	0.03	1	07/23/21 20:27	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 19:40
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_207	**Basis:**	NA
Lab Code:	K2107118-006		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**1.56**	ug/L	0.50	0.09	1	07/23/21 20:56	06/25/21	
Iron	6020A	**126000**	ug/L	20	3	10	07/23/21 21:15	06/25/21	
Molybdenum	6020A	**36.0**	ug/L	0.10	0.03	1	07/23/21 20:56	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 17:45
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_007	**Basis:**	NA
Lab Code:	K2107118-007		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**251**	ug/L	0.50	0.09	1	07/23/21 20:30	06/25/21	
Iron	6020A	**477**	ug/L	2.0	0.3	1	07/23/21 20:30	06/25/21	
Molybdenum	6020A	**97.2**	ug/L	0.10	0.03	1	07/23/21 20:30	06/25/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 17:45
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_007	**Basis:**	NA
Lab Code:	K2107118-007		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**255**	ug/L	0.50	0.09	1	07/23/21 20:58	06/25/21	
Iron	6020A	**514**	ug/L	2.0	0.3	1	07/23/21 20:58	06/25/21	
Molybdenum	6020A	**96.6**	ug/L	0.10	0.03	1	07/23/21 20:58	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 18:00
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_007	**Basis:**	NA
Lab Code:	K2107118-008		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**250**	ug/L	0.50	0.09	1	07/23/21 20:32	06/25/21	
Iron	6020A	**367**	ug/L	2.0	0.3	1	07/23/21 20:32	06/25/21	
Molybdenum	6020A	**575**	ug/L	0.10	0.03	1	07/23/21 20:32	06/25/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 18:00
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_007	**Basis:**	NA
Lab Code:	K2107118-008		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**244**	ug/L	0.50	0.09	1	07/23/21 21:01	06/25/21	
Iron	6020A	**361**	ug/L	2.0	0.3	1	07/23/21 21:01	06/25/21	
Molybdenum	6020A	**563**	ug/L	0.10	0.03	1	07/23/21 21:01	06/25/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 18:30
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_111	**Basis:**	NA
Lab Code:	K2107118-009		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**16.0**	ug/L	0.50	0.09	1	07/23/21 20:34	06/25/21	
Iron	6020A	**880**	ug/L	2.0	0.3	1	07/23/21 20:34	06/25/21	
Molybdenum	6020A	**97.9**	ug/L	0.10	0.03	1	07/23/21 20:34	06/25/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 18:30
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_111	**Basis:**	NA
Lab Code:	K2107118-009		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**134**	ug/L	0.50	0.09	1	07/23/21 21:03	06/25/21	
Iron	6020A	**11800**	ug/L	2.0	0.3	1	07/23/21 21:03	06/25/21	
Molybdenum	6020A	**98.1**	ug/L	0.10	0.03	1	07/23/21 21:03	06/25/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 18:40
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_211	**Basis:**	NA
Lab Code:	K2107118-010		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**3.28**	ug/L	0.50	0.09	1	07/23/21 20:37	06/25/21	
Iron	6020A	**38200**	ug/L	2.0	0.3	1	07/23/21 20:37	06/25/21	
Molybdenum	6020A	**0.15**	ug/L	0.10	0.03	1	07/23/21 20:37	06/25/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 18:40
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_211	**Basis:**	NA
Lab Code:	K2107118-010		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**221**	ug/L	0.50	0.09	1	07/23/21 21:05	06/25/21	
Iron	6020A	**220000**	ug/L	20	3	10	08/03/21 12:40	06/25/21	
Molybdenum	6020A	**89.7**	ug/L	0.10	0.03	1	07/23/21 21:05	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2111456-01		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	0.50	0.09	1	07/23/21 19:57	06/25/21	
Iron	6020A	ND	U	ug/L	2.0	0.3	1	07/23/21 19:57	06/25/21	
Molybdenum	6020A	ND	U	ug/L	0.10	0.03	1	07/23/21 19:57	06/25/21	

ALS Group USA, Corp.
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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project	Grumman Road MNR	**Date Collected:**	06/15/21
Sample Matrix:	Water	**Date Received:**	06/18/21
		Date Analyzed:	07/23/21

Replicate Sample Summary
Dissolved Metals

Sample Name:	GR_GWC_15_010	**Units:**	ug/L
Lab Code:	K2107118-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2111456-03 Result	Average	RPD	RPD Limit
Arsenic	6020A	0.50	0.09	261	259	260	<1	20
Iron	6020A	2.0	0.3	517	517	517	<1	20
Molybdenum	6020A	0.10	0.03	100	96.6	98.3	3	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Printed 8/16/2021 11:07:07 AM

Superset Reference:

ALS Group USA, Corp.
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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/15/21
Sample Matrix:	Water	**Date Received:**	06/18/21
		Date Analyzed:	07/23/21
		Date Extracted:	06/25/21

Matrix Spike Summary
Dissolved Metals

Sample Name:	GR_GWC_15_010	**Units:**	ug/L
Lab Code:	K2107118-001	**Basis:**	NA
Analysis Method:	6020A		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2111456-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	261	300	50.0	77 #	75-125
Iron	517	551	50.0	69 #	75-125
Molybdenum	100	123	25.0	91	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Analyzed:**	07/23/21
Sample Matrix:	Water		

Lab Control Sample Summary
Total Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2111456-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6020A	51.0	50.0	102	80-120
Iron	6020A	49.4	50.0	99	80-120
Molybdenum	6020A	26.1	25.0	105	80-120

ALS Group USA, Corp.
dba ALS Environmental

Prep Summary Report

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR
Sample Matrix: Water

Metals

Prep Method: EPA CLP ILM04.0 **Extraction Lot:** 381842
Analytical Method: 6020A **Extraction Date:** 06/25/21 10:33

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Amount	Percent Solids
GR_GWC_15_010	K2107118-001	6/15/21	6/18/21	10 mL	10 mL	
GR_GWC_20_010	K2107118-002	6/15/21	6/18/21	10 mL	10 mL	
GR_GWC_15_107	K2107118-003	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_15_207	K2107118-004	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_20_107	K2107118-005	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_20_207	K2107118-006	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_15_007	K2107118-007	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_20_007	K2107118-008	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_15_111	K2107118-009	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_15_211	K2107118-010	6/16/21	6/18/21	10 mL	10 mL	
Duplicate	KQ2111456-03DUP	6/15/21	6/18/21	10 mL	10 mL	
Matrix Spike	KQ2111456-04MS	6/15/21	6/18/21	10 mL	10 mL	
GR_GWC_15_010	K2107118-001	6/15/21	6/18/21	10 mL	10 mL	
GR_GWC_20_010	K2107118-002	6/15/21	6/18/21	10 mL	10 mL	
GR_GWC_15_107	K2107118-003	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_15_207	K2107118-004	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_20_107	K2107118-005	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_20_207	K2107118-006	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_15_007	K2107118-007	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_20_007	K2107118-008	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_15_111	K2107118-009	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_15_211	K2107118-010	6/16/21	6/18/21	10 mL	10 mL	
Method Blank	KQ2111456-01MB	NA	NA	10 mL	10 mL	
Lab Control Sample	KQ2111456-02LCS	NA	NA	10 mL	10.3 mL	

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits
ICV 07/23/21 18:23						
Arsenic	6020A	732436	23.4	25.0	94	90-110
Iron	6020A	732436	47.8	50.0	96	90-110
Molybdenum	6020A	732436	24.3	25.0	97	90-110
CCV 07/23/21 18:24						
Arsenic	6020A	732436	25.0	25.0	100	90-110
Iron	6020A	732436	248	250	99	90-110
Molybdenum	6020A	732436	12.7	12.5	102	90-110
CCV 07/23/21 18:48						
Arsenic	6020A	732436	25.4	25.0	102	90-110
Iron	6020A	732436	253	250	101	90-110
Molybdenum	6020A	732436	12.7	12.5	102	90-110
CCV 07/23/21 19:04						
Arsenic	6020A	732436	24.7	25.0	99	90-110
Iron	6020A	732436	246	250	98	90-110
Molybdenum	6020A	732436	12.6	12.5	101	90-110
CCV 07/23/21 19:28						
Arsenic	6020A	732436	25.3	25.0	101	90-110
Iron	6020A	732436	247	250	99	90-110
Molybdenum	6020A	732436	13.1	12.5	105	90-110
CCV 07/23/21 19:47						
Arsenic	6020A	732436	25.9	25.0	104	90-110
Iron	6020A	732436	248	250	99	90-110
Molybdenum	6020A	732436	12.7	12.5	102	90-110
CCV 07/23/21 20:20						
Arsenic	6020A	732436	25.2	25.0	101	90-110
Iron	6020A	732436	260	250	104	90-110
Molybdenum	6020A	732436	12.7	12.5	101	90-110
CCV 07/23/21 20:49						
Arsenic	6020A	732436	26.1	25.0	104	90-110
Iron	6020A	732436	271	250	108	90-110
Molybdenum	6020A	732436	12.6	12.5	101	90-110
CCV 07/23/21 21:17						
Arsenic	6020A	732436	25.0	25.0	100	90-110
Iron	6020A	732436	249	250	99	90-110
Molybdenum	6020A	732436	12.7	12.5	102	90-110

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits
ICV 08/03/21 12:07						
Iron	6020A	733568	51.6	50.0	103	90-110
CCV 08/03/21 12:08						
Iron	6020A	733568	251	250	100	90-110
CCV 08/03/21 12:41						
Iron	6020A	733568	260	250	104	90-110

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR

INITIAL AND CONTINUING CALIBRATION BLANKS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	C
ICB 07/23/21 18:25				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	0.3	U
Molybdenum	6020A	732436	0.03	U
CCB 07/23/21 18:27				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	0.3	U
Molybdenum	6020A	732436	0.03	U
CCB 07/23/21 18:51				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	0.3	U
Molybdenum	6020A	732436	0.03	U
CCB 07/23/21 19:06				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	0.3	J
Molybdenum	6020A	732436	0.03	U
CCB 07/23/21 19:30				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	0.3	U
Molybdenum	6020A	732436	0.05	J
CCB 07/23/21 19:49				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	0.3	U
Molybdenum	6020A	732436	0.03	U
CCB 07/23/21 20:23				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	1.8	J
Molybdenum	6020A	732436	0.03	U
CCB 07/23/21 20:51				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	1.8	J
Molybdenum	6020A	732436	0.03	U
CCB 07/23/21 21:20				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	1.0	J
Molybdenum	6020A	732436	0.03	U

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR

INITIAL AND CONTINUING CALIBRATION BLANKS

Concentration Units: ug/L

Sample ID				
Analyte	**Method**	**Analysis Batch:**	**Result**	**C**
ICB 08/03/21 12:10				
Iron	6020A	733568	0.3	U
CCB 08/03/21 12:11				
Iron	6020A	733568	0.3	U
CCB 08/03/21 12:45				
Iron	6020A	733568	1.1	J

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR

LOW LEVEL INITIAL AND LOW LEVEL CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
LLICV							
Arsenic	6020A	732436	0.45	0.5	90	70-130	07/23/21 18:28
Iron	6020A	732436	2.1	2.0	103	70-130	07/23/21 18:28
Molybdenum	6020A	732436	0.076	0.1	76	70-130	07/23/21 18:28
LLCCV							
Arsenic	6020A	732436	0.48	0.5	96	70-130	07/23/21 18:53
Iron	6020A	732436	2.0	2.0	98	70-130	07/23/21 18:53
Molybdenum	6020A	732436	0.11	0.1	113	70-130	07/23/21 18:53
LLCCV							
Arsenic	6020A	732436	0.51	0.5	101	70-130	07/23/21 19:52
Iron	6020A	732436	2.2	2.0	109	70-130	07/23/21 19:52
Molybdenum	6020A	732436	0.11	0.1	107	70-130	07/23/21 19:52
LLCCV							
Arsenic	6020A	732436	0.53	0.5	107	70-130	07/23/21 21:22
Iron	6020A	732436	2.4	2.0	118	70-130	07/23/21 21:22
Molybdenum	6020A	732436	0.10	0.1	104	70-130	07/23/21 21:22
LLICV							
Iron	6020A	733568	2.1	2.0	105	70-130	08/03/21 12:12
LLCCV							
Iron	6020A	733568	2.6	2.0	129	70-130	08/03/21 12:49

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSA **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Arsenic	6020A	732436	0.17	-	-	-	07/23/21 18:30
Iron	6020A	732436	46500	-	-	-	07/23/21 18:30
Molybdenum	6020A	732436	52.6	-	-	-	07/23/21 18:30

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSAB **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Arsenic	6020A	732436	24.1	25.0	97	80-120	07/23/21 18:31
Iron	6020A	732436	47600	-	-	-	07/23/21 18:31
Molybdenum	6020A	732436	51.9	-	-	-	07/23/21 18:31

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSA **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Iron	6020A	733568	47500	-	-	-	08/03/21 12:13

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSAB **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Iron	6020A	733568	47000	-	-	-	08/03/21 12:15

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR

POST SPIKE SAMPLE RECOVERY

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Post Spike Result	True Value	% Rec	% Rec. Limits	Analysis Date
K2107118-001A								
Arsenic	6020A	732436	261	301	50.0	80 #	80-120	07/23/21 20:08
Iron	6020A	732436	517	557	50.0	81 #	80-120	07/23/21 20:08
Molybdenum	6020A	732436	100	146	50.0	92	80-120	07/23/21 20:08

Results flagged with a pound (#) indicate the control criteria is not applicable.

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR

ICP SERIAL DILUTIONS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Serial Dillution Result	% Diff	% Diff. Limit	Analysis Date
K2107118-001SDL							
Arsenic	6020A	732436	261	263	1	10	07/23/21 20:06
Iron	6020A	732436	517	525	2	10	07/23/21 20:06
Molybdenum	6020A	732436	100	96.7	4	10	07/23/21 20:06

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR/

Detection Limits

Instrument: K-ICP-MS-06 **Matrix:** Water

Analyte	Mass	Units	MRL	MDL	Method
Arsenic	75	ug/L	0.5	0.09	6020A
Iron	56	ug/L	2	0.3	6020A
Molybdenum	95	ug/L	0.1	0.03	6020A

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR/

ICP Linear Range (Quarterly)

Instrument: K-ICP-MS-06

Analyte	Concentration (ug/L)	Method
Arsenic 75	4500	6020A
Iron 56	45000	6020A
Molybdenum 95	4500	6020A

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
ZZZZZZ	1	07/23/21 18:20			
ZZZZZZ	1	07/23/21 18:21			
ICV	1	07/23/21 18:23	X	X	X
CCV	1	07/23/21 18:24	X	X	X
ICB	1	07/23/21 18:25	X	X	X
CCB	1	07/23/21 18:27	X	X	X
LLICVW	1	07/23/21 18:28	X	X	X
ICSA	1	07/23/21 18:30	X	X	X
ICSAB	1	07/23/21 18:31	X	X	X
ZZZZZZ	1	07/23/21 18:32			
ZZZZZZ	10	07/23/21 18:34			
ZZZZZZ	10	07/23/21 18:35			
ZZZZZZ	10	07/23/21 18:37			
ZZZZZZ	10	07/23/21 18:38			
ZZZZZZ	10	07/23/21 18:39			
ZZZZZZ	10	07/23/21 18:41			
ZZZZZZ	10	07/23/21 18:42			
ZZZZZZ	10	07/23/21 18:43			
ZZZZZZ	10	07/23/21 18:45			
ZZZZZZ	10	07/23/21 18:46			
CCV	1	07/23/21 18:48	X	X	X
ZZZZZZ	1	07/23/21 18:49			
CCB	1	07/23/21 18:51	X	X	X
LLCCVW	1	07/23/21 18:53	X	X	X
ZZZZZZ	1	07/23/21 18:55			
ZZZZZZ	10	07/23/21 18:56			
ZZZZZZ	10	07/23/21 18:58			
ZZZZZZ	10	07/23/21 19:00			
ZZZZZZ	10	07/23/21 19:02			
CCV	1	07/23/21 19:04	X	X	X
CCB	1	07/23/21 19:06	X	X	X
ZZZZZZ	1	07/23/21 19:08			
ZZZZZZ	1	07/23/21 19:10			
ZZZZZZ	1	07/23/21 19:11			
ZZZZZZ	1	07/23/21 19:13			
ZZZZZZ	5	07/23/21 19:15			
ZZZZZZ	1	07/23/21 19:17			

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
ZZZZZZ	1	07/23/21 19:19			
ZZZZZZ	1	07/23/21 19:21			
ZZZZZZ	1	07/23/21 19:23			
ZZZZZZ	1	07/23/21 19:26			
CCV	1	07/23/21 19:28	X	X	X
CCB	1	07/23/21 19:30	X	X	X
ZZZZZZ	1	07/23/21 19:33			
ZZZZZZ	1	07/23/21 19:35			
ZZZZZZ	1	07/23/21 19:37			
ZZZZZZ	1	07/23/21 19:40			
ZZZZZZ	10	07/23/21 19:42			
ZZZZZZ	10	07/23/21 19:45			
CCV	1	07/23/21 19:47	X	X	X
CCB	1	07/23/21 19:49	X	X	X
LLCCVW	1	07/23/21 19:52	X	X	X
ZZZZZZ	1	07/23/21 19:54			
KQ2111456-01MB	1	07/23/21 19:57	X	X	X
KQ2111456-02LCS	1	07/23/21 19:59	X	X	X
K2107118-001	1	07/23/21 20:01	X	X	X
K2107118-001DUP	1	07/23/21 20:04	X	X	X
K2107118-001SDL	5	07/23/21 20:06	X	X	X
K2107118-001PS	1	07/23/21 20:08	X	X	X
K2107118-001MS	1	07/23/21 20:11	X	X	X
K2107118-002	1	07/23/21 20:13	X	X	X
K2107118-003	1	07/23/21 20:15	X	X	X
K2107118-004	1	07/23/21 20:18	X		X
CCV	1	07/23/21 20:20	X	X	X
CCB	1	07/23/21 20:23	X	X	X
K2107118-005	1	07/23/21 20:25	X	X	X
K2107118-006	1	07/23/21 20:27	X		X
K2107118-007	1	07/23/21 20:30	X	X	X
K2107118-008	1	07/23/21 20:32	X	X	X
K2107118-009	1	07/23/21 20:34	X	X	X
K2107118-010	1	07/23/21 20:37	X	X	X
K2107118-001	1	07/23/21 20:39	X	X	X
K2107118-002	1	07/23/21 20:42	X	X	X
K2107118-003	1	07/23/21 20:44	X	X	X

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
K2107118-004	1	07/23/21 20:46	X		X
CCV	1	07/23/21 20:49	X	X	X
CCB	1	07/23/21 20:51	X	X	X
K2107118-005	1	07/23/21 20:53	X	X	X
K2107118-006	1	07/23/21 20:56	X		X
K2107118-007	1	07/23/21 20:58	X	X	X
K2107118-008	1	07/23/21 21:01	X	X	X
K2107118-009	1	07/23/21 21:03	X	X	X
K2107118-010.R01	1	07/23/21 21:05	X		X
K2107118-004	10	07/23/21 21:08		X	
K2107118-006	10	07/23/21 21:10		X	
K2107118-004	10	07/23/21 21:12		X	
K2107118-006	10	07/23/21 21:15		X	
CCV	1	07/23/21 21:17	X	X	X
CCB	1	07/23/21 21:20	X	X	X
LLCCVW	1	07/23/21 21:22	X	X	X
ZZZZZZ	1	07/23/21 21:24			
ZZZZZZ	1	07/23/21 21:27			
ZZZZZZ	1	07/23/21 21:29			
ZZZZZZ	1	07/23/21 21:31			
ZZZZZZ	1	07/23/21 21:34			
ZZZZZZ	5	07/23/21 21:36			
ZZZZZZ	1	07/23/21 21:39			
ZZZZZZ	1	07/23/21 21:41			
ZZZZZZ	1	07/23/21 21:43			
ZZZZZZ	1	07/23/21 21:46			
ZZZZZZ	1	07/23/21 21:48			
ZZZZZZ	1	07/23/21 21:50			
ZZZZZZ	1	07/23/21 21:53			
ZZZZZZ	1	07/23/21 21:55			
ZZZZZZ	1	07/23/21 21:58			
ZZZZZZ	1	07/23/21 22:00			
ZZZZZZ	1	07/23/21 22:02			
ZZZZZZ	1	07/23/21 22:05			
ZZZZZZ	1	07/23/21 22:07			
ZZZZZZ	1	07/23/21 22:09			
ZZZZZZ	1	07/23/21 22:12			

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
ZZZZZZ	1	07/23/21 22:14			
ZZZZZZ	1	07/23/21 22:17			
ZZZZZZ	1	07/23/21 22:19			
ZZZZZZ	1	07/23/21 22:21			
ZZZZZZ	1	07/23/21 22:24			
ZZZZZZ	1	07/23/21 22:26			
ZZZZZZ	1	07/23/21 22:29			
ZZZZZZ	1	07/23/21 22:31			
ZZZZZZ	1	07/23/21 22:33			
ZZZZZZ	1	07/23/21 22:36			
ZZZZZZ	1	07/23/21 22:38			
ZZZZZZ	1	07/23/21 22:40			
ZZZZZZ	1	07/23/21 22:43			
ZZZZZZ	1	07/23/21 22:45			
ZZZZZZ	1	07/23/21 22:48			
ZZZZZZ	1	07/23/21 22:50			
ZZZZZZ	1	07/23/21 22:52			
ZZZZZZ	1	07/23/21 22:55			

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **733568**

Sample	Dilution Factor	Date/Time	Fe
ZZZZZZ	1	08/03/21 12:04	
ZZZZZZ	1	08/03/21 12:06	
ICV	1	08/03/21 12:07	X
CCV	1	08/03/21 12:08	X
ICB	1	08/03/21 12:10	X
CCB	1	08/03/21 12:11	X
LLICVW	1	08/03/21 12:12	X
ICSA	1	08/03/21 12:13	X
ICSAB	1	08/03/21 12:15	X
ZZZZZZ	1	08/03/21 12:16	
ZZZZZZ	10	08/03/21 12:27	
ZZZZZZ	10	08/03/21 12:28	
ZZZZZZ	10	08/03/21 12:29	
ZZZZZZ	10	08/03/21 12:30	
ZZZZZZ	10	08/03/21 12:32	
ZZZZZZ	10	08/03/21 12:33	
ZZZZZZ	10	08/03/21 12:34	
ZZZZZZ	10	08/03/21 12:35	
ZZZZZZ	10	08/03/21 12:37	
K2107118-010	10	08/03/21 12:40	X
CCV	1	08/03/21 12:41	X
ZZZZZZ	1	08/03/21 12:42	
CCB	1	08/03/21 12:45	X
ZZZZZZ	1	08/03/21 12:47	
LLCCVW	1	08/03/21 12:49	X

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Date/Time	Ge72He	In115He
ZZZZZZ	07/23/21 18:20		
ZZZZZZ	07/23/21 18:21		
ICV	07/23/21 18:23	102	100
CCV	07/23/21 18:24	98	99
ICB	07/23/21 18:25	101	100
CCB	07/23/21 18:27	98	100
LLICVW	07/23/21 18:28	99	100
ICSA	07/23/21 18:30	95	93
ICSAB	07/23/21 18:31	91	94
ZZZZZZ	07/23/21 18:32		
ZZZZZZ	07/23/21 18:34		
ZZZZZZ	07/23/21 18:35		
ZZZZZZ	07/23/21 18:37		
ZZZZZZ	07/23/21 18:38		
ZZZZZZ	07/23/21 18:39		
ZZZZZZ	07/23/21 18:41		
ZZZZZZ	07/23/21 18:42		
ZZZZZZ	07/23/21 18:43		
ZZZZZZ	07/23/21 18:45		
ZZZZZZ	07/23/21 18:46		
CCV	07/23/21 18:48	98	100
ZZZZZZ	07/23/21 18:49		
CCB	07/23/21 18:51	99	100
LLCCVW	07/23/21 18:53	102	100
ZZZZZZ	07/23/21 18:55		
ZZZZZZ	07/23/21 18:56		
ZZZZZZ	07/23/21 18:58		
ZZZZZZ	07/23/21 19:00		
ZZZZZZ	07/23/21 19:02		
CCV	07/23/21 19:04	102	100
CCB	07/23/21 19:06	98	99
ZZZZZZ	07/23/21 19:08		
ZZZZZZ	07/23/21 19:10		
ZZZZZZ	07/23/21 19:11		
ZZZZZZ	07/23/21 19:13		
ZZZZZZ	07/23/21 19:15		
ZZZZZZ	07/23/21 19:17		

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Date/Time	Ge72He	In115He
ZZZZZZ	07/23/21 19:19		
ZZZZZZ	07/23/21 19:21		
ZZZZZZ	07/23/21 19:23		
ZZZZZZ	07/23/21 19:26		
CCV	07/23/21 19:28	102	102
CCB	07/23/21 19:30	99	99
ZZZZZZ	07/23/21 19:33		
ZZZZZZ	07/23/21 19:35		
ZZZZZZ	07/23/21 19:37		
ZZZZZZ	07/23/21 19:40		
ZZZZZZ	07/23/21 19:42		
ZZZZZZ	07/23/21 19:45		
CCV	07/23/21 19:47	97	99
CCB	07/23/21 19:49	96	99
LLCCVW	07/23/21 19:52	98	100
ZZZZZZ	07/23/21 19:54		
KQ2111456-01MB	07/23/21 19:57	95	98
KQ2111456-02LCS	07/23/21 19:59	96	99
K2107118-001	07/23/21 20:01	95	96
K2107118-001DUP	07/23/21 20:04	95	97
K2107118-001SDL	07/23/21 20:06	96	99
K2107118-001PS	07/23/21 20:08	96	96
K2107118-001MS	07/23/21 20:11	95	95
K2107118-002	07/23/21 20:13	93	92
K2107118-003	07/23/21 20:15	93	96
K2107118-004	07/23/21 20:18	88	90
CCV	07/23/21 20:20	91	94
CCB	07/23/21 20:23	93	95
K2107118-005	07/23/21 20:25	90	91
K2107118-006	07/23/21 20:27	87	88
K2107118-007	07/23/21 20:30	93	96
K2107118-008	07/23/21 20:32	92	92
K2107118-009	07/23/21 20:34	94	96
K2107118-010	07/23/21 20:37	91	92
K2107118-001	07/23/21 20:39	94	95
K2107118-002	07/23/21 20:42	90	91
K2107118-003	07/23/21 20:44	92	93

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Date/Time	Ge72He	In115He
K2107118-004	07/23/21 20:46	87	91
CCV	07/23/21 20:49	90	95
CCB	07/23/21 20:51	93	95
K2107118-005	07/23/21 20:53	87	89
K2107118-006	07/23/21 20:56	84	88
K2107118-007	07/23/21 20:58	94	95
K2107118-008	07/23/21 21:01	92	91
K2107118-009	07/23/21 21:03	93	94
K2107118-010.R01	07/23/21 21:05	89	90
K2107118-004	07/23/21 21:08	93	95
K2107118-006	07/23/21 21:10	92	95
K2107118-004	07/23/21 21:12	93	95
K2107118-006	07/23/21 21:15	91	93
CCV	07/23/21 21:17	94	97
CCB	07/23/21 21:20	95	97
LLCCVW	07/23/21 21:22	92	96
ZZZZZZ	07/23/21 21:24		
ZZZZZZ	07/23/21 21:27		
ZZZZZZ	07/23/21 21:29		
ZZZZZZ	07/23/21 21:31		
ZZZZZZ	07/23/21 21:34		
ZZZZZZ	07/23/21 21:36		
ZZZZZZ	07/23/21 21:39		
ZZZZZZ	07/23/21 21:41		
ZZZZZZ	07/23/21 21:43		
ZZZZZZ	07/23/21 21:46		
ZZZZZZ	07/23/21 21:48		
ZZZZZZ	07/23/21 21:50		
ZZZZZZ	07/23/21 21:53		
ZZZZZZ	07/23/21 21:55		
ZZZZZZ	07/23/21 21:58		
ZZZZZZ	07/23/21 22:00		
ZZZZZZ	07/23/21 22:02		
ZZZZZZ	07/23/21 22:05		
ZZZZZZ	07/23/21 22:07		
ZZZZZZ	07/23/21 22:09		
ZZZZZZ	07/23/21 22:12		

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Date/Time	Ge72He	In115He
ZZZZZZ	07/23/21 22:14		
ZZZZZZ	07/23/21 22:17		
ZZZZZZ	07/23/21 22:19		
ZZZZZZ	07/23/21 22:21		
ZZZZZZ	07/23/21 22:24		
ZZZZZZ	07/23/21 22:26		
ZZZZZZ	07/23/21 22:29		
ZZZZZZ	07/23/21 22:31		
ZZZZZZ	07/23/21 22:33		
ZZZZZZ	07/23/21 22:36		
ZZZZZZ	07/23/21 22:38		
ZZZZZZ	07/23/21 22:40		
ZZZZZZ	07/23/21 22:43		
ZZZZZZ	07/23/21 22:45		
ZZZZZZ	07/23/21 22:48		
ZZZZZZ	07/23/21 22:50		
ZZZZZZ	07/23/21 22:52		
ZZZZZZ	07/23/21 22:55		

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **733568**

Sample	Date/Time	Ge72He
ZZZZZZ	08/03/21 12:04	
ZZZZZZ	08/03/21 12:06	
ICV	08/03/21 12:07	97
CCV	08/03/21 12:08	99
ICB	08/03/21 12:10	97
CCB	08/03/21 12:11	100
LLICVW	08/03/21 12:12	100
ICSA	08/03/21 12:13	94
ICSAB	08/03/21 12:15	91
ZZZZZZ	08/03/21 12:16	
ZZZZZZ	08/03/21 12:27	
ZZZZZZ	08/03/21 12:28	
ZZZZZZ	08/03/21 12:29	
ZZZZZZ	08/03/21 12:30	
ZZZZZZ	08/03/21 12:32	
ZZZZZZ	08/03/21 12:33	
ZZZZZZ	08/03/21 12:34	
ZZZZZZ	08/03/21 12:35	
ZZZZZZ	08/03/21 12:37	
K2107118-010	08/03/21 12:40	86
CCV	08/03/21 12:41	91
ZZZZZZ	08/03/21 12:42	
CCB	08/03/21 12:45	94
ZZZZZZ	08/03/21 12:47	
LLCCVW	08/03/21 12:49	95

Raw Data

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

General Chemistry

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
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	Yes	No	N/A
Chromatograms			
1. Holding times met for all samples analyzed?			
2. Are all chromatograms legible?			
3. Were peaks manually integrated?	..	.	..
a. Does DOC QC/APP apply?	..		..
4. Are detection limits reported correctly?			
5. Are all peaks properly identified?	..		
a. Method Blanks, CCVs, CCBs, LCSs, Dups and Spikes analyzed at the proper frequency?			
b. Are CCVs and CCBs within acceptance limits?	.		..
c. Are results in Method Blanks < 5RL?	.		
d. Are LCS recoveries within acceptance criteria?			
i. CSV for MSV, for Dup, check RPD criteria		.	
e. Are [illegible] correct?	.		.
6. Are all samples available for review?	.		.

DAS Standard Certification Procedure Acceptable Holding Times for Chromatograms

Q1 Sample analysis performed within the acceptable holding time. See holding time [illegible]
Q2 Sample analysis performed beyond the holding time. The analysis was performed within the recommended holding time
Q4 Sample analysis performed beyond the recommended holding time
R1 High RPD is because the original sample was a single analyte [illegible] the matrix spiking [illegible]
1 [illegible] Detection Limit [illegible] the sample required [illegible]
6 Sample analysis performed [illegible]

LCS			
Fluoride	True Value-1.0ppm	[illegible]	
Chloride	True Value-5.0ppm	[illegible]	
Nitrite	True Value-2.0ppm	[illegible]	
Bromide	True Value-1.0ppm	[illegible]	
Nitrate	True Value-2.0ppm	[illegible]	
Sulfate	True Value-5.0ppm	[illegible]	

CCV			
Fluoride	True Value-1.0ppm	[illegible]	
Chloride	True Value-5.0ppm	[illegible]	
Nitrite	True Value-2.0ppm	[illegible]	
Bromide	True Value-1.0ppm	[illegible]	
Nitrate	True Value-2.0ppm	[illegible]	
Sulfate	True Value-5.0ppm	[illegible]	

Blank			
DI ppm	[illegible]	[illegible]	
Fluoride	[illegible]		
Chloride	[illegible]		
Nitrite	[illegible]		
Bromide	[illegible]		
Nitrate	[illegible]		
Sulfate	[illegible]		

Reviewed	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Analyst [illegible] Date [illegible]

Peer Review [illegible] Date [illegible]

Final Review [illegible] Date [illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Reviewed: [illegible]

Lab Sample	Target Analyte	SS	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	RDL	Qualifier	Is RSD	Date Analyzed	QC?	Lot
[illegible]	[illegible]	N/A		Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Template: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DS	MDL	RDL	% Rec	% RSD	Date Analyzed	QC?	Inc
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analytical Lot: [illegible] Method Reference: [illegible]

Lab Code	Target Analyte	Qty	Parent Sample	Matrix	Raw Result	Standard Amt	Final Result	RL	MDL	Dilution	% Recovery	% RPD	Date Analyzed	QC?	Inc
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]

File
Definition [illegible]
Location [illegible]
Temperature [illegible] Created [illegible]
Repetitions 45 Last Updated [illegible]

No.	Name	Type	Rep.	Inj. Vol.	Program	Method	Status	Inj. Date/Time
1	[illegible]	Standard	1	25.0	epa300	epa300	Finished	[illegible]
2	[illegible]	Standard	2	25.0	epa300	epa300	Finished	[illegible]
3	[illegible]	Standard	3	25.0	epa300	epa300	Finished	[illegible]
4	[illegible]	Standard	4	25.0	epa300	epa300	Finished	[illegible]
5	[illegible]	Standard	5	25.0	epa300	epa300	Finished	[illegible]
6	[illegible]	Standard	6	25.0	epa300	epa300	Finished	[illegible]
7	[illegible]	Standard	7	25.0	epa300	epa300	Finished	[illegible]
8	[illegible]	Standard	8	25.0	epa300	epa300	Finished	[illegible]
9	[illegible]	Unknown	46	25.0	epa300	epa300	Finished	[illegible]
10	[illegible]	Unknown	47	25.0	epa300	epa300	Finished	[illegible]
11	[illegible]	Unknown	2	25.0	epa300	epa300	Finished	[illegible]
12	[illegible]	Unknown	1	25.0	epa300	epa300	Finished	[illegible]
13	[illegible]	Unknown	3	25.0	epa300	epa300	Finished	[illegible]
14	[illegible]	Unknown	4	25.0	epa300	epa300	Finished	[illegible]
15	[illegible]	Unknown	5	25.0	epa300	epa300	Finished	[illegible]
16	[illegible]	Unknown	6	25.0	epa300	epa300	Finished	[illegible]
17	[illegible]	Unknown	7	25.0	epa300	epa300	Finished	[illegible]
18	[illegible]	Unknown	8	25.0	epa300	epa300	Finished	[illegible]
19	[illegible]	Unknown	45	25.0	epa300	epa300	Finished	[illegible]
20	[illegible]	Unknown	43	25.0	epa300	epa300	Finished	[illegible]
21	[illegible]	Unknown	9	25.0	epa300	epa300	Finished	[illegible]
22	[illegible]	Unknown	10	25.0	epa300	epa300	Finished	[illegible]
23	[illegible]	Unknown	11	25.0	epa300	epa300	Finished	[illegible]
24	[illegible]	Unknown	12	25.0	epa300	epa300	Finished	[illegible]
25	[illegible]	Unknown	13	25.0	epa300	epa300	Finished	[illegible]
26	[illegible]	Unknown	14	25.0	epa300	epa300	Finished	[illegible]
27	[illegible]	Unknown	15	25.0	epa300	epa300	Finished	[illegible]
28	[illegible]	Unknown	16	25.0	epa300	epa300	Finished	[illegible]
29	[illegible]	Unknown	17	25.0	epa300	epa300	Finished	[illegible]
30	[illegible]	Unknown	18	25.0	epa300	epa300	Finished	[illegible]
31	[illegible]	Unknown	19	25.0	epa300	epa300	Finished	[illegible]
32	[illegible]	Unknown	46	25.0	epa300	epa300	Finished	[illegible]
33	[illegible]	Unknown	47	25.0	epa300	epa300	Finished	[illegible]
34	[illegible]	Unknown	19	25.0	epa300	epa300	Finished	[illegible]
35	[illegible]	Unknown	20	25.0	epa300	epa300	Finished	[illegible]
36	[illegible]	Unknown	21	25.0	epa300	epa300	Finished	[illegible]
37	[illegible]	Unknown	22	25.0	epa300	epa300	Finished	[illegible]
38	[illegible]	Unknown	23	25.0	epa300	epa300	Finished	[illegible]
39	[illegible]	Unknown	24	25.0	epa300	epa300	Finished	[illegible]
40	[illegible]	Unknown	25	25.0	epa300	epa300	Finished	[illegible]
41	[illegible]	Unknown	26	25.0	epa300	epa300	Finished	[illegible]
42	[illegible]	Unknown	27	25.0	epa300	epa300	Finished	[illegible]

Title
Description [illegible]
Location [illegible]
Timebase [illegible]
Version [illegible]
Created [illegible]
Last Update [illegible]

No	Name	ID	Factor	Comment
1	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	
10	[illegible]	[illegible]	[illegible]	
11	[illegible]	[illegible]	[illegible]	
12	[illegible]	[illegible]	[illegible]	
13	[illegible]	[illegible]	[illegible]	
14	[illegible]	[illegible]	[illegible]	
15	[illegible]	[illegible]	[illegible]	
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27	[illegible]	[illegible]	[illegible]	
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29	[illegible]	[illegible]	[illegible]	
30	[illegible]	[illegible]	[illegible]	
31	[illegible]	[illegible]	[illegible]	
32	[illegible]	[illegible]	[illegible]	
33	[illegible]	[illegible]	[illegible]	
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37	[illegible]	[illegible]	[illegible]	
38	[illegible]	[illegible]	[illegible]	
39	[illegible]	[illegible]	[illegible]	
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42	[illegible]	[illegible]	[illegible]	

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Log
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Timeframe Civil
Stamps 41

Created [illegible]
Last Update [illegible]

No.	Name	Type	Ver.	Size	Program	Manager	Status	Date/Time
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44	[illegible]	[illegible]	4C	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
45	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

File
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Filename [illegible] Last Updated [illegible]

No	Name	[illegible]	Comment
43	[illegible]	[illegible]	
44	[illegible]	[illegible]	
45	[illegible]	[illegible]	

[illegible]

Sample Number	Description	Date	Lot ID	Bag ID	Storage	Open
K2107636-001			2X			✓
K2107639-001						✓
K2107640-001	QC 4X					✓
K2107119-001			20X		X	C1 2X
-002					X	S04 200X
-003					X	C1 2X
-004					X	C1 2X S04 100
-005					X	S04 200
-006					X	S04 400X
-007					X	C1 2X

Sample Number	Client Sample No	Matrix	Lab Dil	Dup Dil	Reference	Date
K210711R - 008						X
-009						X
-010						X
	QC4X		2X			
			2X			
			2X			
				2X		
			2X			
			2X			

ALS ENVIRONMENTAL, INC

Ion Chromatography Calibration Data

Sequence: [illegible]

Date: [illegible]

Analyte	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Corr.Coeff	Slope	Residuals
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9972	0.2511	
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9302	0.1731	
NO2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9674	0.3559	
Br	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.99	0.0709	
NO3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9791	0.4207	
SO4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9937	0.1232	
									99.9679	0.1744	

[illegible]

No.	Peak Name	Cal.Type	#Points	Rel.Std.Dev %	Corr.Coeff. %	Offset	Slope	Curve
1	Fluoride	Lin	8	0.6149	99.9972	0	0.2511	0
2	Chloride	Lin	8	3.1385	99.9302	0	0.1731	0
3	Nitrite	Lin	8	2.1363	99.9674	0	0.3559	0
4	Bromide	Lin	8	1.1773	99.99	0	0.0709	0
5	Nitrate	Lin	8	3.1584	99.9791	0	0.4207	0
6	Sulfate	Lin	8	0.9213	99.9937	0	0.1232	0
Average:			8	1.8575	99.9679	0	0.1744	0

[illegible]

	[illegible]		[illegible]		[illegible]
[illegible]	Nitrogen	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

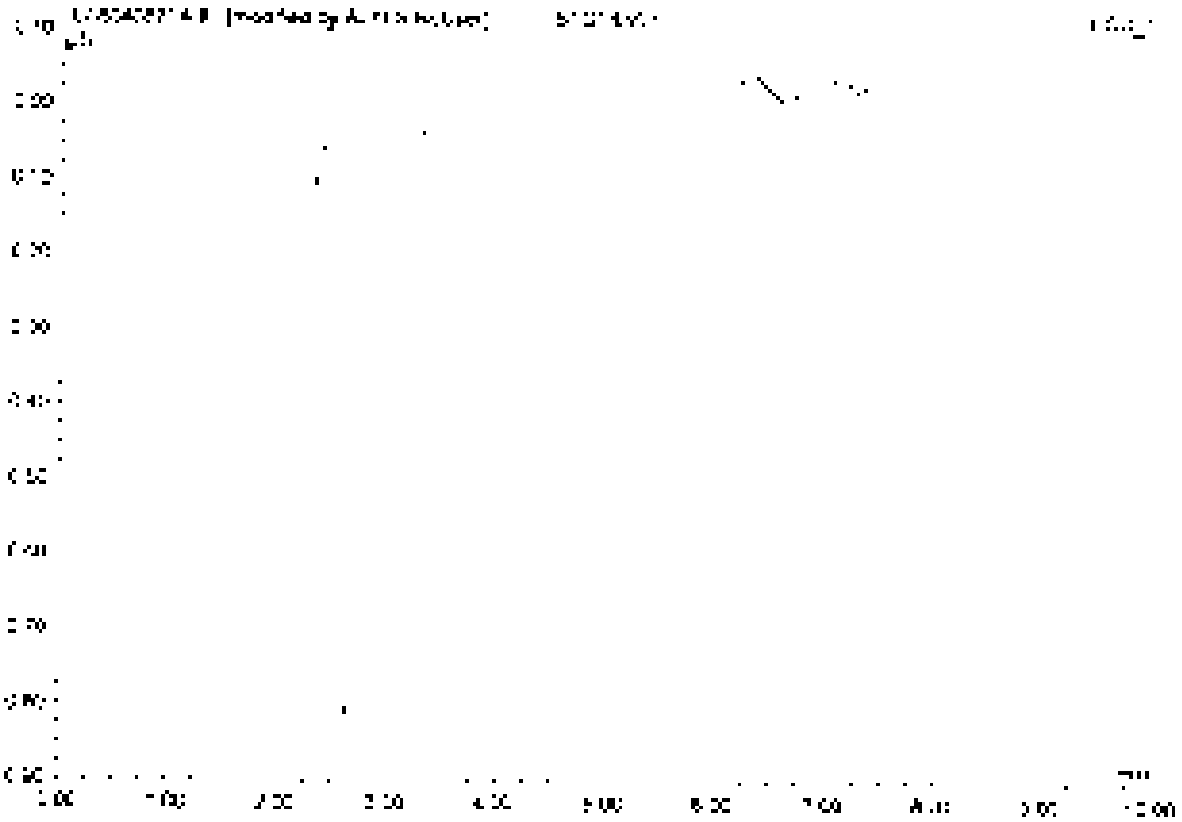
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	STD2	STD3	STD4	STD5	STD6	STD7	STD8	STD9
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Br	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SO4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

21 GEN-02-10 M N 21-GEN-02-12A B O D E F G

1 STD1/LVL1

DI

Sample Name	STD1/LVL1	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	4/8/2021 13:04	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

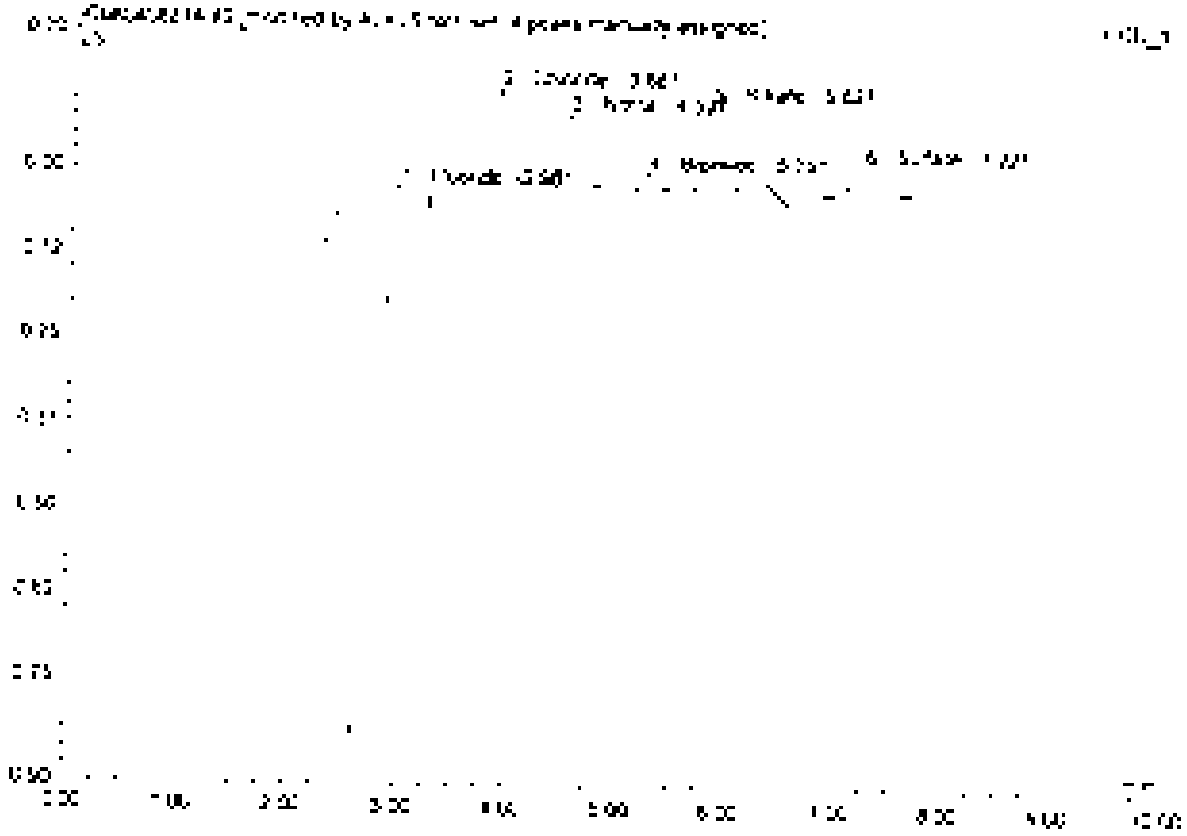


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

2 STD2/LVL2

21-GEN-02-17A

Sample Name	STD2/LVL2	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Source Method	epa300	Dilution Factor	1.0000
Acquisition Time	4/8/2021 13:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

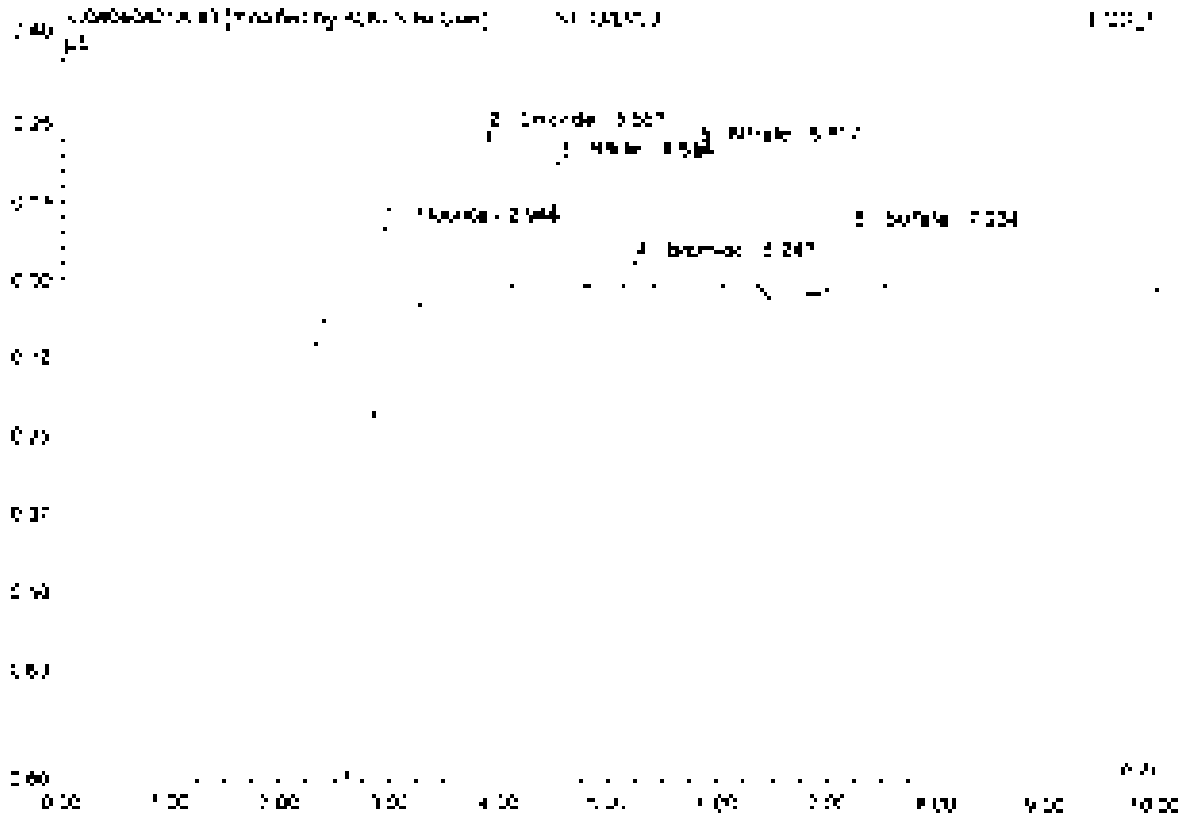


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.36	Fluoride	0.132	0.027	27.45	0.157	BMB**
2	3.65	Chloride	0.129	0.017	17.49	0.095	BMB*
3	4.54	Nitrite	0.104	0.016	16.14	0.044	BMB*
4	5.25	Bromide	0.024	0.004	3.61	0.050	BMB**
5	6.82	Nitrate	0.125	0.021	21.27	0.049	BMB**
6	7.22	Sulfate	0.045	0.014	14.18	0.112	BMB**
Total:			0.570	0.098	100.00	0.466	

3 STD3/LVL3

21-GEN-02-17B

Sample Name	STD3/LVL3	Injection Volume	25.0
Vial Number	3	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Operator Method	apa300	Dilution Factor	1.0000
Processing Time	4/8/2021 13:27	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

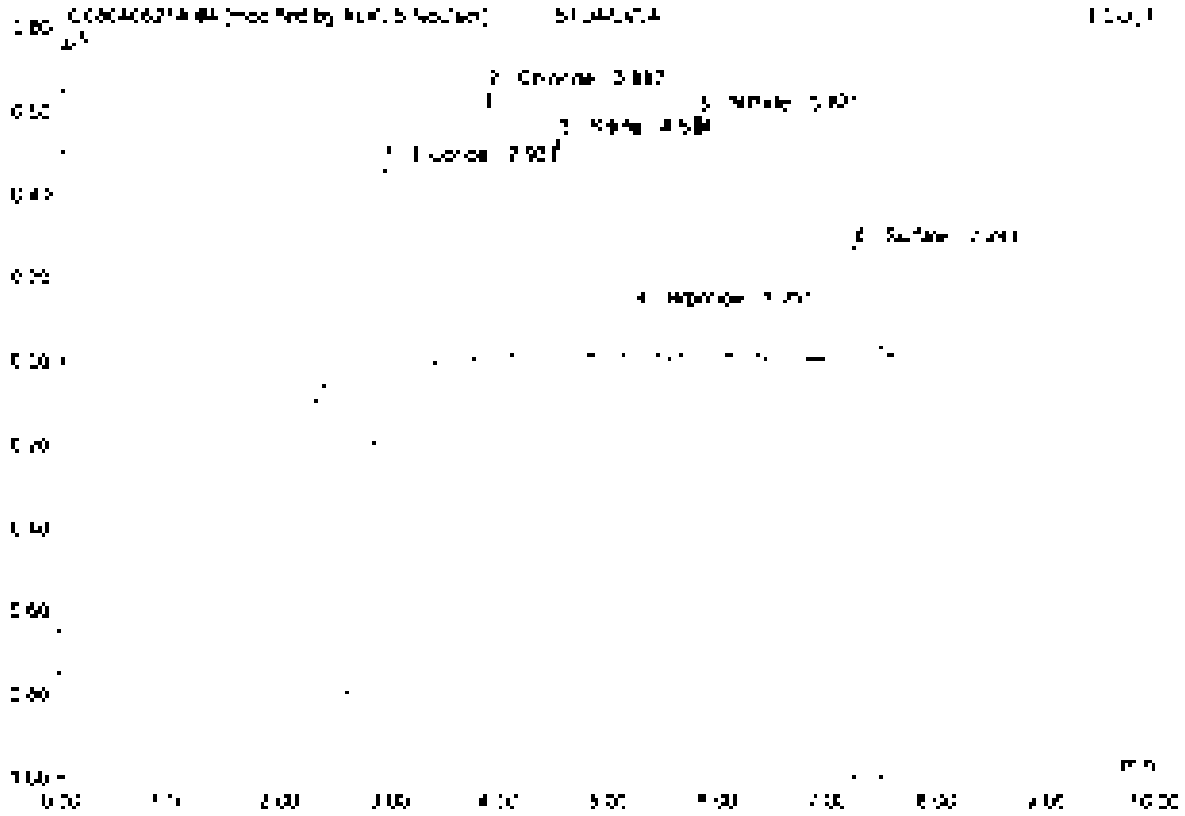


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	0.271	0.052	28.05	0.206	BV R*
2	3.69	Chloride	0.258	0.031	17.10	0.182	BV B*
3	4.53	Nitrite	0.204	0.031	16.98	0.088	BV B*
4	5.25	Bromide	0.344	0.007	3.57	0.093	BM B
5	5.82	Nitrate	0.231	0.038	20.65	0.090	BM B*
6	7.72	Sulfate	0.396	0.025	13.66	0.203	BM R*
Total:			1.707	0.184	100.00	0.862	

4 STD4/LVL4

21-GEN-02-17C

Sample Name:	STD4/LVL4	Injection Volume:	25.0
Vial Number:	4	Channel:	ECD_1
Sample Type:	standard	Wavelength:	n.a.
Control Program:	wpa300	Bandwidth:	n.a.
Quant Method:	wpa300	Dilution Factor:	1.0000
Recording Time:	4/8/2021 13:39	Sample Weight:	1.0000
Run Time (min):	10.00	Sample Amount:	1.0000

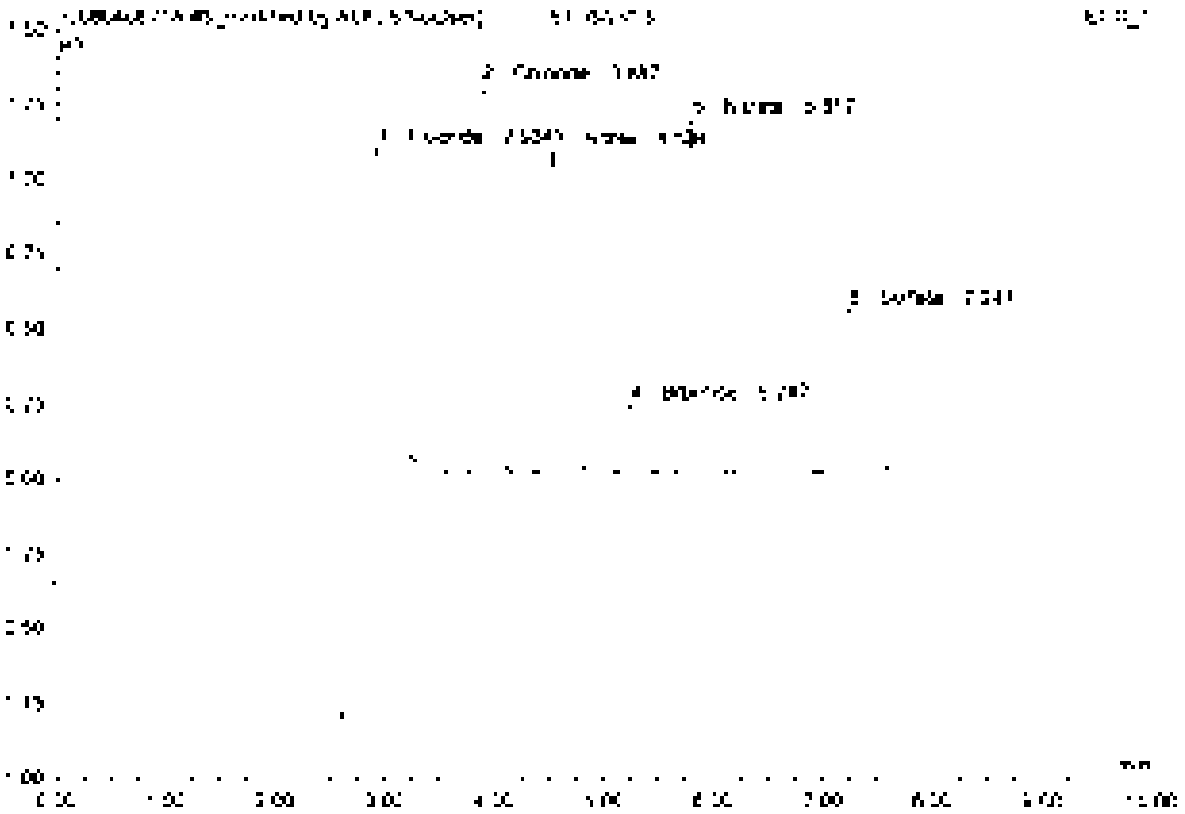


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	0.642	0.127	27.45	0.507	BM3*
2	3.69	Chloride	0.548	0.079	15.94	0.454	BV3*
3	4.53	Nitrite	0.528	0.083	17.82	0.233	UM3*
4	5.25	Bromide	0.115	0.017	3.75	0.048	BM3
5	5.82	Nitrate	0.585	0.097	20.84	0.230	BV3*
6	7.24	Sulfate	0.254	0.061	13.15	0.457	BM3
Total:			2.784	0.464	100.00	2.787	

5 STD5/LVL5

21-GEN-02-17D

Sample Name	STD5/LVL5	Injection Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 12:30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

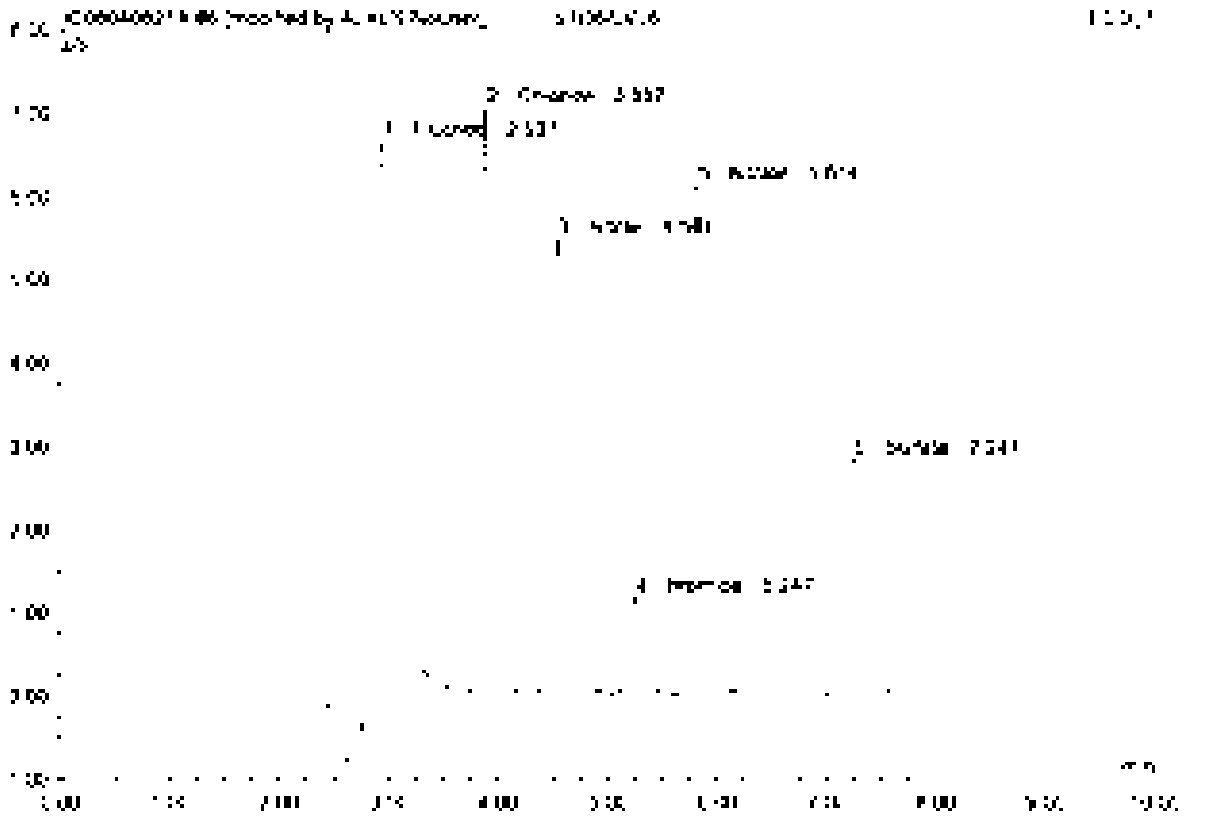


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.50	Fluoride	1.288	0.256	27.38	1.018	BMB*
2	3.60	Chloride	1.243	0.157	16.85	0.609	BMB*
3	4.53	Nitrite	1.074	0.167	17.99	0.466	BMB*
4	5.25	Bromide	0.222	0.035	3.74	0.092	BVB
5	5.82	Nitrate	1.783	0.196	20.95	0.485	BMB*
6	7.24	Sulfate	0.542	0.123	13.16	0.557	BMB*
Total:			5.614	0.933	100.00	4.250	

6 STD6/LVL6

21-GEN-02-17E

Sample Name	STD6/LVL6	Injection Volume	25.0
Vial Number	6	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantif. Method	wpa300	Dilution Factor	1.0000
Recording Time	4/8/2021 14:02	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.54	Fluoride	6.588	1.202	25.47	5.027	BMB*
2	3.89	Chloride	7.028	0.841	17.80	4.839	BMB*
3	4.56	Nitrite	5.482	0.871	18.23	2.449	BMB*
4	5.25	Bromide	[illegible]	0.175	3.67	2.476	BMB
5	5.81	Nitrate	6.130	1.015	21.23	2.412	BV3*
6	7.25	Sulfate	2.892	0.614	12.85	4.584	BV3*
Total:			29.606	4.778	100.00	22.207	

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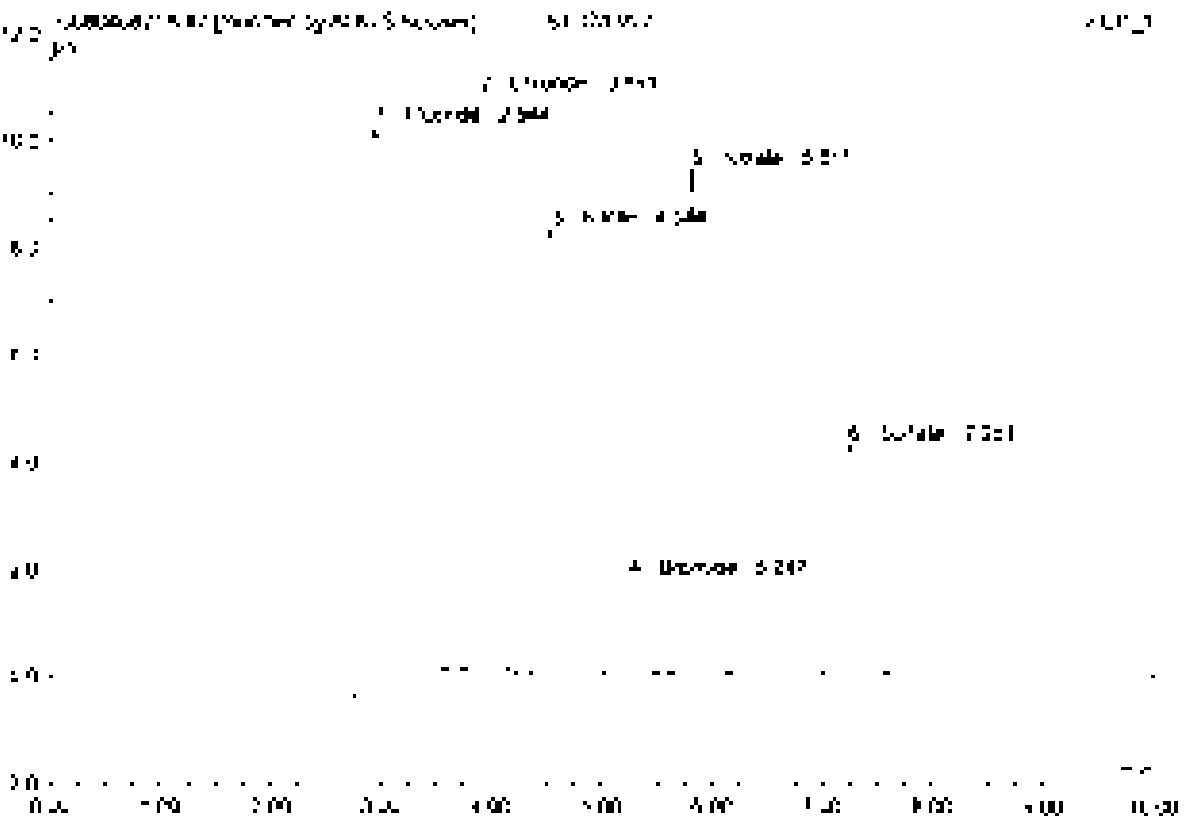
Version 6.80 SR7 build 3002 (1952759)

7 STD7/LVL7

21-GEN-02-17F

Sample Name	STD7/LVL7	Injection Volume	25.0
Vial Number	7	Channel	ECD: 1
Sample Type	standard	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quant. Method	spa300	Dilution Factor	1.0000
Recording Time	4/8/2021 14:13	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

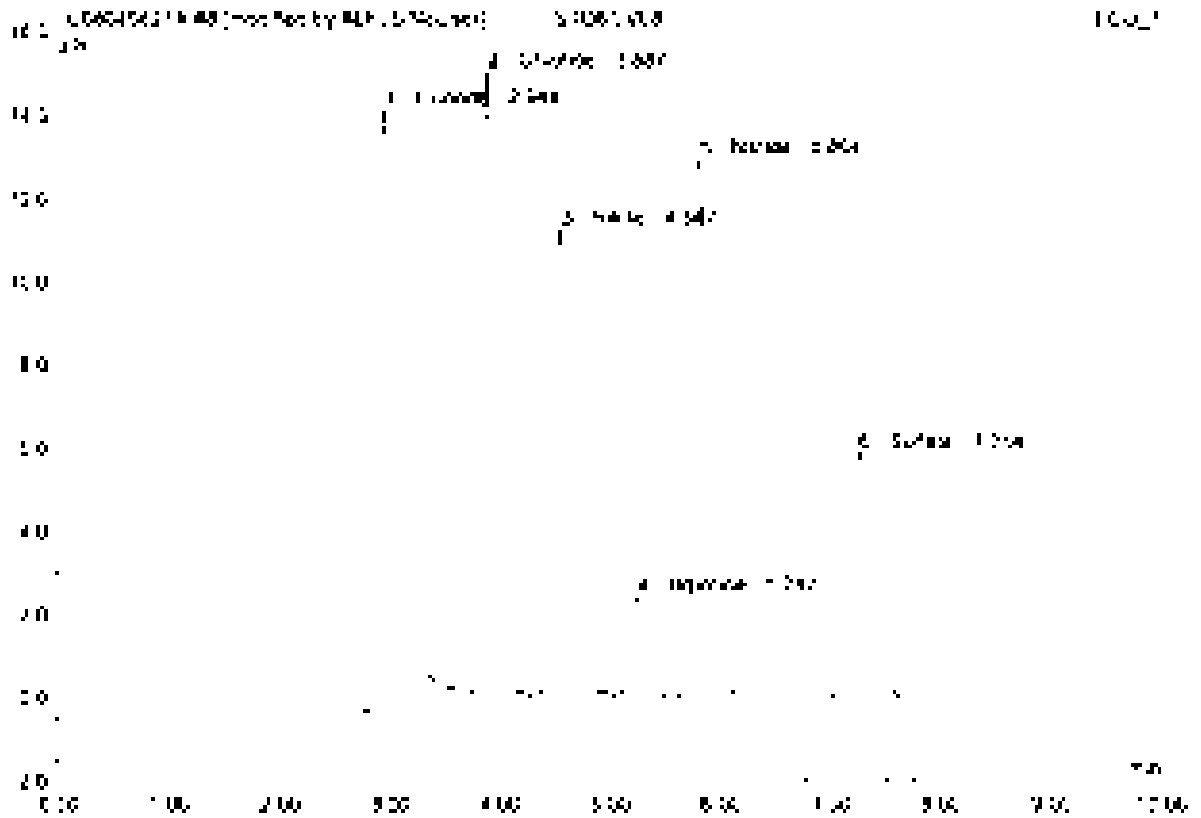


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	10.588	1.874	25.87	7.452	BMB*
2	3.89	Chloride	10.772	1.919	26.49	7.390	BMB*
3	4.54	Nitrite	8.302	1.323	18.33	3.717	BMB*
4	5.25	Bromide	1.759	0.264	3.66	3.724	BMB
5	5.81	Nitrate	9.416	1.566	21.61	3.708	BMB*
6	7.25	Sulfate	4.281	0.910	12.60	3.442	BMB
Total			45.098	7.217	100.00	33.445	

8 STD8/LVL8

21-GEN-02-17G

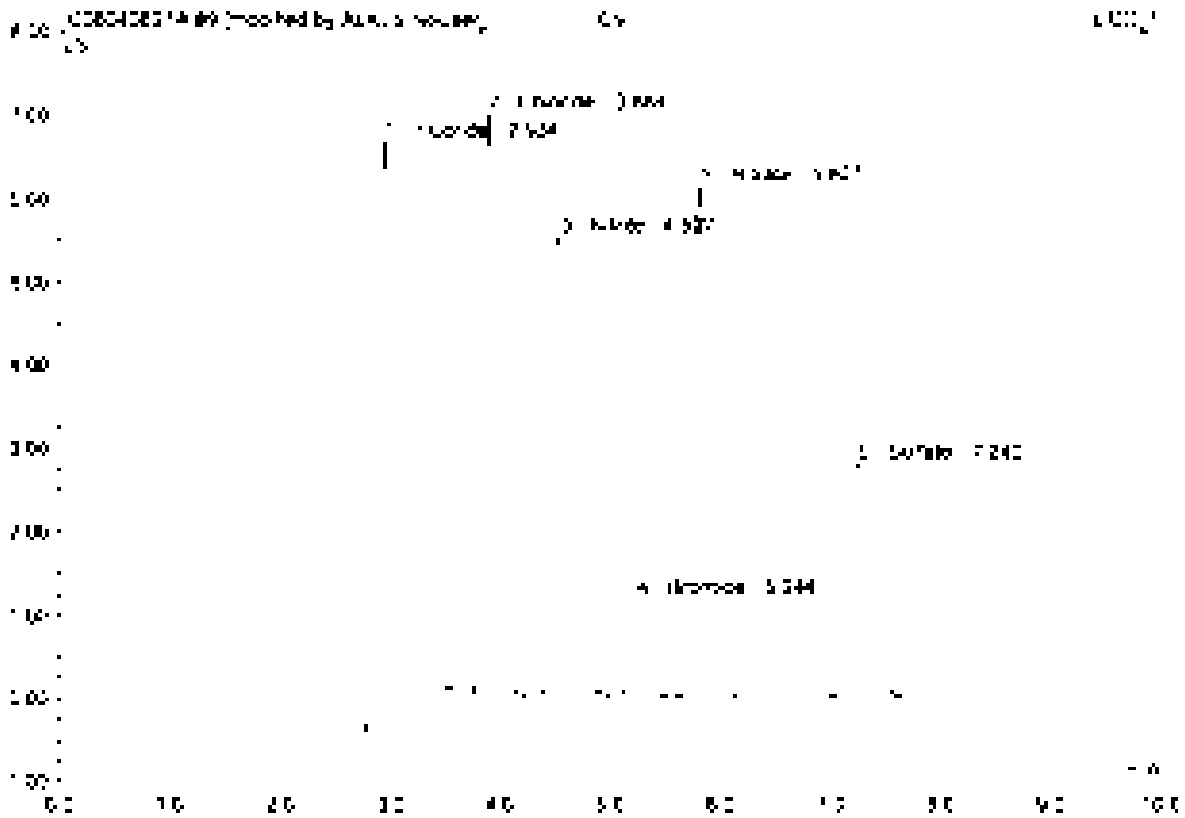
Sample Name	STD8/LVL8	Injected Volume	25.0
Vial Number	8	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 14:25	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	14.402	2.514	25.64	[illegible]	BMB*
2	3.89	Chloride	14.513	1.760	[illegible]	[illegible]	BMB*
3	4.55	Nitrite	17.205	1.796	[illegible]	[illegible]	BMB*
4	5.25	Bromide	2.375	0.357	3.64	[illegible]	BMB
5	5.80	Nitrate	12.899	2.137	21.80	[illegible]	BMB*
6	7.25	Sulfate	5.817	1.238	[illegible]	[illegible]	BMB
Total:			[illegible]	9.805	[illegible]	45.355	

9 ICV

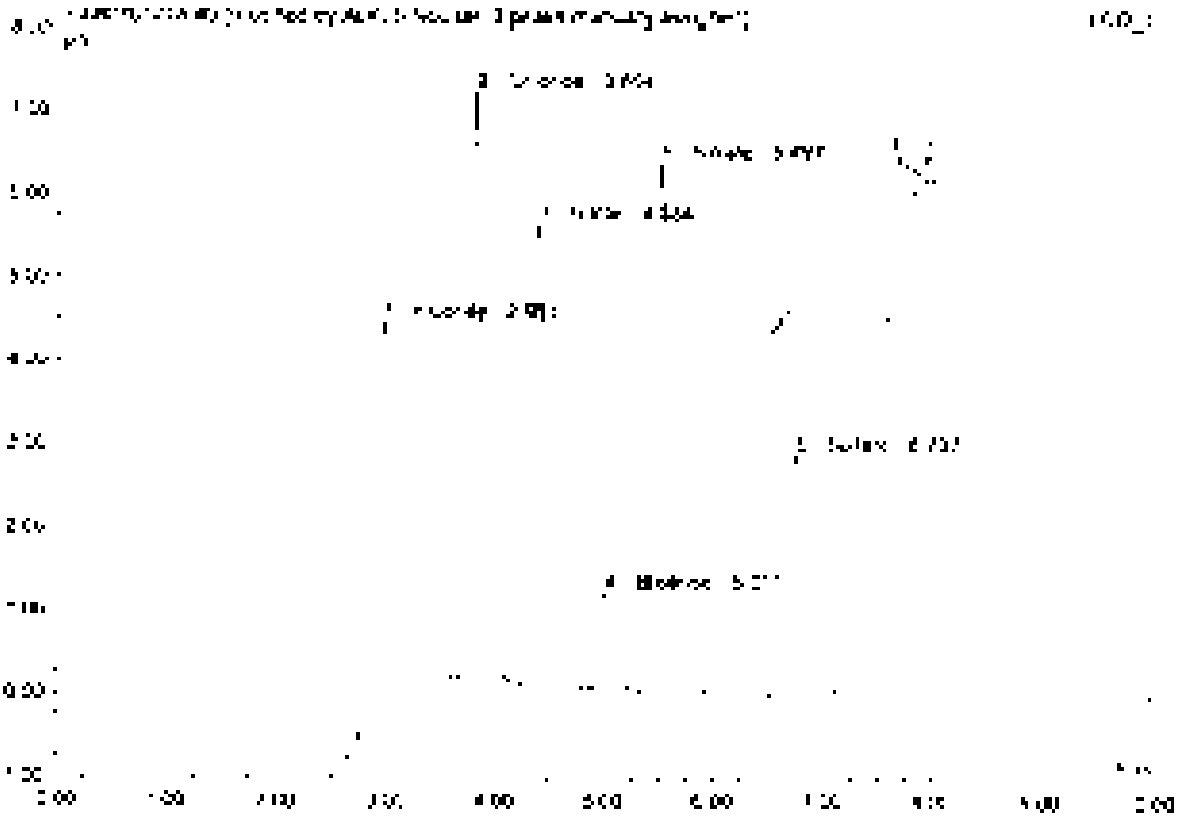
Sample Name	ICV	Injection Volume	25.0
Vial Number	9	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	[illegible]	Bandwidth	n.a.
Quantit. Method	[illegible]	Dilution Factor	1.0000
Recording Time	4/8/2021 14:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.33	Fluoride	6.973	1.257	26.40	5.005	BMB*
2	3.09	Chloride	6.953	0.834	17.51	4.815	BMB
3	4.54	Nitrite	5.496	0.869	18.25	2.442	BMB
4	5.24	Bromide	[illegible]	[illegible]	3.68	2.461	BMB
5	5.91	Nitrate	[illegible]	[illegible]	21.33	2.438	BMB
6	7.24	Sulfate	2.793	0.603	12.65	4.895	BMB
Total:			29.500	4.760	100.00	22.026	

9 CCV1

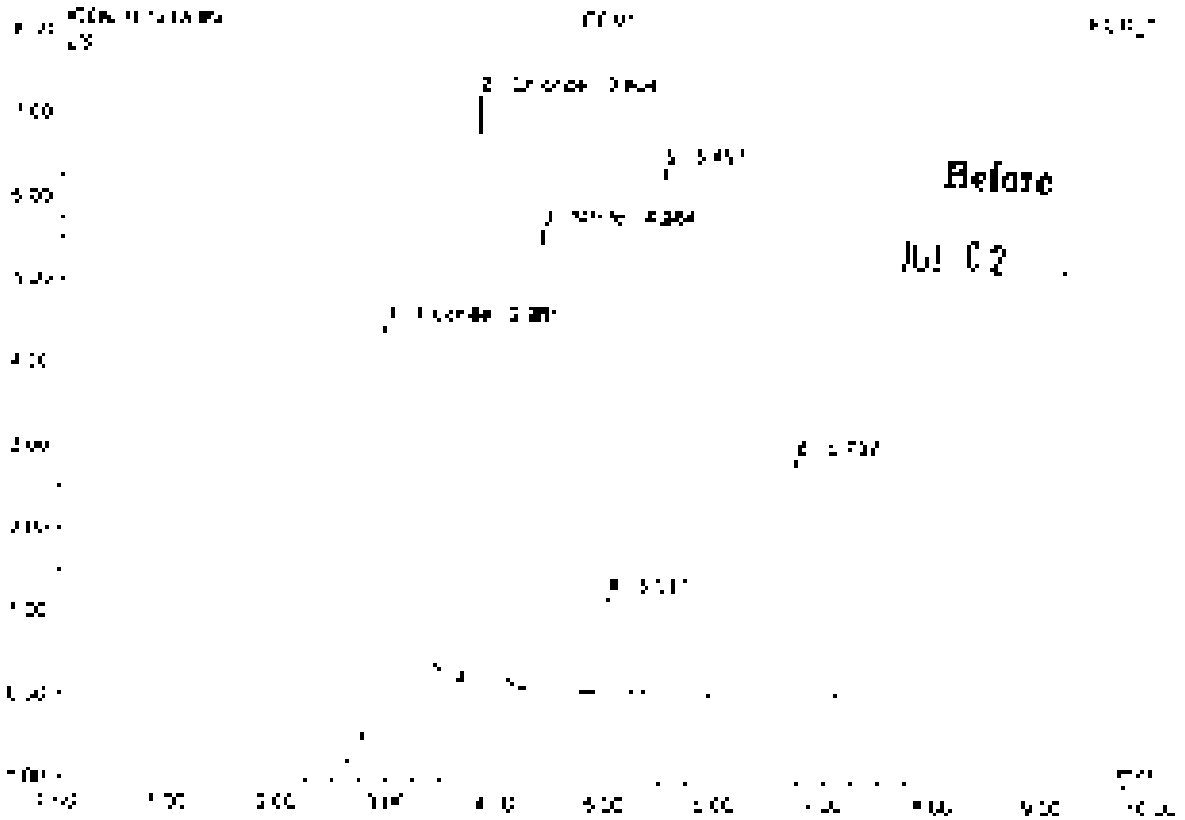
Sample Name	CCV1	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	7/1/2021 15:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	4.672	1.158	24.06	4.610	BMB*
2	3.80	Chloride	7.054	3.628	75.39	4.381	BMB*
3	4.38	Nitrite	5.577	0.838	17.00	2.497	BMB
4	5.07	Bromide	1.771	0.185	3.84	2.375	BMB*
5	6.50	Nitrate	6.361	1.032	22.06	2.452	BMB*
6	8.76	Sulfate	2.873	0.602	12.51	4.886	BMB*
Total:			27.848	4.675	100.00	21.602	

9 CCV1

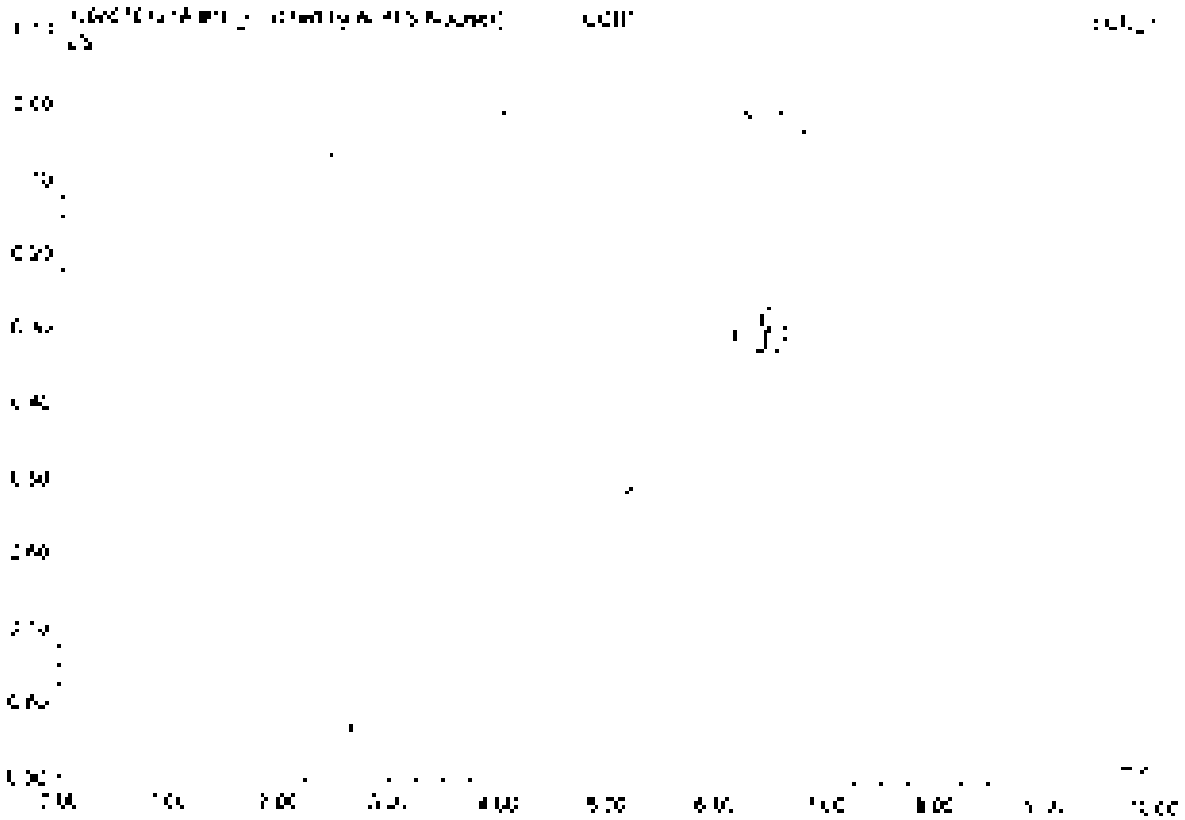
Sample Name	CCV1	Injection Volume	25.0
Vial Number	46	Column	EGD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	7/1/2021 15:16	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.56	Fluoride	4.849	[illegible]	25.56	4.806	BMB
2	3.80	Chloride	[illegible]	8.922	[illegible]	4.781	BMB
3	4.38	Nitrite	5.577	8.888	[illegible]	2.457	BMB
4	5.07	n.a.	[illegible]	[illegible]	3.57	n.a.	BMB
5	5.56	n.a.	6.351	10.32	21.53	n.a.	BMB
6	6.74	n.a.	2.873	3.602	[illegible]	n.a.	BMB
Total			[illegible]	47.725	100.00	12.083	

10 CCB1

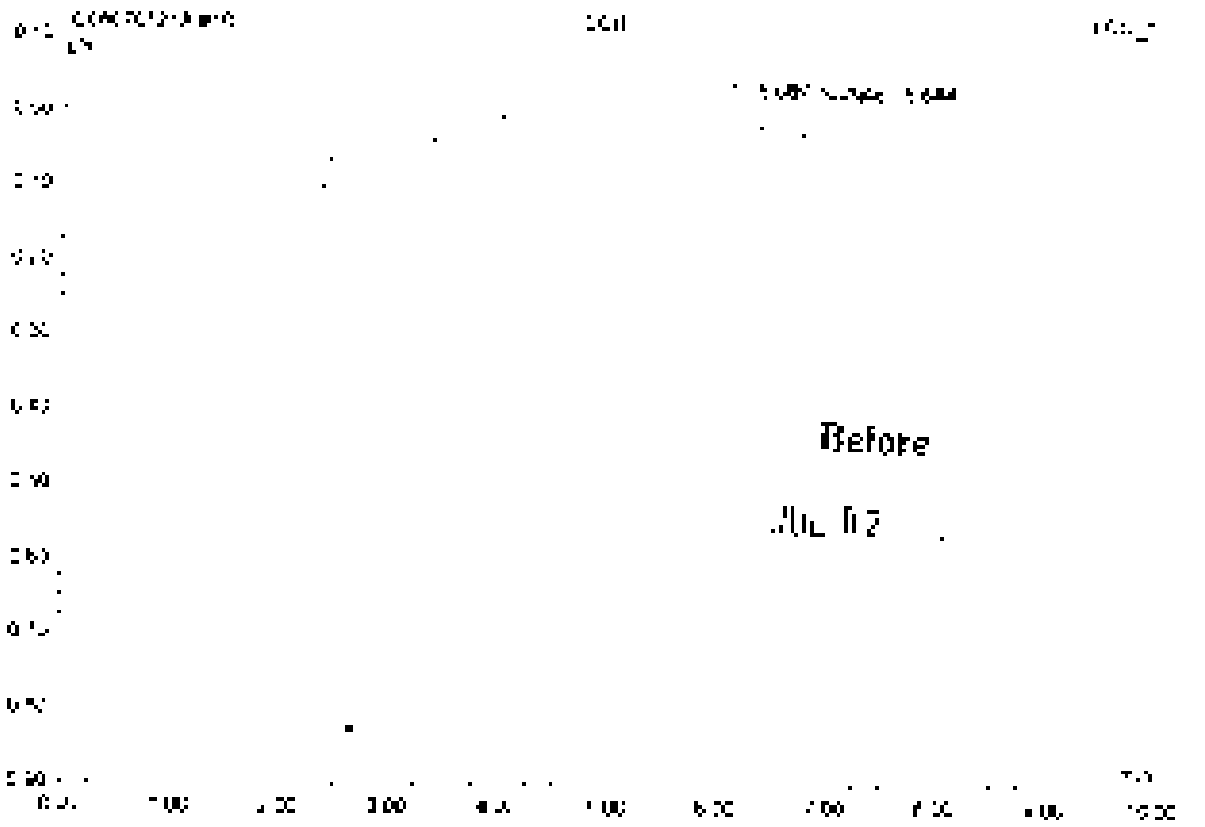
Sample Name	CCB1	Injection Volume	25.0
Vial Number	47	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Processing Time	7/1/2021 15:28	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

10 CCB1

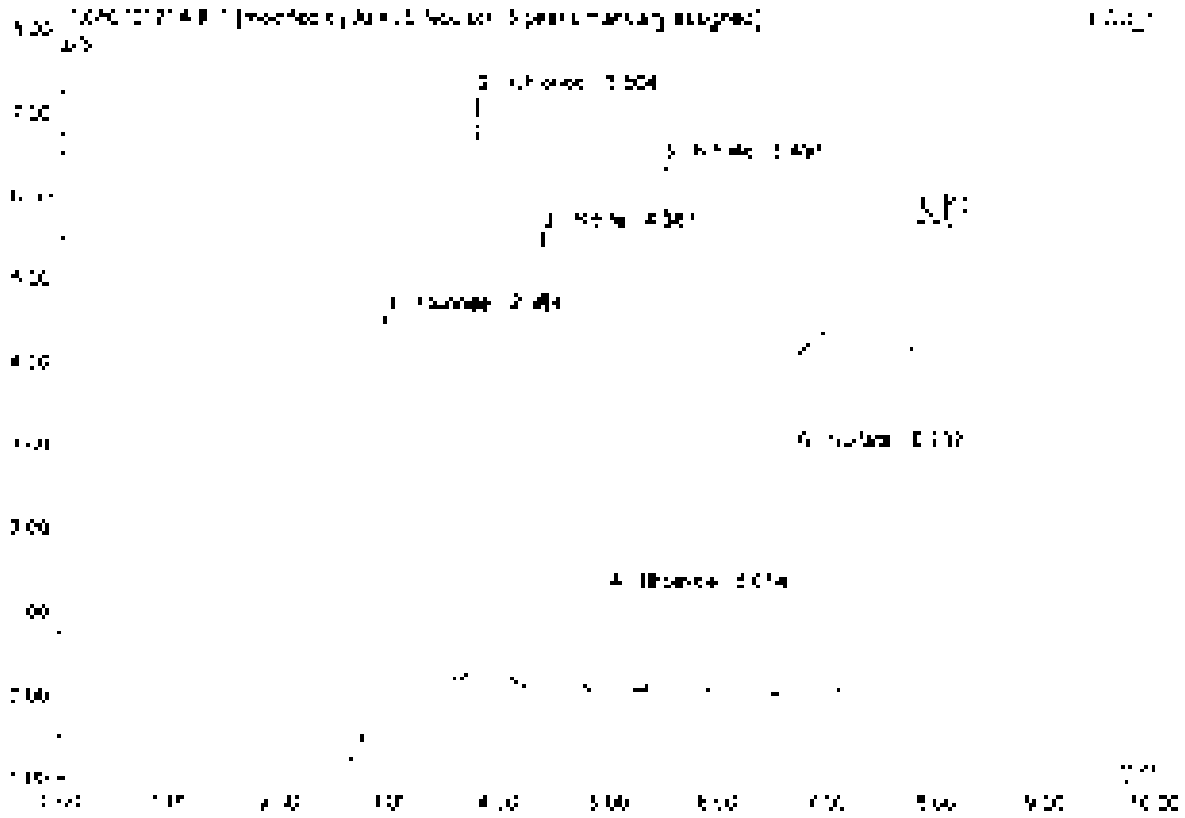
Sample Name	CCB1	Injection Volume	35.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Control Method	apa309	Dilution Factor	1.0000
Recording Time	3/11/2021 15:28	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	0.07	n.a.	0.100	1.400	99.53	n.a.	BMb
2	0.64	Sulfate	0.009	0.007	0.47	0.050	bMB
Total:			0.136	1.406	100.00	0.050	

11 LCS1

Sample Name	LCS1	Injection Volume	25.0
Vial Number	3	Column	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	1.0000
Recording Time	7/1/2021 15:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



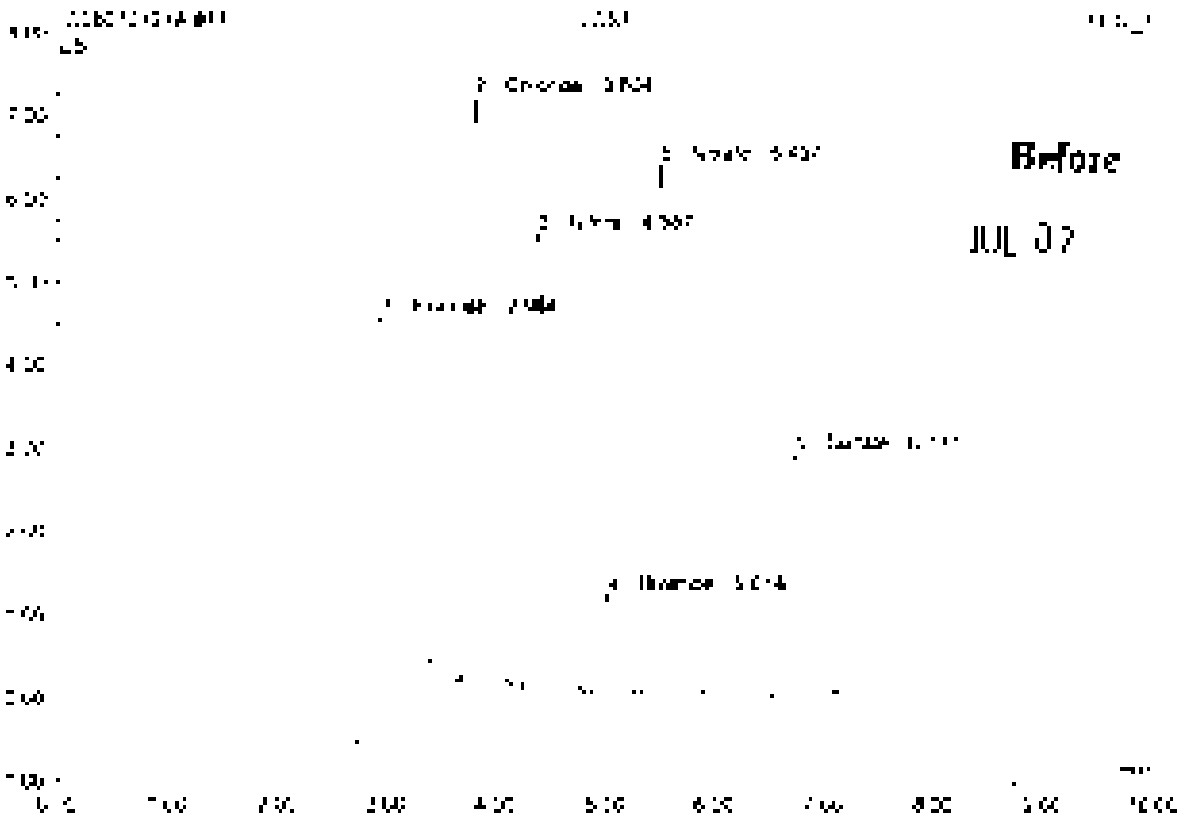
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	4.948	1.155	25.40	4.758	BV3*
2	3.80	Chloride	7.035	0.827	17.18	4.777	BV3*
3	4.39	Nitrite	5.496	0.693	15.06	2.450	BM9
4	5.07	Bromide	1.170	0.159	3.49	2.078	BM9
5	1.50	Nitrate	6.356	1.033	21.99	2.454	BM9
6	6.74	Sulfate	2.550	0.607	12.57	4.931	BM9
Total:			27.905	4.524	100.00	21.751	

Delay Integration

Chromeleon [c] Dionex 1996-2006
Version 6.80 SR1 To Build 2302 (1302279)

11 LCS1

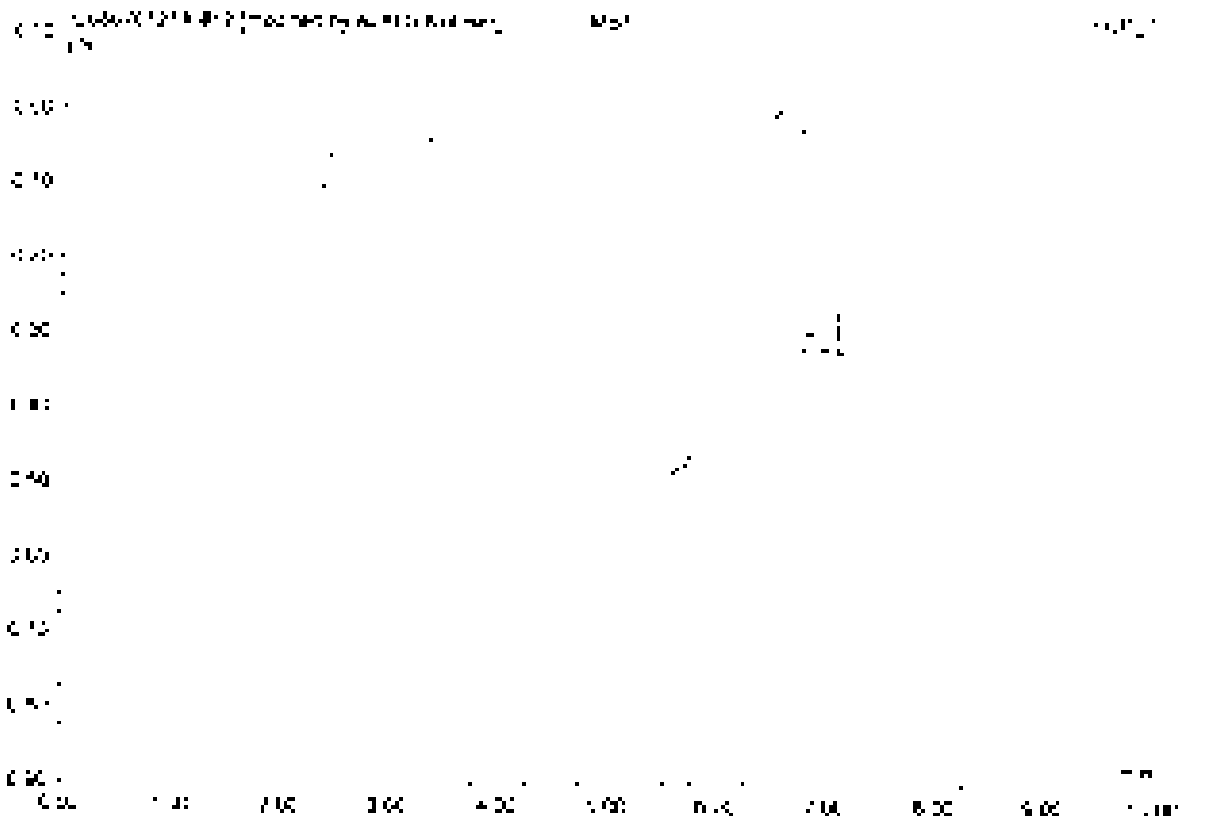
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	1.0000
Processing Time	7/2/2021 15:30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.36	Fluoride	4.370	1.234	26.01	4.912	BMD
2	3.50	Chloride	7.033	0.927	17.24	4.777	BMB
3	4.39	Nitrite	5.490	0.871	18.61	2.453	BVB
4	5.07	Bromide	1.170	0.169	3.56	2.378	BVM
5	5.50	Nitrate	5.356	1.033	21.77	2.454	BVD
6	6.74	Sulfate	2.900	0.607	12.81	6.917	BMH
Total			27.926	4.742	100.00	21.908	

12 MB1

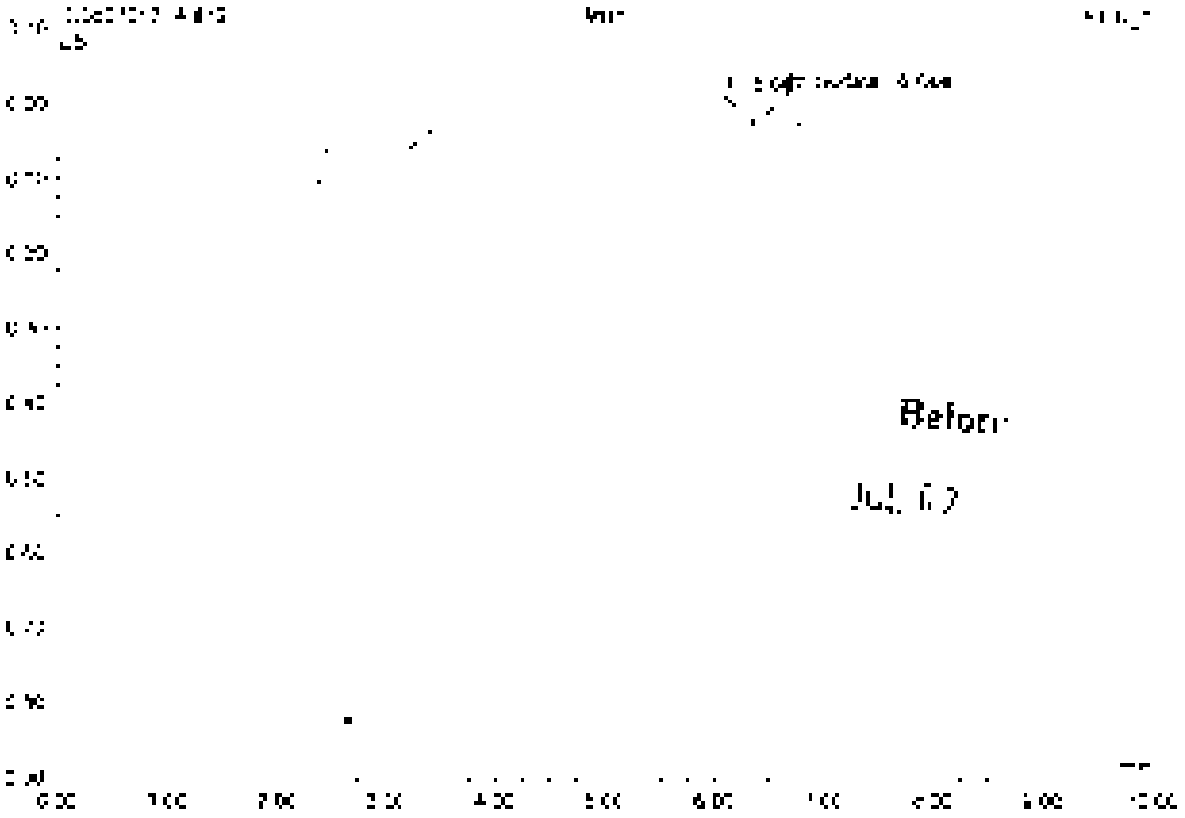
Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	[illegible]21 13:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

12 MB1

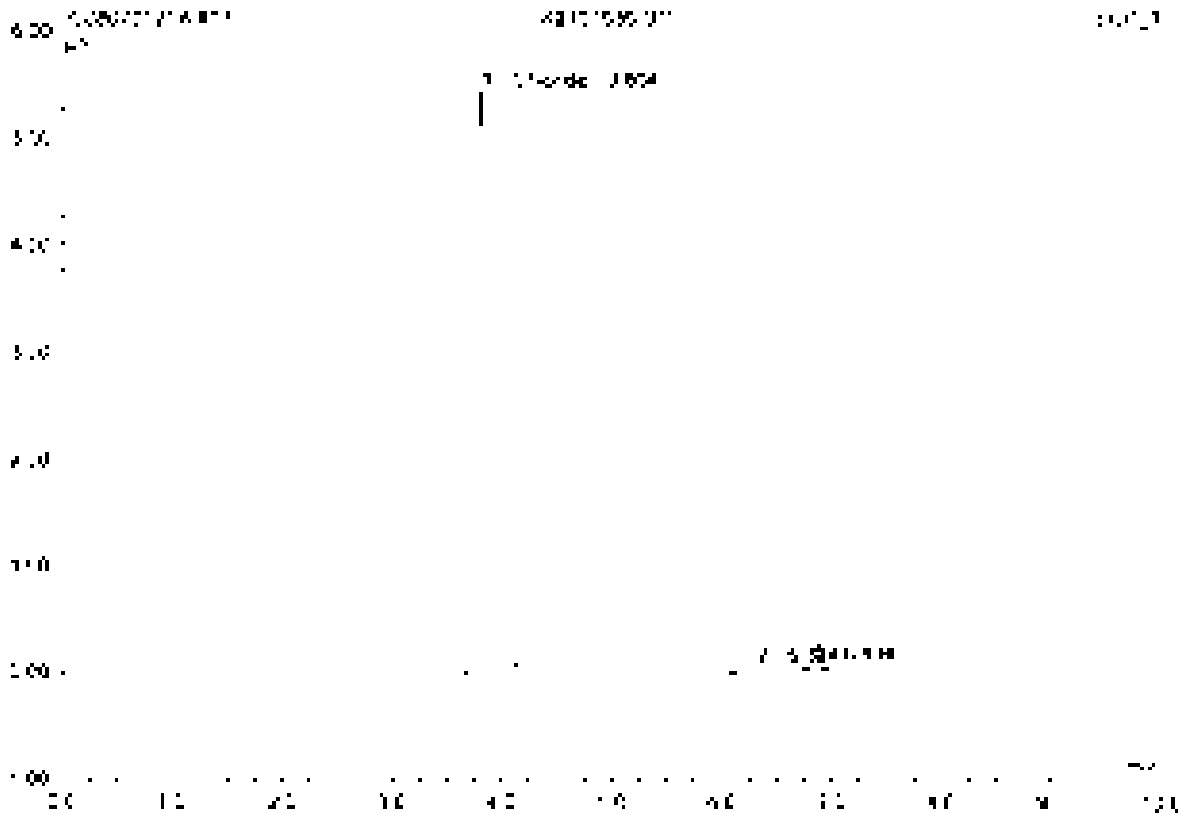
Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	7/12/2021 15:51	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	5.07	n.a.	0.064	1.393	99.48	n.a.	BMB
2	5.64	Sulfate	0.041	0.007	0.52	0.355	BMB
Total:			0.105	1.401	100.00	0.355	

13 K2107636-001

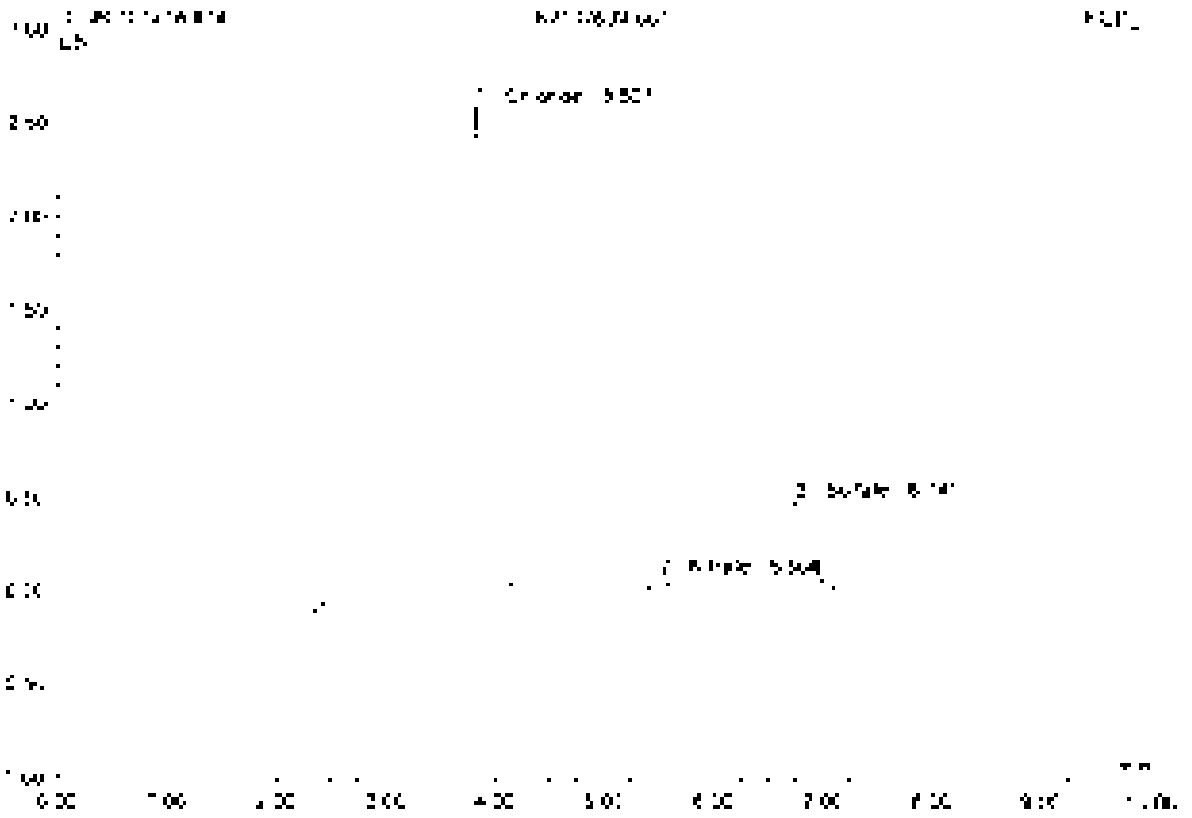
Sample Name	K2107636-001	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/1/2021 15:03	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.80	Chloride	5.421	0.654	85.46	7.552	BMB
2	6.33	n.a.	0.064	0.021	3.17	n.a.	BVB
3	6.83	n.a.	0.053	0.010	1.42	n.a.	BVB
Total			5.538	0.685	100.00	7.552	

14 K2107639-001

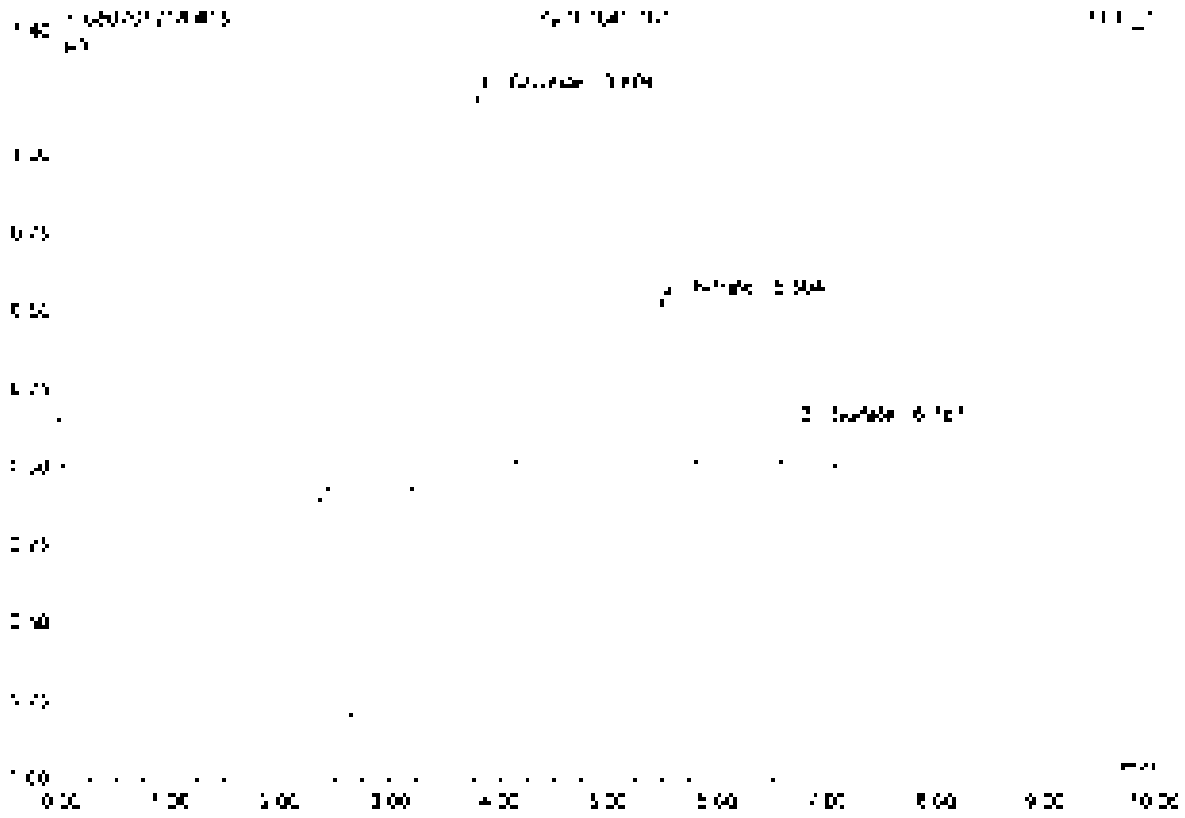
Sample Name	K2107639-001	Injection Volume	35.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Data Method	epa300	Dilution Factor	2.0000
Recording Time	7/8/2021 15:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.21	Chloride	7.679	0.371	72.62	3.294	BMB
2	5.56	Nitrate	0.076	0.010	2.14	0.096	BMB
3	6.74	Sulfate	0.477	0.105	24.63	1.973	BMB
Total			8.131	0.428	100.00	5.363	

15 K2107640-001

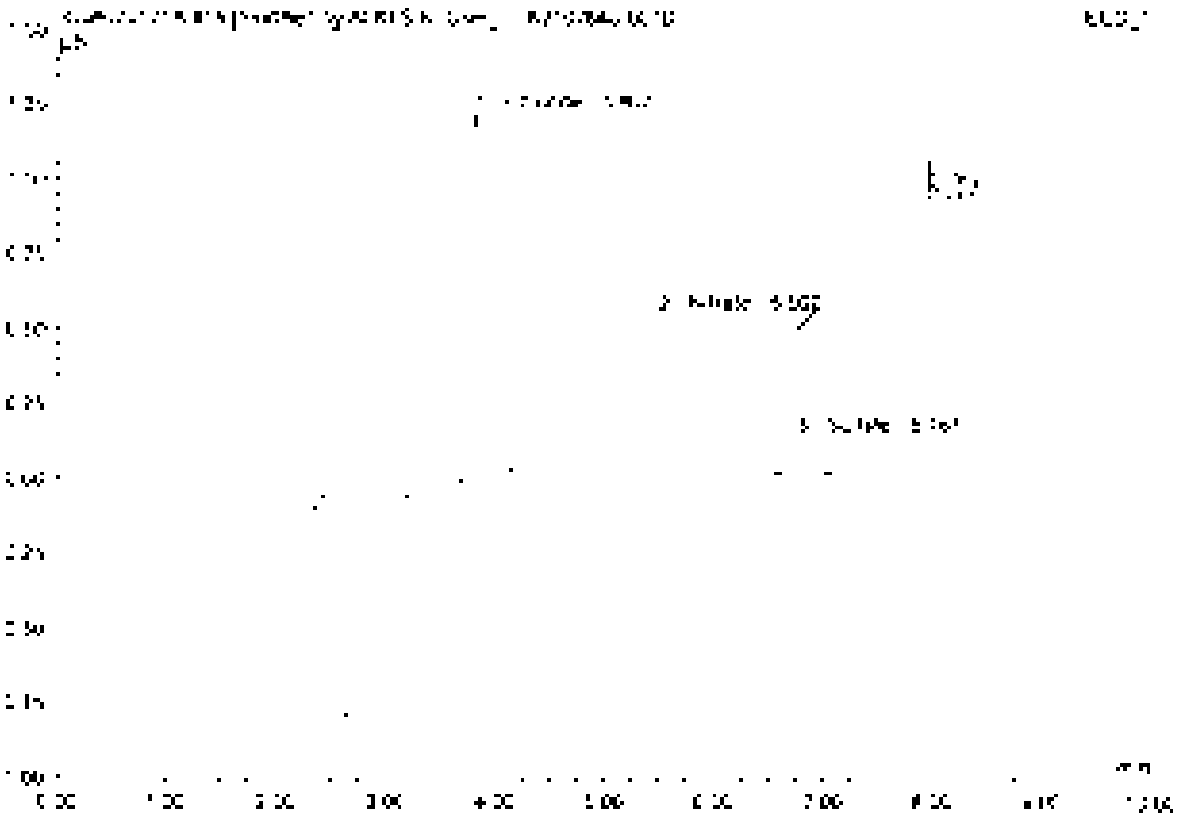
Sample Name	K2107640-001	Injection Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Processing Time	7/1/2021 16:36	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.80	Chloride	1.208	0.745	55.35	1.629	BMB
2	5.50	Nitrate	0.540	0.080	33.17	0.417	BMB
3	6.76	Sulfate	0.125	0.030	11.48	0.452	BMB
Total:			1.873	0.264	100.00	2.599	

16 K2107640-001D

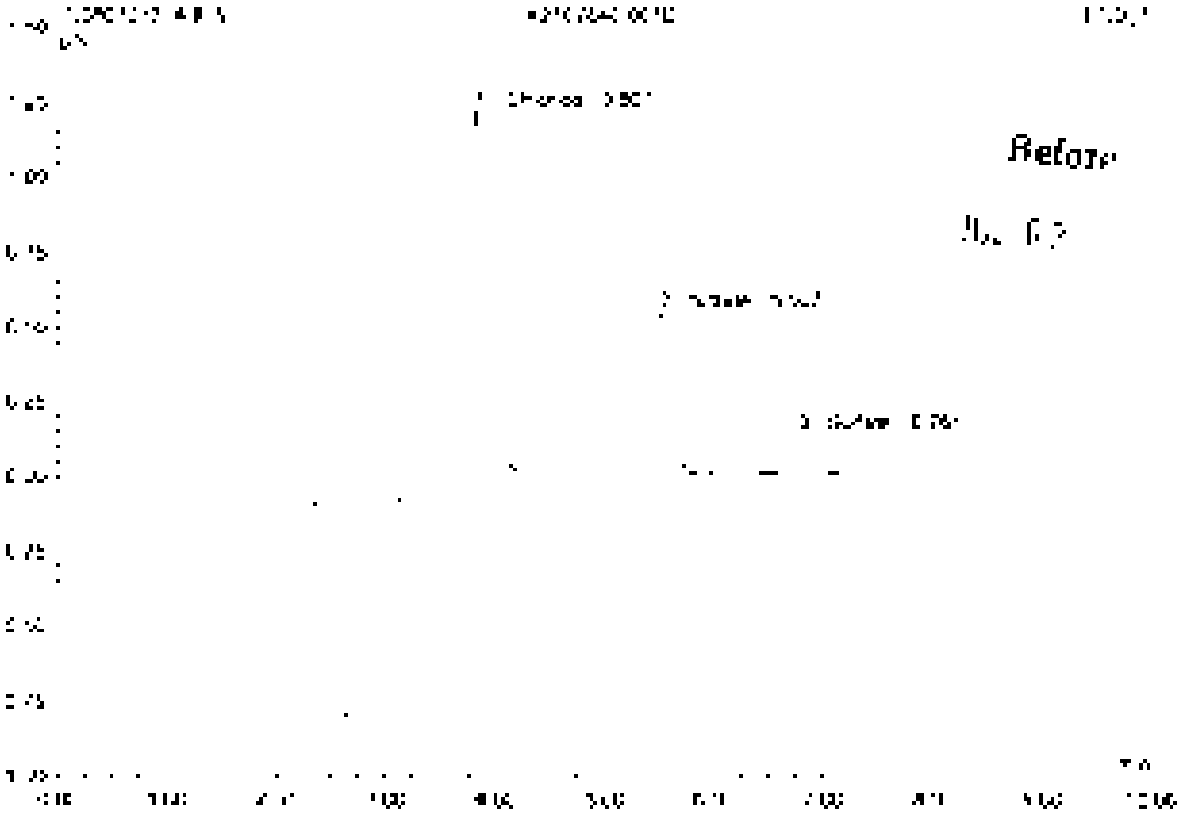
Sample Name	K2107640-001D	Injection Volume	25.0
Vial Number	6	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	[illegible] 16:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.8[illegible]	Chloride	1.2[illegible]5	0.[illegible]47	55.09	1.700	BMB
2	5.51	Nitrate	0.545	0.[illegible]20	33.10	0.42[illegible]	BMB
3	6.[illegible]5	Sulfate	0.[illegible]30	0.0[illegible]	11.72	0.50[illegible]	BMB
Total			1.892	0.20[illegible]	100.00	2.620	

16 K2107640-001D

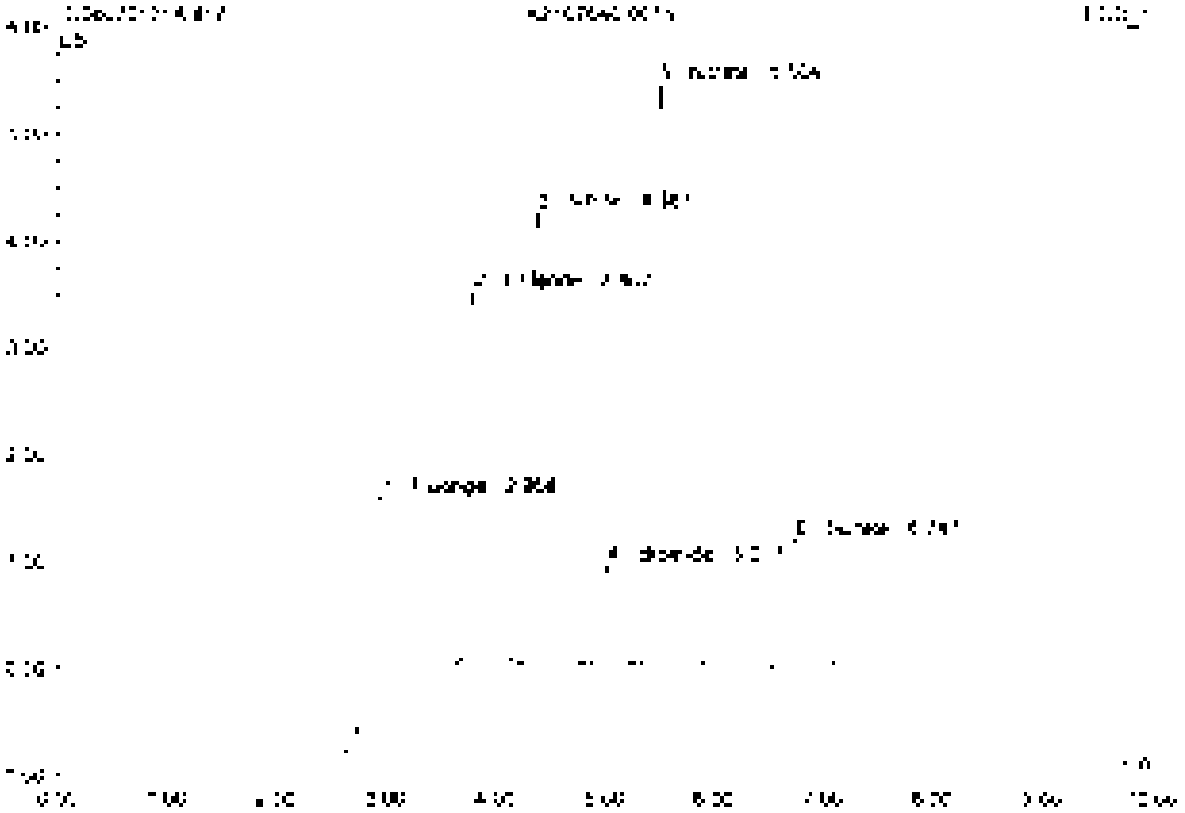
Sample Name	K2107640-001D	Injected Volume	35.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	2.0000
Recording Time	7/11/2021 18:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.51	Chloride	[illegible]	[illegible]	34.53	[illegible]	BVB
2	5.57	Nitrite	0.546	0.035	32.85	0.427	BVB
3	5.78	Sulfate	[illegible]	[illegible]	32.62	[illegible]	BVB
Total:			1.906	0.770	100.00	2.674	

17 K2107640-001S

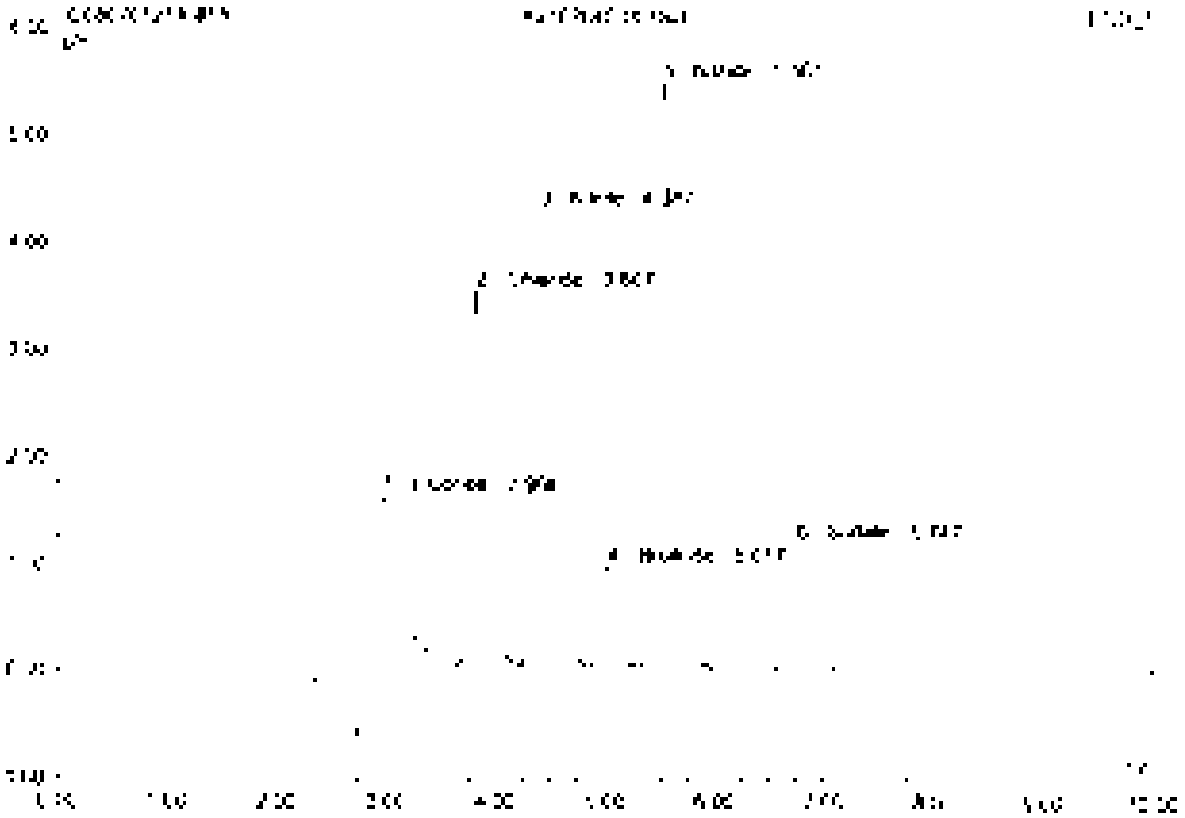
Sample Name	K2107640-001S	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Processing Time	11/[illegible]/2021 16:49	Sample Weight	1.0000
Run Time (max.)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	2.057	0.597	20.32	0.420	BMD
2	3.81	Chloride	3.457	0.412	13.95	0.521	BMB
3	4.39	Nitrite	4.230	0.676	22.86	1.593	BVB
4	5.02	Bromide	0.902	0.134	4.55	1.582	BMD
5	5.50	Nitrate	5.421	0.884	29.96	6.477	BMB
6	5.75	Sulfate	1.195	0.256	8.65	5.302	BMB
Total			17.151	2.958	100.00	30.236	

18 K2107640-001SD

Sample Name	K2107640-001SD	Injection Volume	25.0
Vial Number	8	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa399	Bandwidth	n.a.
Quant Method	spa399	Dilution Factor	4.0000
Recording Time	7/1/2021 17:00	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

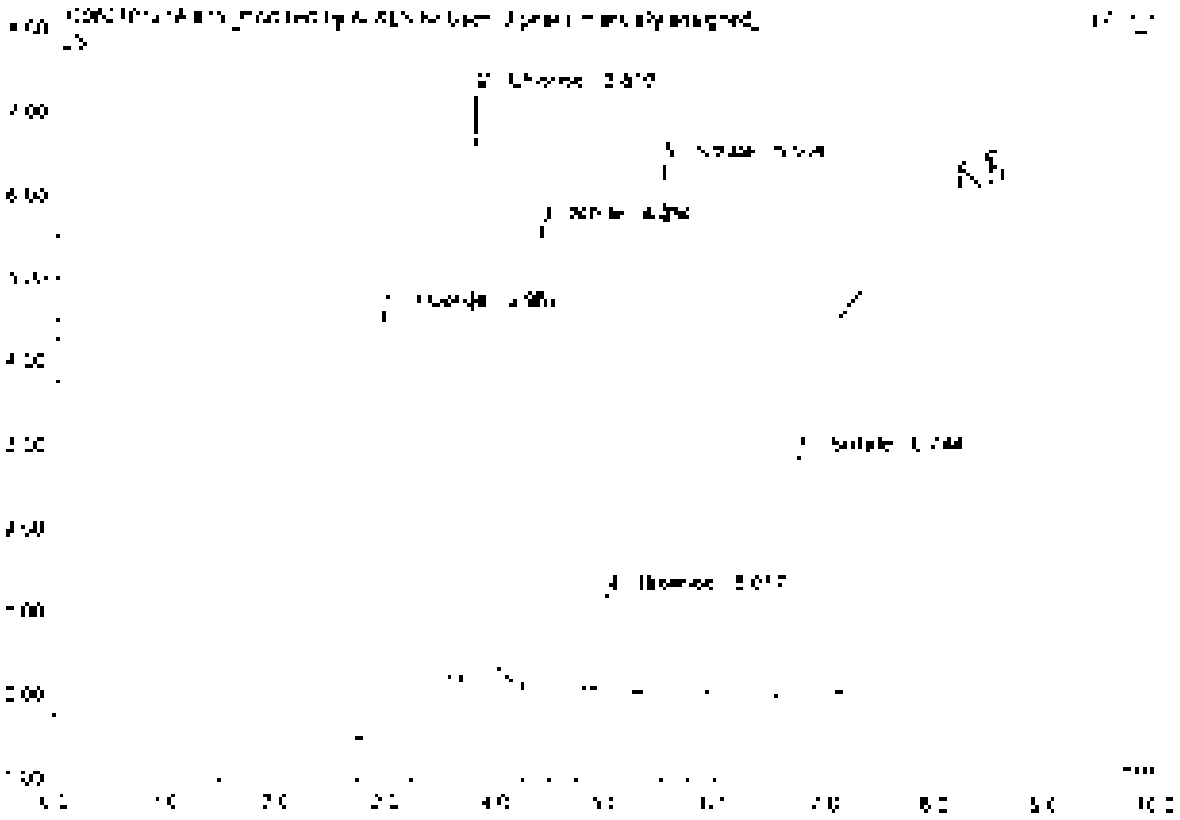


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	2.062	0.597	20.07	9.502	BMB
2	3.81	Chloride	3.472	0.410	13.89	9.531	BMB
3	4.39	Nitrite	4.270	0.680	22.86	7.644	BMB
4	5.02	Bromide	0.939	0.135	4.56	7.646	BMB
5	5.50	Nitrate	5.469	0.850	33.03	8.487	BMB
6	6.75	Sulfate	1.190	0.265	8.57	8.267	BMB
Total:			17.439	2.972	100.00	51.080	

Chromeleon Inc. Dionex 1996-2006
Version 6.80 SR1 (Build 3302) (156276)

19 CCV2

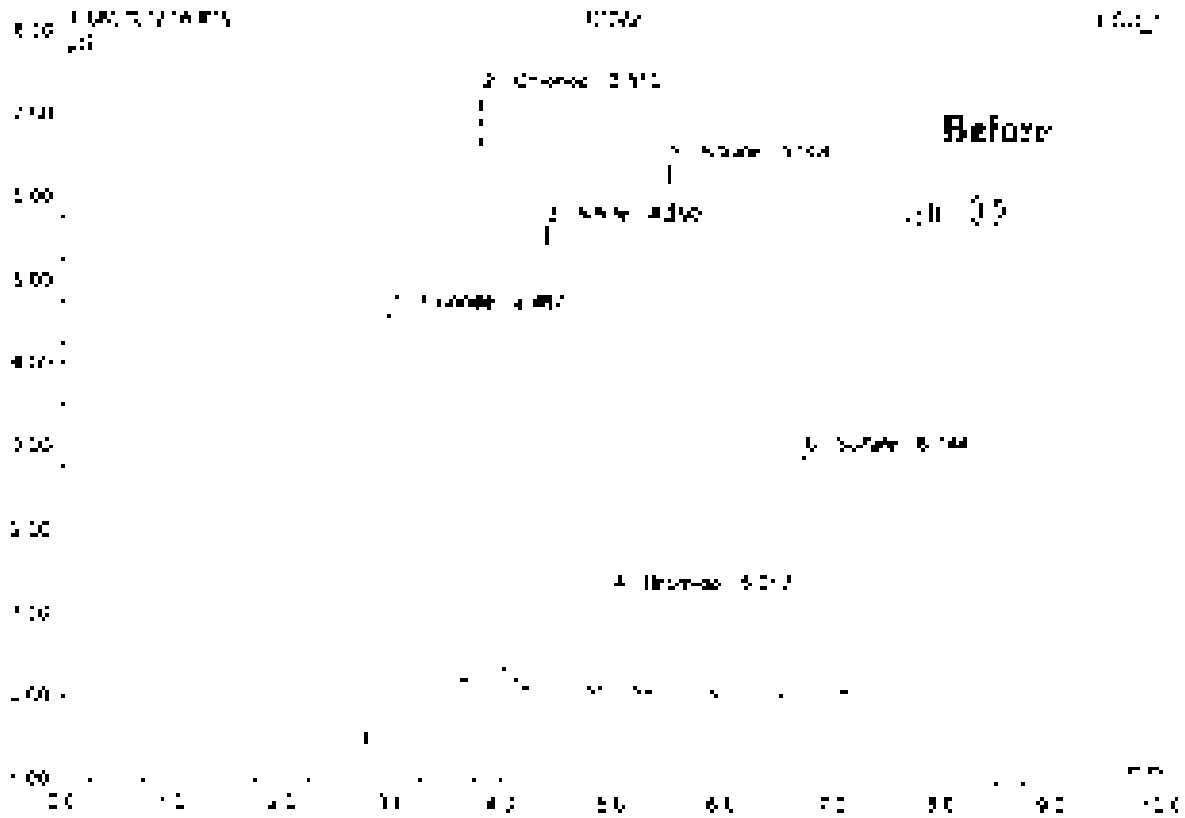
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/1/2021 17:12	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.97	Fluoride	4.972	[illegible]	25.13	4.717	BMB*
2	3.81	Chlorate	7.007	0.831	17.63	4.799	BMB*
3	4.39	Nitrite	5.552	0.891	18.90	2.504	BMB
4	5.27	Bromide	1.172	0.169	3.58	2.576	BMB*
5	5.50	Nitrate	6.374	[illegible]	21.35	2.460	BMB*
6	5.74	Sulfate	2.688	0.534	11.32	4.904	BMB*
Total:			28.066	4.714	100.00	21.701	

19 CCV2

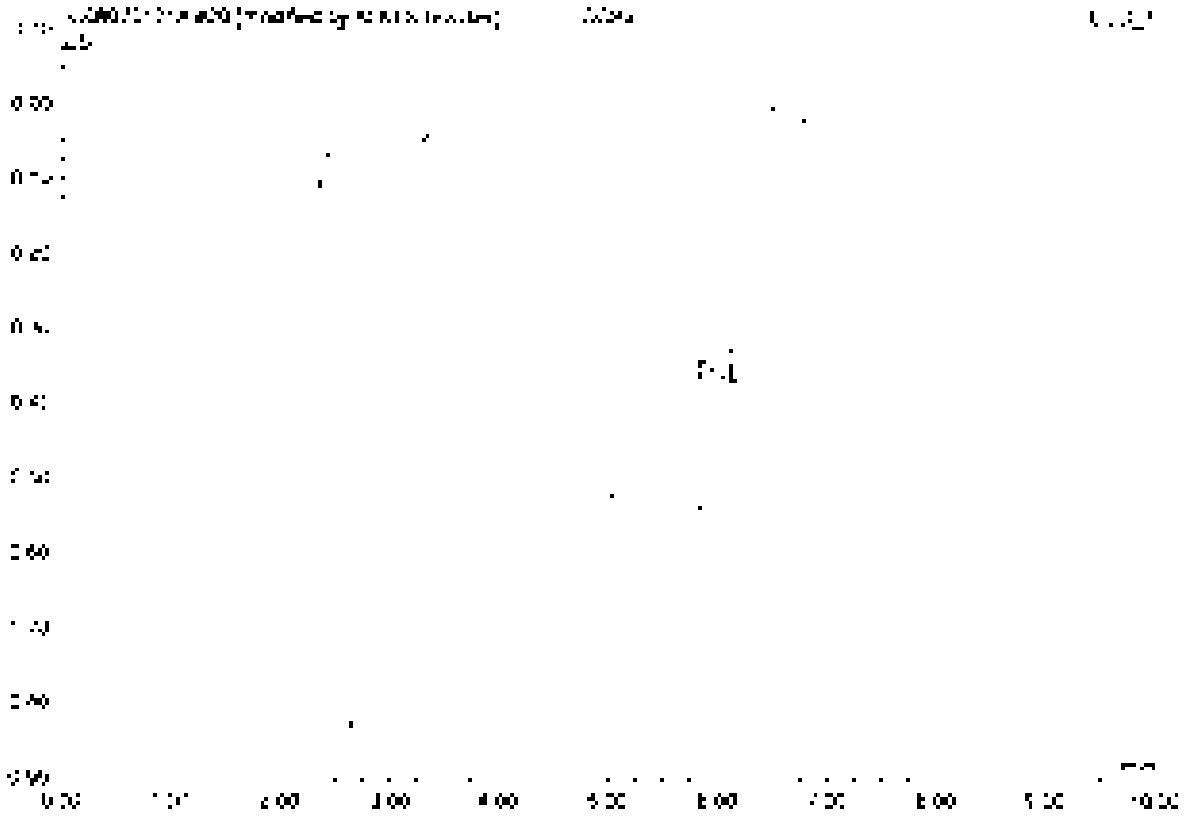
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Method Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	7/1/2021 17:12	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.97	Fluoride	4.999	1.233	25.86	4.969	BMB
2	3.81	Chloride	[illegible]	[illegible]	[illegible]	4.799	BMB
3	4.39	Nitrite	5.585	0.891	18.77	2.504	BMB
4	5.02	Bromide	[illegible]	0.169	3.54	2.075	BMB
5	5.50	Nitrate	6.374	1.035	21.73	2.460	BMB
6	6.74	Sulfate	7.886	0.604	12.69	4.905	BMB
Total:			28.042	4.762	100.00	21.653	

20 CCB2

Sample Name	CCB2	Injection Volume	25.0
Run Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	7/1/2007 17:24	Sample Weight	1.0000
Run Time (min.)	10.00	Sample Amount	1.0000



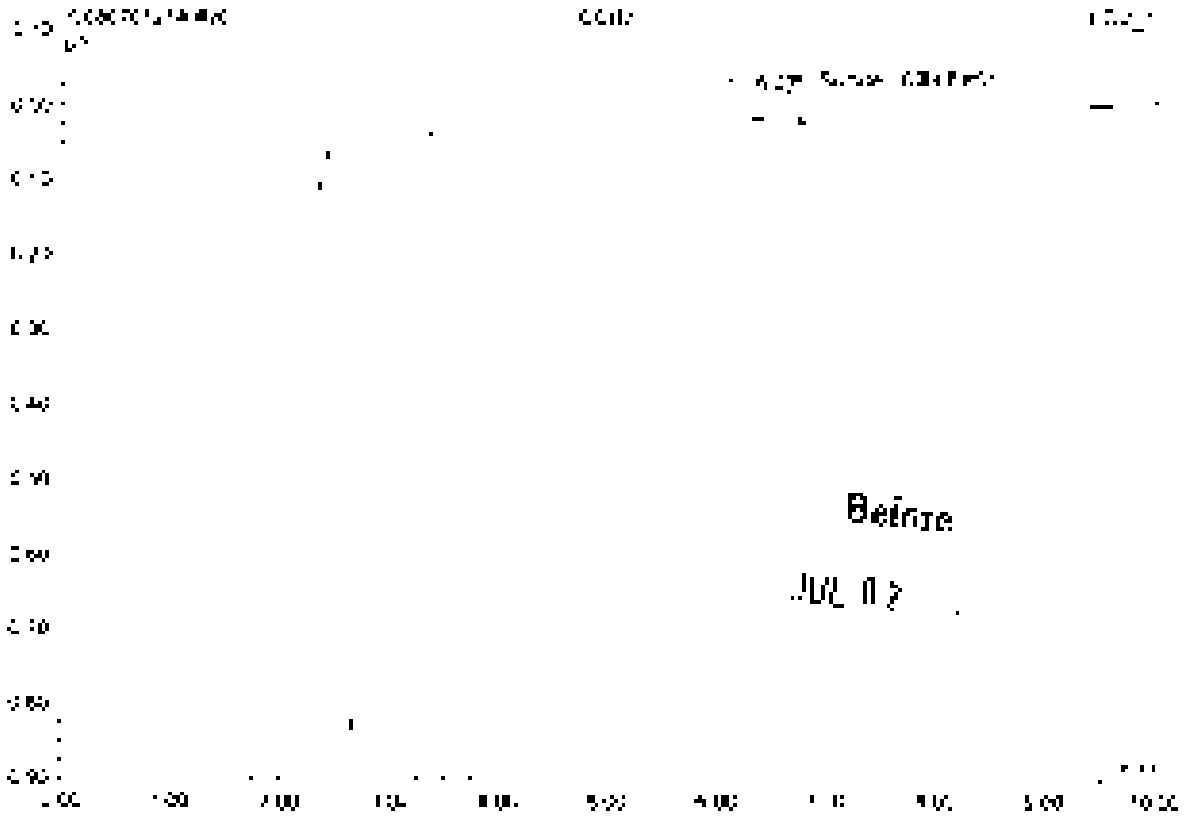
No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total			0.000	0.000	0.00	0.000	

Delay Integration

Chromeleon (c) Dionex 1996-2006
Version 6.60 SR1 Build 2307 (196279)

20 CCB2

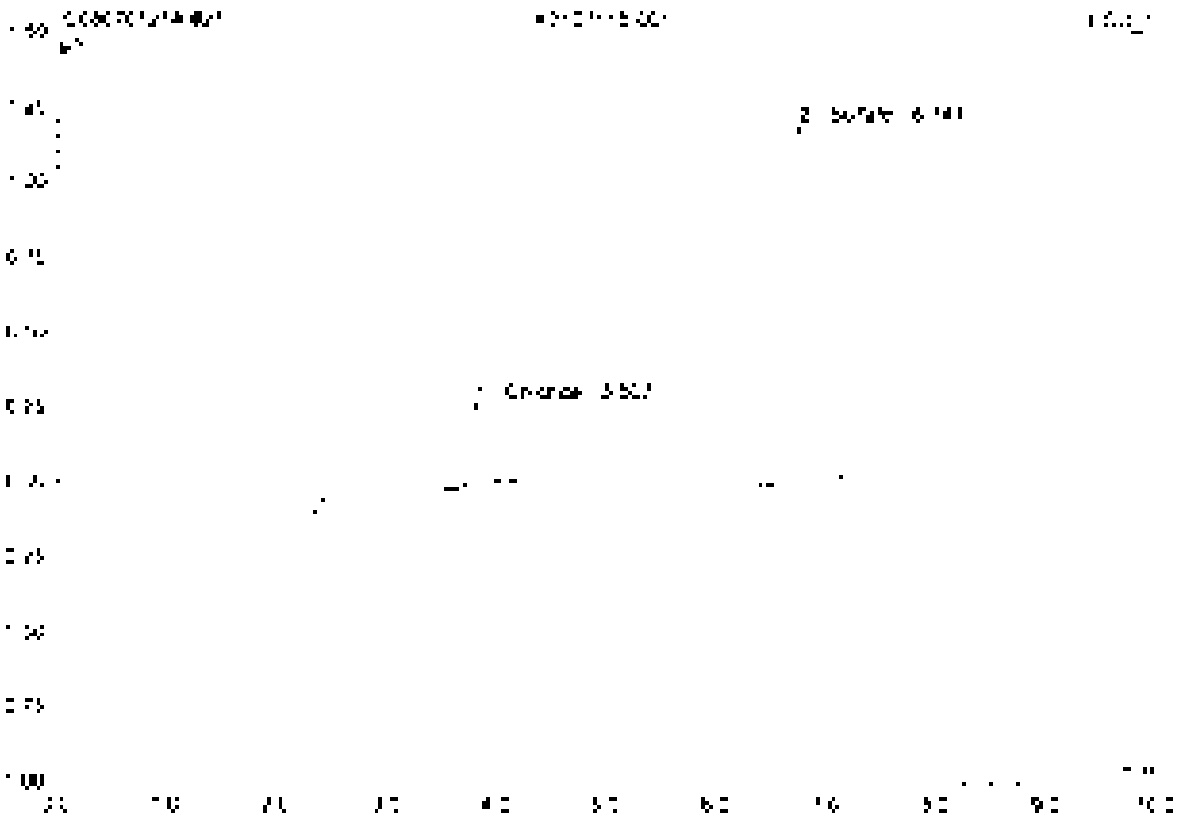
Sample Name:	CCB2	Injection Volume:	25.0
Vial Number:	49	Channel:	ECD 1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quant Method:	epa300	Dilution Factor:	1.0000
Recording Time:	7/1/2021 17:24	Sample Weight:	1.0000
Run Time (min):	10.00	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.37	n.a.	0.055	1.350	95.64	n.a.	BMB
2	6.65	Sulfate	0.000	0.007	0.49	0.058	BMB
3	7.50	n.a.	0.004	0.056	3.87	n.a.	BMB
Total:			0.060	1.453	100.00	0.058	

21 K2107118-001

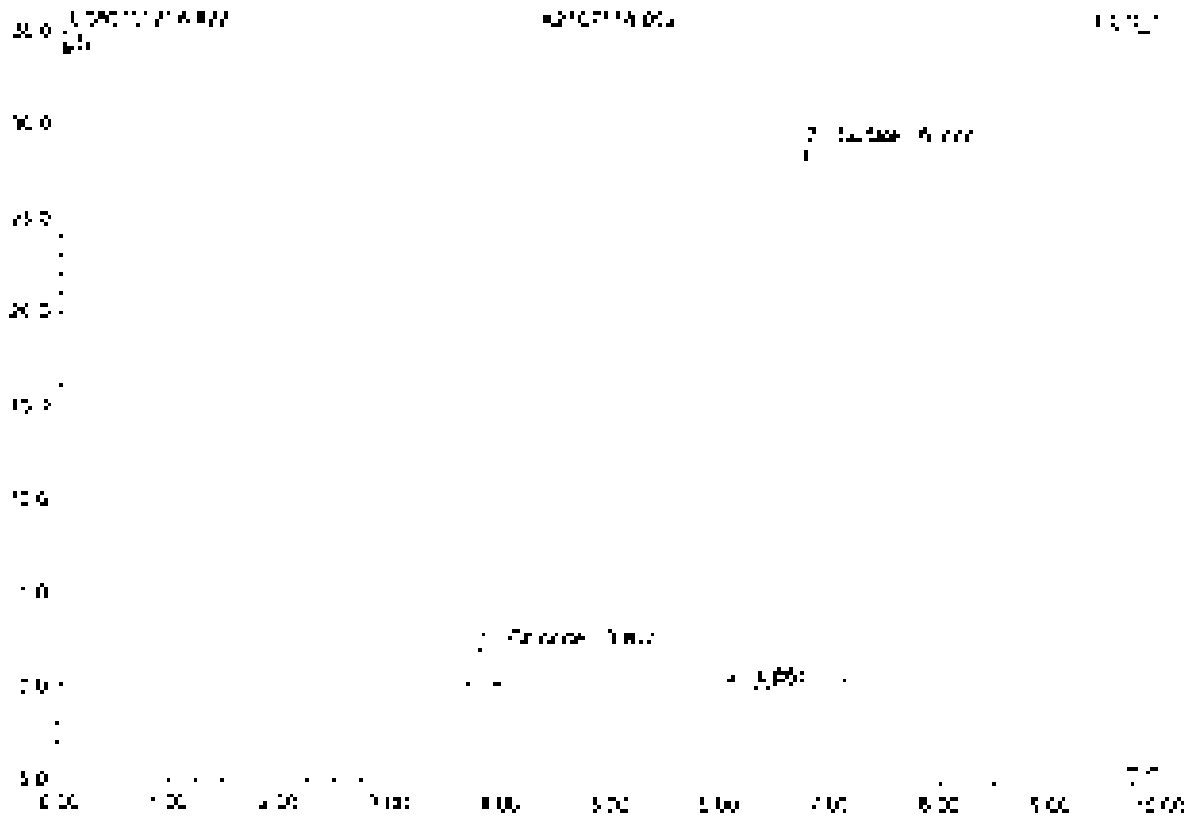
Sample Name	K2107118-001	Injection Volume	25.0
Vial Number	9	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantif. Method	wpa300	Dilution Factor	20.0000
Recording Time	7/1/2021 17:35	Sample Weight	1.0000
Run Time (min)	18.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.81	Chloride	0.275	0.036	12.40	4.164	BMB
2	6.75	Sulfate	1.197	0.255	87.60	41.341	BVB
Total			1.452	0.291	100.00	45.505	

22 K2107118-002

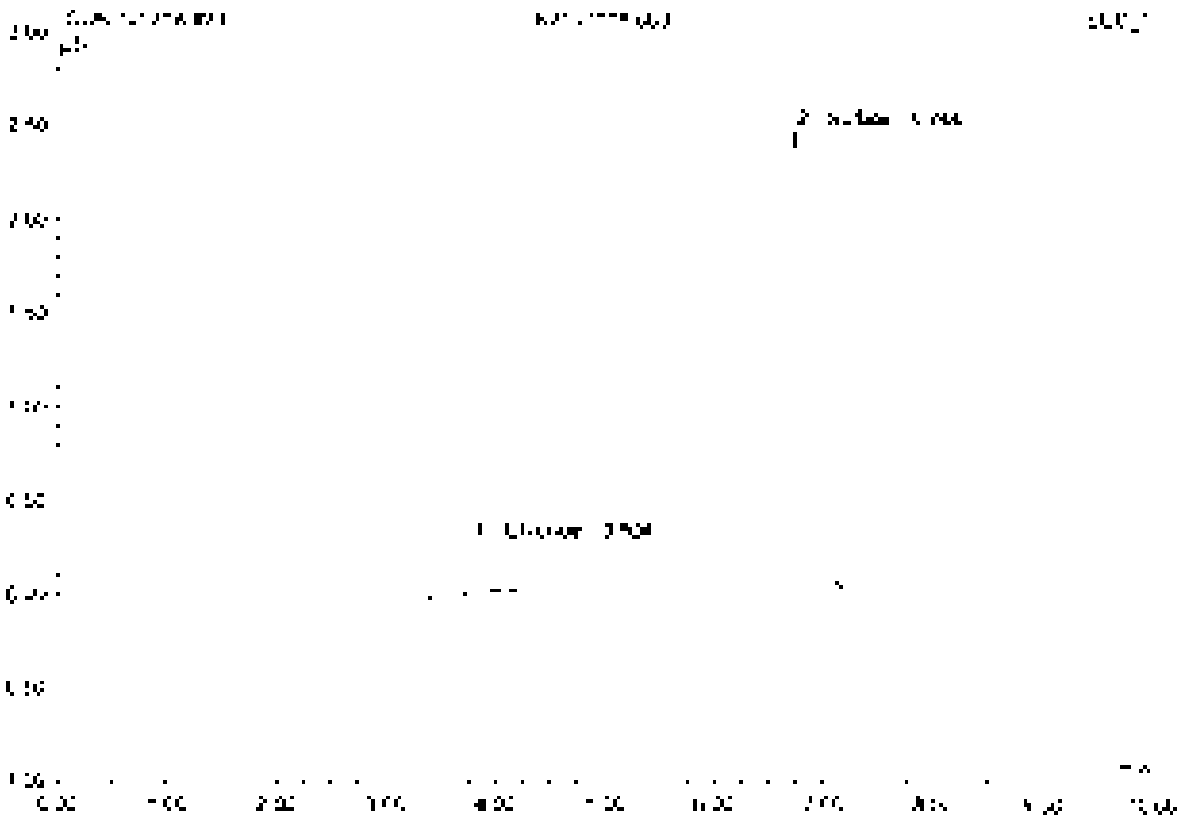
Sample Name	K2107118-002	Injection Volume	35.0
Vial Number	10	Channel	ECD: 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	20.0000
Recording Time	7/1/2021 17:47	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µSmin	Rel Area %	Amount	Type
1	3.61	Chloride	2.329	0.244	3.65	28.240	BV B
2	4.06	n.a.	0.348	0.021	0.31	n.a.	BV B
3	5.72	Sulfate	28.595	6.427	96.04	1043.593	BV B
Total:			30.676	6.692	100.00	1071.833	

23 K2107118-003

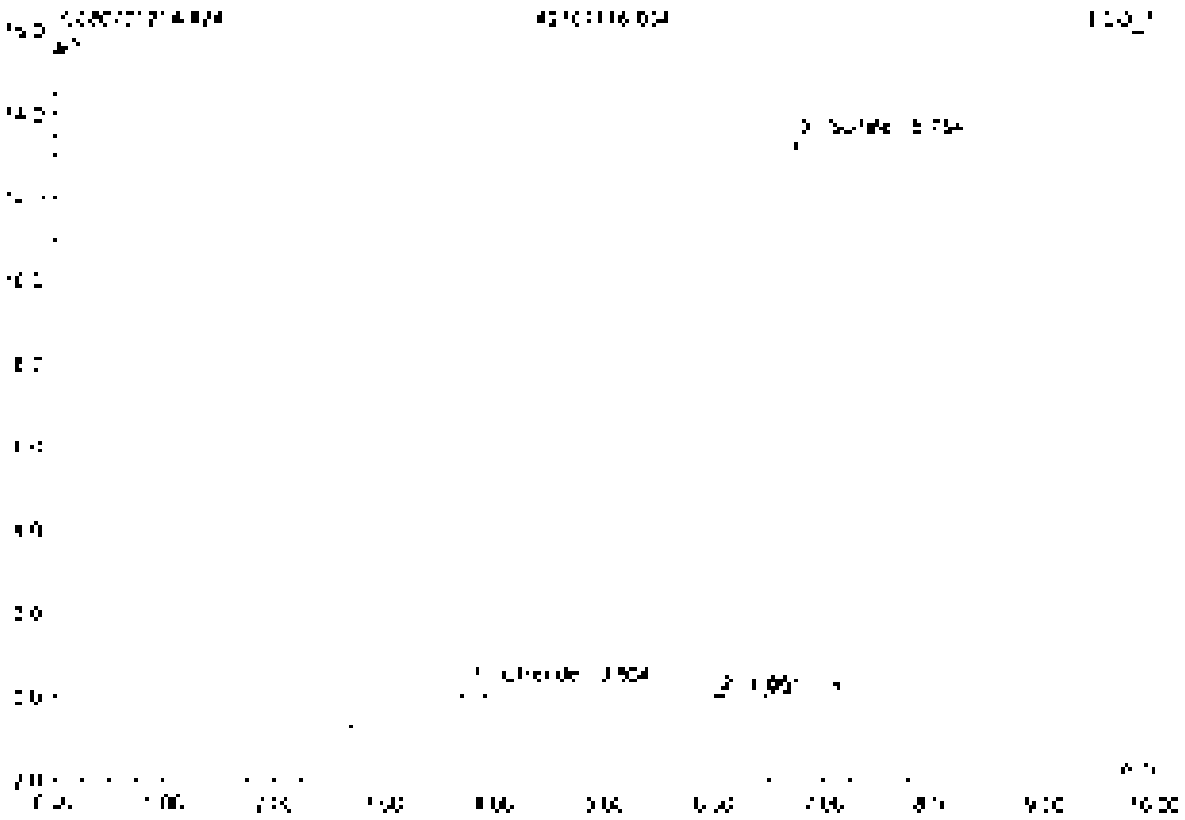
Sample Name	K2107118-003	Injection Volume	25.0
Vial Number	11	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Solvent	n.a.
Quantit. Method	epa300	Dilution Factor	20.0000
Processing Time	7/1/2021 17:58	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.60	Chloride	0.251	0.037	6.62	4.281	BV B
2	5.24	Sulfate	2.455	0.522	93.38	84.807	BV B
Total:			2.706	0.559	100.00	89.088	

24 K2107118-004

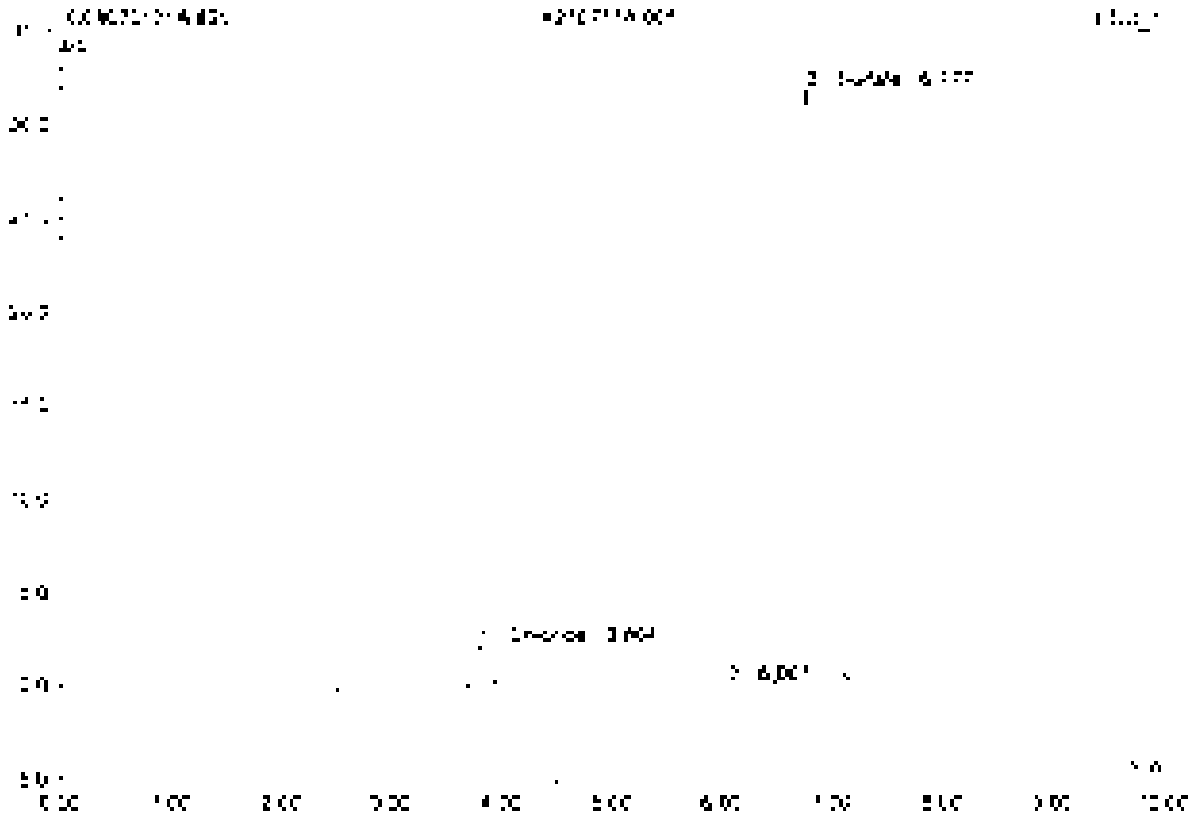
Sample Name	K2107118-004	Injection Volume	25.0
Vial Number	12	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant. Method	apa300	Calibration Factor	20.0000
Recording Time	7/1/2021 18:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.80	Chloride	0.275	0.032	1.16	3.643	BMB
2	6.08	n.a.	0.039	0.007	0.26	n.a.	BMB
3	6.75	Sulfate	13.283	2.825	98.58	458.840	BMB
Total:			13.599	2.865	100.00	462.483	

25 K2107118-005

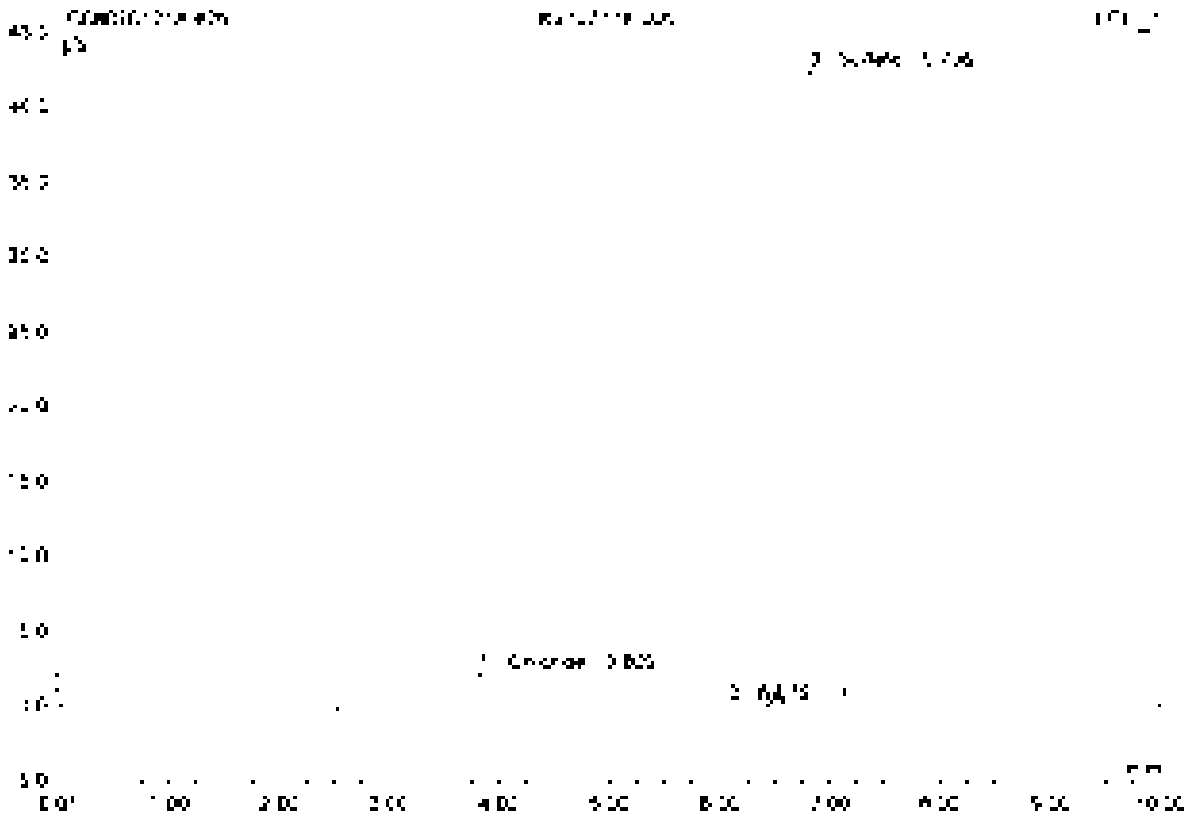
Sample Name	K2107118-005	Injection Volume	25.0
Vial Number	10	Column	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Control Factor	20.0000
Processing Time	[illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.80	Chloride	2.137	0.256	3.44	20.563	BV B
2	6.07	n.a.	0.042	0.010	0.14	n.a.	BV B
3	6.78	Sulfate	31.415	7.175	96.42	[illegible]	BV B
Total:			33.602	7.446	100.00	[illegible]	

25 K2107118-006

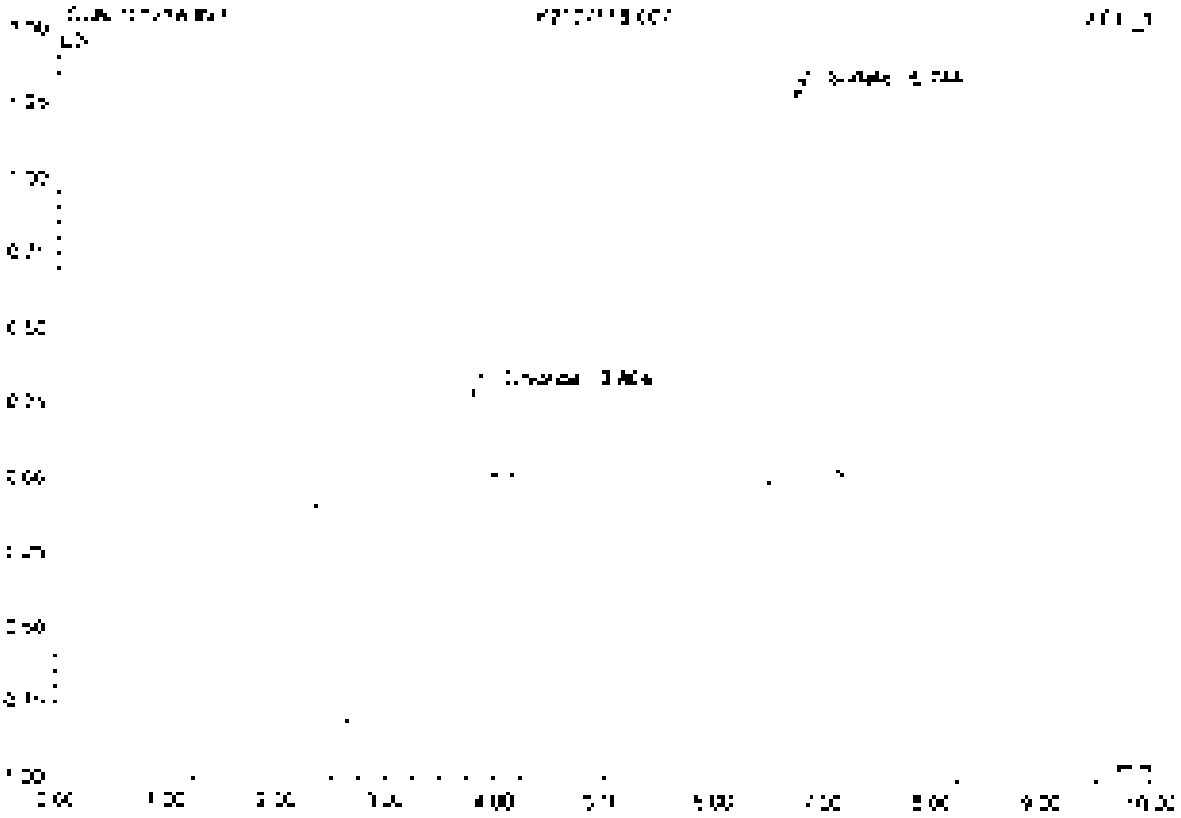
Sample Name	K2107118-006	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Comm. Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	20.0000
Processing Time	3/11/2021 10:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.81	Chlorate	2.132	0.256	2.46	[illegible]	BMB
2	6.08	n.a.	0.043	0.005	0.05	n.a.	BMB
3	6.80	Sulfate	41.804	10.134	97.49	1545.442	BMB
Total:			44.959	10.395	100.00	1545.[illegible]	

27 K2107116-007

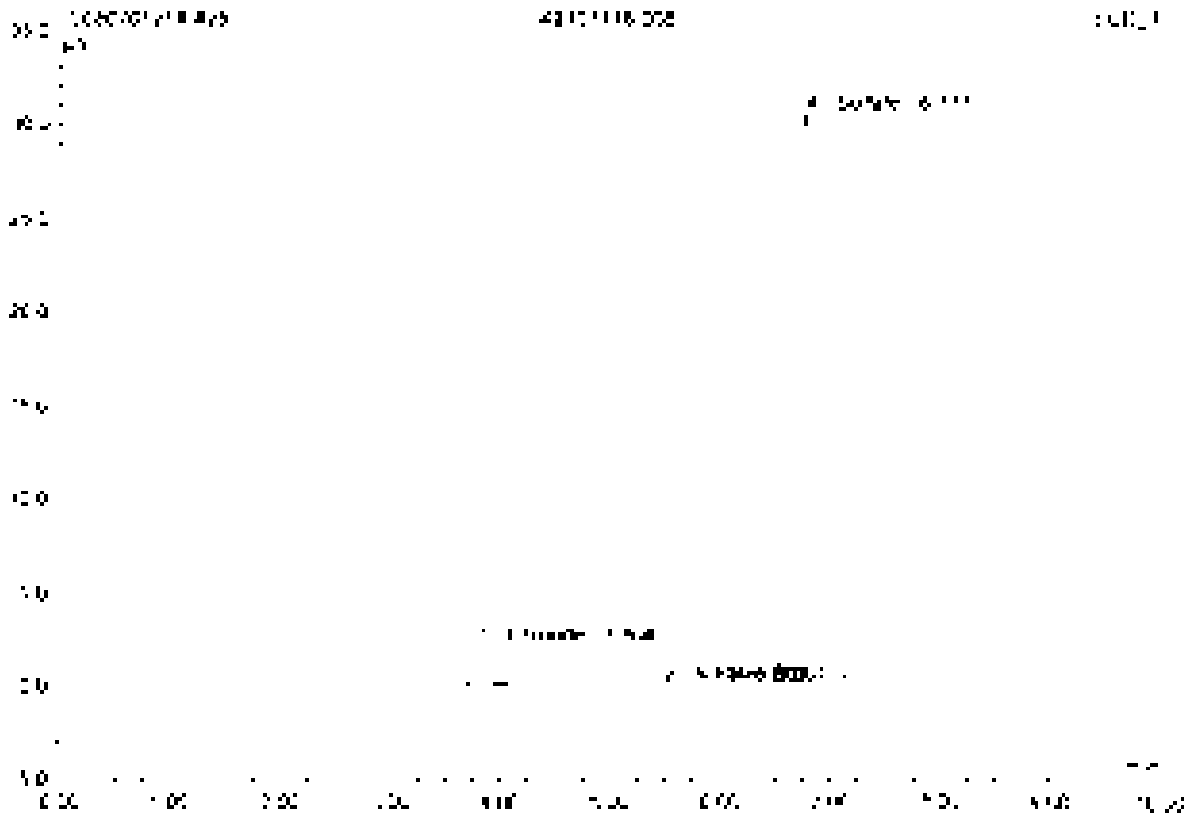
Sample Name	K2107116-007	Injection Volume	25.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	7/1/2021 18:45	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.60	Chloride	[illegible]	[illegible]	11.65	4.351	BMB
2	6.74	Sulfate	[illegible]	[illegible]	88.35	46.404	BMB
Total:			[illegible]	[illegible]	100.00	50.755	

28 K2107118-008

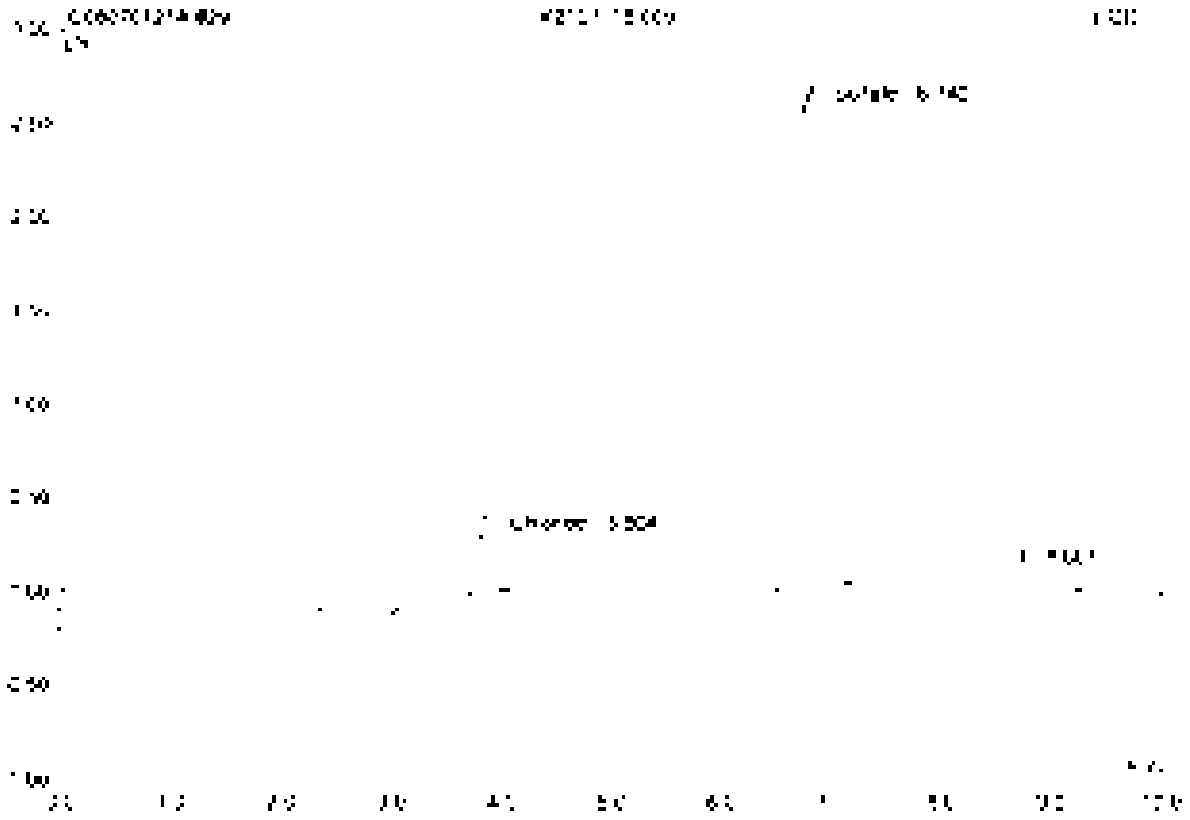
Sample Name	K2107118-008	Injection Volume	25.0
Vial Number	28	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	20.0000
Recording Time	7/1/2021 18:56	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.80	Chloride	2.145	0.258	3.65	25.849	BMB
2	3.50	Nitrate	0.034	0.005	0.08	0.251	BMB
3	6.05	n.a.	0.035	0.007	0.10	n.a.	BMB
4	6.79	Sulfate	30.170	6.808	96.17	1105.322	BVB
Total:			32.384	7.079	100.00	1135.418	

29 K2107118-009

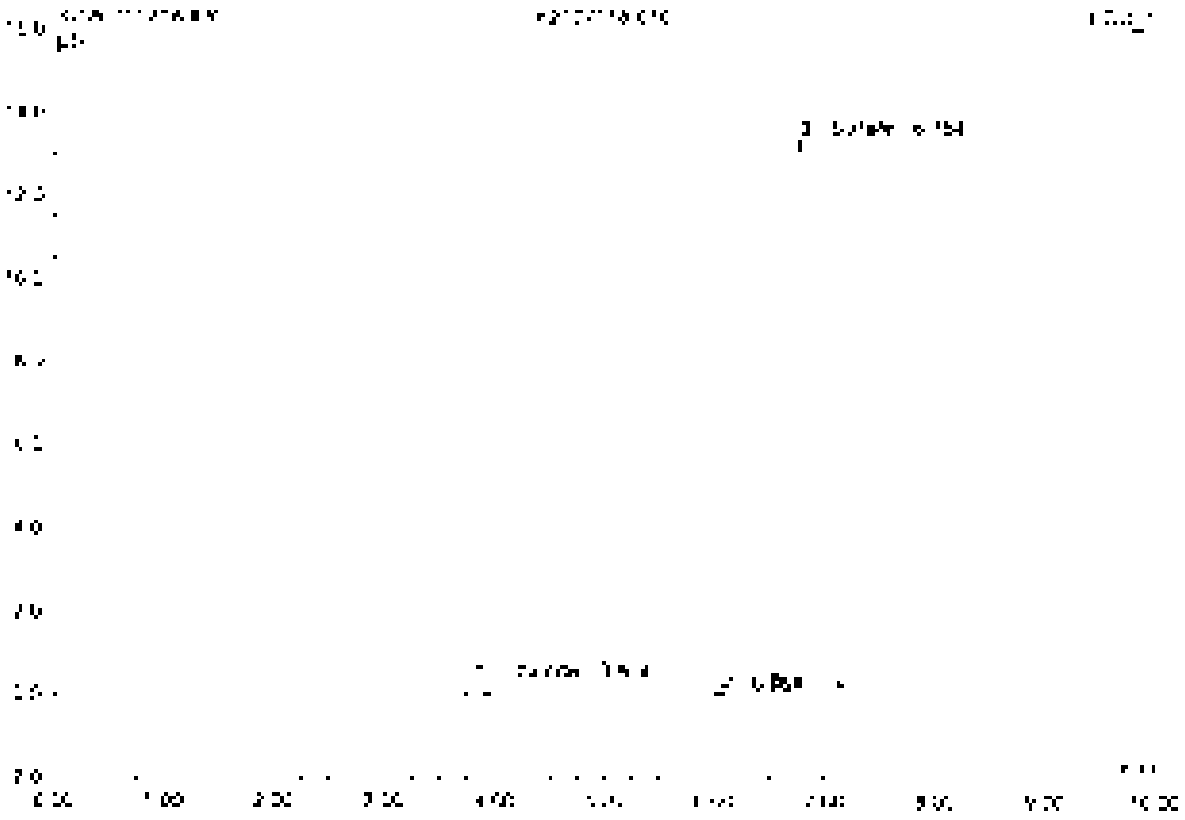
Sample Name	K2107118-009	Injection Volume	35.0
Vial Number	17	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Retention	n.a.
Quant. Method	epa300	Dilution Factor	50.0000
Recording Time	7/1/2021 19:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.80	Chloride	0.217	0.040	5.79	4.615	BMB
2	6.74	Sulfate	2.579	0.549	79.54	89.096	BMB
3	5.67	n.a.	0.115	0.101	14.67	n.a.	BMB
Total:			3.010	0.690	100.00	93.710	

30 K2107118-010

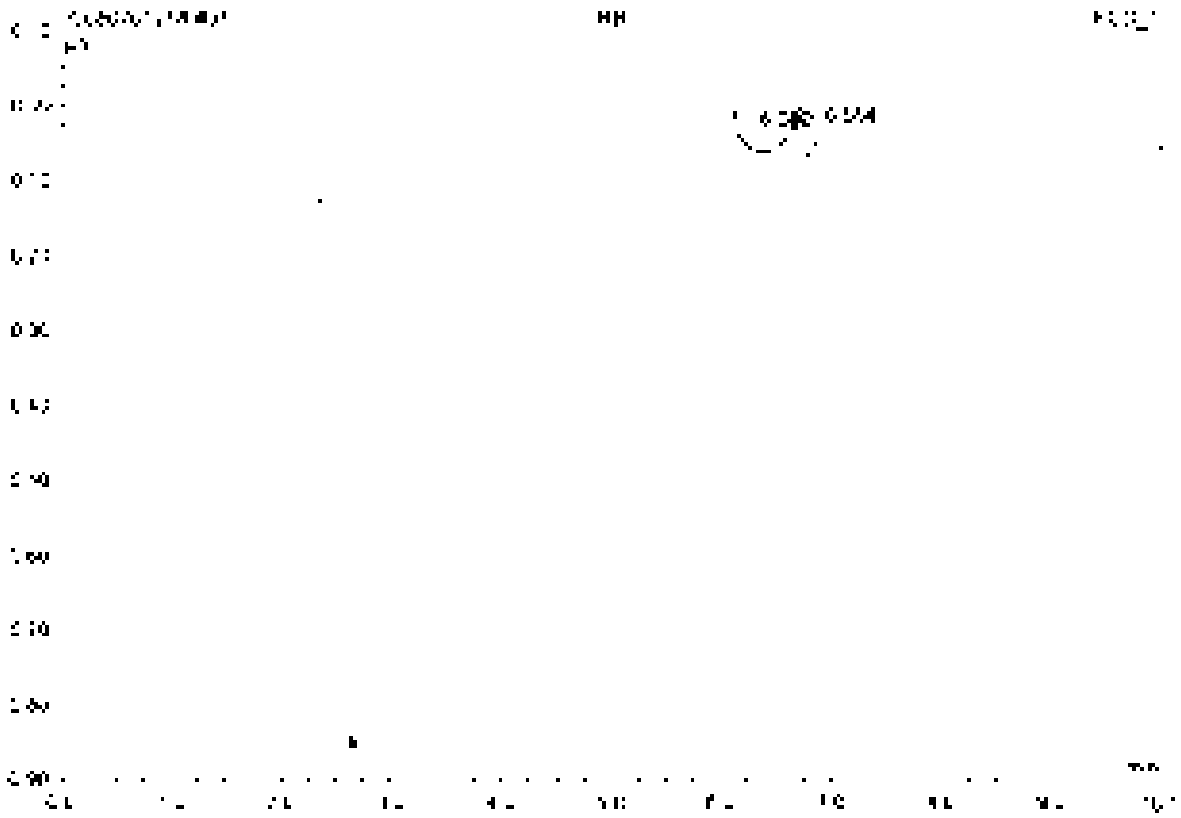
Sample Name	K2107118-010	Injection Volume	35.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	7/1/2021 18:20	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.80	Chloride	0.294	0.035	1.22	4.047	BV B
2	6.56	n.a.	0.035	0.013	0.51	n.a.	BV B
3	6.75	Sulfate	10.280	2.824	98.45	458.491	BV B
Total:			10.609	2.868	100.00	462.537	

31 RB

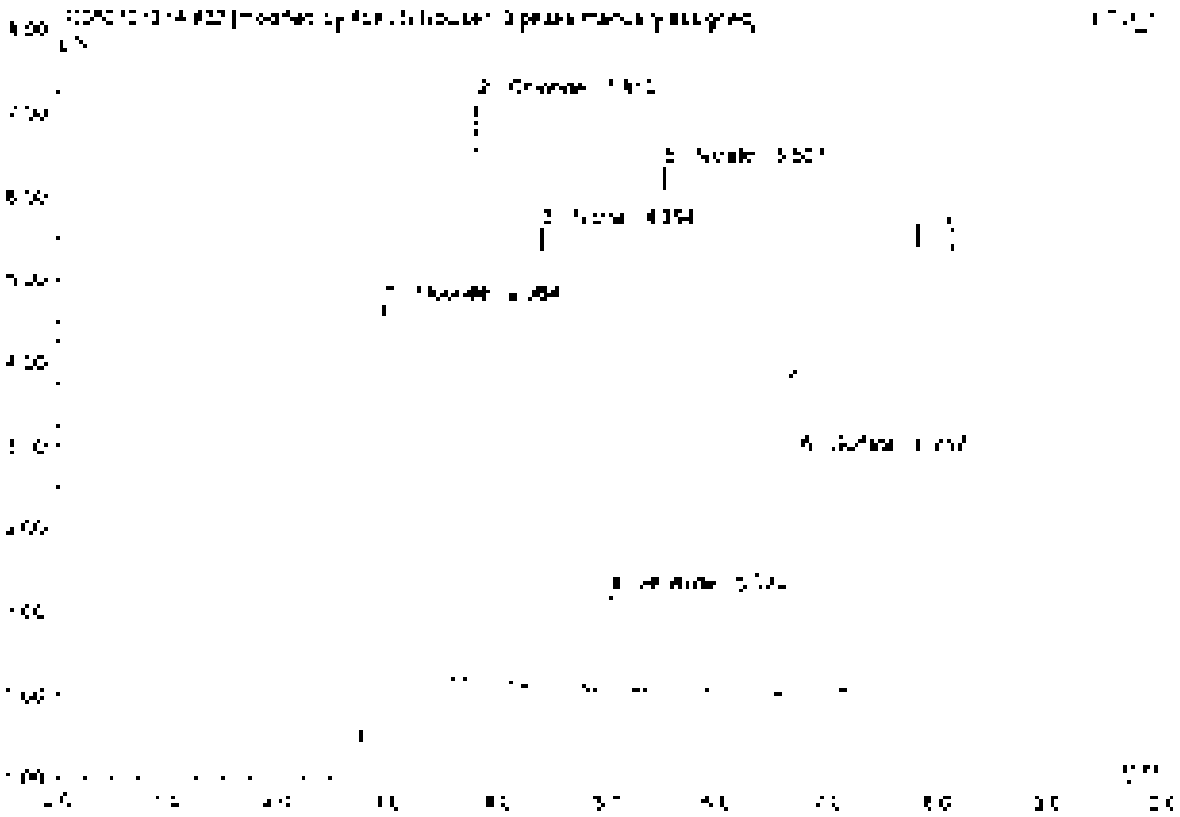
Sample Name	RB	Injection Volume	25.0
Vial Number	50	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Barometer	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	7/1/2021 19:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.08	n.a.	0.089	[illegible]	89.51	n.a.	BMB
2	6.66	n.a.	0.008	0.006	0.47	n.a.	BMB
Total:			[illegible]	[illegible]	100.00	0.000	

32 CCV3

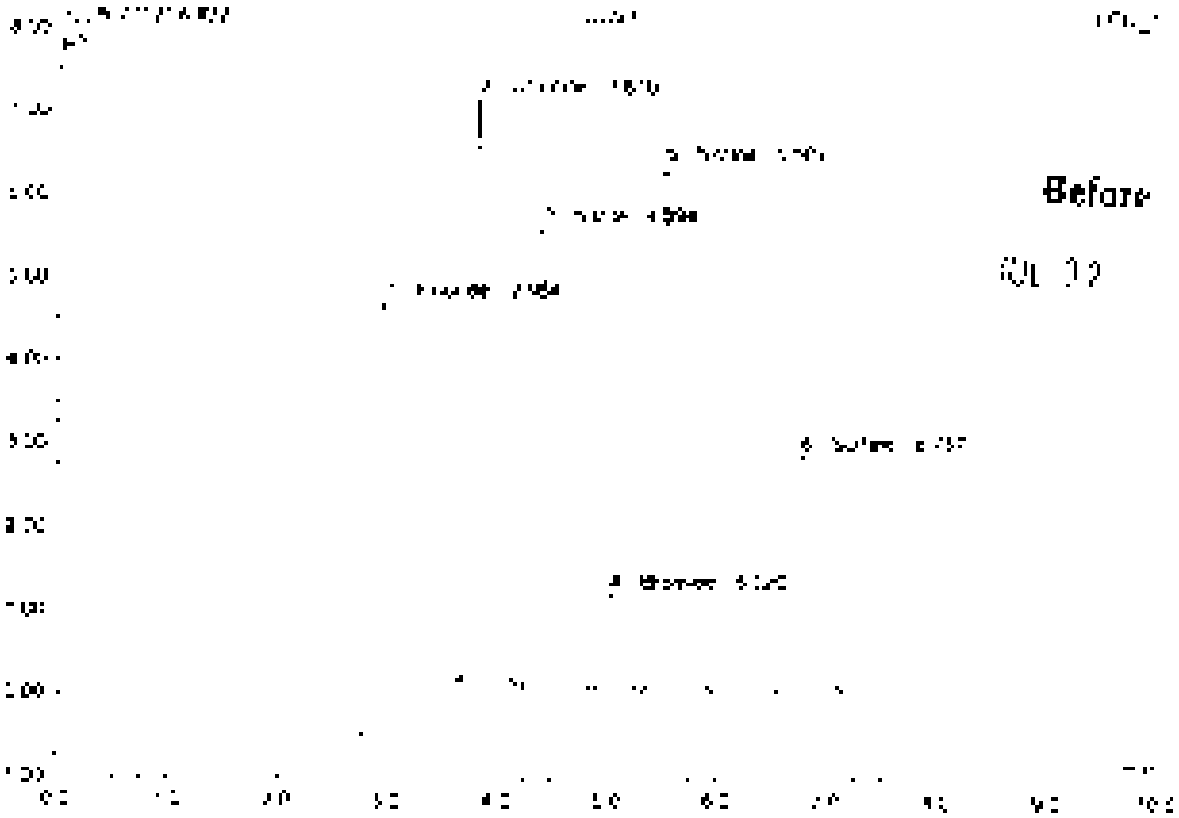
Sample Name	CCV3	Injection Volume	25.0
Vial Number	48	Channel	UCD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	7/1/2021 18:45	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	5.072	1.197	26.55	4.766	BMB*
2	3.67	Chloride	7.006	0.822	17.54	4.749	BMB*
3	4.39	Nitrite	5.525	0.679	15.06	2.470	BVB
4	5.02	Bromide	1.164	0.168	3.58	2.302	BVB*
5	5.41	Nitrate	6.311	1.024	21.84	2.400	BVB*
6	6.76	Sulfate	2.866	0.597	12.74	4.848	BVB*
Total			27.952	4.687	100.00	21.531	

32 CCV3

Sample Name	CCV3	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n/a
Control Program	epa300	Bandwidth	n/a
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	7/1/2021 19:43	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	5.095	[illegible]	26.21	4.936	BMB
2	3.81	Chloride	7.836	0.922	17.39	4.749	BMB
3	4.39	Nitrite	5.539	0.979	18.50	2.470	BMB
4	5.02	Bromide	1.154	0.168	3.54	2.362	BMB
5	5.51	Nitrate	5.317	1.024	21.54	2.432	BMB
6	5.76	Sulfate	2.850	0.947	19.63	4.848	BMB
Total			27.973	4.729	100.00	21.799	

Default Integration

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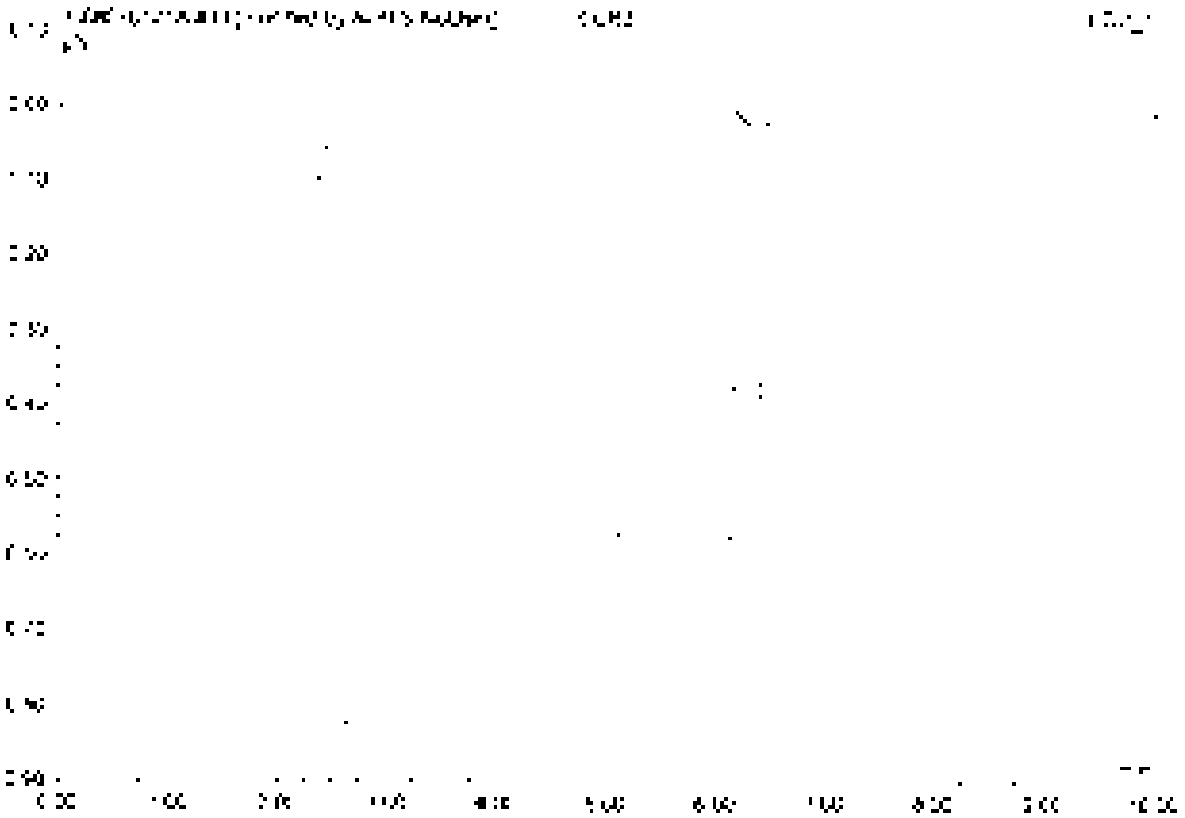
Version 6.80 SR1 Build 3303 (1.96279)

33 CCB3

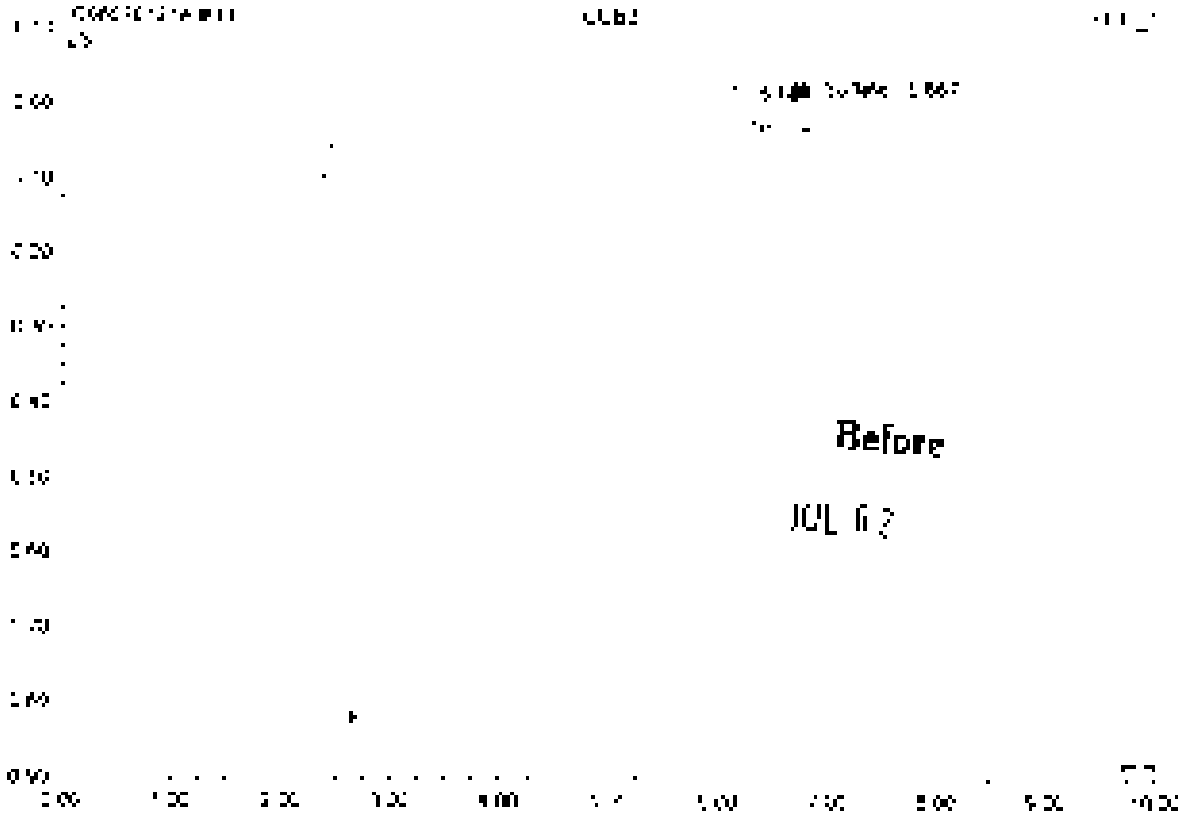
Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Operator Method	apa300	Dilution Factor	1.0000
Processing Time	7/1/2021 12:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

33 CCB3

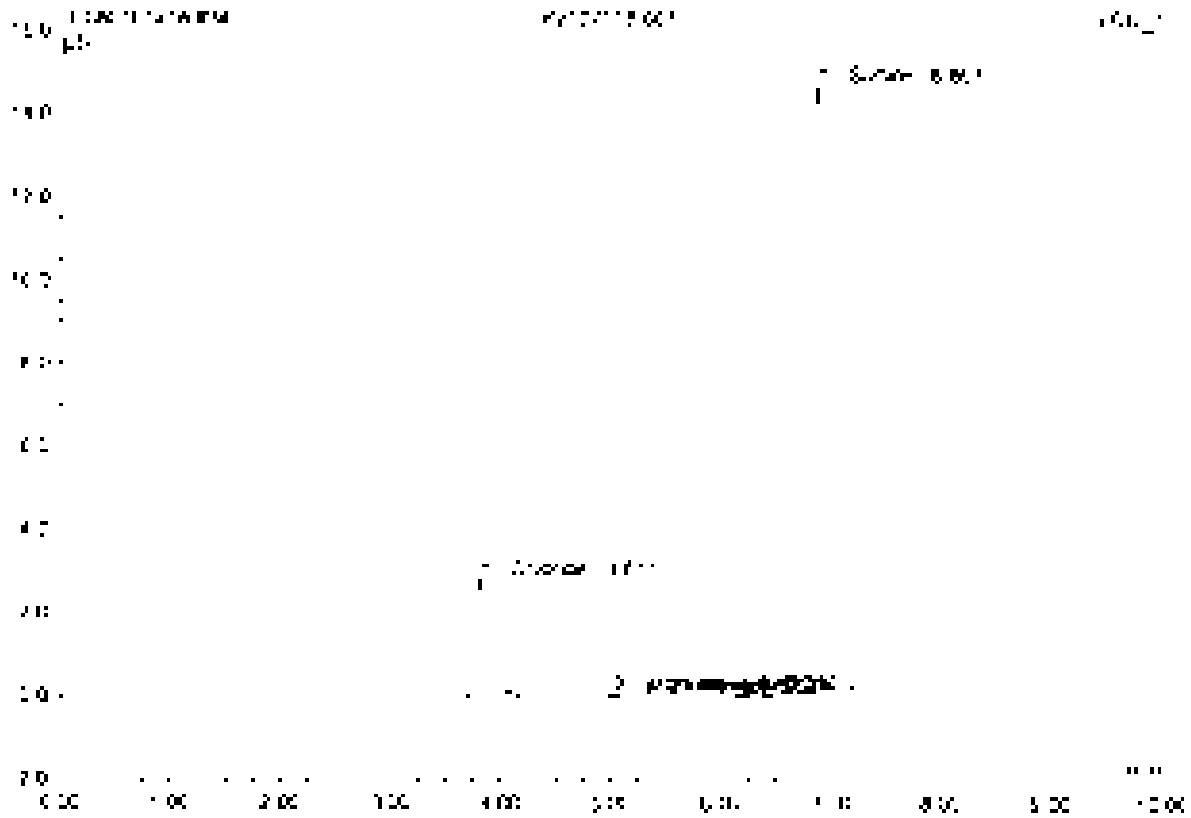
Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	7/1/2021 19:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	6.09	n.a.	0.095	1.392	99.51	n.a.	BMb
2	6.57	Sulfate	0.040	0.007	0.49	0.056	BMB
Total:			0.135	1.399	100.00	0.056	

34 K2107118-001

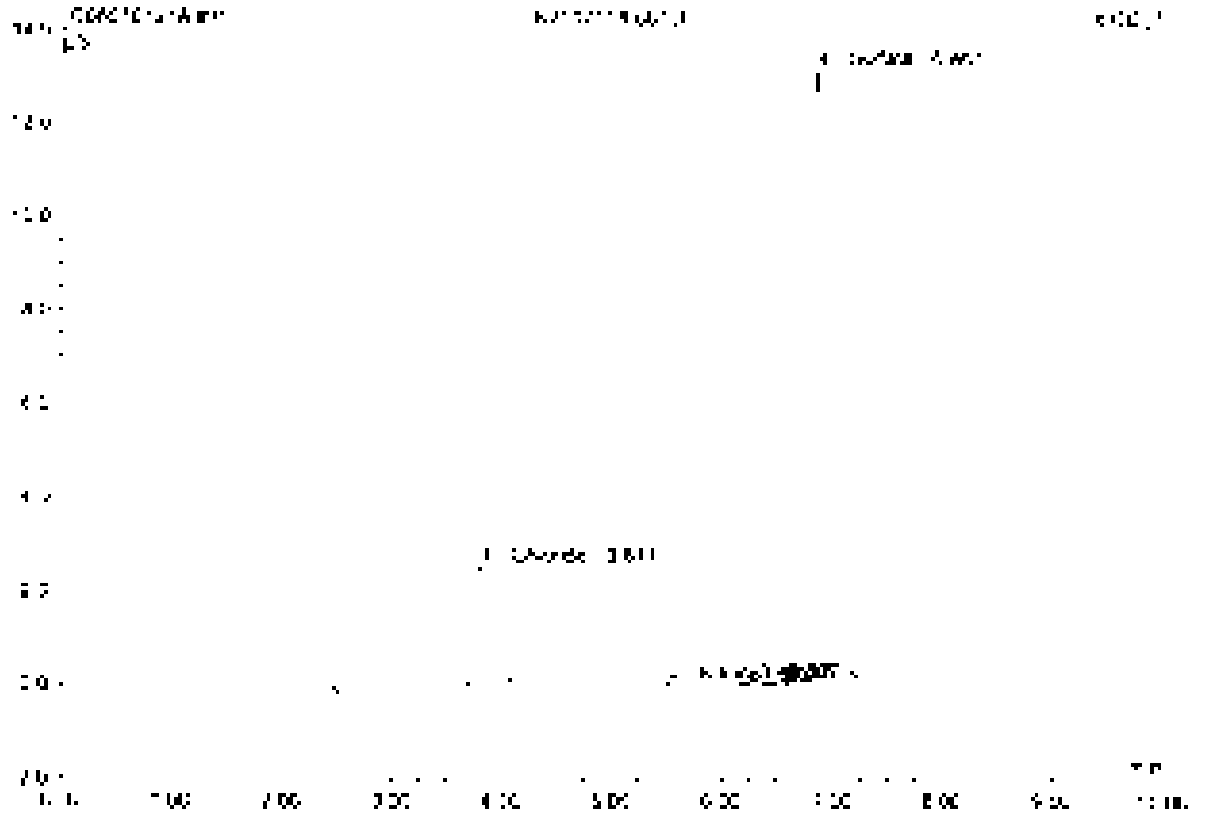
Sample Name	K2107118-001	Injection Volume	25.0
Vial Number	19	Channel	CGD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/2/2021 14:32	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.81	Chloride	2.181	0.342	11.73	3.552	BMB
2	5.03	Bromide	0.096	0.006	0.17	0.155	BMB
3	1.52	Nitrate	0.021	0.009	0.28	0.043	BMB
4	6.32	n.a.	0.063	0.070	2.41	n.a.	BMB
5	6.85	Sulfate	14.552	2.612	89.30	45.634	BMB
Total:			17.451	2.939	100.00	49.834	

35 K2107118-001D

Sample Name	K2107118-001D	Injection Volume	35.0
Vial Number	29	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/8/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.8[illegible]	Chloride	2.520	0.308	[illegible]	[illegible]	BMB
2	5.50	Nitrate	0.023	0.0[illegible]	0.36	0.048	BMB
3	6.03	n.a.	0.055	0.0[illegible]7	0.59	n.a.	BMB
4	6.85	Sulfate	10.022	2.520	80.28	40.5[illegible]3	BMB
Total:			[illegible]5.620	2.854	100.00	[illegible]	

Data Integration

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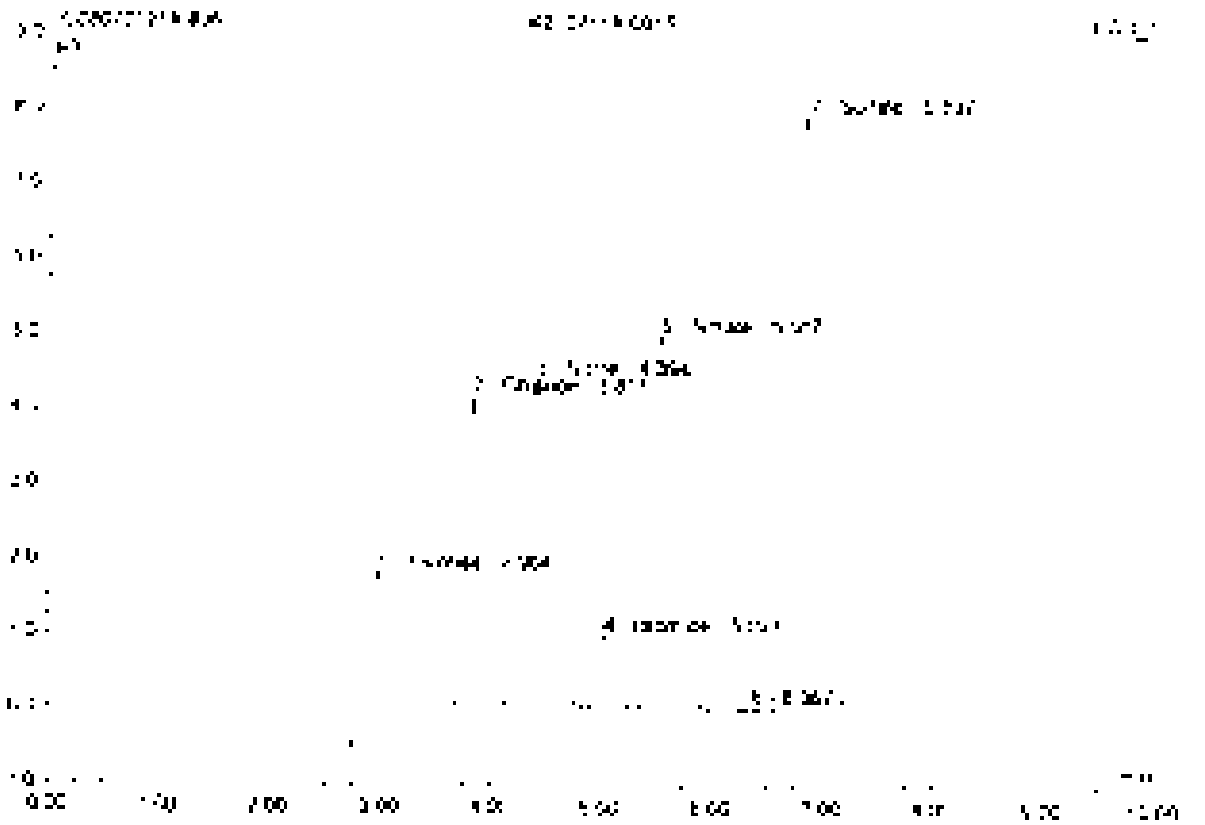
38 K2107118-001S

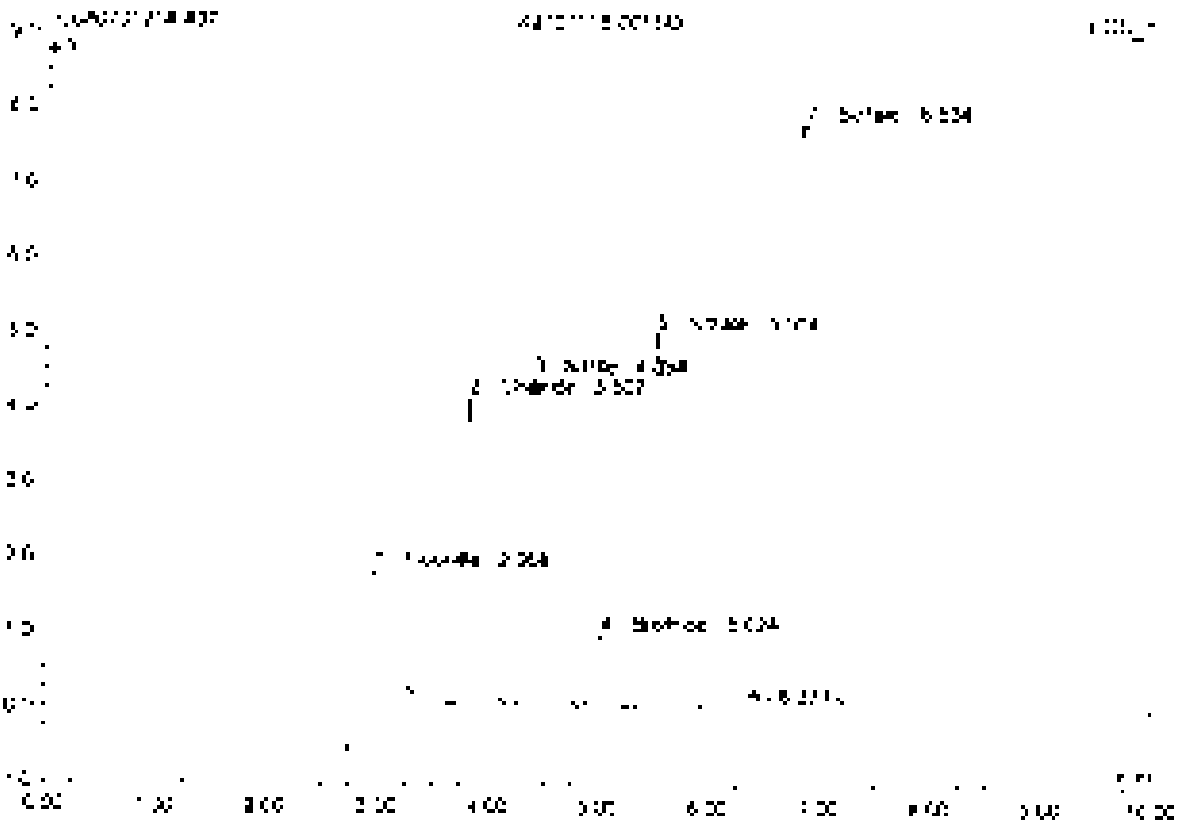
Sample Name	K2107118-001S	Injection Volume	2.0
Vial Number	21	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Method Program	epa300	Bandwidth	n.a.
Method Number	epa300	Dilution Factor	4.0000
Recording Time	7/2/2021 11:55	Sample Weight	1.0000
Run Time (min)	60.00	Sample Amount	1.0000



No	RelTime min	Peak Name	Height µS	Area µS*min	RelArea %	Amount	Type
1	2.96	Fluoride	2.726	0.610	13.96	9.711	BMB
2	3.81	Chloride	4.109	0.485	11.32	17.425	BVB
3	4.39	Nitrite	4.367	0.537	15.56	7.831	BVB
4	5.03	Bromide	0.950	0.140	3.20	7.677	BVB
5	5.52	Nitrate	4.932	0.828	18.94	7.868	BMB
6	6.17	n.a.	0.024	0.006	0.14	n.a.	BMB
7	6.84	Sulfate	7.863	1.565	35.81	51.757	BVB
Total:			24.490	4.369	100.00	96.510	

37 K2107118-001SD

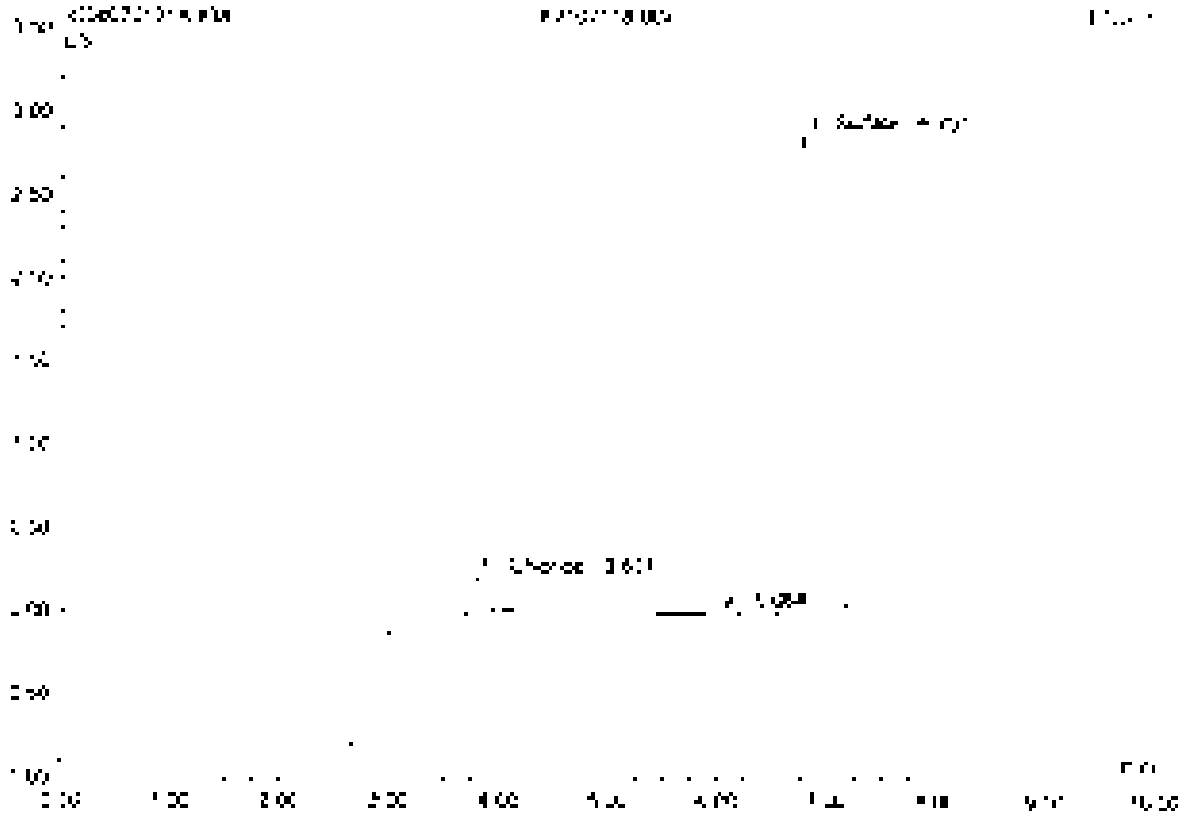
Sample Name	K2107118-001SD	Injection Volume	25 µ
Vial Number	22	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	4.0000
Processing Time	7/2/2021 12:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	2.248	0.612	14.07	9.755	BMB
2	3.81	Chloride	4.089	0.492	11.32	11.381	BMB
3	4.30	Nitrite	4.395	0.700	15.55	7.870	BMB
4	5.02	Bromide	0.554	0.140	3.22	7.690	BMB
5	5.51	Nitrate	4.980	0.830	19.12	7.913	BMB
6	6.31	[illegible]	0.922	0.085	2.10	n.a.	BMB
7	6.50	Sulfate	[illegible]	1.570	36.07	50.592	BMB
Total:			24.442	4.353	100.00	95.800	

38 K2107118-002

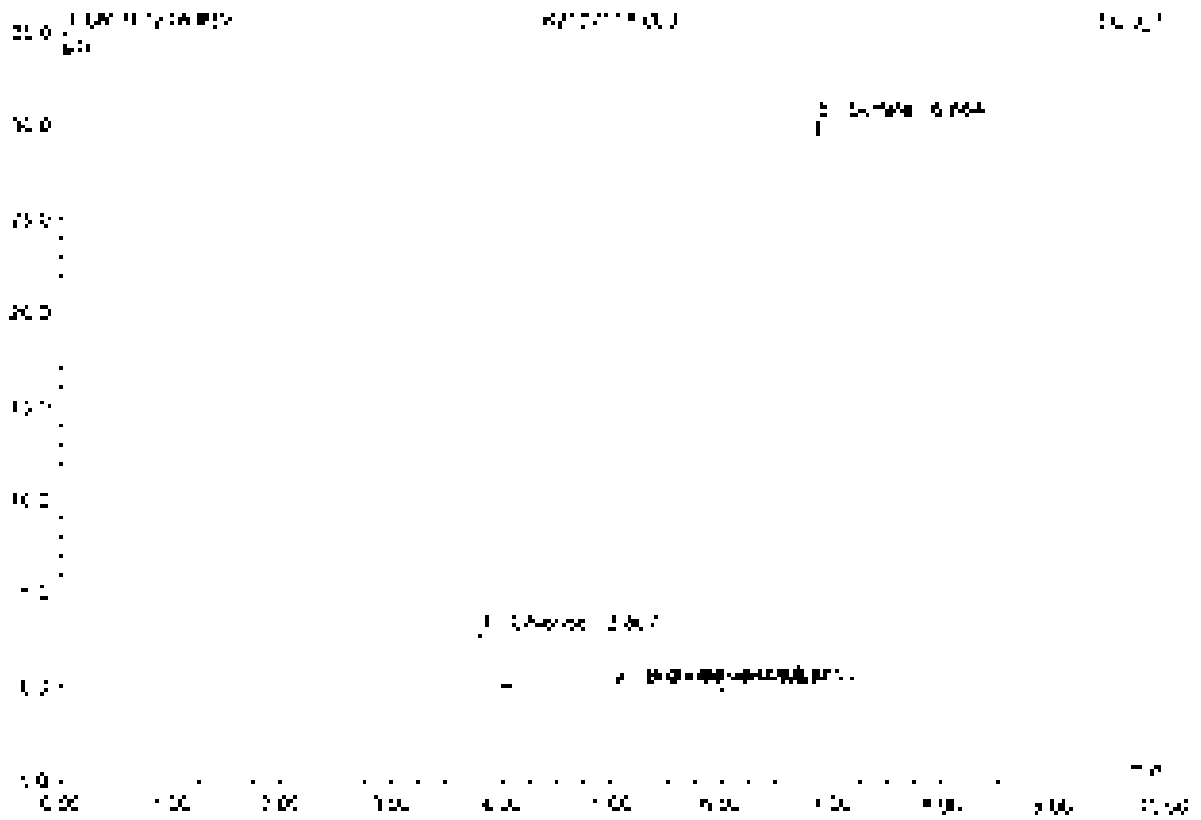
Sample Name	K2107118-002	Injection Volume	39.0
Vial Number	38	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	200.0000
Processing Time	7/2/2021 12:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.81	Cr(VI)40	0.222	0.029	4.89	33.704	BMB
2	6.06	n.a.	0.031	0.013	2.07	n.a.	BMB
3	6.79	Sulfate	2.860	0.505	93.05	986.825	BMB
Total:			3.112	0.550	100.00	1020.529	

39 K2107118-003

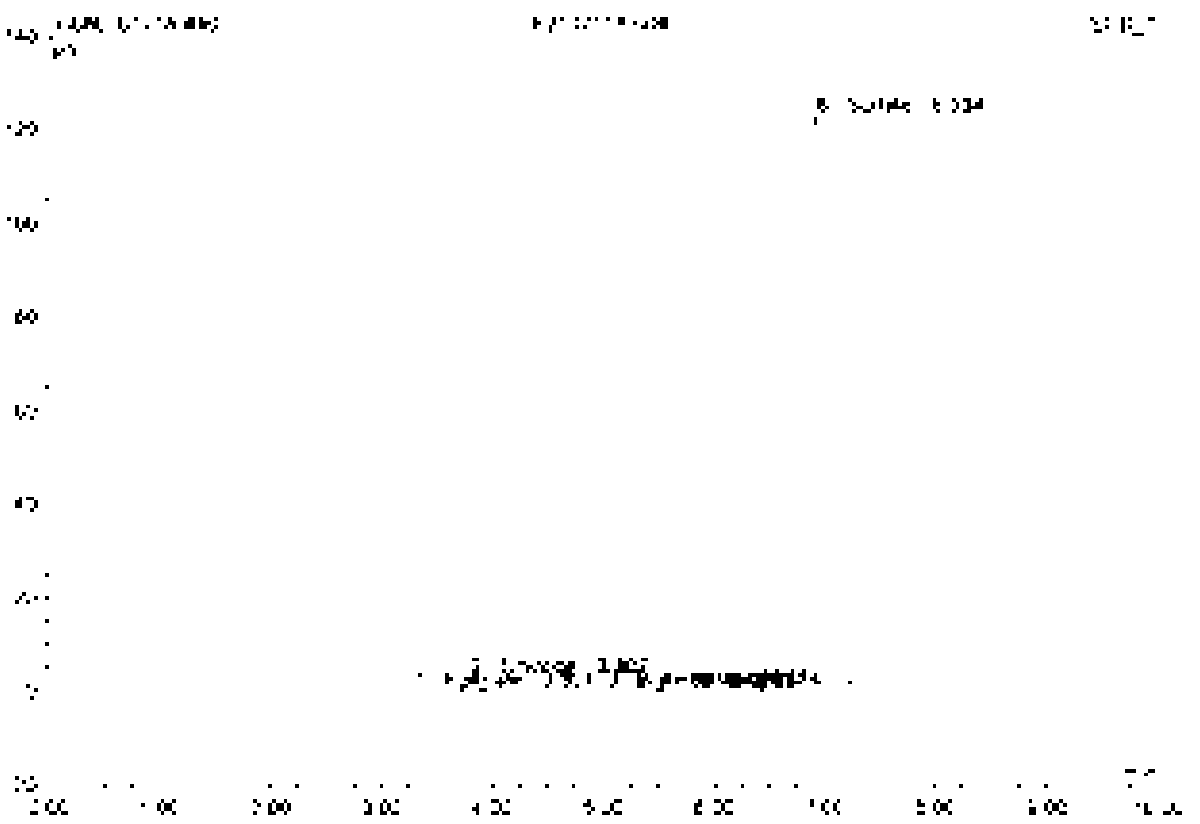
Sample Name	K2107118-003	Injection Volume	25.0
Vial Number	24	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/2/2021 12:30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.67	Chloride	2.508	0.330	5.57	4.039	BV9
2	5.02	Bromide	0.036	0.004	0.08	0.142	BMb
3	5.52	Nitrate	0.060	0.015	0.24	0.072	BMb
4	6.37	n.a.	0.033	0.005	0.15	n.a.	BMb
5	9.06	Sulfate	29.974	5.555	93.95	35.712	BMB
Total:			32.565	5.914	100.00	39.972	

40 K2107118-004

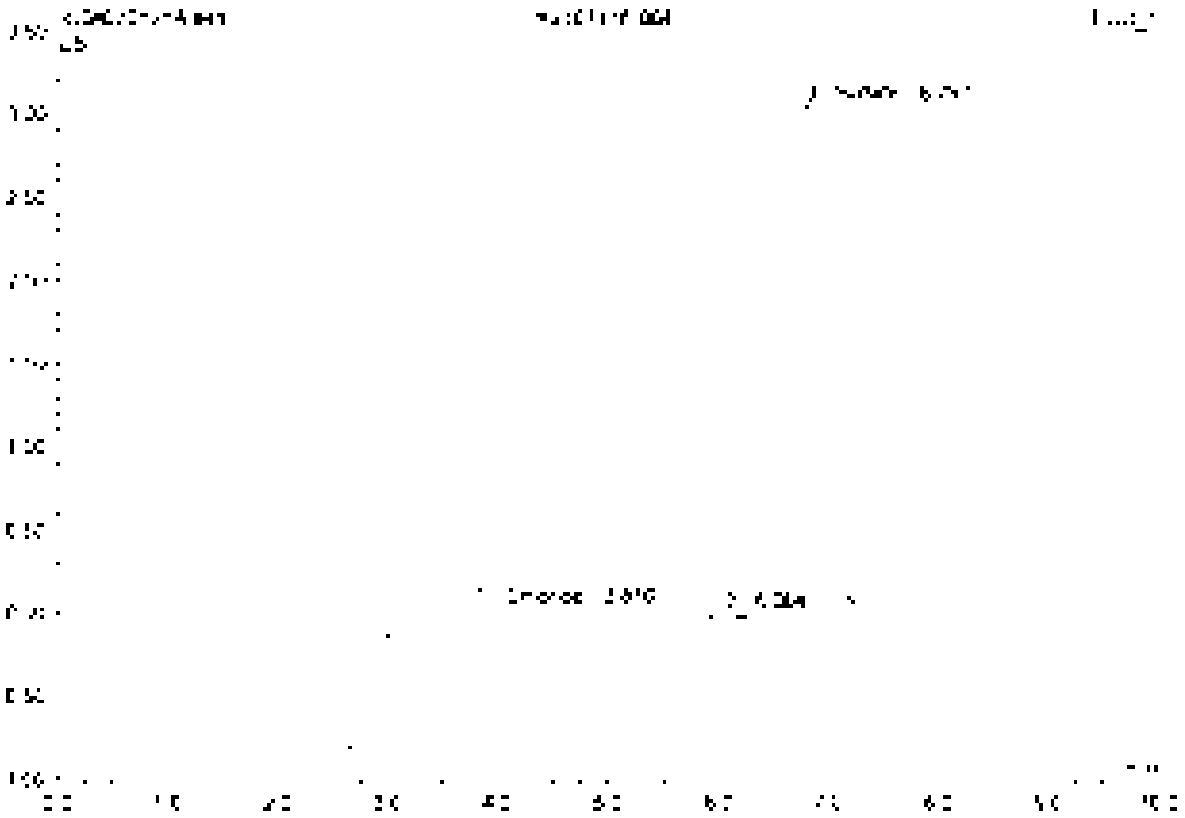
Sample Name	K2107118-004	Injection Volume	25.0
Vial Number	26	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/2/2021 12:42	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.30	Fluoride	0.279	0.209	0.55	n.a.	BMB
2	3.51	Chloride	0.837	0.345	0.91	3.985	BMB
3	5.02	Bromide	0.037	0.055	0.01	0.155	BV B
4	5.57	Nitrite	0.274	0.046	0.12	0.219	BV B
5	6.10	Nitrate	0.067	0.012	0.03	n.a.	BV B
6	6.93	Sulfate	121.467	37.367	98.39	642.361	BV B
Total:			124.959	37.599	100.00	646.421	

41 K2107118-004

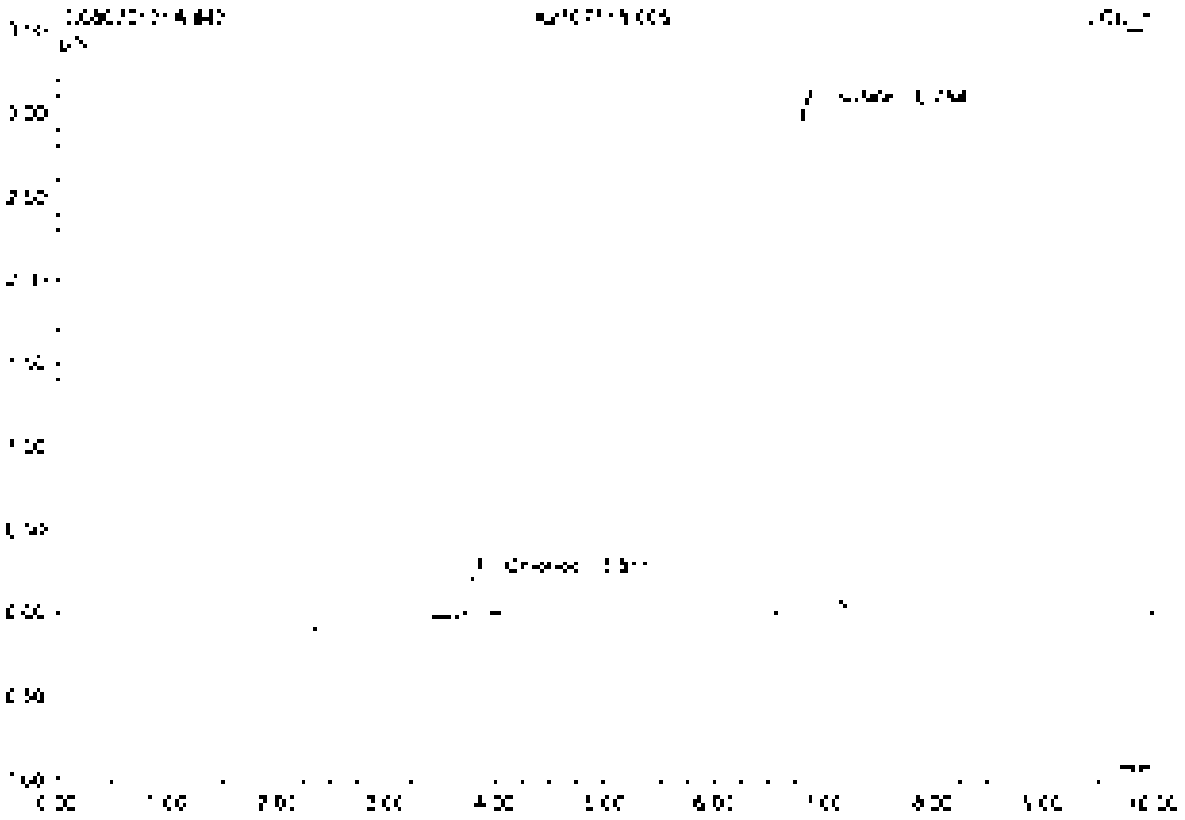
Sample Name	K2107118-004	Injection Volume	25.0
Vial Number	36	Column	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	100.0000
Processing Time	7/2/2021 12:51	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.91	Chloride	0.536	[illegible]	59.50	585.599	BMB
2	6.36	n.a.	0.026	0.037	0.42	n.a.	BVB
3	6.50	Sulfate	0.039	0.681	39.59	552.534	BVB
Total:			0.600	[illegible]	100.00	1138.232	

42 K2107118-005

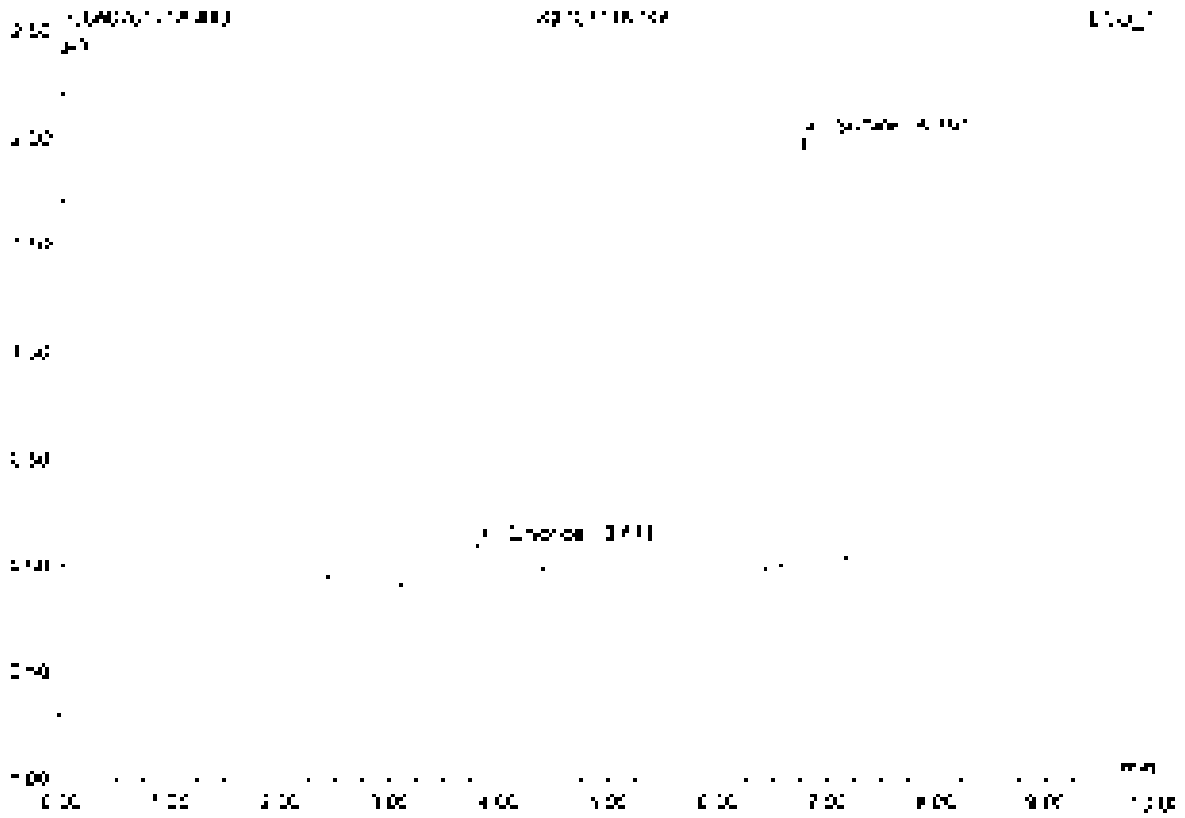
Sample Name	K2107118-005	Injection Volume	35.0
Vial Number	37	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Method Method	epa300	Dilution Factor	200.0000
Recording Time	7/2/2021 13:05	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.67	Chlorate	0.227	0.032	4.79	[illegible]	BV S
2	5.75	Sulfate	3.017	0.639	95.21	1036.911	BV S
Total:			3.244	0.671	100.00	1074.922	

43 K2107118-006

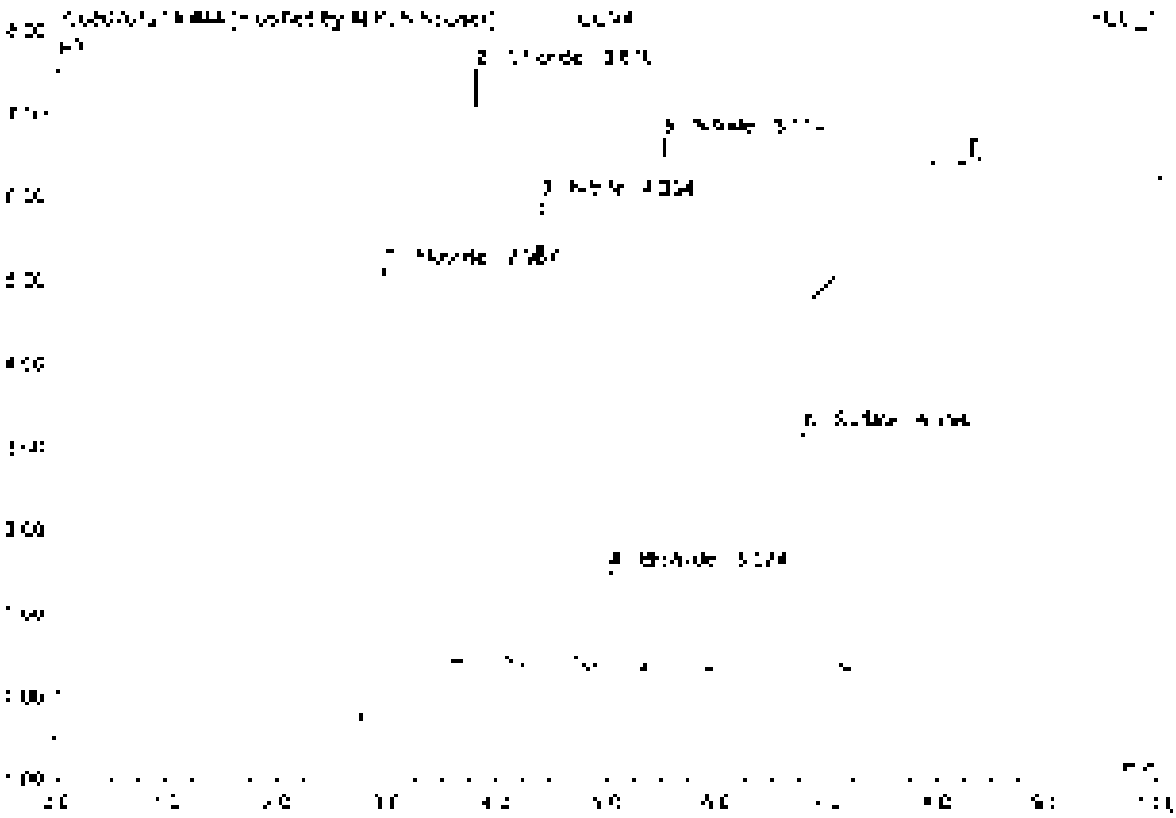
Sample Name	K2107118-006	Injection Volume	25.0
Vial Number	28	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	400.0000
Recording Time	7/2/2021 11:17	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.8[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	6.79	Sulfate	1.996	[illegible]	[illegible]	[illegible]	BMB
Total			[illegible]	[illegible]	[illegible]	[illegible]	

44 CCV4

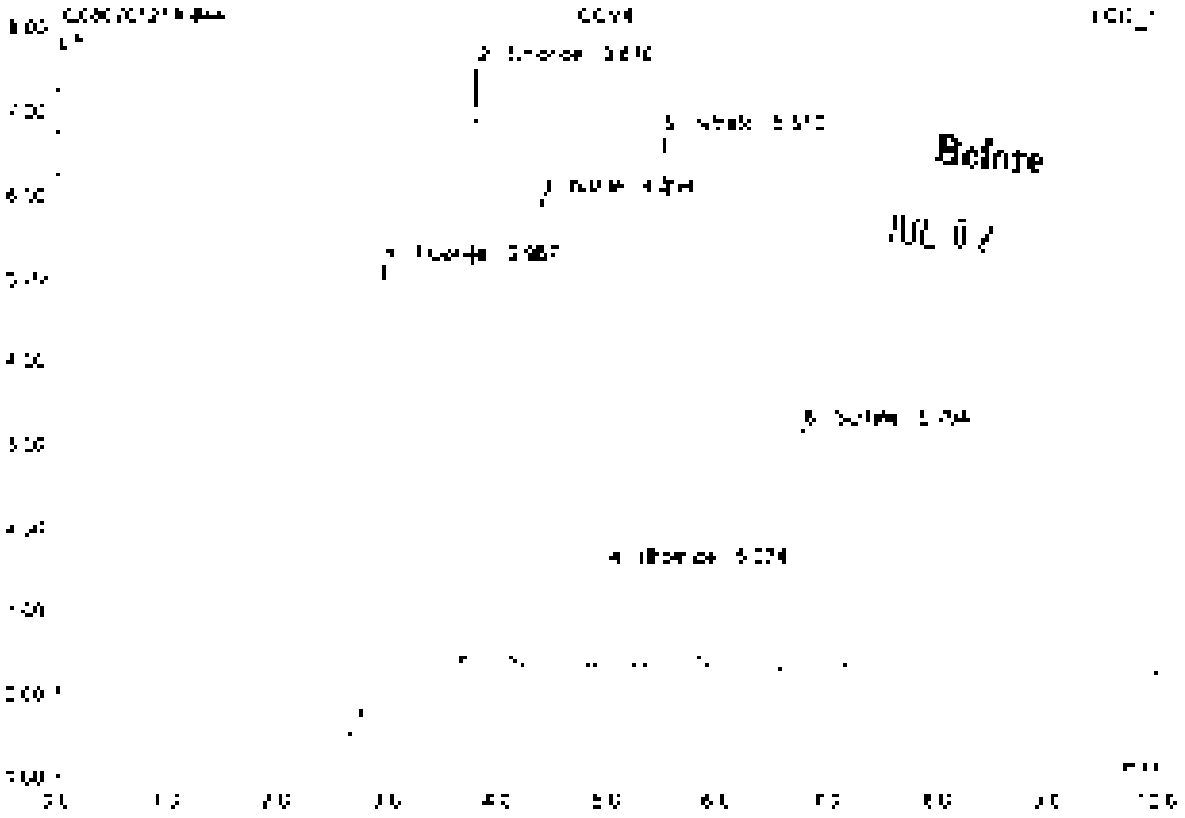
Sample Name	CCV4	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/2/2021 14:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.97	Fluoride	5.260	1.261	26.29	5.022	BMB*
2	3.81	Chloride	7.128	0.830	17.36	4.670	BMB*
3	4.20	Nitrite	5.626	0.896	18.55	2.501	BMB
4	5.02	Bromide	1.180	0.170	3.54	2.396	BMB
5	5.51	Nitrate	6.394	1.039	21.62	2.469	BMB
6	6.78	Sulfate	2.005	0.605	12.62	4.515	BMB
Total:			28.475	4.798	100.00	22.113	

44 CCV4

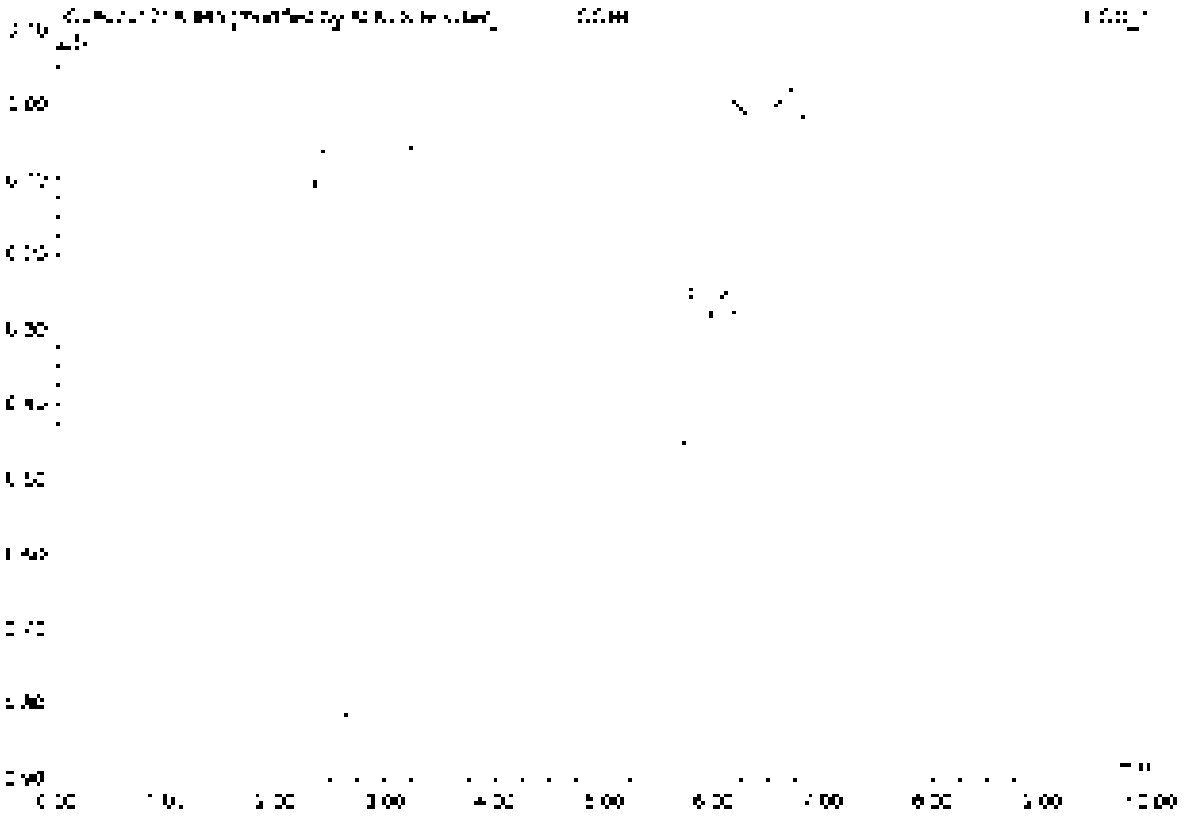
Sample Name	CCV4	Injection Volume	20.0
Vial Number	44	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Processing Time	7/12/2021 14:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.57	Fluoride	5.279	1.290	25.72	5.136	BVB
2	3.81	Chloride	7.725	0.813	16.25	4.810	BMB
3	4.38	Nitrite	5.626	0.890	18.44	2.501	BMB
4	5.02	Bromide	1.180	0.170	3.57	2.196	BMB
5	5.51	Nitrate	6.294	1.030	21.52	2.469	BMB
6	6.79	Sulfate	2.885	0.605	12.54	4.915	BMB
Total			28.490	4.827	100.00	22.227	

45 CCB4

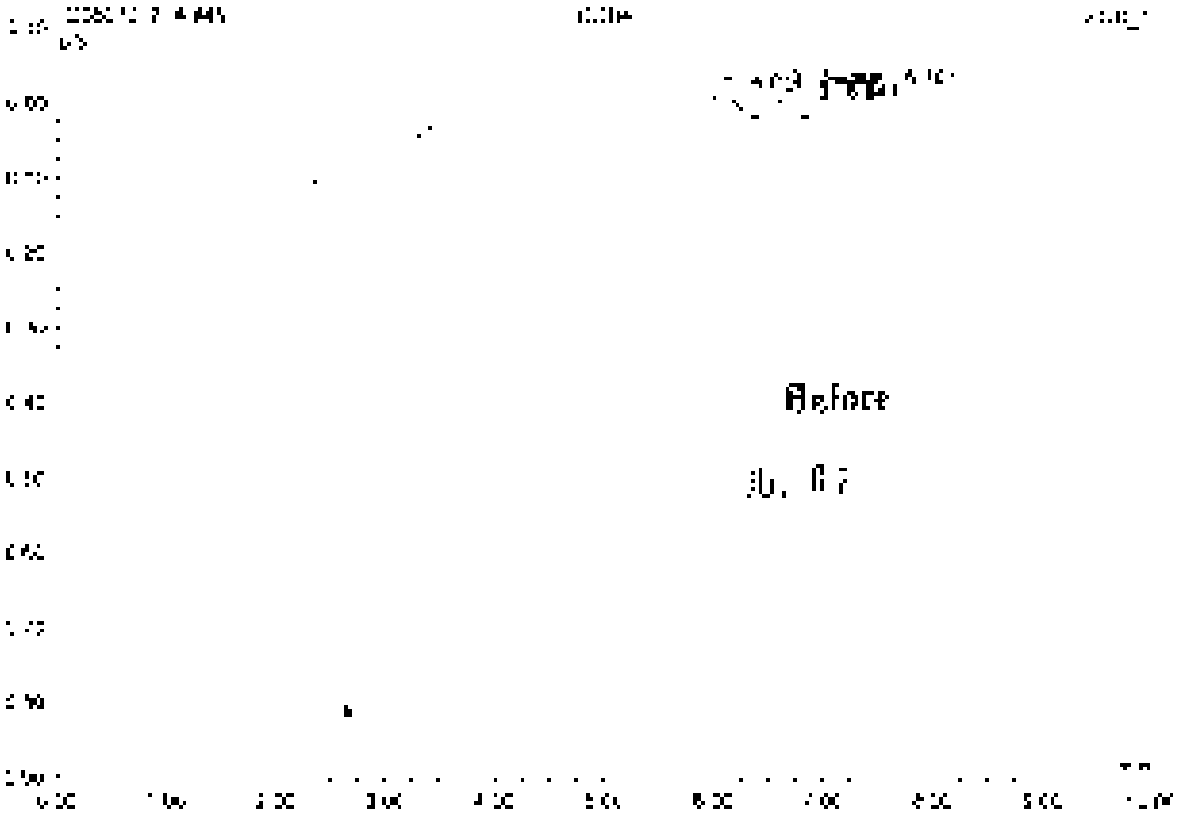
Sample Name	CCB4	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n/a
Control Program	epa300	Bandwidth	n/a
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	7/2/2021 14:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

45 CCB4

Sample Name	CCB4	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spe300	Bandwidth	n.a.
Quantit. Method	spe400	Dilution Factor	1.0000
Recording Time	7/2/2021 14.19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	5.07	n.a.	0.044	1.374	98.85	n.a.	BMB
2	5.70	Sulfate	0.038	0.007	0.53	0.060	BMB
3	6.98	n.a.	0.015	0.005	0.62	n.a.	BMB
Total			0.102	1.391	100.00	0.060	

Yes No N/A

Comments

1. Has original chromatogram been reviewed?
2. Are [illegible] within acceptable limits?
3. Were peaks manually integrated?
   a. Does DSQ QUANT agree?
4. Are selected ions correct?
5. Are calibration curves acceptable?
   a. Method Blank, CCV, CCB, LCS, Lab and Field Blanks analyzed at the proper frequency?
   b. Are CCV and CCB within acceptance limits?
   c. Are results for Method Blank and LCS [illegible]
   d. Are all QC samples within acceptance limits? (LCS, Lab and Field Blanks, Surrogate Recoveries, etc.)
   e. Are all analytical requirements met?
6. Are all samples data accurately?

EPA Standard Identification Codes and Abbreviated Descriptions for Chromatograms

S1 Sample was analyzed past the end of recommended holding time. See footer for [illegible]
S2 Sample was analyzed past the end of recommended holding time. [illegible] performed within recommended holding time
S3 Sample was received past the end of recommended holding time
R1 High RPD. [illegible]
1 MRL [illegible]
1 Sample [illegible]

LCS	ALS [illegible]	300	[illegible]
Fluoride	True Value=5.0ppm		[illegible]
Chloride	True Value=5.0ppm		[illegible]
Nitrite	True Value=5.0ppm		[illegible]
Bromide	True Value=5.0ppm		[illegible]
Nitrate	True Value=5.0ppm		[illegible]
Sulfate	True Value=5.0ppm		[illegible]

CCV	ALS [illegible]	300	[illegible]
Fluoride	True Value=5.0ppm		[illegible]
Chloride	True Value=5.0ppm		[illegible]
Nitrite	True Value=5.0ppm		[illegible]
Bromide	True Value=5.0ppm		[illegible]
Nitrate	True Value=5.0ppm		[illegible]
Sulfate	True Value=5.0ppm		[illegible]

Spike

500 ppm	ALS [illegible]	300	[illegible]
Fluoride	[illegible]		
Chloride	[illegible]		
Nitrite	[illegible]		
Bromide	[illegible]		
Nitrate	[illegible]		
Sulfate	[illegible]		

Comments

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	

Analyst Initials: Date: [illegible]

2nd Reviewer Initials: Date: [illegible]

Final Reviewer: Date: [illegible]

Laboratory Director:

Analytical Results Summary

Instrument Name: [illegible] Analyte: [illegible] Analysis Lot: [illegible] Method Timecode: [illegible]

Lab Code	Parent Analysis	QC	Parent Sample	Matrix	Raw Result	Sample Set	Final Result	DL	MDL	PQL	% Rec	% RSD	Date Analyzed	QLT	Year
[illegible]	[illegible]	N/A		Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	N/A		Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
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[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
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[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
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[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
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[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
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[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Treated Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Reference: [illegible]

Lab Code	Target Analyte	DL	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DF	MDL	PQL	Spike	Spike%	Date Analyzed	QC?	Inc
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	I
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]						[illegible]	N	I
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Transcode: [illegible]

Lab Code	Target Analyte	QC	Extract Number	Matrix	Raw Result	Sample Amt	Final Result	DF	MDL	PQL	% Rec	% RSD	Date Analyzed	QC Flag	Lab
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible] Analysis Summary [illegible]

Operator

Site

Database

Location

Template

Standard

Created

Last Updated

No.	Name	Type	Proc.	Prog.	Method	Status	Date/Time
1	STD1 1V1	Standard	1	25.0	epa300	Finished	[illegible]
2	STD2 1V12	Standard	2	25.0	epa300	Finished	[illegible]
3	STD3 1V13	Standard	3	25.0	epa300	Finished	[illegible]
4	STD4 1V14	Standard	4	25.0	epa300	Finished	[illegible]
5	STD5 1V15	Standard	5	25.0	epa300	Finished	[illegible]
6	STD6 1V16	Standard	6	25.0	epa300	Finished	[illegible]
7	STD7 1V17	Standard	7	25.0	epa300	Finished	[illegible]
8	STD8 1V18	Standard	8	25.0	epa300	Finished	[illegible]
9	CCV1	Unknown	41	25.0	epa300	Finished	[illegible]
10	CCB1	Unknown	41	25.0	epa300	Finished	[illegible]
11	CCV2	Unknown	2	25.0	epa300	Finished	[illegible]
12	MB1	Unknown	1	25.0	epa300	Finished	[illegible]
13	[illegible]	Unknown	2	25.0	epa300	Finished	[illegible]
14	[illegible]	Unknown	4	25.0	epa300	Finished	[illegible]
15	[illegible]	Unknown	5	25.0	epa300	Finished	[illegible]
16	[illegible]	Unknown	6	25.0	epa300	Finished	[illegible]
17	[illegible]	Unknown	7	25.0	epa300	Finished	[illegible]
18	[illegible]	Unknown	8	25.0	epa300	Finished	[illegible]
19	[illegible]	Unknown	9	25.0	epa300	Finished	[illegible]
20	[illegible]	Unknown	10	25.0	epa300	Finished	[illegible]
21	CCV2	Unknown	41	25.0	epa300	Finished	[illegible]
22	CCB2	Unknown	42	25.0	epa300	Finished	[illegible]
23	[illegible]	Unknown	11	25.0	epa300	Finished	[illegible]
24	[illegible]	Unknown	12	25.0	epa300	Finished	[illegible]
25	[illegible]	Unknown	13	25.0	epa300	Finished	[illegible]
26	[illegible]	Unknown	14	25.0	epa300	Finished	[illegible]
27	[illegible]	Unknown	15	25.0	epa300	Finished	[illegible]
28	[illegible]	Unknown	16	25.0	epa300	Finished	[illegible]
29	[illegible]	Unknown	17	25.0	epa300	Finished	[illegible]
30	[illegible]	Unknown	18	25.0	epa300	Finished	[illegible]
31	[illegible]	Unknown	19	25.0	epa300	Finished	[illegible]
32	[illegible]	Unknown	20	25.0	epa300	Finished	[illegible]
33	CCV3	Unknown	46	25.0	epa300	Finished	[illegible]
34	CCB3	Unknown	47	25.0	epa300	Finished	[illegible]

Trig
Data source [illegible]
Location [illegible]
Timebase [illegible]
#Samples 34

Created [illegible]
Last Update [illegible]

Ch	Name	Offset	Scale	Comment
1	STD1VA1	1.0000	0	
2	STD1VA2	1.0000	2* GEN C2 1.0A	
3	STD2VA1	1.0000	2* GEN C2 1.0A	
4	STD2VA2	1.0000	2* GEN C2 1.0C	
5	STD3VA1	1.0000	2* GEN C2 1.0D	
6	STD3VA2	1.0000	2* GEN C2 1.0E	
7	STD1CV1	1.0000	2* GEN C2 1.0J	
8	STD1CV2	1.0000	2* GEN C2 1.0G	
9	CC01	1.0000		
10	CC02	1.0000		
11	CC03	1.0000		
12	VB1	1.0000		
13	K2101G01 CC1	2.0000		
14	K2101G01 CC1D	2.0000		
15	K2 C1G01 CC15	4.0000		
16	K2 C1G01 CC15D	4.0000		
17	K2 C1G01 CC2	2.0000		
18	K2 C1V01 CC1	2.0000		
19	K2 C1G01 CC7	2.0000		
20	K2 C1GW CC7	2.0000		
21	CC03	1.0000		
22	CC02	1.0000		
23	K2 C1G16 CC7	2.0000		
24	K2 C1G16 CC8	200.0000		
25	K2 C1G16 CC8D	200.0000		
26	K2 C1G16 CC8S	400.0000		
27	K2 C1G16 CC8SD	400.0000		
28	K2 C1G16 CC6	2.0000		
29	K2 C1G16 CC10	2.0000		
30	K2 C1G16 CC10	100.0000		
31	K2 C1G16 CC1	2.0000		
32	K2 C1G16 CC2	2.0000		
33	CC03	1.0000		
34	CC03	1.0000		

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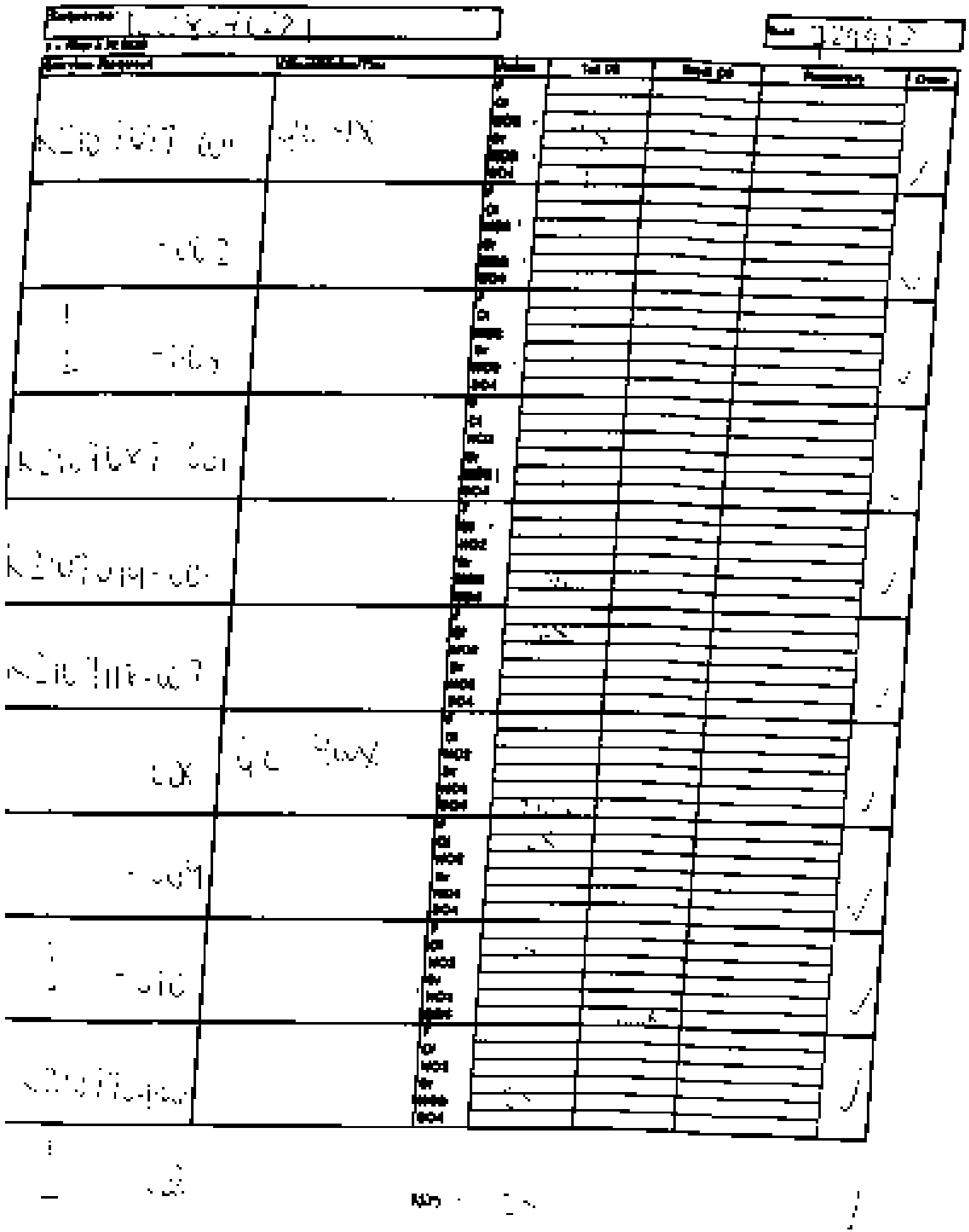


[illegible]

[illegible] ENVIRONMENTAL INC.

Ion Chromatography Calibration Data

Sequence: [illegible]

Date: [illegible]

Analyte	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Corr Coeff	Slope	Residuals
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9972	0.2511	
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9302	0.1731	
NO2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9674	0.3559	
Br	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.99	0.0709	
NO3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9291	0.4207	
SO4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9937	0.1232	
									99.9679	0.1744	

[illegible]

No.	Peak Name	Cal Type	# Points	Rel Std.Dev. %	Corr Coeff %	Offset	Slope	Curve
1	Fluoride	Lin	8	0.6159	99.9972	0	0.2511	0
2	Chloride	Lin	8	1.1485	99.9302	0	0.1731	0
3	Nitrite	Lin	8	2.1363	99.9674	0	0.3559	0
4	Bromide	Lin	8	1.5723	99.99	0	0.0709	0
5	Nitrate	Lin	8	3.1594	99.9291	0	0.4207	0
6	Sulfate	Lin	6	0.9233	99.9937	0	0.1232	0
Average:			6	1.8575	99.9679	0	0.1744	0

[illegible]

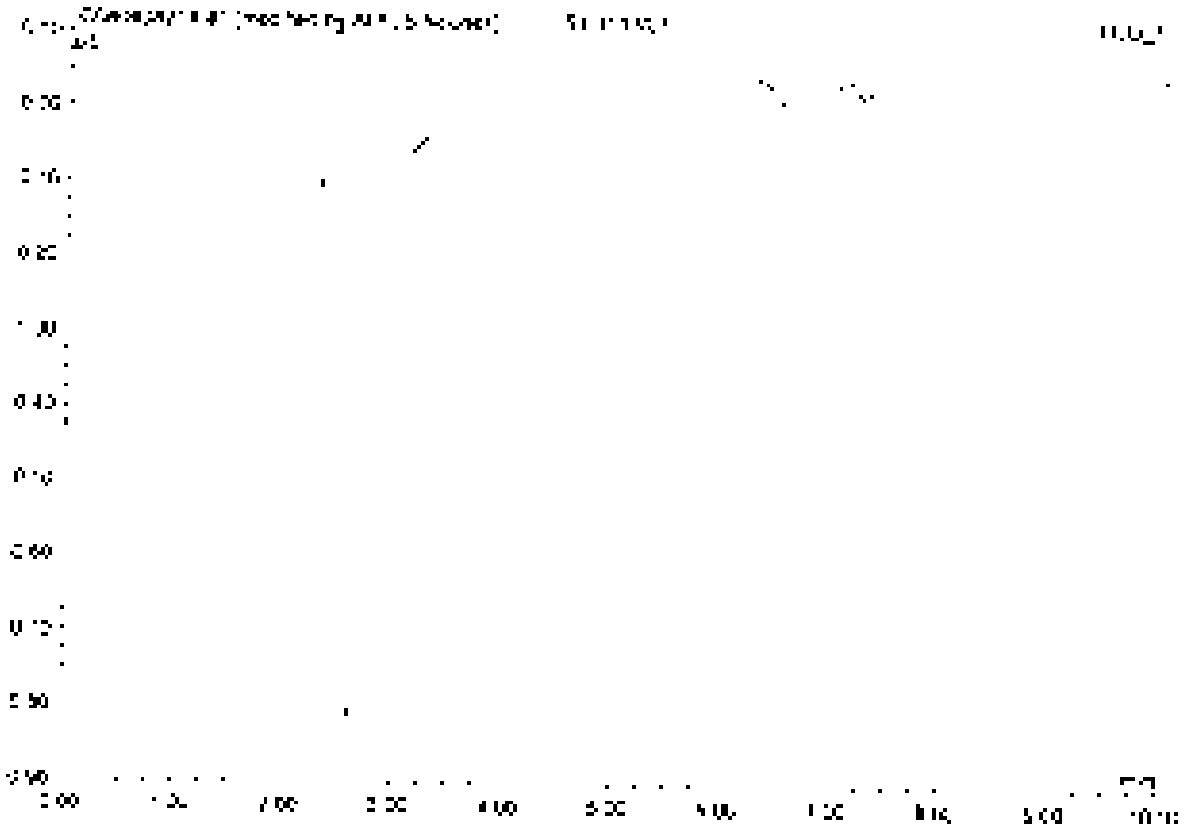
	STD2	STD3	STD4	STD5	STD6	STD7	STD8	STD9
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Br	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SO4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

1 STD1/LVL1

DI

Sample Name	STD1/LVL1	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2011 13:04	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

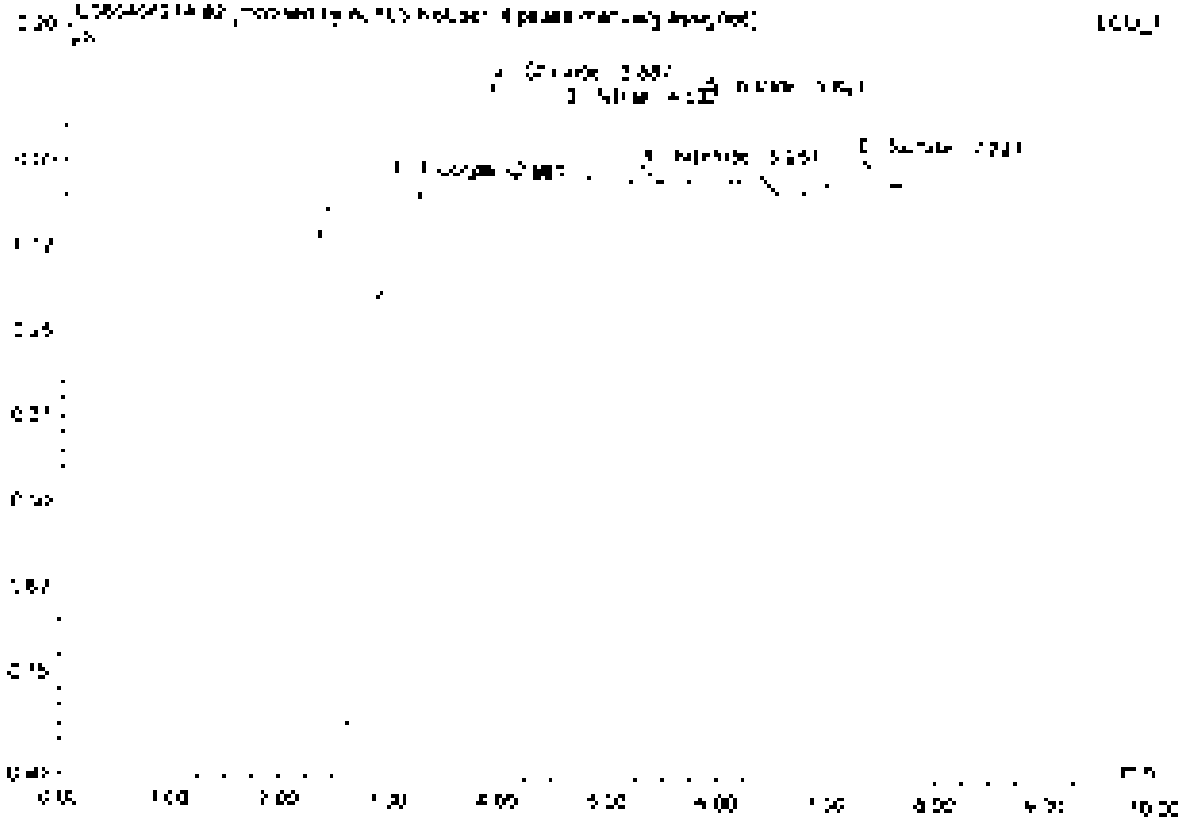


No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

2 STD2/LVL2

21-GEN-02-17A

Sample Name	STD2/LVL2	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 14:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

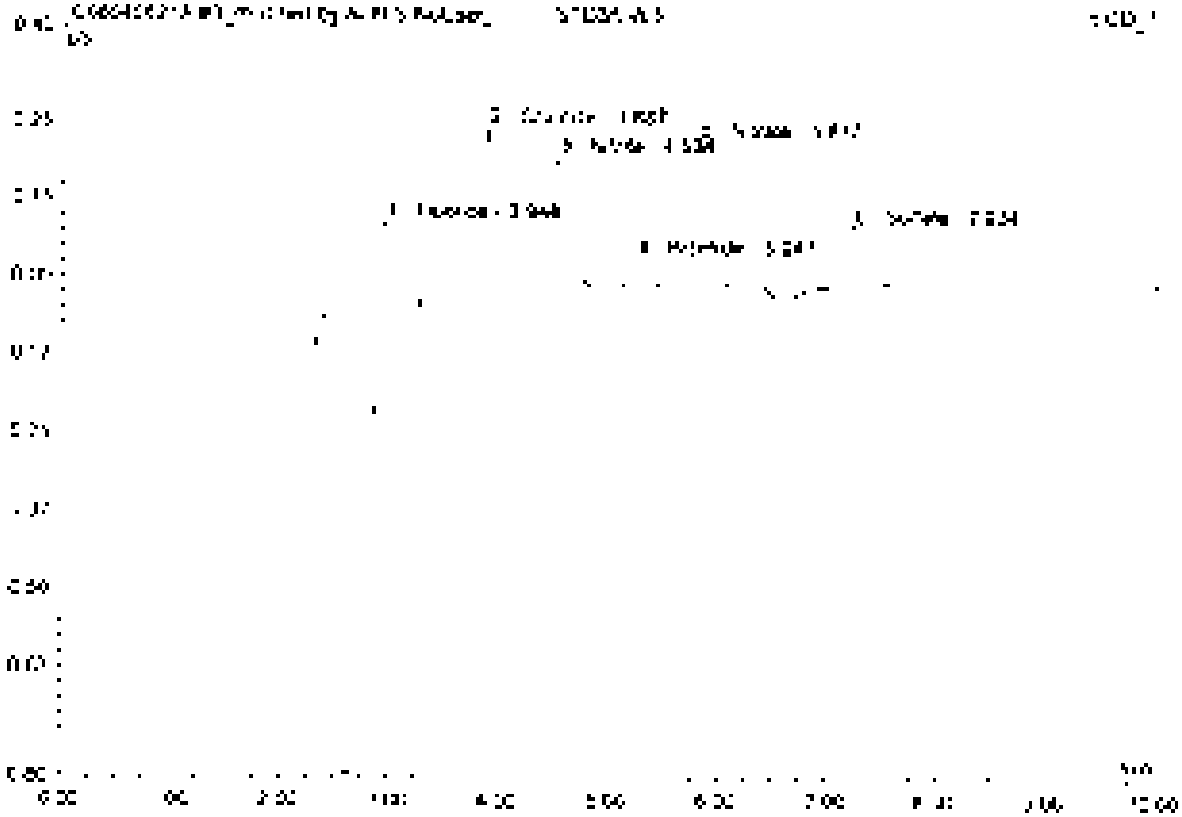


No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	0.107	0.027	27.45	0.107	BV B**
2	3.89	Chloride	0.139	0.017	17.40	0.068	BMB*
3	4.54	Nitrite	0.104	0.016	16.14	0.046	BMB*
4	5.25	Bromide	0.024	0.004	3.61	0.000	BMB**
5	5.82	Nitrate	0.125	0.021	21.27	0.049	BMB**
6	7.22	Sulfate	0.045	0.014	14.14	0.112	BV B**
Total:			0.573	0.098	100.00	0.456	

3 STD3/LVL3

21-GEN-02-17B

Sample Name	STD3/LVL3	Injection Volume	25.0
Vial Number	3	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quant Method	spa300	Dilution Factor	1.0000
Recording Time	4/8/2021 13:27	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

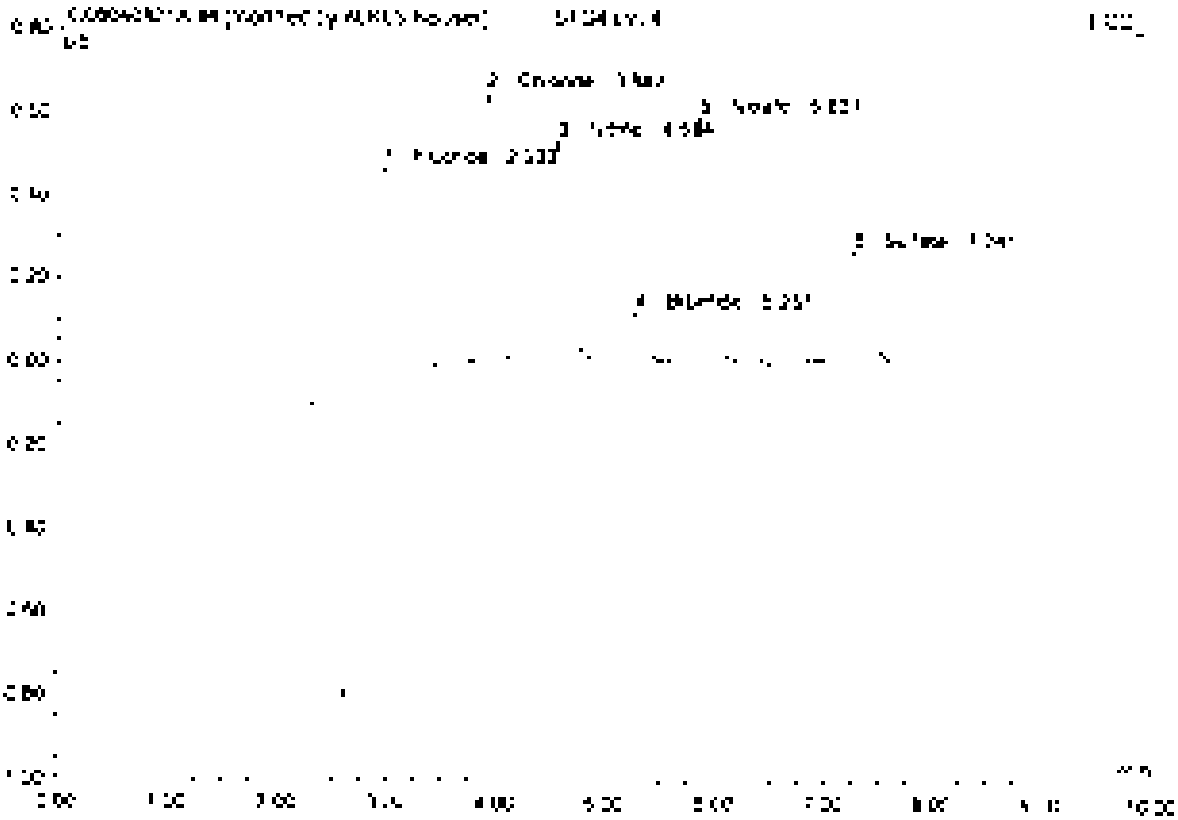


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	0.271	0.052	28.05	0.205	BMB*
2	3.89	Chloride	0.259	0.031	17.10	0.182	BMB*
3	4.53	Nitrite	0.234	0.031	16.98	0.089	BV B*
4	5.25	Bromide	0.044	0.007	3.57	0.063	BMB
5	5.82	Nitrate	0.231	0.038	20.66	0.290	BMB*
6	7.23	Sulfate	0.066	0.035	11.64	0.203	BMB*
Total:			1.107	0.184	100.00	0.862	

4 STD4/LVL4

21-GEN-02-17C

Sample Name	STD4/LVL4	Injection Volume	25.0
Vial Number	4	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Method Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 13:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

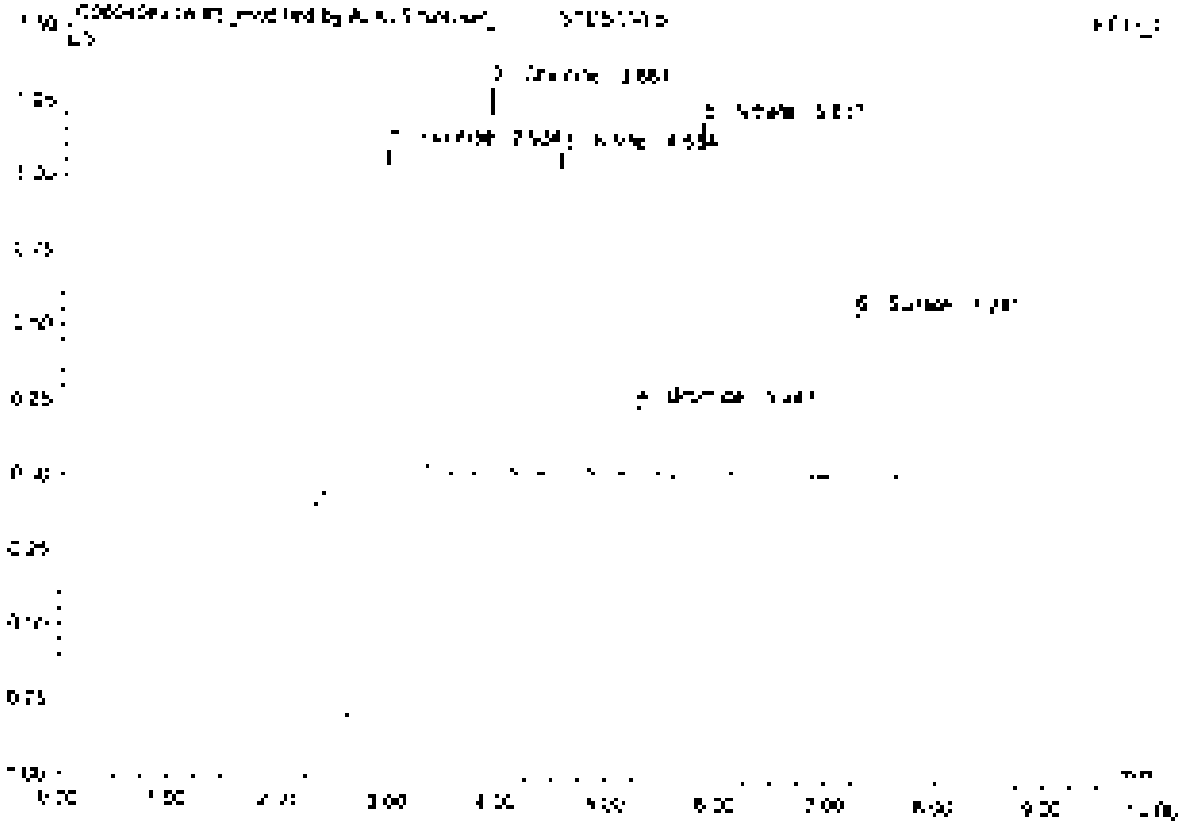


No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	0.644	0.123	27.46	0.507	BMB*
2	3.85	Chloride	0.648	0.079	16.94	0.454	BMB*
3	4.50	Nitrite	0.526	0.083	17.82	0.230	BMB*
4	5.25	Bromide	0.115	0.017	3.75	0.246	BMB
5	5.82	Nitrate	0.585	0.097	20.84	0.230	BMB*
6	7.24	Sulfate	0.204	0.061	13.19	0.497	BMB
Total:			2.704	0.464	100.00	2.167	

5 STD5/LVL5

21-GEN-02-170

Sample Name	STD5/LVL5	Injection Volume	25.0
Vial Number	5	Channel	IC09 [illegible]
Sample Type	standard	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	4/8/2021 13:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

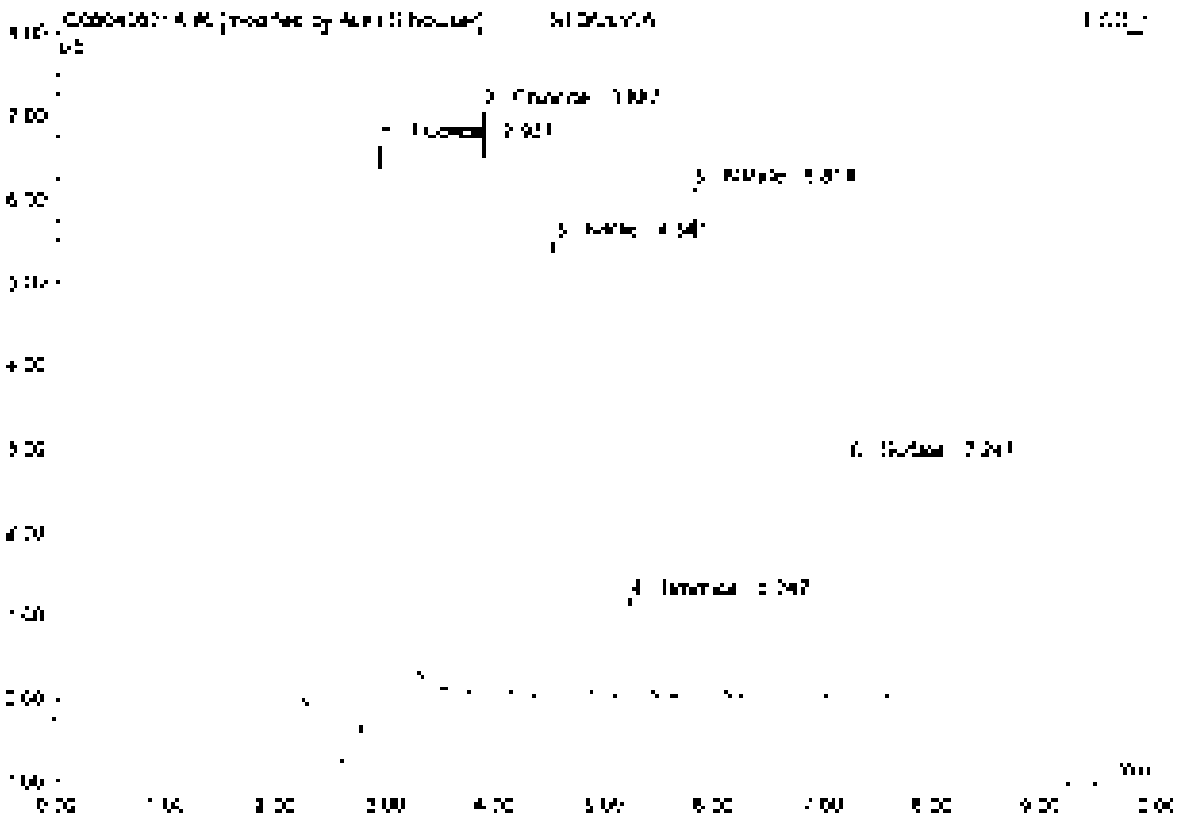


No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	3.83	Chloride	[illegible]	[illegible]	16.86	[illegible]	[illegible]
3	4.53	Nitrite	[illegible]	[illegible]	17.89	[illegible]	[illegible]
4	5.25	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	5.80	Nitrate	[illegible]	[illegible]	20.98	[illegible]	[illegible]
6	7.24	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

6 STD6/LVL6

21-GEN-02-17E

Sample Name	STD6/LVL6	Injection Volume	20.0
Vial Number	6	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 14:02	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

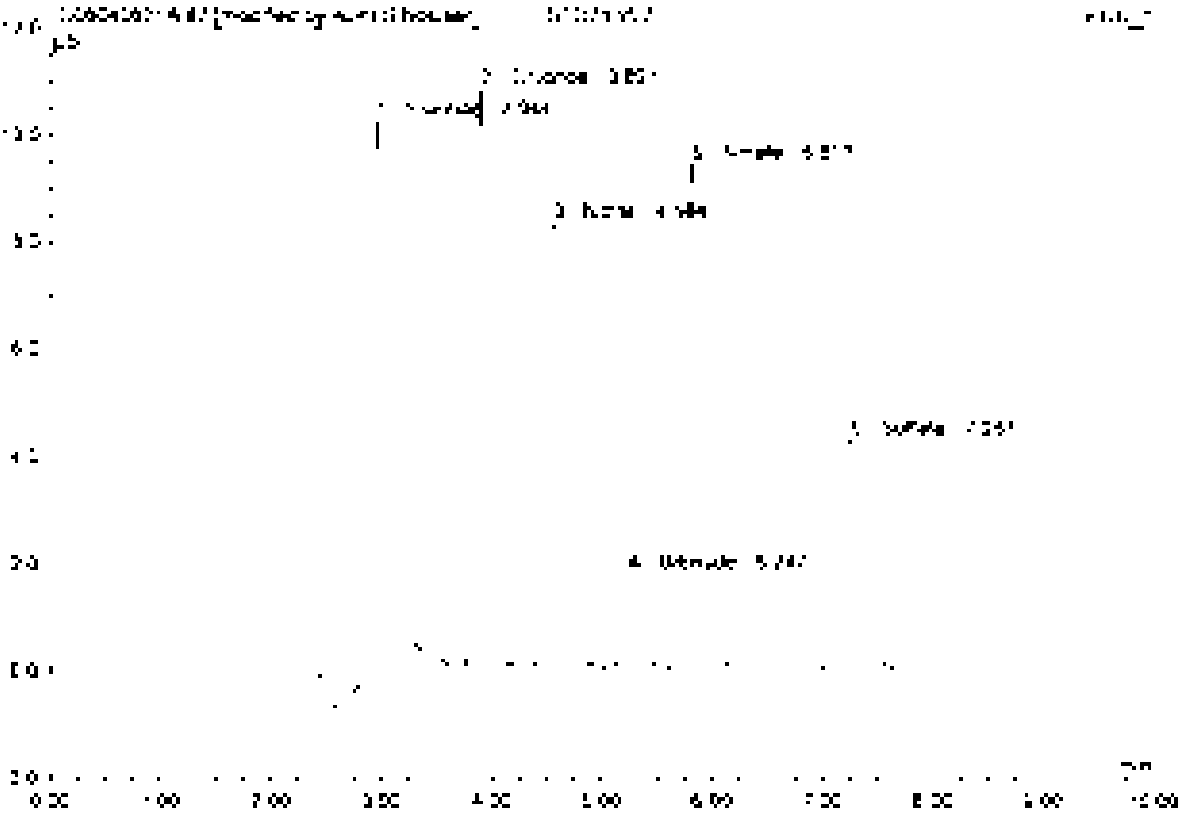


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	6.988	1.262	25.41	5.027	BMB*
2	3.85	Chloride	7.028	0.841	17.60	4.855	BMB*
3	4.54	Nitrite	5.482	0.871	18.23	2.449	BMB*
4	5.25	Bromide	1.167	0.176	3.67	2.478	BMB
5	5.81	Nitrate	6.130	1.015	21.23	2.412	BMB*
6	7.25	Sulfate	2.832	0.614	12.85	4.984	BMB*
Total:			25.626	4.779	100.00	22.207	

7 STD7/LVL7

21-GEN-02-17F

Sample Name	STD7/LVL7	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 14:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

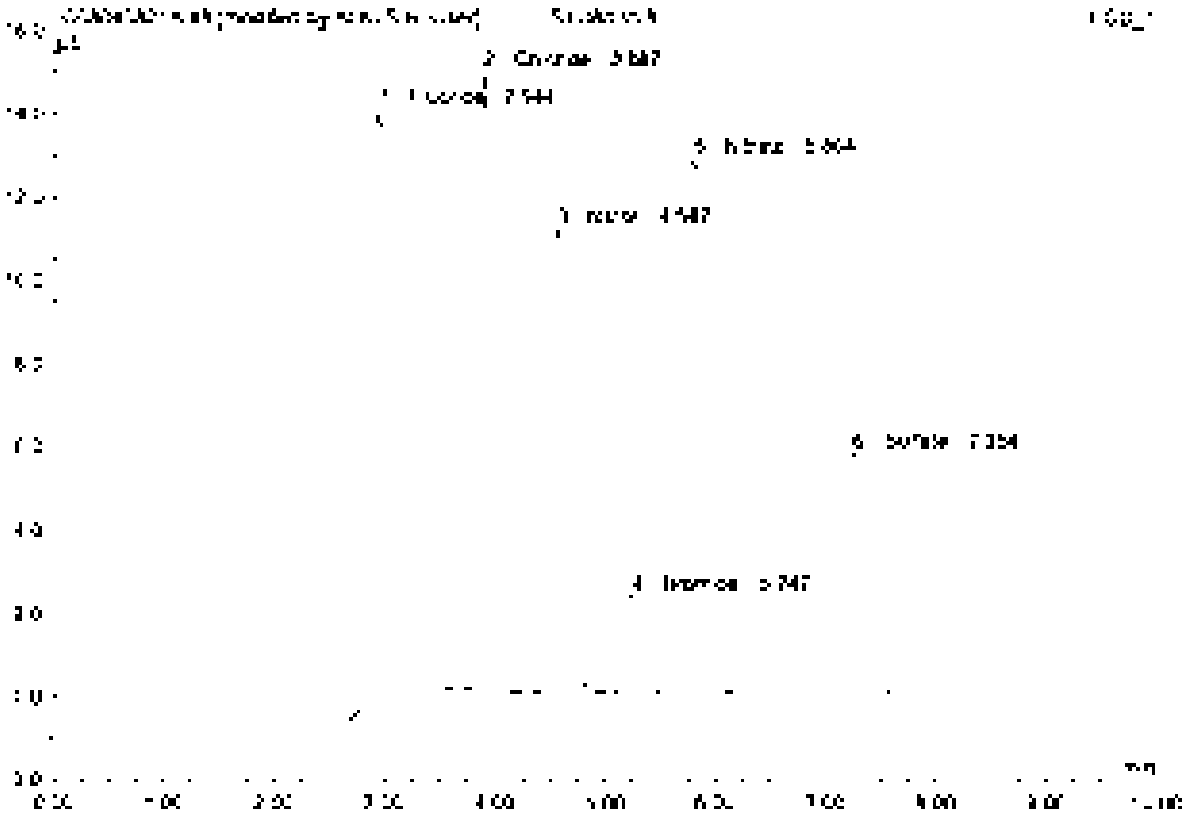


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	10.568	1.874	25.97	7.452	BMB*
2	3.89	Chloride	10.772	1.279	17.73	7.390	BMB*
3	4.54	Nitrite	9.302	1.323	18.33	3.717	BMB*
4	5.25	Bromide	1.458	0.264	3.66	3.724	BVB
5	5.81	Nitrate	9.416	1.560	21.61	3.708	BMB*
6	7.25	Sulfate	4.281	0.917	12.70	7.443	BVU
Total:			45.050	7.217	100.00	33.445	

8 STD8/LVL8

21-GEN-02-17G

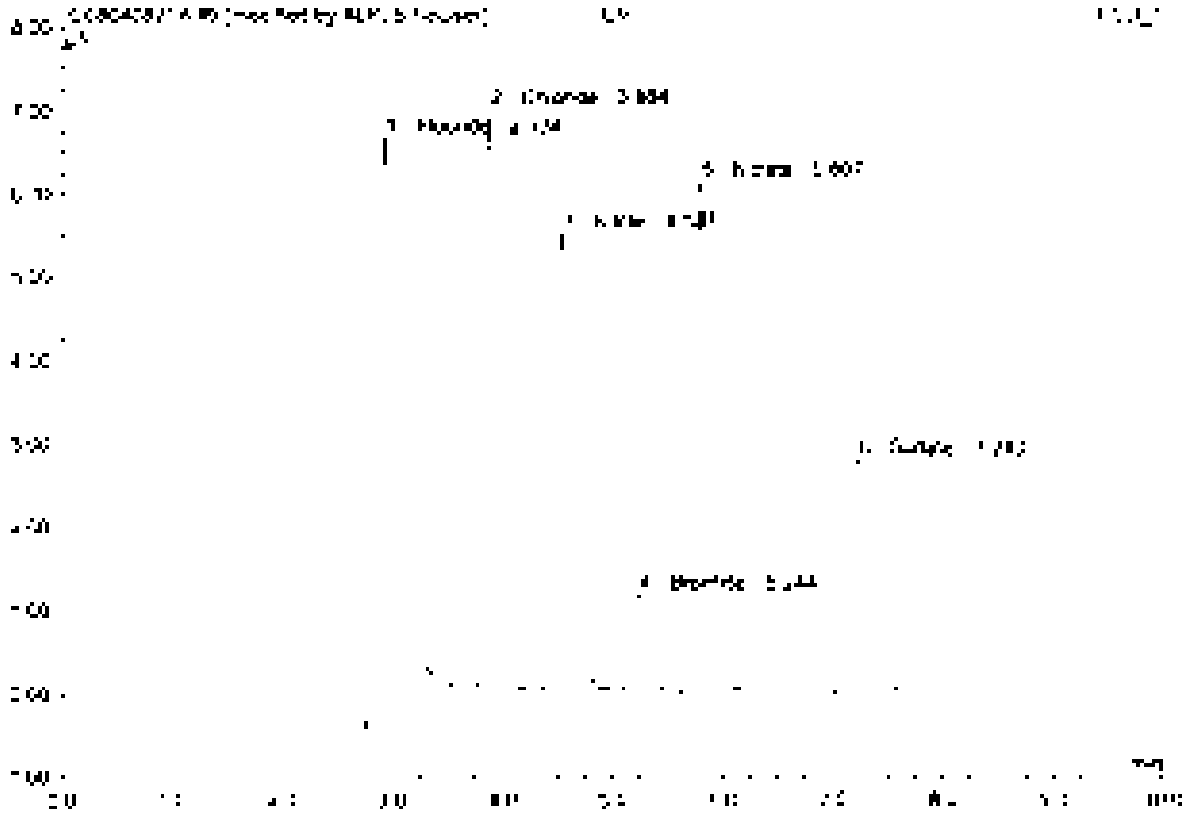
Sample Name	STD8/LVL8	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	[illegible] 14:23	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	RetTime min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.98	Fluoride	14.402	2.[illegible]	25.64	[illegible]	BMB*
2	5.69	Chloride	14.5[illegible]3	1.760	[illegible]	[illegible]	BMB*
3	4.55	Nitrite	11.205	1.799	[illegible]	[illegible]	BMB*
4	5.25	Bromide	2.375	0.257	3.64	[illegible]	BMB
5	5.80	Nitrate	12.859	2.[illegible]	21.80	[illegible]	BMB*
6	7.25	S_[illegible]	[illegible]	1.208	[illegible]	[illegible]	BMB
Total:			61.6[illegible]3	9.805	100.00	45.355	

9 ICV

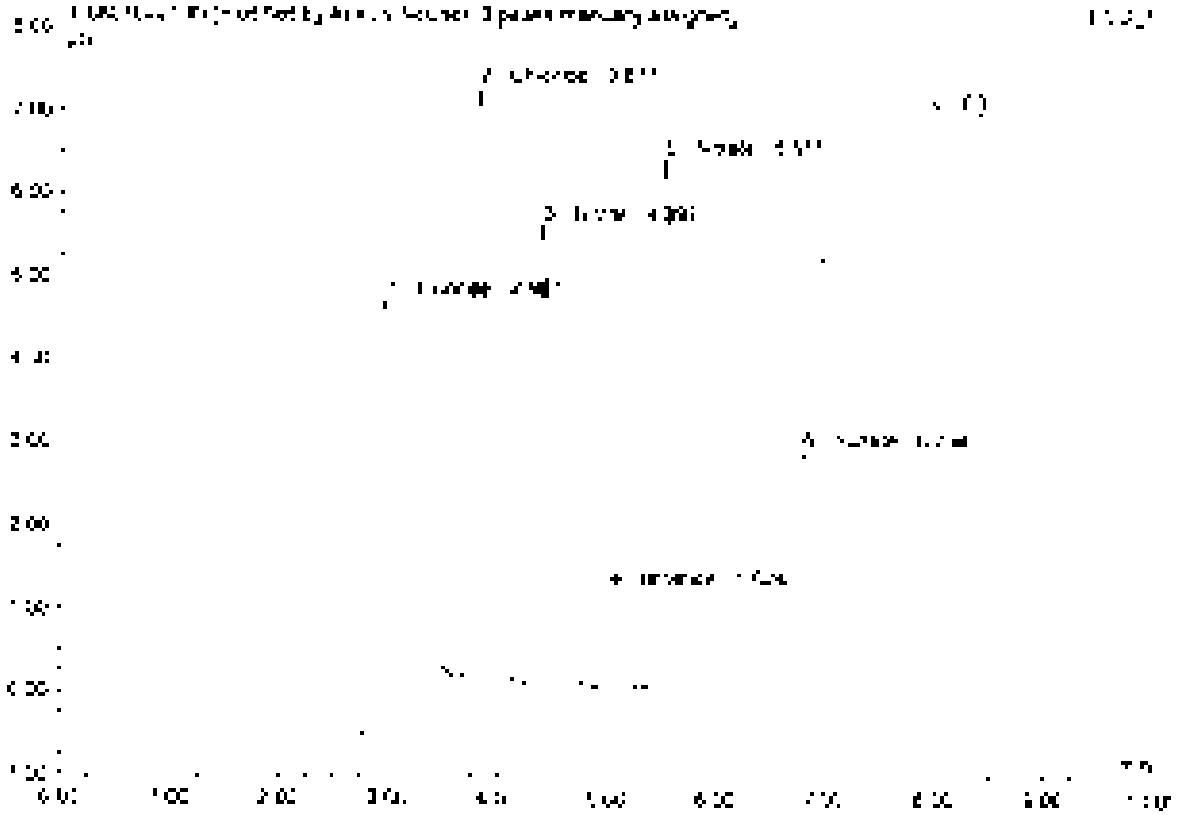
Sample Name	ICV	Injection Volume	25.0
Vial Number	9	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a
Control Program	epa300	Bandwidth	n.a
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 14:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.93	Fluoride	0.973	1.257	26.45	5.005	BV8*
2	3.68	Chloride	6.951	0.834	17.55	4.815	BV8
3	4.54	Nitrite	5.406	0.569	11.98	2.442	BV8
4	5.24	Bromide	1.160	0.175	3.68	2.451	BV8
5	5.81	Nitrate	5.124	1.013	21.33	2.439	BV8
6	7.24	Sulfate	2.792	0.602	12.68	4.995	BV8
Total:			23.500	4.750	100.00	22.126	

9 CCV1

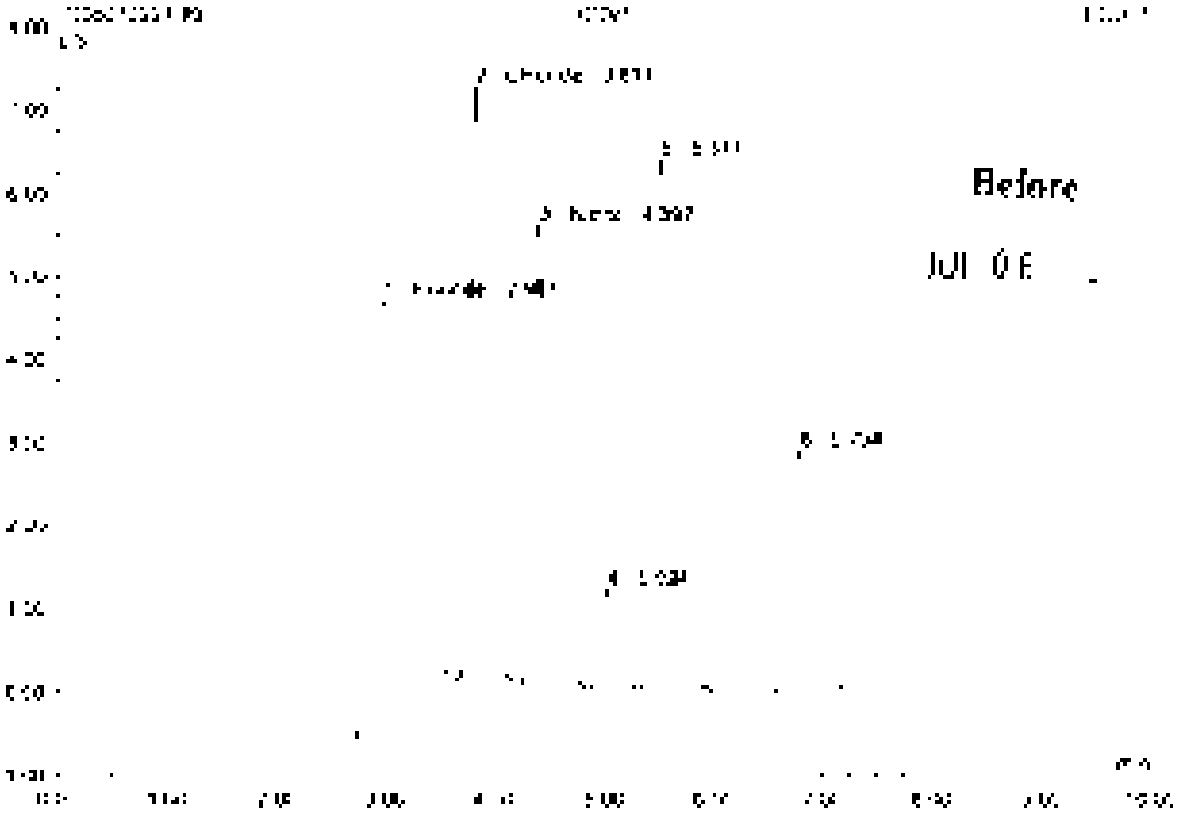
Sample Name	CCV1	Injection Volume	25.0
Vial Number	46	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/2/2021 14:59	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.97	Fluoride	5.065	1.201	25.42	4.781	BMB*
2	3.81	Chloride	[illegible]	0.837	17.71	4.832	BMB*
3	4.46	Nitrite	5.608	0.879	18.61	2.450	BMB
4	5.02	Bromide	[illegible]	[illegible]	[illegible]	2.404	BMB*
5	5.5[illegible]	Nitrate	6.355	1.035	21.91	2.450	BMB*
6	6.79	Sulfate	2.870	0.602	12.74	4.883	BMB*
Total:			28.137	4.723	100.00	21.800	

9 CCV1

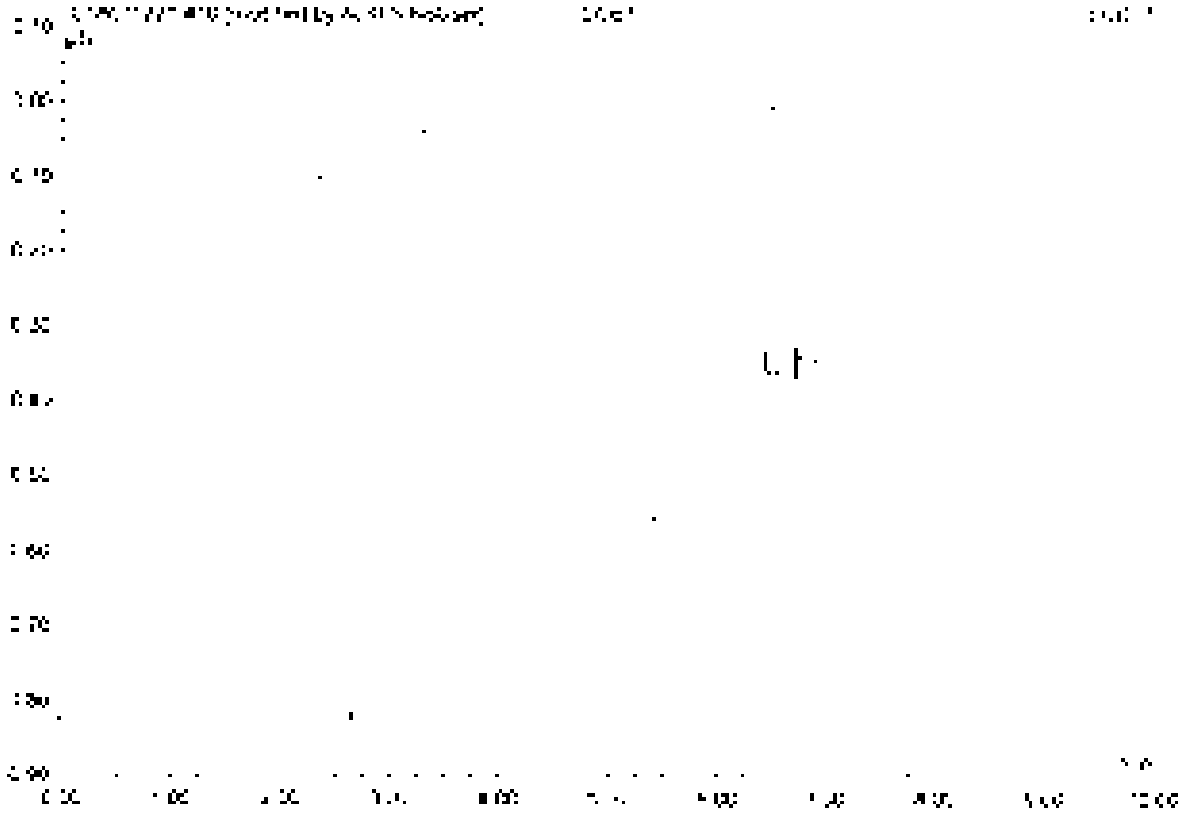
Sample Name	CCV1	Injection Volume	25.0
Vial Number	44	Column	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	7/2/2021 14:59	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.97	Fluoride	5.103	1.262	25.32	5.027	BVc
2	3.51	Chloride	7.115	0.817	17.48	4.832	bMB
3	4.40	Nitrite	5.538	0.579	18.37	2.469	BMB
4	5.02	n.a.	1.180	0.177	3.56	n.a.	BMB
5	5.51	n.a.	6.365	1.035	21.03	n.a.	BMB
6	6.79	n.a.	7.875	0.602	12.57	n.a.	BMB
Total			32.177	4.785	100.00	12.328	

10 CCB1

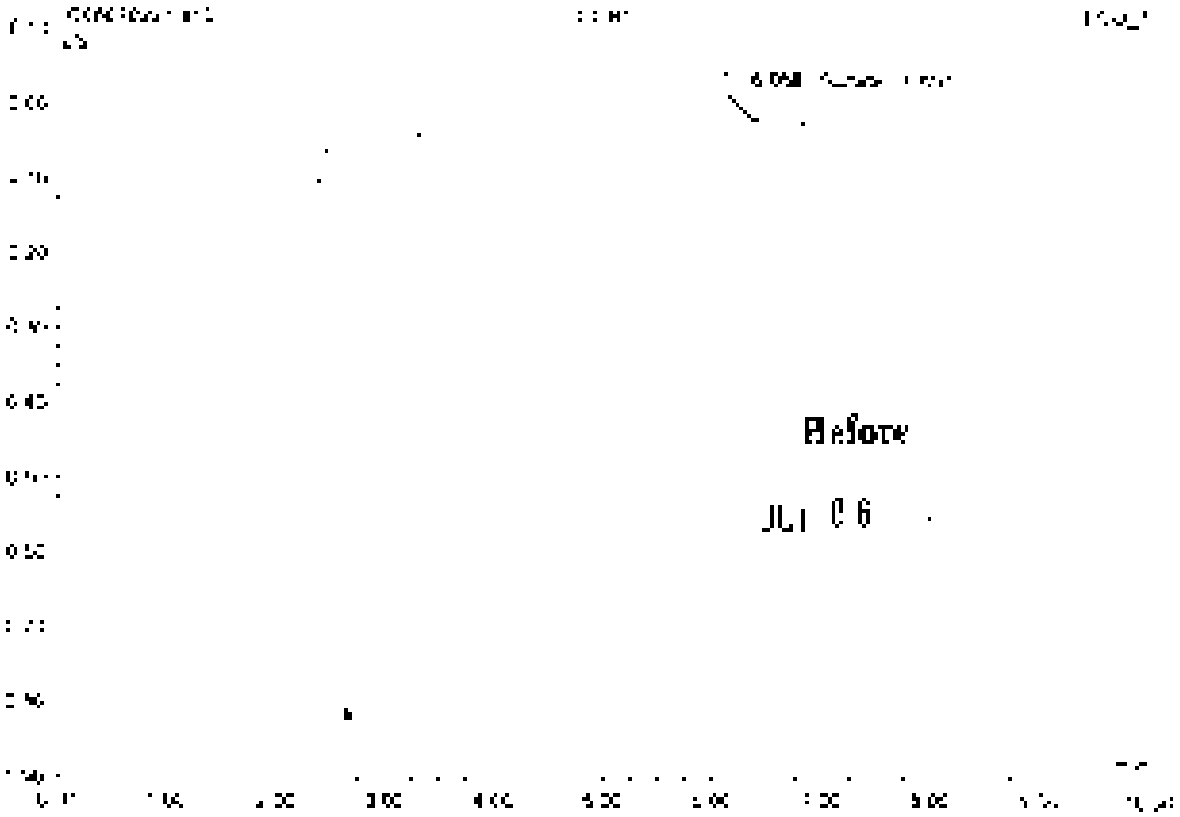
Sample Name	CCB1	Injection Number	10
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program:	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/2/2021 15:11	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total			0.000	0.000	0.00	0.000	

10 CCB1

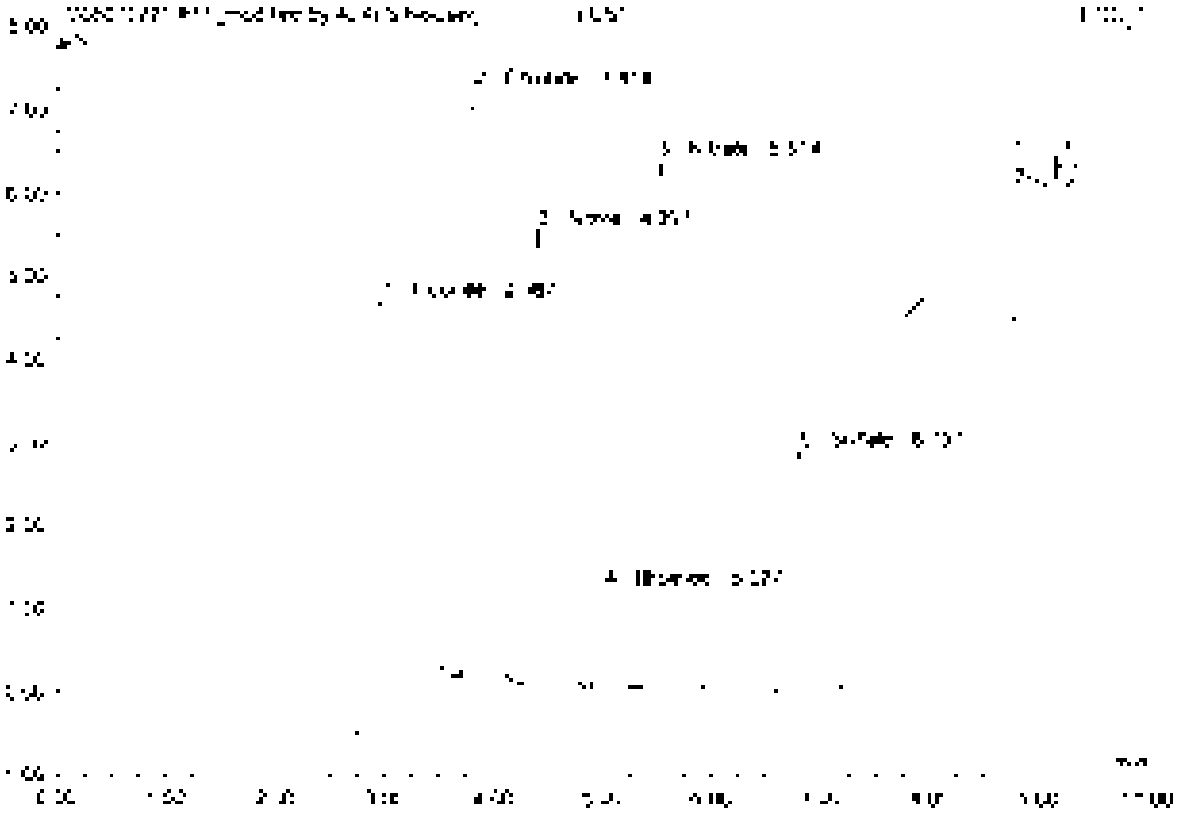
Sample Name	CCB1	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	[illegible]/2021 15:11	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.05	n.a.	0.[illegible]35	[illegible]403	99.42	n.a.	BMB
2	6.69	Sulfate	0.040	0.005	0.58	0.067	BMB
Total			0.146	[illegible]411	100.00	0.067	

11 LCS1

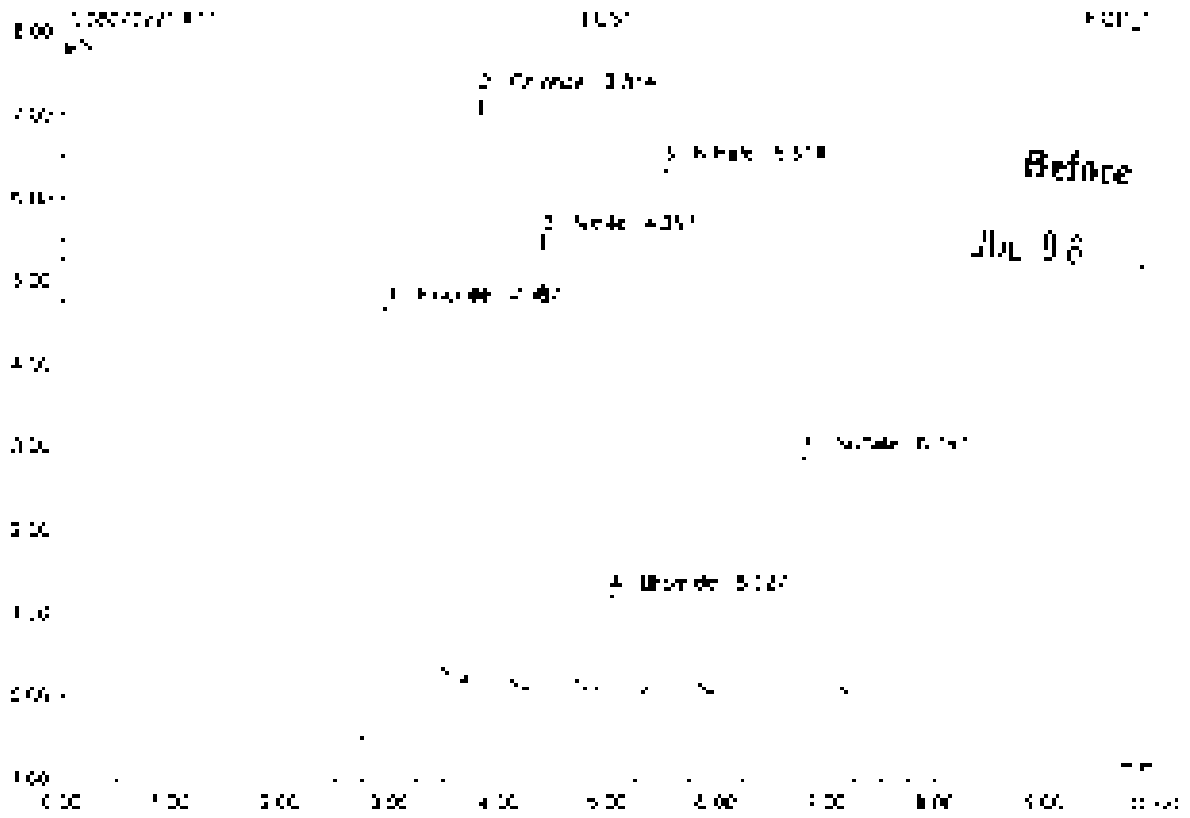
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Critical Factor	1.0000
Recording Time	7/2/2021 15:22	Sample Weight	1.0000
Run Time (sec.)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.97	Fluoride	5.070	1.231	21.96	4.902	BMB*
2	3.87	Chloride	7.072	0.870	17.50	4.792	BMB*
3	4.40	Nitrite	5.486	0.872	18.20	2.450	BMB
4	5.03	Bromide	1.174	0.170	3.07	2.329	BMB
5	5.51	Nitrate	6.352	1.334	27.80	2.457	BMB
6	6.80	Sulfate	7.880	0.906	12.06	4.921	BMB
Total:			28.034	4.742	100.00	21.511	

11 LCS1

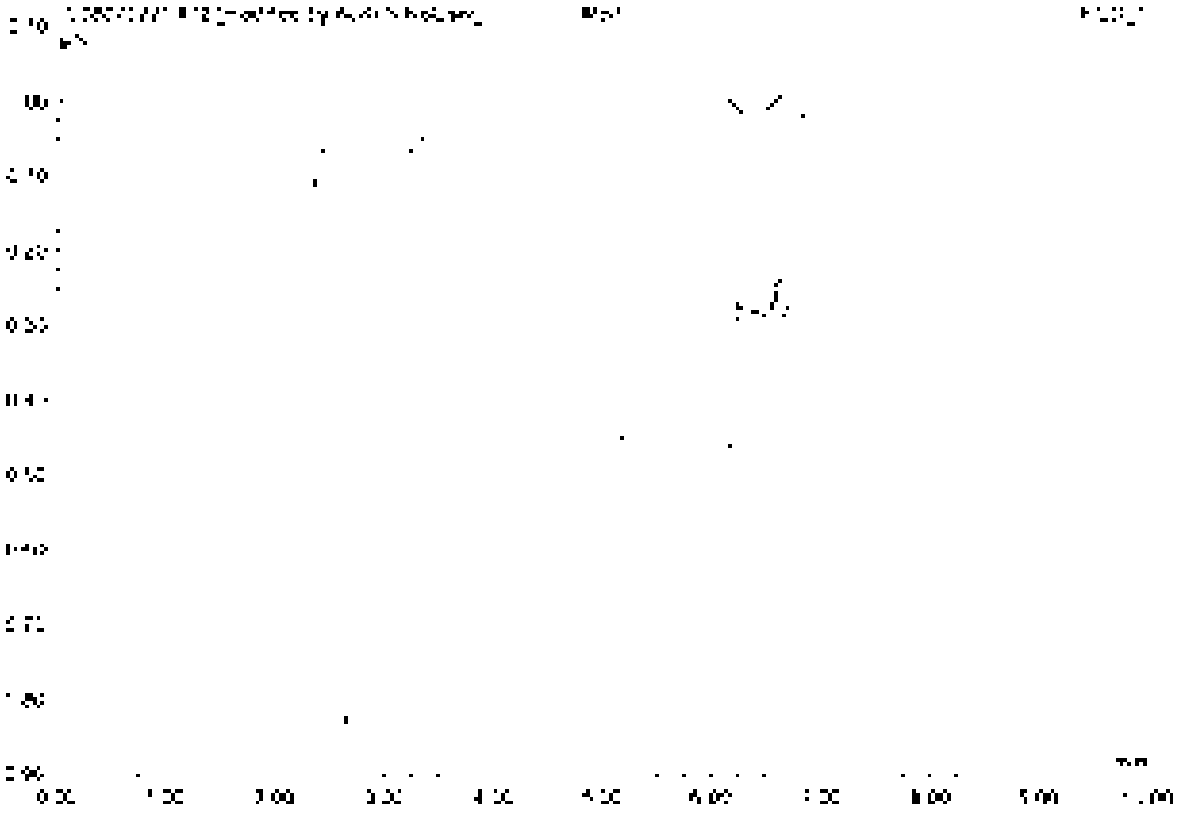
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Quantif. Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Calibrat. Factor	1.0000
Recording Time	7/2/2021 15:22	Sample Weight	1.0000
Run Time (min.)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
3	[illegible]	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]	BMB
4	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	BMB
5	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
6	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

12 MB1

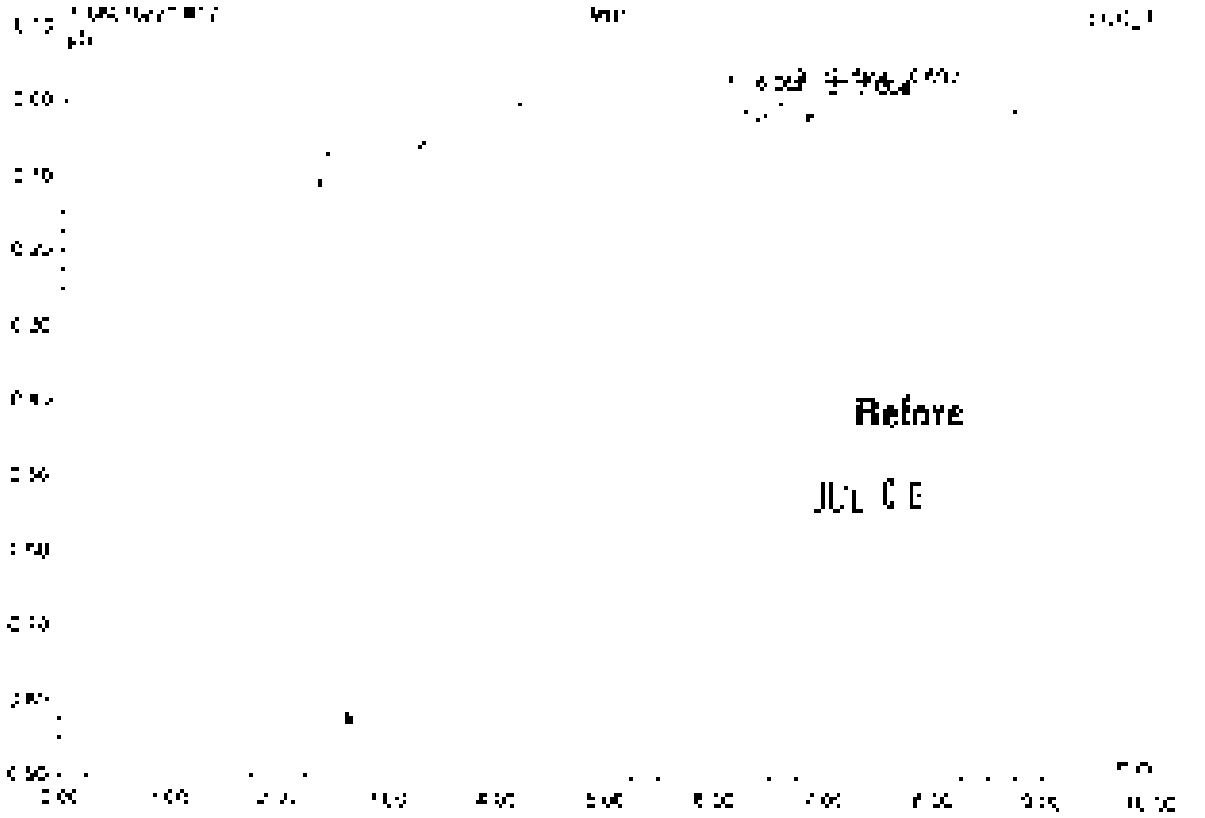
Sample Name	MB1	Injection Volume	10.0
Vial Position	1	Channel	ECD 1
Sample Type	Unknown	Wavelength	n.a.
Control Program	spe300	Bandwidth	n.a.
Control Method	spe300	Dilution Factor	1.0000
Recording Time	7/2/2021 15:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

12 MB1

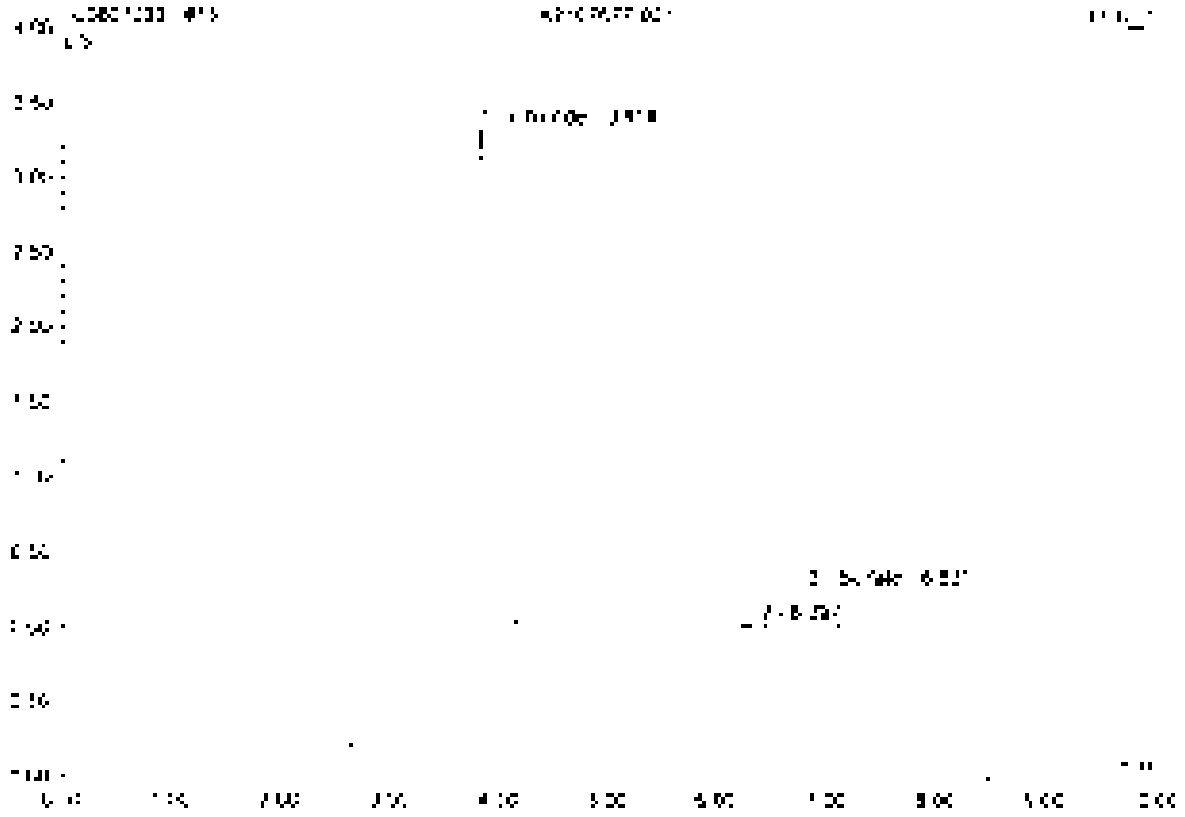
Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Method Named	epa300	Dilution Factor	1.0000
Recording Time	7/2/2021 15:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	5.67	n.a.	0.097	[illegible]	[illegible]	n.a.	BMB
2	5.70	Sulfate	0.041	0.008	5.58	0.067	bMB
3	7.00	n.a.	0.025	0.031	[illegible]	n.a.	bMB
Total:			0.164	[illegible]	100.00	0.067	

13 K2107677-001

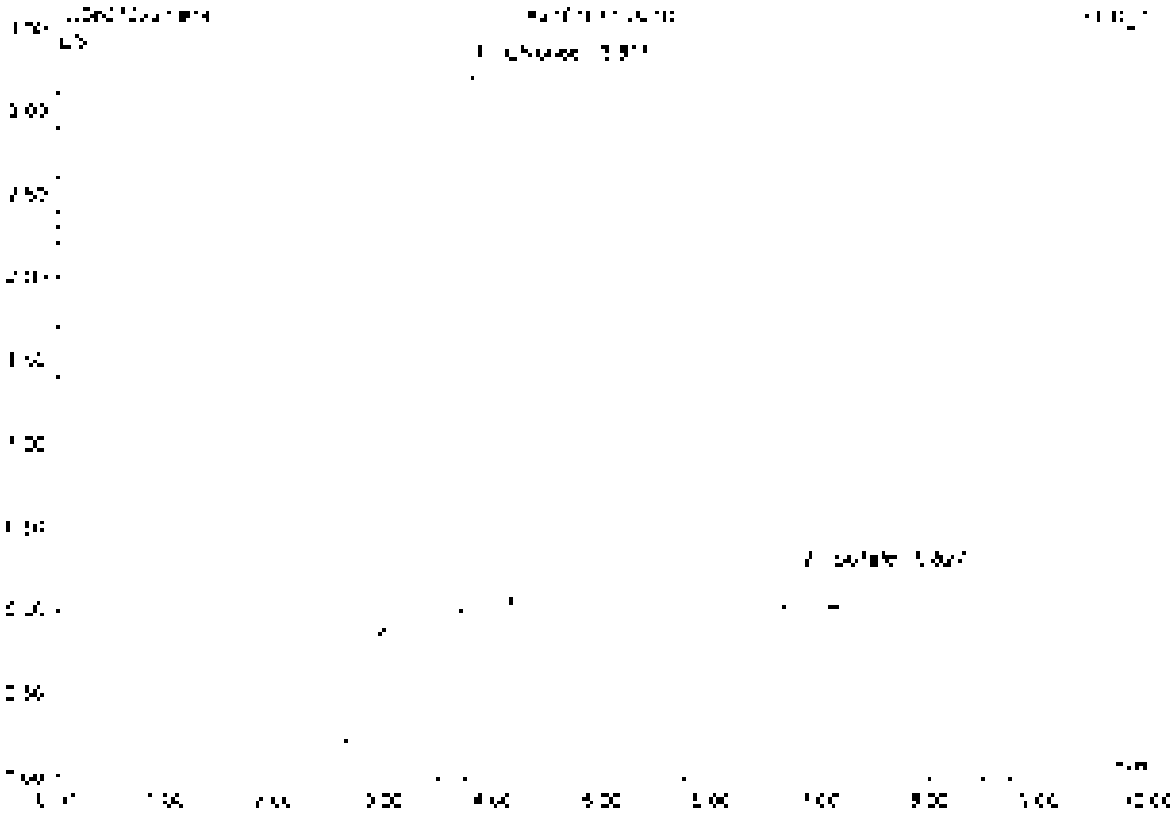
Sample Name	K2107677-001	Injection Volume	25.0
Vial Number	3	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	7.0000
Recording Time	Tr2/2021 15:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.81	Chlorde	3.322	0.335	86.91	4.595	BV0
2	6.40	n.a.	0.020	0.005	1.17	n.a.	BV0
3	6.83	Sulfate	0.243	0.045	11.92	0.896	BMB
Total			3.586	0.452	100.00	5.490	

14 K2107677-001D

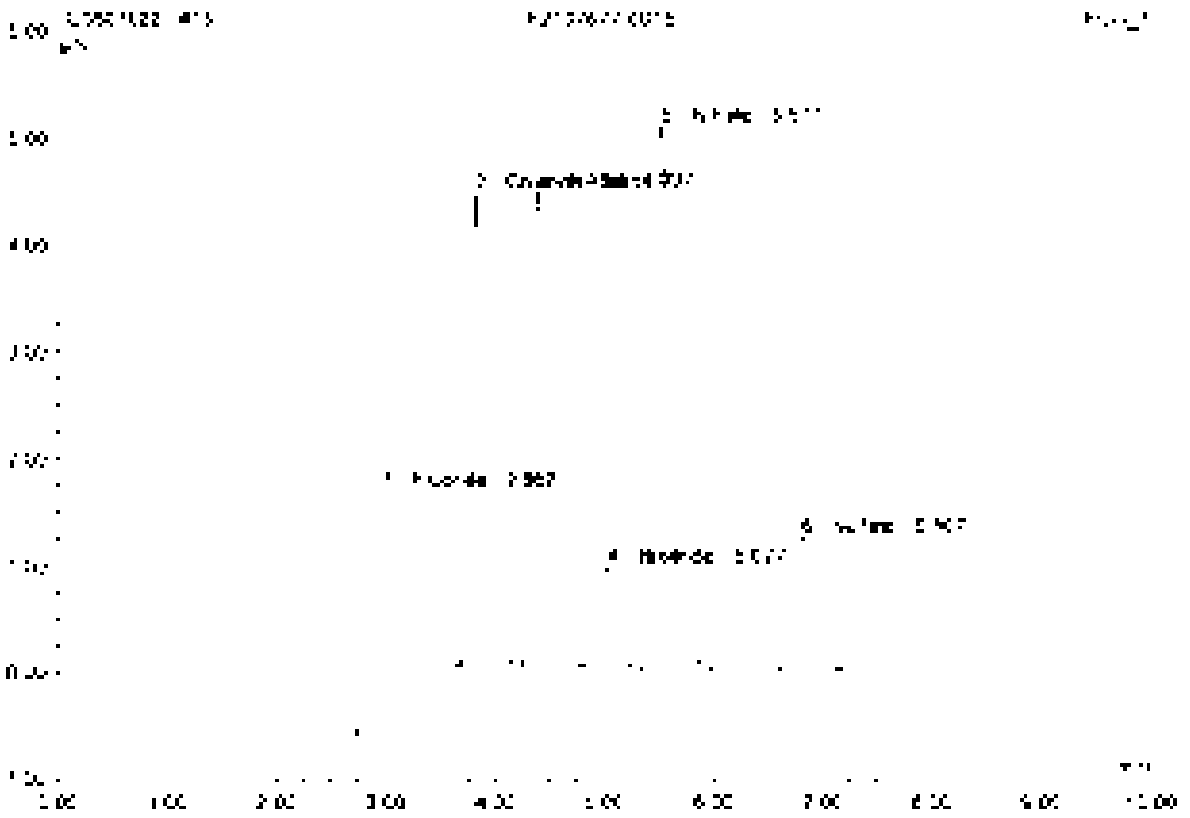
Sample Name	K2107677-001D	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	1.0000
Processing Time	7/2/2021 1:[illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.81	Chloride	3.271	0.392	88.51	4.528	BVA
2	5.87	Sulfate	0.228	0.051	11.49	0.826	BVA
Total			3.499	0.443	100.00	5.354	

15 K2107677-001S

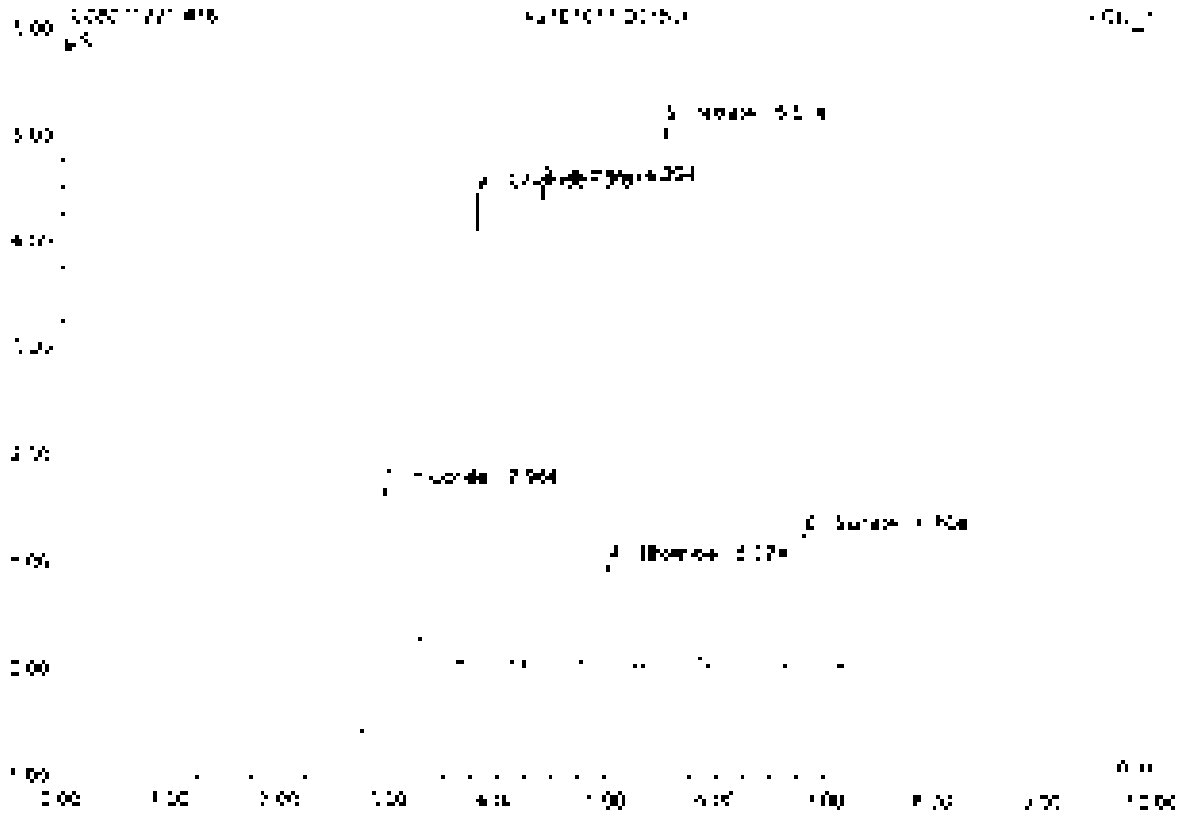
Sample Name	K2107677-001S	Injection Volume	25.0
Run Number	5	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	4.0000
Recording Time	7/2/2021 15:09	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.92	Fluoride	2.142	0.617	19.81	9.724	BMB
2	3.51	Chloride	4.408	0.573	17.00	17.027	BMB
3	4.40	Nitrite	4.409	0.771	23.09	7.938	BMB
4	5.03	Bromide	2.940	0.137	4.40	7.745	BMB
5	5.52	Nitrate	5.079	0.830	25.52	7.896	BMB
6	5.87	Sulfate	1.249	0.266	8.64	7.640	BMB
Total:			15.288	3.018	100.00	54.063	

16 K2107677-001SD

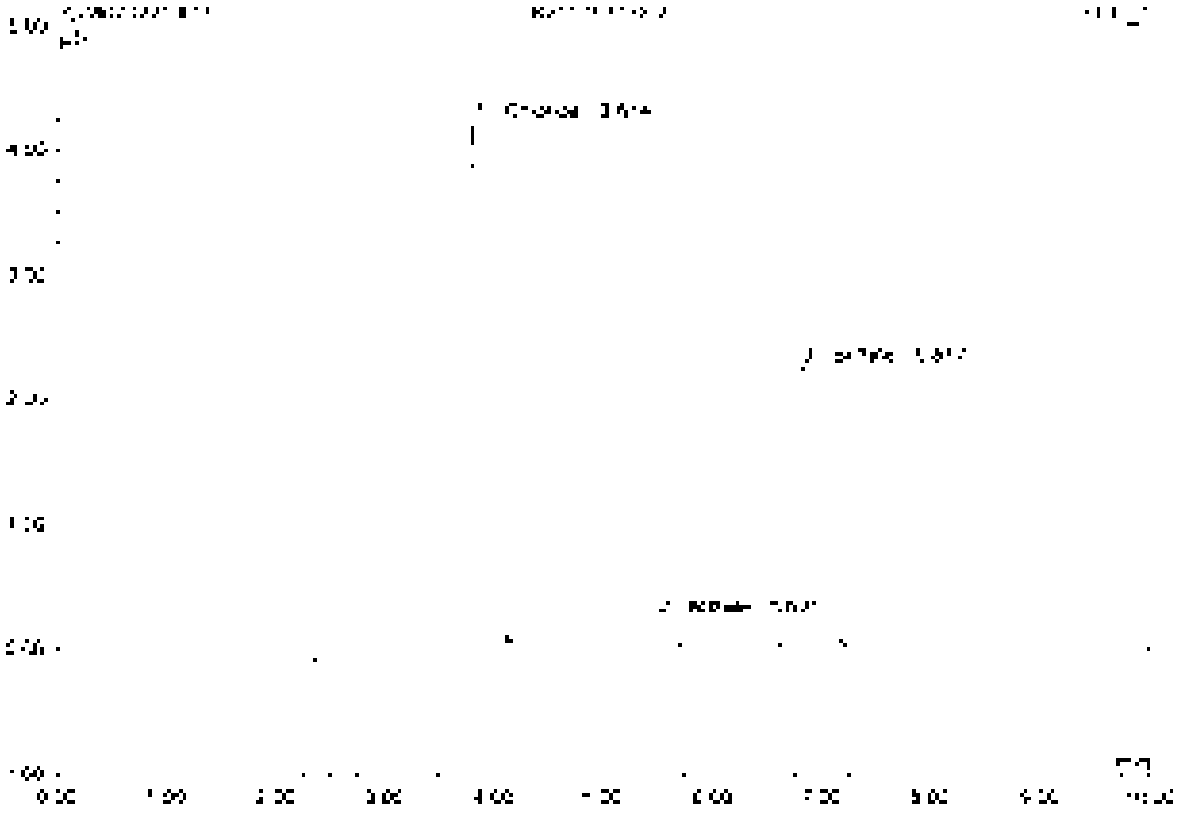
Sample Name	K2107677-001SD	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	4.0000
Recording Time	7/2/2021 15:20	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	2.742	0.517	19.50	9.724	BVb
2	3.51	Chloride	4.404	0.524	19.71	12.713	bVB
3	4.39	Nitrite	4.428	0.714	26.97	5.030	BRB
4	5.02	Bromide	0.551	0.137	5.16	7.750	BMB
5	5.57	Nitrate	1.073	0.829	31.25	7.881	BMB
6	6.80	Sulfate	1.256	0.267	10.08	8.686	BMB
Total:			12.314	2.648	100.00	51.784	

17 K2107677-002

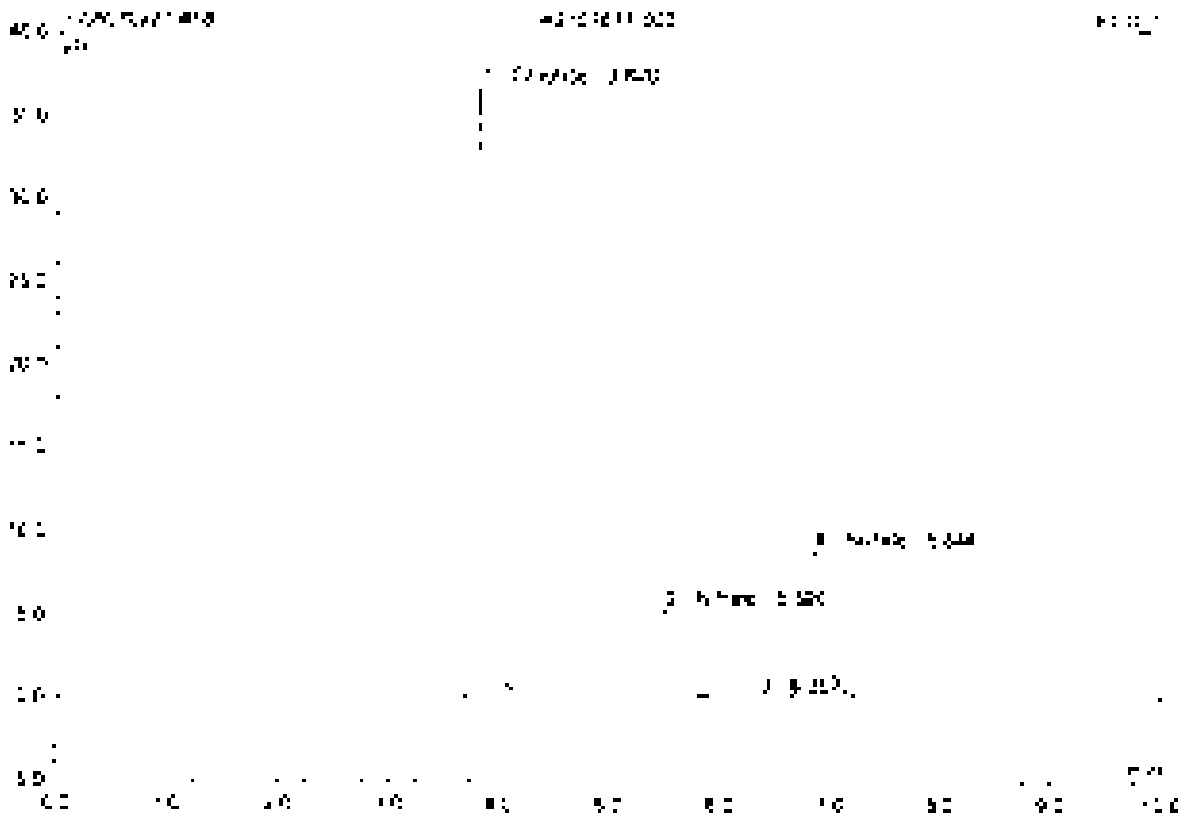
Sample Name	K2107677-002	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant. Method	apa300	Dilution Factor	3.0000
Recording Time	[illegible]/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	5.52	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
3	6.82	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

18 K2107677-003

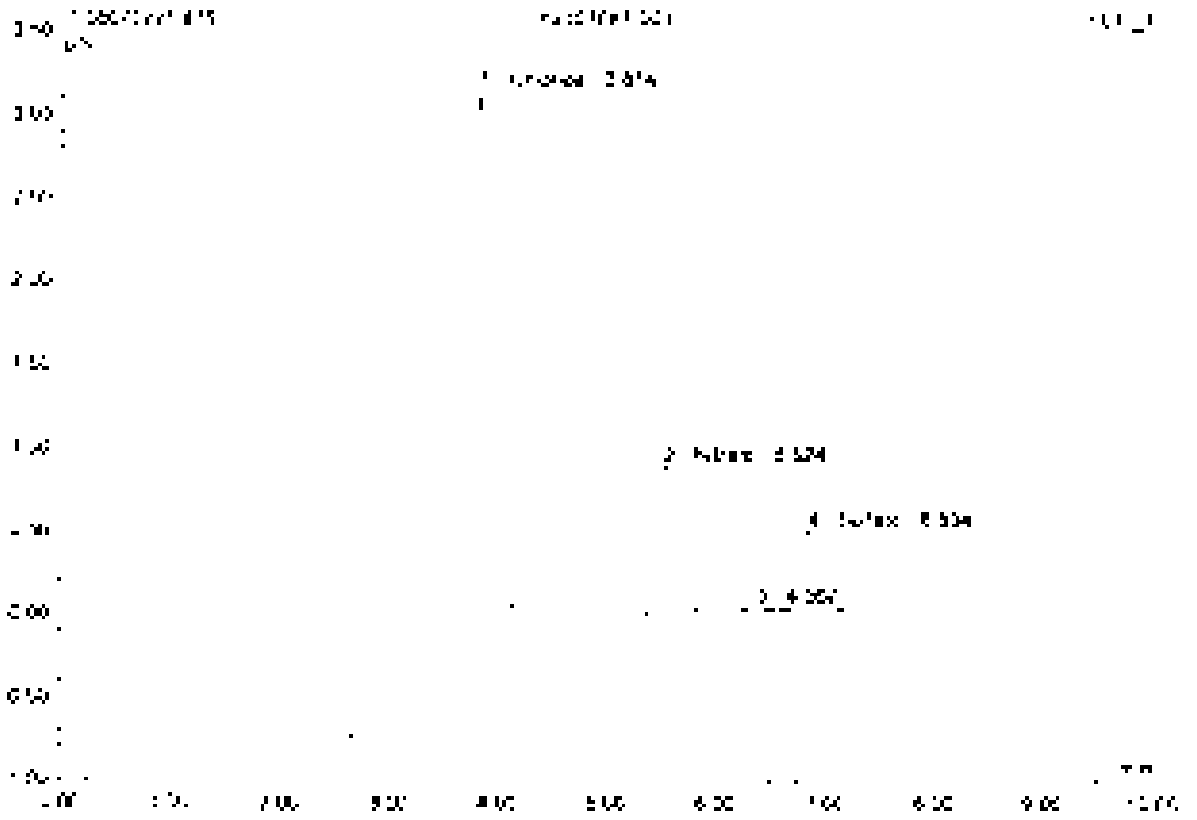
Sample Name	K2107677-003	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Calibration Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/2/2021 18:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height pS	Area µS*min	Rel Area %	Amount	Type
1	3.82	Chloride	36.543	4.109	60.64	47.494	BMB
2	5.52	Nitrate	5.123	0.552	13.21	4.256	BMB
3	5.38	n.a.	0.030	0.000	0.12	n.a.	BMB
4	6.84	Sulfate	8.802	1.764	26.03	22.037	BMB
Total:			50.699	6.775	100.00	69.354	

19 K2107687-001

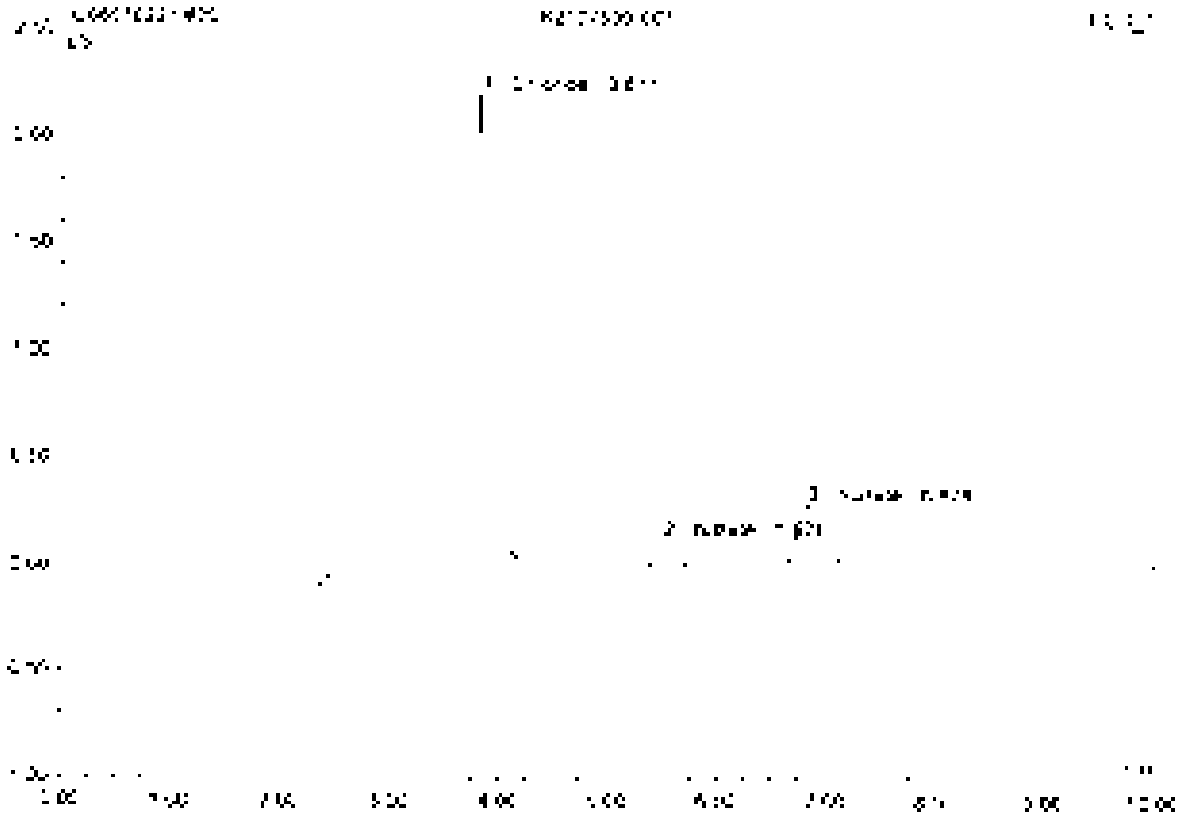
Sample Name	K2107687-001	Injection Volume	25.0
Vial Number	9	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	7/2/2021 16:55	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.51	Chloride	3.127	3.379	60.17	4.782	BMB
2	5.52	Nitrate	0.880	1.142	22.52	0.678	BMB
3	6.37	n.a.	0.020	0.006	0.11	n.a.	BMB
4	5.83	Sulfate	0.481	1.103	16.30	1.658	BMB
Total:			4.521	5.630	100.00	6.720	

20 K2107699-001

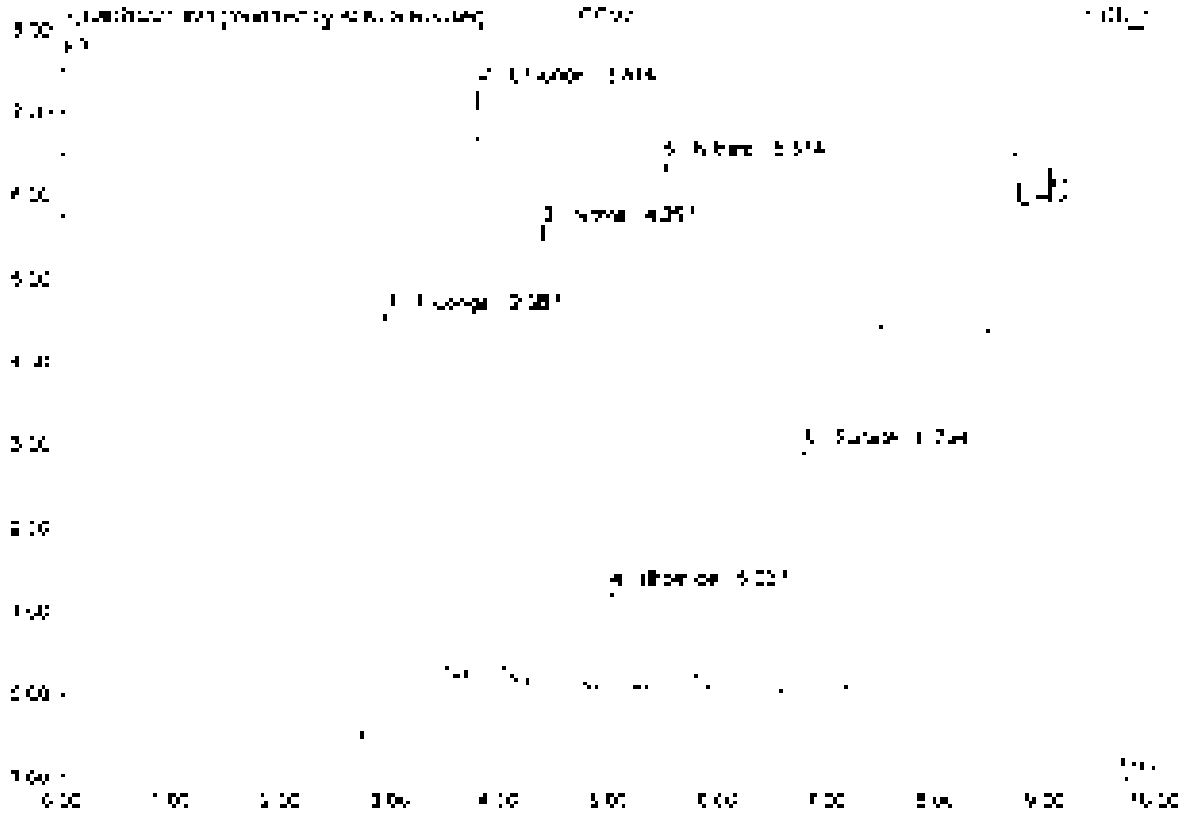
Sample Name	K2107699-001	Injection Volume	25.0
Vial Number	10	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Processing Time	7/7/2021 17:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Chlorpyrifos	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	BMB
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

21 CCV2

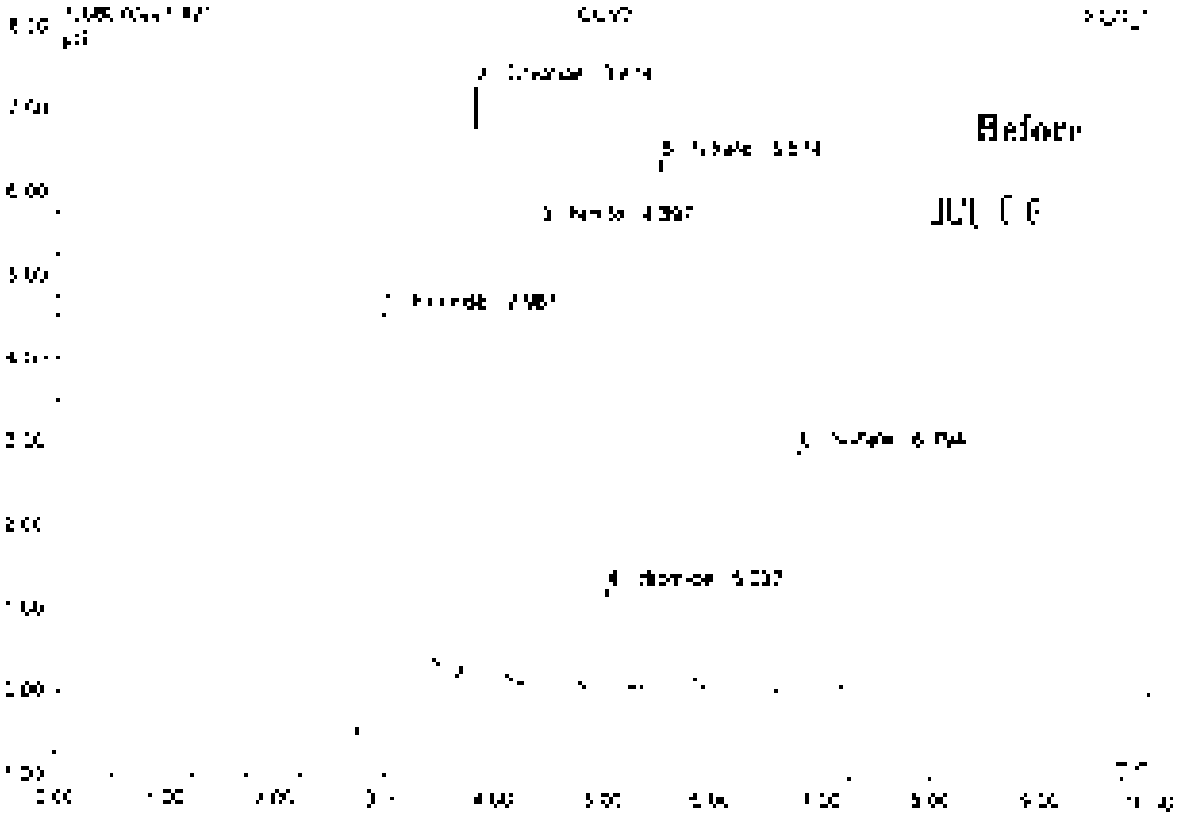
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	LCD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Processing Time	[illegible]/2021 17:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.97	Fluoride	4 [illegible]	1 [illegible]	25.26	4.755	BV8*
2	3.8[illegible]	Chloride	[illegible]	0.830	17.65	4.830	BV8*
3	4.40	Nitrite	5.035	0.882	18.68	2.479	BV9
4	5.03	Bromide	1.181	0.[illegible]71	3.6[illegible]	2.406	BMb
5	5.6[illegible]	Nitrate	6.266	1.034	21.87	2.458	BM8
6	6.79	Sulfate	2.805	0.6[illegible]1	12.9[illegible]	4.957	BV8
Total:			2[illegible].596	4.728	100.00	2[illegible].884	

21 CCV2

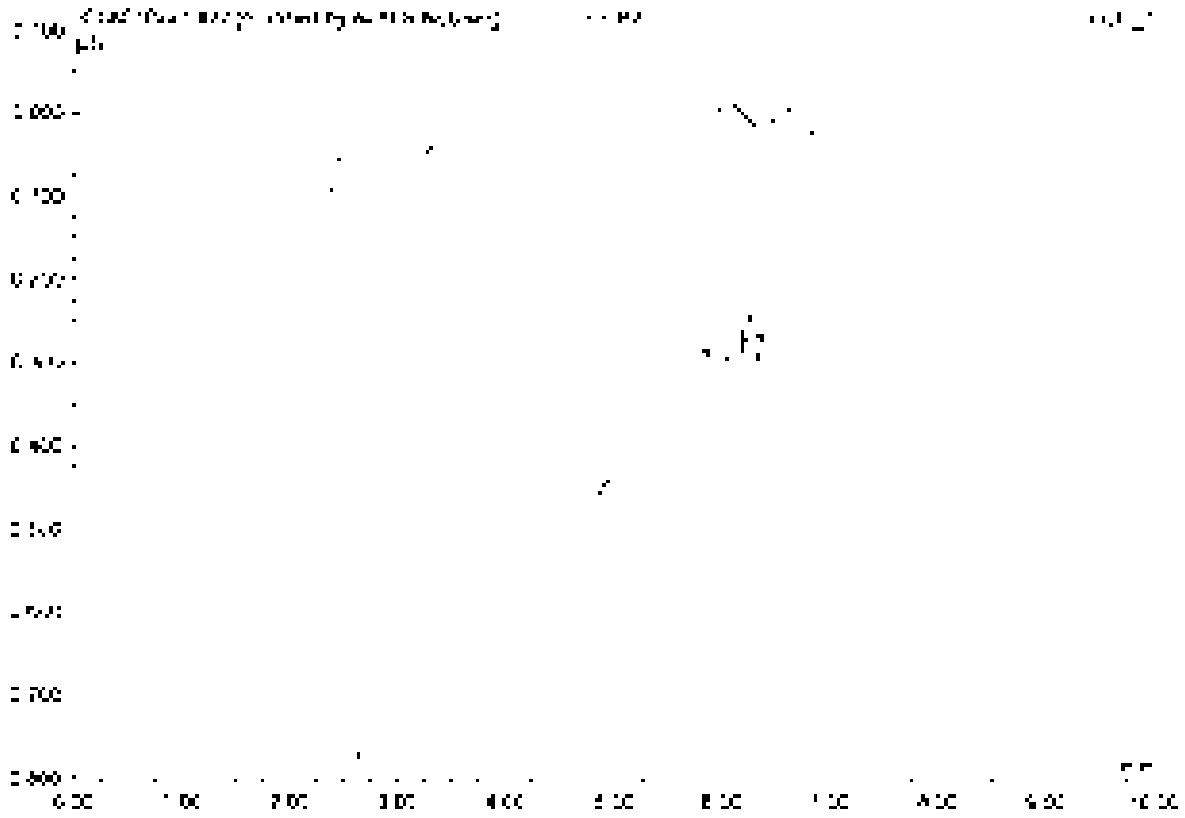
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	7/2/2021 17:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.87	Fluoride	4.944	[illegible]	24.96	4.933	BMB
2	3.91	Chloride	[illegible]	0.936	17.97	4.830	BMB
3	4.40	Nitrite	5.555	0.882	16.49	2.472	BMB
4	5.03	Bromide	[illegible]	0.177	3.38	2.436	BMB
5	5.51	Nitrate	5.355	1.034	21.67	2.452	BMB
6	5.79	Sulfate	2.896	0.6[illegible]	12.79	4.957	BMB
Total:			28.020	4.773	100.00	27.063	

22 CCB2

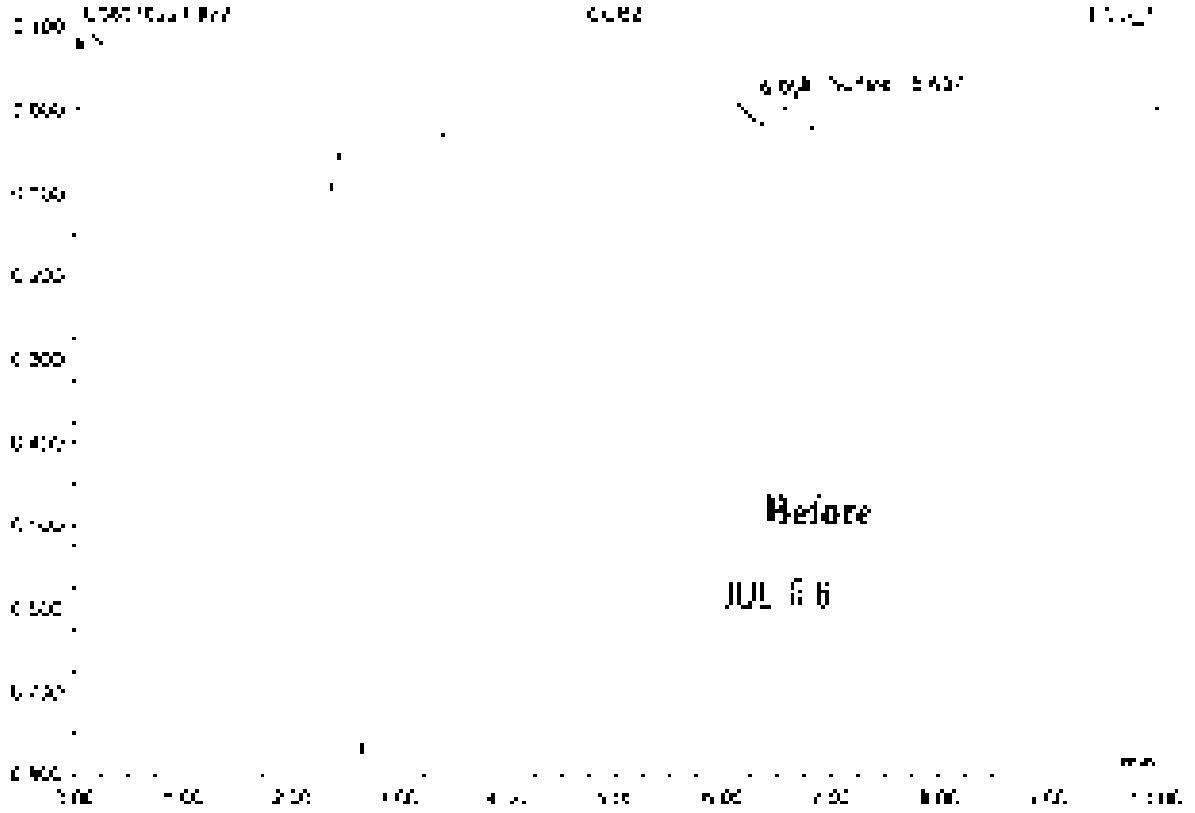
Sample Name	CCB2	Injection Volume	25.0
Vial Number	41	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	7/2/2021 17:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

22 CCB2

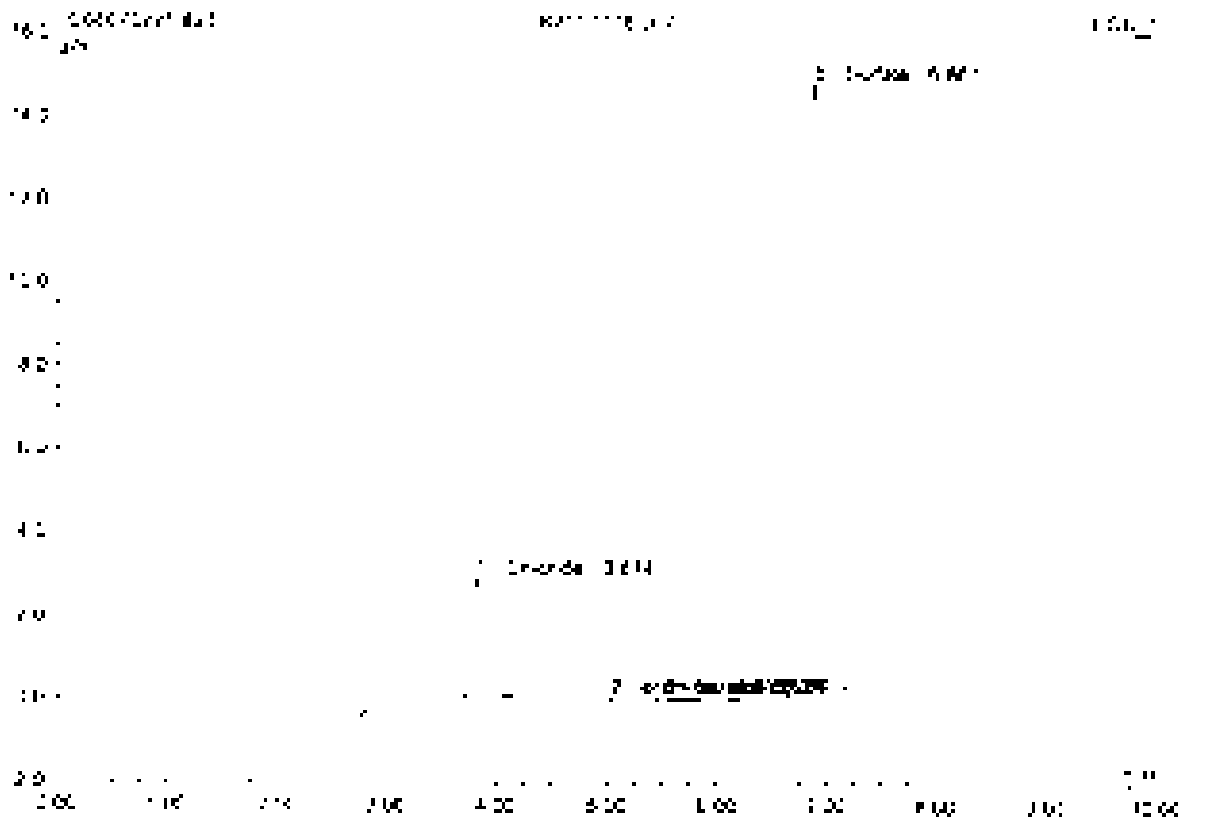
Sample Name	CCB2	Injection Volume	25.0
Vial Number	48	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	7/2/2021 17:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.37	n.a.	0.087	1.269	99.37	n.a.	BMB
2	6.40	Sulfate	0.038	0.008	0.63	0.066	BMB
Total:			0.125	1.277	100.00	0.066	

23 K2107116-007

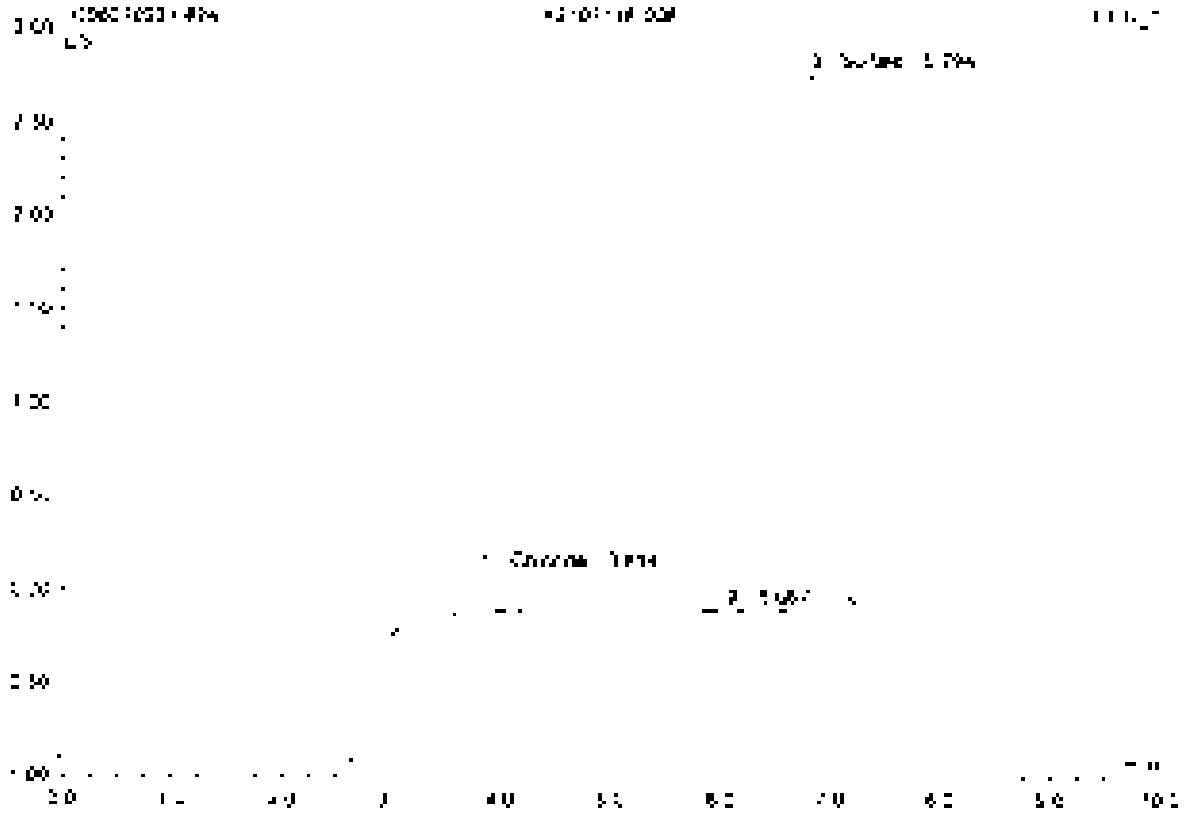
Sample Name	K2107116-007	Injection Volume	25.0
Vial Number	11	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	3.0000
Recording Time	7/2/2021 17:42	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.81	Chloride	2.877	0.245	10.59	4.032	BMB
2	5.25	Bromide	0.036	0.006	0.17	0.156	BMB
3	5.52	Nitrate	0.062	0.016	0.51	0.078	BMB
4	5.31	Na	0.066	0.021	0.65	n.a.	BMB
5	8.38	Sulfate	14.603	2.872	87.77	45.665	BMB
Total:			17.674	3.204	100.00	49.930	

24 K2107118-008

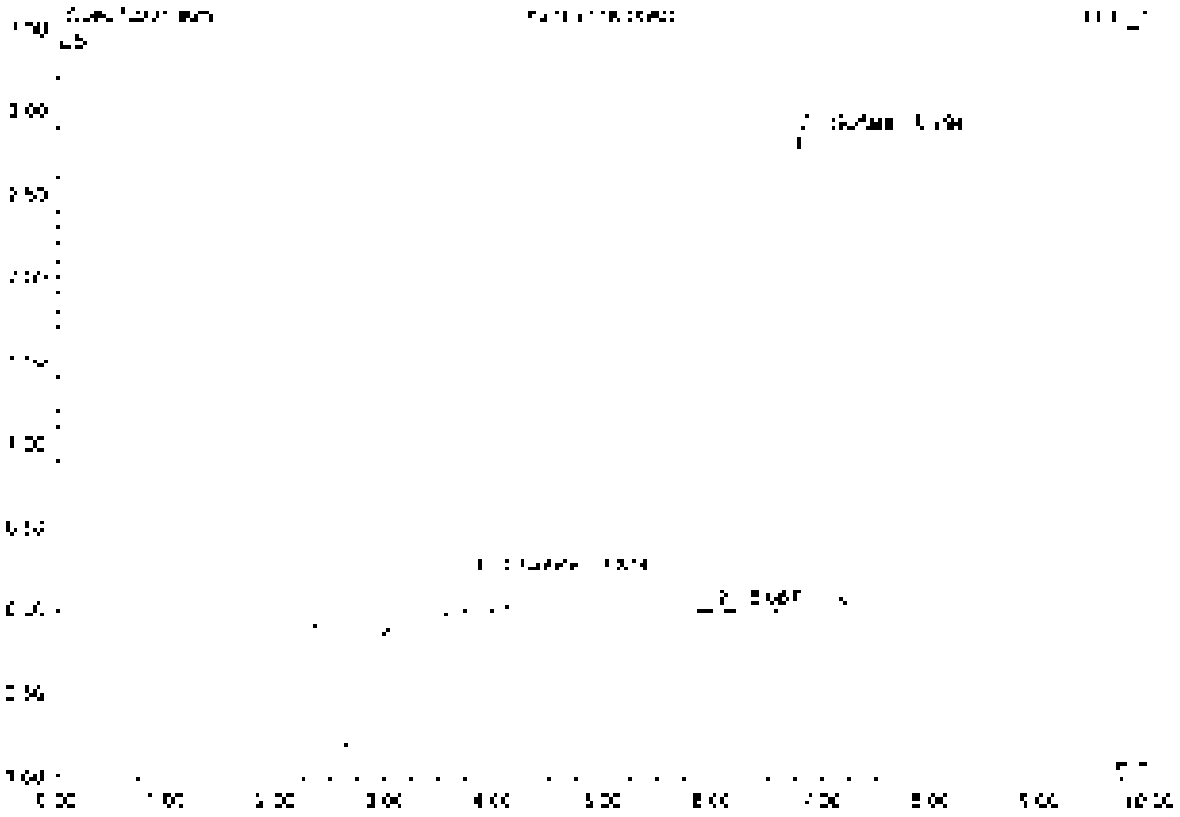
Sample Name	K2107118-008	Injection Volume	25.0
Vial Number	12	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Search Method	epa300	Dilution Factor	200.0000
Recording Time	7/2/2021 17:55	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	3.81	Chloride	0.220	0.029	4.55	[illegible]	BMB
2	5.07	n.a.	0.027	0.007	[illegible]	n.a.	BMB
3	6.79	Sulfate	2.851	0.604	94.27	580.757	BMB
Total:			3.130	0.641	100.00	10[illegible].500	

25 K2107118-008D

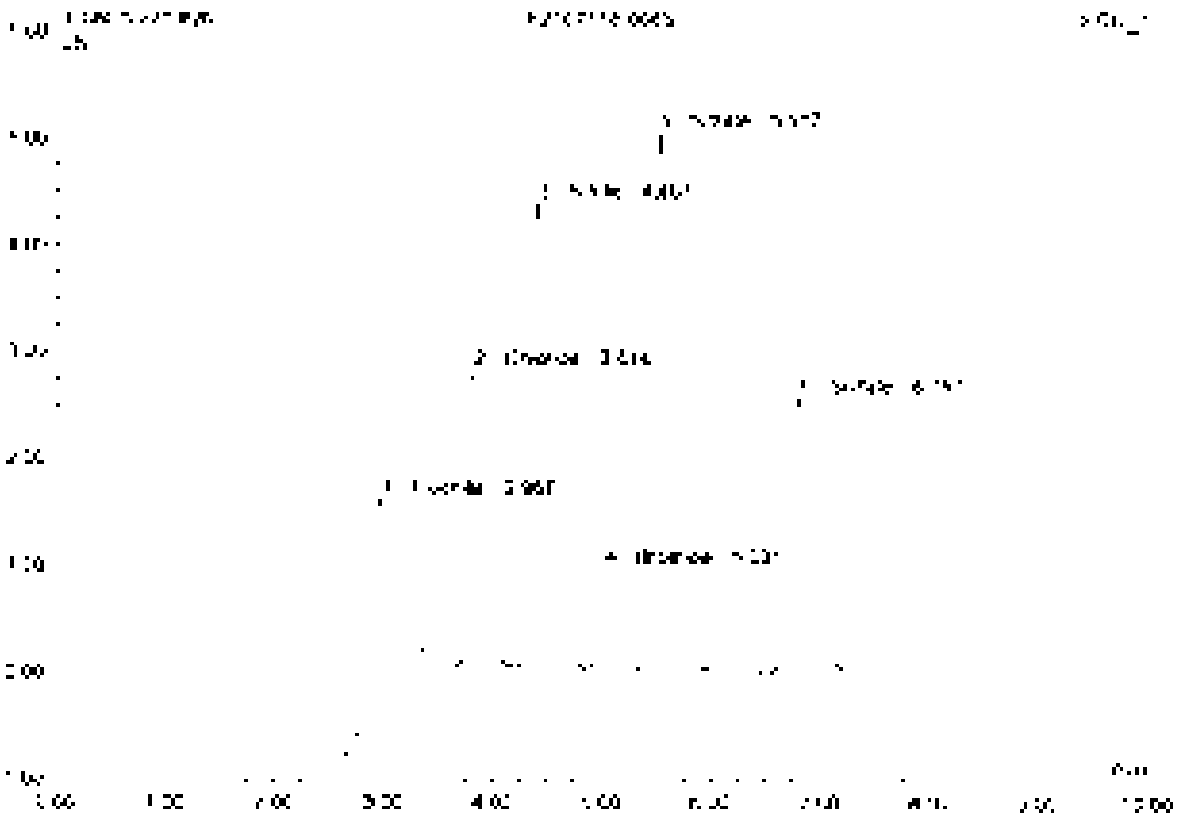
Sample Name	K2107118-008D	Injection Volume	25.0
Vial Number	10	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	200.0000
Processing Time	7/2/2021 10:05	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	3.21	Chloride	0.218	0.028	4.46	32.687	BMB
2	6.06	n.a.	0.025	0.007	1.02	n.a.	BMB
3	6.79	Sulfate	2.837	0.599	94.40	972.256	BMB
Total:			3.080	0.635	100.00	1005.943	

26 K2107118-008S

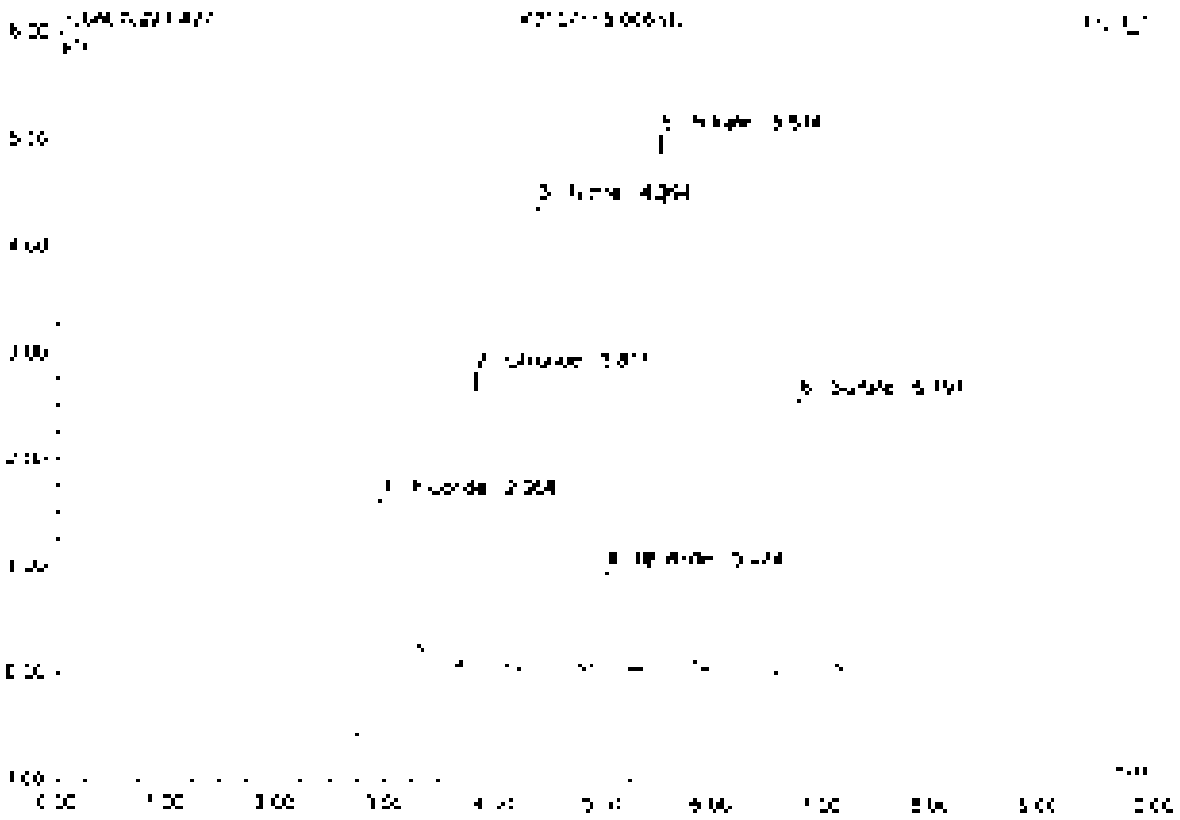
Sample Name	K2107118-008S	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Control Factor	400.0000
Recording Time	7/2/2021 18:16	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.97	Fluoride	2.065	0.158	15.17	552.775	BMB
2	3.91	Chloride	2.770	0.132	10.62	755.915	BMB
3	4.60	Nitrite	4.361	0.696	22.30	782.285	BMB
4	5.31	Bromide	0.939	0.138	4.35	154.901	BMB
5	5.52	Nitrate	5.026	0.820	26.26	772.309	BMB
6	5.80	Sulfate	2.660	0.540	17.37	1754.089	BMB
Total:			17.731	3.124	100.00	5736.282	

27 K2107118-008SD

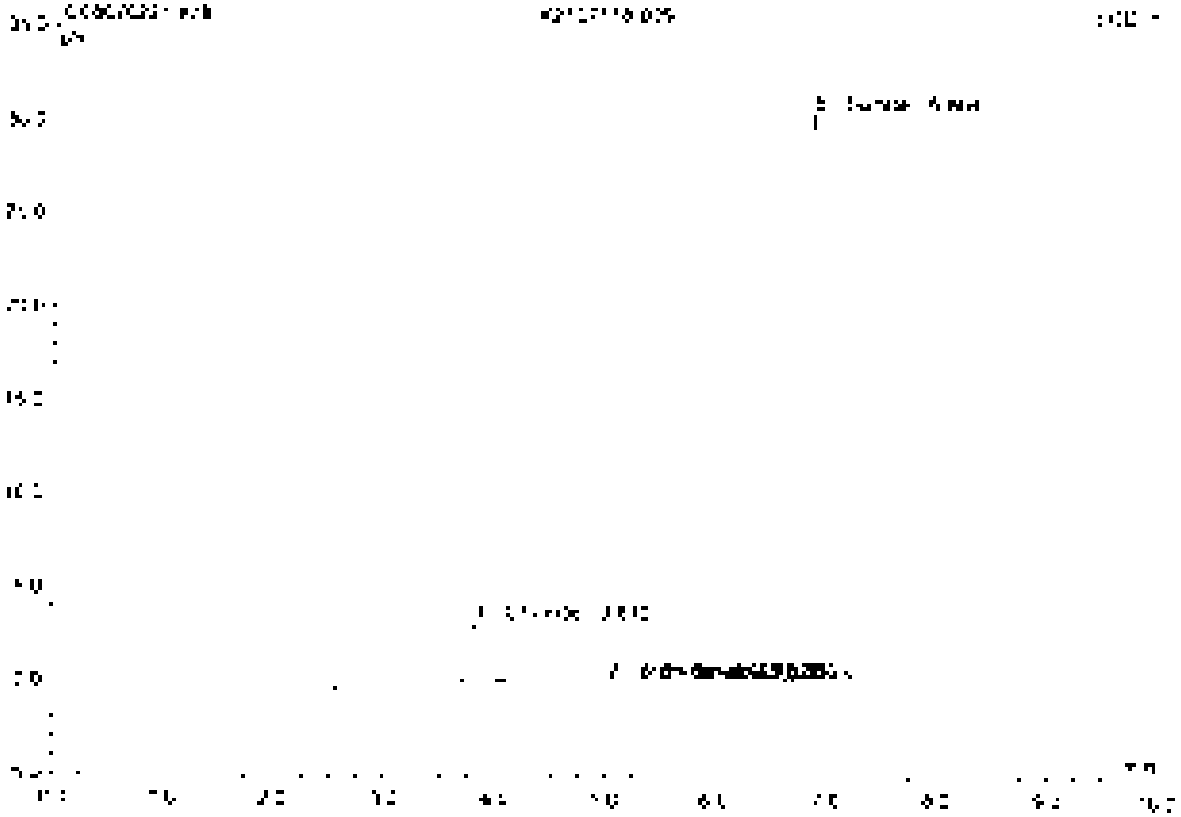
Sample Name	K2107118-008SD	Injection Volume	25.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	400.0000
Recording Time	7/2/2021 18:28	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	2.087	0.502	19.28	958.581	BMB
2	3.81	Chloride	2.704	0.330	10.59	762.379	BMB
3	4.39	Nitrite	4.356	0.594	22.20	786.017	BMB
4	5.02	Bromide	0.937	0.135	4.33	702.425	BMB
5	5.51	Nitrate	5.021	0.819	26.23	778.244	BMB
6	6.79	Sulfate	2.503	0.541	17.34	1757.104	BMB
Total:			[illegible]	3.121	100.00	5759.806	

28 K2107118-009

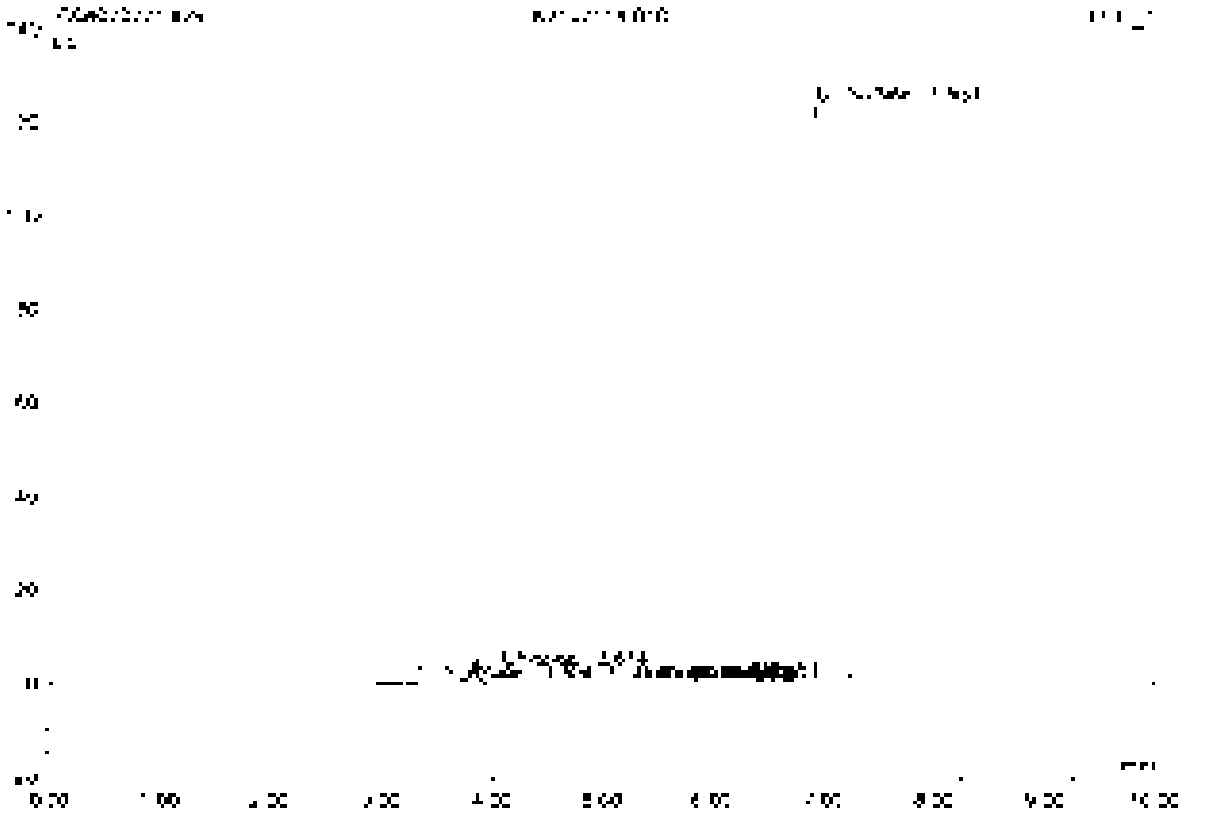
Sample Name	K2107118-009	Injection Volume	25.0
Vial Number	16	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Processing Time	7/8/2021 18:40	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.81	Chlorine	3.145	0.381	5.98	4.804	BV3
2	5.00	Bromide	0.037	0.006	0.09	0.158	BV0
3	5.62	Nitrate	0.078	0.015	0.28	0.383	BV0
4	6.36	n.a.	0.032	0.009	0.14	n.a.	BV0
5	9.86	Sulfate	20.107	5.959	93.51	96.754	BV3
Total:			23.399	6.372	100.00	101.099	

29 K2107118-010

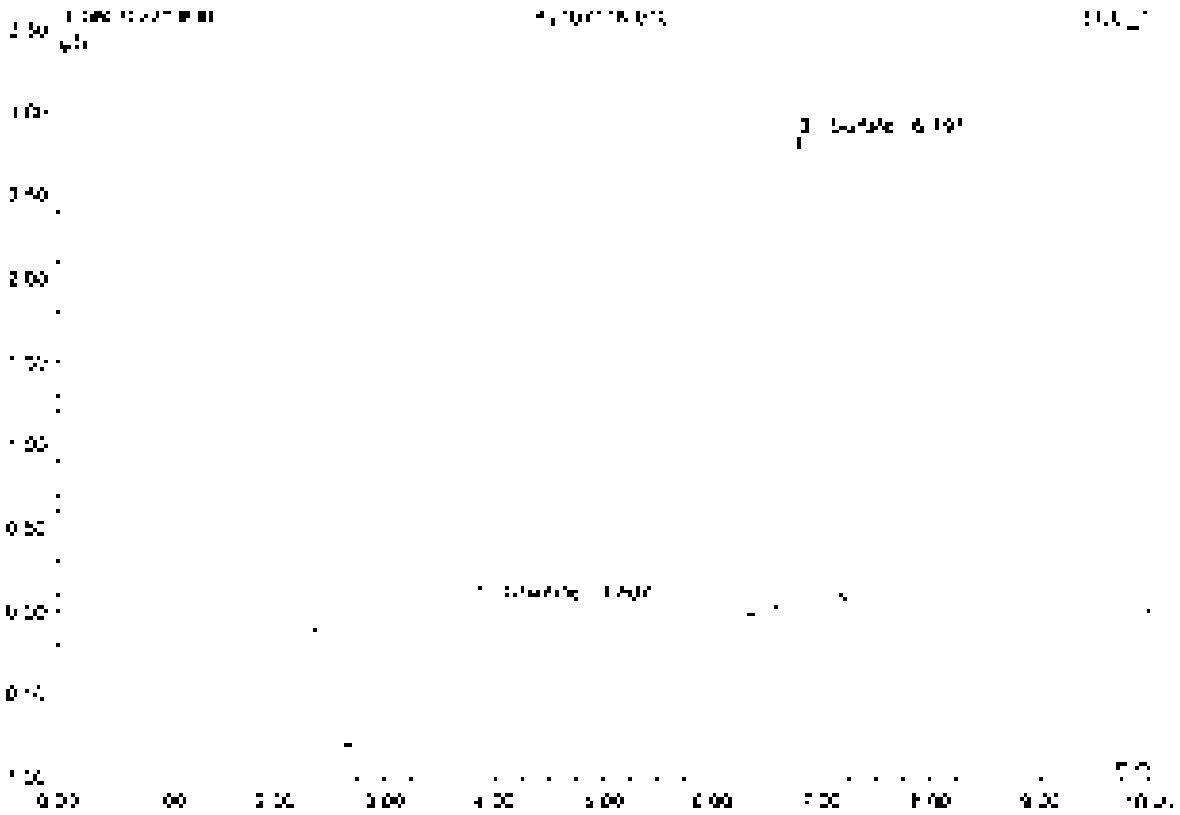
Sample Name	K2107118-010	Injection Volume	25.0
Vial Number	17	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/2/2021 18:51	Sample Weight	1.0000
Run Time (min)	40.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.30	Formate	0.281	0.715	0.57	n.a.	BMB
2	3.81	Chlorate	3.007	0.303	0.96	4.151	BMB
3	5.00	Bromate	0.019	0.005	0.01	0.035	BMB
4	5.52	Nitrite	0.064	0.009	0.02	0.040	BMB
5	6.05	n.a.	0.070	0.014	0.04	n.a.	BMB
6	6.50	Sulfate	122.393	37.375	98.40	506.025	BMB
Total:			125.884	37.932	100.00	510.414	

30 K2107118-010

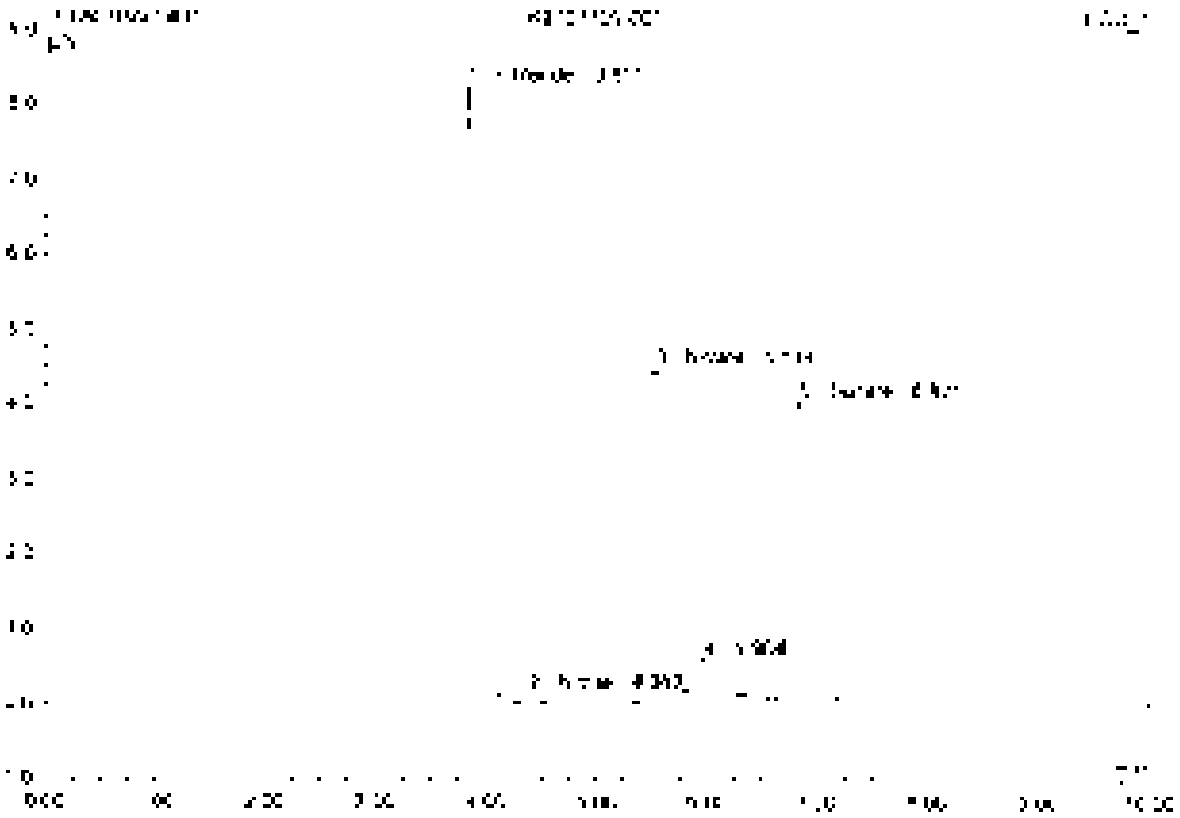
Sample Name	K2107118-010	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	Unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	100.0000
Recording Time	7/2/2021 19:01	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.57	Chloride	3.623	1.417	69.20	818.405	BMB
2	5.79	Sulfate	2.811	0.633	30.80	441.632	BMB
Total:			3.434	2.050	100.00	1316.038	

31 K2107709-001

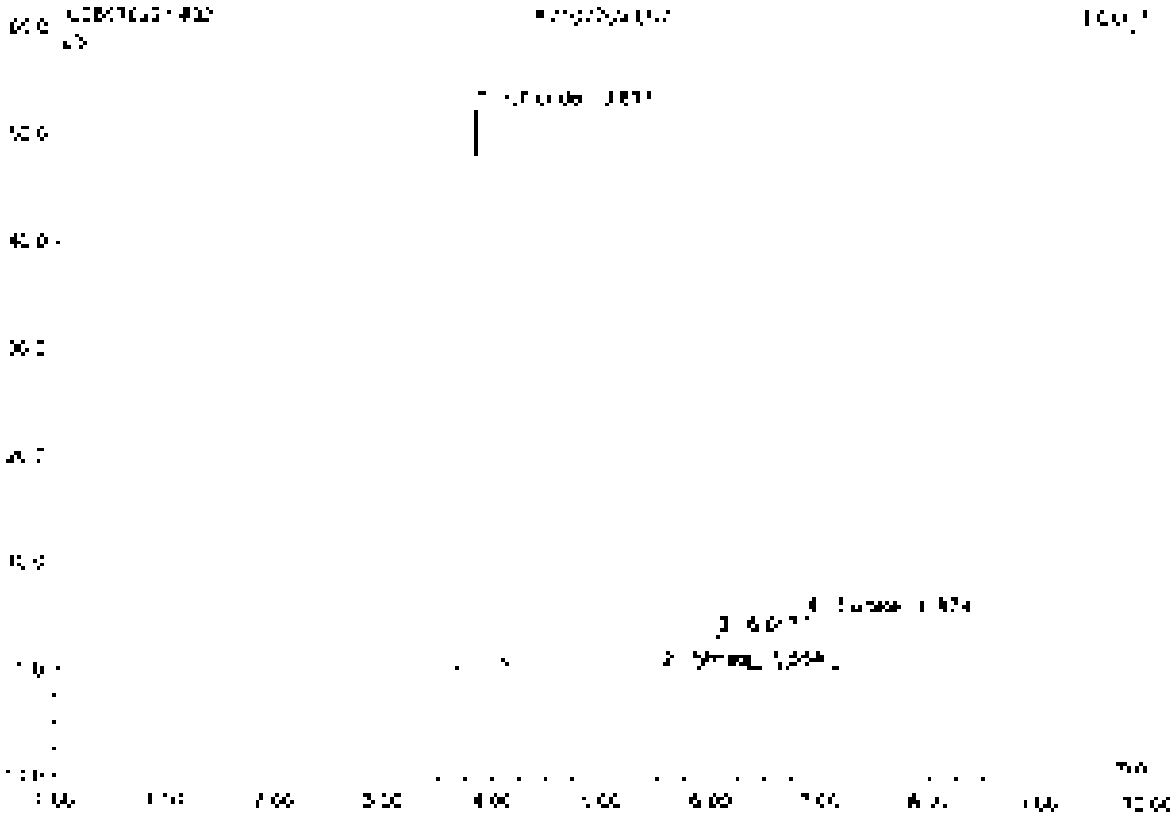
Sample Name	K2107709-001	Injection Volume	26.0
Vial Number	19	Channel	LCD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/2/2021 19:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.81	Chloride	0.218	0.965	37.08	[illegible]	BV B
2	4.39	Nitrite	0.196	0.019	0.71	0.104	BV B
3	5.51	Nitrate	4.426	0.750	28.88	3.327	BV B
4	5.95	n.a.	0.444	0.103	3.97	n.a.	BM B
5	6.82	Sulfate	3.962	0.916	31.36	13.256	BM B
Total:			[illegible]	2.603	100.00	27.637	

32 K2107709-002

Sample Name	K2107709-002	Injection Volume	25.0
Vial Number	20	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	2.0000
Recording Time	7/7/2021 19:26	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



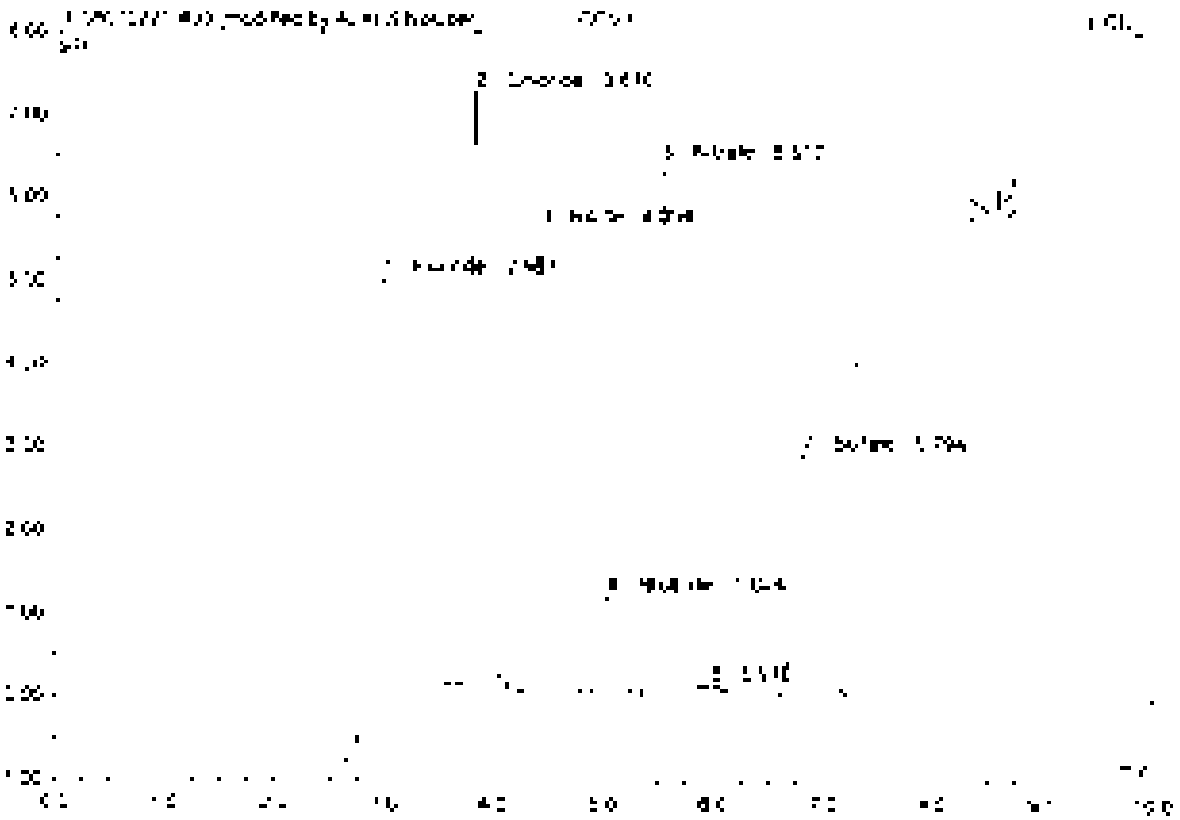
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.52	Chloride	52.250	5.900	78.41	68.175	BMB
2	5.55	Nitrate	3.031	0.508	6.11	0.039	BMB
3	6.06	n.a.	3.180	0.705	9.37	n.a.	BMB
4	6.87	Sulfate	4.850	0.911	12.11	14.759	BMB
Total:			63.310	7.526	100.00	83.073	

Software Integrator

Chromeleon Sc: Dionex 1995-2006
Version 6.80 SR1 to Build 3002 (1962759)

33 CCV3

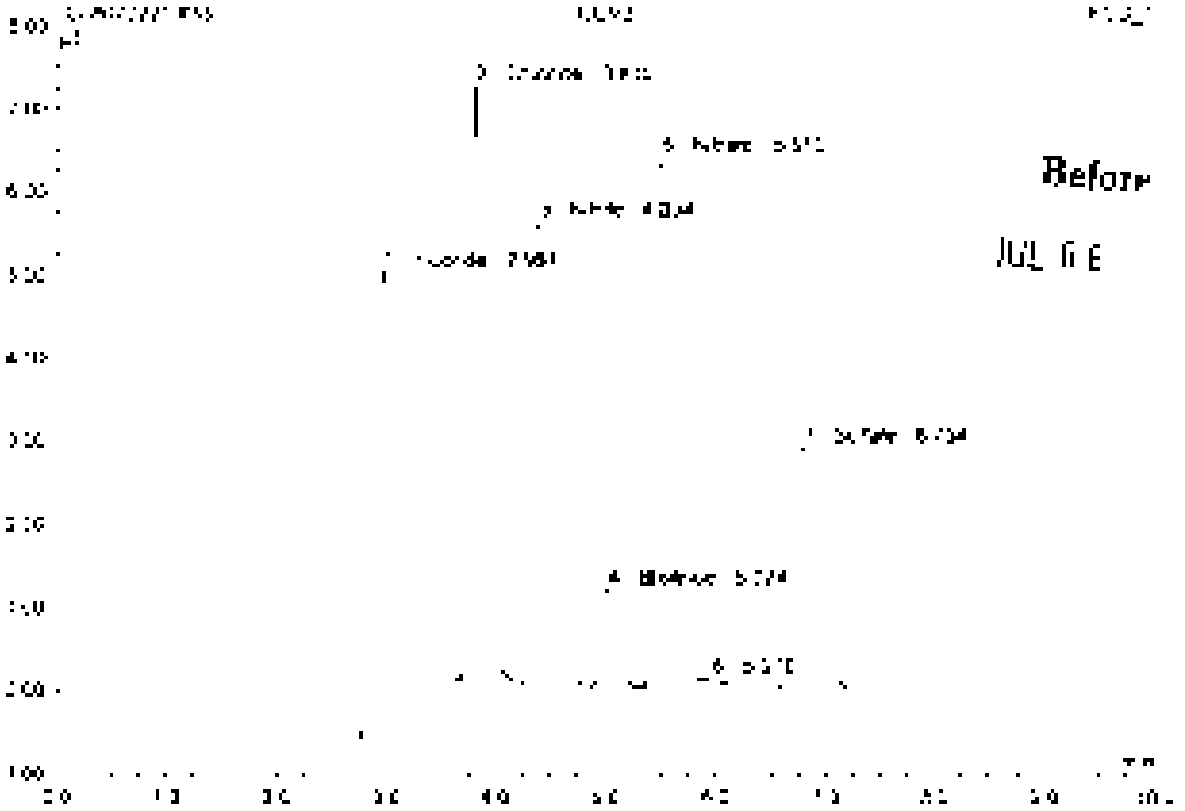
Sample Name	CCV3	Injection Volume	25.0
Vial Number	48	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Calibration Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	7/2/2021 19:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.97	Fluoride	5.422	1.263	25.44	5.000	BV B*
2	3.21	Chloride	7.155	0.838	17.55	4.843	BV B*
3	4.39	Nitrite	5.599	0.880	18.42	2.474	BV B
4	5.02	Bromide	1.196	0.171	3.58	2.436	BV B
5	5.51	Nitrate	6.360	1.011	21.18	2.403	BM B
6	5.97	n.a.	0.042	0.007	0.14	n.a.	BM B
7	6.79	Sulfate	2.900	0.538	12.72	4.502	BM B
Total			28.664	4.778	100.00	22.028	

33 CCV3

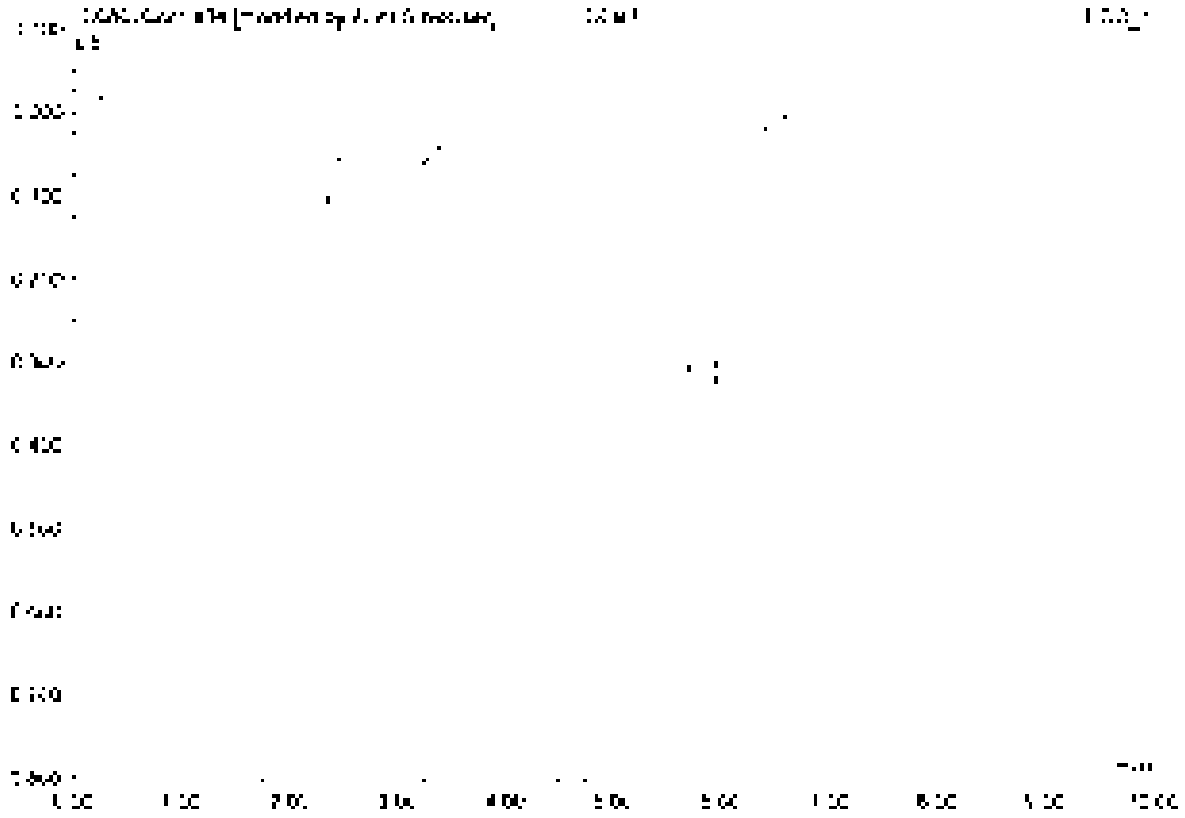
Sample Name	CCV3	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantit. Method	apa300	Dilution Factor	1.0000
Recording Time	7/2/2021 19:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.97	Fluoride	5 452	[illegible]	27.25	5 247	BMB
2	3.81	Chloride	7 155	0 838	17.25	4 843	BMB
3	4.39	Nitrite	5 599	0 880	18.22	2 474	BVB
4	5.02	Bromide	[illegible]	[illegible]	2.54	2 403	BVB
5	5.51	Nitrate	8 [illegible]	[illegible]	20.92	2 402	BVB
6	5.97	n.a.	0 042	0 007	0.16	n.a.	BMB
7	6.79	Sulfate	2 300	0 553	12.58	4 [illegible]	BMB
Total:			28 594	4 831	100.00	22 300	

34 CCB3

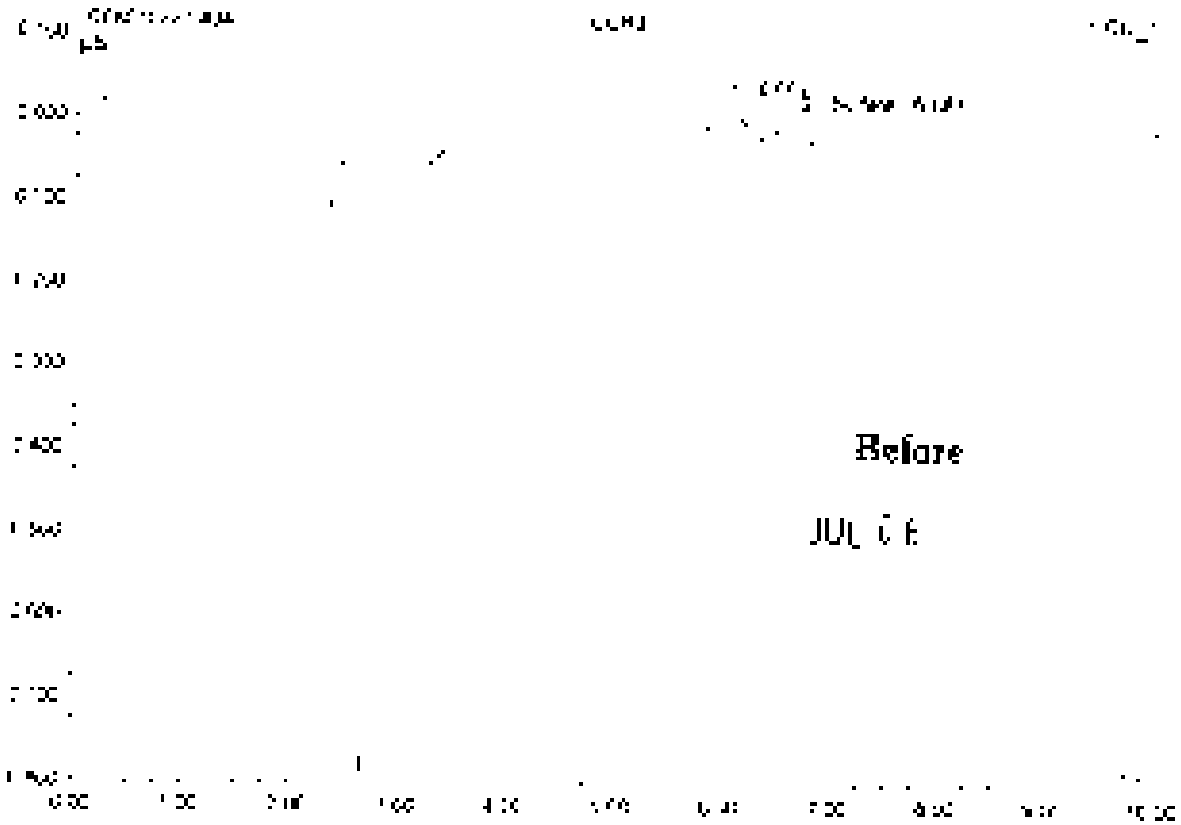
Sample Name	CCB3	Injection Volume	20.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	1.0000
Recovery Time	7/8/2021 10:49	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

34 CCB3

Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	7/2/2021 19:49	Sample Weight	1.0000
Ret. Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	6.21	n.a.	0.110	[illegible]	99.46	[illegible]	BV[illegible]
2	6.62	Sulfate	0.010	0.002	0.54	0.017	BV[illegible]
Total:			0.147	[illegible]	100.00	0.017	

Metals

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

Preparation Information Benchsheet

Prep Run	[illegible]	**Prep Workflow**	[illegible]	**Status**	Proposed	**Prep Date**	[illegible]
Team	Metals	**Prep Method**	EPA [illegible]	**Current Step**	Digestion	**Due Date**	07/08/2021
Analyst	[illegible]	**Rush/NPDES**	N/A			**Hold Date**	[illegible]

24 Total Samples [illegible] 20 Client Samples, 2 Client QC Samples, 2 Water QC Samples associated with the current Prep Run.

Spiking Solutions

Name	Type	ID	Replaces	Name	Type	ID	Replaces
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	

Preparation Materials

Step	Name	ID	Step	Name	ID
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			

Preparation Hardware / Equipment

Step	Name	Property	Value	Step	Name	Property	Value
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]				

Preparation Steps

Step	Started	Finished	By	Assisted By	Approved	Comments
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Comments

Reviewer

[illegible]

Preparation Information Benchsheet

Prep Run.	[illegible]	Prep Workflow	[illegible]	Status	Draft	Prep Date	[illegible]
Team	[illegible]	Prep Method	EPA CLP [illegible]	Current Step	Digestion	Due Date	[illegible]
Analyst	[illegible]	Bucket/NPDES	N/A			Hold Date	[illegible]

[illegible]

[illegible] Total Samples consisting of [illegible] Client Samples, [illegible] QC Samples, 2 Batch QC Samples associated with this current Prep Run

ICPMS LCSW AND SPIKING SOLUTIONS

[illegible] 500mL Dilution of Inorganics Verified ICP-2 Cv-1
Lot# 11190 ICP-ICV-1

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Al	10000	100
Ba	10000	100
Co	2500	25
Mn	2500	25
Ni	2500	25
V	2500	25
Zn	2500	25
Cu	1250	12.5
Ag	1250	12.5
Cr	1000	10
Se	250	2.5

[illegible] 500mL Dilution of 1000ppm Sb
Lot# 1ug/mL Sb

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Sb	1000	10

[illegible] 500mL Dilution of Inorganics Verified ICP-ICV-3
Lot# 11190 ICP-ICV-3

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
As	5000	50
Pb	5000	50
Se	5000	50
Tl	5000	50
Cd	2500	25

[illegible] 500mL Dilution of 1,000 ppm Mo and 1,000 ppm U
Lot# Mo/U 5ppm

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Mo	5000	25
U	5000	25

Service Request # K2107417, K2107120, K2107118, K2107119
Calibration: 072321CICPMS08
ALS LIMS Run# 732[illegible]
Pipette IDs: 16006318, 19070665, 18010244
Pipette Check Due: 08/19/21
Cal Std. MS28-33-I
ICV Std: MS28-32-B
LLICV Std: MS28-33-J
I.S Solution: MS27-100-E
Tune Std: MS28-3-A
ICSA: MS28-32-D
ICSAB: MS28-32-E

ICP-MS Data Review Form

		Yes	No	NA
1	Appropriate standardization completed	X		
2	ICV in control (+/- 10%)	X		
3	CCV s in control (+/- 10%)	X		
4	ICB/CCB s below MRL	X		
5	LLICV standard analyzed and in control	X		
6	ICS standards within 20% of true value			X
6	All analytes within instrument linear range	X		
7	Acequate rinse out time allowed	X		
8	Internal standards in control	X		
9.	Interferences checked	X		
10	Was the run terminated? If so, why		X	

See Benchsheet exception report for sample batch QC information.
Comments [illegible]

Prep Batches [illegible]

Primary Review by [illegible] Date [illegible]

Secondary Review by [illegible] Date [illegible]

Data Review Form

Instrument ID# K-ICP-MS-06

DataFile Name. R:\ICPMS\DATA\K-ICP-MS-06 (Agilent 7500)\072321C.csv

RUN NO. 732436

K2107118

No exceptions to report.

K2107119

No exceptions to report.

K2107120

No exceptions to report.

K2107417

No exceptions to report.

Primary Approver

Secondary Approver.

	Sample								
		Type	Data File	Acq. Date-Time	Type	Level	Sample Name	Comment	Vial No
1			001SMPL	2021 07 23 5 17 40 PM	Sample		[illegible]		2
2			002SMPL	2021 07 23 6 19 02 PM	Sample		[illegible]		1
3			003CALB	2021 07 23 6 20 24 PM	CalBlk		Blank		1
4			004CALS	2021 07 23 6 21 46 PM	CalStd	2	Std2b		2
5			005 CV4	2021 07 23 6 23 08 PM	CV		CV		2101
6			006 CCV	2021 07 23 6 24 32 PM	CCV		CCV		2
7			007 [illegible]	2021 07 23 6 25 54 PM	[illegible]		CB		1
8			008 CCU	2021 07 23 6 27 18 PM	CCU		CCB		1
9			009 CV 2	2021 07 23 6 28 41 PM	[illegible] CV		[illegible]		2102
10			010 CSA d	2021 07 23 6 30 03 PM	CSA		[illegible]		2103
11			011 CSB d	2021 07 23 6 31 25 PM	CSB		CSAB		2104
12			012SMPL	2021 07 23 6 32 47 PM	Sample		MO STD		2105
13			013SMPL	2021 07 23 6 34 20 PM	Sample		K210741 [illegible]	10 ICA	1402
14			014SMPL	2021 07 23 6 35 42 PM	Sample		K210741 008	10 ICX	1403
15			015SMPL	2021 07 23 6 37 06 PM	Sample		K210741 009	10 ICX	1404
16			016SMPL	2021 07 23 6 38 26 PM	Sample		K210741 010	10 ICX	1405
17			017SMPL	2021 07 23 6 39 48 PM	Sample		K210741 011	ICX	1406
18			018SMPL	2021 07 23 6 41 10 PM	Sample		K210741 012	ICX	1407
19			019SMPL	2021 07 23 6 42 32 PM	Sample		K210741 013	ICX	1408
20			020SMPL	2021 07 23 6 43 54 PM	Sample		K210741 014	ICX	1409
21			021SMPL	2021 07 23 6 45 17 PM	Sample		K210741 015	ICX	1410
22			022SMPL	2021 07 23 6 46 39 PM	Sample		K210741 016	ICA	1411
23			023 CCV	2021 07 23 6 48 03 PM	CCV		CCV		2
24			024 CCB	2021 07 23 6 49 25 PM	CCB		CCB		1
25			025 CCB	2021 07 23 6 51 13 PM	CCB		CCB		1
26			026 CCV	2021 07 23 6 52 10 PM	ICCV		ICCVW		2102
27			027 CCI d	2021 07 23 6 53 03 PM	CCI		ICCVW 2a		2202
28			028SMPL	2021 07 23 6 55 56 PM	Sample		K210741 [illegible]	10X Total Metals S	1412
29			029SMPL	2021 07 23 6 56 44 PM	Sample		K210741 017	10X Total Metals S	1501
30			030SMPL	2021 07 23 6 58 41 PM	Sample		K210741 018	10X Dissolved Bal	1502
31			031SMPL	2021 07 23 6 59 37 PM	Sample		K210741 019	10X Dissolved Bal	1503
32			032 CCV	2021 07 23 7 04 25 PM	CCV		CCV		2
33			033 CCB	2021 07 23 7 06 15 PM	CCB		CCB		1
34			034 [illegible]	2021 07 23 7 08 12 PM	[illegible]		[illegible]		1504
35			035 [illegible]	2021 07 23 7 10 04 PM	[illegible]		[illegible]		1505
36			036 [illegible]	2021 07 23 7 11 58 PM	[illegible]		[illegible]		1506
37			037 [illegible]	2021 07 23 7 13 50 PM	Dup		[illegible]		1507
38			038SMPL	2021 07 23 7 15 42 PM	Sample		K210720 001L	5X	1508
39			039 PDS d	2021 07 23 7 17 34 PM	PDS		K210720 001A	150ppb	1509
40			040 SMP d	2021 07 23 7 19 25 PM	Sample		[illegible]		1510

	Sample								
	Type	Pos	Data File	Acq. Date-Time	Type	Level	Sample Name	Comment	Vial No.
41		1	0415MPL	2021/07/23 7:21:17 PM	Sample		K210[illegible]20 002		[illegible]
42		1	0425MPL	2021/07/23 7:23:47 PM	Sample		K210[illegible]20 003		[illegible]
43		1	0435MPL	2021/07/23 7:26:04 PM	Sample		K210[illegible]20 004		[illegible]
44		1	044 CCV	2021/07/23 7:28:27 PM	CCV		CCV		2
45		1	045 CCB	2021/07/23 7:30:49 PM	CCB		CCB		1
46		1	0465MPL	2021/07/23 7:33:13 PM	Sample		K210[illegible]20 001	D	3102
47		1	0475MPL	2021/07/23 7:35:34 PM	Sample		K210[illegible]20 002	D	3103
48		1	0485MPL	2021/07/23 7:37:56 PM	Sample		K210[illegible]20 003	D	3104
49		1	0495MPL	2021/07/23 7:40:20 PM	Sample		K210[illegible]20 004	D	3105
50		1	0505MPL	2021/07/23 7:42:42 PM	Sample		K210[illegible]20 005	10X	3107
51		1	0515MPL	2021/07/23 7:45:04 PM	Sample		K210[illegible]20 000	10 10X	3108
52		1	052 CCV	2021/07/23 7:47:28 PM	CCV		CCV		2
53		1	053 CCB	2021/07/23 7:49:50 PM	CCB		CCB		1
54		1	0541 CCV	2021/07/23 7:52:14 PM	LCCCVW		LCCCVW		2102
55		1	055 LCC[illegible]	2021/07/23 7:54:37 PM	LCC		LCCCVW 5X		2103
56		1	056 PIL 0	2021/07/23 7:57:00 PM	PIL		K2211456 01		3109
57			057 LCS C	2021/07/23 7:59:23 PM	LCS		K2211456 02		3110
58		1	058 AHK 2	2021/07/23 8:01:45 PM	AHK		K210[illegible]18 001	D	3111
59		1	059 Dup C	2021/07/23 8:04:08 PM	Dup		K2211456 03	D	3112
60		1	0605MPL	2021/07/23 8:06:30 PM	Sample		K210[illegible]18 001L	10 5X	3201
61		1	061 FDS 4	2021/07/23 8:08:52 PM	FDS		K210[illegible]18 001A	10 + 500µL	3202
62		1	062 SPK 4	2021/07/23 8:11:14 PM	Spike		K2211456 04	D	3203
63		1	0635MPL	2021/07/23 8:13:37 PM	Sample		K210[illegible]18 002	D	3204
64		1	0645MPL	2021/07/23 8:15:59 PM	Sample		K210[illegible]18 003	D	3205
65		1	0655MPL	2021/07/23 8:18:21 PM	Sample		K210[illegible]18 004	D	3206
66		1	066 CCV	2021/07/23 8:20:43 PM	CCV		CCV		2
67		1	067 CCB	2021/07/23 8:23:05 PM	CCB		CCB		1
68		1	0685MPL	2021/07/23 8:25:28 PM	Sample		K210[illegible]18 005	D	3207
69		1	0695MPL	2021/07/23 8:27:51 PM	Sample		K210[illegible]18 006	D	3208
70		1	0705MPL	2021/07/23 8:30:13 PM	Sample		K210[illegible]18 007	D	3209
71		1	0715MPL	2021/07/23 8:32:36 PM	Sample		K210[illegible]18 008	D	3210
72		1	0725MPL	2021/07/23 8:34:58 PM	Sample		K210[illegible]18 009	D	3211
73		1	0735MPL	2021/07/23 8:37:20 PM	Sample		K210[illegible]18 010	D	3212
74		1	0745MPL	2021/07/23 8:39:42 PM	Sample		K210[illegible]18 001		3301
75		1	0755MPL	2021/07/23 8:42:04 PM	Sample		K210[illegible]18 002		3302
76		1	0765MPL	2021/07/23 8:44:26 PM	Sample		K210[illegible]18 003		3303
77		1	0775MPL	2021/07/23 8:46:48 PM	Sample		K210[illegible]18 004		3304
78		1	078 CCV	2021/07/23 8:49:11 PM	CCV		CCV		2
79		1	079 CCB	2021/07/23 8:51:34 PM	CCB		CCB		1
80		1	0805MPL	2021/07/23 8:53:57 PM	Sample		K210[illegible]18 005		3305

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83			[illegible]	[illegible]	Sample		[illegible]		3308
84			[illegible]	[illegible]	Sample		[illegible]		3309
85			[illegible]	[illegible]	Sample		[illegible]		3310
86			[illegible]	[illegible]	Sample		[illegible]	[illegible]	3312
87			[illegible]	[illegible]	Sample		[illegible]	[illegible]	3313
88			[illegible]	[illegible]	Sample		[illegible]	[illegible]	3314
89			[illegible]	[illegible]	Sample		[illegible]	[illegible]	3315
90			[illegible]	[illegible]	CCV		CCV		2
91			[illegible]	[illegible]	CCB		CCB		-
92			[illegible]	[illegible]	LLCCV		LLCCVW		2202
93			[illegible]	[illegible]	CCV		LLCCVW 2a		2203
94			[illegible]	[illegible]	PB		[illegible]		3404
95			[illegible]	[illegible]	ICS		[illegible]		3405
96			[illegible]	[illegible]	Blank		[illegible]		3406
97			[illegible]	[illegible]	Dup		[illegible]		3407
98			[illegible]	[illegible]	Sample		[illegible]	[illegible]	3408
99			[illegible]	[illegible]	PDS		[illegible]	[illegible]	3409
100			[illegible]	[illegible]	Spike		[illegible]		3410
101			[illegible]	[illegible]	Sample		[illegible]		3411
102			[illegible]	[illegible]	Sample		[illegible]		3412
103			[illegible]	[illegible]	Sample		[illegible]		3413
104			[illegible]	[illegible]	CCV		CCV		2
105			[illegible]	[illegible]	CCB		CCB		-
106			[illegible]	[illegible]	CCB		CCB		-
107			[illegible]	[illegible]	Sample		[illegible]		3507
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109			[illegible]	[illegible]	Sample		[illegible]		3509
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111			[illegible]	[illegible]	Sample		[illegible]		3511
112			[illegible]	[illegible]	Sample		[illegible]		3512
113			[illegible]	[illegible]	Sample		[illegible]	D	3513
114			[illegible]	[illegible]	Sample		[illegible]	D	3514
115			[illegible]	[illegible]	Sample		[illegible]	D	3515
116			[illegible]	[illegible]	Sample		[illegible]	D	3516
117			[illegible]	[illegible]	CCV		CCV		2
118			[illegible]	[illegible]	CCB		CCB		-
119			[illegible]	[illegible]	Sample		[illegible]	D	3517
120			[illegible]	[illegible]	Sample		[illegible]	D	[illegible]

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US EPA Tune Check Report

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US EPA Tune Check Report

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Calibration Batch Report

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Initial Calibration Verification (ICV) Report

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Continuing Calibration Verification (CCV) Report

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Initial Calibration Blank (ICB) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Initial Calibration Verification (LLICV) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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QC Bkgd Table

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Prep Bank (PB) Report

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Laboratory Control Sample (LCS) Report

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Duplicate Sample Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Summary Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Verification (CCV) Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Name	Mass	RID	Type Model	Conc	Units	Type	RT	% Rec	QC Flag
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

QC Flag Table

Name	Mass	Type Model	RRF	RRF RSD	Area(CH)	% Rec	QC Flag
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Name	Weight	ISTD	Type	Conc.	Units	Area Ratio	RT	% Rec.	QC Flag
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

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Name	Weight	Type	Conc.	Units	Area Ratio	% Rec.	QC Flag
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
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Low Level Continuing Calibration Verification (LLCCV) Report

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Name	Mass	Vol.	Type	Conc.	Units	Conc. Mod.	LOD	% Rec.	QC Flag
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
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[illegible]	Mass	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	QC Flag
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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Name	Mass	RSD	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Duplicate Sample Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Sample Report

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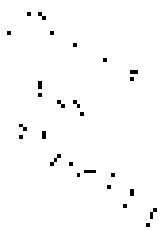

Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Sample Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Service Request # K2107119 #2,4,8,10 Fe Dilutions.
K2107118 #10 Fe Dilution
Calibration. 080321AICPMS06
ALS LIMS Run# 733568
Pipette IDs: 16006318, 19070685, 18010244
Pipette Check Due: 08/19/21
Cal Std: MS28-39-B
ICV Std: MS28-18-A
LLICV Std: MS28-39-C
I S Solution: MS27-100-E
Tune Std: MS28-3-A

ICSA: MS28-37-D
ICSAB: MS28-37-E

ICP-MS Data Review Form

		Yes	No	NA
1.	Appropriate standardization completed	X		
2.	ICV in control (+/- 10%)	X		
3	CCV's in control (+/- 10%)	X		
4	ICB/CCB's below MRL	X		
5.	LLICV standard analyzed and in control	X		
6.	ICS standards within 20% of true value	X		
6	All analytes within instrument linear range	X		
7	Adequate rinse out time allowed	X		
8	Internal standards in control	X		
9	Interferences checked	X		
10	Was the run terminated? if so, why		X	

See Benchsheet exception report for sample batch QC information
Comments

Prep Batches 381843, 381842

Primary Review by [illegible] Date [illegible]

Secondary Review by [illegible] Date [illegible]

Data Review Form

Instrument ID#	K-ICP-MS-06
DataFile Name	R:\ICPMP\DATA\K-ICP-MS-06 (Agilent 7800)\080321A.csv
RUNNO	733568

K2107116

No exceptions to report.

K2107119

No exceptions to report.

Primary Approver _____ _____

Secondary Approver _____ _____

Sample

	Type	Data File	Acq. Date-Time	Type	Sample Name	Comment	Vial Number
1		[illegible]	2021 08 03 12 02 24 P	CalBlk	PB MLK		2
2		002CALB	2021 08 03 12 03 39 P	CalBlk	5 NSL		1
3		003CALB	2021 08 03 12 04 55 P	CalBlk	Blank		1
4		004CALS	2021 08 03 12 06 11 P	CalStd	25ppb		2
5		005 ICV	2021-08-03 12 07 28 P	ICV	ICV		2101
6		006 ICV	2021 08 03 12 08 45 P	ICV	ICV		2
7		007 ICB	2021 08 03 12 10 02 P	ICB	ICB		1
8		008 ICB	2021 08 03 12 11 17 P	ICB	ICB		1
9		009LICV	2021 08 03 12 12 34 P	LICV	LICVW		2102
10		010CSA	2021 08 03 12 13 49 P	ICSA	ICSA		2103
11		011CSB	2021 08 03 12 15 03 P	ICSB	ICSB		2104
12		012SVPL	2021 08 03 12 16 17 P	Sample	MC STD		2105
13		013SVPL	2021 08 03 12 27 12 P	Sample	K210711 9 002	10X	1101
14		014SVPL	2021-08 03 12 28 26 P	Sample	K210711 9 003	DIL	1102
15		015SVPL	2021 08 03 12 29 43 P	Sample	K210711 9 004	10X	1103
16		016SVPL	2021 08 03 12 30 58 P	Sample	K210711 9 004	DIL	1104
17		017SVPL	2021 08 03 12 32 12 P	Sample	K210711 9 005	10X	1105
18		018SVPL	2021 08 03 12 33 27 P	Sample	K210711 9 010	10X	1106
19		019SVPL	2021 08 03 12 34 43 P	Sample	K210711 9 010	DIL	1108
20		020SVPL	2021 08 03 12 35 55 P	Sample	K210711 9 010 C1	10X	1109
21		021SVPL	2021 08 03 12 37 08 P	Sample	K210711 9 010 C2	DIL	1110
22		022SVPL	2021 08 03 12 38 22 P	Sample	K210711 9 010	10X	1111
23		023 CCV	2021 08 03 12 41 38 P	CCV	CCVW		2
24		024 CCB	2021 08 03 12 42 54 P	CCB	CCB		1
25		025 CCB	2021 08 03 12 44 10 P	CCB	CCB		1
26		026 CCV	2021 08 03 12 47 06 P	LCCV	LCCVW		2102
27		027 CCV	2021 08 03 12 48 45 P	LCCV	LCCVW		2102

Analyte

	Name	Mass	STD	Type Mode	Units	Replicates
1	Fe	56	22	nm	ug/l	3
2	Sc	45		dep		3
3	Ge	72		hp		3

US EPA Tune Check Report

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US EPA Tune Check Report

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Initial Calibration Verification (ICV) Report

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Continuing Calibration Verification (CCV) Report

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Initial Calibration Blank (ICB) Report

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Continuing Calibration Verification (CCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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August 03, 2021

Analytical Report for Service Request No: K2107118

Jessica Goin
Anchor QEA, LLC
421 SW Sixth Ave.
Suite 750
Portland, OR 97204

RE: Grumman Road MNR

Dear Jessica,

Enclosed are the results of the sample(s) submitted to our laboratory June 18, 2021
For your reference, these analyses have been assigned our service request number **K2107118.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3376. You may also contact me via email at Mark.Harris@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Mark Harris
Project Manager

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Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Case Narrative

ALS Environmental—Kelso Laboratory
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1317 South 13th Ave, Kelso, WA 98626 | 1-360-577-7222 | www.alsglobal.com

Client: Anchor QEA, LLC
Project: Grumman Road MNR
Sample Matrix: Water

Service Request: K2107118
Date Received: 06/18/2021

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.

Sample Receipt:

Ten water samples were received for analysis at ALS Environmental on 06/18/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

General Chemistry:

No significant anomalies were noted with this analysis.

Approved by _____ Date 08/03/2021

Chain of Custody

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CHAIN OF CUSTODY

Cooler Receipt and Preservation Form

Client _____ Service Request K2[illegible]

Received: [illegible] Opened: [illegible] By: [illegible] Unpacked: [illegible] By: [illegible]

1. Was a temperature reading taken? EXPS FedEx UPS DHL POD Courier Hand Delivered
2. Was a temperature reading taken? Cooler Box Envelope Other N/A
3. Was custody seal on cooler intact? Y N If not, how many and where
   If present, were dates and sig. intact? Y N If present, were dates and sig. intact? Y N
4. Was Temperature Blank present in cooler? Y N If no, indicate temperature of the appropriate container below
   If no, indicate temperature of the container below (or if no temp. blank was present, indicate temp. of the cooler). Sample temp.
5. Were all sample containers in good condition (unbroken)? Y N
   Did all sample containers arrive in good condition (unbroken)? Were all bottles accounted for (no missing)? Y N

Supplemental Cooler Receipt Verification: Initial Partially Thawed Thawed

Temp Blank	Sample Temp	IR Gun	Cooler ID/COC ID/N/A	Out of Temp indicate with "X"	PM Notified If out of temp	Tracking Number N/A	Initial
[illegible]		[illegible]					

5. Did all sample containers arrive in good condition (unbroken)? Intact Broken Bubble Wrap Foil Plastic Wrap Paper Other None Other
6. Were custody papers properly filled out (ink, signed, etc.)? Y N
7. Were sample containers properly marked with sample ID? Y N
8. Were sample labels complete (date, time, preservative, etc.)? Y N
9. Did all sample labels agree with custody papers? Y N
10. Were appropriate containers and volume received for the tests indicated? Y N
11. Were pH preserved bottles (VOAs, Metals, Nutrients, Cyanide, Phenols, TOC, TOX) checked for proper pH? Y N
12. Were VOA vials free of headspace? Y N
13. Were CLP samples? Y N

Sample ID on Bottle	Sample ID on COC	Identified by:

Sample ID	Matrix Count Bottle Type	Headspace	Chlorine	pH	Reagent	Volume added	Reagent Lot Number	Initials	Time

Notes, Discrepancies, Resolutions

General Chemistry

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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 - 06/16/21
Sample Matrix:	Water	**Date Received:**	06/18/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Chloride

Sample Name	Lab Code	Result	MRL	MDL	Dil.	Date Analyzed	Q
GR_GWC_15_010	K2107118-001	**3.95**	0.20	0.02	2	07/02/21 11:32	
GR_GWC_20_010	K2107118-002	**28.2**	2.0	0.2	20	07/01/21 17:47	
GR_GWC_15_107	K2107118-003	**4.04**	0.20	0.02	2	07/02/21 12:30	
GR_GWC_15_207	K2107118-004	**3.98**	0.20	0.02	2	07/02/21 12:42	
GR_GWC_20_107	K2107118-005	**29.6**	2.0	0.2	20	07/01/21 18:22	
GR_GWC_20_207	K2107118-006	**29.6**	2.0	0.2	20	07/01/21 18:33	
GR_GWC_15_007	K2107118-007	**4.03**	0.20	0.02	2	07/02/21 17:42	
GR_GWC_20_007	K2107118-008	**29.8**	2.0	0.2	20	07/01/21 18:56	
GR_GWC_15_111	K2107118-009	**4.40**	0.20	0.02	2	07/02/21 18:40	
GR_GWC_15_211	K2107118-010	**818**	10	0.7	100	07/02/21 19:03	
Method Blank	K2107118-MB1	ND U	0.10	0.007	1	07/01/21 15:51	
Method Blank	K2107118-MB2	ND U	0.10	0.007	1	07/02/21 15:34	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project	Grumman Road MNR	**Date Collected:**	06/15/21
Sample Matrix:	Water	**Date Received:**	06/18/21
		Date Analyzed:	07/02/21

Replicate Sample Summary
General Chemistry Parameters

Sample Name:	GR_GWC_15_010	**Units:**	mg/L
Lab Code:	K2107118-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample K2107118-001DUP Result	Average	RPD	RPD Limit
Chloride	300.0	0.20	0.02	3.95	3.55	3.75	11	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.
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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/15/21
Sample Matrix:	Water	**Date Received:**	06/18/21
		Date Analyzed:	07/2/21
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Chloride

Sample Name:	GR_GWC_15_010	**Units:**	mg/L
Lab Code:	K2107118-001	**Basis:**	NA
Analysis Method:	300.0		
Prep Method:	None		

		Matrix Spike K2107118-001MS			Duplicate Matrix Spike K2107118-001DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Chloride	3.95	11.4	8.00	93	11.4	8.00	93	90-110	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Analyzed:**	07/01/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Chloride

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	729757

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2107118-LCS1	4.78	5.00	96	90-110

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Analyzed:**	07/02/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Chloride

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	729932

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2107118-LCS2	4.79	5.00	96	90-110

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR

Continuing Calibration Verification (CCV) Summary

Chloride

Analysis Method: 300.0 **Units:** mg/L

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	729757	KQ2112326-01	07/01/21 15:16	5.00	4.78	96	90-110
CCV2	729757	KQ2112326-02	07/01/21 17:12	5.00	4.80	96	90-110
CCV3	729757	KQ2112326-03	07/01/21 19:43	5.00	4.75	95	90-110
CCV4	729757	KQ2112326-04	07/02/21 14:07	5.00	4.81	96	90-110
CCV5	729932	KQ2112414-01	07/02/21 14:59	5.00	4.83	97	90-110
CCV6	729932	KQ2112414-02	07/02/21 17:18	5.00	4.83	97	90-110
CCV7	729932	KQ2112414-03	07/02/21 19:38	5.00	4.84	97	90-110

Client: Anchor QEA, LLC **Service Request:**K2107118
Project: Grumman Road MNR

Continuing Calibration Blank (CCB) Summary
Chloride

Analysis Method: 300.0 **Units:**mg/L

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	729757	KQ2112326-05	07/01/21 15:28	0.10	0.007	ND	U
CCB2	729757	KQ2112326-06	07/01/21 17:24	0.10	0.007	ND	U
CCB3	729757	KQ2112326-07	07/01/21 19:55	0.10	0.007	ND	U
CCB4	729757	KQ2112326-08	07/02/21 14:19	0.10	0.007	ND	U
CCB5	729932	KQ2112414-04	07/02/21 15:11	0.10	0.007	ND	U
CCB6	729932	KQ2112414-05	07/02/21 17:30	0.10	0.007	ND	U
CCB7	729932	KQ2112414-06	07/02/21 19:49	0.10	0.007	ND	U

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 - 06/16/21
Sample Matrix:	Water	**Date Received:**	06/18/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Sulfate

Sample Name	Lab Code	Result	MRL	MDL	Dil.	Date Analyzed	Q
GR_GWC_15_010	K2107118-001	**41.3**	4.0	0.4	20	07/01/21 17:35	
GR_GWC_20_010	K2107118-002	**987**	40	4	200	07/02/21 12:19	
GR_GWC_15_107	K2107118-003	**84.8**	4.0	0.4	20	07/01/21 17:58	
GR_GWC_15_207	K2107118-004	**553**	20	2	100	07/02/21 12:53	
GR_GWC_20_107	K2107118-005	**1040**	40	4	200	07/02/21 13:05	
GR_GWC_20_207	K2107118-006	**1380**	80	8	400	07/02/21 13:17	
GR_GWC_15_007	K2107118-007	**46.4**	4.0	0.4	20	07/01/21 18:45	
GR_GWC_20_007	K2107118-008	**981**	40	4	200	07/02/21 17:53	
GR_GWC_15_111	K2107118-009	**89.1**	4.0	0.4	20	07/01/21 19:08	
GR_GWC_15_211	K2107118-010	**498**	20	2	100	07/02/21 19:03	
Method Blank	K2107118-MB1	ND U	0.20	0.02	1	07/01/21 15:51	
Method Blank	K2107118-MB2	ND U	0.20	0.02	1	07/02/21 15:34	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project	Grumman Road MNR	**Date Collected:**	06/16/21
Sample Matrix:	Water	**Date Received:**	06/18/21
		Date Analyzed:	07/02/21

Replicate Sample Summary
General Chemistry Parameters

Sample Name:	GR_GWC_20_007	**Units:**	mg/L
Lab Code:	K2107118-008	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample K2107118-008DUP Result	Average	RPD	RPD Limit
Sulfate	300.0	40	4	981	973	977	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21
Sample Matrix:	Water	**Date Received:**	06/18/21
		Date Analyzed:	07/2/21
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Sulfate

Sample Name:	GR_GWC_20_007	**Units:**	mg/L
Lab Code:	K2107118-008	**Basis:**	NA
Analysis Method:	300.0		
Prep Method:	None		

		Matrix Spike K2107118-008MS			Duplicate Matrix Spike K2107118-008DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Sulfate	981	1750	800	97	1760	800	97	90-110	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Analyzed:**	07/01/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Sulfate

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	729757

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2107118-LCS1	4.93	5.00	99	90-110

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Analyzed:**	07/02/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Sulfate

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	729932

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2107118-LCS2	4.92	5.00	98	90-110

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR

Continuing Calibration Verification (CCV) Summary

Sulfate

Analysis Method: 300.0 **Units:** mg/L

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	729757	KQ2112326-01	07/01/21 15:16	5.00	4.89	98	90-110
CCV2	729757	KQ2112326-02	07/01/21 17:12	5.00	4.91	98	90-110
CCV3	729757	KQ2112326-03	07/01/21 19:43	5.00	4.85	97	90-110
CCV4	729757	KQ2112326-04	07/02/21 14:07	5.00	4.92	98	90-110
CCV5	729932	KQ2112414-01	07/02/21 14:59	5.00	4.88	98	90-110
CCV6	729932	KQ2112414-02	07/02/21 17:18	5.00	4.96	99	90-110
CCV7	729932	KQ2112414-03	07/02/21 19:38	5.00	4.93	99	90-110

Client: Anchor QEA, LLC **Service Request:**K2107118
Project: Grumman Road MNR

Continuing Calibration Blank (CCB) Summary
Sulfate

Analysis Method: 300.0 **Units:**mg/L

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	729757	KQ2112326-05	07/01/21 15:28	0.20	0.02	ND	U
CCB2	729757	KQ2112326-06	07/01/21 17:24	0.20	0.02	ND	U
CCB3	729757	KQ2112326-07	07/01/21 19:55	0.20	0.02	ND	U
CCB4	729757	KQ2112326-08	07/02/21 14:19	0.20	0.02	ND	U
CCB5	729932	KQ2112414-04	07/02/21 15:11	0.20	0.02	ND	U
CCB6	729932	KQ2112414-05	07/02/21 17:30	0.20	0.02	ND	U
CCB7	729932	KQ2112414-06	07/02/21 19:49	0.20	0.02	ND	U

Metals

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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 19:00
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_010	**Basis:**	NA
Lab Code:	K2107118-001		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**261**	ug/L	0.50	0.09	1	07/23/21 20:01	06/25/21	
Iron	6020A	**517**	ug/L	2.0	0.3	1	07/23/21 20:01	06/25/21	
Molybdenum	6020A	**100**	ug/L	0.10	0.03	1	07/23/21 20:01	06/25/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 19:00
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_010	**Basis:**	NA
Lab Code:	K2107118-001		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**252**	ug/L	0.50	0.09	1	07/23/21 20:39	06/25/21	
Iron	6020A	**484**	ug/L	2.0	0.3	1	07/23/21 20:39	06/25/21	
Molybdenum	6020A	**97.0**	ug/L	0.10	0.03	1	07/23/21 20:39	06/25/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 19:15
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_010	**Basis:**	NA
Lab Code:	K2107118-002		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**249**	ug/L	0.50	0.09	1	07/23/21 20:13	06/25/21	
Iron	6020A	**361**	ug/L	2.0	0.3	1	07/23/21 20:13	06/25/21	
Molybdenum	6020A	**563**	ug/L	0.10	0.03	1	07/23/21 20:13	06/25/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 19:15
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_010	**Basis:**	NA
Lab Code:	K2107118-002		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**255**	ug/L	0.50	0.09	1	07/23/21 20:42	06/25/21	
Iron	6020A	**375**	ug/L	2.0	0.3	1	07/23/21 20:42	06/25/21	
Molybdenum	6020A	**561**	ug/L	0.10	0.03	1	07/23/21 20:42	06/25/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 19:10
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_107	**Basis:**	NA
Lab Code:	K2107118-003		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**8.21**	ug/L	0.50	0.09	1	07/23/21 20:15	06/25/21	
Iron	6020A	**132**	ug/L	2.0	0.3	1	07/23/21 20:15	06/25/21	
Molybdenum	6020A	**87.6**	ug/L	0.10	0.03	1	07/23/21 20:15	06/25/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 19:10
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_107	**Basis:**	NA
Lab Code:	K2107118-003		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**152**	ug/L	0.50	0.09	1	07/23/21 20:44	06/25/21	
Iron	6020A	**12500**	ug/L	2.0	0.3	1	07/23/21 20:44	06/25/21	
Molybdenum	6020A	**93.9**	ug/L	0.10	0.03	1	07/23/21 20:44	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 19:30
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_107	**Basis:**	NA
Lab Code:	K2107118-005		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**0.92**	ug/L	0.50	0.09	1	07/23/21 20:25	06/25/21	
Iron	6020A	**37.2**	ug/L	2.0	0.3	1	07/23/21 20:25	06/25/21	
Molybdenum	6020A	**492**	ug/L	0.10	0.03	1	07/23/21 20:25	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 19:30
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_107	**Basis:**	NA
Lab Code:	K2107118-005		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**103**	ug/L	0.50	0.09	1	07/23/21 20:53	06/25/21	
Iron	6020A	**7480**	ug/L	2.0	0.3	1	07/23/21 20:53	06/25/21	
Molybdenum	6020A	**524**	ug/L	0.10	0.03	1	07/23/21 20:53	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 17:45
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_007	**Basis:**	NA
Lab Code:	K2107118-007		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**251**	ug/L	0.50	0.09	1	07/23/21 20:30	06/25/21	
Iron	6020A	**477**	ug/L	2.0	0.3	1	07/23/21 20:30	06/25/21	
Molybdenum	6020A	**97.2**	ug/L	0.10	0.03	1	07/23/21 20:30	06/25/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 17:45
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_007	**Basis:**	NA
Lab Code:	K2107118-007		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**255**	ug/L	0.50	0.09	1	07/23/21 20:58	06/25/21	
Iron	6020A	**514**	ug/L	2.0	0.3	1	07/23/21 20:58	06/25/21	
Molybdenum	6020A	**96.6**	ug/L	0.10	0.03	1	07/23/21 20:58	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 18:00
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_007	**Basis:**	NA
Lab Code:	K2107118-008		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**250**	ug/L	0.50	0.09	1	07/23/21 20:32	06/25/21	
Iron	6020A	**367**	ug/L	2.0	0.3	1	07/23/21 20:32	06/25/21	
Molybdenum	6020A	**575**	ug/L	0.10	0.03	1	07/23/21 20:32	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 18:00
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_007	**Basis:**	NA
Lab Code:	K2107118-008		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**244**	ug/L	0.50	0.09	1	07/23/21 21:01	06/25/21	
Iron	6020A	**361**	ug/L	2.0	0.3	1	07/23/21 21:01	06/25/21	
Molybdenum	6020A	**563**	ug/L	0.10	0.03	1	07/23/21 21:01	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 18:30
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_111	**Basis:**	NA
Lab Code:	K2107118-009		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**16.0**	ug/L	0.50	0.09	1	07/23/21 20:34	06/25/21	
Iron	6020A	**880**	ug/L	2.0	0.3	1	07/23/21 20:34	06/25/21	
Molybdenum	6020A	**97.9**	ug/L	0.10	0.03	1	07/23/21 20:34	06/25/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 18:30
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_111	**Basis:**	NA
Lab Code:	K2107118-009		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**134**	ug/L	0.50	0.09	1	07/23/21 21:03	06/25/21	
Iron	6020A	**11800**	ug/L	2.0	0.3	1	07/23/21 21:03	06/25/21	
Molybdenum	6020A	**98.1**	ug/L	0.10	0.03	1	07/23/21 21:03	06/25/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 18:40
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_211	**Basis:**	NA
Lab Code:	K2107118-010		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**3.28**	ug/L	0.50	0.09	1	07/23/21 20:37	06/25/21	
Iron	6020A	**38200**	ug/L	2.0	0.3	1	07/23/21 20:37	06/25/21	
Molybdenum	6020A	**0.15**	ug/L	0.10	0.03	1	07/23/21 20:37	06/25/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 18:40
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_211	**Basis:**	NA
Lab Code:	K2107118-010		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**221**	ug/L	0.50	0.09	1	07/23/21 21:05	06/25/21	
Iron	6020A	**220000**	ug/L	20	3	10	08/03/21 12:40	06/25/21	
Molybdenum	6020A	**89.7**	ug/L	0.10	0.03	1	07/23/21 21:05	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2111456-01		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	0.50	0.09	1	07/23/21 19:57	06/25/21	
Iron	6020A	ND	U	ug/L	2.0	0.3	1	07/23/21 19:57	06/25/21	
Molybdenum	6020A	ND	U	ug/L	0.10	0.03	1	07/23/21 19:57	06/25/21	

ALS Group USA, Corp.
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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project	Grumman Road MNR	**Date Collected:**	06/15/21
Sample Matrix:	Water	**Date Received:**	06/18/21
		Date Analyzed:	07/23/21

Replicate Sample Summary
Dissolved Metals

Sample Name:	GR_GWC_15_010	**Units:**	ug/L
Lab Code:	K2107118-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2111456-03 Result	Average	RPD	RPD Limit
Arsenic	6020A	0.50	0.09	261	259	260	<1	20
Iron	6020A	2.0	0.3	517	517	517	<1	20
Molybdenum	6020A	0.10	0.03	100	96.6	98.3	3	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Printed 08/03/21 1:44:40 PM

Superset Reference:

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107118
Project:	Grumman Road MNR	**Date Collected:**	06/15/21
Sample Matrix:	Water	**Date Received:**	06/18/21
		Date Analyzed:	07/23/21
		Date Extracted:	06/25/21

Matrix Spike Summary
Dissolved Metals

Sample Name:	GR_GWC_15_010	**Units:**	ug/L
Lab Code:	K2107118-001	**Basis:**	NA
Analysis Method:	6020A		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2111456-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	261	300	50.0	77 #	75-125
Iron	517	551	50.0	69 #	75-125
Molybdenum	100	123	25.0	91	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
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QA/QC Report

Client: Anchor QEA, LLC
Project: Grumman Road MNR
Sample Matrix: Water

Service Request: K2107118
Date Analyzed: 07/23/21

Lab Control Sample Summary
Total Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2111456-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6020A	51.0	50.0	102	80-120
Iron	6020A	49.4	50.0	99	80-120
Molybdenum	6020A	26.1	25.0	105	80-120

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Prep Summary Report

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR
Sample Matrix: Water

Metals

Prep Method: EPA CLP ILM04.0 **Extraction Lot:** 381842
Analytical Method: 6020A **Extraction Date:** 06/25/21 10:33

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Amount	Percent Solids
GR_GWC_15_010	K2107118-001	6/15/21	6/18/21	10 mL	10 mL	
GR_GWC_20_010	K2107118-002	6/15/21	6/18/21	10 mL	10 mL	
GR_GWC_15_107	K2107118-003	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_20_107	K2107118-005	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_15_007	K2107118-007	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_20_007	K2107118-008	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_15_111	K2107118-009	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_15_211	K2107118-010	6/16/21	6/18/21	10 mL	10 mL	
Duplicate	KQ2111456-03DUP	6/15/21	6/18/21	10 mL	10 mL	
Matrix Spike	KQ2111456-04MS	6/15/21	6/18/21	10 mL	10 mL	
GR_GWC_15_010	K2107118-001	6/15/21	6/18/21	10 mL	10 mL	
GR_GWC_20_010	K2107118-002	6/15/21	6/18/21	10 mL	10 mL	
GR_GWC_15_107	K2107118-003	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_20_107	K2107118-005	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_15_007	K2107118-007	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_20_007	K2107118-008	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_15_111	K2107118-009	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_15_211	K2107118-010	6/16/21	6/18/21	10 mL	10 mL	
Method Blank	KQ2111456-01MB	NA	NA	10 mL	10 mL	
Lab Control Sample	KQ2111456-02LCS	NA	NA	10 mL	10.3 mL	

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits
ICV 07/23/21 18:23						
Arsenic	6020A	732436	23.4	25.0	94	90-110
Iron	6020A	732436	47.8	50.0	96	90-110
Molybdenum	6020A	732436	24.3	25.0	97	90-110
CCV 07/23/21 18:24						
Arsenic	6020A	732436	25.0	25.0	100	90-110
Iron	6020A	732436	248	250	99	90-110
Molybdenum	6020A	732436	12.7	12.5	102	90-110
CCV 07/23/21 18:48						
Arsenic	6020A	732436	25.4	25.0	102	90-110
Iron	6020A	732436	253	250	101	90-110
Molybdenum	6020A	732436	12.7	12.5	102	90-110
CCV 07/23/21 19:04						
Arsenic	6020A	732436	24.7	25.0	99	90-110
Iron	6020A	732436	246	250	98	90-110
Molybdenum	6020A	732436	12.6	12.5	101	90-110
CCV 07/23/21 19:28						
Arsenic	6020A	732436	25.3	25.0	101	90-110
Iron	6020A	732436	247	250	99	90-110
Molybdenum	6020A	732436	13.1	12.5	105	90-110
CCV 07/23/21 19:47						
Arsenic	6020A	732436	25.9	25.0	104	90-110
Iron	6020A	732436	248	250	99	90-110
Molybdenum	6020A	732436	12.7	12.5	102	90-110
CCV 07/23/21 20:20						
Arsenic	6020A	732436	25.2	25.0	101	90-110
Iron	6020A	732436	260	250	104	90-110
Molybdenum	6020A	732436	12.7	12.5	101	90-110
CCV 07/23/21 20:49						
Arsenic	6020A	732436	26.1	25.0	104	90-110
Iron	6020A	732436	271	250	108	90-110
Molybdenum	6020A	732436	12.6	12.5	101	90-110
CCV 07/23/21 21:17						
Arsenic	6020A	732436	25.0	25.0	100	90-110
Iron	6020A	732436	249	250	99	90-110
Molybdenum	6020A	732436	12.7	12.5	102	90-110

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits
CCV 07/23/21 21:50						
Arsenic	6020A	732436	25.1	25.0	100	90-110
Iron	6020A	732436	260	250	104	90-110
Molybdenum	6020A	732436	12.8	12.5	102	90-110
CCV 07/23/21 22:21						
Arsenic	6020A	732436	25.3	25.0	101	90-110
Iron	6020A	732436	269	250	107	90-110
Molybdenum	6020A	732436	12.6	12.5	101	90-110
CCV 07/23/21 22:40						
Arsenic	6020A	732436	24.5	25.0	98	90-110
Iron	6020A	732436	252	250	101	90-110
Molybdenum	6020A	732436	12.6	12.5	101	90-110
ICV 08/03/21 12:07						
Iron	6020A	733568	51.6	50.0	103	90-110
CCV 08/03/21 12:08						
Iron	6020A	733568	251	250	100	90-110
CCV 08/03/21 12:41						
Iron	6020A	733568	260	250	104	90-110

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR

INITIAL AND CONTINUING CALIBRATION BLANKS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	C
ICB 07/23/21 18:25				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	0.3	U
Molybdenum	6020A	732436	0.03	U
CCB 07/23/21 18:27				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	0.3	U
Molybdenum	6020A	732436	0.03	U
CCB 07/23/21 18:51				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	0.3	U
Molybdenum	6020A	732436	0.03	U
CCB 07/23/21 19:06				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	0.3	J
Molybdenum	6020A	732436	0.03	U
CCB 07/23/21 19:30				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	0.3	U
Molybdenum	6020A	732436	0.05	J
CCB 07/23/21 19:49				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	0.3	U
Molybdenum	6020A	732436	0.03	U
CCB 07/23/21 20:23				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	1.8	J
Molybdenum	6020A	732436	0.03	U
CCB 07/23/21 20:51				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	1.8	J
Molybdenum	6020A	732436	0.03	U
CCB 07/23/21 21:20				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	1.0	J
Molybdenum	6020A	732436	0.03	U

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR

INITIAL AND CONTINUING CALIBRATION BLANKS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	C
CCB 07/23/21 21:55				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	1.2	J
Molybdenum	6020A	732436	0.03	U
CCB 07/23/21 22:24				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	1.8	J
Molybdenum	6020A	732436	0.03	U
CCB 07/23/21 22:45				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	1.5	J
Molybdenum	6020A	732436	0.03	U
ICB 08/03/21 12:10				
Iron	6020A	733568	0.3	U
CCB 08/03/21 12:11				
Iron	6020A	733568	0.3	U
CCB 08/03/21 12:45				
Iron	6020A	733568	1.1	J

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR

LOW LEVEL INITIAL AND LOW LEVEL CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
LLICV							
Arsenic	6020A	732436	0.45	0.5	90	70-130	07/23/21 18:28
Iron	6020A	732436	2.1	2.0	103	70-130	07/23/21 18:28
Molybdenum	6020A	732436	0.076	0.1	76	70-130	07/23/21 18:28
LLCCV							
Arsenic	6020A	732436	0.48	0.5	96	70-130	07/23/21 18:53
Iron	6020A	732436	2.0	2.0	98	70-130	07/23/21 18:53
Molybdenum	6020A	732436	0.11	0.1	113	70-130	07/23/21 18:53
LLCCV							
Arsenic	6020A	732436	0.51	0.5	101	70-130	07/23/21 19:52
Iron	6020A	732436	2.2	2.0	109	70-130	07/23/21 19:52
Molybdenum	6020A	732436	0.11	0.1	107	70-130	07/23/21 19:52
LLCCV							
Arsenic	6020A	732436	0.53	0.5	107	70-130	07/23/21 21:22
Iron	6020A	732436	2.4	2.0	118	70-130	07/23/21 21:22
Molybdenum	6020A	732436	0.10	0.1	104	70-130	07/23/21 21:22
LLCCV							
Arsenic	6020A	732436	0.48	0.5	97	70-130	07/23/21 22:50
Molybdenum	6020A	732436	0.096	0.1	96	70-130	07/23/21 22:50
LLCCV							
Iron	6020A	732436	4.6	4.0	114	70-130	07/23/21 22:55
LLICV							
Iron	6020A	733568	2.1	2.0	105	70-130	08/03/21 12:12
LLCCV							
Iron	6020A	733568	2.6	2.0	129	70-130	08/03/21 12:49

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSA **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Arsenic	6020A	732436	0.17	-	-	-	07/23/21 18:30
Iron	6020A	732436	46500	-	-	-	07/23/21 18:30
Molybdenum	6020A	732436	52.6	-	-	-	07/23/21 18:30

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSAB **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Arsenic	6020A	732436	24.1	25.0	97	80-120	07/23/21 18:31
Iron	6020A	732436	47600	-	-	-	07/23/21 18:31
Molybdenum	6020A	732436	51.9	-	-	-	07/23/21 18:31

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSA **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Iron	6020A	733568	47500	-	-	-	08/03/21 12:13

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSAB **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Iron	6020A	733568	47000	-	-	-	08/03/21 12:15

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR

POST SPIKE SAMPLE RECOVERY

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Post Spike Result	True Value	% Rec	% Rec. Limits	Analysis Date
K2107118-001A								
Arsenic	6020A	732436	261	301	50.0	80 #	80-120	07/23/21 20:08
Iron	6020A	732436	517	557	50.0	81 #	80-120	07/23/21 20:08
Molybdenum	6020A	732436	100	146	50.0	92	80-120	07/23/21 20:08

Results flagged with a pound (#) indicate the control criteria is not applicable.

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR

ICP SERIAL DILUTIONS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Serial Dillution Result	% Diff	% Diff. Limit	Analysis Date
K2107118-001SDL							
Arsenic	6020A	732436	261	263	1	10	07/23/21 20:06
Iron	6020A	732436	517	525	2	10	07/23/21 20:06
Molybdenum	6020A	732436	100	96.7	4	10	07/23/21 20:06

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR/

Detection Limits

Instrument: K-ICP-MS-06 **Matrix:** Water

Analyte	Mass	Units	MRL	MDL	Method
Arsenic	75	ug/L	0.5	0.09	6020A
Iron	56	ug/L	2	0.3	6020A
Molybdenum	95	ug/L	0.1	0.03	6020A

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR/

ICP Linear Range (Quarterly)

Instrument: K-ICP-MS-06

Analyte	Concentration (ug/L)	Method
Arsenic 75	4500	6020A
Iron 56	45000	6020A
Molybdenum 95	4500	6020A

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
ZZZZZZ	1	07/23/21 18:20			
ZZZZZZ	1	07/23/21 18:21			
ICV	1	07/23/21 18:23	X	X	X
CCV	1	07/23/21 18:24	X	X	X
ICB	1	07/23/21 18:25	X	X	X
CCB	1	07/23/21 18:27	X	X	X
LLICVW	1	07/23/21 18:28	X	X	X
ICSA	1	07/23/21 18:30	X	X	X
ICSAB	1	07/23/21 18:31	X	X	X
ZZZZZZ	1	07/23/21 18:32			
ZZZZZZ	10	07/23/21 18:34			
ZZZZZZ	10	07/23/21 18:35			
ZZZZZZ	10	07/23/21 18:37			
ZZZZZZ	10	07/23/21 18:38			
ZZZZZZ	10	07/23/21 18:39			
ZZZZZZ	10	07/23/21 18:41			
ZZZZZZ	10	07/23/21 18:42			
ZZZZZZ	10	07/23/21 18:43			
ZZZZZZ	10	07/23/21 18:45			
ZZZZZZ	10	07/23/21 18:46			
CCV	1	07/23/21 18:48	X	X	X
ZZZZZZ	1	07/23/21 18:49			
CCB	1	07/23/21 18:51	X	X	X
LLCCVW	1	07/23/21 18:53	X	X	X
ZZZZZZ	1	07/23/21 18:55			
ZZZZZZ	10	07/23/21 18:56			
ZZZZZZ	10	07/23/21 18:58			
ZZZZZZ	10	07/23/21 19:00			
ZZZZZZ	10	07/23/21 19:02			
CCV	1	07/23/21 19:04	X	X	X
CCB	1	07/23/21 19:06	X	X	X
ZZZZZZ	1	07/23/21 19:08			
ZZZZZZ	1	07/23/21 19:10			
ZZZZZZ	1	07/23/21 19:11			
ZZZZZZ	1	07/23/21 19:13			
ZZZZZZ	5	07/23/21 19:15			
ZZZZZZ	1	07/23/21 19:17			

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
ZZZZZZ	1	07/23/21 19:19			
ZZZZZZ	1	07/23/21 19:21			
ZZZZZZ	1	07/23/21 19:23			
ZZZZZZ	1	07/23/21 19:26			
CCV	1	07/23/21 19:28	X	X	X
CCB	1	07/23/21 19:30	X	X	X
ZZZZZZ	1	07/23/21 19:33			
ZZZZZZ	1	07/23/21 19:35			
ZZZZZZ	1	07/23/21 19:37			
ZZZZZZ	1	07/23/21 19:40			
ZZZZZZ	10	07/23/21 19:42			
ZZZZZZ	10	07/23/21 19:45			
CCV	1	07/23/21 19:47	X	X	X
CCB	1	07/23/21 19:49	X	X	X
LLCCVW	1	07/23/21 19:52	X	X	X
ZZZZZZ	1	07/23/21 19:54			
KQ2111456-01MB	1	07/23/21 19:57	X	X	X
KQ2111456-02LCS	1	07/23/21 19:59	X	X	X
K2107118-001	1	07/23/21 20:01	X	X	X
K2107118-001DUP	1	07/23/21 20:04	X	X	X
K2107118-001SDL	5	07/23/21 20:06	X	X	X
K2107118-001PS	1	07/23/21 20:08	X	X	X
K2107118-001MS	1	07/23/21 20:11	X	X	X
K2107118-002	1	07/23/21 20:13	X	X	X
K2107118-003	1	07/23/21 20:15	X	X	X
K2107118-004.R01	1	07/23/21 20:18	X		X
CCV	1	07/23/21 20:20	X	X	X
CCB	1	07/23/21 20:23	X	X	X
K2107118-005	1	07/23/21 20:25	X	X	X
K2107118-006.R01	1	07/23/21 20:27	X		X
K2107118-007	1	07/23/21 20:30	X	X	X
K2107118-008	1	07/23/21 20:32	X	X	X
K2107118-009	1	07/23/21 20:34	X	X	X
K2107118-010	1	07/23/21 20:37	X	X	X
K2107118-001	1	07/23/21 20:39	X	X	X
K2107118-002	1	07/23/21 20:42	X	X	X
K2107118-003	1	07/23/21 20:44	X	X	X

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
K2107118-004.R01	1	07/23/21 20:46	X		X
CCV	1	07/23/21 20:49	X	X	X
CCB	1	07/23/21 20:51	X	X	X
K2107118-005	1	07/23/21 20:53	X	X	X
K2107118-006.R01	1	07/23/21 20:56	X		X
K2107118-007	1	07/23/21 20:58	X	X	X
K2107118-008	1	07/23/21 21:01	X	X	X
K2107118-009	1	07/23/21 21:03	X	X	X
K2107118-010.R01	1	07/23/21 21:05	X		X
K2107118-004.R01	10	07/23/21 21:08		X	
K2107118-006.R01	10	07/23/21 21:10		X	
K2107118-004.R01	10	07/23/21 21:12		X	
K2107118-006.R01	10	07/23/21 21:15		X	
CCV	1	07/23/21 21:17	X	X	X
CCB	1	07/23/21 21:20	X	X	X
LLCCVW	1	07/23/21 21:22	X	X	X
ZZZZZZ	1	07/23/21 21:24			
ZZZZZZ	1	07/23/21 21:27			
ZZZZZZ	1	07/23/21 21:29			
ZZZZZZ	1	07/23/21 21:31			
ZZZZZZ	1	07/23/21 21:34			
ZZZZZZ	5	07/23/21 21:36			
ZZZZZZ	1	07/23/21 21:39			
ZZZZZZ	1	07/23/21 21:41			
ZZZZZZ	1	07/23/21 21:43			
ZZZZZZ	1	07/23/21 21:46			
ZZZZZZ	1	07/23/21 21:48			
CCV	1	07/23/21 21:50	X	X	X
ZZZZZZ	1	07/23/21 21:53			
CCB	1	07/23/21 21:55	X	X	X
ZZZZZZ	1	07/23/21 21:58			
ZZZZZZ	1	07/23/21 22:00			
ZZZZZZ	1	07/23/21 22:02			
ZZZZZZ	1	07/23/21 22:05			
ZZZZZZ	1	07/23/21 22:07			
ZZZZZZ	1	07/23/21 22:09			
ZZZZZZ	1	07/23/21 22:12			

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
ZZZZZZ	1	07/23/21 22:14			
ZZZZZZ	1	07/23/21 22:17			
ZZZZZZ	1	07/23/21 22:19			
CCV	1	07/23/21 22:21	X	X	X
CCB	1	07/23/21 22:24	X	X	X
ZZZZZZ	1	07/23/21 22:26			
ZZZZZZ	1	07/23/21 22:29			
ZZZZZZ	1	07/23/21 22:31			
ZZZZZZ	1	07/23/21 22:33			
ZZZZZZ	1	07/23/21 22:36			
ZZZZZZ	1	07/23/21 22:38			
CCV	1	07/23/21 22:40	X	X	X
ZZZZZZ	1	07/23/21 22:43			
CCB	1	07/23/21 22:45	X	X	X
ZZZZZZ	1	07/23/21 22:48			
LLCCVW	1	07/23/21 22:50	X		X
ZZZZZZ	1	07/23/21 22:52			
LLCCVW 2X	1	07/23/21 22:55		X	

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **733568**

Sample	Dilution Factor	Date/Time	Fe
ZZZZZZ	1	08/03/21 12:04	
ZZZZZZ	1	08/03/21 12:06	
ICV	1	08/03/21 12:07	X
CCV	1	08/03/21 12:08	X
ICB	1	08/03/21 12:10	X
CCB	1	08/03/21 12:11	X
LLICVW	1	08/03/21 12:12	X
ICSA	1	08/03/21 12:13	X
ICSAB	1	08/03/21 12:15	X
ZZZZZZ	1	08/03/21 12:16	
ZZZZZZ	10	08/03/21 12:27	
ZZZZZZ	10	08/03/21 12:28	
ZZZZZZ	10	08/03/21 12:29	
ZZZZZZ	10	08/03/21 12:30	
ZZZZZZ	10	08/03/21 12:32	
ZZZZZZ	10	08/03/21 12:33	
ZZZZZZ	10	08/03/21 12:34	
ZZZZZZ	10	08/03/21 12:35	
ZZZZZZ	10	08/03/21 12:37	
K2107118-010	10	08/03/21 12:40	X
CCV	1	08/03/21 12:41	X
ZZZZZZ	1	08/03/21 12:42	
CCB	1	08/03/21 12:45	X
ZZZZZZ	1	08/03/21 12:47	
LLCCVW	1	08/03/21 12:49	X

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Date/Time	Ge72He	In115He
ZZZZZZ	07/23/21 18:20		
ZZZZZZ	07/23/21 18:21		
ICV	07/23/21 18:23	102	100
CCV	07/23/21 18:24	98	99
ICB	07/23/21 18:25	101	100
CCB	07/23/21 18:27	98	100
LLICVW	07/23/21 18:28	99	100
ICSA	07/23/21 18:30	95	93
ICSAB	07/23/21 18:31	91	94
ZZZZZZ	07/23/21 18:32		
ZZZZZZ	07/23/21 18:34		
ZZZZZZ	07/23/21 18:35		
ZZZZZZ	07/23/21 18:37		
ZZZZZZ	07/23/21 18:38		
ZZZZZZ	07/23/21 18:39		
ZZZZZZ	07/23/21 18:41		
ZZZZZZ	07/23/21 18:42		
ZZZZZZ	07/23/21 18:43		
ZZZZZZ	07/23/21 18:45		
ZZZZZZ	07/23/21 18:46		
CCV	07/23/21 18:48	98	100
ZZZZZZ	07/23/21 18:49		
CCB	07/23/21 18:51	99	100
LLCCVW	07/23/21 18:53	102	100
ZZZZZZ	07/23/21 18:55		
ZZZZZZ	07/23/21 18:56		
ZZZZZZ	07/23/21 18:58		
ZZZZZZ	07/23/21 19:00		
ZZZZZZ	07/23/21 19:02		
CCV	07/23/21 19:04	102	100
CCB	07/23/21 19:06	98	99
ZZZZZZ	07/23/21 19:08		
ZZZZZZ	07/23/21 19:10		
ZZZZZZ	07/23/21 19:11		
ZZZZZZ	07/23/21 19:13		
ZZZZZZ	07/23/21 19:15		
ZZZZZZ	07/23/21 19:17		

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Date/Time	Ge72He	In115He
ZZZZZZ	07/23/21 19:19		
ZZZZZZ	07/23/21 19:21		
ZZZZZZ	07/23/21 19:23		
ZZZZZZ	07/23/21 19:26		
CCV	07/23/21 19:28	102	102
CCB	07/23/21 19:30	99	99
ZZZZZZ	07/23/21 19:33		
ZZZZZZ	07/23/21 19:35		
ZZZZZZ	07/23/21 19:37		
ZZZZZZ	07/23/21 19:40		
ZZZZZZ	07/23/21 19:42		
ZZZZZZ	07/23/21 19:45		
CCV	07/23/21 19:47	97	99
CCB	07/23/21 19:49	96	99
LLCCVW	07/23/21 19:52	98	100
ZZZZZZ	07/23/21 19:54		
KQ2111456-01MB	07/23/21 19:57	95	98
KQ2111456-02LCS	07/23/21 19:59	96	99
K2107118-001	07/23/21 20:01	95	96
K2107118-001DUP	07/23/21 20:04	95	97
K2107118-001SDL	07/23/21 20:06	96	99
K2107118-001PS	07/23/21 20:08	96	96
K2107118-001MS	07/23/21 20:11	95	95
K2107118-002	07/23/21 20:13	93	92
K2107118-003	07/23/21 20:15	93	96
K2107118-004.R01	07/23/21 20:18	88	90
CCV	07/23/21 20:20	91	94
CCB	07/23/21 20:23	93	95
K2107118-005	07/23/21 20:25	90	91
K2107118-006.R01	07/23/21 20:27	87	88
K2107118-007	07/23/21 20:30	93	96
K2107118-008	07/23/21 20:32	92	92
K2107118-009	07/23/21 20:34	94	96
K2107118-010	07/23/21 20:37	91	92
K2107118-001	07/23/21 20:39	94	95
K2107118-002	07/23/21 20:42	90	91
K2107118-003	07/23/21 20:44	92	93

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Date/Time	Ge72He	In115He
K2107118-004.R01	07/23/21 20:46	87	91
CCV	07/23/21 20:49	90	95
CCB	07/23/21 20:51	93	95
K2107118-005	07/23/21 20:53	87	89
K2107118-006.R01	07/23/21 20:56	84	88
K2107118-007	07/23/21 20:58	94	95
K2107118-008	07/23/21 21:01	92	91
K2107118-009	07/23/21 21:03	93	94
K2107118-010.R01	07/23/21 21:05	89	90
K2107118-004.R01	07/23/21 21:08	93	95
K2107118-006.R01	07/23/21 21:10	92	95
K2107118-004.R01	07/23/21 21:12	93	95
K2107118-006.R01	07/23/21 21:15	91	93
CCV	07/23/21 21:17	94	97
CCB	07/23/21 21:20	95	97
LLCCVW	07/23/21 21:22	92	96
ZZZZZZ	07/23/21 21:24		
ZZZZZZ	07/23/21 21:27		
ZZZZZZ	07/23/21 21:29		
ZZZZZZ	07/23/21 21:31		
ZZZZZZ	07/23/21 21:34		
ZZZZZZ	07/23/21 21:36		
ZZZZZZ	07/23/21 21:39		
ZZZZZZ	07/23/21 21:41		
ZZZZZZ	07/23/21 21:43		
ZZZZZZ	07/23/21 21:46		
ZZZZZZ	07/23/21 21:48		
CCV	07/23/21 21:50	95	96
ZZZZZZ	07/23/21 21:53		
CCB	07/23/21 21:55	91	94
ZZZZZZ	07/23/21 21:58		
ZZZZZZ	07/23/21 22:00		
ZZZZZZ	07/23/21 22:02		
ZZZZZZ	07/23/21 22:05		
ZZZZZZ	07/23/21 22:07		
ZZZZZZ	07/23/21 22:09		
ZZZZZZ	07/23/21 22:12		

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Date/Time	Ge72He	In115He
ZZZZZZ	07/23/21 22:14		
ZZZZZZ	07/23/21 22:17		
ZZZZZZ	07/23/21 22:19		
CCV	07/23/21 22:21	95	98
CCB	07/23/21 22:24	96	97
ZZZZZZ	07/23/21 22:26		
ZZZZZZ	07/23/21 22:29		
ZZZZZZ	07/23/21 22:31		
ZZZZZZ	07/23/21 22:33		
ZZZZZZ	07/23/21 22:36		
ZZZZZZ	07/23/21 22:38		
CCV	07/23/21 22:40	97	98
ZZZZZZ	07/23/21 22:43		
CCB	07/23/21 22:45	95	97
ZZZZZZ	07/23/21 22:48		
LLCCVW	07/23/21 22:50	93	97
ZZZZZZ	07/23/21 22:52		
LLCCVW 2X	07/23/21 22:55	93	95

Client: Anchor QEA, LLC **Service Request:** K2107118
Project: Grumman Road MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **733568**

Sample	Date/Time	Ge72He
ZZZZZZ	08/03/21 12:04	
ZZZZZZ	08/03/21 12:06	
ICV	08/03/21 12:07	97
CCV	08/03/21 12:08	99
ICB	08/03/21 12:10	97
CCB	08/03/21 12:11	100
LLICVW	08/03/21 12:12	100
ICSA	08/03/21 12:13	94
ICSAB	08/03/21 12:15	91
ZZZZZZ	08/03/21 12:16	
ZZZZZZ	08/03/21 12:27	
ZZZZZZ	08/03/21 12:28	
ZZZZZZ	08/03/21 12:29	
ZZZZZZ	08/03/21 12:30	
ZZZZZZ	08/03/21 12:32	
ZZZZZZ	08/03/21 12:33	
ZZZZZZ	08/03/21 12:34	
ZZZZZZ	08/03/21 12:35	
ZZZZZZ	08/03/21 12:37	
K2107118-010	08/03/21 12:40	86
CCV	08/03/21 12:41	91
ZZZZZZ	08/03/21 12:42	
CCB	08/03/21 12:45	94
ZZZZZZ	08/03/21 12:47	
LLCCVW	08/03/21 12:49	95

Raw Data

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

General Chemistry

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
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www.alsglobal.com

	Yes	No	N/A
Analyst			
1. Holding times met for all samples analyzed?			
2. Are all chromatograms in proper chronological order?			
3. Were calibrations performed?			
a. Does DOC CLAPP apply?			
4. Are detection limits reported correctly?			
5. Are quality control criteria met?			
a. Method Blanks, CCVs, CCBs, LCSs, Dups and Spikes analyzed at the proper frequency?			
b. Are CCVs and CCBs within acceptance limits?			
c. Are results in Method Blanks < 5RL?			
d. Are LCS recoveries within acceptance criteria? (LCS for MS/MSD for Dup recoveries)			
e. Are surrogates within limits?			
6. Are all samples available for review?			

DAS Standard Certification Procedure Acceptable Holding Times for Chromatograms

Q1 Sample analysis performed within the acceptable holding time. See holding time table.
Q2 Sample analysis performed beyond the holding time. The analysis was performed within the recommended holding time.
Q4 Sample analysis performed beyond the recommended holding time.
R1 High RPD in associated QC. The sample was re-analyzed, single analysis or the sample was not re-analyzed. [illegible]
1 Method Blank Detection Limit is not in compliance and the sample was not re-analyzed. [illegible]
6 Sample analysis performed by [illegible]

LCS			
Fluoride	True Value=1.0ppm	[illegible]	
Chloride	True Value=5.0ppm	[illegible]	
Nitrite	True Value=2.0ppm	[illegible]	
Bromide	True Value=5.0ppm	[illegible]	
Nitrate	True Value=2.0ppm	[illegible]	
Sulfate	True Value=5.0ppm	[illegible]	

CCV			
Fluoride	True Value=1.0ppm	[illegible]	
Chloride	True Value=5.0ppm	[illegible]	
Nitrite	True Value=2.0ppm	[illegible]	
Bromide	True Value=5.0ppm	[illegible]	
Nitrate	True Value=2.0ppm	[illegible]	
Sulfate	True Value=5.0ppm	[illegible]	

Blank			
DCLppm	[illegible]	[illegible]	
Fluoride	[illegible]		
Chloride	[illegible]		
Nitrite	[illegible]		
Bromide	[illegible]		
Nitrate	[illegible]		
Sulfate	[illegible]		

Prepared	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Analyst [illegible] Date [illegible]

Peer Review [illegible] Date [illegible]

Final Review [illegible] Date [illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Reviewed: [illegible]

Lab Code	Target Analyte	SS	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	Dil	MDL	RDL	Qualifier	Is RSD	Date Analyzed	QC?	Lot
[illegible]	[illegible]	N/A		Water	[illegible]	Std	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Template: [illegible]

Lab Code	Tester Analyte	LC	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DS	MDL	RDL	% Rec	% RSD	Date Analyzed	QC?	Inc
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	1					[illegible]	N	1

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analytical Lot: [illegible] Method Reference: [illegible]

Lab Code	Target Analyte	Qty	Parent Sample	Matrix	Raw Result	Standard Amt	Final Result	RL	MDL	Bias	% Rec	% RSD	Date Analyzed	QC?	Inc
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]

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3	[illegible]	Standard	3	[illegible]	[illegible]	epa300	epa300	Finished	[illegible] 27:30 PM
4	[illegible]	Standard	4	[illegible]	[illegible]	epa300	epa300	Finished	[illegible] 3:04 PM
5	[illegible]	Standard	5	[illegible]	[illegible]	epa300	epa300	Finished	[illegible] 50:41 PM
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35	[illegible]	Unknown	50	[illegible]	[illegible]	epa300	epa300	Finished	[illegible] 11:44:33 AM
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37	[illegible]	Unknown	52	[illegible]	[illegible]	epa300	epa300	Finished	[illegible] 12:07:11 PM
38	[illegible]	Unknown	53	[illegible]	[illegible]	epa300	epa300	Finished	[illegible] 12:18:30 PM
39	[illegible]	Unknown	54	[illegible]	[illegible]	epa300	epa300	Finished	[illegible] 12:30:47 PM
40	[illegible]	Unknown	55	[illegible]	[illegible]	epa300	epa300	Finished	[illegible] 12:42:12 PM
41	[illegible]	Unknown	56	[illegible]	[illegible]	epa300	epa300	Finished	[illegible] 12:53:52 PM
42	[illegible]	Unknown	57	[illegible]	[illegible]	epa300	epa300	Finished	[illegible] 1:05:31 PM

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Location [illegible]
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Filename [illegible]
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5	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]
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18	[illegible]	[illegible]	[illegible]	
19	[illegible]	[illegible]	[illegible]	
20	[illegible]	[illegible]	[illegible]	
21	[illegible]	[illegible]	[illegible]	
22	[illegible]	[illegible]	[illegible]	
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24	[illegible]	[illegible]	[illegible]	
25	[illegible]	[illegible]	[illegible]	
26	[illegible]	[illegible]	[illegible]	
27	[illegible]	[illegible]	[illegible]	
28	[illegible]	[illegible]	[illegible]	
29	[illegible]	[illegible]	[illegible]	
30	[illegible]	[illegible]	[illegible]	
31	[illegible]	[illegible]	[illegible]	
32	[illegible]	[illegible]	[illegible]	
33	[illegible]	[illegible]	[illegible]	
34	[illegible]	[illegible]	[illegible]	
35	[illegible]	[illegible]	[illegible]	
36	[illegible]	[illegible]	[illegible]	
37	[illegible]	[illegible]	[illegible]	
38	[illegible]	[illegible]	[illegible]	
39	[illegible]	[illegible]	[illegible]	
40	[illegible]	[illegible]	[illegible]	
41	[illegible]	[illegible]	[illegible]	
42	[illegible]	[illegible]	[illegible]	

Copyright © [illegible] Corporation Version [illegible]

Log
Description [illegible]
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Stamp [illegible]
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Last Update [illegible]

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]

[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

No.	Name	[illegible]	Comment
43	[illegible]	[illegible]	
44	[illegible]	[illegible]	
45	[illegible]	[illegible]	

[illegible]

Sample Number	Description	Date	Lot ID	Bag ID	Storage	Open
K2107636-001			2X			✓
K2107639-001						✓
K2107640-001	QC 4X					✓
K2107119-001			20X		X	C1 2X
-002					X	S04 200X
-003					X	C1 2X
-004					X	C1 2X S04 100
-005					X	S04 200
-006					X	S04 400X
-007			X		X	C1 2X

Sample Number	Client Sample No.	Matrix	Lab Dil	Surr Dil	Reference	Date
K2107119-008						X
-009						X
-010						X
	QC2X		2X			
			2X			
			2X			
			2X			
			2X			
			2X			
			2X			
			2X			

ALS ENVIRONMENTAL, INC

Ion Chromatography Calibration Data

Sequence: [illegible]

Date: [illegible]

Analyte	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Corr.Coeff	Slope	Residuals
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9972	0.2511	
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9302	0.1731	
NO2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9674	0.3559	
Br	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.99	0.0709	
NO3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9791	0.4207	
SO4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9937	0.1232	
									99.9679	0.1744	

[illegible]

No.	Peak Name	Cal.Type	#Points	Rel.Std.Dev %	Corr.Coeff. %	Offset	Slope	Curve
1	Fluoride	Lin	8	0.6149	99.9972	0	0.2511	0
2	Chloride	Lin	8	3.1385	99.9302	0	0.1731	0
3	Nitrite	Lin	8	2.1363	99.9674	0	0.3559	0
4	Bromide	Lin	8	1.1773	99.99	0	0.0709	0
5	Nitrate	Lin	8	3.1584	99.9791	0	0.4207	0
6	Sulfate	Lin	8	0.9213	99.9937	0	0.1232	0
Average:			8	1.8575	99.9679	0	0.1744	0

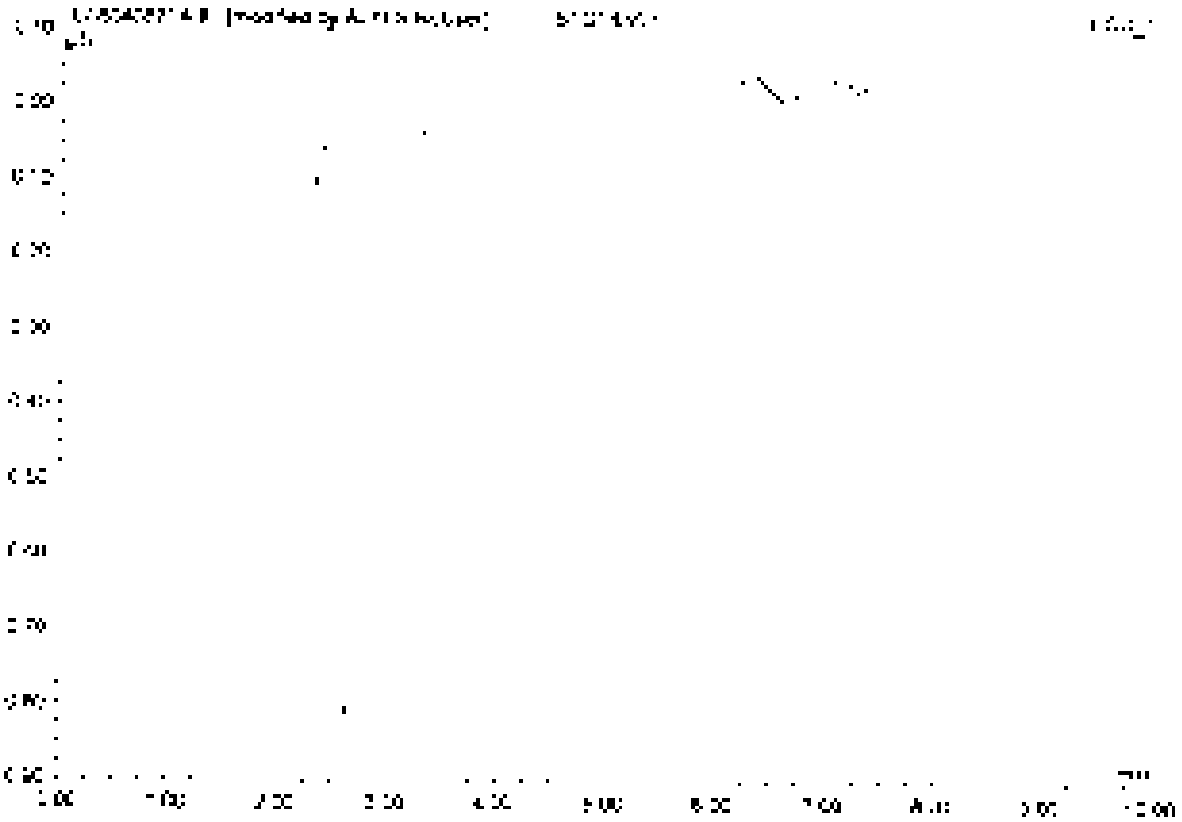
[illegible]

	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	STD2	STD3	STD4	STD5	STD6	STD7	STD8	STD9
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Br	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SO4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

1 STD1/LVL1

DI

Sample Name	STD1/LVL1	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	4/8/2021 13:04	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

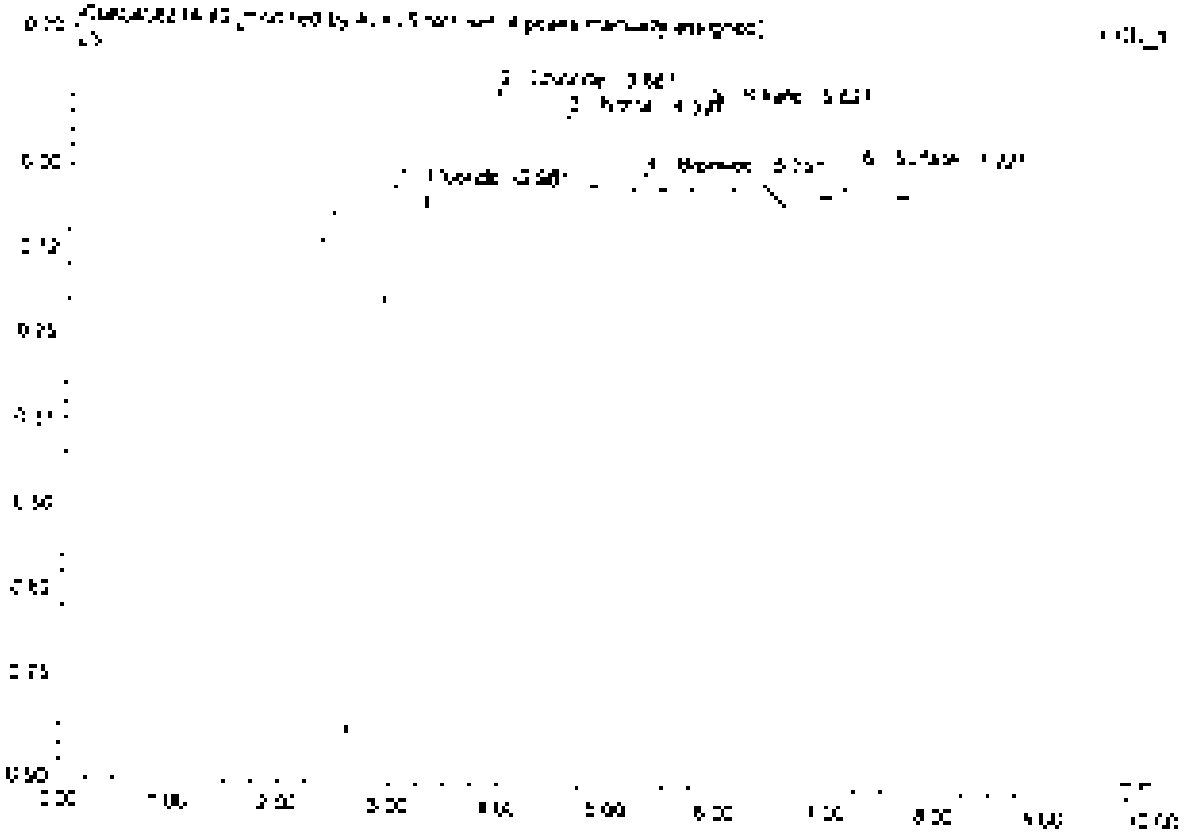


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

2 STD2/LVL2

21-GEN-02-17A

Sample Name	STD2/LVL2	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Source Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 13:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

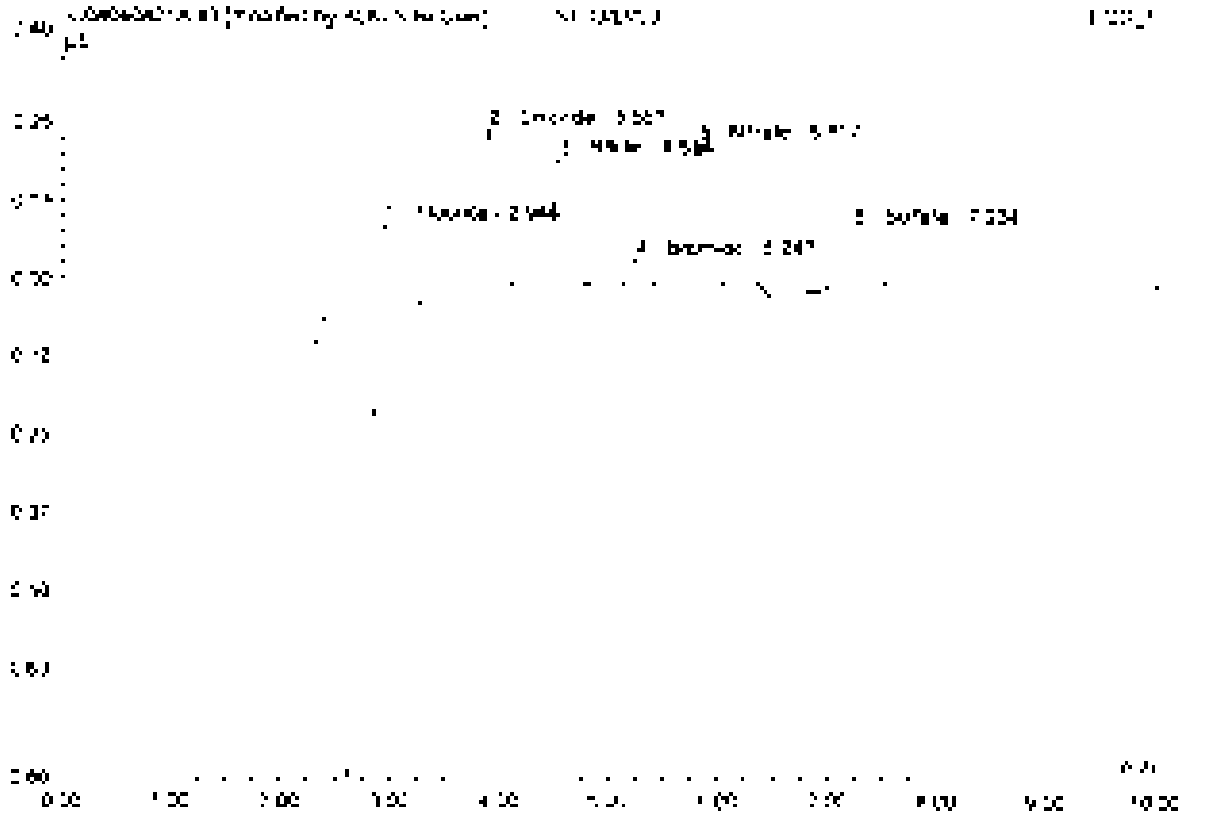


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.36	Fluoride	0.132	0.027	27.45	0.107	BMB**
2	3.65	Chloride	0.129	0.017	17.49	0.095	BMB*
3	4.54	Nitrite	0.104	0.016	16.14	0.044	BMB*
4	5.25	Bromide	0.024	0.004	3.61	0.050	BMB**
5	6.82	Nitrate	0.125	0.021	21.27	0.049	BMB**
6	7.22	Sulfate	0.045	0.014	14.18	0.112	BMB**
Total:			0.570	0.098	100.00	0.466	

3 STD3/LVL3

21-GEN-02-17B

Sample Name	STD3/LVL3	Injection Volume	25.0
Vial Number	3	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	apa300	Sensitivity	n.a.
Operator Method	apa300	Dilution Factor	1.0000
Processing Time	6/8/2021 13:27	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

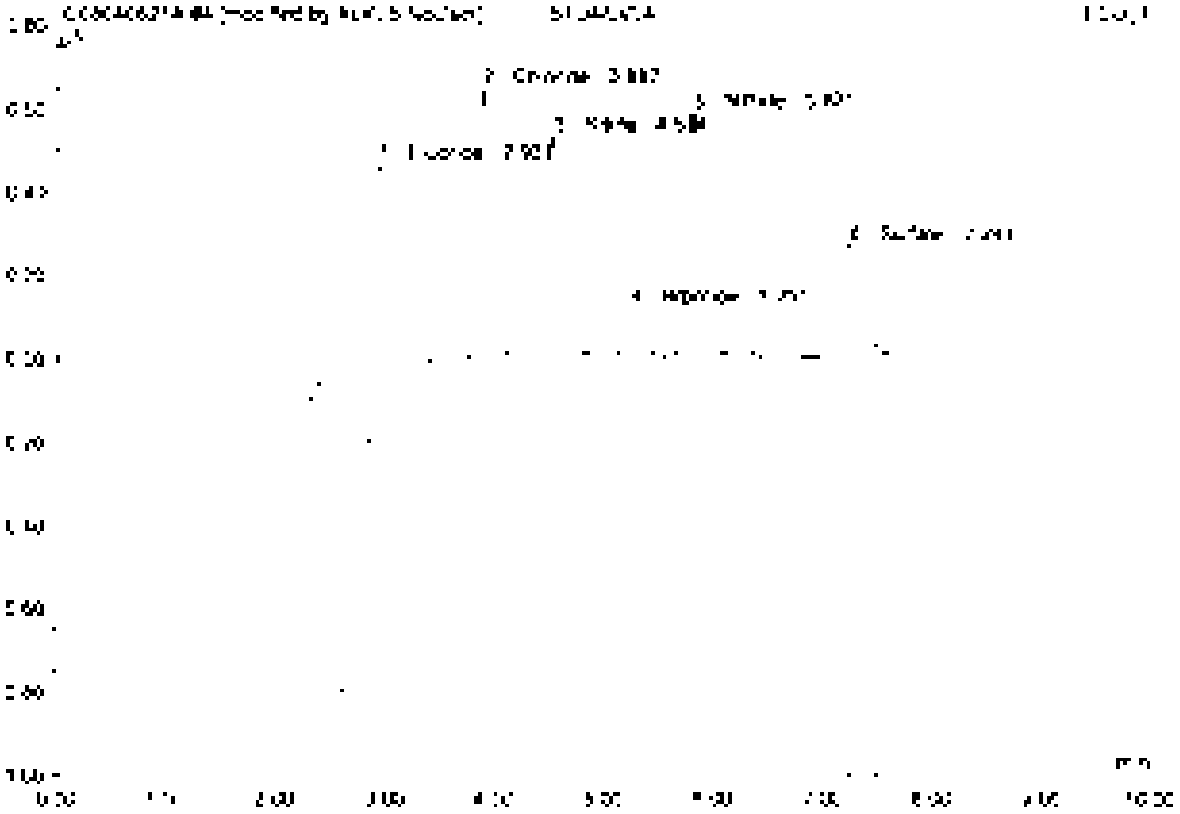


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	0.271	0.052	28.05	0.206	BV R*
2	3.69	Chloride	0.258	0.031	17.10	0.182	BV B*
3	4.53	Nitrite	0.204	0.031	16.98	0.088	BV B*
4	5.25	Bromide	0.344	0.007	3.57	0.093	BM B
5	5.82	Nitrate	0.231	0.038	20.65	0.090	BM B*
6	7.72	Sulfate	0.396	0.025	13.66	0.203	BM R*
Total:			1.707	0.184	100.00	0.862	

4 STD4/LVL4

21-GEN-02-17C

Sample Name:	STD4/LVL4	Injection Volume:	25.0
Vial Number:	4	Channel:	ECD_1
Sample Type:	standard	Wavelength:	n.a.
Control Program:	wpa300	Bandwidth:	n.a.
Quant Method:	wpa300	Dilution Factor:	1.0000
Recording Time:	4/8/2021 13:39	Sample Weight:	1.0000
Run Time (min):	10.00	Sample Amount:	1.0000

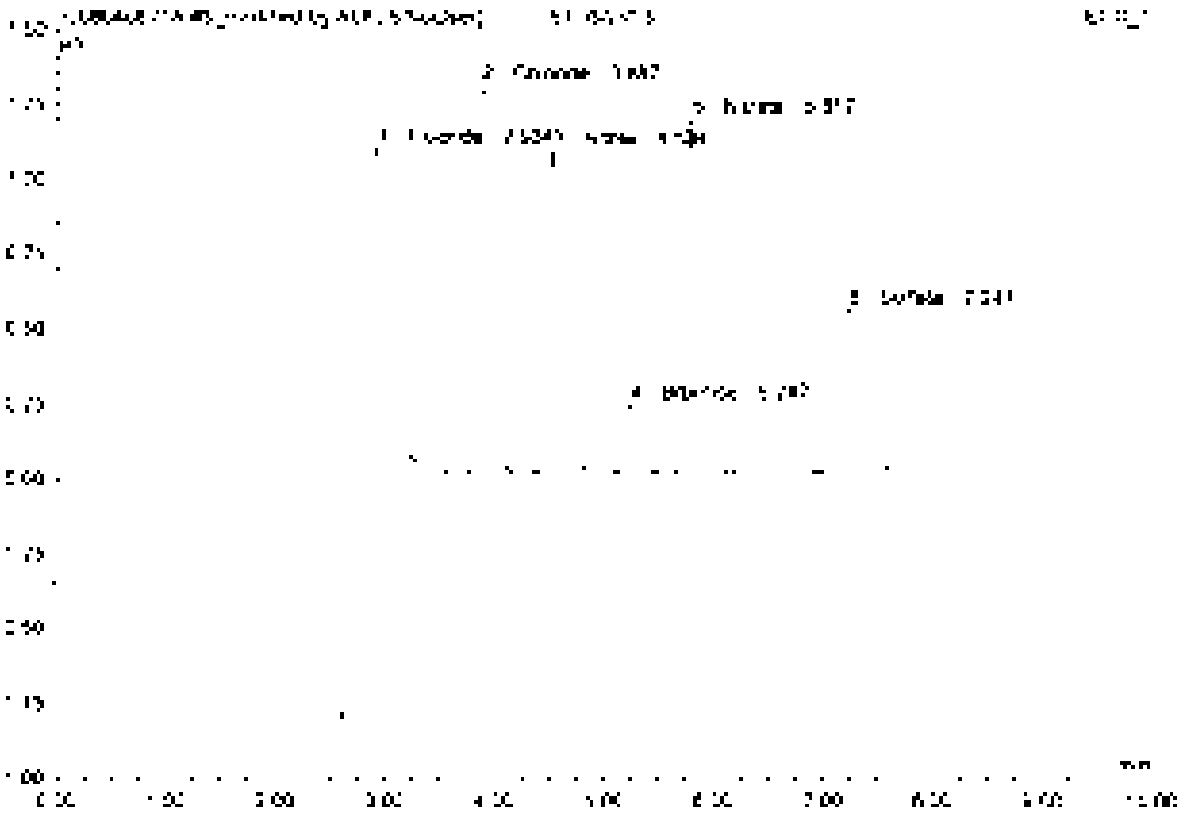


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	0.642	0.127	27.45	0.507	BM3*
2	3.69	Chloride	0.548	0.079	15.94	0.454	BV3*
3	4.53	Nitrite	0.528	0.083	17.82	0.233	UM3*
4	5.25	Bromide	0.115	0.017	3.75	0.048	BM3
5	5.82	Nitrate	0.585	0.097	20.84	0.230	BV3*
6	7.24	Sulfate	0.254	0.061	13.15	0.457	BM3
Total:			2.784	0.464	100.00	2.787	

5 STD5/LVL5

21-GEN-02-17D

Sample Name	STD5/LVL5	Injection Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 12:30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

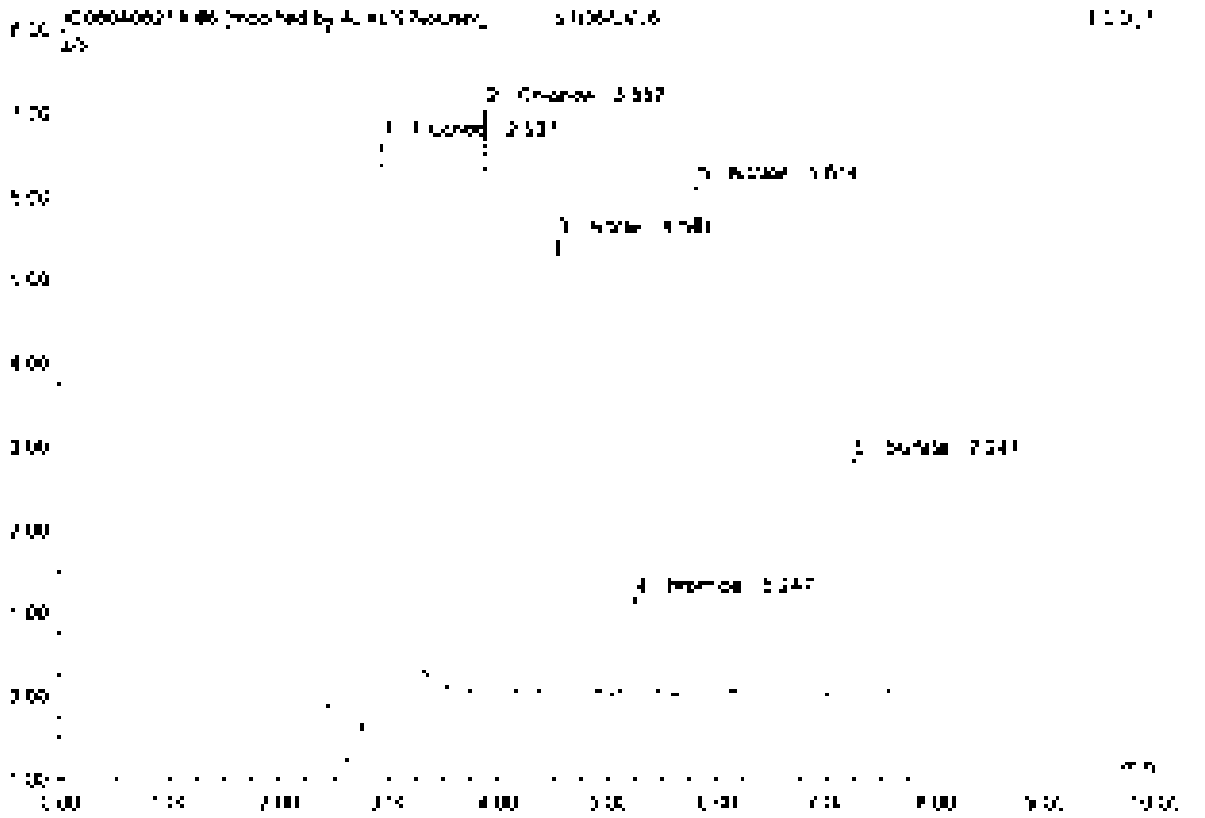


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.50	Fluoride	1.288	0.256	27.38	1.018	BMB*
2	3.60	Chloride	1.243	0.147	15.85	0.609	BMB*
3	4.53	Nitrite	1.074	0.167	17.99	0.466	BMB*
4	5.25	Bromide	0.222	0.035	3.74	0.092	BMB
5	5.82	Nitrate	1.783	0.196	20.95	0.485	BMB*
6	7.24	Sulfate	0.542	0.123	13.16	0.557	BMB*
Total:			5.674	0.933	100.00	4.250	

6 STD6/LVL6

21-GEN-02-17E

Sample Name	STD6/LVL6	Injection Volume	25.0
Vial Number	6	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantif. Method	wpa300	Dilution Factor	1.0000
Recording Time	4/8/2021 14:02	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

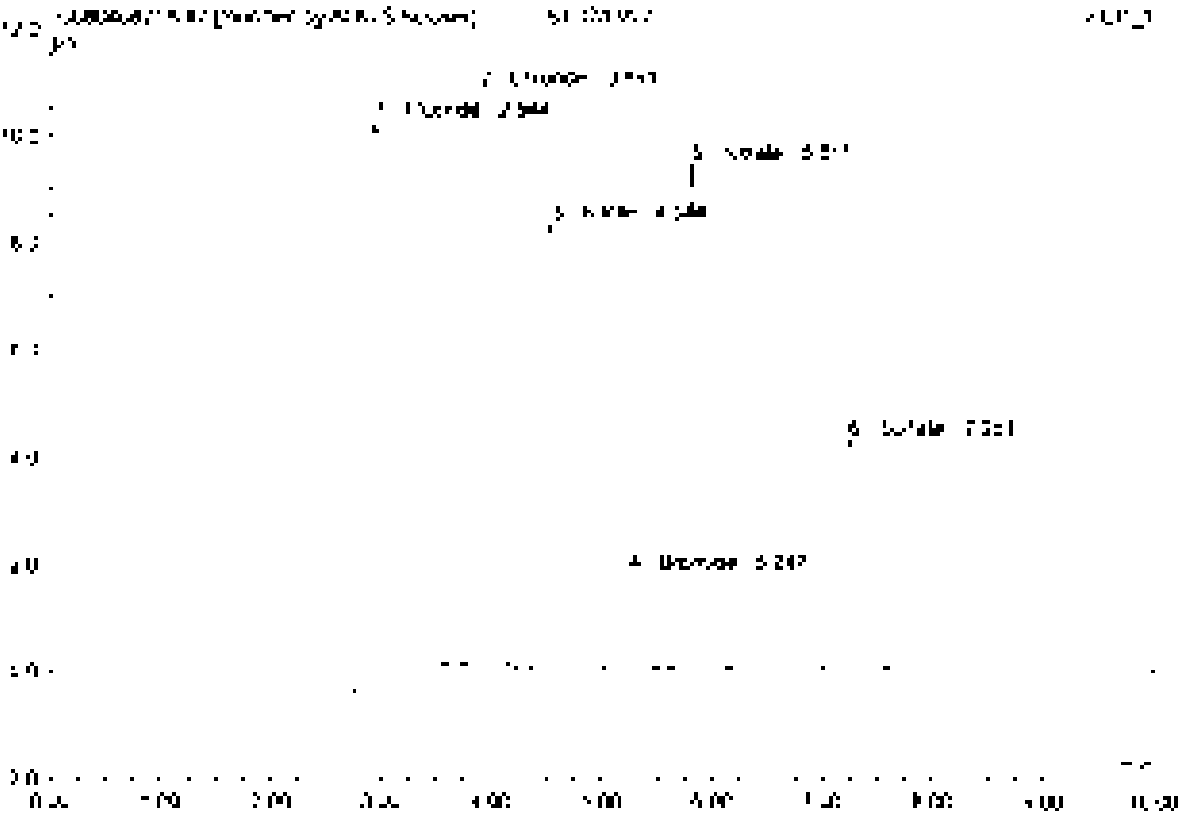


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.54	Fluoride	6.588	1.202	25.47	5.027	BMB*
2	3.89	Chloride	7.028	0.841	17.80	4.839	BMB*
3	4.56	Nitrite	5.482	0.871	18.23	2.449	BMB*
4	5.25	Bromide	[illegible]	0.175	3.67	2.476	BMB
5	5.81	Nitrate	6.130	1.015	21.23	2.412	BV3*
6	7.25	Sulfate	2.892	0.614	12.85	4.584	BV3*
Total:			29.606	4.778	100.00	22.207	

7 STD7/LVL7

21-GEN-02-17F

Sample Name	STD7/LVL7	Injection Volume	25.0
Vial Number	7	Channel	ECD: 1
Sample Type	standard	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quant. Method	spa300	Dilution Factor	1.0000
Recording Time	4/8/2021 14:13	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

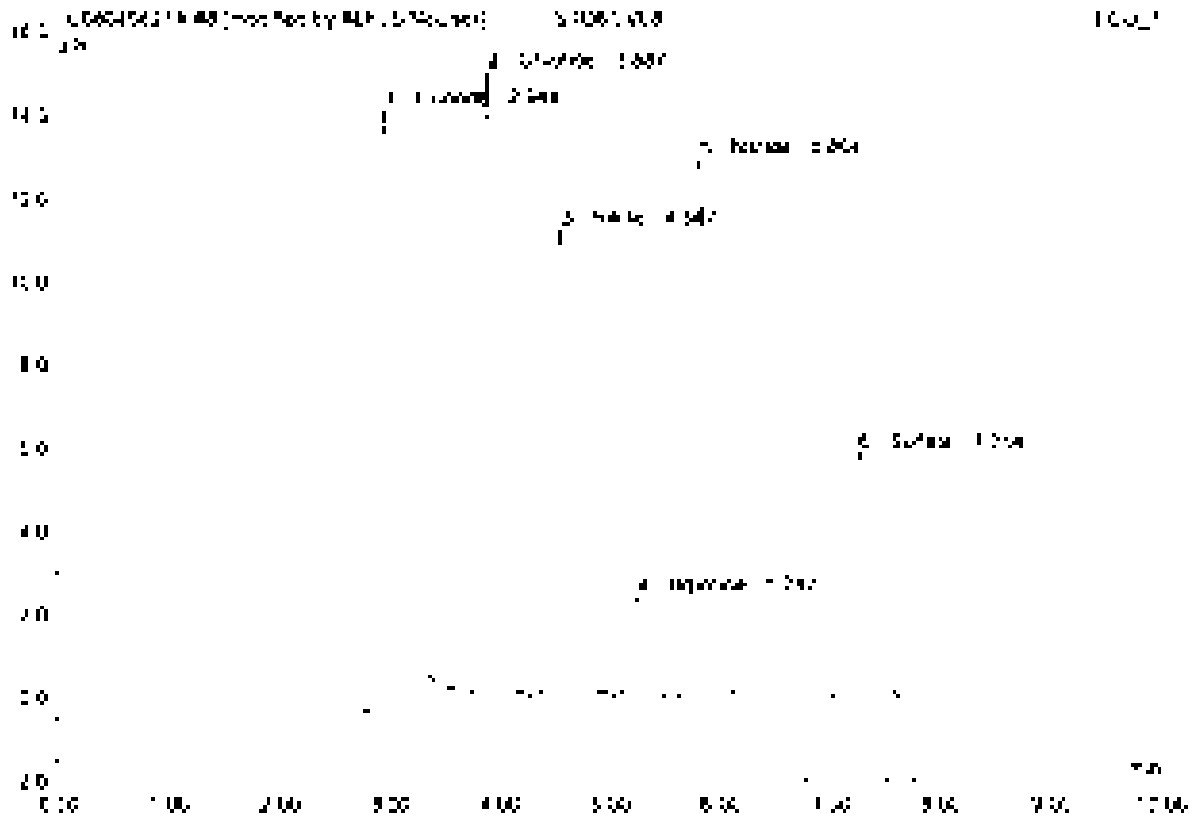


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	10.588	1.874	25.87	7.452	BMB*
2	3.89	Chloride	10.772	1.919	26.49	7.390	BMB*
3	4.54	Nitrite	8.302	1.323	18.33	3.717	BMB*
4	5.25	Bromide	1.759	0.264	3.66	3.724	BMB
5	5.81	Nitrate	9.416	1.566	21.61	3.708	BMB*
6	7.25	Sulfate	4.281	0.910	12.56	3.442	BMB
Total			45.098	7.317	100.00	33.445	

8 STD8/LVL8

21-GEN-02-17G

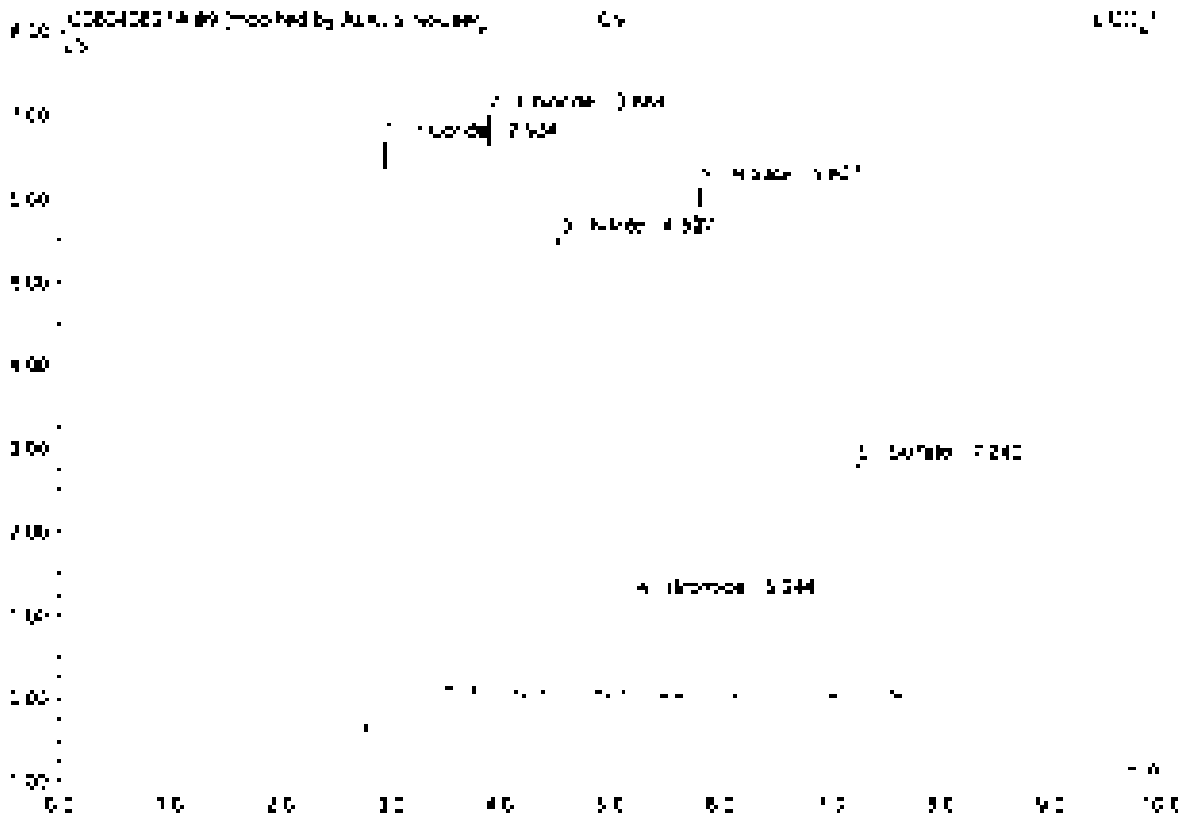
Sample Name	STD8/LVL8	Injected Volume	25.0
Vial Number	8	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	[illegible]/2021 14:25	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	14.402	2.514	25.64	[illegible]	BMB*
2	3.89	Chloride	14.5[illegible]3	1.700	[illegible]7.95	[illegible]	BMB*
3	4.55	Nitrite	1[illegible].205	1.796	[illegible]8.34	5.055	BMB*
4	5.25	Bromide	2.0[illegible]5	0.357	3.64	5.050	BMB
5	5.80	Nitrate	12.898	2.127	21.69	5.020	BMB*
6	7.25	Sulfate	5.8[illegible]7	1.238	[illegible]2.63	10.050	BMB
Total:			6[illegible]6[illegible]3	9.805	[illegible]00.00	45.355	

9 ICV

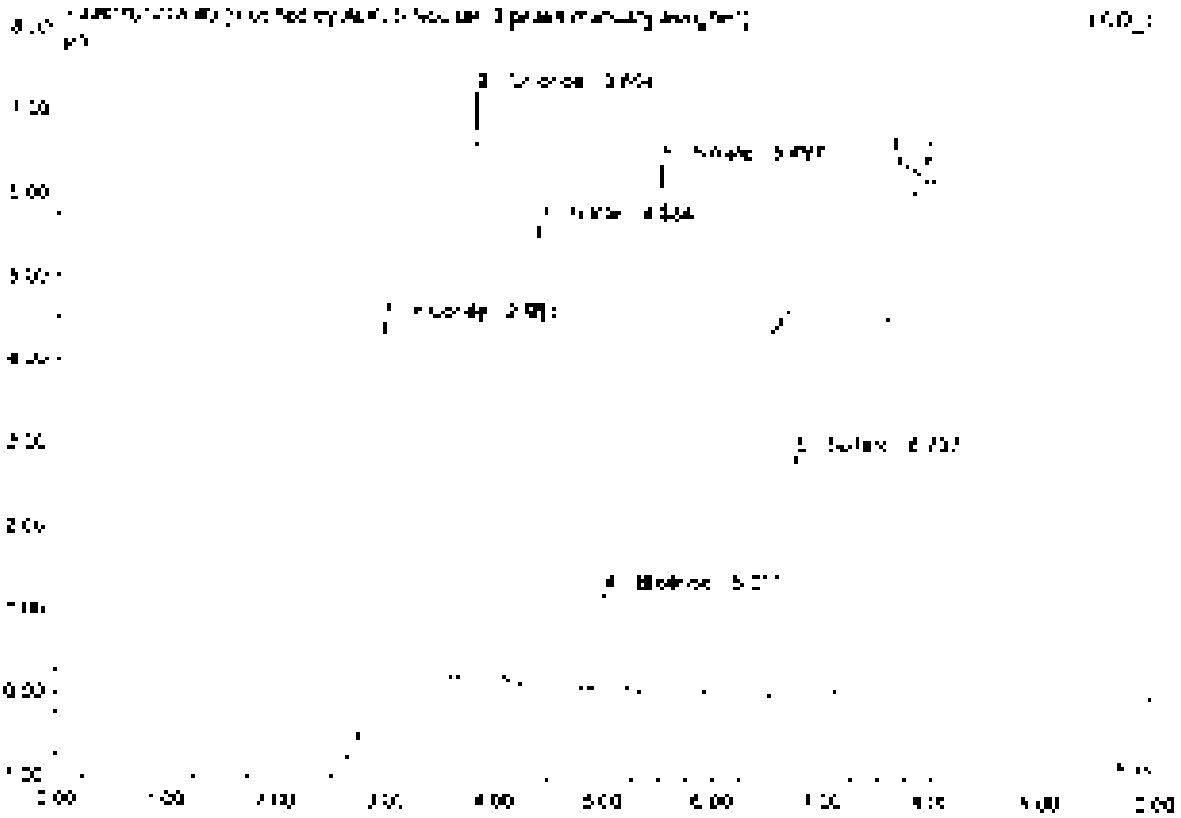
Sample Name	ICV	Injection Volume	25.0
Vial Number	9	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	[illegible]	Bandwidth	n.a.
Quantit. Method	[illegible]	Dilution Factor	1.0000
Recording Time	4/8/2021 14:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.33	Fluoride	6.973	1.257	26.40	5.005	BMB*
2	3.09	Chloride	6.953	0.834	17.51	4.815	BMB
3	4.54	Nitrite	5.496	0.869	18.25	2.442	BMB
4	5.24	Bromide	[illegible]	[illegible]	3.68	2.461	BMB
5	5.91	Nitrate	[illegible]	[illegible]	21.33	2.438	BMB
6	7.24	Sulfate	2.793	0.603	12.65	4.895	BMB
Total:			29.500	4.760	100.00	22.026	

9 CCV1

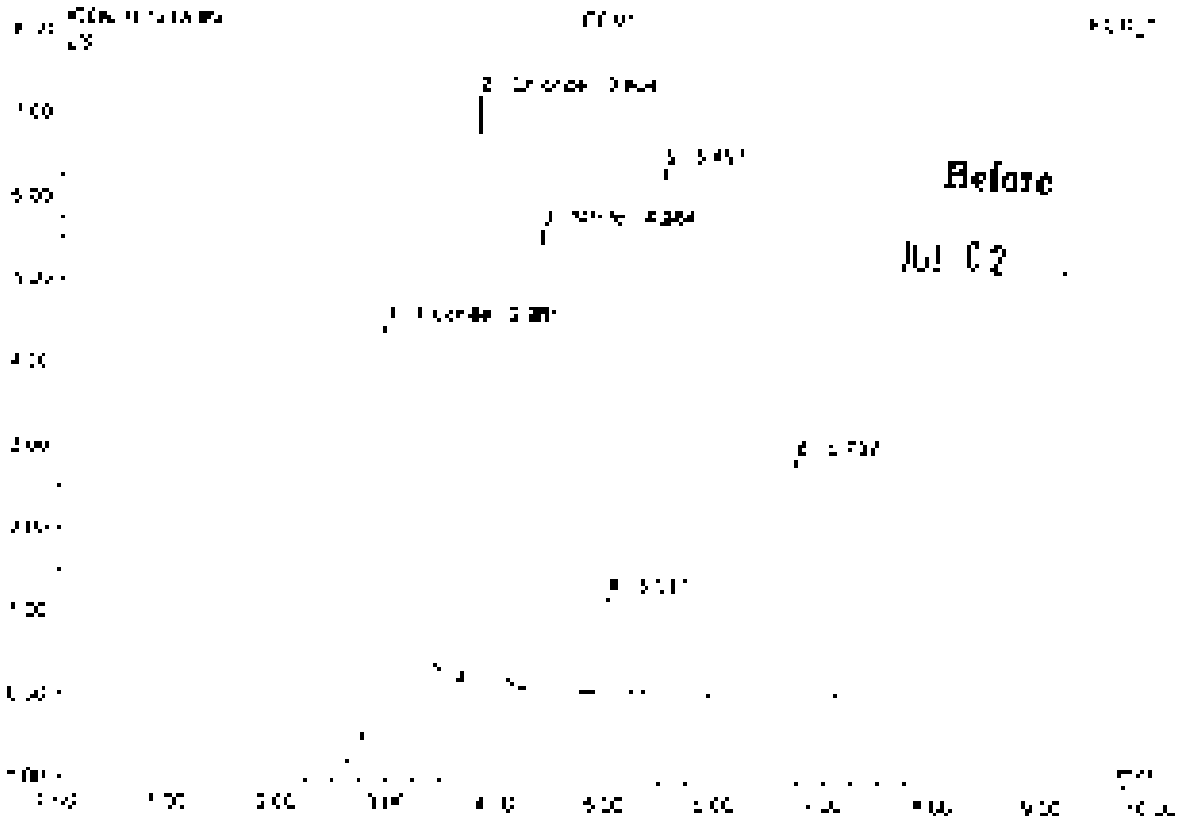
Sample Name	CCV1	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	7/1/2021 15:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	4.672	1.158	24.06	4.610	BMB*
2	3.80	Chloride	7.054	3.528	73.30	4.381	BMB*
3	4.38	Nitrite	5.277	0.838	17.00	2.497	BMB
4	5.07	Bromide	1.771	0.185	3.84	2.375	BMB*
5	5.50	Nitrate	6.361	1.032	22.06	2.452	BMB*
6	6.76	Sulfate	2.873	0.602	12.51	4.886	BMB*
Total:			27.848	4.875	100.00	21.602	

9 CCV1

Sample Name	CCV1	Injection Volume	25.0
Vial Number	46	Column	EGD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	7/1/2021 15:16	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



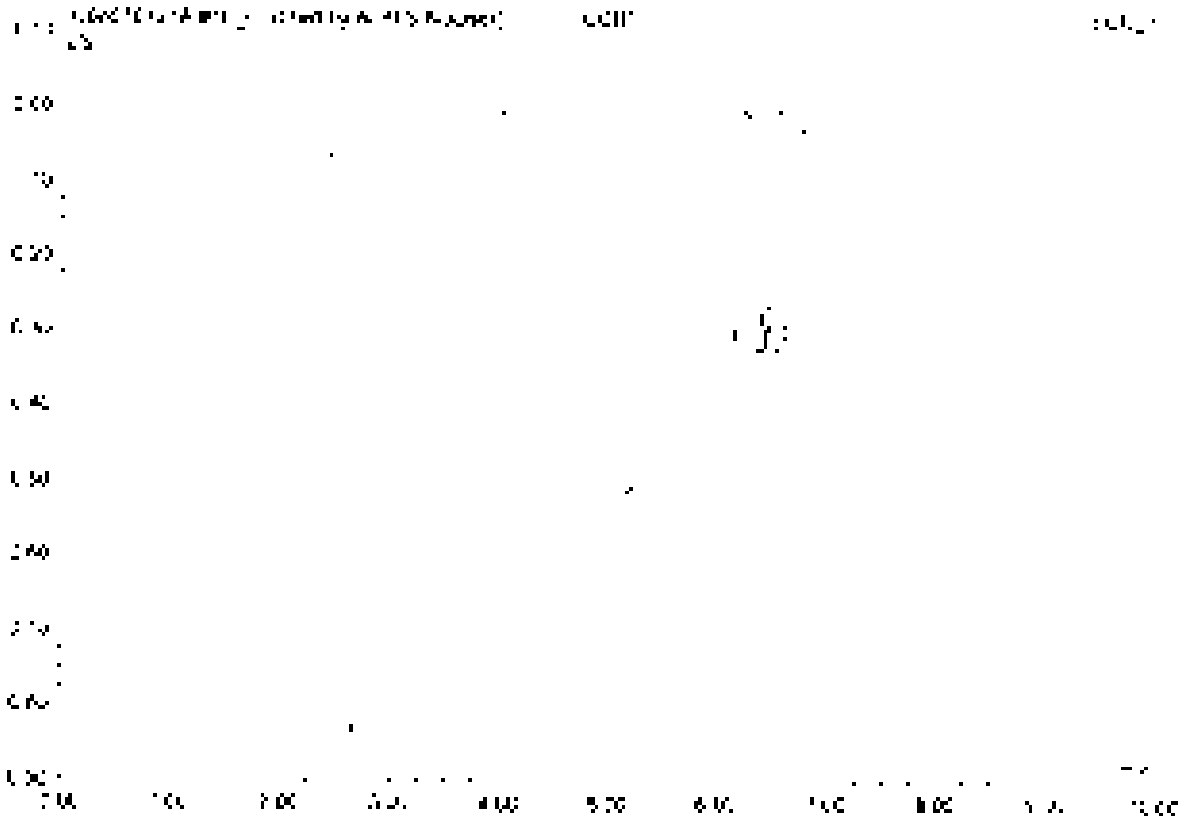
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.56	Fluoride	4.849	[illegible]	25.56	4.806	BMB
2	3.80	Chloride	[illegible]	8.922	[illegible]	4.781	BMB
3	4.38	Nitrite	5.577	8.888	[illegible]	2.457	BMB
4	5.07	n.a.	[illegible]	[illegible]	3.57	n.a.	BMB
5	5.56	n.a.	6.351	10.32	21.53	n.a.	BMB
6	6.74	n.a.	2.873	3.602	[illegible]	n.a.	BMB
Total			[illegible]	47.725	100.00	12.083	

Method: Integration

Chromeleon 6.80 Build 1995 2008
Version 5.80 SR1 Build 3352 (1962/9)

10 CCB1

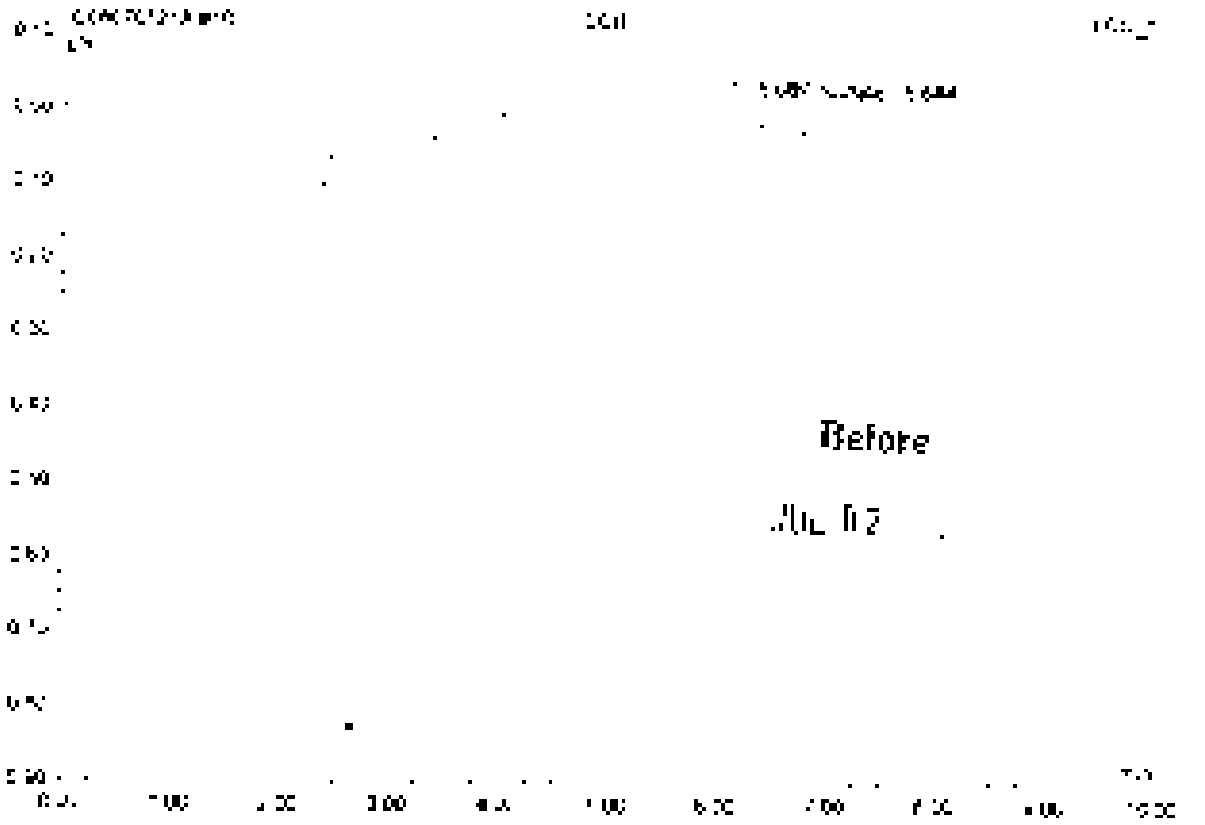
Sample Name	CCB1	Injection Volume	25.0
Vial Number	47	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Processing Time	7/1/2021 15:28	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

10 CCB1

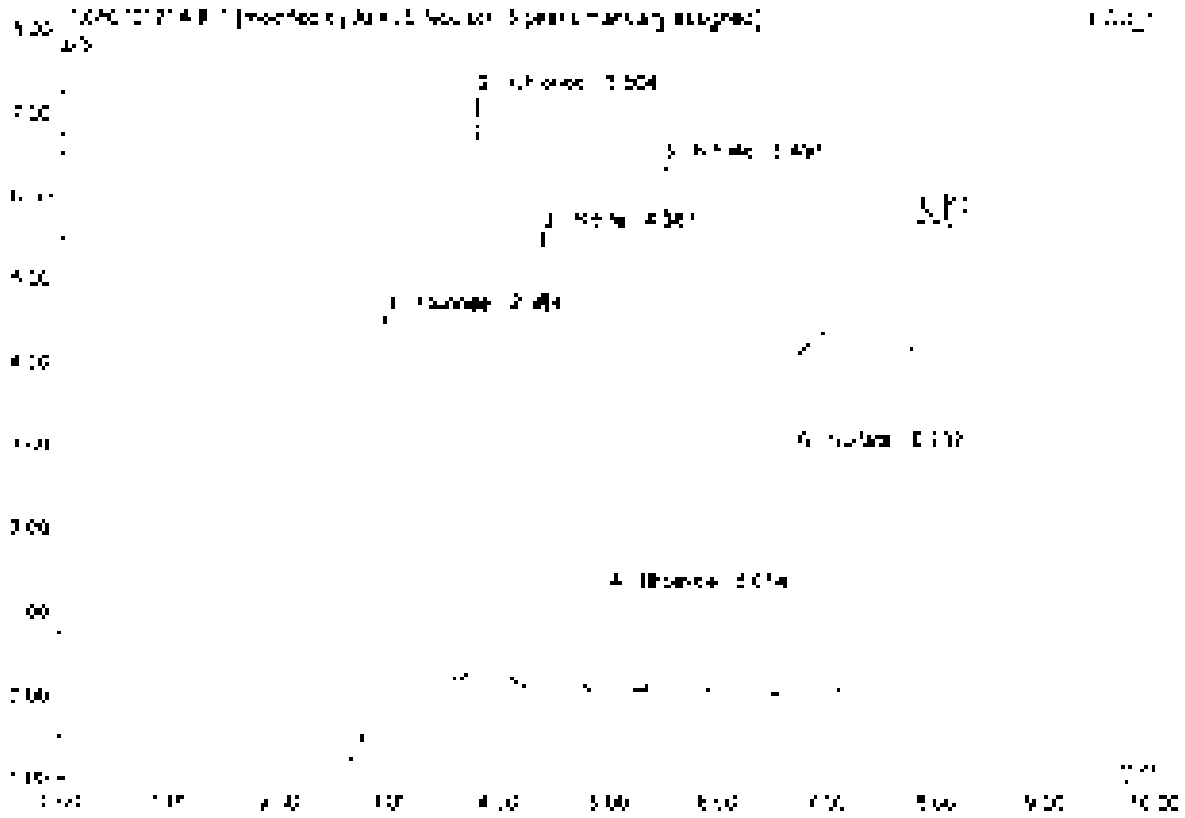
Sample Name	CCB1	Injection Volume	35.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Control Method	apa309	Dilution Factor	1.0000
Recording Time	3/11/2021 15:28	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	0.07	n.a.	0.100	1.400	99.53	n.a.	BMb
2	0.64	Sulfate	0.009	0.007	0.47	0.050	bMB
Total:			0.136	1.406	100.00	0.050	

11 LCS1

Sample Name	LCS1	Injection Volume	25.0
Vial Number	3	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	1.0000
Recording Time	11/2021 15:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



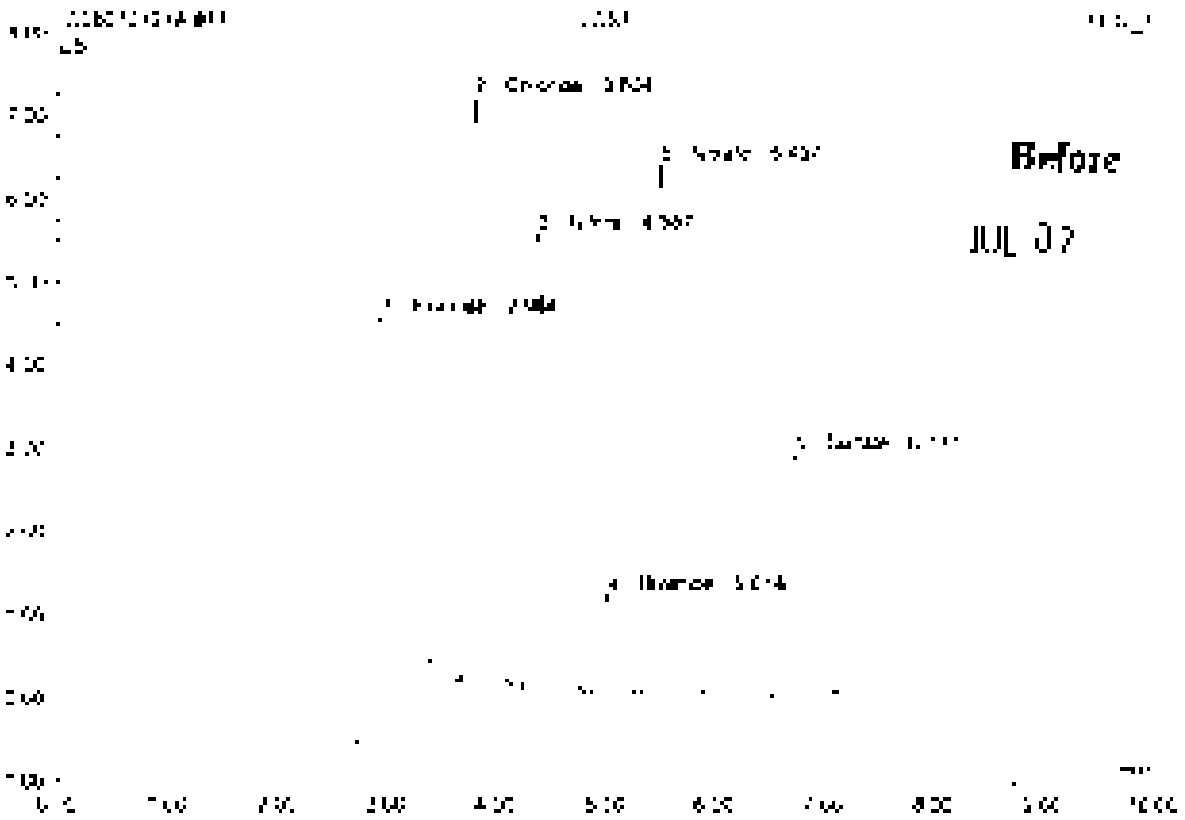
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	4.948	1.155	25.40	4.758	BV3*
2	3.80	Chloride	7.035	0.827	17.18	4.777	BV3*
3	4.39	Nitrite	5.496	0.693	15.06	2.450	BM9
4	5.07	Bromide	[illegible]	0.159	3.49	2.078	BM9
5	1.50	Nitrate	6.356	1.033	21.99	2.454	BM9
6	6.74	Sulfate	2.550	0.607	13.51	4.931	BM9
Total:			27.905	4.524	100.00	21.751	

Delay Integration

Chromeleon [c] Dionex 1996-2006
Version: 6.80 SR1 To Build 2302 (1302?)

11 LCS1

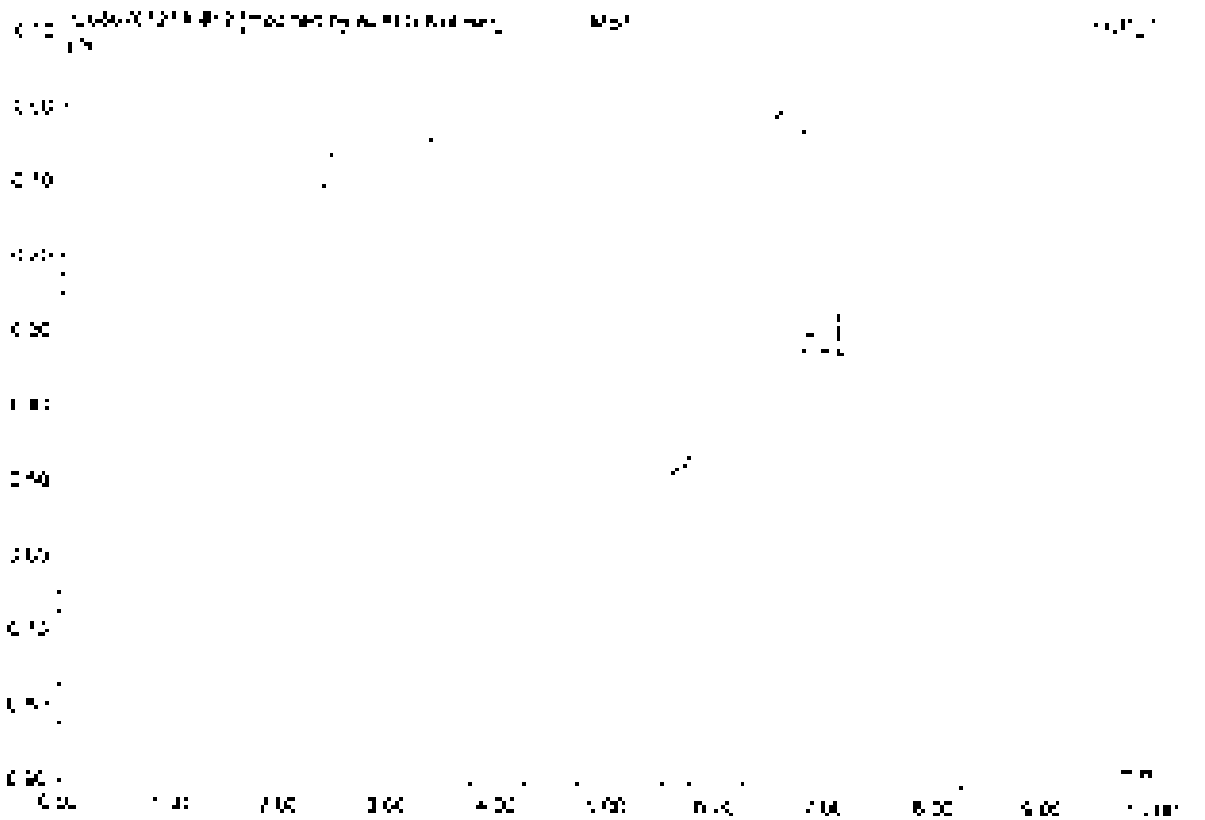
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	1.0000
Processing Time	7/2/2021 15:30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.36	Fluoride	4.370	1.234	26.01	4.912	BMU
2	3.50	Chloride	7.033	0.927	17.24	4.777	BMB
3	4.39	Nitrite	5.490	0.871	18.61	2.453	BVB
4	5.07	Bromide	1.170	0.169	3.56	2.378	BVU
5	5.50	Nitrate	5.356	1.033	21.77	2.454	BMU
6	6.74	Sulfate	2.900	0.607	12.81	6.917	BVU
Total			27.926	4.742	100.00	21.908	

12 MB1

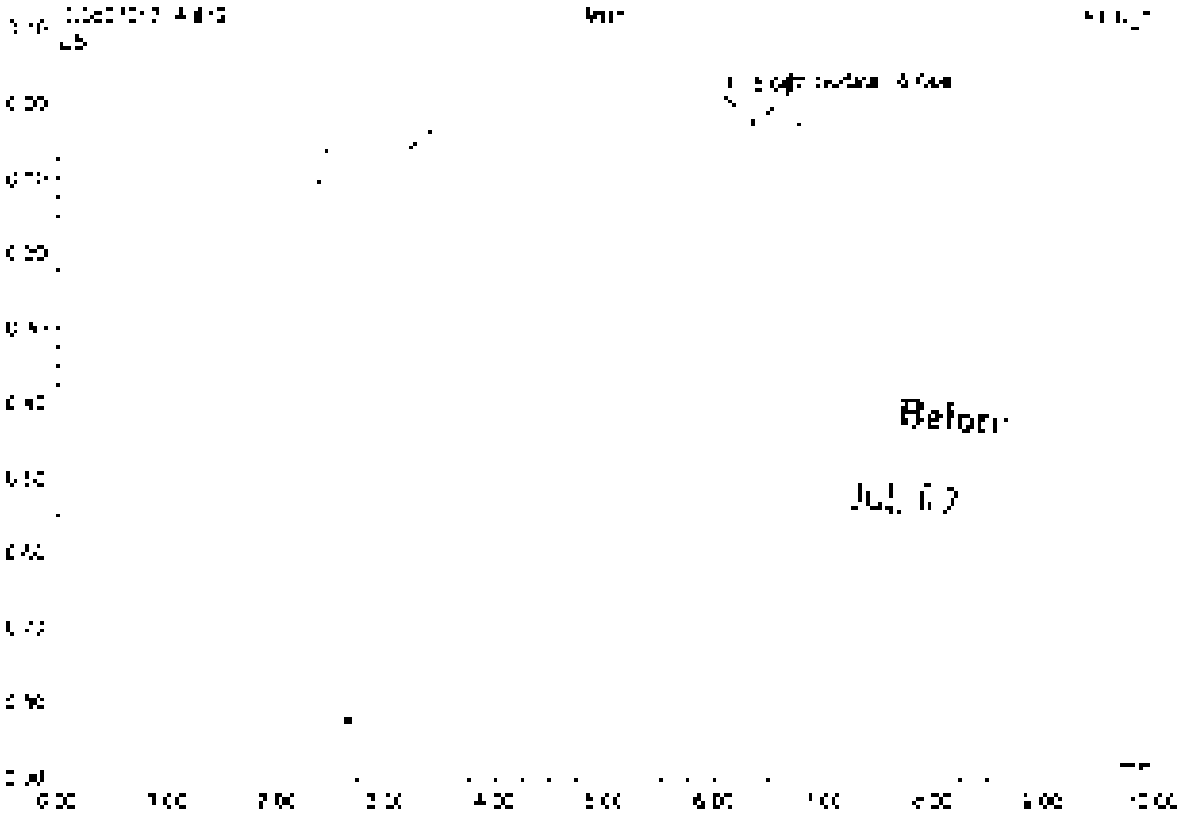
Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	[illegible]21 13:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

12 MB1

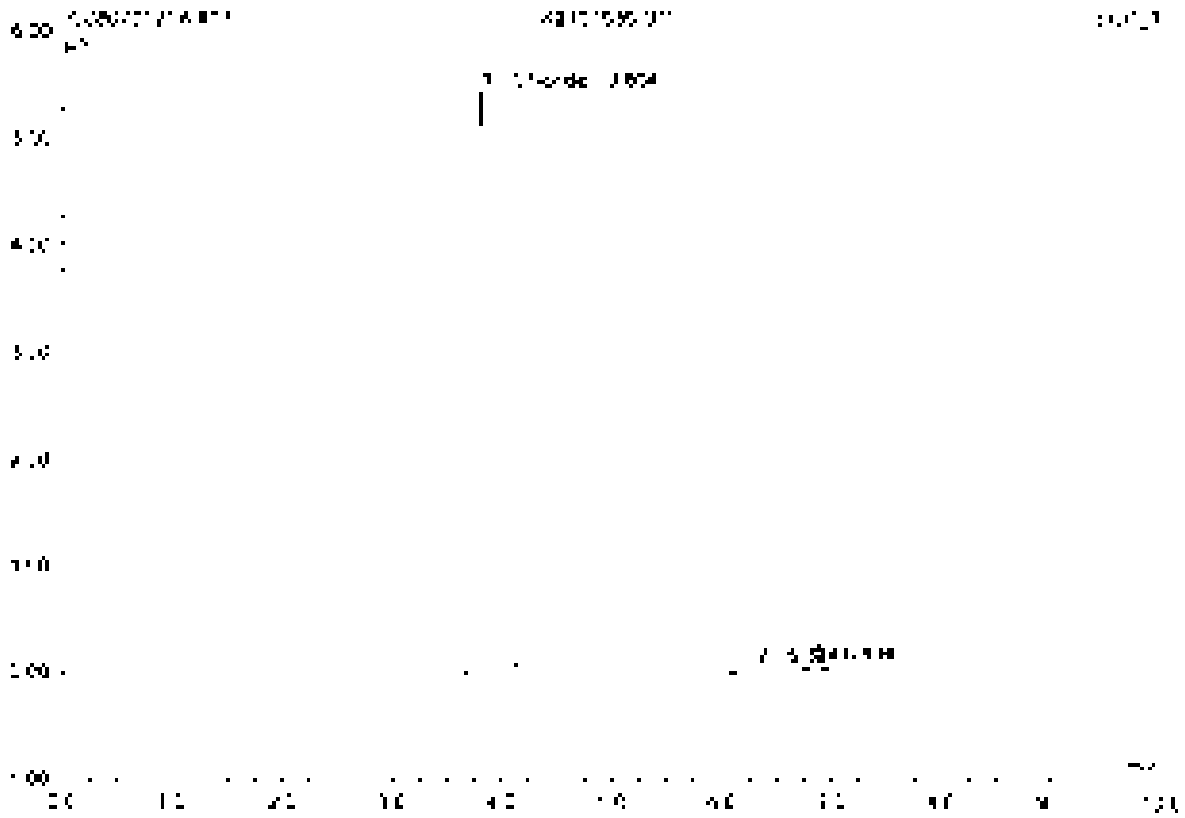
Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	7/9/2021 15:51	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	5.07	n.a.	0.064	1.393	99.48	n.a.	BMB
2	5.64	Sulfate	0.041	0.007	0.52	0.055	BMB
Total:			0.105	1.401	100.00	0.055	

13 K2107636-001

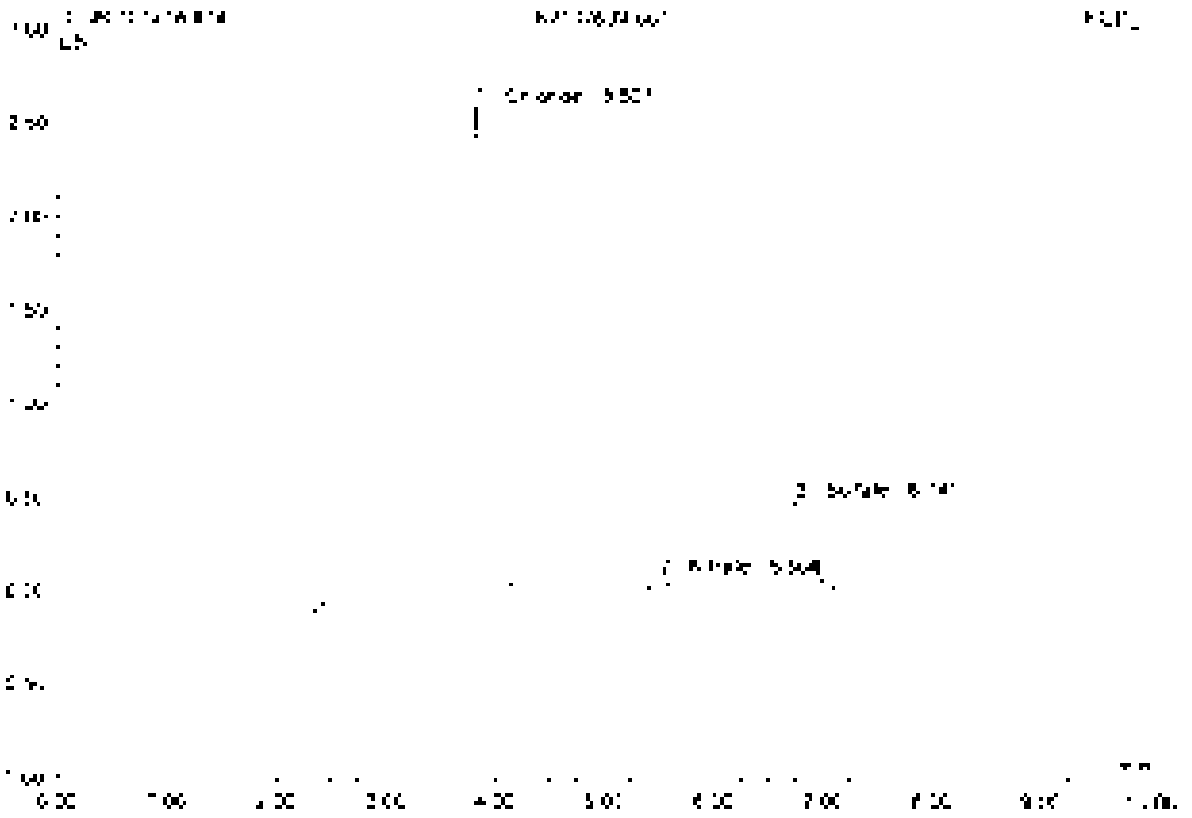
Sample Name	K2107636-001	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/1/2021 15:03	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.80	Chloride	5.421	0.654	85.46	7.552	BMB
2	6.33	n.a.	0.064	0.021	3.17	n.a.	BVB
3	6.83	n.a.	0.053	0.010	1.42	n.a.	BVB
Total			5.538	0.685	100.00	7.552	

14 K2107639-001

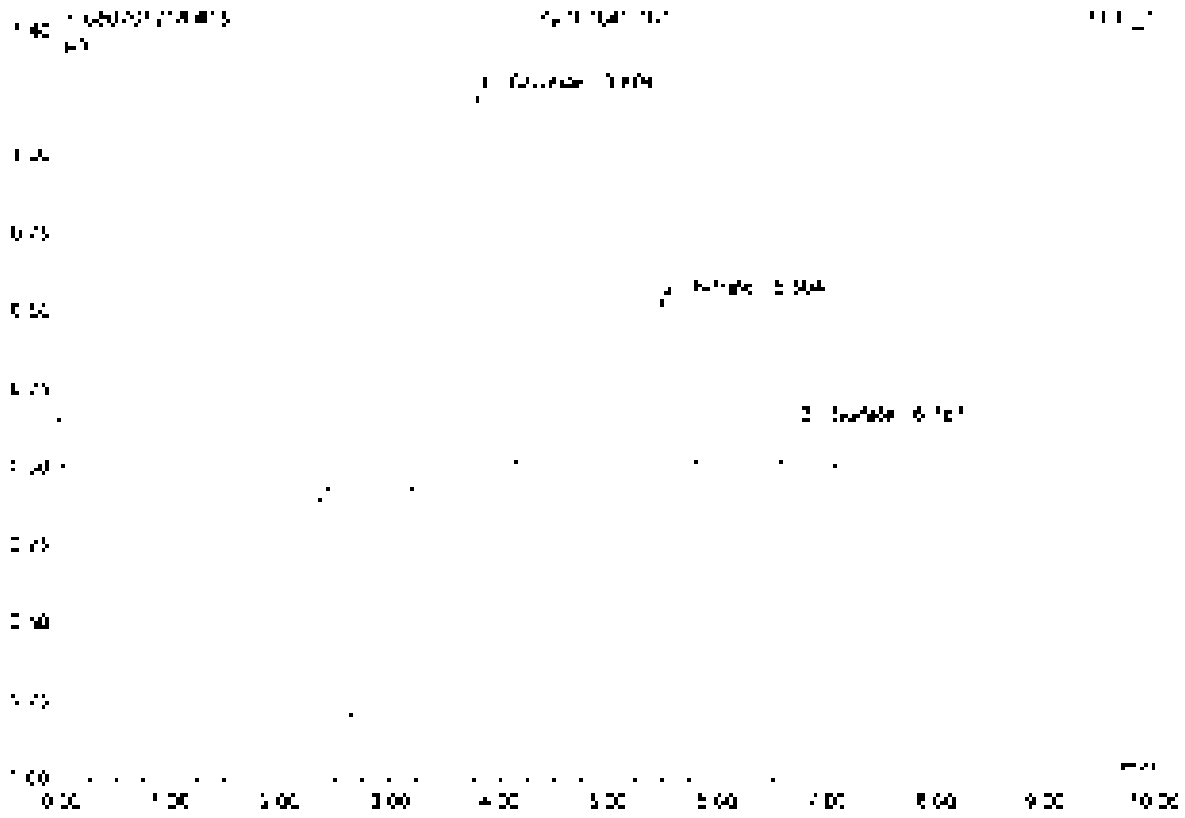
Sample Name	K2107639-001	Injection Volume	35.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Data Method	epa300	Dilution Factor	2.0000
Recording Time	7/8/2021 15:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.21	Chloride	7.679	0.371	72.62	3.894	BMB
2	5.56	Nitrate	0.076	0.010	2.14	0.096	BMB
3	6.74	Sulfate	0.477	0.105	24.63	1.373	BMB
Total			8.131	0.428	100.00	5.363	

15 K2107640-001

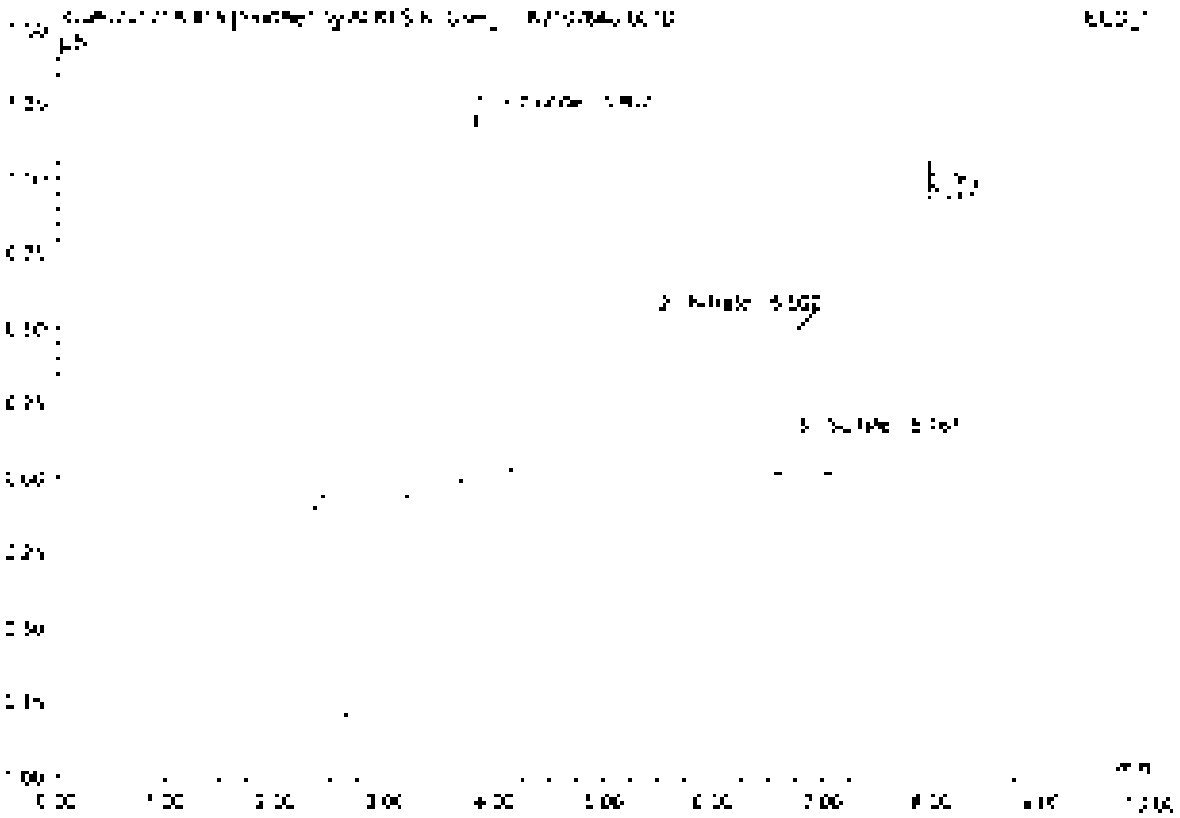
Sample Name	K2107640-001	Injection Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/1/2021 16:36	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Rel Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.80	Chloride	1.208	0.745	55.35	1.629	BMB
2	5.50	Nitrate	0.540	0.080	33.17	0.417	BMB
3	6.76	Sulfate	0.125	0.030	11.48	0.452	BMB
Total:			1.873	0.264	100.00	2.599	

16 K2107640-001D

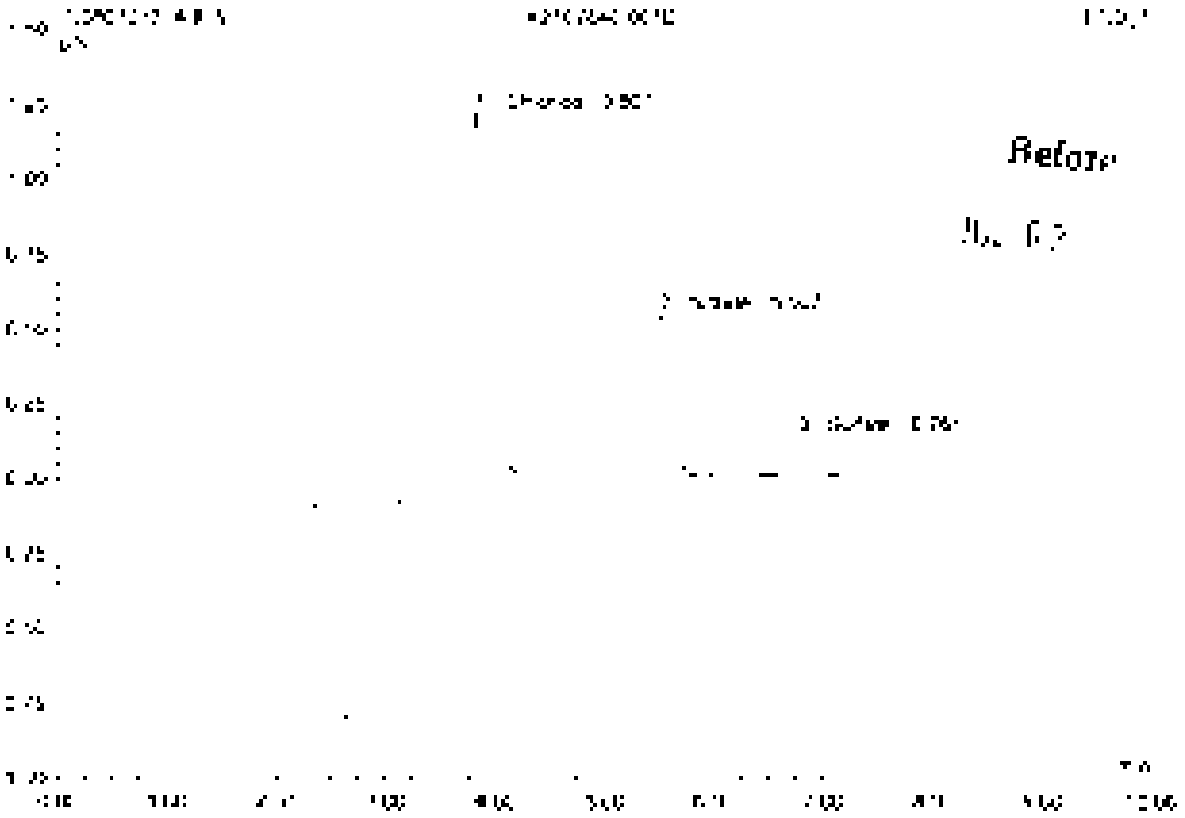
Sample Name	K2107640-001D	Injection Volume	25.0
Vial Number	6	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	[illegible] 16:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.8[illegible]	Chloride	1.2[illegible]5	0.[illegible]47	55.09	1.700	BMB
2	5.51	Nitrate	0.545	0.[illegible]65	33.10	0.42[illegible]	BMB
3	6.[illegible]5	Sulfate	0.[illegible]30	0.0[illegible]	11.72	0.50[illegible]	BMB
Total			1.892	0.20[illegible]	100.00	2.620	

16 K2107640-001D

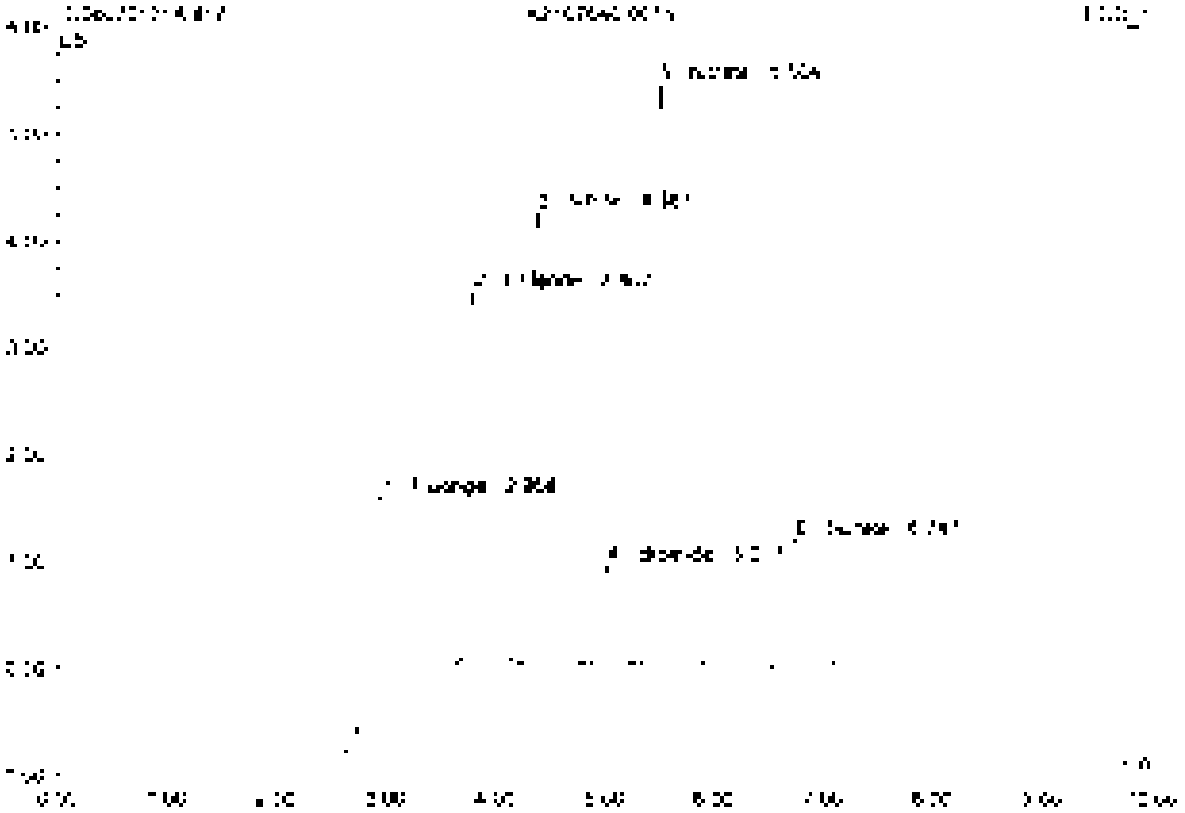
Sample Name	K2107640-001D	Injected Volume	35.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	2.0000
Recording Time	7/11/2021 18:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.51	Chloride	[illegible]	[illegible]	34.53	[illegible]	BVB
2	5.57	Nitrite	0.546	0.035	32.85	0.427	BVB
3	5.78	Sulfate	[illegible]	[illegible]	32.62	[illegible]	BVB
Total:			1.906	[illegible]	100.00	2.674	

17 K2107640-001S

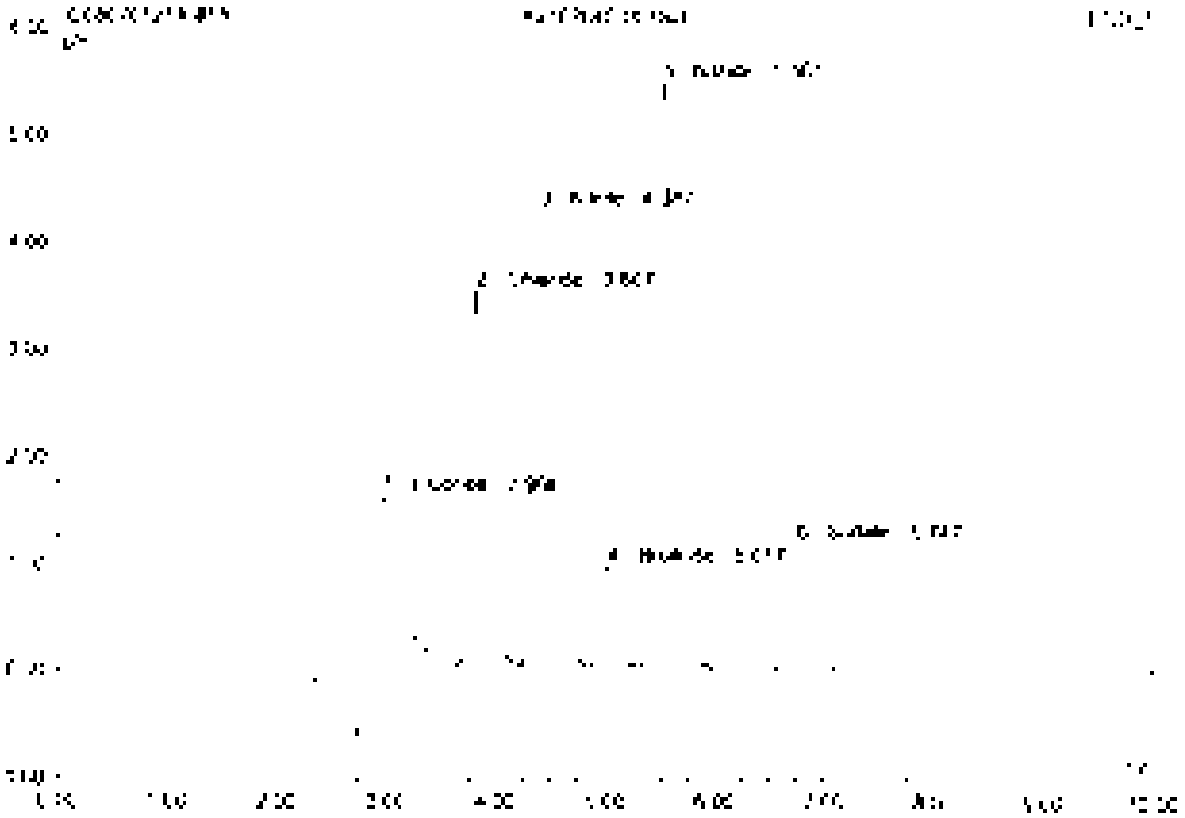
Sample Name	K2107640-001S	Injection Volume	25.0
Vial Number	7	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Processing Time	3/1/2021 16:49	Sample Weight	1.0000
Run Time (max.)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	2.057	0.597	20.02	0.420	BMB
2	3.81	Chloride	3.457	0.412	13.95	0.521	BMB
3	4.39	Nitrite	4.230	0.676	22.86	0.593	BVB
4	5.02	Bromide	0.902	0.134	4.55	0.562	BMB
5	5.50	Nitrate	5.421	0.884	29.96	0.477	BMB
6	5.75	Sulfate	1.195	0.256	8.65	0.302	BMB
Total			17.171	2.958	100.00	3.235	

18 K2107640-001SD

Sample Name	K2107640-001SD	Injection Volume	25.0
Vial Number	8	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa399	Bandwidth	n.a.
Quant Method	spa399	Dilution Factor	4.0000
Recording Time	7/1/2021 17:00	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

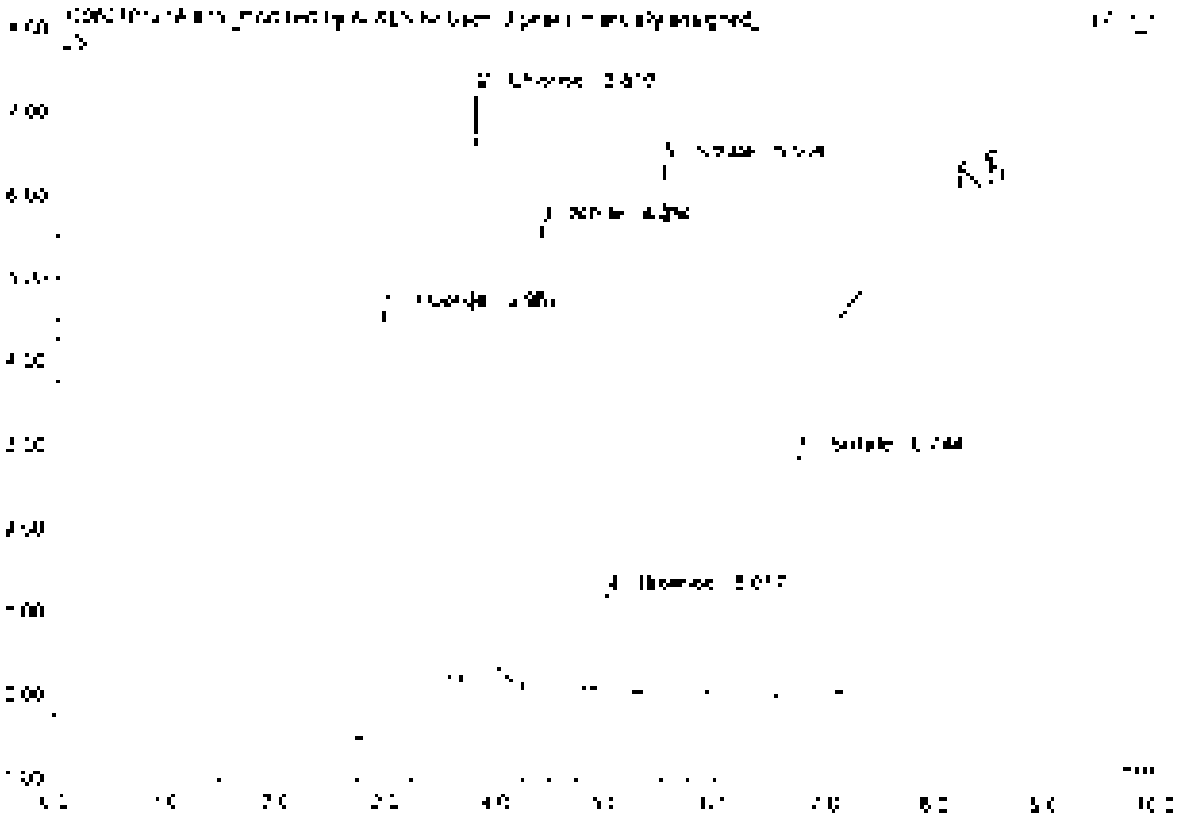


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	2.062	0.597	20.37	9.502	BMB
2	3.81	Chloride	3.472	0.410	13.89	9.531	BMB
3	4.39	Nitrite	4.270	0.660	22.88	7.644	BMB
4	5.02	Bromide	0.939	0.130	4.56	7.646	BMB
5	5.50	Nitrate	5.469	0.850	33.03	8.487	BMB
6	6.75	Sulfate	1.190	0.265	9.57	8.267	BMB
Total:			17.439	2.912	100.00	51.080	

Chromeleon Inc. Dionex 1996-2006
Version 6.80 SR1 (Build 3302) (156276)

19 CCV2

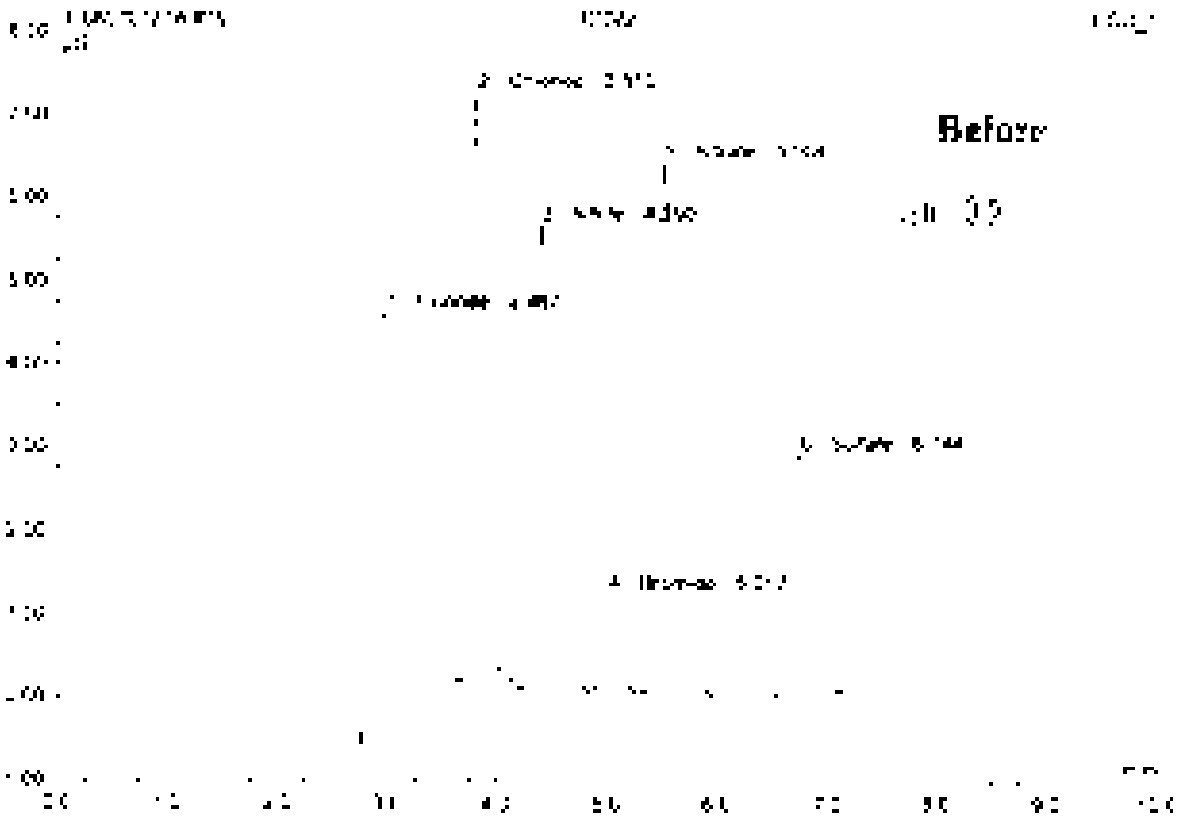
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/1/2021 17:12	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.97	Fluoride	4.972	[illegible]	25.13	4.717	BMB*
2	3.81	Chlorate	7.017	0.831	17.63	4.799	BMB*
3	4.39	Nitrite	5.552	0.891	18.90	2.504	BMB
4	5.27	Bromide	1.172	0.169	3.58	2.576	BMB*
5	5.50	Nitrate	6.374	[illegible]	21.35	2.460	BMB*
6	5.74	Sulfate	2.688	0.534	12.82	4.904	BMB*
Total:			28.066	4.714	100.00	21.761	

19 CCV2

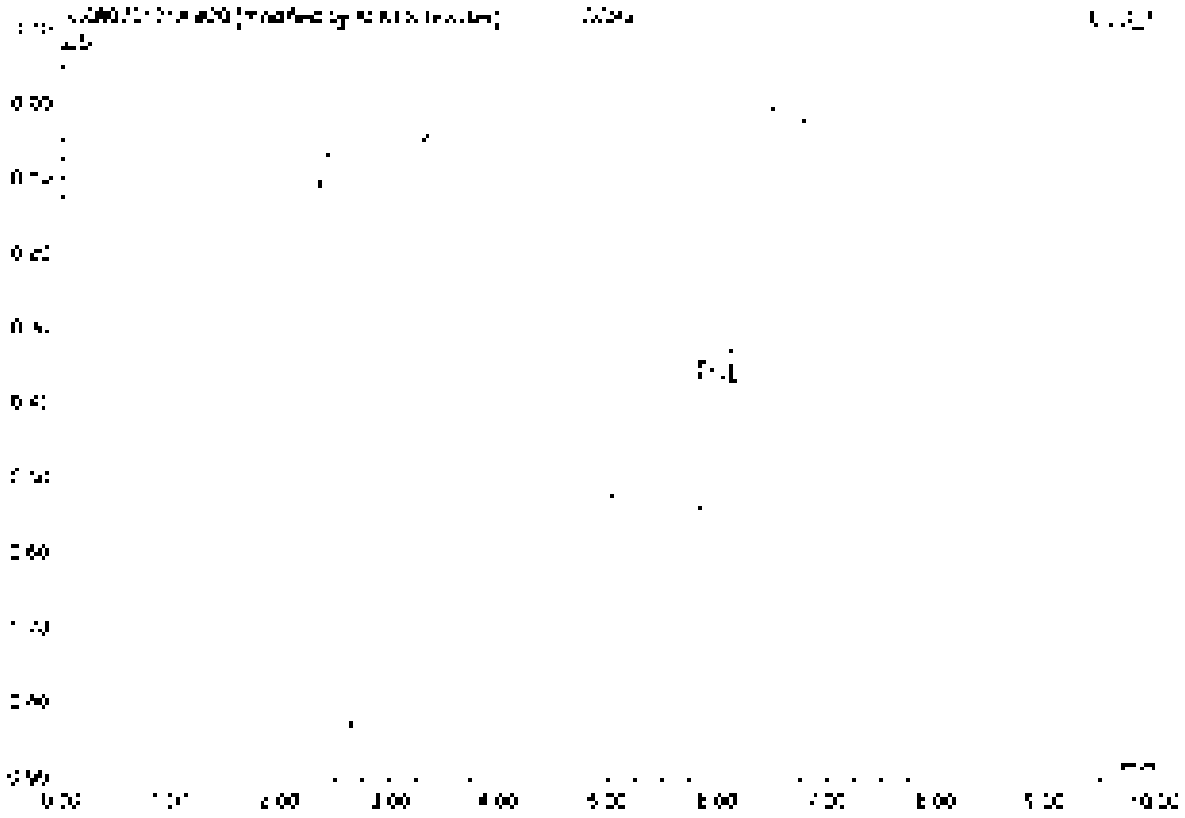
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Method Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	7/1/2021 17:12	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.97	Fluoride	4.999	1.233	25.86	4.969	BMB
2	3.81	Chloride	[illegible]	[illegible]	[illegible]	4.799	BMB
3	4.39	Nitrite	5.585	0.891	18.77	2.504	BMB
4	5.02	Bromide	[illegible]	0.169	3.54	2.075	BMB
5	5.50	Nitrate	6.374	1.035	21.73	2.460	BMB
6	6.74	Sulfate	7.886	0.604	12.69	4.905	BMB
Total:			28.042	4.762	100.00	21.653	

20 CCB2

Sample Name	CCB2	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Processing Time	7/1/2007 17:24	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total			0.000	0.000	0.00	0.000	

Delay Integration

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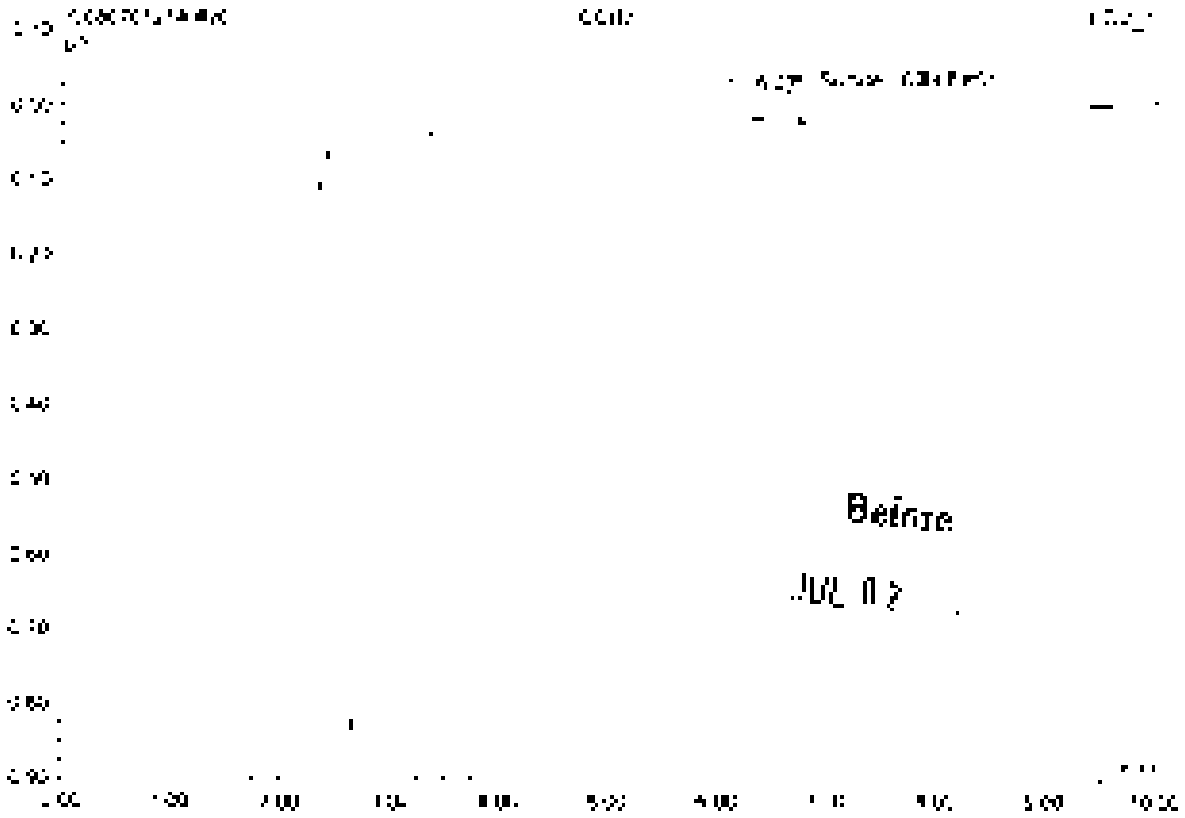
Version 6.60 SR1 Build 2307 (196279)

20 CCB2

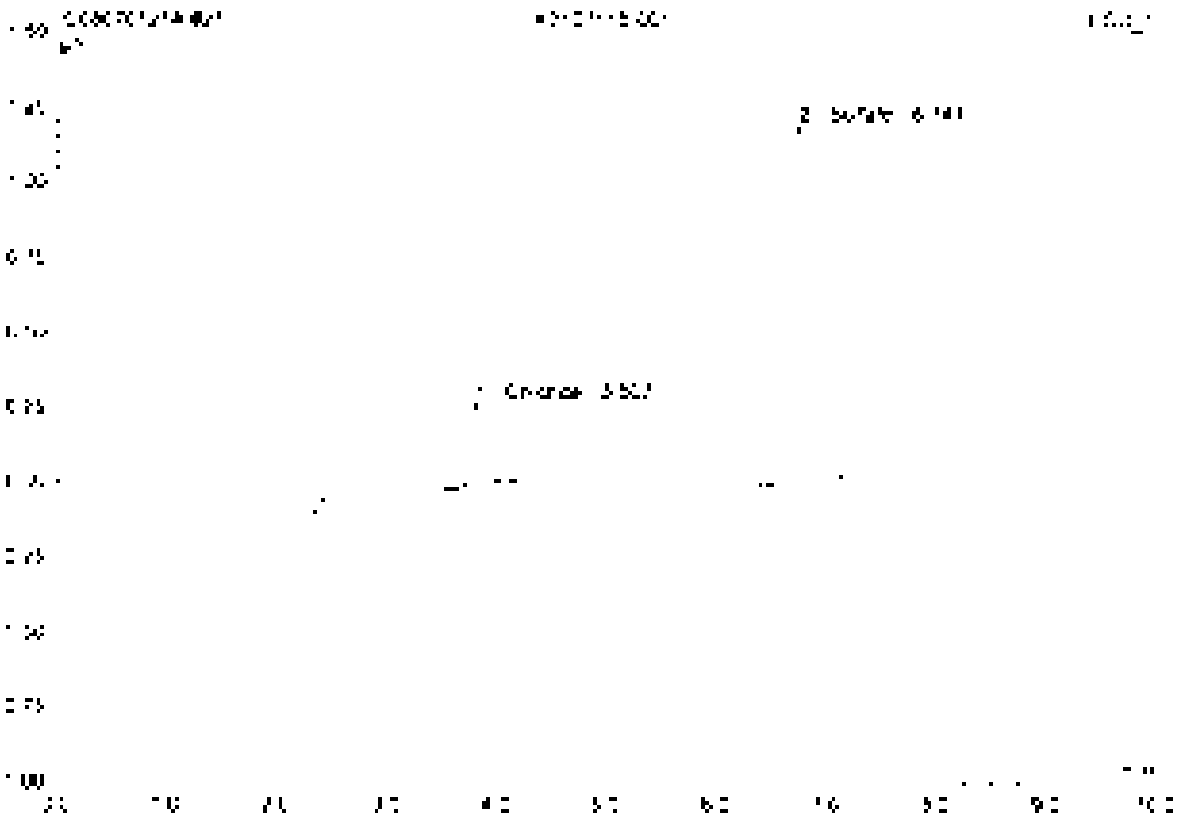
Sample Name:	CCB2	Injection Volume:	25.0
Vial Number:	49	Channel:	ECD 1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quant Method:	epa300	Dilution Factor:	1.0000
Recording Time:	7/1/2021 17:24	Sample Weight:	1.0000
Run Time (min):	10.00	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.37	n.a.	0.055	1.350	95.64	n.a.	BMB
2	6.65	Sulfate	0.000	0.007	0.49	0.058	BMB
3	7.50	n.a.	0.004	0.056	3.87	n.a.	BMB
Total:			0.060	1.453	100.00	0.058	

21 K2107118-001

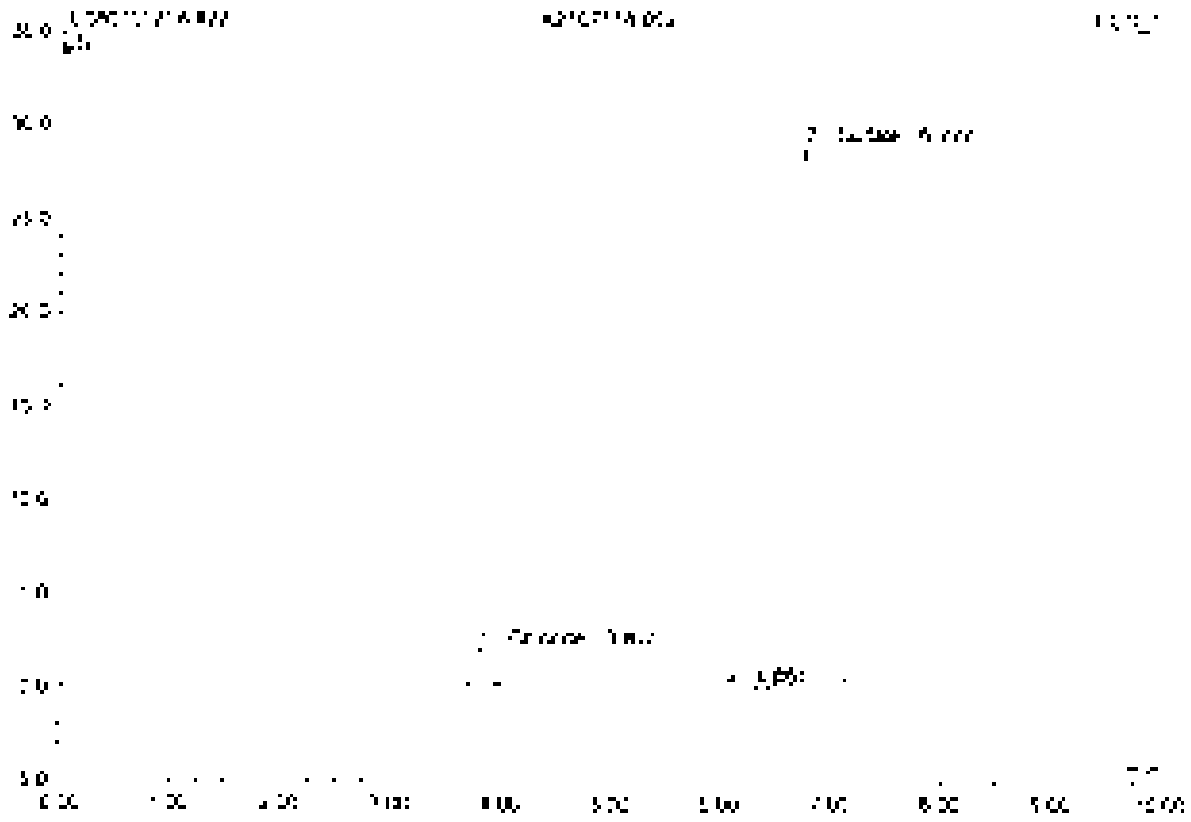
Sample Name	K2107118-001	Injection Volume	25.0
Vial Number	9	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Output Method	spa300	Dilution Factor	20.0000
Recording Time	7/1/2021 17:35	Sample Weight	1.0000
Run Time (min)	18.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.81	Chloride	0.275	0.036	12.40	4.164	BMB
2	6.75	Sulfate	1.197	0.255	87.60	41.341	BVB
Total			1.452	0.291	100.00	45.505	

22 K2107118-002

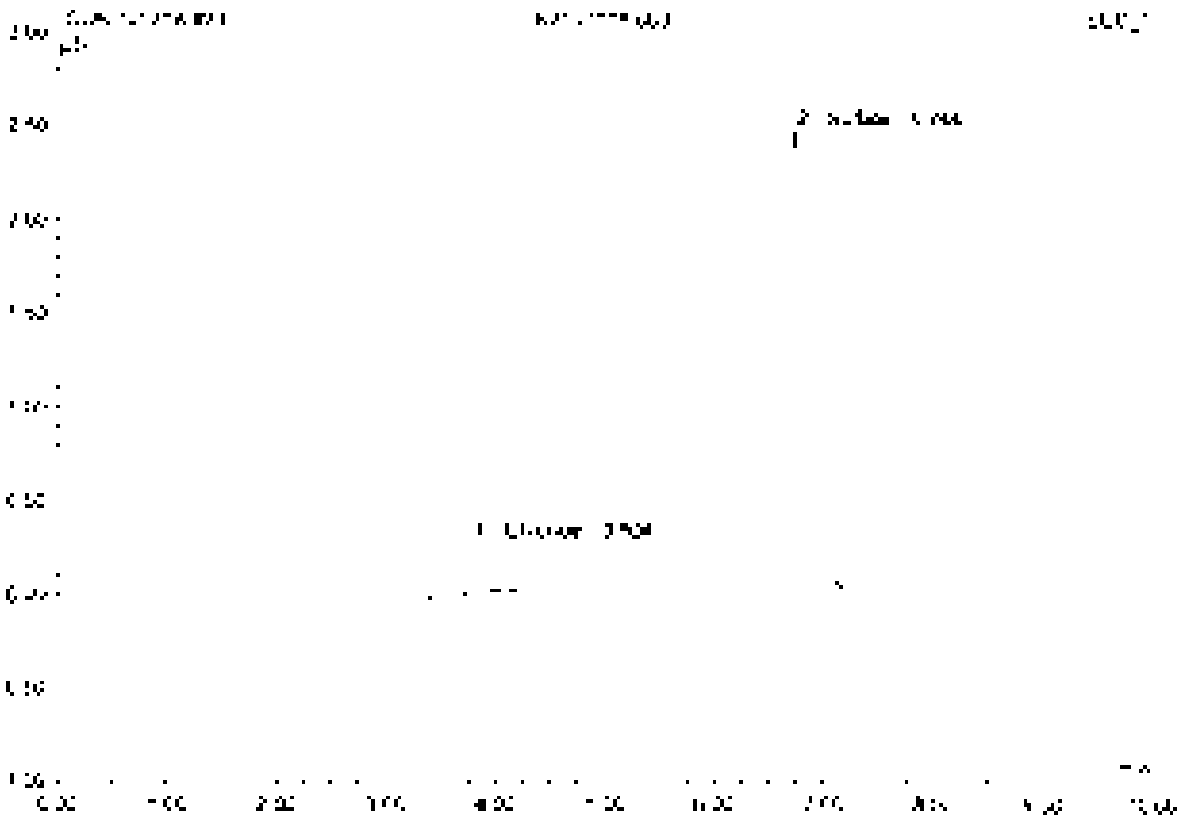
Sample Name	K2107118-002	Injection Volume	35.0
Vial Number	10	Channel	ECD: 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	20.0000
Recording Time	7/1/2021 17:47	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µSmin	Rel Area %	Amount	Type
1	3.61	Chloride	2.329	0.244	2.65	28.240	BV B
2	4.96	n.a.	0.348	0.021	0.31	n.a.	BV B
3	5.72	Sulfate	28.595	8.427	96.94	1043.593	BV B
Total:			30.676	8.692	100.00	1071.833	

23 K2107118-003

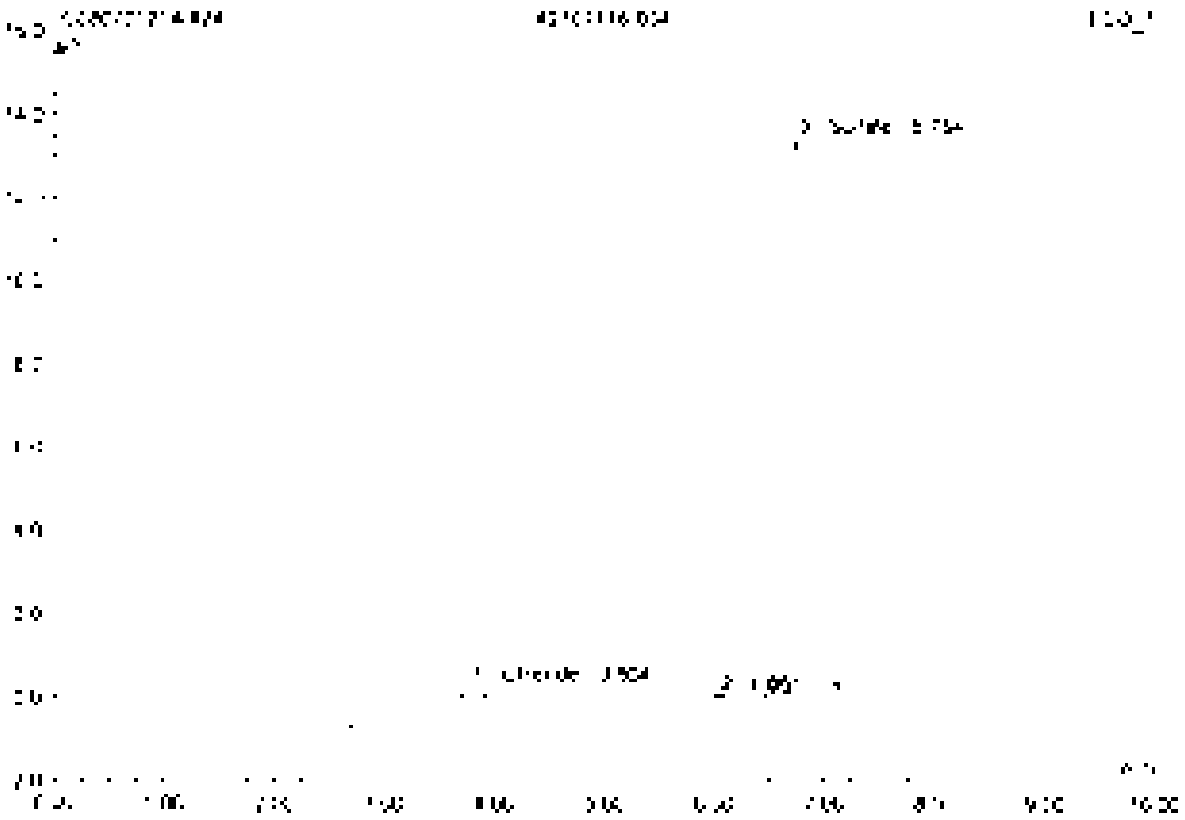
Sample Name	K2107118-003	Injection Volume	25.0
Vial Number	11	Channel	EGD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Solvent	n.a.
Quantit. Method	epa300	Dilution Factor	20.0000
Recording Time	7/1/2021 17:58	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.60	Chloride	0.251	0.037	6.62	4.281	BV S
2	5.24	Sulfate	2.455	0.522	93.38	84.807	BV S
Total:			2.706	0.559	100.00	89.088	

24 K2107118-004

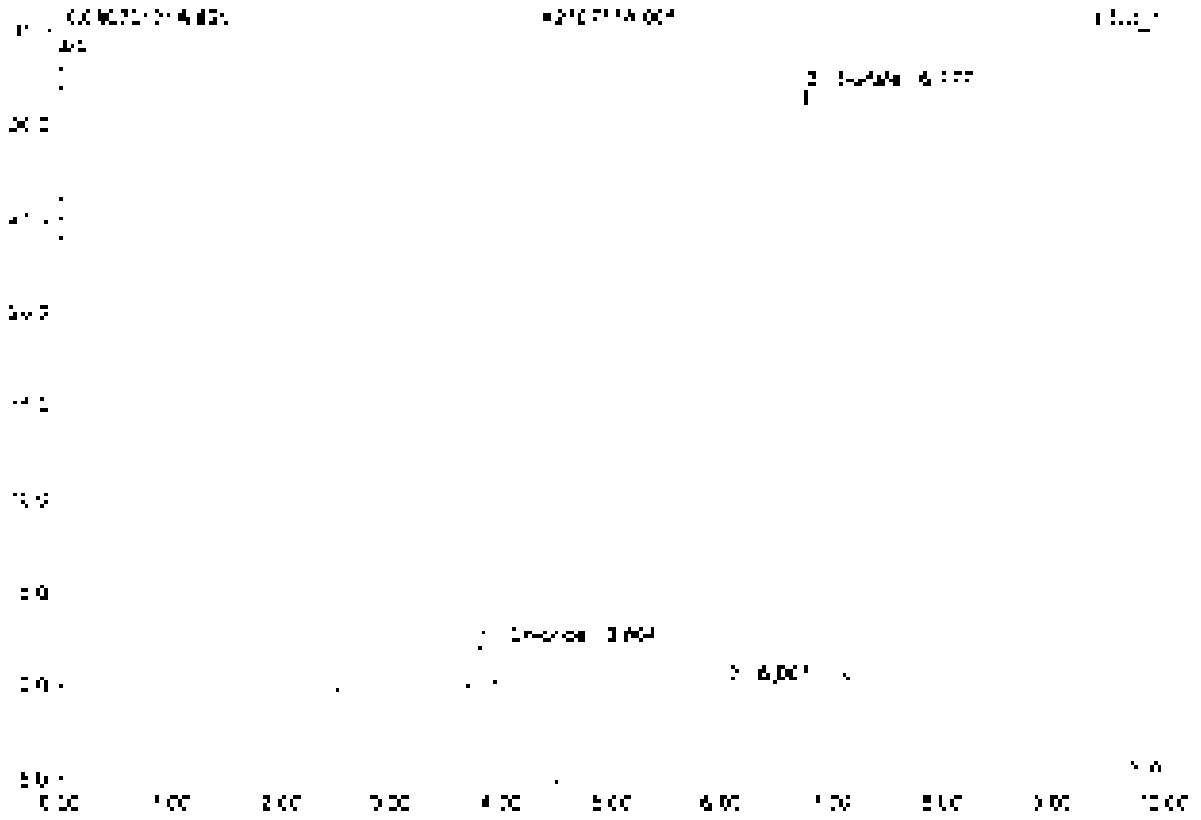
Sample Name	K2107118-004	Injection Volume	25.0
Vial Number	12	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant. Method	apa300	Calibration Factor	20.0000
Recording Time	7/1/2021 18:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.80	Chloride	0.275	0.032	1.16	3.643	BMB
2	6.08	n.a.	0.039	0.007	0.26	n.a.	BMB
3	6.75	Sulfate	13.283	2.826	98.58	458.840	BMB
Total:			13.599	2.865	100.00	462.483	

25 K2107118-005

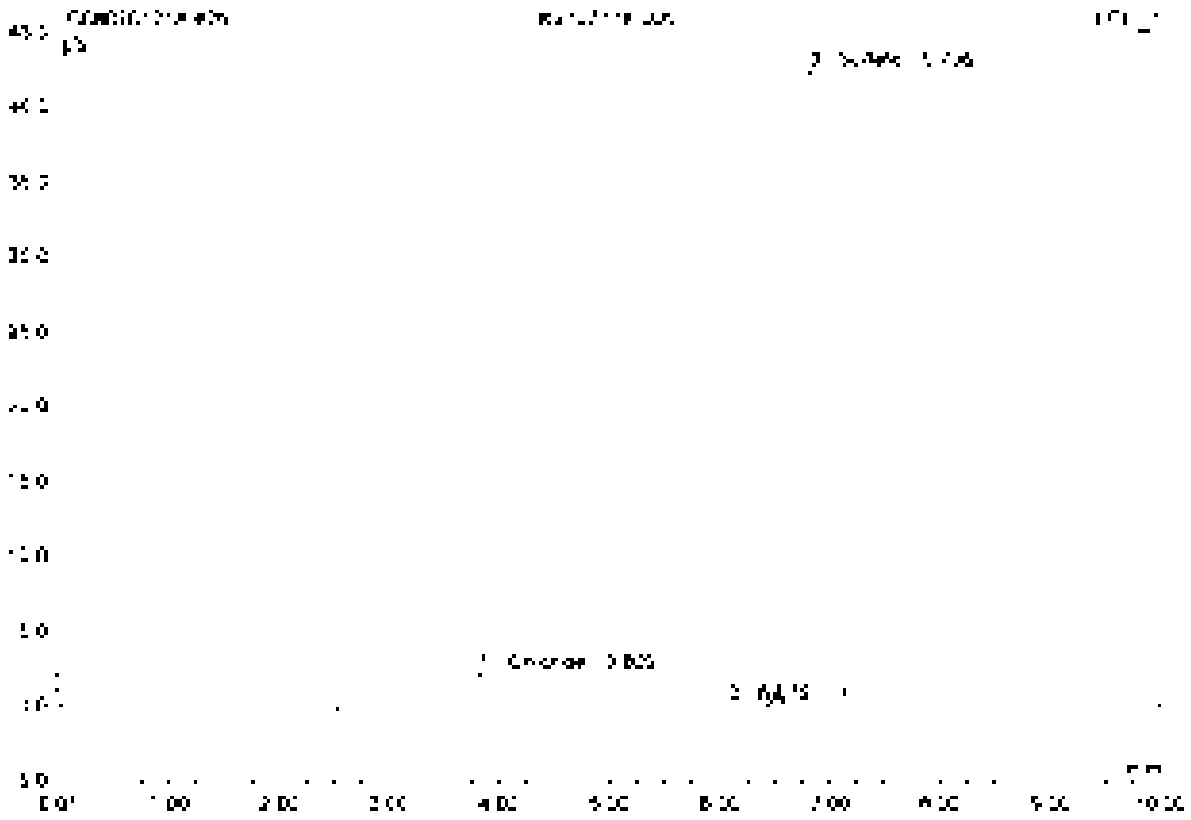
Sample Name	K2107118-005	Injection Volume	25.0
Vial Number	10	Column	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Control Factor	20.0000
Processing Time	[illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.80	Chloride	[illegible]	[illegible]	3.44	[illegible]	BV B
2	6.07	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BV B
3	[illegible]	Sulfate	31.415	[illegible]	96.42	[illegible]	BV B
Total:			33.602	[illegible]	100.00	[illegible]	

25 K2107118-006

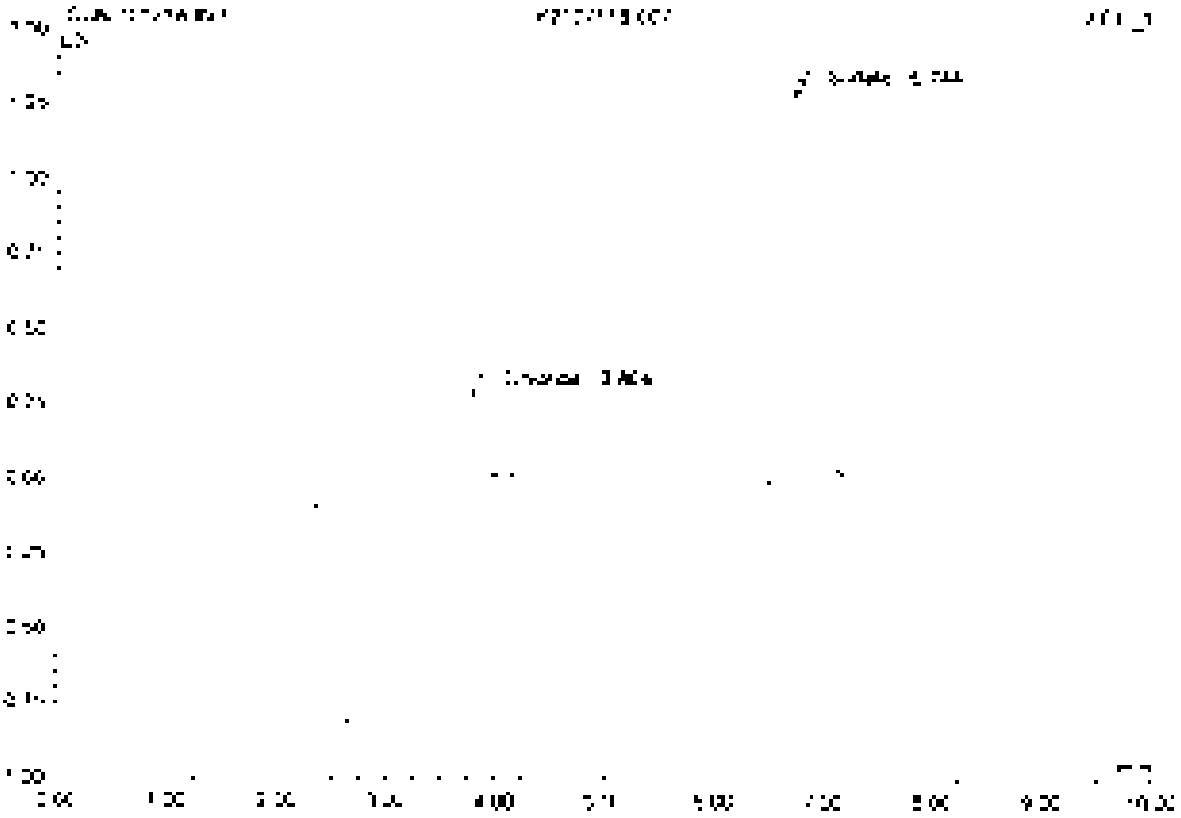
Sample Name	K2107118-006	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Comm. Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	20.0000
Processing Time	3/11/2021 10:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.81	Chlorate	2.132	0.256	2.46	[illegible]	BMB
2	6.08	n.a.	0.043	0.005	0.05	n.a.	BMB
3	6.80	Sulfate	41.804	10.134	97.49	1545.442	BMB
Total:			44.959	10.395	100.00	1545.[illegible]	

27 K2107116-007

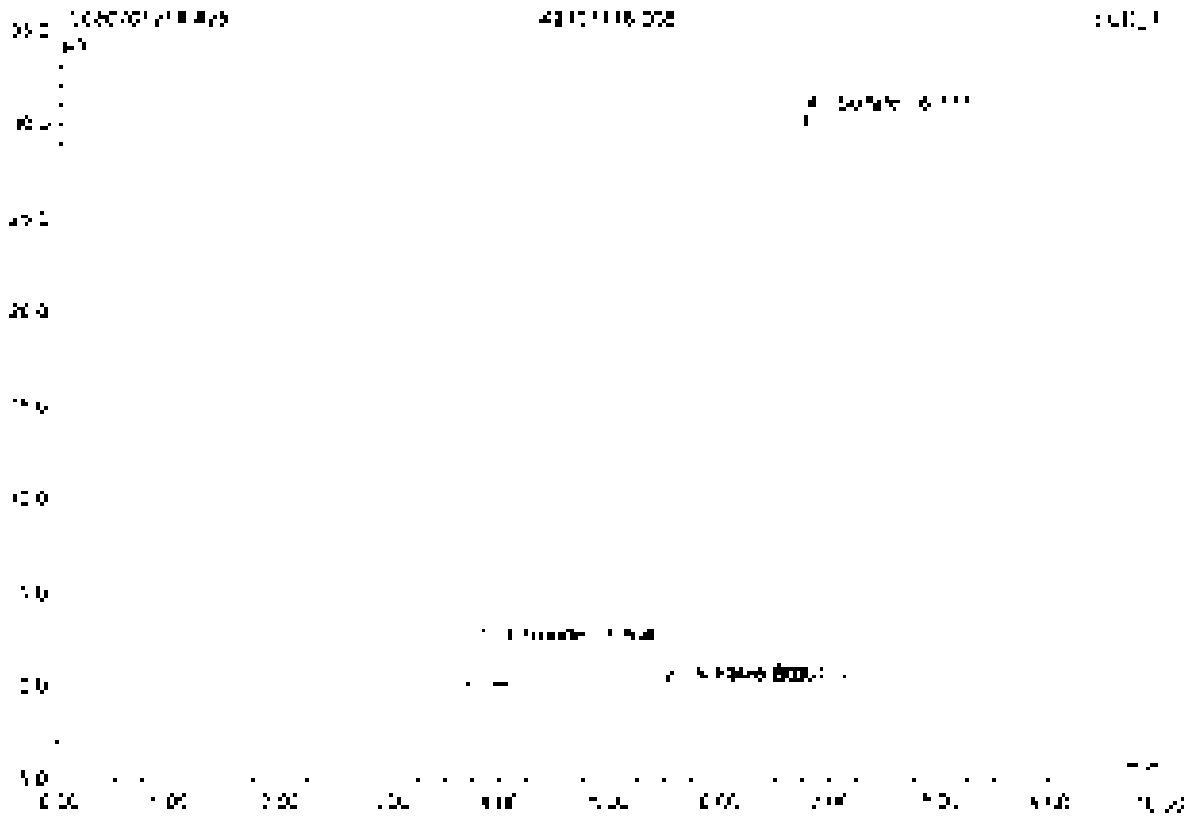
Sample Name	K2107116-007	Injection Volume	25.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quick Method	epa300	Dilution Factor	20.0000
Recording Time	7/1/2021 18:45	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.60	Chloride	[illegible]	[illegible]	11.65	4.351	BMB
2	6.74	Sulfate	[illegible]	[illegible]	88.35	46.404	BMB
Total:			[illegible]	[illegible]	100.00	50.755	

28 K2107118-008

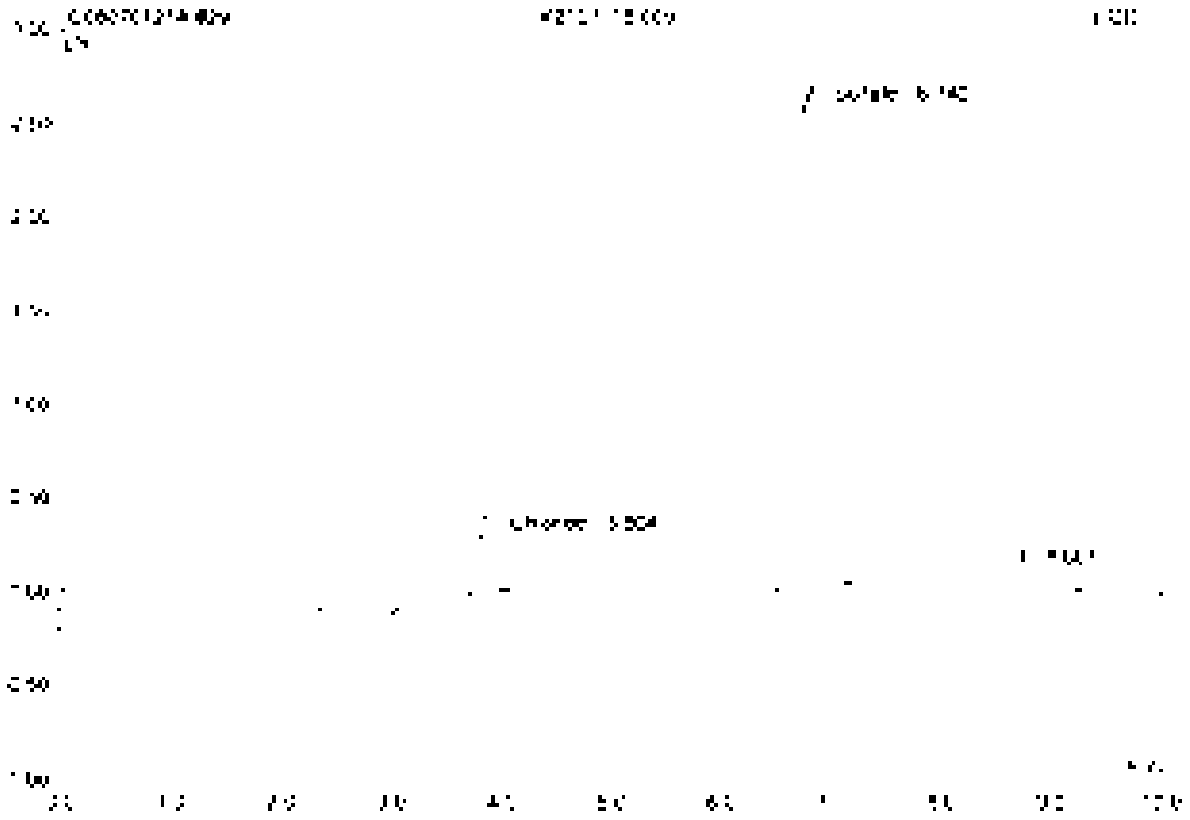
Sample Name	K2107118-008	Injection Volume	25.0
Vial Number	18	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	20.0000
Recording Time	7/1/2021 18:56	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.80	Chloride	2.145	0.258	3.65	25.849	BMB
2	3.53	Nitrate	0.034	0.005	0.08	0.251	BMB
3	6.05	n.a.	0.035	0.007	0.10	n.a.	BMB
4	6.79	Sulfate	30.170	6.808	96.17	1105.322	BVB
Total:			32.384	7.079	100.00	1135.418	

29 K2107118-009

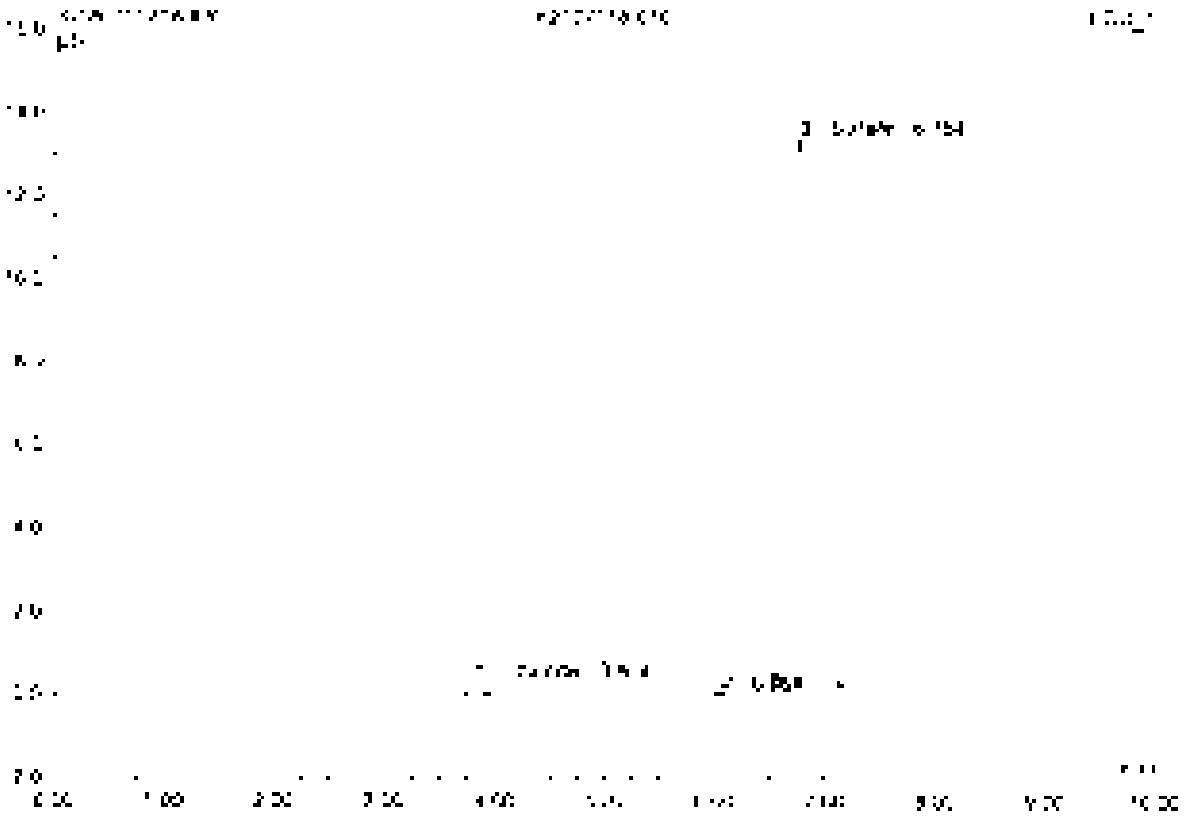
Sample Name	K2107118-009	Injection Volume	35.0
Vial Number	17	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa500	Bandwidth	n.a.
Quant. Method	apa500	Dilution Factor	50.0000
Recording Time	7/1/2021 19:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.80	Chloride	0.217	0.040	5.79	4.615	BMB
2	6.74	Sulfate	2.579	0.549	79.54	89.096	BMB
3	5.67	n.a.	0.115	0.101	14.67	n.a.	BMB
Total:			3.010	0.690	100.00	93.710	

30 K2107118-010

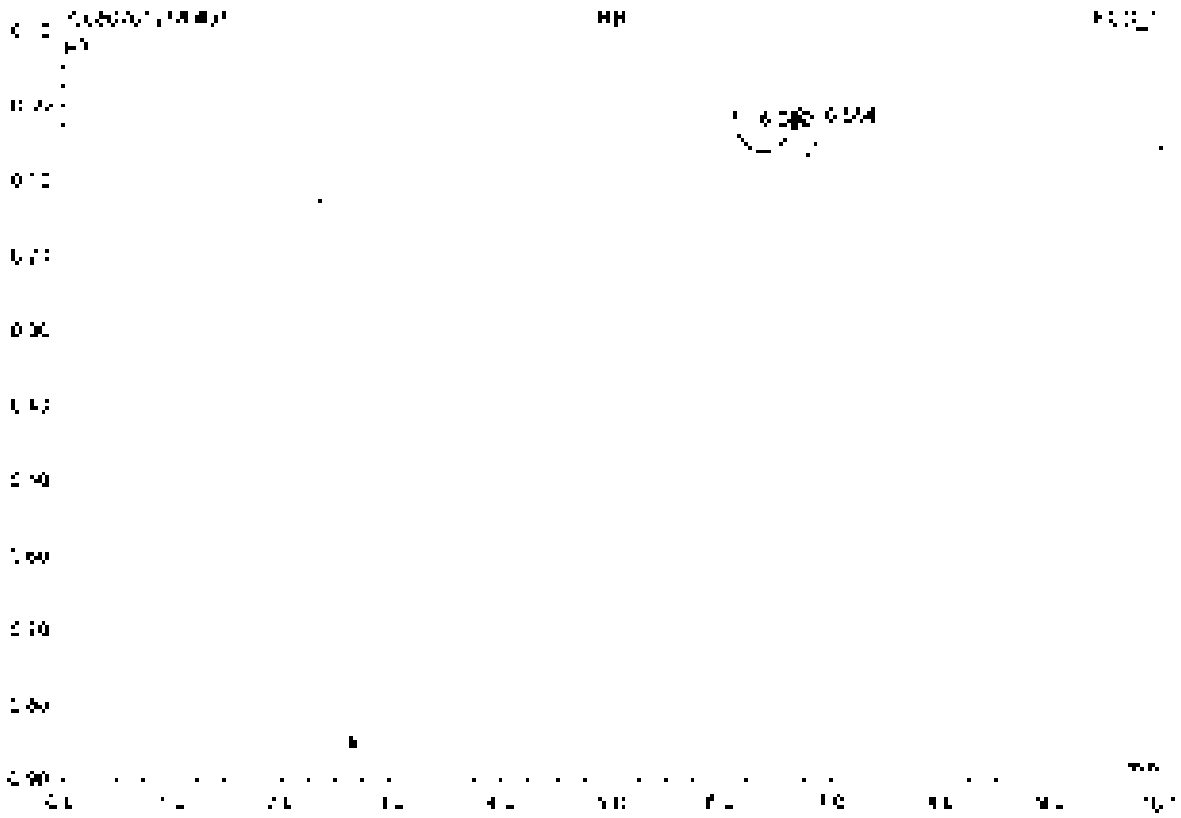
Sample Name	K2107118-010	Injection Volume	35.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	7/1/2021 18:20	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.80	Chloride	0.294	0.035	1.22	4.047	BV B
2	6.56	n.a.	0.035	0.013	0.51	n.a.	BV B
3	6.75	Sulfate	10.280	2.824	98.45	458.491	BV B
Total:			10.609	2.868	100.00	462.537	

31 RB

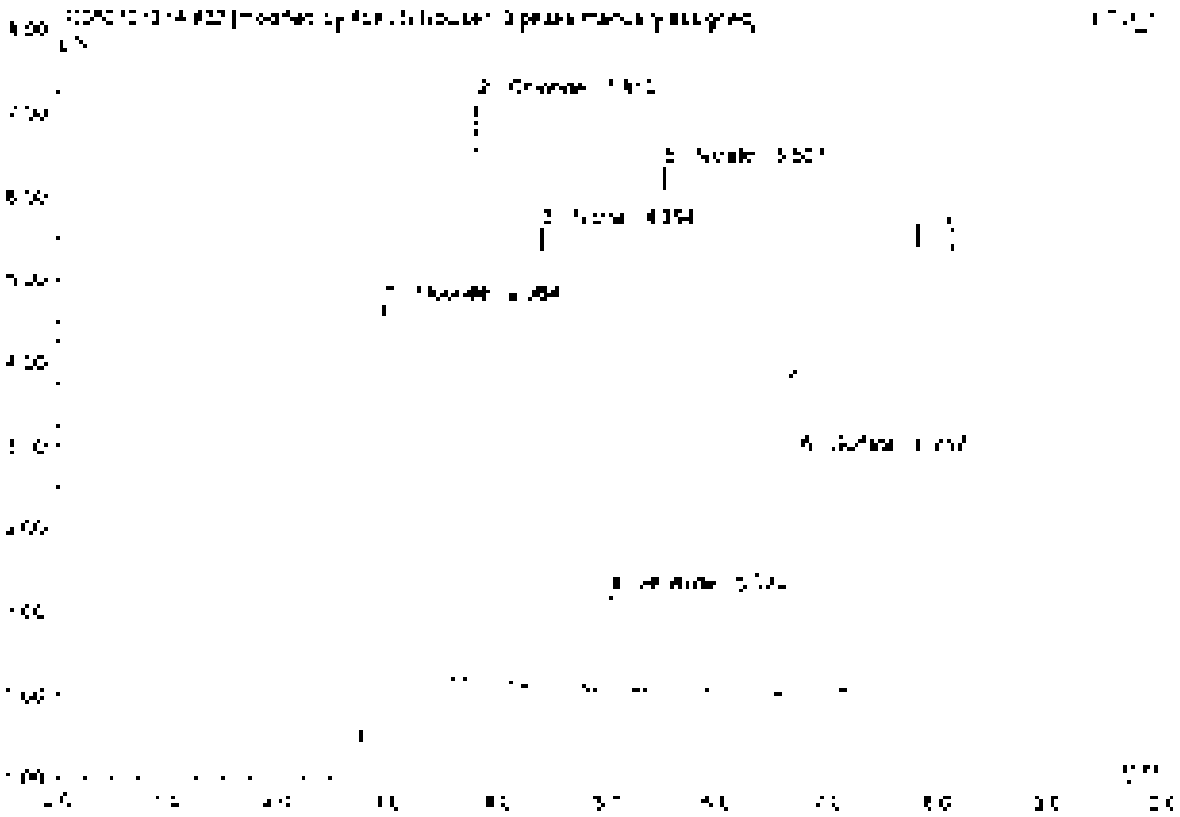
Sample Name	RB	Injection Volume	25.0
Vial Number	50	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Barometer	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	7/1/2021 19:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.08	n.a.	0.089	[illegible]	89.51	n.a.	BMB
2	6.66	n.a.	0.008	0.006	0.47	n.a.	BMB
Total:			[illegible]	[illegible]	100.00	0.000	

32 CCV3

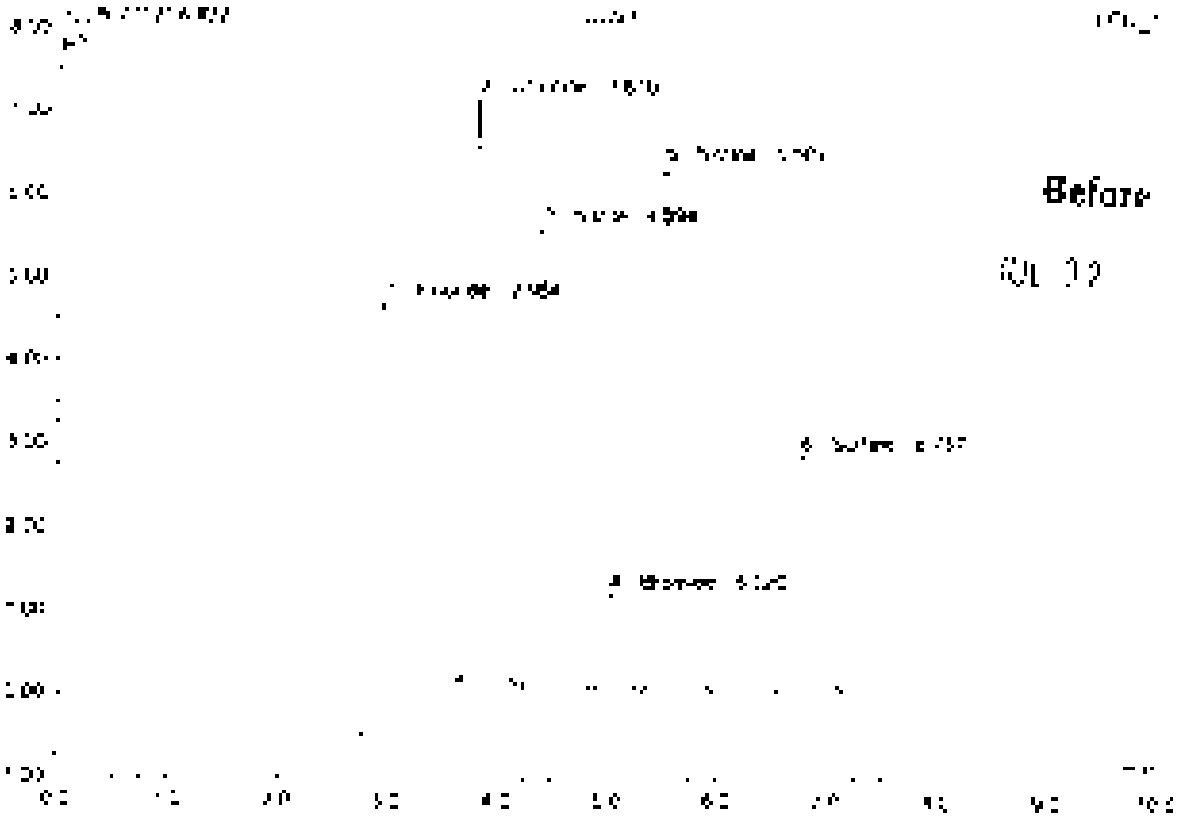
Sample Name	CCV3	Injection Volume	25.0
Vial Number	48	Channel	UCD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	7/1/2021 18:45	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	5.072	1.197	26.55	4.766	BMB*
2	3.67	Chloride	7.006	0.822	17.54	4.749	BMB*
3	4.35	Nitrite	5.525	0.679	15.06	2.470	BVB
4	5.02	Bromide	1.164	0.168	3.58	2.302	BVB*
5	5.41	Nitrate	6.311	1.024	21.84	2.400	BVB*
6	6.76	Sulfate	2.866	0.597	12.74	4.648	BVB*
Total			27.952	4.687	100.00	21.631	

32 CCV3

Sample Name	CCV3	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n/a
Control Program	epa300	Bandwidth	n/a
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	7/1/2021 19:43	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



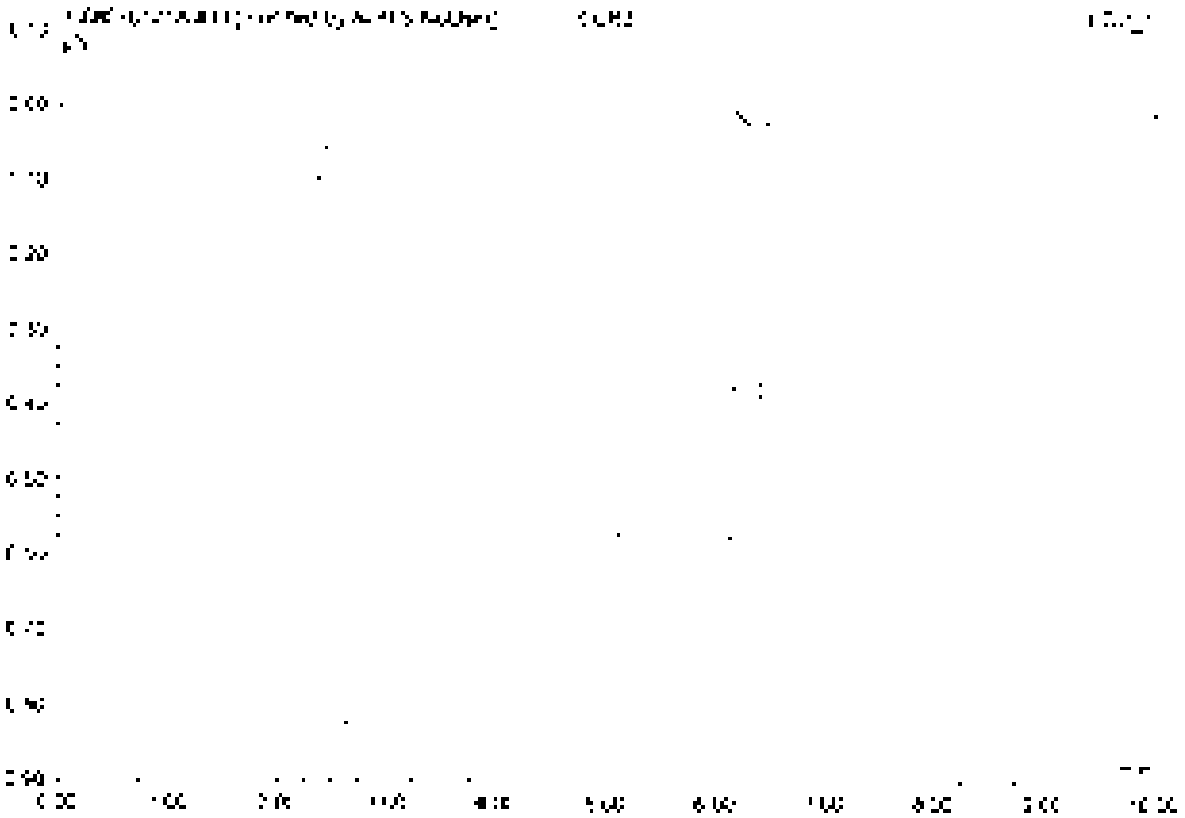
No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	5.095	[illegible]	26.21	4.936	BMB
2	3.81	Chloride	7.836	0.922	17.39	4.749	BMB
3	4.39	Nitrite	5.539	0.979	18.50	2.470	BMB
4	5.02	Bromide	1.154	0.168	3.54	2.362	BMB
5	5.51	Nitrate	5.317	1.024	21.54	2.432	BMB
6	5.76	Sulfate	2.850	0.947	19.63	4.848	BMB
Total			27.973	4.729	100.00	21.759	

Default Integration

Chromeleon, Dionex 1996-2006
Version 6.80 SR1 Build 3303 (1.96279)

33 CCB3

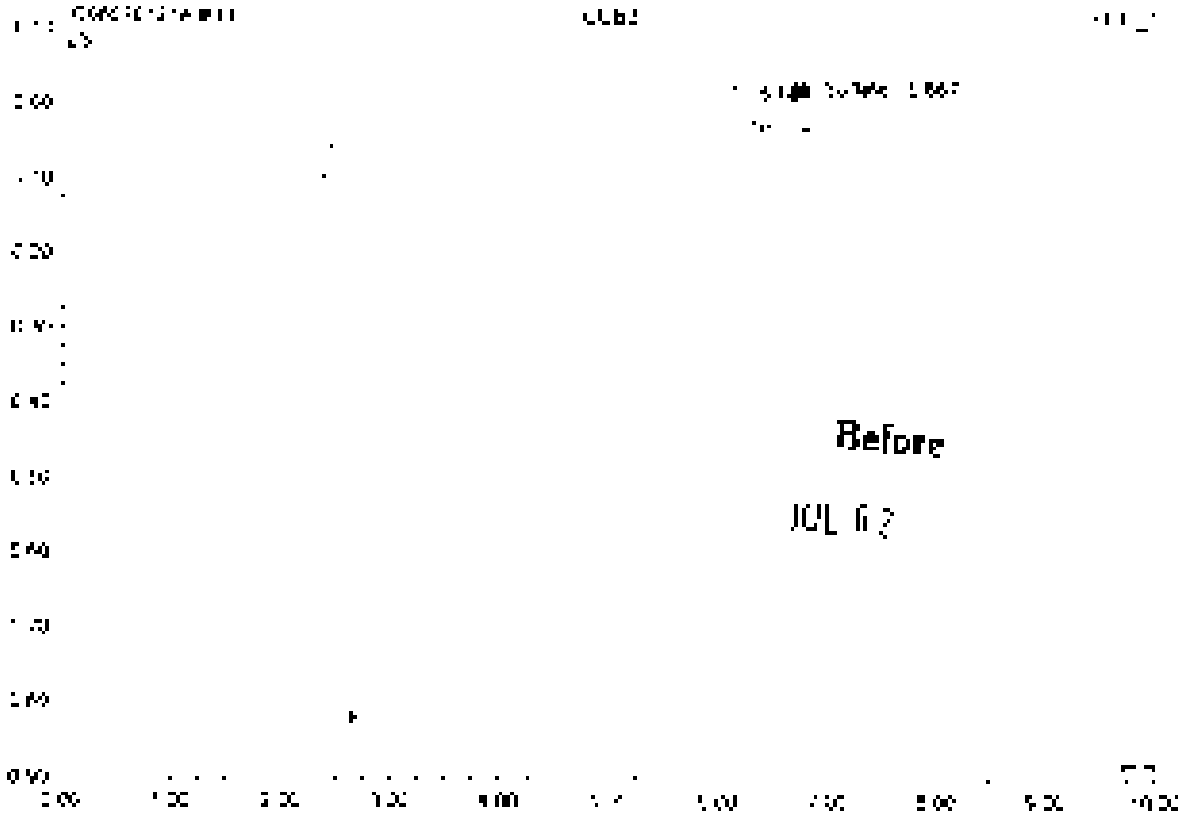
Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Operator Method	apa300	Dilution Factor	1.0000
Processing Time	7/1/2021 19:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

33 CCB3

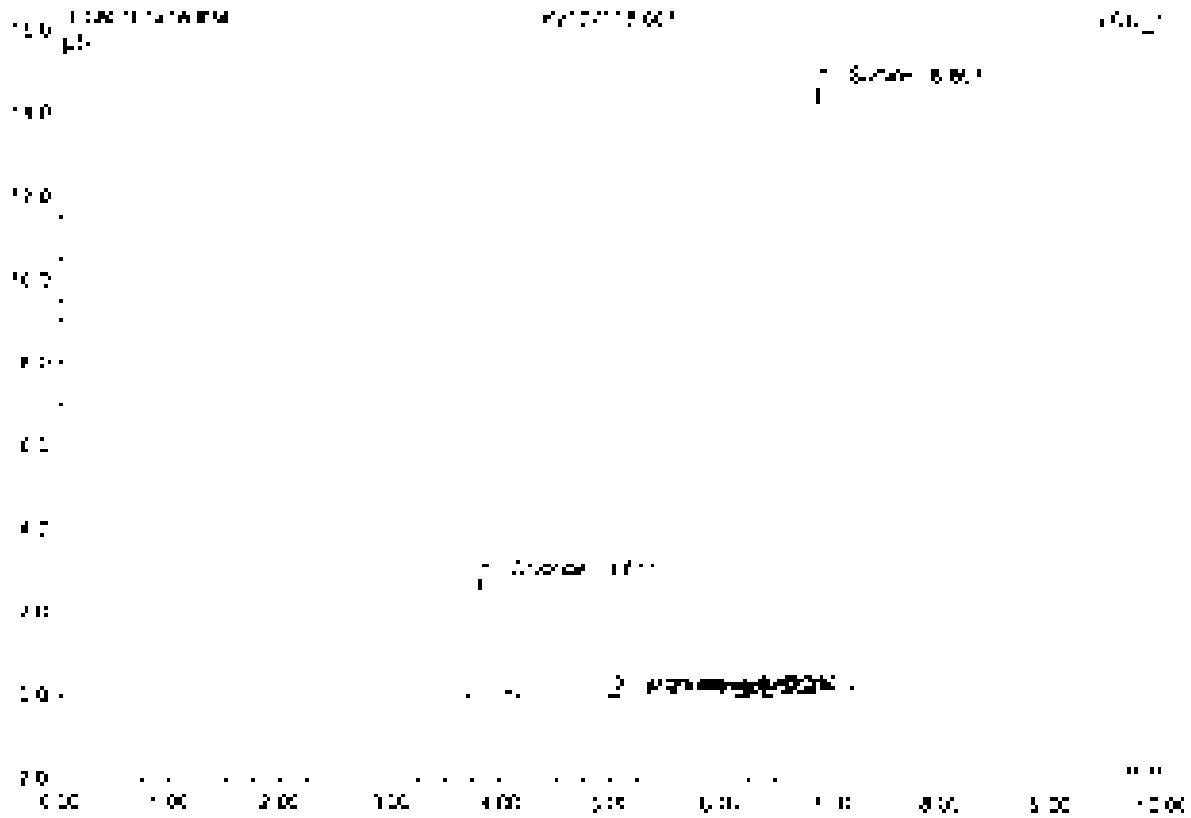
Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	7/1/2021 19:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	6.09	n.a.	0.095	1.392	99.51	n.a.	BMb
2	6.57	Sulfate	0.040	0.007	0.49	0.056	BMB
Total:			0.135	1.399	100.00	0.056	

34 K2107118-001

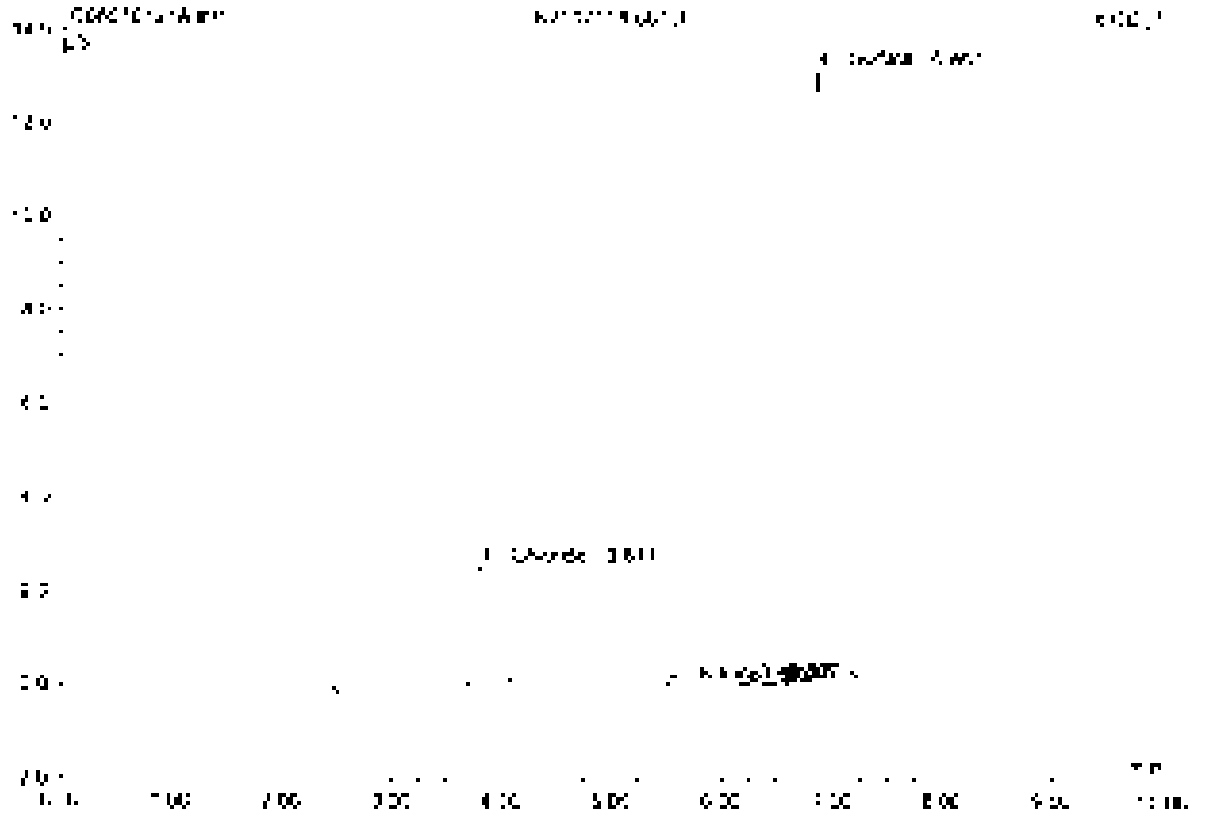
Sample Name	K2107118-001	Injection Volume	25.0
Vial Number	19	Channel	CGD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/2/2021 14:32	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.81	Chloride	2.181	0.342	10.73	3.552	BMB
2	5.03	Bromide	0.096	0.006	0.17	0.155	BMB
3	1.52	Nitrate	0.021	0.009	0.28	0.043	BMB
4	6.32	n.a.	0.063	0.070	2.19	n.a.	BMB
5	6.85	Sulfate	14.552	2.812	88.20	45.634	BMB
Total:			17.451	3.188	100.00	49.834	

35 K2107118-001D

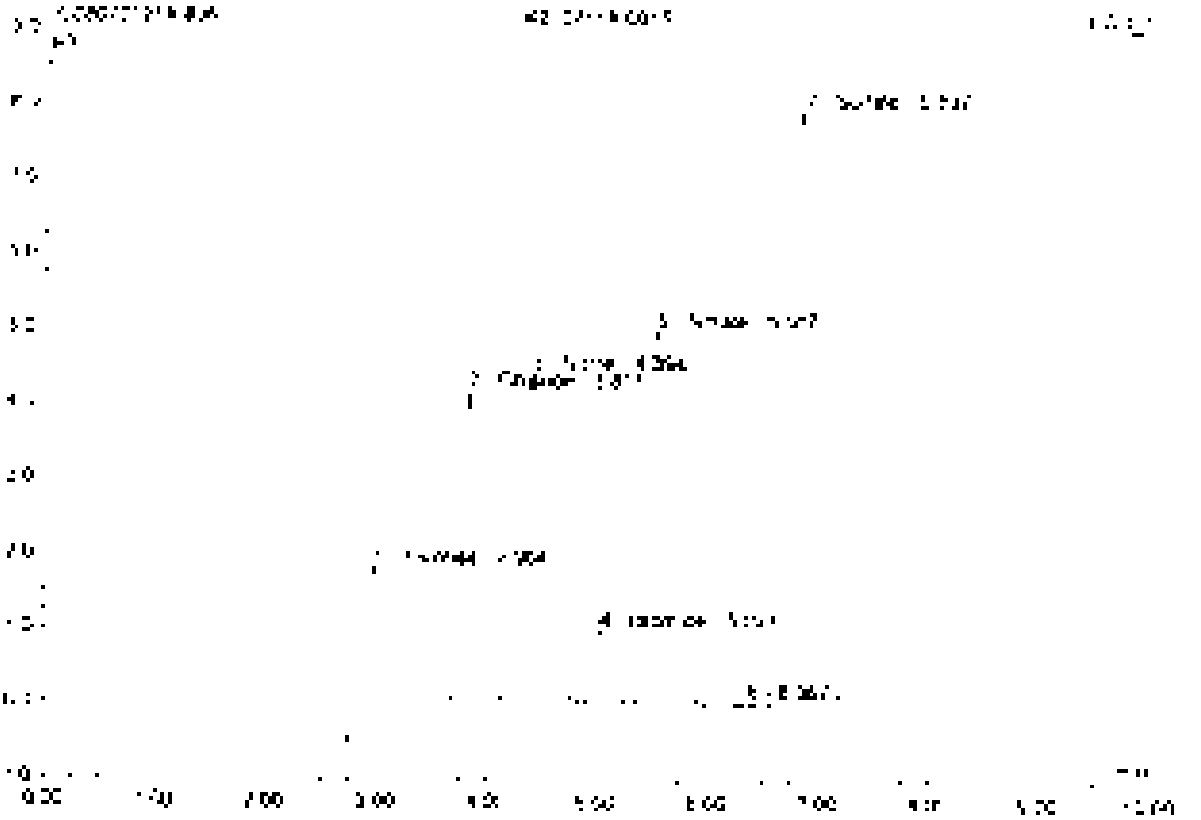
Sample Name	K2107118-001D	Injection Volume	35.0
Vial Number	29	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/8/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
3	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
4	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

38 K2107118-001S

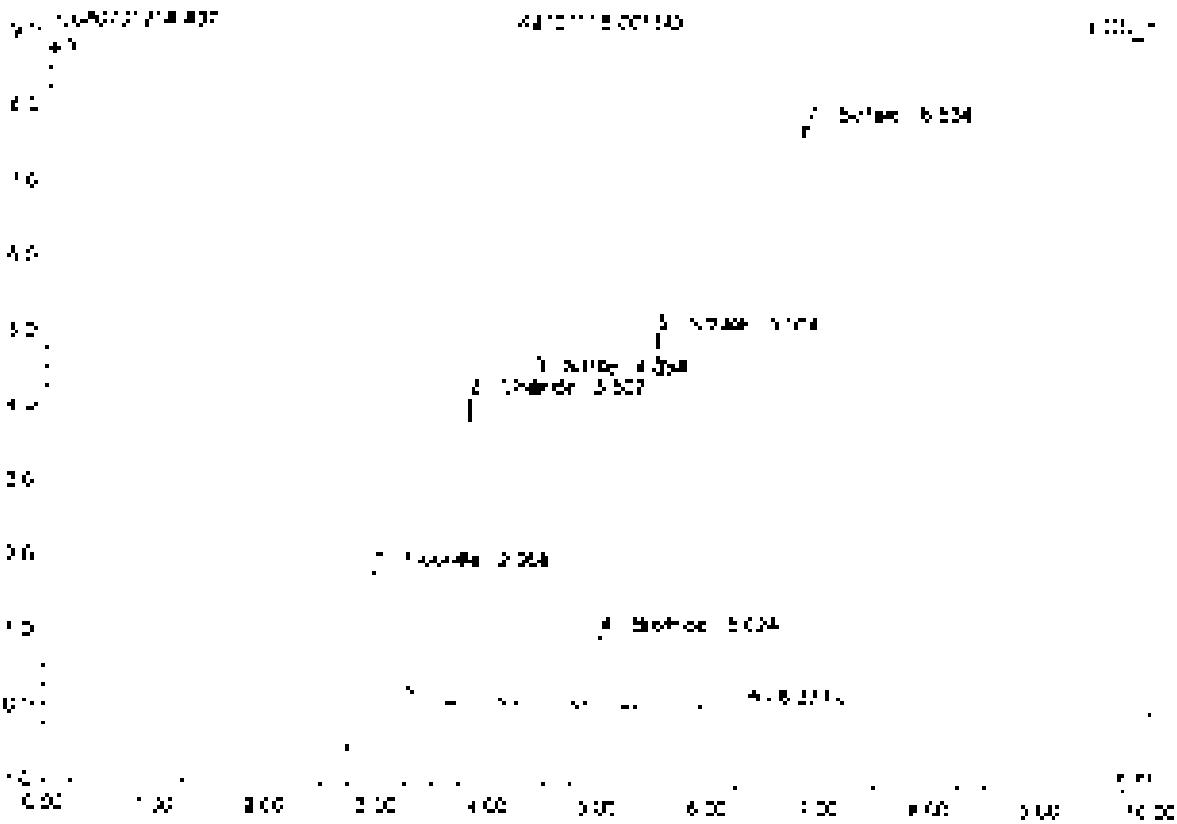
Sample Name	K2107118-001S	Injection Volume	2.0
Vial Number	21	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Method Program	epa300	Bandwidth	n.a.
Method Number	epa300	Dilution Factor	4.0000
Recording Time	7/2/2021 11:55	Sample Weight	1.0000
Run Time (min)	60.00	Sample Amount	1.0000



No	RelTime min	Peak Name	Height µS	Area µS*min	RelArea %	Amount	Type
1	2.96	Fluoride	2.726	0.610	13.96	9.711	BMB
2	3.81	Chloride	4.109	0.485	11.32	17.425	BVB
3	4.39	Nitrite	4.367	0.537	15.56	7.831	BVB
4	5.03	Bromide	0.950	0.140	3.20	7.677	BVB
5	5.52	Nitrate	4.932	0.828	18.94	7.868	BMB
6	6.17	n.a.	0.024	0.006	0.14	n.a.	BMB
7	6.84	Sulfate	7.863	1.565	35.81	51.757	BVB
Total:			24.490	4.369	100.00	96.510	

37 K2107118-001SD

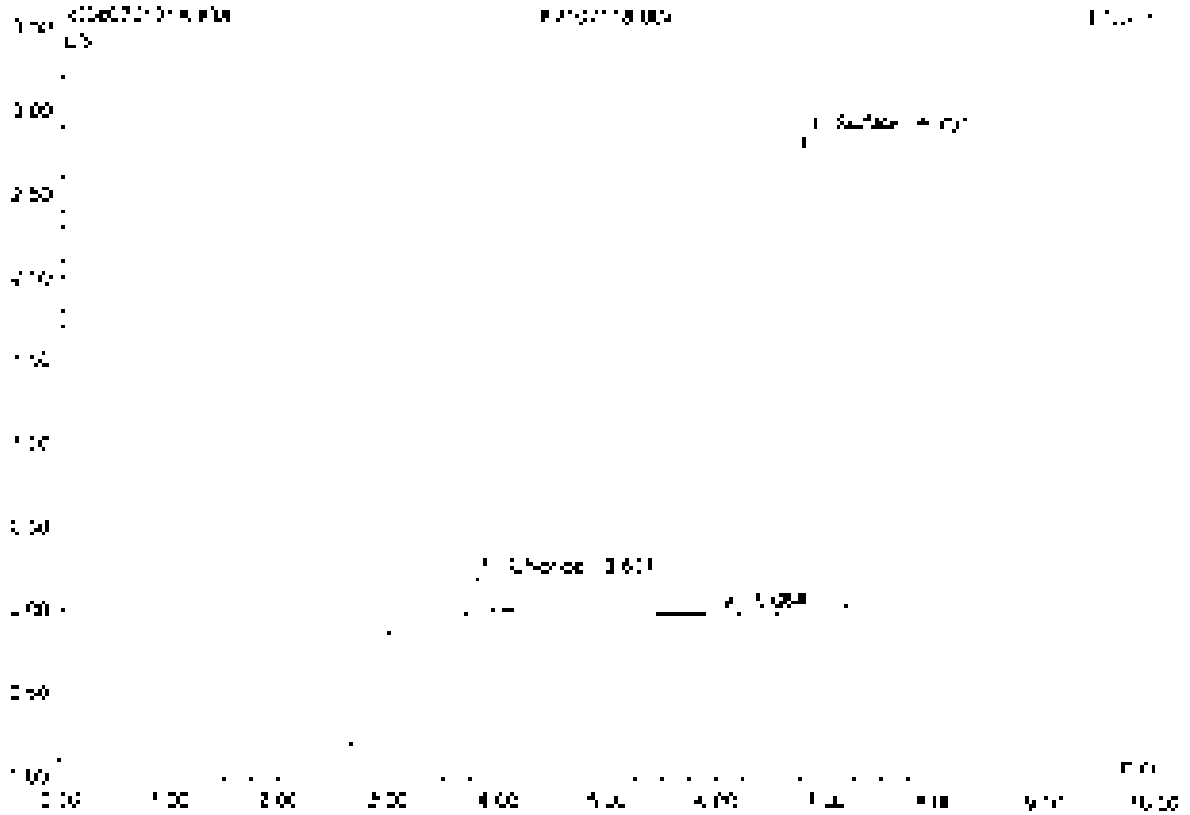
Sample Name	K2107118-001SD	Injection Volume	25 µ
Vial Number	22	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	4.0000
Processing Time	7/2/2021 12:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	2.248	0.612	14.07	9.755	BMB
2	3.81	Chloride	4.089	0.492	11.32	11.381	BMB
3	4.30	Nitrite	4.395	0.700	15.55	7.870	BMB
4	5.02	Bromide	0.554	0.140	3.22	7.690	BMB
5	5.51	Nitrate	4.980	0.830	19.12	7.913	BMB
6	6.34	[illegible]	0.922	0.085	2.10	n.a.	BMB
7	6.50	Sulfate	[illegible]	1.570	36.07	50.592	BMB
Total:			24.442	4.353	100.00	95.800	

38 K2107118-002

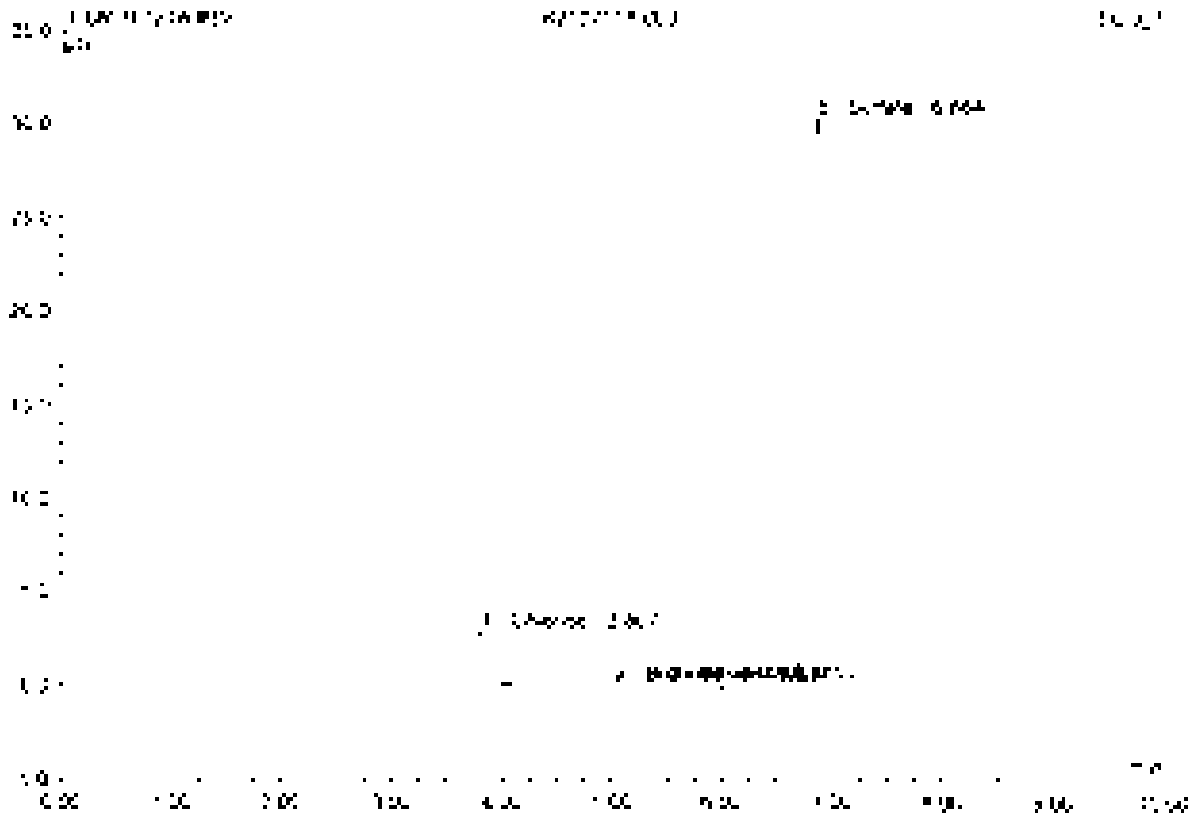
Sample Name	K2107118-002	Injection Volume	39.0
Vial Number	38	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	200.0000
Processing Time	7/2/2021 12:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.81	Chloride	0.222	0.029	4.89	33.704	BMB
2	6.06	n.a.	0.031	0.013	2.07	n.a.	BMB
3	6.79	Sulfate	2.860	0.505	93.05	986.825	BMB
Total:			3.112	0.550	100.00	1020.529	

39 K2107118-003

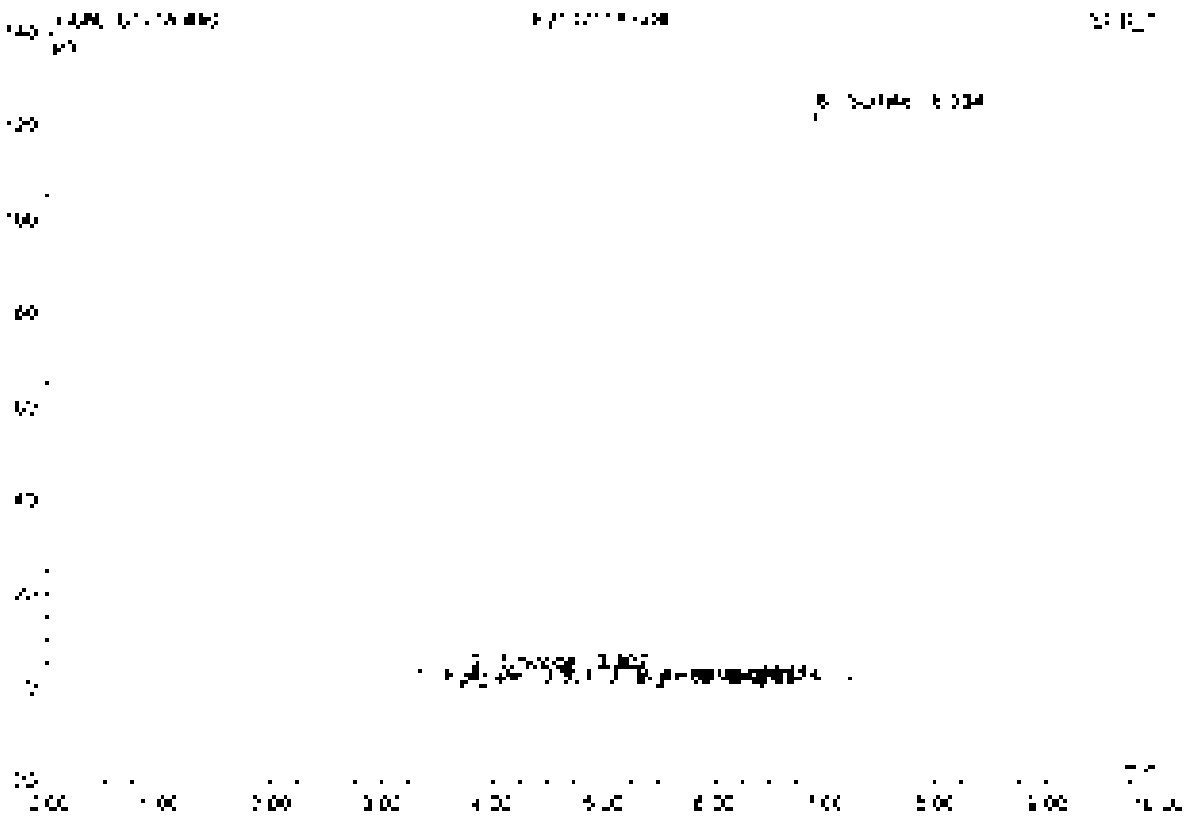
Sample Name	K2107118-003	Injection Volume	25.0
Vial Number	24	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/2/2021 12:30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.67	Chloride	2.508	0.330	5.57	4.039	BV9
2	5.02	Bromide	0.036	0.004	0.08	0.142	BMb
3	5.52	Nitrate	0.060	0.015	0.24	0.072	BMb
4	6.37	n.a.	0.033	0.005	0.15	n.a.	BMb
5	9.06	Sulfate	29.974	5.555	93.95	35.712	BMB
Total:			32.585	5.914	100.00	39.972	

40 K2107118-004

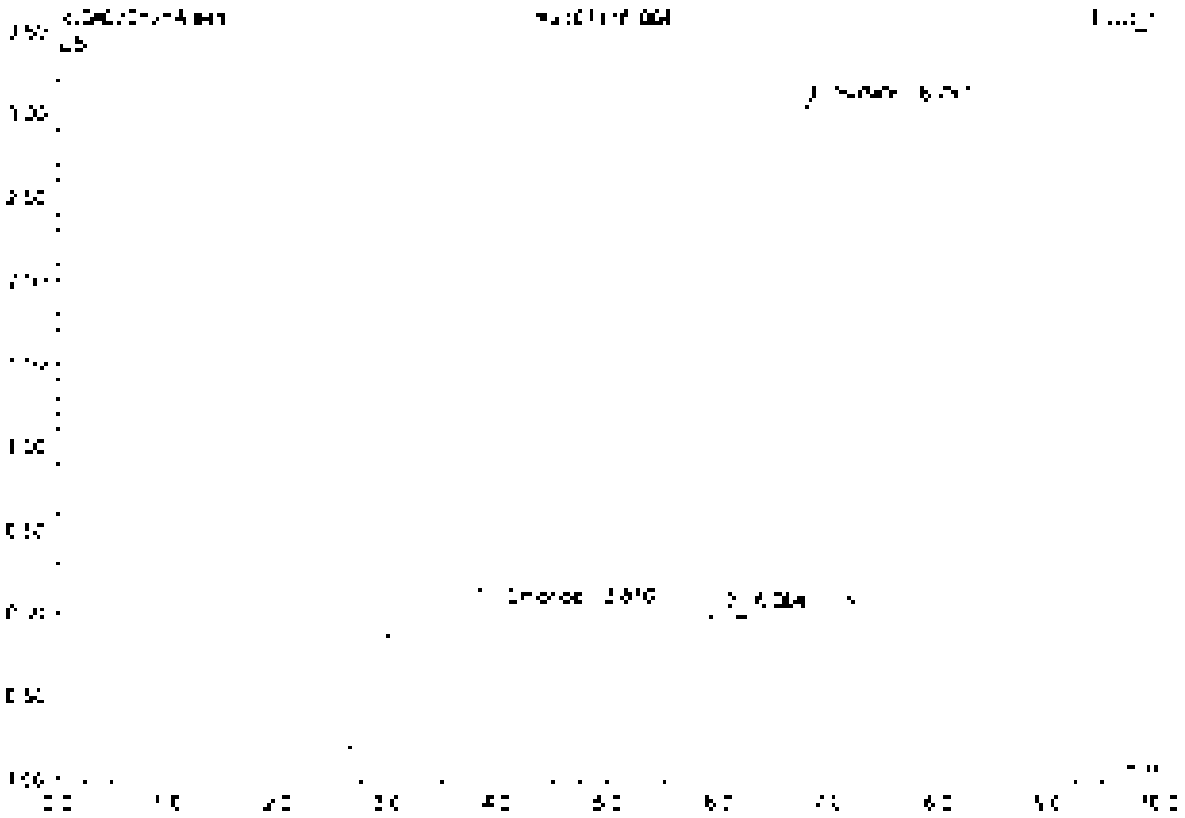
Sample Name	K2107118-004	Injection Volume	25.0
Vial Number	26	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/2/2021 12:42	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.30	Fluoride	0.279	0.209	0.55	n.a.	BMB
2	3.51	Chloride	0.837	0.345	0.91	3.985	BMB
3	5.02	Bromide	0.037	0.055	0.01	0.155	BV B
4	5.57	Nitrite	0.274	0.046	0.12	0.219	BV B
5	6.10	Nitrate	0.067	0.012	0.03	n.a.	BV B
6	6.93	Sulfate	121.467	37.367	98.36	642.361	BV B
Total:			124.959	37.999	100.00	646.421	

41 K2107118-004

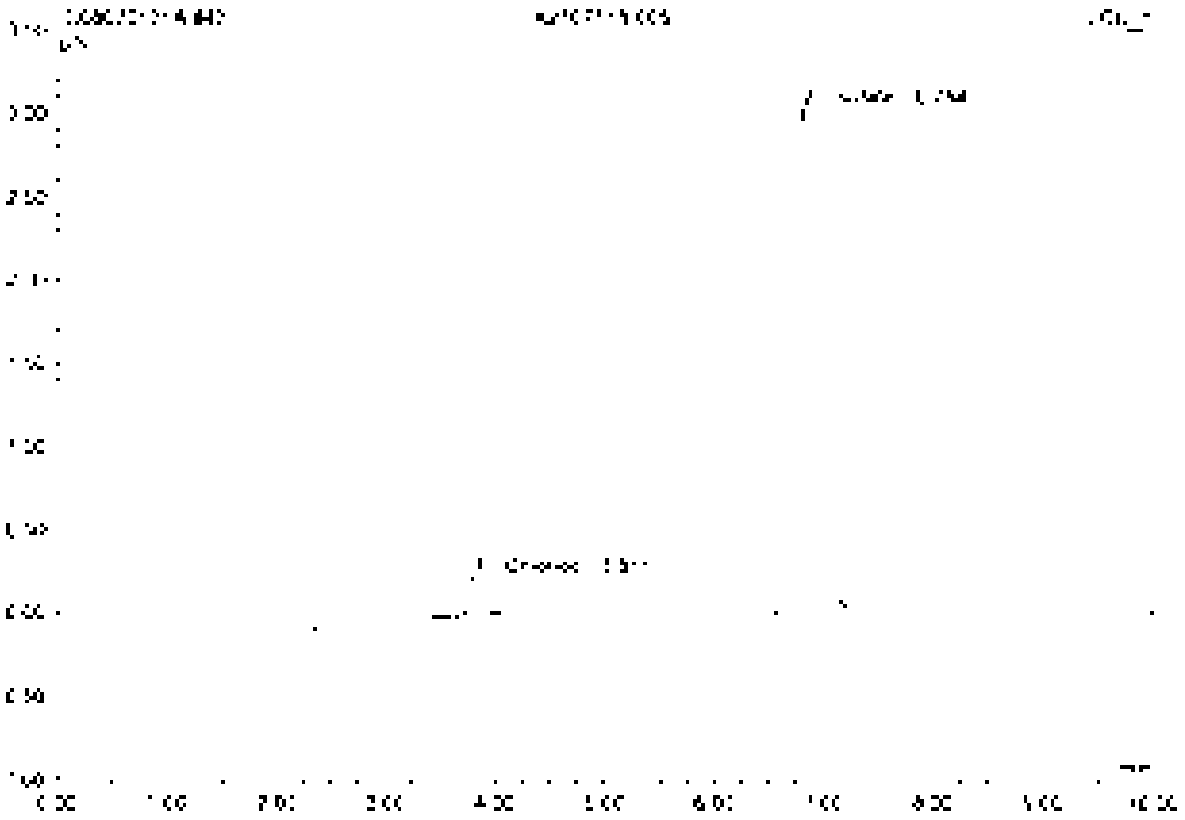
Sample Name	K2107118-004	Injection Volume	25.0
Vial Number	36	Column	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	100.0000
Processing Time	7/2/2021 12:51	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.91	Chloride	0.536	[illegible]	59.50	585.599	BMB
2	6.36	n.a.	0.026	0.037	0.42	n.a.	BVB
3	8.50	Sulfate	0.039	0.681	39.59	552.534	BVB
Total:			0.600	[illegible]	100.00	1138.233	

42 K2107118-005

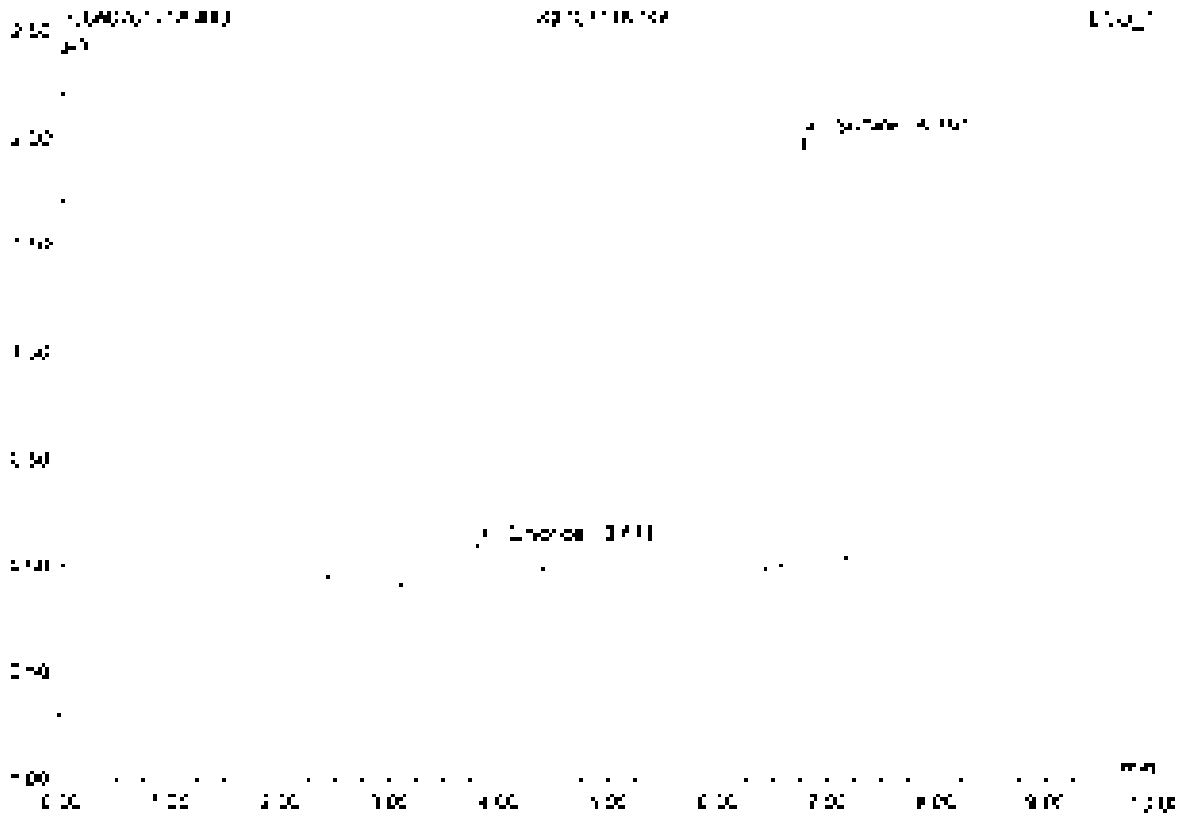
Sample Name	K2107118-005	Injection Volume	35.0
Vial Number	37	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	200.0000
Recording Time	7/2/2021 13:05	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.67	Chlorate	0.227	0.032	4.79	[illegible]	BV S
2	5.75	Sulfate	3.017	0.639	95.21	1038.911	BV S
Total:			3.244	0.671	100.00	1074.922	

43 K2107118-006

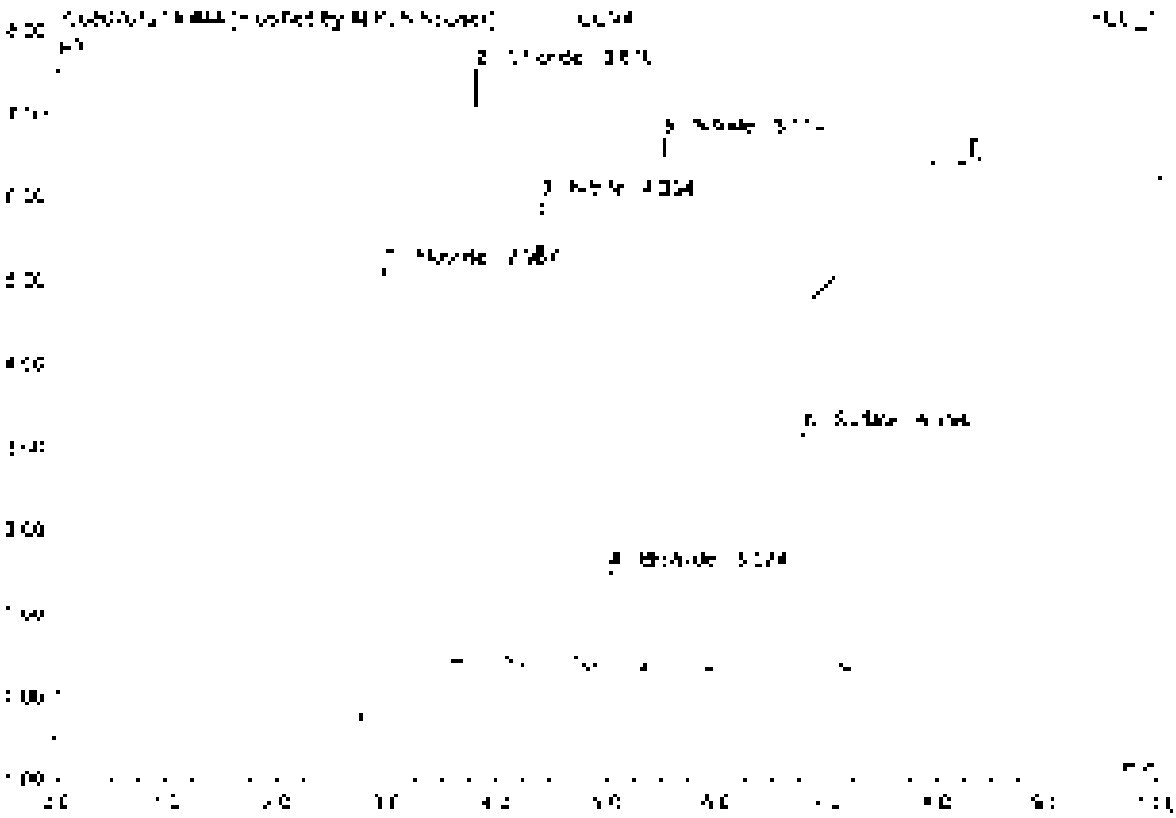
Sample Name	K2107118-006	Injection Volume	25.0
Vial Number	28	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	400.0000
Recording Time	7/2/2021 11:17	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.81	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	6.79	Sulfate	1.996	[illegible]	[illegible]	[illegible]	BMB
Total			[illegible]	[illegible]	100.00	[illegible]	

44 CCV4

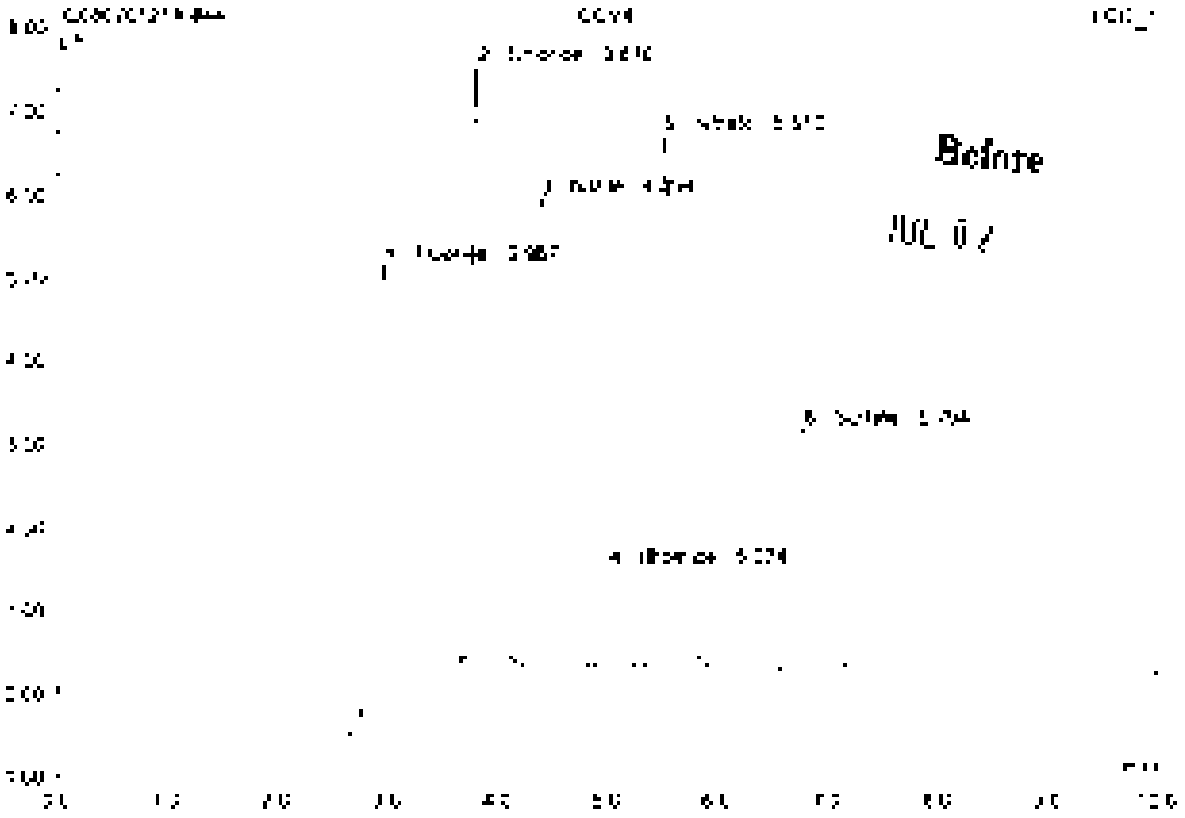
Sample Name	CCV4	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/2/2021 14:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.97	Fluoride	5.260	1.261	26.29	5.022	BMB*
2	3.81	Chloride	7.128	0.830	17.36	4.670	BMB*
3	4.20	Nitrite	5.626	0.896	18.55	2.501	BMB
4	5.02	Bromide	1.180	0.170	3.54	2.396	BMB
5	5.51	Nitrate	6.394	1.039	21.62	2.469	BMB
6	6.78	Sulfate	2.005	0.605	12.62	4.515	BMB
Total:			28.475	4.798	100.00	22.113	

44 CCV4

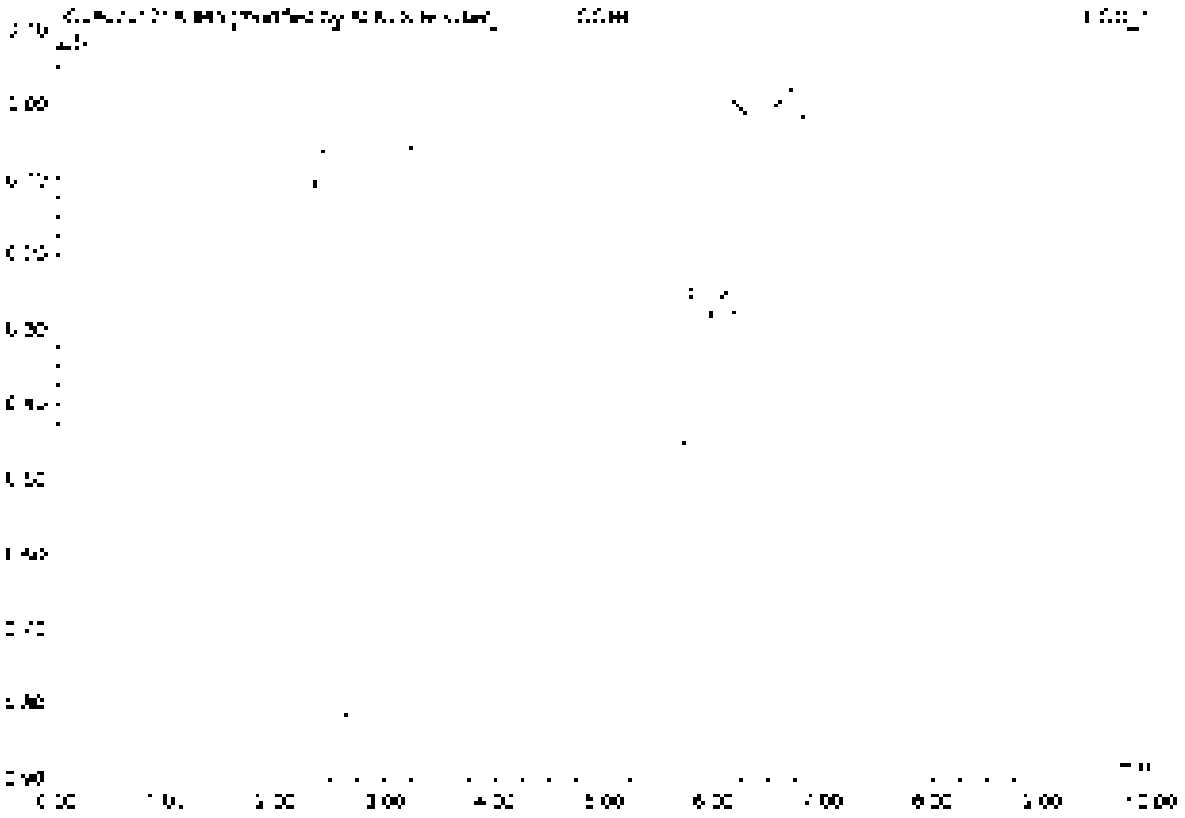
Sample Name	CCV4	Injection Volume	20.0
Vial Number	44	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Processing Time	7/2/2021 14:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.57	Fluoride	5.279	1.290	25.72	5.136	BMB
2	3.81	Chloride	7.725	0.813	16.25	4.810	BMB
3	4.38	Nitrite	5.626	0.890	18.44	2.501	BMB
4	5.02	Bromide	1.180	0.170	3.57	2.196	BMB
5	5.51	Nitrate	6.294	1.030	21.52	2.469	BMB
6	6.79	Sulfate	2.885	0.605	12.54	4.915	BMB
Total			28.490	4.827	100.00	22.227	

45 CCB4

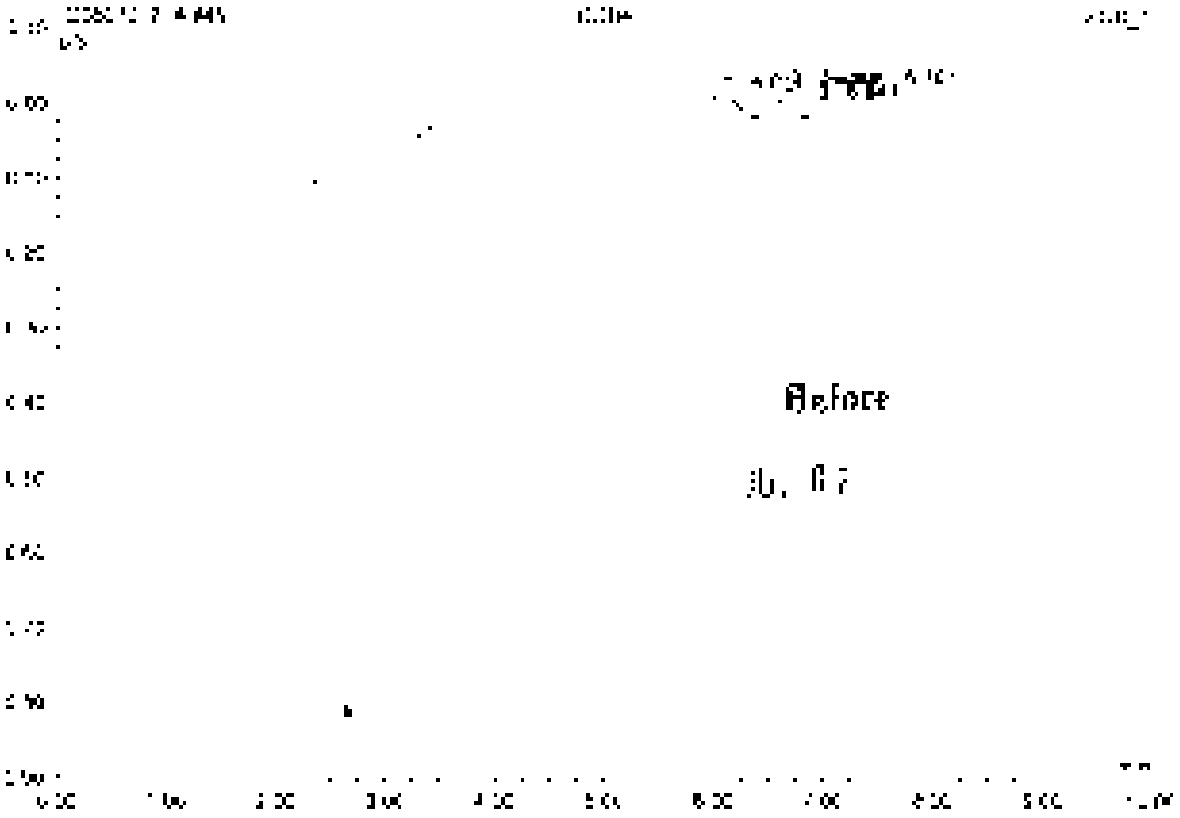
Sample Name	CCB4	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	7/2/2021 14:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

45 CCB4

Sample Name	CCB4	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spe300	Bandwidth	n.a.
Quantit. Method	spe400	Dilution Factor	1.0000
Recording Time	7/2/2021 14.19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	5.07	n.a.	0.044	1.374	98.85	n.a.	BMB
2	5.70	Sulfate	0.038	0.007	0.53	0.060	BMB
3	6.98	n.a.	0.015	0.005	0.62	n.a.	BMB
Total			0.102	1.391	100.00	0.060	

Yes No N/A

Instrument

1. Has instrument been set up and calibrated?
2. Are [illegible] within acceptable limits?
3. Were peaks manually integrated?
   a. Does DSQ QUANT agree?
4. Are selected ions correct?
5. Are calibration curves acceptable?
   a. Method Blank, CCV, CCB, LCS, Lab and Client Blank, Spike
      within proper frequency?
   b. Are CCV and CCB within acceptance limits?
   c. Are results for Method Blank and LCS
   d. Are all QC samples within acceptance limits?
      (LCS, Lab and Client Blank, Spike, Surrogate Recoveries)
   e. Are all analytes integrated?
6. Are all samples above reporting limit?

EPA Standard Identification Procedure and Acceptance Criteria for Ion Chromatograms

S1 Sample was analyzed past the end of recommended holding time. See holding time [illegible]
S2 Sample was analyzed past the end of recommended holding time. [illegible] performed with [illegible] recommended holding time
S3 Sample was received past the end of recommended holding time
R1 High RPD. Because the duplicate sample was [illegible] and the [illegible] reporting limit
I MRL is elevated because [illegible] interfering compounds [illegible]
I Sample [illegible] primary column analysis

CCS	ALS [illegible]	300	Expires [illegible]
Fluoride	True Value=5 ppm		[illegible]
Chloride	True Value=5 ppm		[illegible]
Nitrite	True Value=5 ppm		[illegible]
Bromide	True Value=2 ppm		[illegible]
Nitrate	True Value=5 ppm		[illegible]
Sulfate	True Value=5 ppm		[illegible]

CCV	ALS [illegible]	300	Expires [illegible]
Fluoride	True Value=1 ppm		[illegible]
Chloride	True Value=5 ppm		[illegible]
Nitrite	True Value=5 ppm		[illegible]
Bromide	True Value=2 ppm		[illegible]
Nitrate	True Value=5 ppm		[illegible]
Sulfate	True Value=5 ppm		[illegible]

Spike

200 ppm	ALS [illegible]	300	Expires [illegible]
Fluoride	[illegible]		
Chloride	[illegible]		
Nitrite	[illegible]		
Bromide	[illegible]		
Nitrate	[illegible]		
Sulfate	[illegible]		

Hypochlorite

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	

Analyst Initials Date [illegible]

2nd Reviewer Initials Date [illegible]

Final Reviewer Date [illegible]

Laboratory Director

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Testcode: [illegible]

Lab Code	Parent Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Set	Final Result	DL	MDL	PQL	% Rec	% RSD	Date Analyzed	QLT	Rep
[illegible]	[illegible]	N/A		Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	N/A		Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	N/A		Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	N/A		Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	N/A		Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
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[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	II
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[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
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[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
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[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
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[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
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[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	N/A		Ground Water	[illegible]	N/A	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Reference: [illegible]

Lab Code	Target Analyte	DL	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DF	MDL	PQL	Spike	Spike%	Date Analyzed	QC?	Inc
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	I
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]						[illegible]	N	I
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	II

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Transcode: [illegible]

Lab Code	Target Analyte	QC	Extract Number	Matrix	Raw Result	Sample Amt	Final Result	DF	MDL	PQL	% Rec	% RSD	Date Analyzed	QC Flag	Lab
[illegible]	[illegible]	MB		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	MB		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	MB		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	MB		Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	MS	[illegible]	Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	MS	[illegible]	Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	MS	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]

[illegible]

[illegible] Analysis Summary [illegible]

Operator

Time

Database

Location

Temperature CDA

Standard

Created

Last Updated

No.	Name	Type	Proc.	Prog.	Method	Status	Date/Time
1	STD1V11	Standard	1	epa300	epa300	Finished	
2	STD2V12	Standard	2	epa300	epa300	Finished	
3	STD3V13	Standard	3	epa300	epa300	Finished	
4	STD4V14	Standard	4	epa300	epa300	Finished	
5	STD5V15	Standard	5	epa300	epa300	Finished	
6	STD6V16	Standard	6	epa300	epa300	Finished	
7	STD7V17	Standard	7	epa300	epa300	Finished	
8	STD8V18	Standard	8	epa300	epa300	Finished	
9	CCV1	Unknown	41	epa300	epa300	Finished	
10	CCB1	Unknown	41	epa300	epa300	Finished	
11	CCV2	Unknown	2	epa300	epa300	Finished	
12	MB1	Unknown	1	epa300	epa300	Finished	
13	KS1075111 001	Unknown	2	epa300	epa300	Finished	
14	KS1075111 001D	Unknown	4	epa300	epa300	Finished	
15	KS1075111 001S	Unknown	5	epa300	epa300	Finished	
16	KS1075111 001SD	Unknown	6	epa300	epa300	Finished	
17	KS1075111 002	Unknown	7	epa300	epa300	Finished	
18	KS1075111 003	Unknown	8	epa300	epa300	Finished	
19	KS1075111 004	Unknown	9	epa300	epa300	Finished	
20	KS1075111 005	Unknown	10	epa300	epa300	Finished	
21	CCV3	Unknown	41	epa300	epa300	Finished	
22	CCB2	Unknown	42	epa300	epa300	Finished	
23	KS1075111 006	Unknown	11	epa300	epa300	Finished	
24	KS1075111 006L	Unknown	12	epa300	epa300	Finished	
25	KS1075111 006D	Unknown	13	epa300	epa300	Finished	
26	KS1075111 006S	Unknown	14	epa300	epa300	Finished	
27	KS1075111 006SD	Unknown	15	epa300	epa300	Finished	
28	KS1075111 007	Unknown	16	epa300	epa300	Finished	
29	KS1075111 007L	Unknown	17	epa300	epa300	Finished	
30	KS1075111 007D	Unknown	18	epa300	epa300	Finished	
31	KS1075111 008	Unknown	19	epa300	epa300	Finished	
32	KS1075111 008S	Unknown	20	epa300	epa300	Finished	
33	CCV4	Unknown	46	epa300	epa300	Finished	
34	CCB3	Unknown	47	epa300	epa300	Finished	

Tray
Data source [illegible]
Location [illegible]
Timebase [illegible]
Samples 34

Created [illegible]
Last Update [illegible]

No.	Name	Q	Value	Comment
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6	[illegible]		[illegible]	
7	[illegible]		[illegible]	
8	[illegible]		[illegible]	
9	[illegible]		[illegible]	
10	[illegible]		[illegible]	
11	[illegible]		[illegible]	
12	[illegible]		[illegible]	
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25	[illegible]		[illegible]	
26	[illegible]		[illegible]	
27	[illegible]		[illegible]	
28	[illegible]		[illegible]	
29	[illegible]		[illegible]	
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34	[illegible]		[illegible]	

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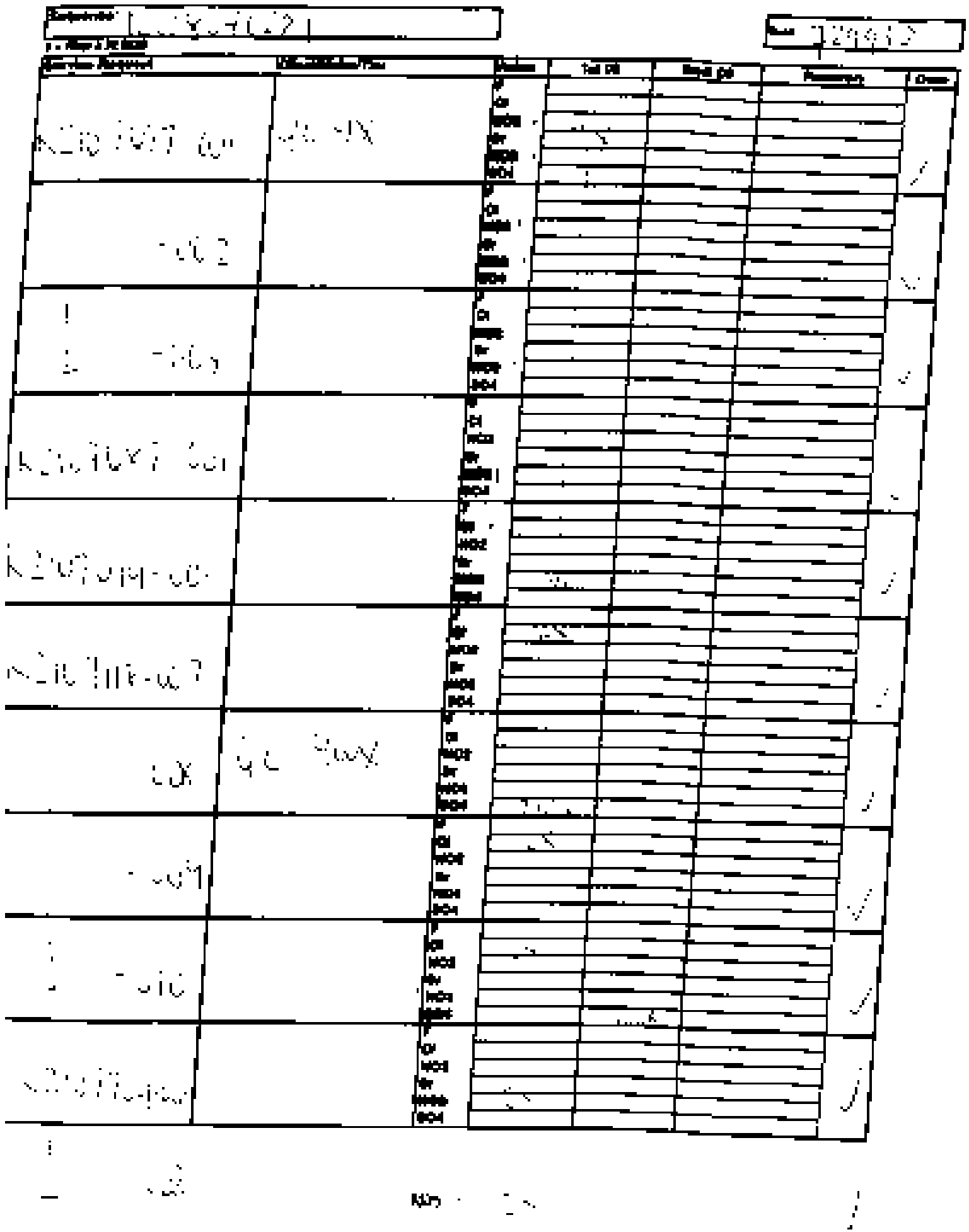


[illegible]

[illegible] ENVIRONMENTAL INC.

Ion Chromatography Calibration Data

Sequence: [illegible]

Date: [illegible]

Analyte	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Corr Coeff	Slope	Residuals
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9972	0.2511	
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9302	0.1731	
NO2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9674	0.3559	
Br	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.99	0.0709	
NO3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9291	0.4207	
SO4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9937	0.1232	
									99.9679	0.1744	

[illegible]

No.	Peak Name	Cal Type	# Points	Rel Std.Dev. %	Corr Coeff %	Offset	Slope	Curve
1	Fluoride	Lin	8	0.6159	99.9972	0	0.2511	0
2	Chloride	Lin	8	1.1485	99.9302	0	0.1731	0
3	Nitrite	Lin	8	2.1363	99.9674	0	0.3559	0
4	Bromide	Lin	8	1.5723	99.99	0	0.0709	0
5	Nitrate	Lin	8	3.1594	99.9291	0	0.4207	0
6	Sulfate	Lin	6	0.9233	99.9937	0	0.1232	0
Average:			6	1.8575	99.9679	0	0.1744	0

[illegible]

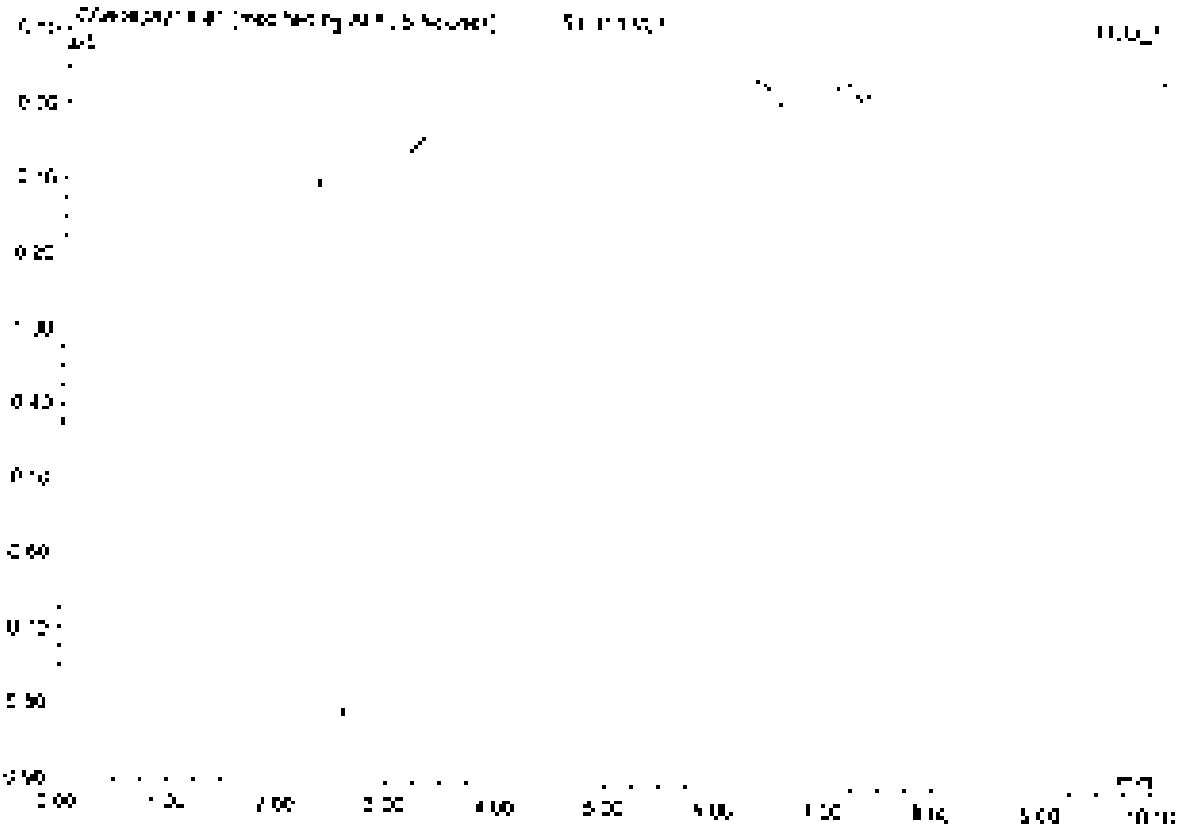
	STD2	STD3	STD4	STD5	STD6	STD7	STD8	STD9
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Br	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SO4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

1 STD1/LVL1

DI

Sample Name	STD1/LVL1	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 13:04	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

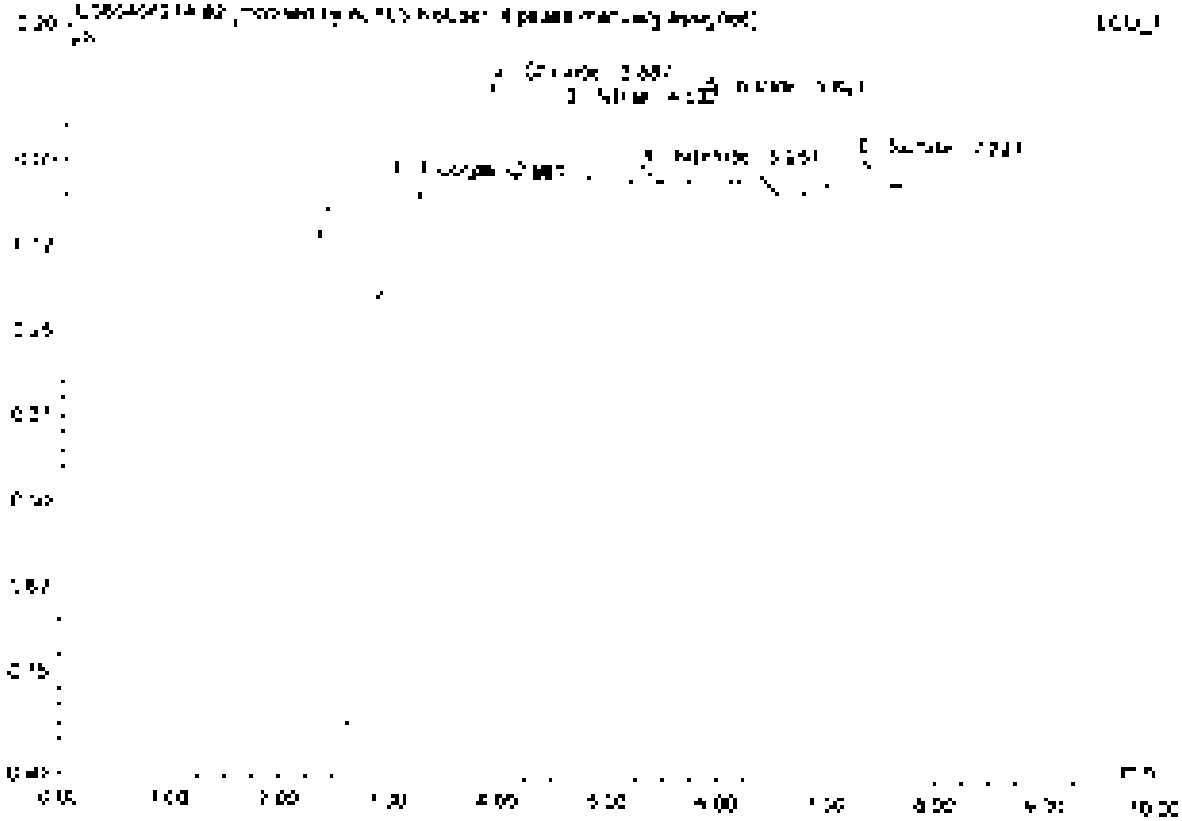


No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

2 STD2/LVL2

21-GEN-02-17A

Sample Name	STD2/LVL2	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 14:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

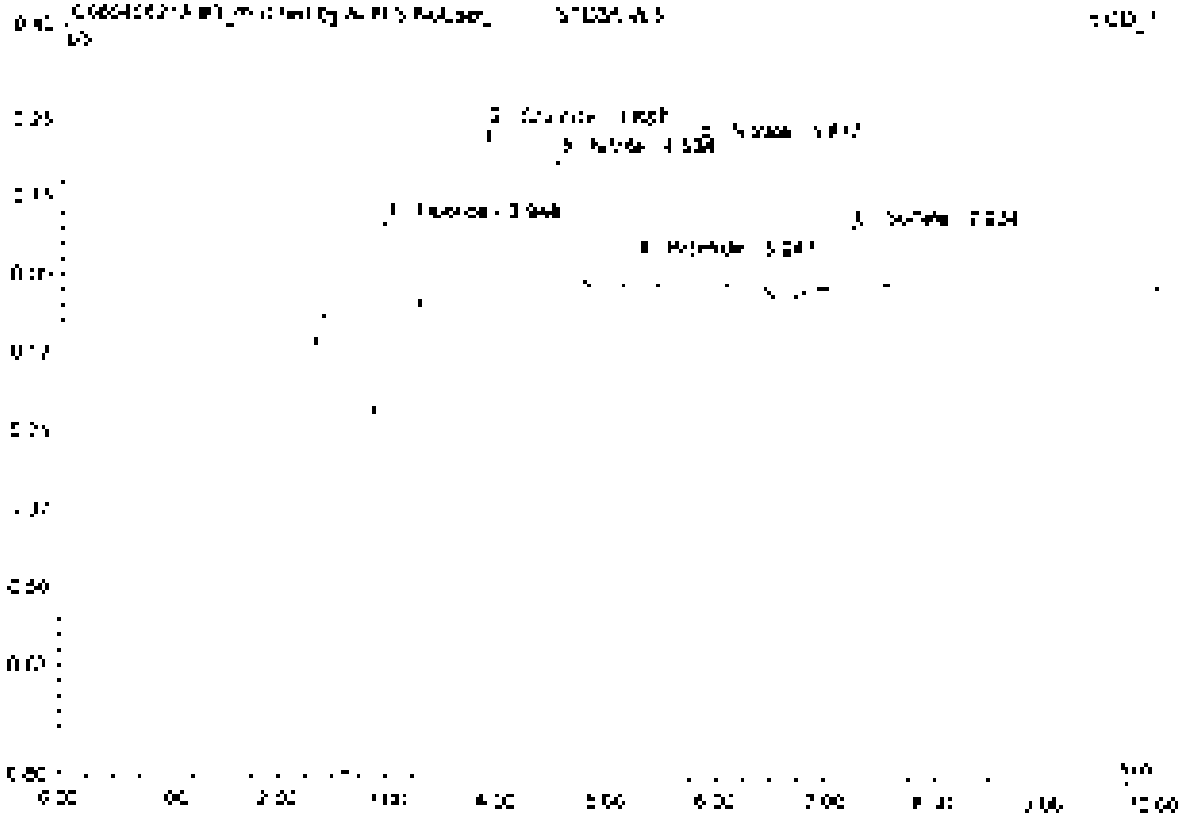


No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	[illegible]	[illegible]	27.45	[illegible]	BV[illegible]
2	3.89	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB[illegible]
3	4.54	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]	BMB[illegible]
4	5.25	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	BMB[illegible]
5	5.82	Nitrate	[illegible]	[illegible]	21.27	[illegible]	BMB[illegible]
6	7.22	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BV[illegible]
Total:			[illegible]	[illegible]	100.00	[illegible]	

3 STD3/LVL3

21-GEN-02-17B

Sample Name	STD3/LVL3	Injection Volume	25.0
Vial Number	3	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quant Method	spa300	Dilution Factor	1.0000
Recording Time	4/8/2021 13:27	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

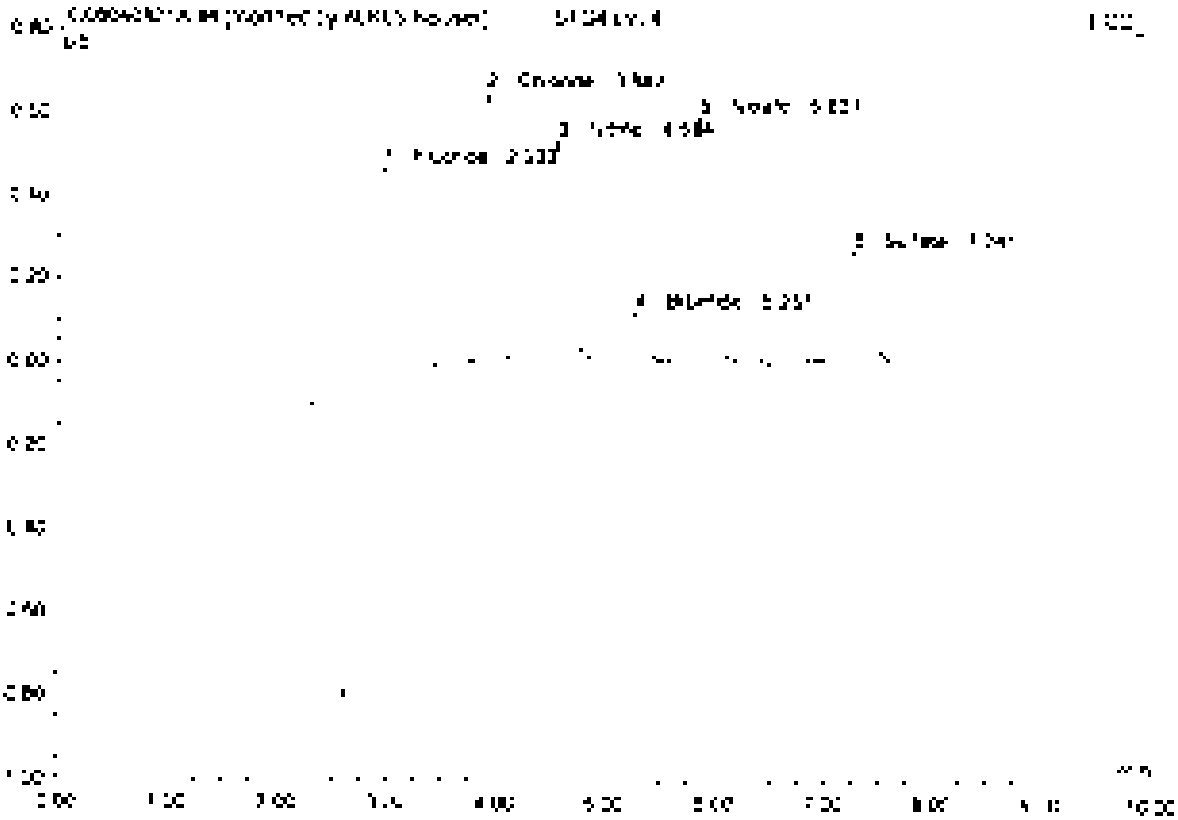


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	0.271	0.052	28.05	0.205	BMB*
2	3.89	Chloride	0.259	0.031	17.10	0.182	BMB*
3	4.53	Nitrite	0.234	0.031	16.98	0.089	BV B*
4	5.25	Bromide	0.044	0.007	3.57	0.063	BMB
5	5.82	Nitrate	0.231	0.038	20.66	0.360	BMB*
6	7.23	Sulfate	0.066	0.035	11.64	0.203	BMB*
Total:			1.107	0.184	100.00	0.862	

4 STD4/LVL4

21-GEN-02-17C

Sample Name	STD4/LVL4	Injection Volume	25.0
Vial Number	4	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Method Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 13:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

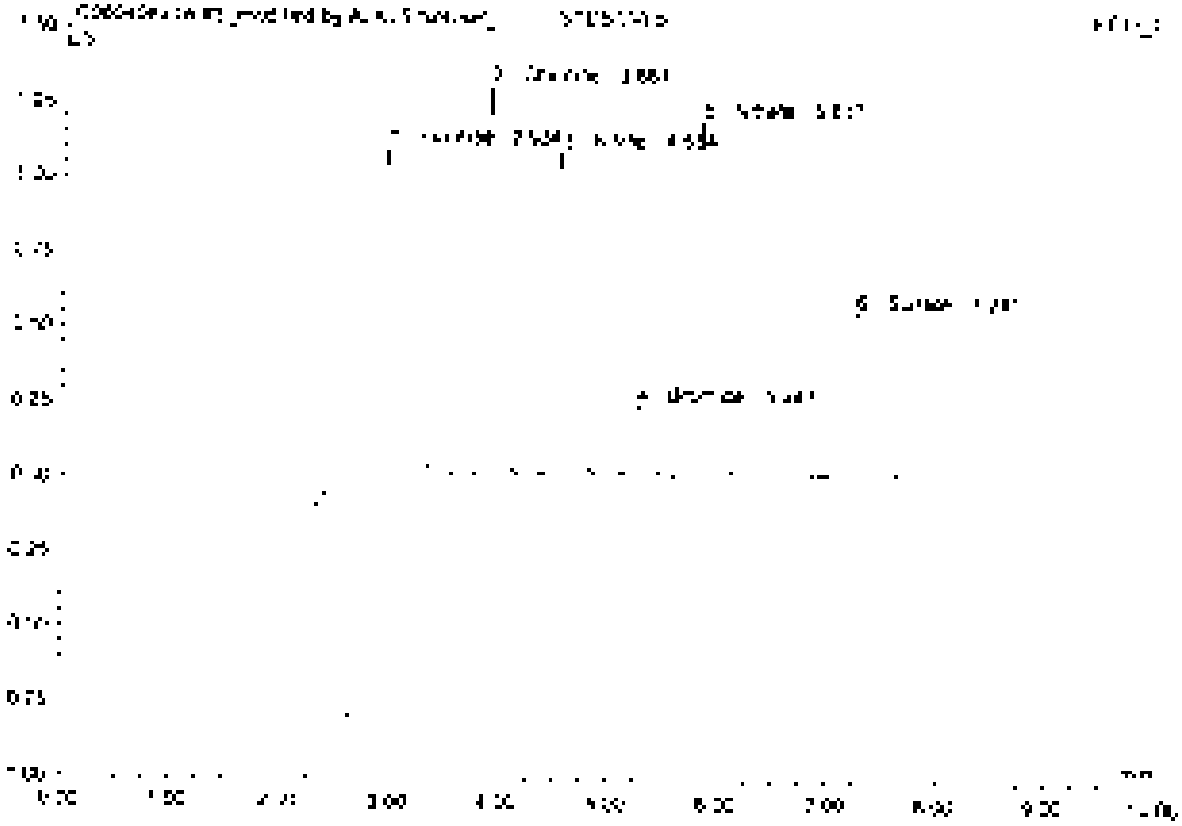


No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	0.644	0.123	27.46	0.507	BMB*
2	3.85	Chloride	0.648	0.079	16.94	0.454	BMB*
3	4.53	Nitrite	0.526	0.083	17.82	0.233	BMB*
4	5.25	Bromide	0.115	0.017	3.75	0.246	BMB
5	5.82	Nitrate	0.585	0.097	20.84	0.230	BMB*
6	7.24	Sulfate	0.204	0.061	13.19	0.497	BMB
Total:			2.704	0.464	100.00	2.167	

5 STD5/LVL5

21-GEN-02-170

Sample Name	STD5/LVL5	Injection Volume	25.0
Vial Number	5	Channel	IC01 [illegible]
Sample Type	standard	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	4/8/2021 13:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

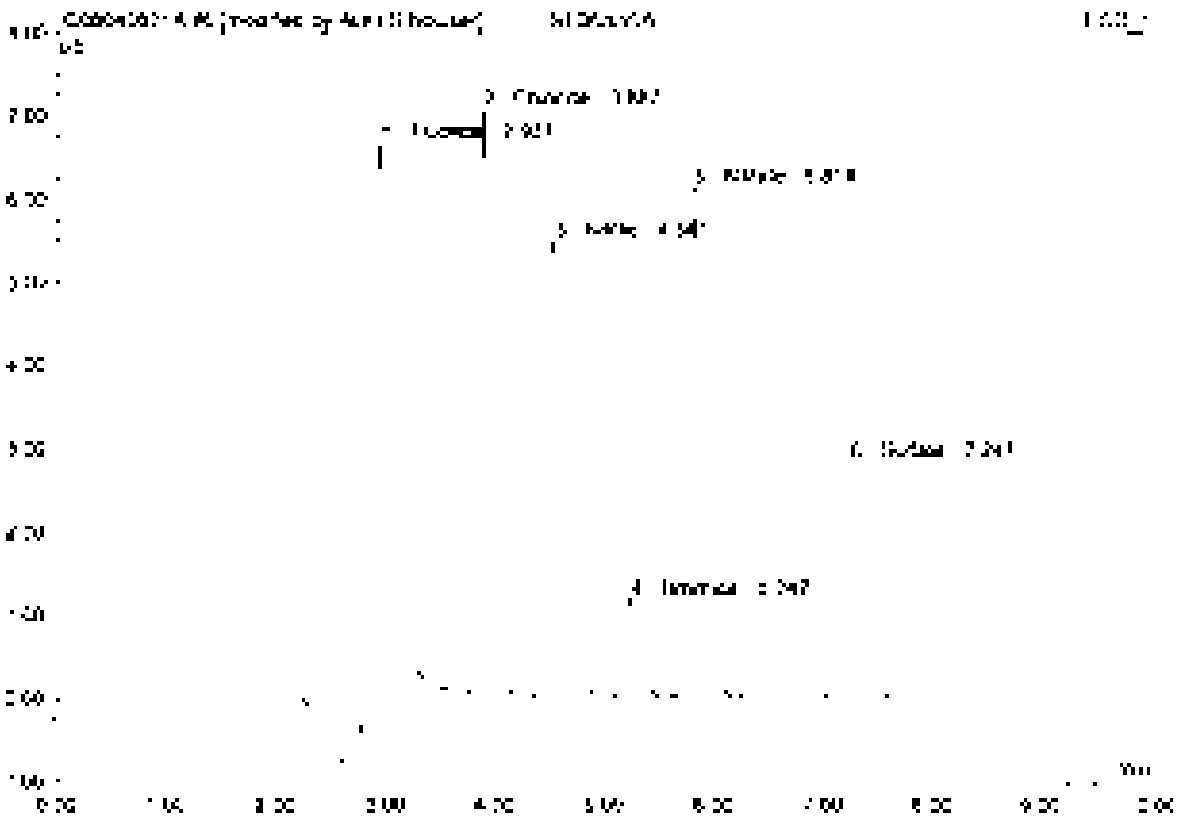


No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	3.83	Chloride	[illegible]	[illegible]	16.86	[illegible]	[illegible]
3	4.53	Nitrite	[illegible]	[illegible]	17.89	[illegible]	[illegible]
4	5.25	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	5.80	Nitrate	[illegible]	[illegible]	20.98	[illegible]	[illegible]
6	7.24	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

6 STD6/LVL6

21-GEN-02-17E

Sample Name	STD6/LVL6	Injection Volume	20.0
Vial Number	6	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 14:02	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

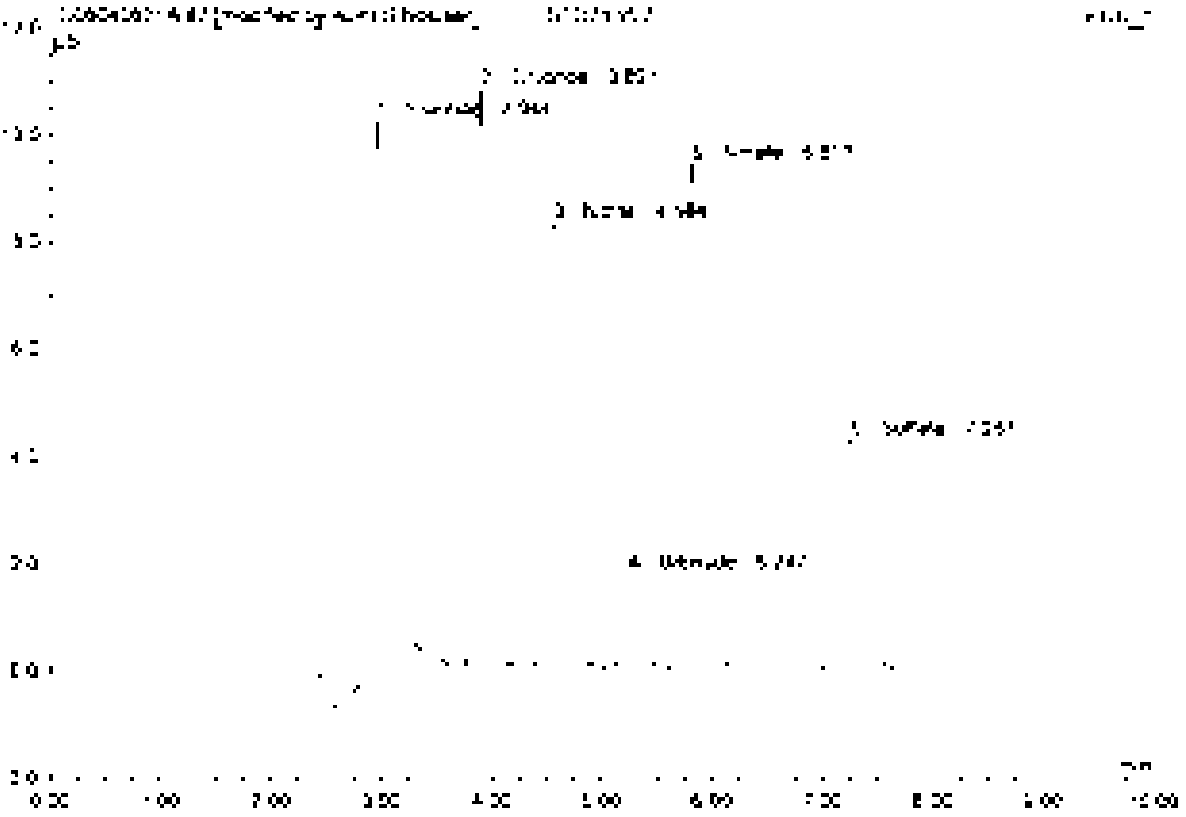


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	6.988	1.262	25.41	5.027	BMB*
2	3.85	Chloride	7.028	0.841	17.60	4.855	BMB*
3	4.54	Nitrite	5.482	0.671	18.23	2.449	BMB*
4	5.25	Bromide	1.167	0.176	3.67	2.476	BMB
5	5.81	Nitrate	6.130	1.015	21.23	2.412	BMB*
6	7.25	Sulfate	2.832	0.614	12.85	4.984	BMB*
Total:			25.626	4.779	100.00	22.207	

7 STD7/LVL7

21-GEN-02-17F

Sample Name	STD7/LVL7	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 14:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

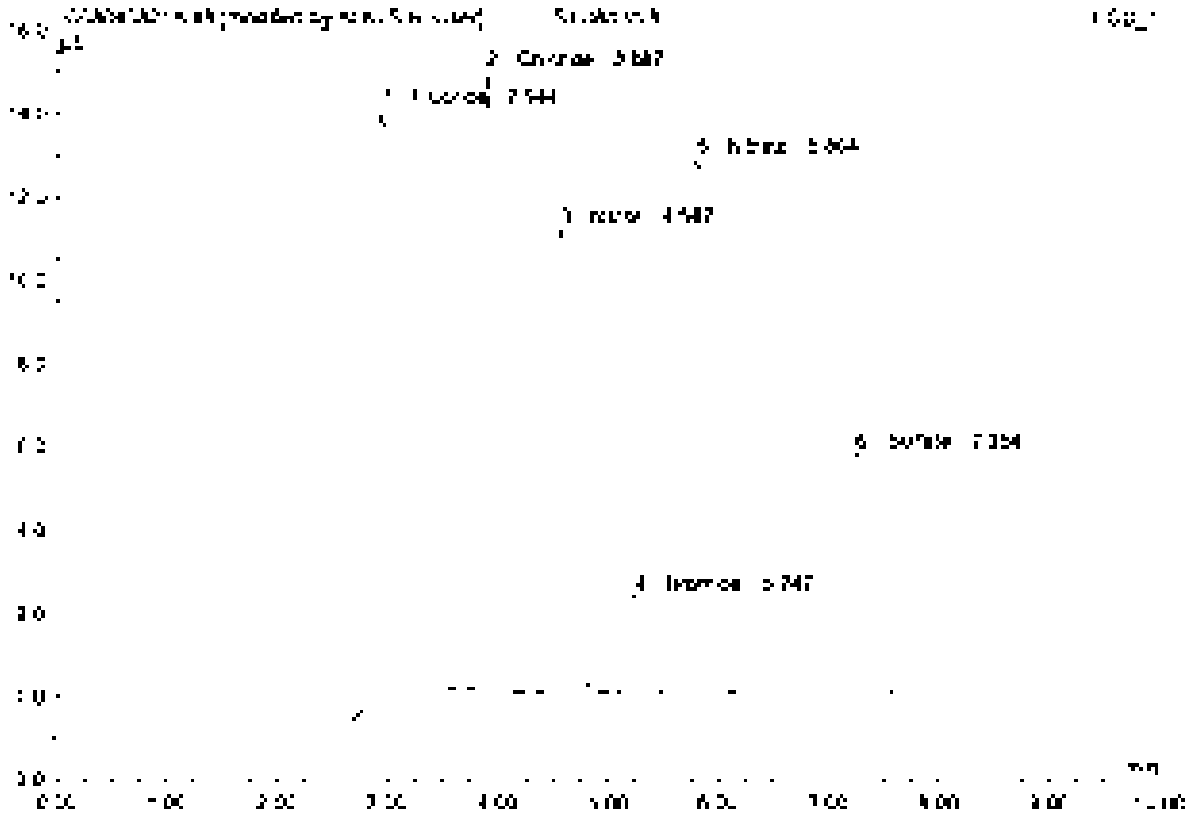


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Propoxur	10.568	1.874	25.97	7.452	BMB*
2	3.89	Chlorfenvinphos	10.772	1.279	17.73	7.390	BMB*
3	4.54	Mirex	9.302	1.323	18.33	3.717	BMB*
4	5.25	Bromacil	1.458	0.264	3.66	3.724	BVB
5	5.81	Metribuzin	9.416	1.560	21.61	3.708	BMB*
6	7.25	Sulfallate	4.281	0.917	12.70	7.443	BVB
Total:			45.059	7.217	100.00	33.445	

8 STD8/LVL8

21-GEN-02-17G

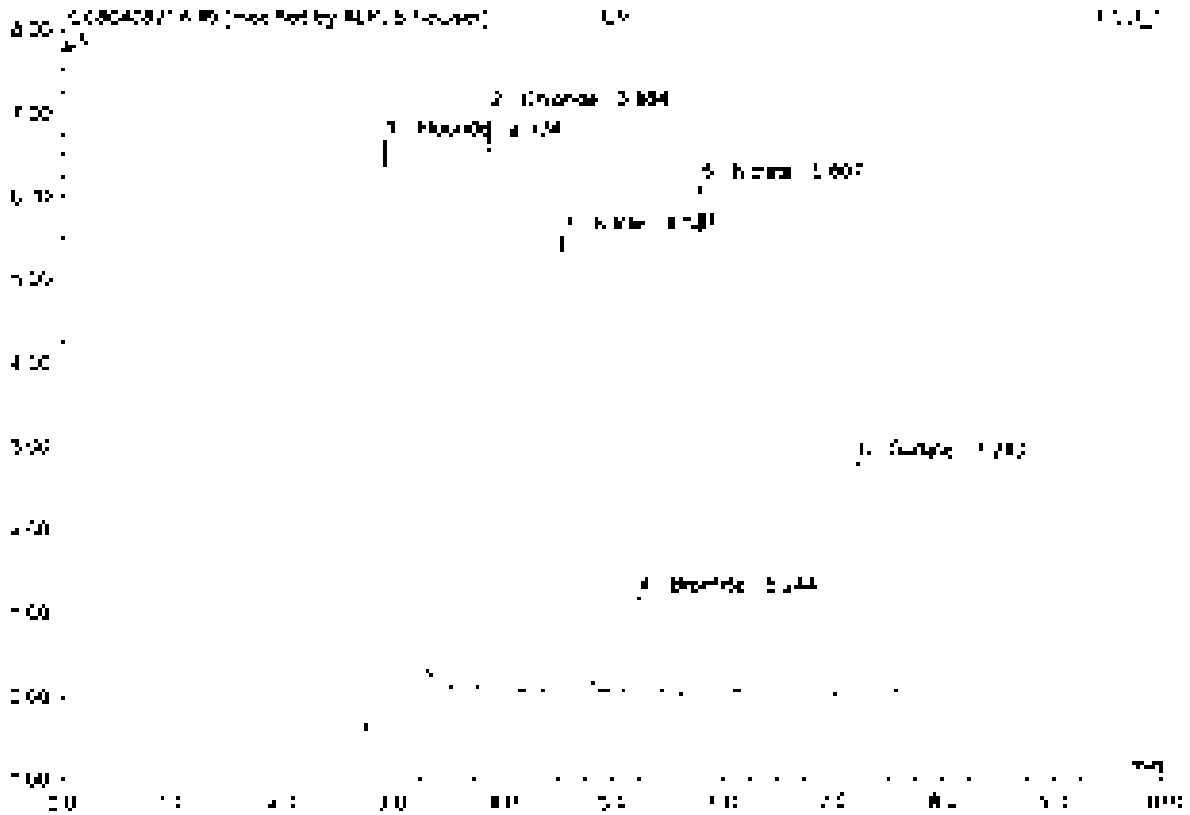
Sample Name	STD8/LVL8	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	[illegible] 14:23	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	RetTime min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	14.402	2.518	25.64	[illegible]	BMB*
2	3.69	Chloride	14.513	1.760	[illegible]	[illegible]	BMB*
3	4.55	Nitrite	11.205	1.799	18.34	[illegible]	BMB*
4	5.25	Bromide	2.375	0.357	3.64	[illegible]	BMB
5	5.80	Nitrate	12.859	2.137	21.80	[illegible]	BMB*
6	7.25	Sulfate	[illegible]	1.208	[illegible]	[illegible]	BMB
Total:			61.613	9.805	100.00	45.355	

9 ICV

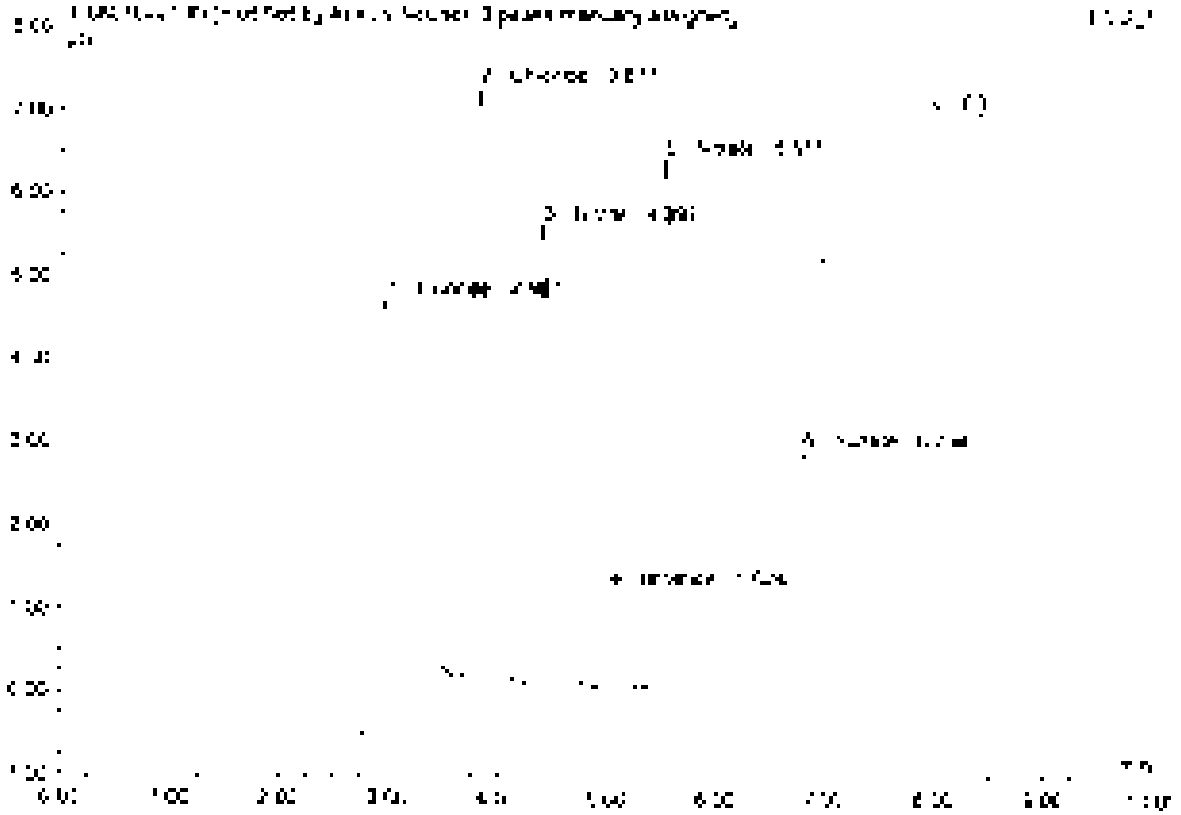
Sample Name	ICV	Injection Volume	25.0
Vial Number	9	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a
Control Program	epa300	Bandwidth	n.a
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 14:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.93	Fluoride	0.973	1.257	26.45	5.005	BV8*
2	3.68	Chloride	6.951	0.834	17.55	4.815	BV8
3	4.54	Nitrite	5.406	0.569	11.98	2.442	BV8
4	5.24	Bromide	1.160	0.175	3.68	2.451	BV8
5	5.81	Nitrate	5.124	1.013	21.33	2.439	BV8
6	7.24	Sulfate	2.792	0.602	12.68	4.995	BV8
Total:			23.500	4.750	100.00	22.026	

9 CCV1

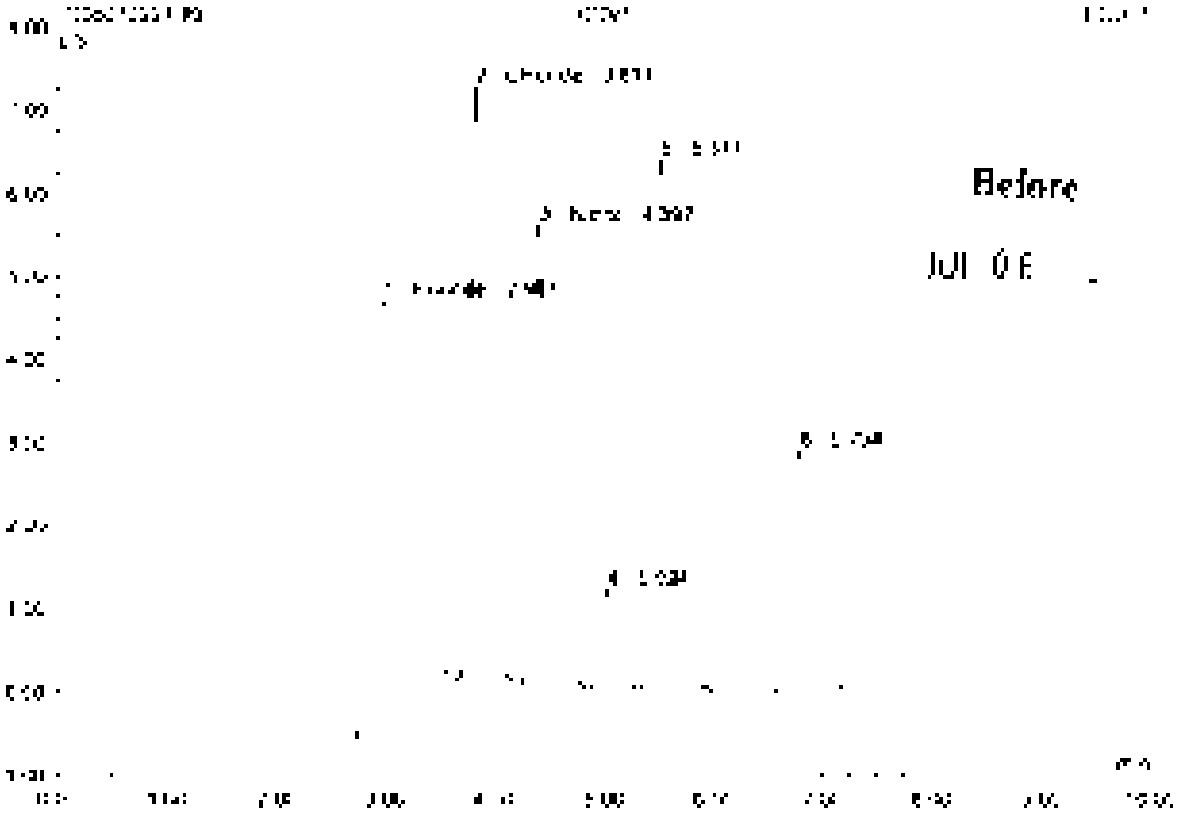
Sample Name	CCV1	Injection Volume	25.0
Vial Number	46	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/2/2021 14:59	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.97	Fluoride	5.065	1.201	25.42	4.781	BMB*
2	3.21	Chloride	[illegible]	0.837	17.71	4.832	BMB*
3	4.40	Nitrite	5.608	0.879	18.61	2.450	BMB
4	5.02	Bromide	[illegible]	[illegible]	[illegible]	2.404	BMB*
5	5.51	Nitrate	6.355	1.035	21.91	2.450	BMB*
6	6.79	Sulfate	2.870	0.602	12.74	4.883	BMB*
Total:			28.137	4.723	100.00	21.800	

9 CCV1

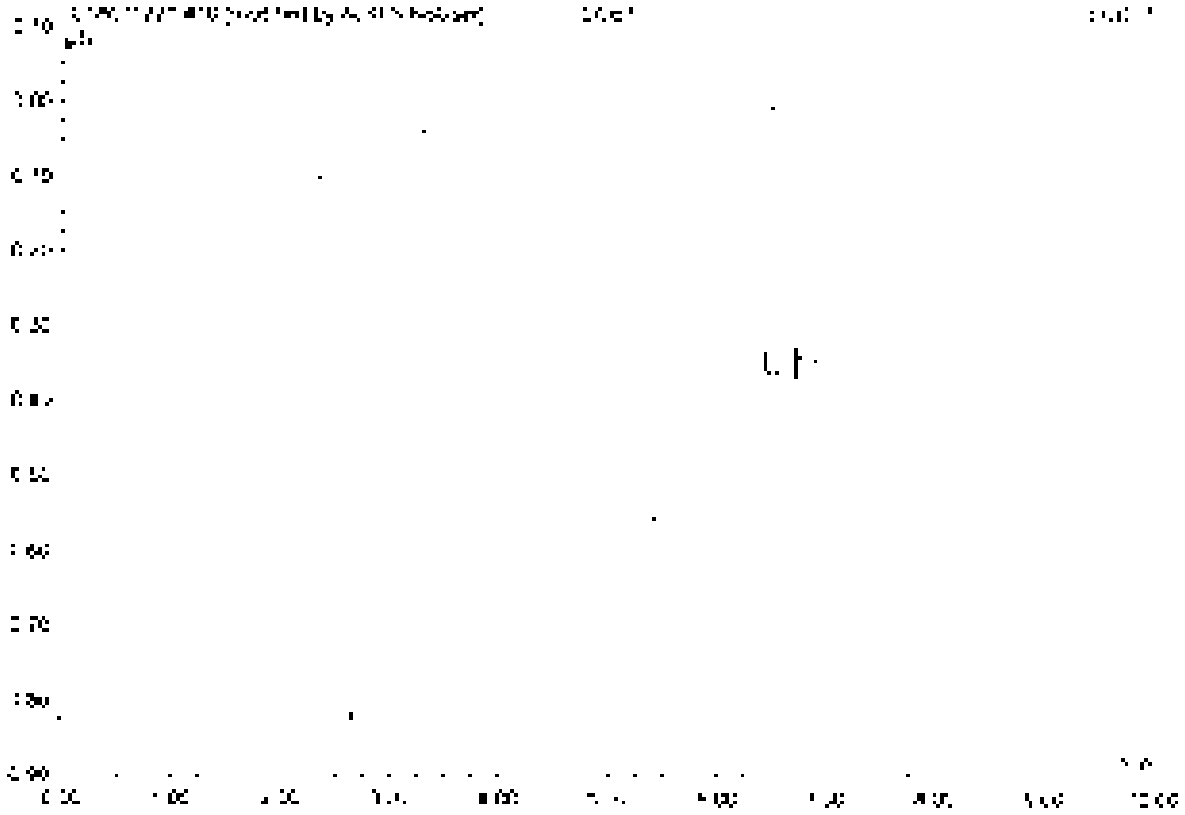
Sample Name	CCV1	Injection Volume	25.0
Vial Number	46	Column	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/2/2021 14:59	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.97	Fluoride	5.103	1.262	25.32	5.027	BVc
2	3.51	Chloride	7.115	0.817	17.48	4.832	bMB
3	4.40	Nitrite	5.538	0.579	18.37	2.469	bMB
4	5.02	n.a.	1.180	0.177	3.56	n.a.	bMB
5	5.51	n.a.	6.365	1.035	21.03	n.a.	BMB
6	6.79	n.a.	7.875	0.602	12.57	n.a.	BMB
Total			32.171	4.785	100.00	12.328	

10 CCB1

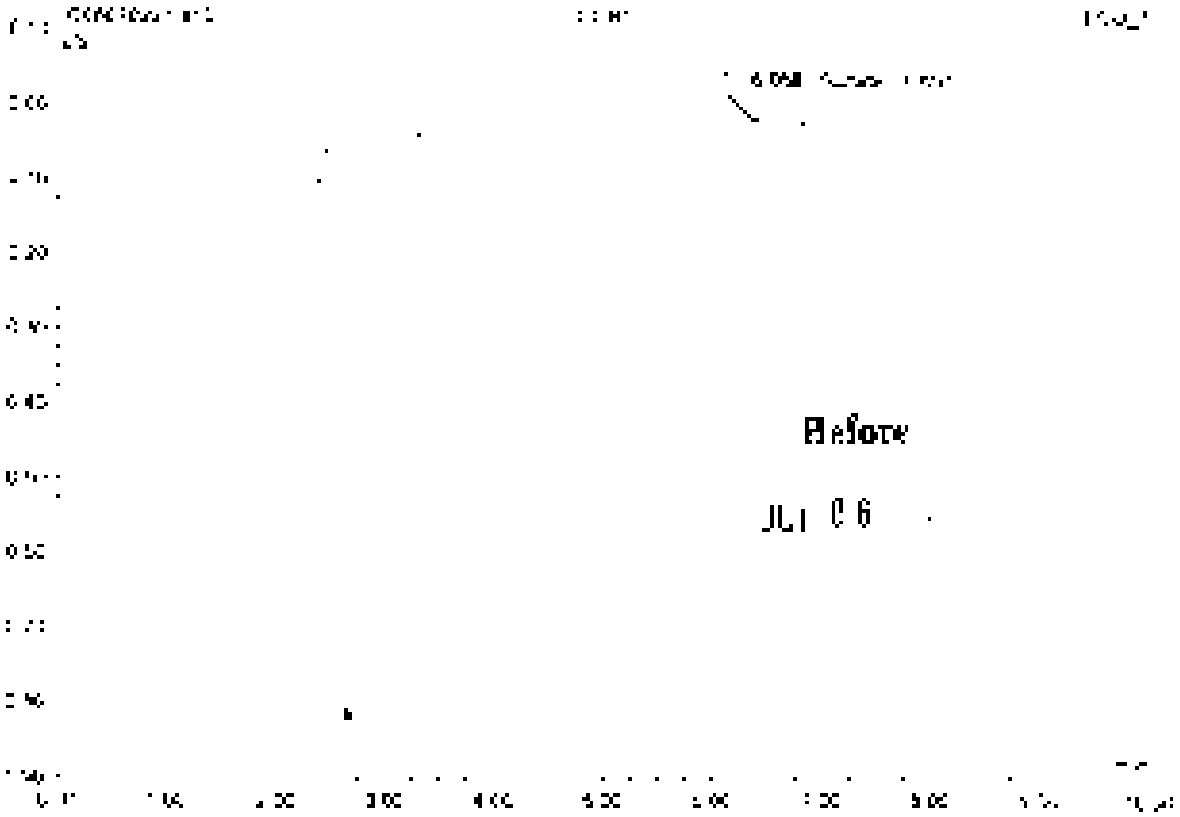
Sample Name	CCB1	Injection Number	10
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/2/2021 15:11	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total			0.000	0.000	0.00	0.000	

10 CCB1

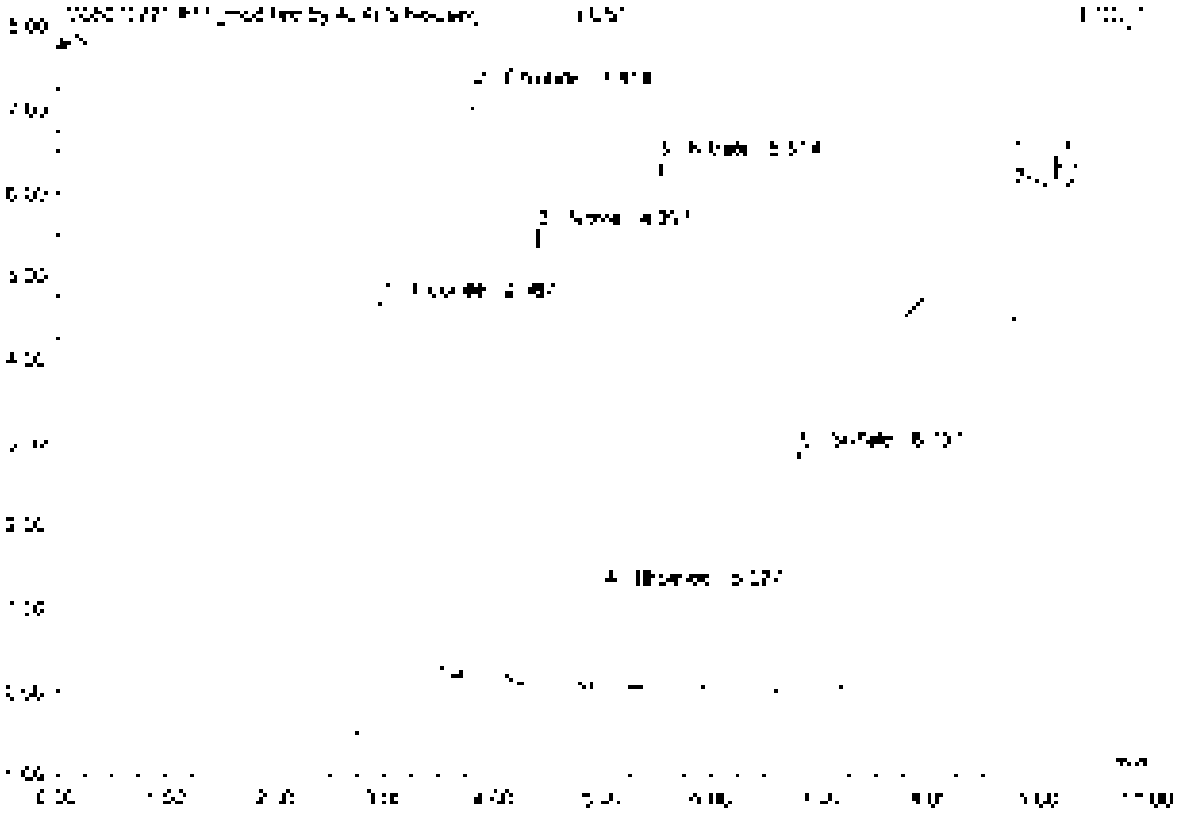
Sample Name	CCB1	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	7/8/2021 15:11	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.05	n.a.	0.135	[illegible]	99.42	n.a.	BMB
2	6.69	Sulfate	0.043	0.005	0.58	0.067	BMB
Total			0.146	[illegible]	100.00	0.067	

11 LCS1

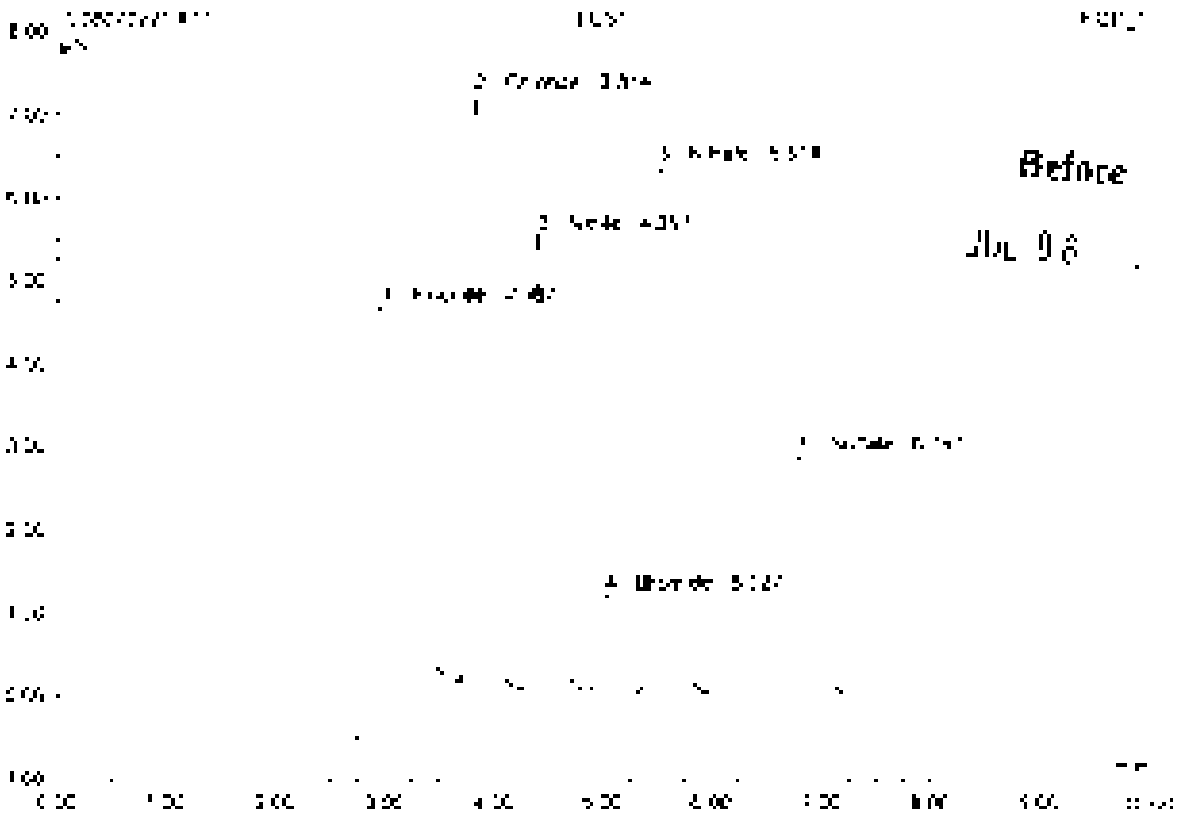
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Critical Factor	1.0000
Recording Time	7/2/2021 15:22	Sample Weight	1.0000
Run Time (sec.)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.9[illegible]	Fluoride	5.070	[illegible].231	21.96	4.902	BMB[illegible]
2	3.8[illegible]	Chloride	7.072	0.870	17.50	4.752	BMB[illegible]
3	4.40	Nitrite	5.486	0.872	18.20	2.450	BMB
4	5.03	Bromide	[illegible].174	0.170	3.57	2.329	BMB
5	5.51	Nitrate	6.352	[illegible].034	21.80	2.457	BMB
6	6.80	Sulfate	7.880	0.906	12.70	4.921	BMB
Total:			28.034	4.742	100.00	21.51[illegible]	

11 LCS1

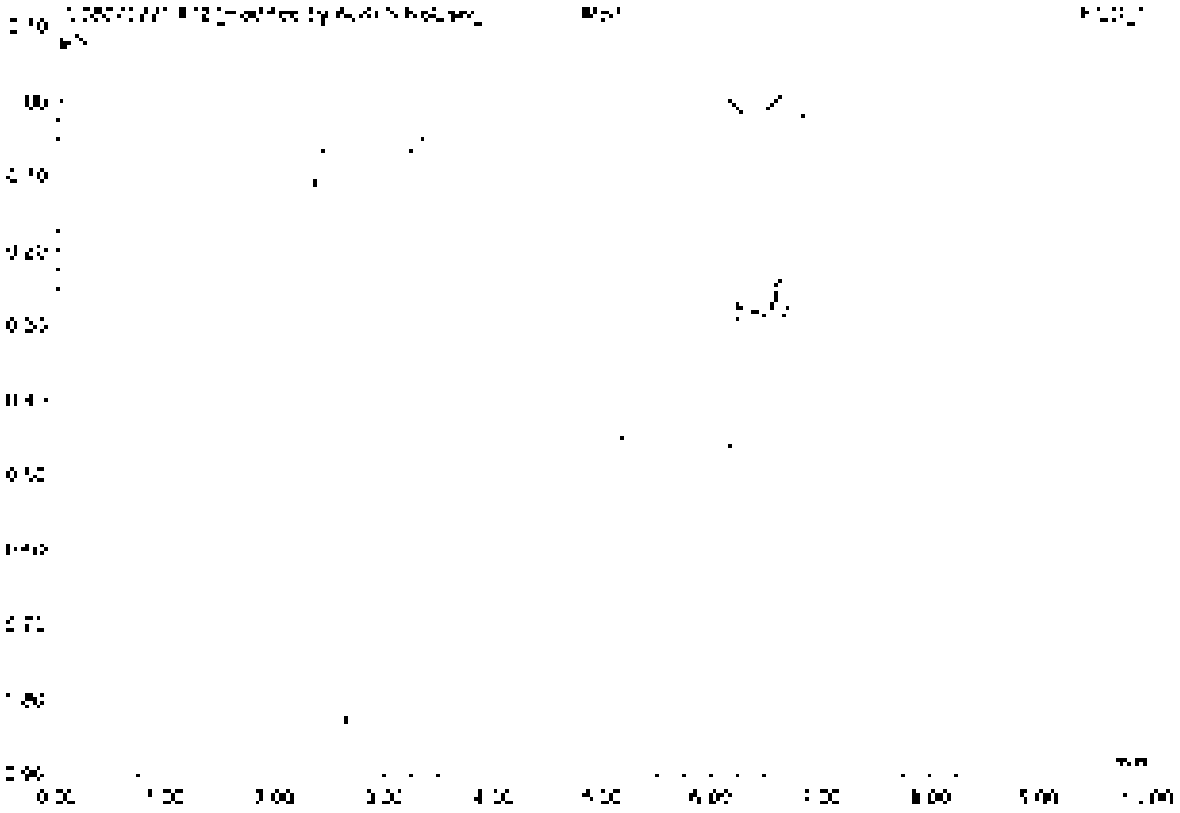
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Quantif. Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Calibrat. Factor	1.0000
Recording Time	7/2/2021 15:22	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
3	[illegible]	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]	BMB
4	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	BMB
5	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
6	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

12 MB1

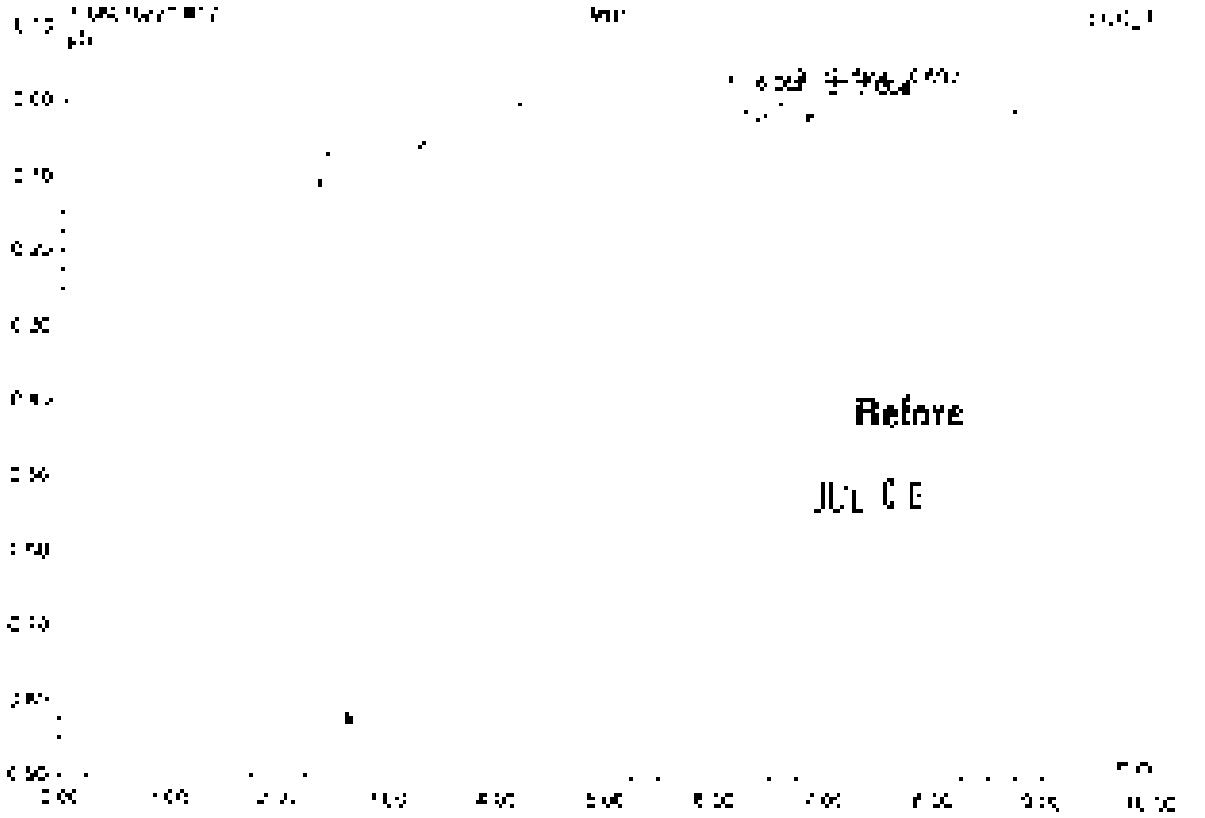
Sample Name	MB1	Injection Volume	10.0
Vial Position	1	Channel	ECD 1
Sample Type	Unknown	Wavelength	n.a.
Control Program	spe300	Bandwidth	n.a.
Control Method	spe300	Dilution Factor	1.0000
Recording Time	7/2/2021 15:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

12 MB1

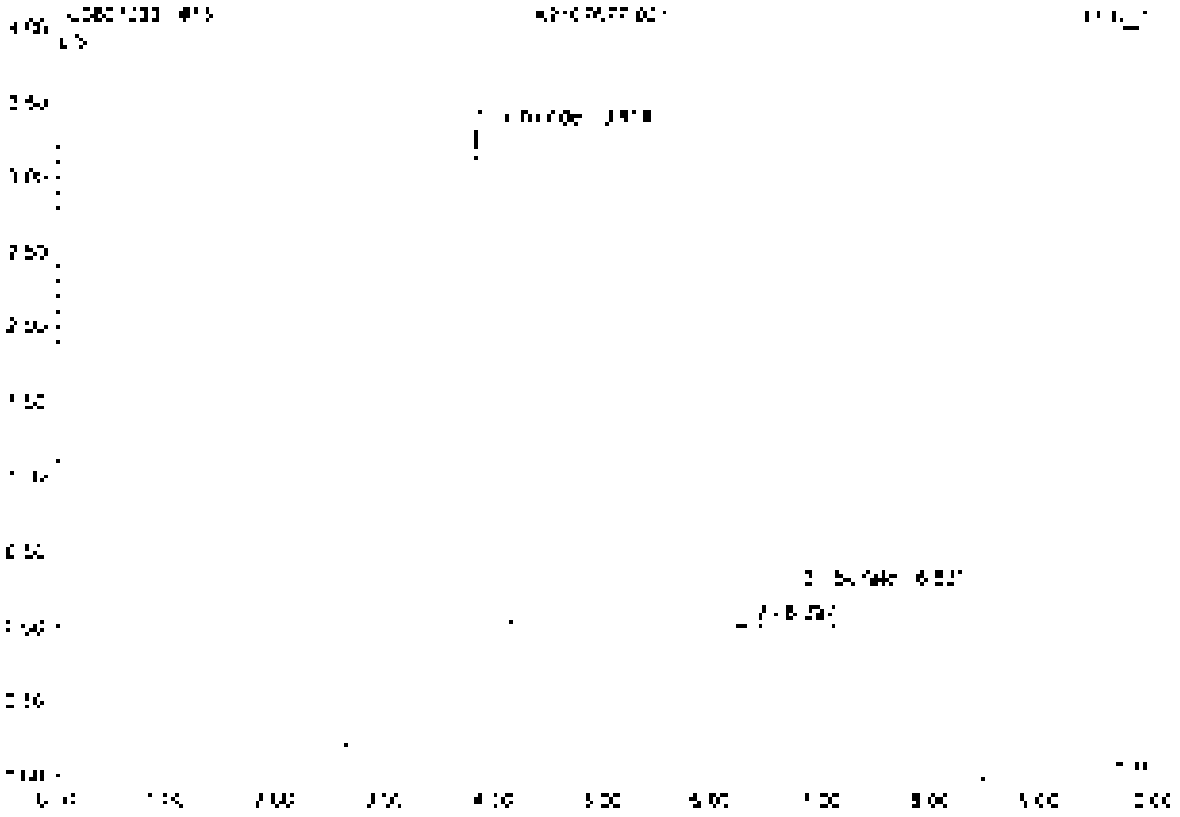
Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Calibration Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	7/2/2021 15:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	5.67	n.a.	0.097	[illegible]	[illegible]	n.a.	BMB
2	5.70	Sulfate	0.041	0.009	5.58	0.067	bMB
3	7.00	n.a.	0.025	0.031	[illegible]	n.a.	bMB
Total:			0.164	[illegible]	100.00	0.067	

13 K2107677-001

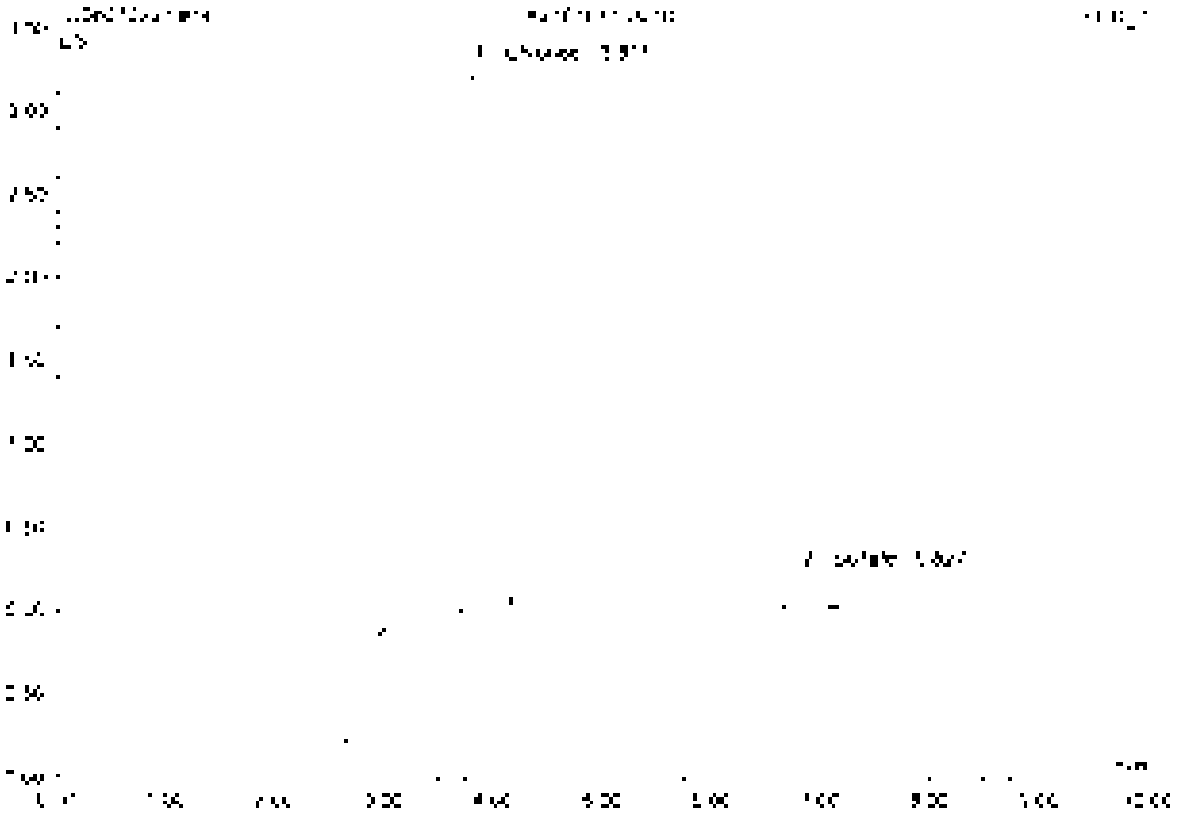
Sample Name	K2107677-001	Injection Volume	25.0
Vial Number	3	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	7.0000
Recording Time	Tr2/2021 15:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.81	Chlorate	3.322	0.335	86.91	4.595	BV0
2	6.40	n.a.	0.020	0.005	1.17	n.a.	BV0
3	6.83	Sulfate	0.243	0.045	11.92	0.896	BMB
Total			3.586	0.452	100.00	5.490	

14 K2107677-001D

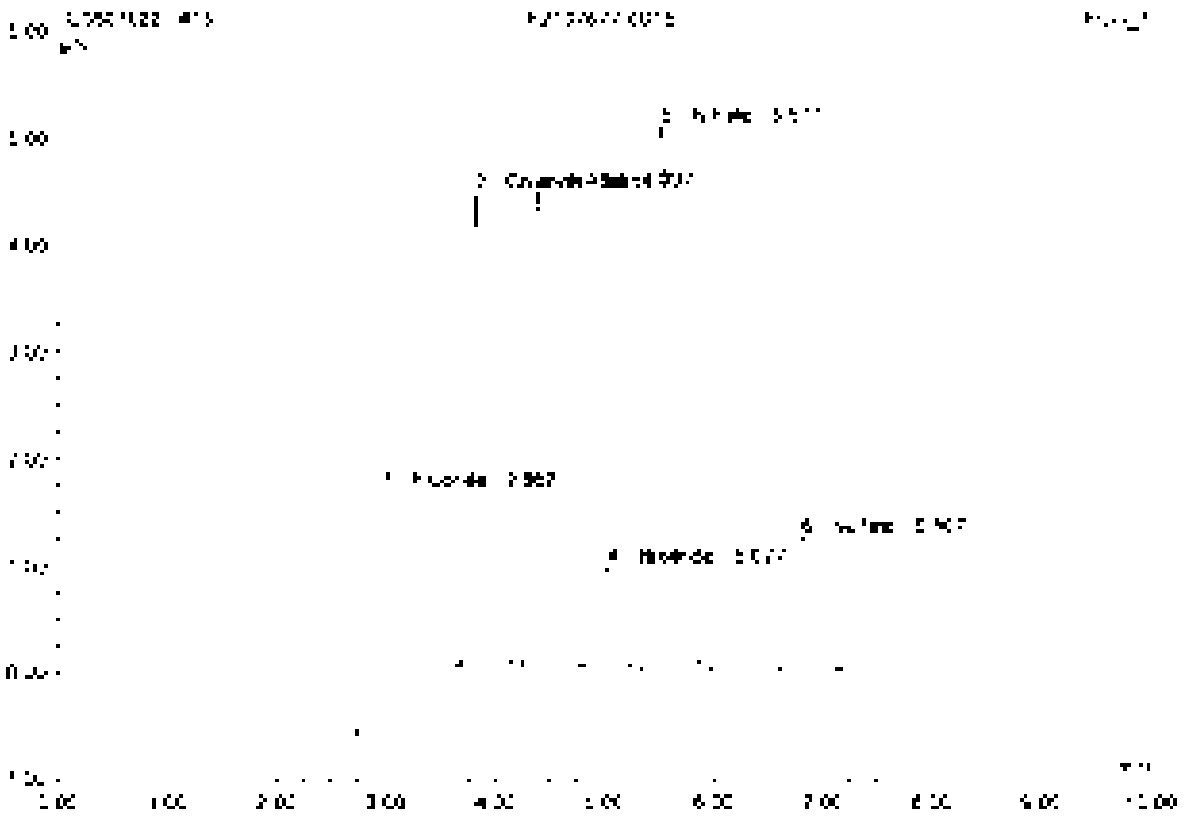
Sample Name	K2107677-001D	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	2.0000
Processing Time	7/2/2021 11:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.81	Chloride	2.271	0.392	88.51	4.528	BVA
2	5.87	Sulfate	0.228	0.051	11.49	0.826	BVA
Total			2.499	0.443	100.00	5.354	

15 K2107677-001S

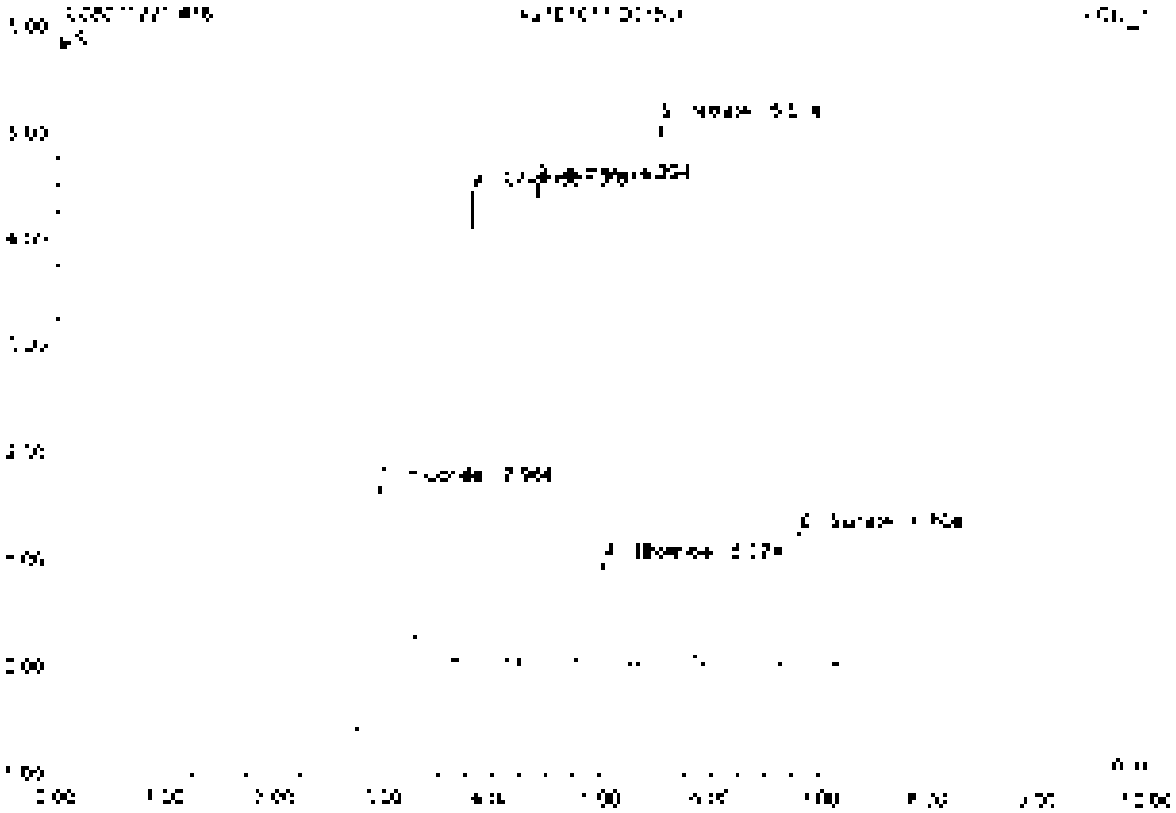
Sample Name	K2107677-001S	Injection Volume	25.0
Run Number	5	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	4.0000
Recording Time	7/2/2021 15:09	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.92	Fluoride	2.142	0.617	19.81	9.724	BMB
2	3.51	Chloride	4.408	0.573	17.00	17.027	BMB
3	4.40	Nitrite	4.409	0.771	23.09	7.938	BMB
4	5.03	Bromide	2.940	0.137	4.40	7.745	BMB
5	5.52	Nitrate	5.073	0.830	25.52	7.896	BMB
6	5.87	Sulfate	1.249	0.266	8.64	7.640	BMB
Total:			15.288	3.018	100.00	54.063	

16 K2107677-001SD

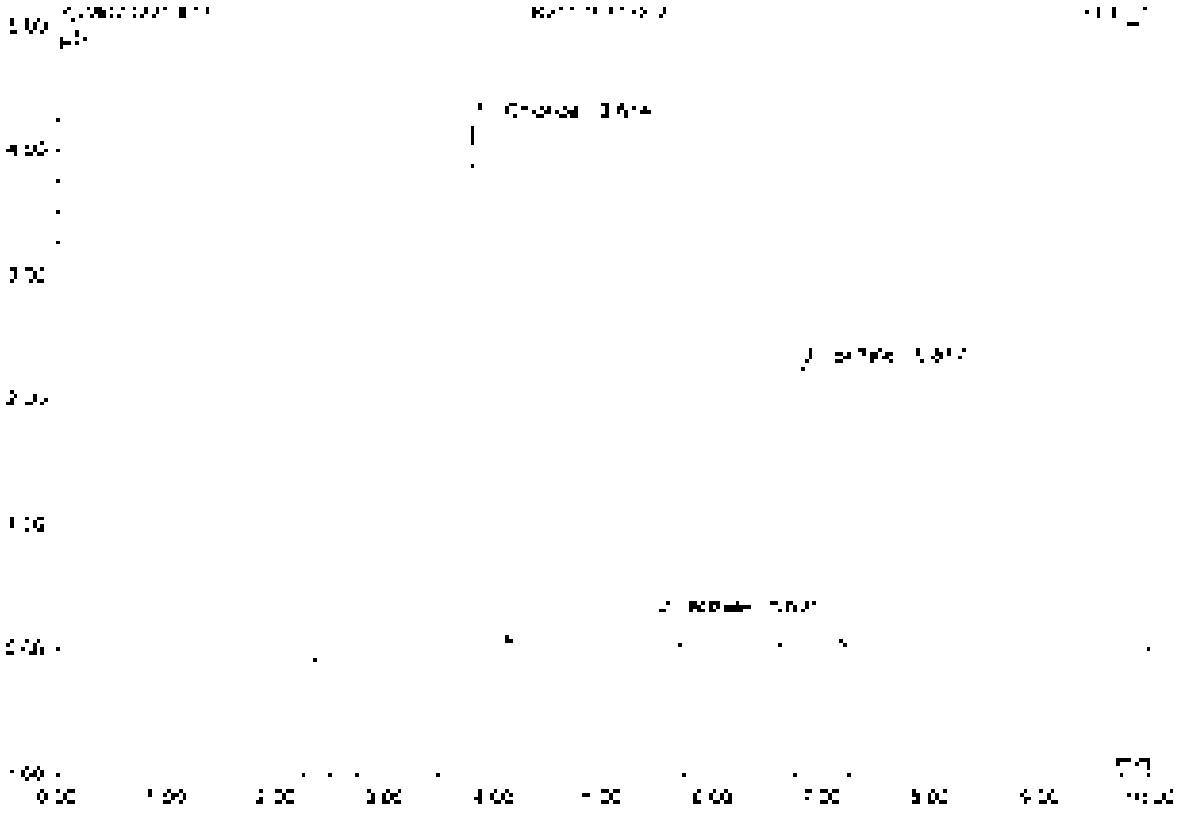
Sample Name	K2107677-001SD	Injection Volume	25.0
Vial Number	6	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	4.0000
Recording Time	7/2/2021 15:20	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	2.742	0.517	19.50	9.724	BVb
2	3.51	Chloride	4.404	0.524	19.71	12.713	bVB
3	4.39	Nitrite	4.428	0.714	26.97	5.030	BMB
4	5.02	Bromide	0.551	0.137	5.16	7.750	BMB
5	5.57	Nitrate	1.073	0.829	31.25	7.881	BMB
6	5.80	Sulfate	1.256	0.267	10.08	8.686	BMB
Total:			12.314	2.648	100.00	51.784	

17 K2107677-002

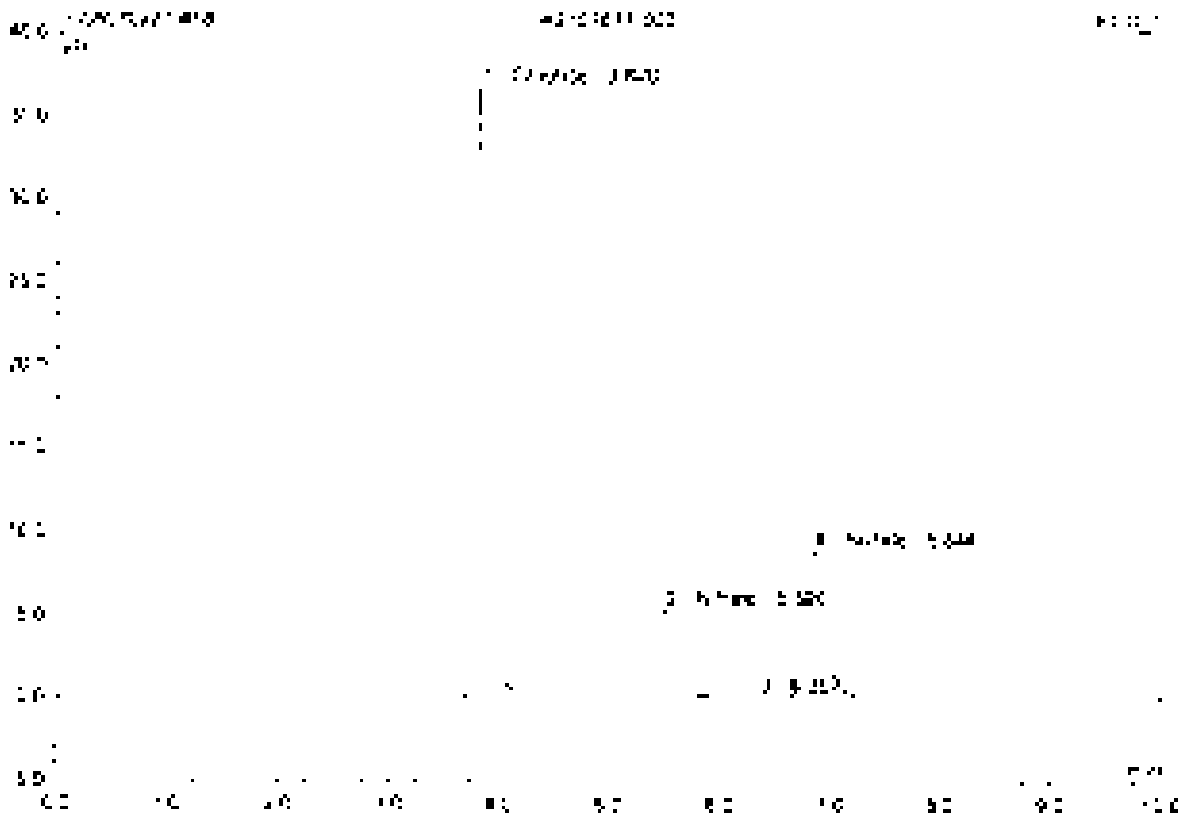
Sample Name	K2107677-002	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant. Method	apa300	Dilution Factor	3.0000
Recording Time	[illegible]/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	5.52	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
3	6.82	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

18 K2107677-003

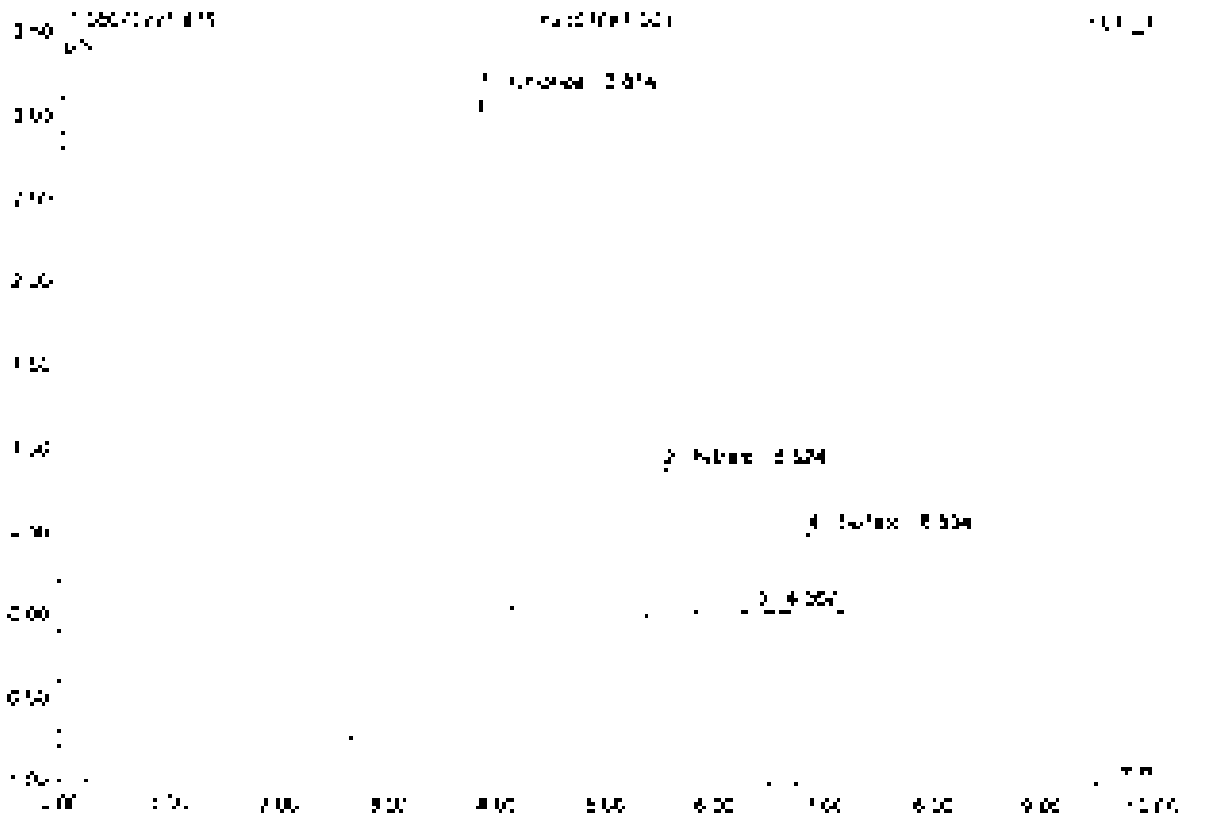
Sample Name	K2107677-003	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Calibration Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/2/2021 18:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height pS	Area µS*min	Rel Area %	Amount	Type
1	3.82	Chloride	36.543	4.109	60.64	47.494	BMB
2	5.52	Nitrate	5.123	0.552	13.21	4.256	BMB
3	5.38	n.a.	0.030	0.000	0.12	n.a.	BMB
4	6.84	Sulfate	8.802	1.764	26.03	22.037	BMB
Total:			50.699	6.775	100.00	69.354	

19 K2107687-001

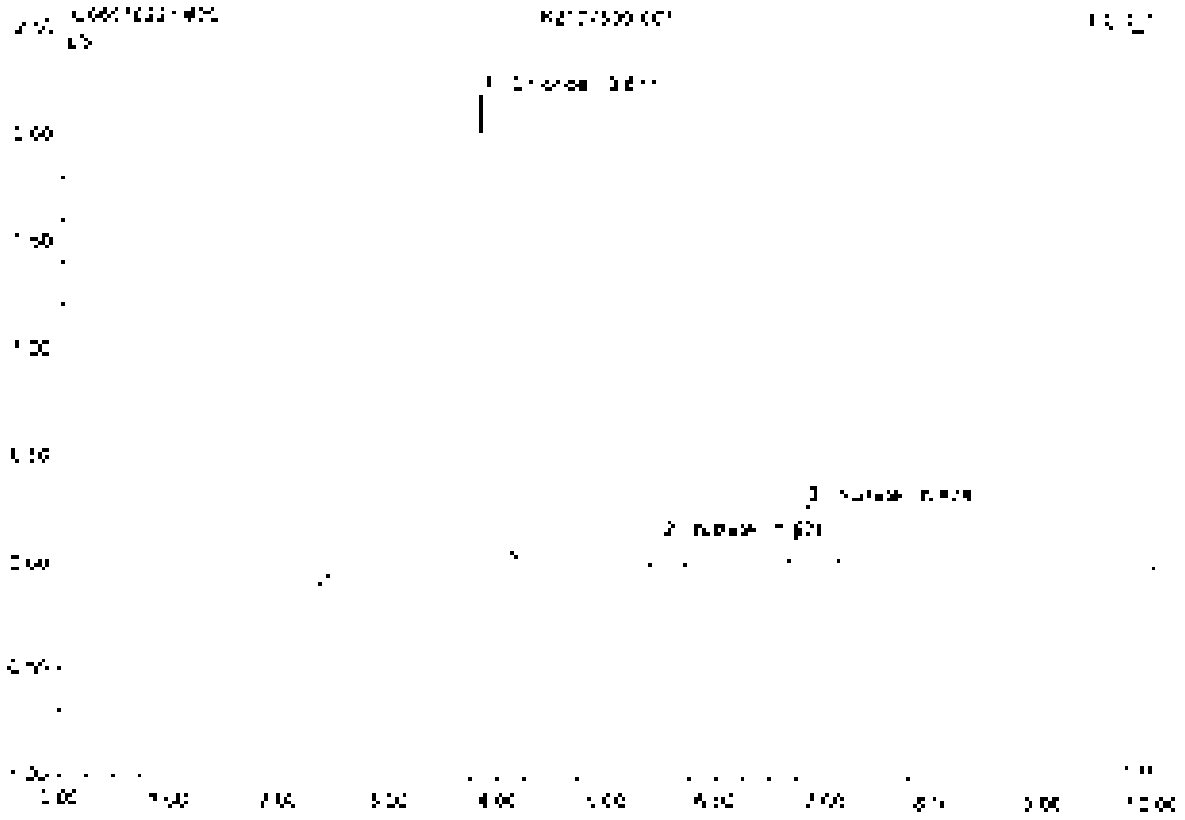
Sample Name	K2107687-001	Injection Volume	25.0
Vial Number	9	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	7/2/2021 16:55	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.51	Chloride	3.127	3.379	60.17	4.782	BMB
2	5.52	Nitrate	0.880	1.142	22.52	0.678	BMB
3	6.37	n.a.	0.020	0.006	0.11	n.a.	BMB
4	5.83	Sulfate	0.481	1.103	16.30	1.658	BMB
Total:			4.521	5.630	100.00	6.720	

20 K2107699-001

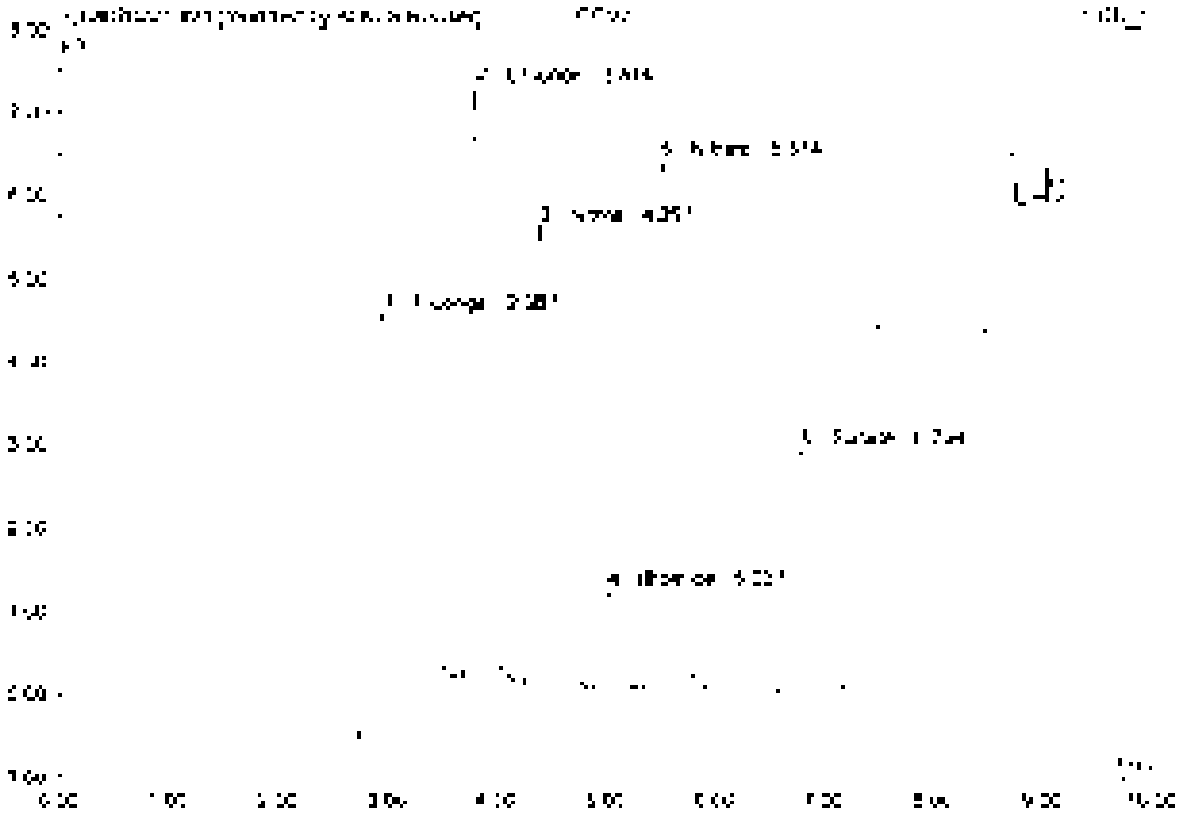
Sample Name	K2107699-001	Injection Volume	25.0
Vial Number	10	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Processing Time	7/7/2021 17:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	5.62	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
3	6.82	Sulfate	0.265	0.058	[illegible]	0.548	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

21 CCV2

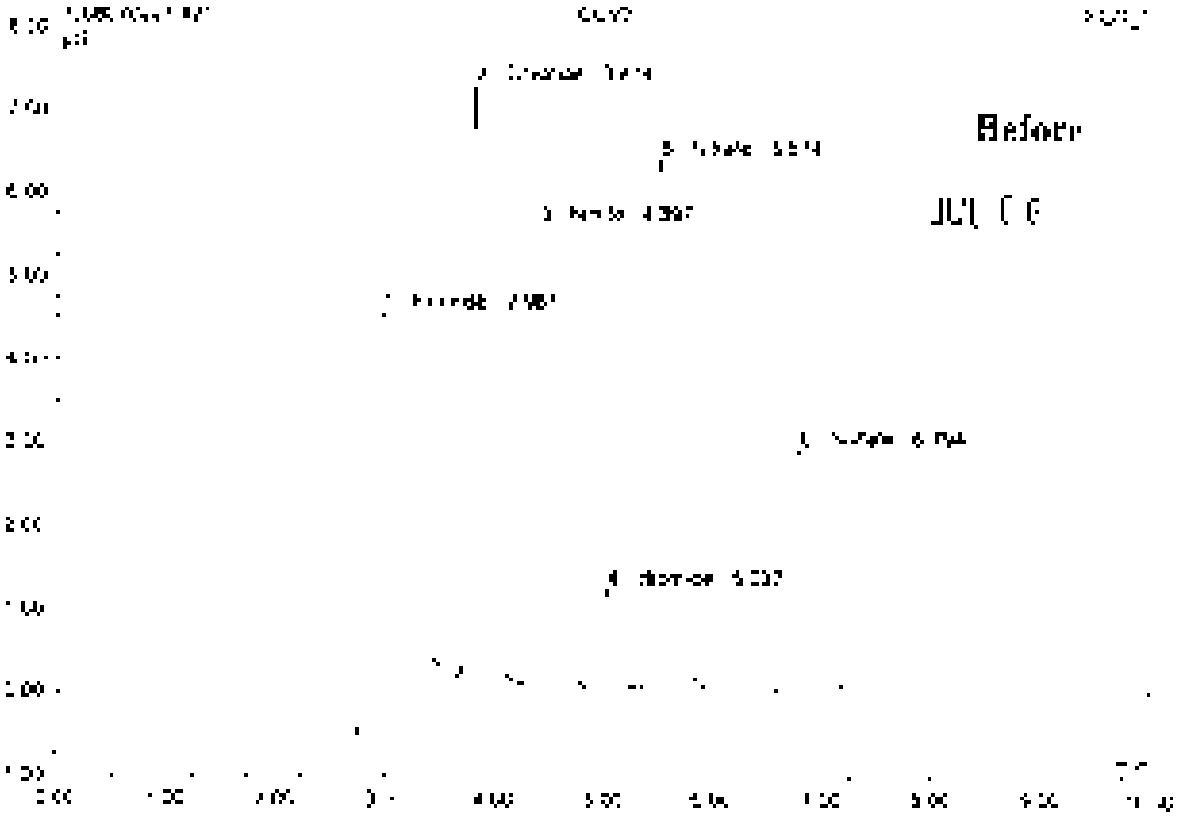
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	LCD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Processing Time	[illegible]/2021 17:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.97	Fluoride	4 [illegible]	1.[illegible]	25.26	4.755	BV8*
2	3.8[illegible]	Chloride	[illegible]	0.830	17.65	4.830	BV8*
3	4.40	Nitrite	5.035	0.882	18.68	2.479	BV9
4	5.03	Bromide	1.[illegible]81	0.[illegible]	3.6[illegible]	2.406	BMb
5	5.6[illegible]	Nitrate	6.266	1.034	21.87	2.458	BMB
6	6.[illegible]9	Sulfate	2.805	0.6[illegible]1	12.9[illegible]	4.957	BV8
Total:			2[illegible].596	4.728	100.00	2[illegible].884	

21 CCV2

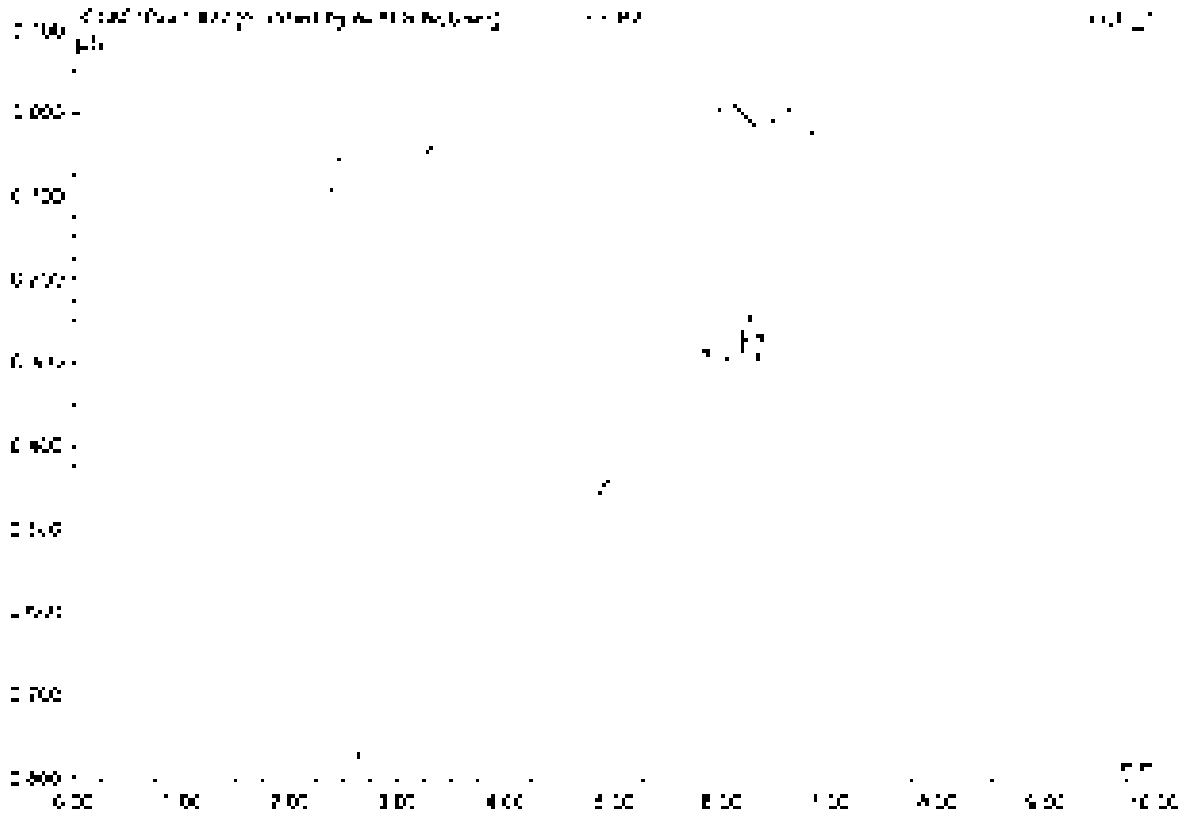
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	7/2/2021 17:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.87	Fluoride	4.944	[illegible]	24.96	4.933	BMB
2	3.91	Chloride	[illegible]	0.936	17.97	4.830	BMB
3	4.40	Nitrite	5.555	0.882	16.49	2.479	BMB
4	5.03	Bromide	[illegible]	0.177	3.38	2.436	BMB
5	5.51	Nitrate	5.355	1.034	21.67	2.458	BMB
6	5.79	Sulfate	2.896	[illegible]	12.79	4.957	BMB
Total:			28.020	[illegible]	100.00	27.063	

22 CCB2

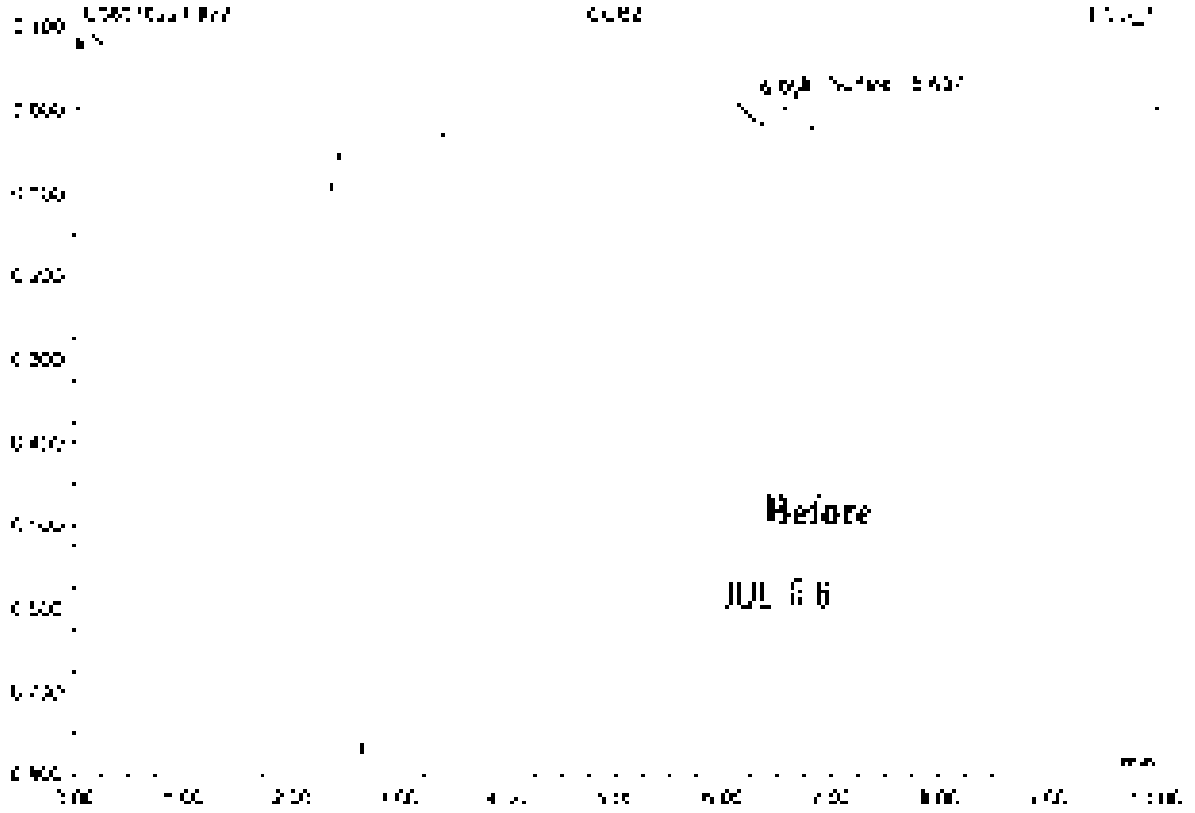
Sample Name	CCB2	Injection Volume	25.0
Vial Number	41	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	7/2/2021 17:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

22 CCB2

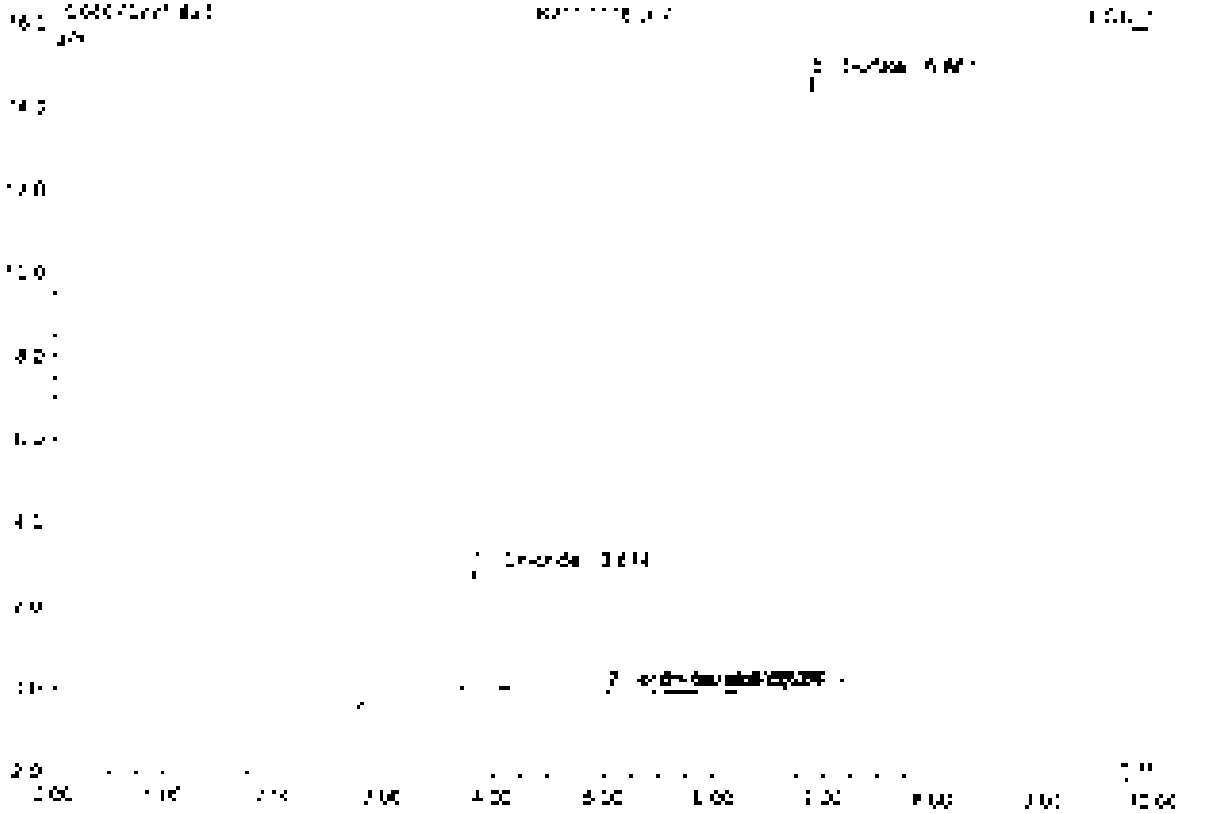
Sample Name	CCB2	Injection Volume	25.0
Vial Number	48	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	7/2/2021 17:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.37	n.a.	0.087	1.269	99.37	n.a.	BMB
2	6.40	Sulfate	0.038	0.008	0.63	0.066	BMB
Total:			0.125	1.277	100.00	0.066	

23 K2107116-007

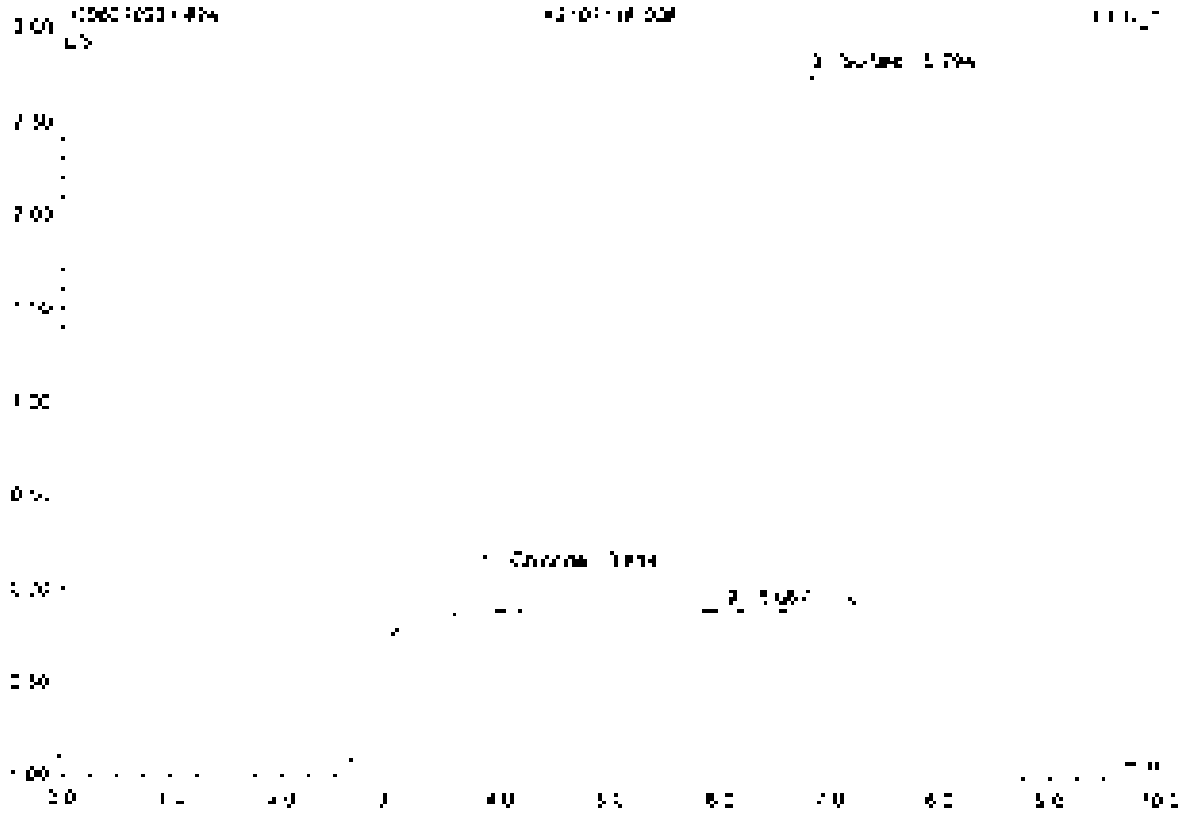
Sample Name	K2107116-007	Injection Volume	25.0
Vial Number	11	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	3.0000
Recording Time	7/2/2021 17:42	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.81	Chloride	2.877	0.245	10.59	4.032	BMB
2	5.25	Bromide	0.036	0.006	0.17	0.156	BMB
3	5.52	Nitrate	0.062	0.016	0.51	0.078	BMB
4	5.31	Na	0.066	0.021	0.65	n.a.	BMB
5	8.38	Sulfate	14.603	2.872	87.77	45.665	BMB
Total			17.674	3.204	100.00	49.930	

24 K2107118-008

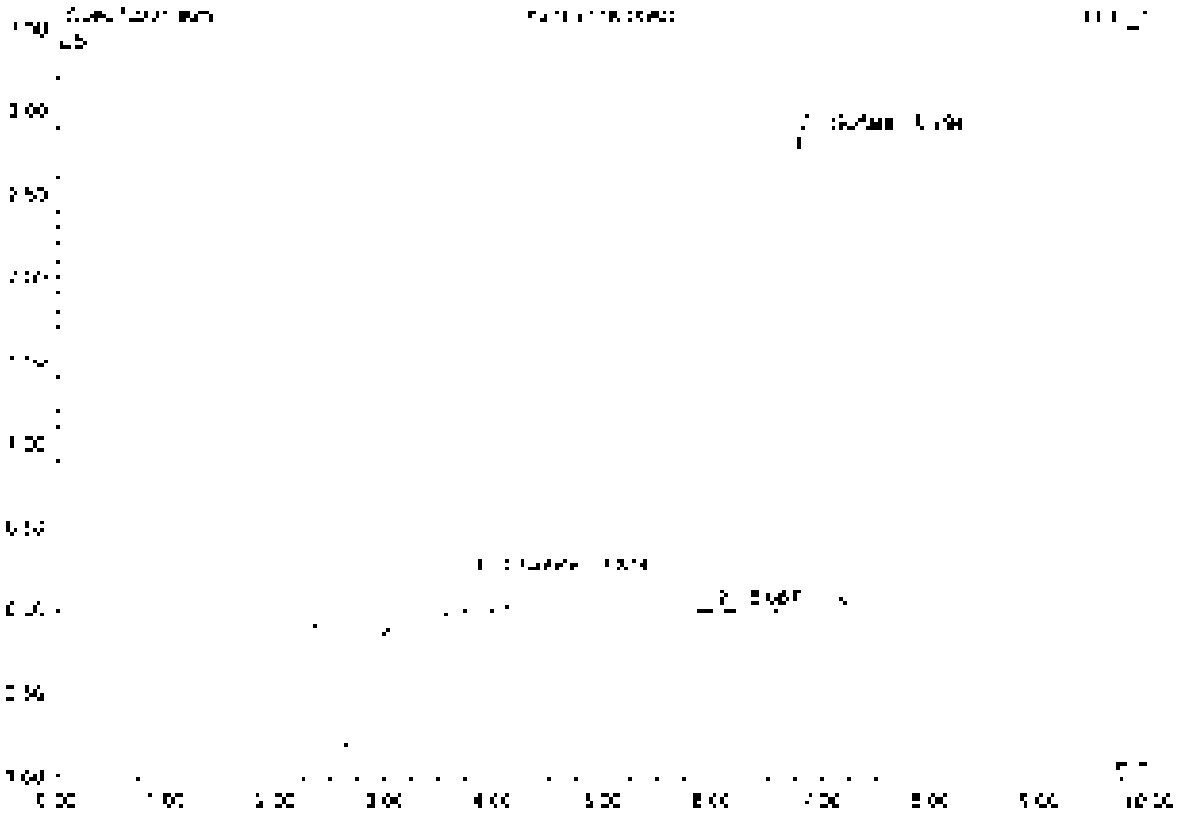
Sample Name	K2107118-008	Injection Volume	25.0
Vial Number	12	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Search Method	epa300	Dilution Factor	200.0000
Recording Time	7/2/2021 17:55	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	RetTime min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.81	Chloride	0.220	0.029	4.55	0.0[illegible]	BMB
2	5.07	n.a.	0.027	0.007	[illegible]	n.a.	BMB
3	6.79	Sulfate	2.851	0.604	94.27	580.757	BMB
Total:			3.100	0.641	100.00	10[illegible].566	

25 K2107118-008D

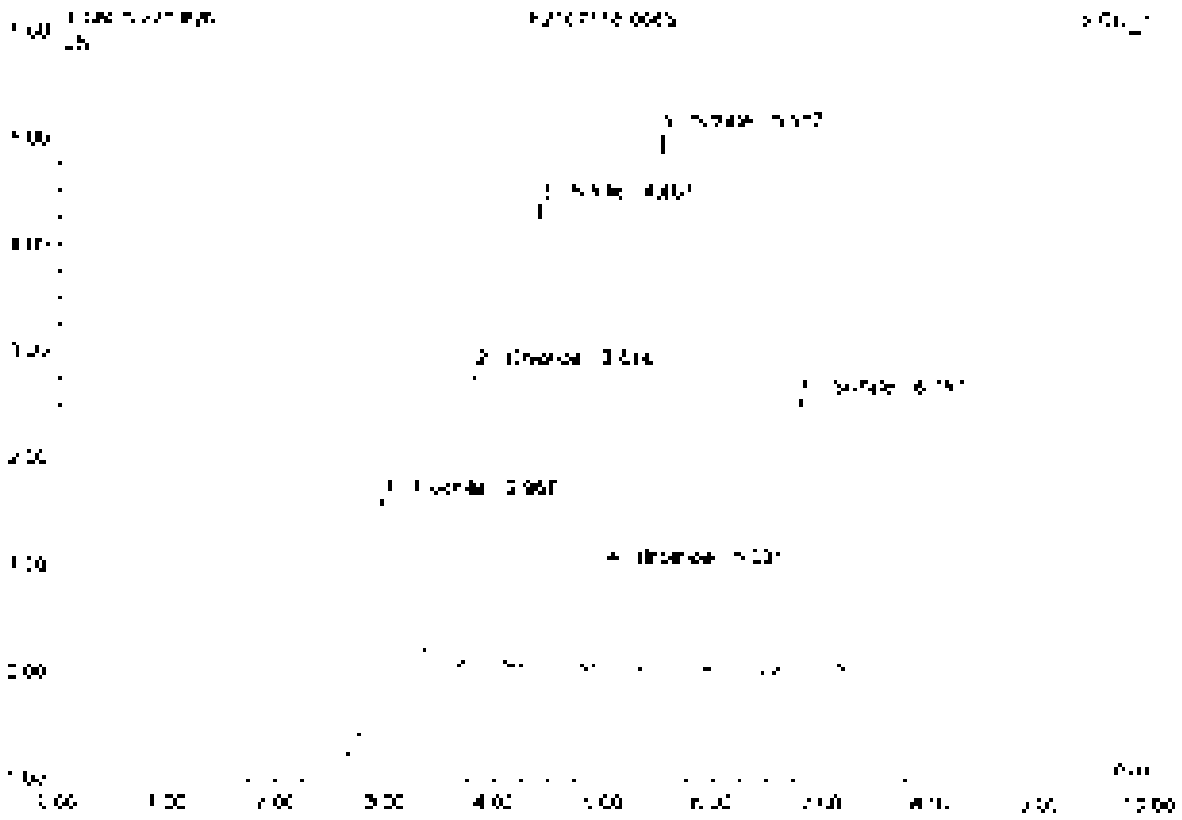
Sample Name	K2107118-008D	Injection Volume	25.0
Vial Number	10	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	200.0000
Processing Time	7/2/2021 10:05	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.21	Chloride	0.218	0.028	4.46	32.687	BMB
2	6.06	n.a.	0.025	0.007	1.02	n.a.	BMB
3	6.79	Sulfate	2.837	0.599	94.40	972.256	BMB
Total:			3.080	0.635	100.00	1005.943	

26 K2107118-008S

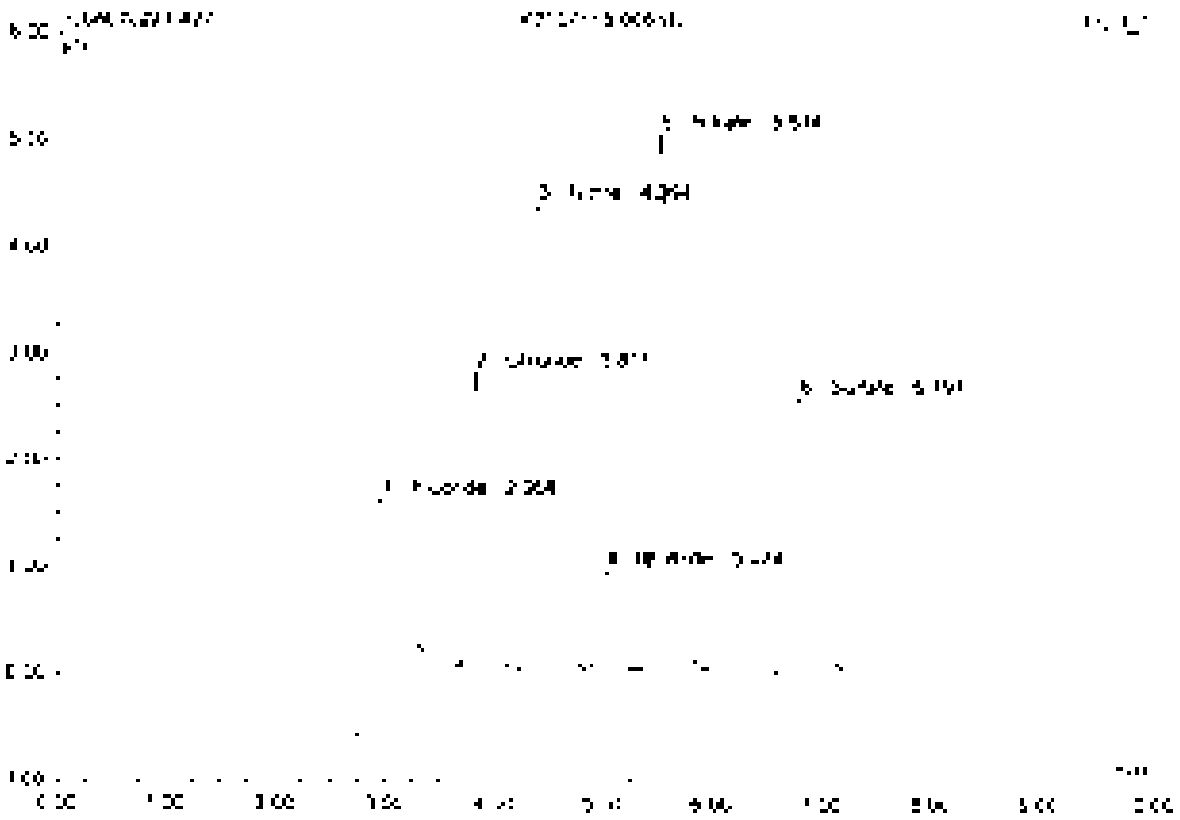
Sample Name	K2107118-008S	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Sample Method	epa300	Calibrat. Factor	400.0000
Recording Time	7/2/2021 18:16	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.97	Fluoride	2.065	0.158	15.17	552.775	BMB
2	3.91	Chloride	2.770	0.132	10.62	755.915	BMB
3	4.60	Nitrite	4.361	0.696	22.90	782.285	BMB
4	5.31	Bromide	0.939	0.138	4.35	154.901	BMB
5	5.52	Nitrate	5.026	0.820	35.26	772.309	BMB
6	5.80	Sulfate	2.660	0.540	17.37	1754.089	BMB
Total:			17.731	3.124	100.00	5736.282	

27 K2107118-008SD

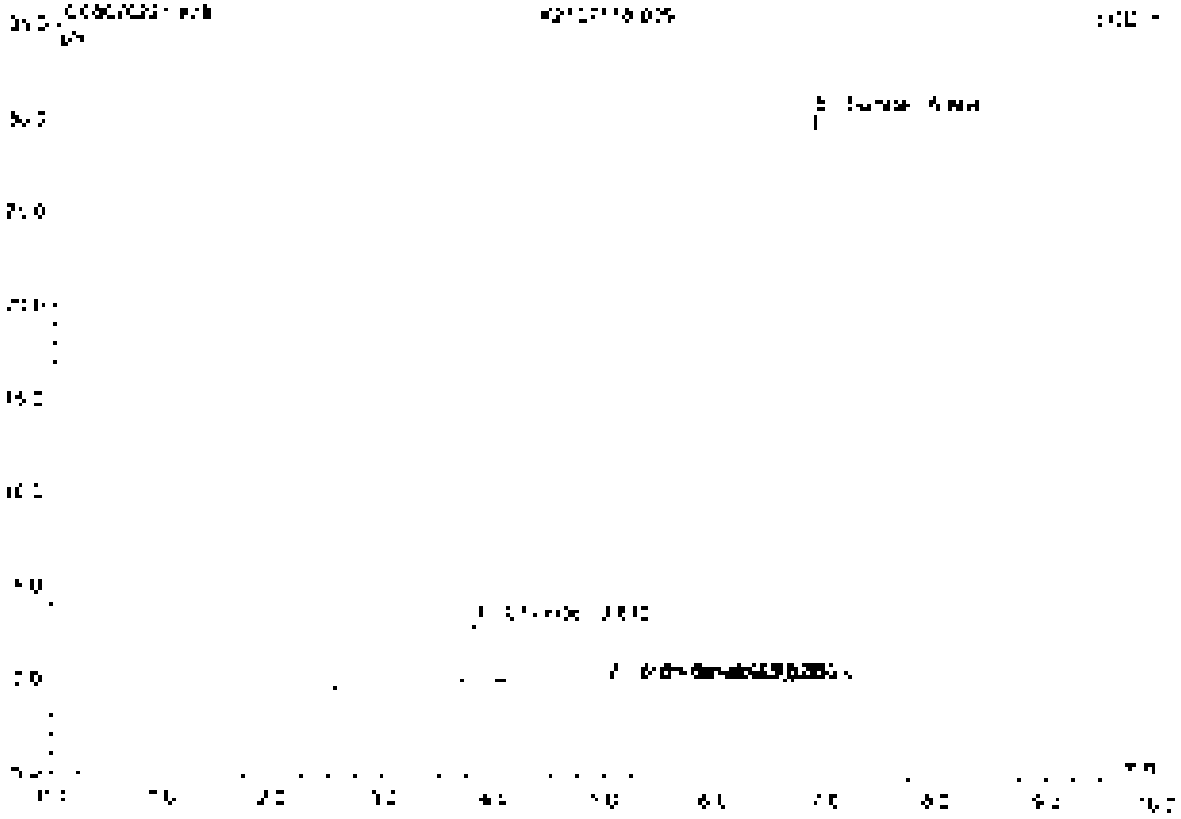
Sample Name	K2107118-008SD	Injection Volume	25.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	400.0000
Recording Time	7/2/2021 18:28	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	2.087	0.502	19.28	958.581	BMB
2	3.81	Chloride	2.704	0.330	10.59	762.329	BMB
3	4.39	Nitrite	4.356	0.594	22.20	786.017	BMB
4	5.32	Bromide	0.937	0.135	4.33	702.425	BMB
5	5.51	Nitrate	5.021	0.819	26.23	778.244	BMB
6	6.79	Sulfate	2.503	0.541	17.34	1757.104	BMB
Total:			[illegible]	3.121	100.00	5759.806	

28 K2107118-009

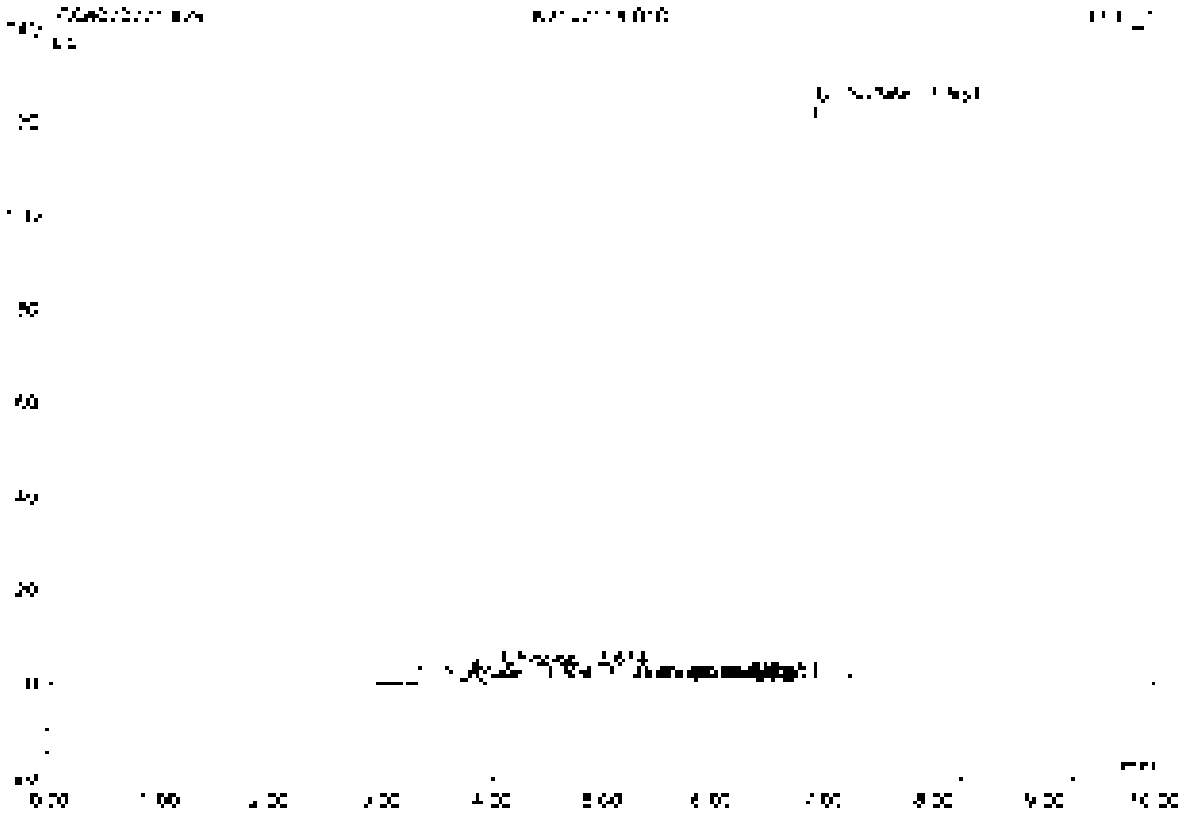
Sample Name	K2107118-009	Injection Volume	[illegible]
Vial Number	16	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Processing Time	[illegible]/2021 18:40	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Chlorate	[illegible]	[illegible]	[illegible]	[illegible]	BV3
2	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	BV0
3	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BV0
4	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BV0
5	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BV3
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

29 K2107118-010

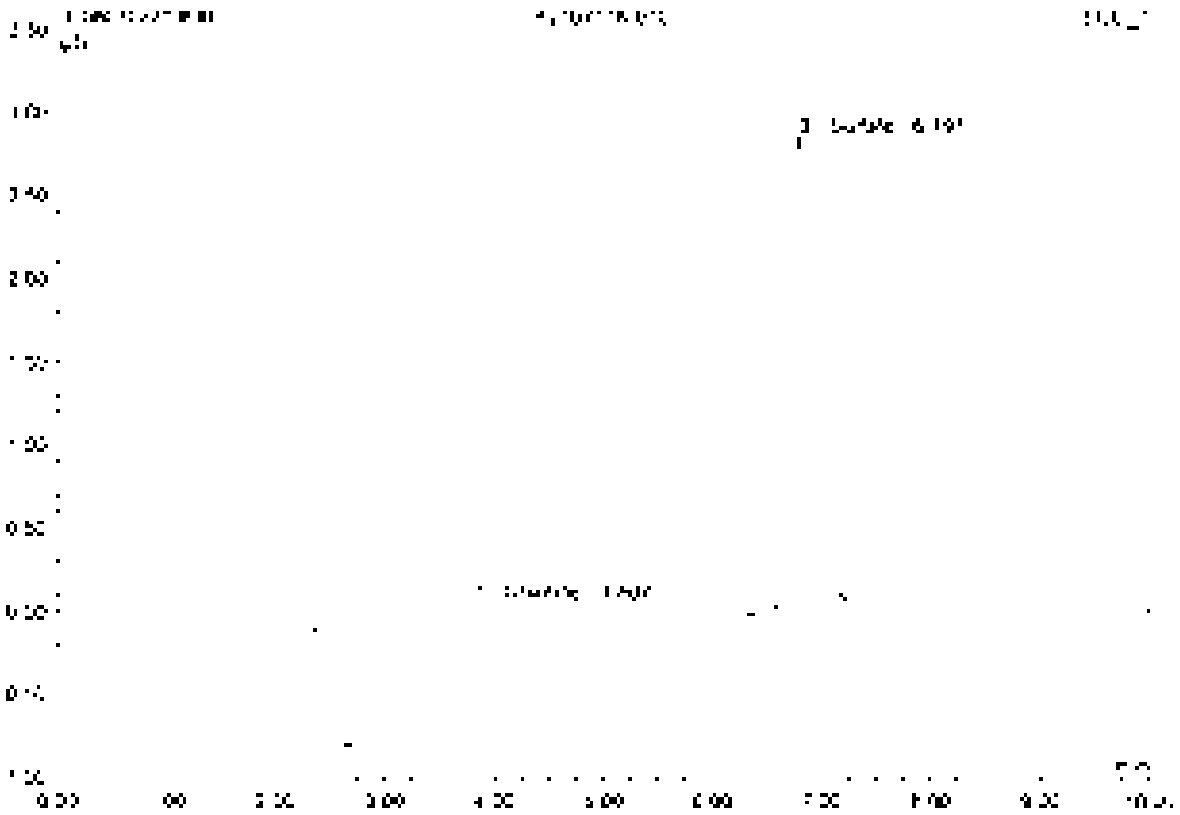
Sample Name	K2107118-010	Injection Volume	25.0
Vial Number	17	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	7/2/2021 18:51	Sample Weight	1.0000
Run Time (min)	40.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.30	Formate	0.281	0.715	0.57	n.a.	BMB
2	3.81	Chlorate	3.007	0.303	0.96	4.151	BMB
3	5.00	Bromate	0.019	0.005	0.01	0.035	BMB
4	5.52	Nitrite	0.064	0.009	0.02	0.040	BMB
5	6.05	n.a.	0.070	0.014	0.04	n.a.	BMB
6	6.50	Sulfate	122.393	37.375	98.40	506.025	BMB
Total:			125.884	37.932	100.00	510.414	

30 K2107118-010

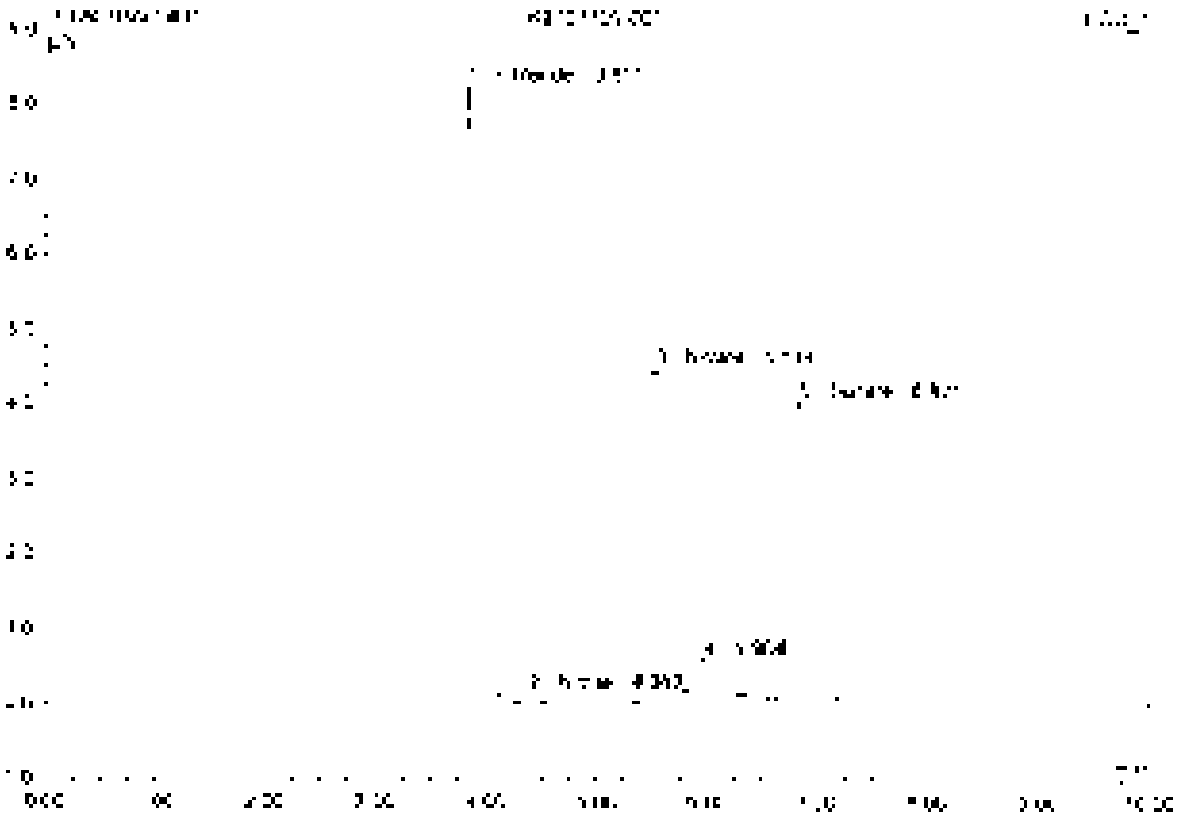
Sample Name	K2107118-010	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	Unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	100.0000
Recording Time	7/2/2021 19:01	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.57	Chloride	3.623	1.417	69.20	818.405	BMB
2	5.79	Sulfate	2.811	0.631	30.80	441.632	BMB
Total:			3.434	2.030	100.00	1316.038	

31 K2107709-001

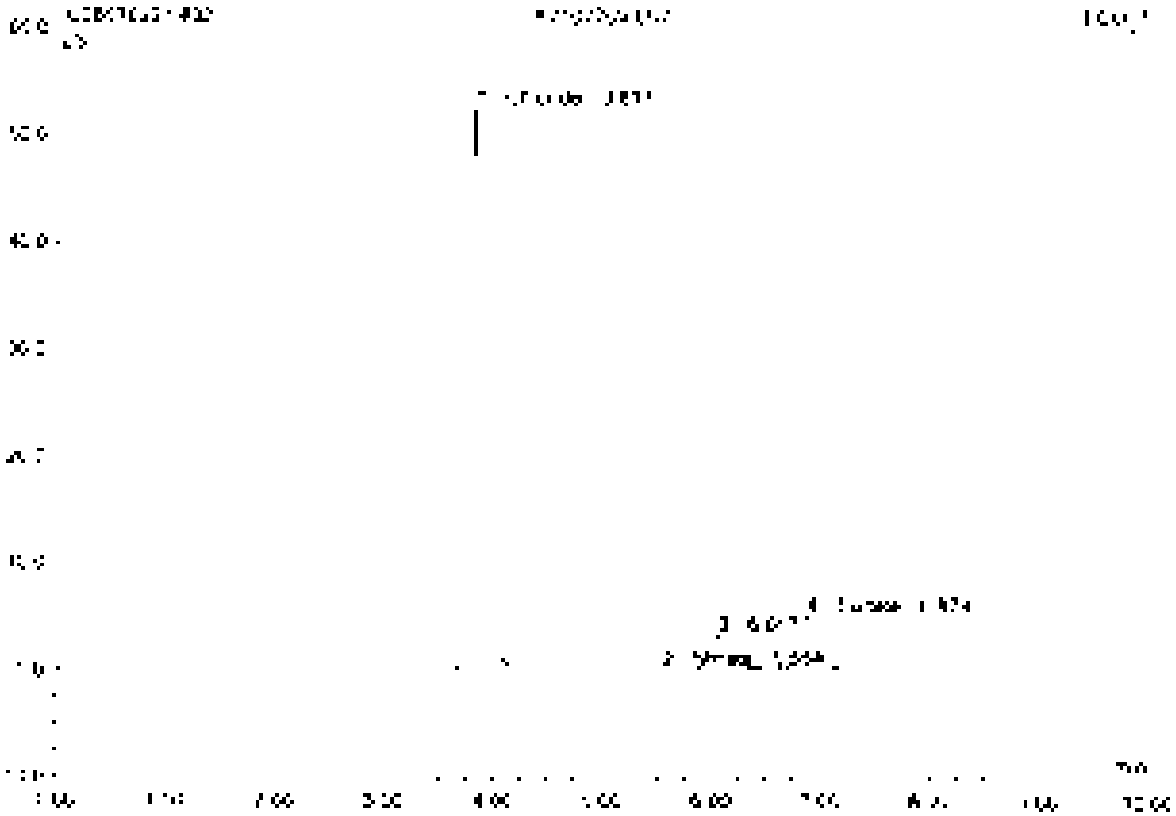
Sample Name	K2107709-001	Injection Volume	26.0
Vial Number	19	Channel	LCD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	2.0000
Recording Time	7/2/2021 19:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	3.81	Chloride	0.218	0.965	27.08	[illegible]	BV B
2	4.39	Nitrite	0.196	0.019	0.51	0.104	BV B
3	4.51	Nitrate	4.426	0.700	20.00	3.327	BV B
4	5.95	n.a.	0.444	0.103	2.97	n.a.	BM B
5	6.82	Sulfate	3.962	0.916	26.36	13.256	BM B
Total:			[illegible]	2.503	100.00	27.637	

32 K2107709-002

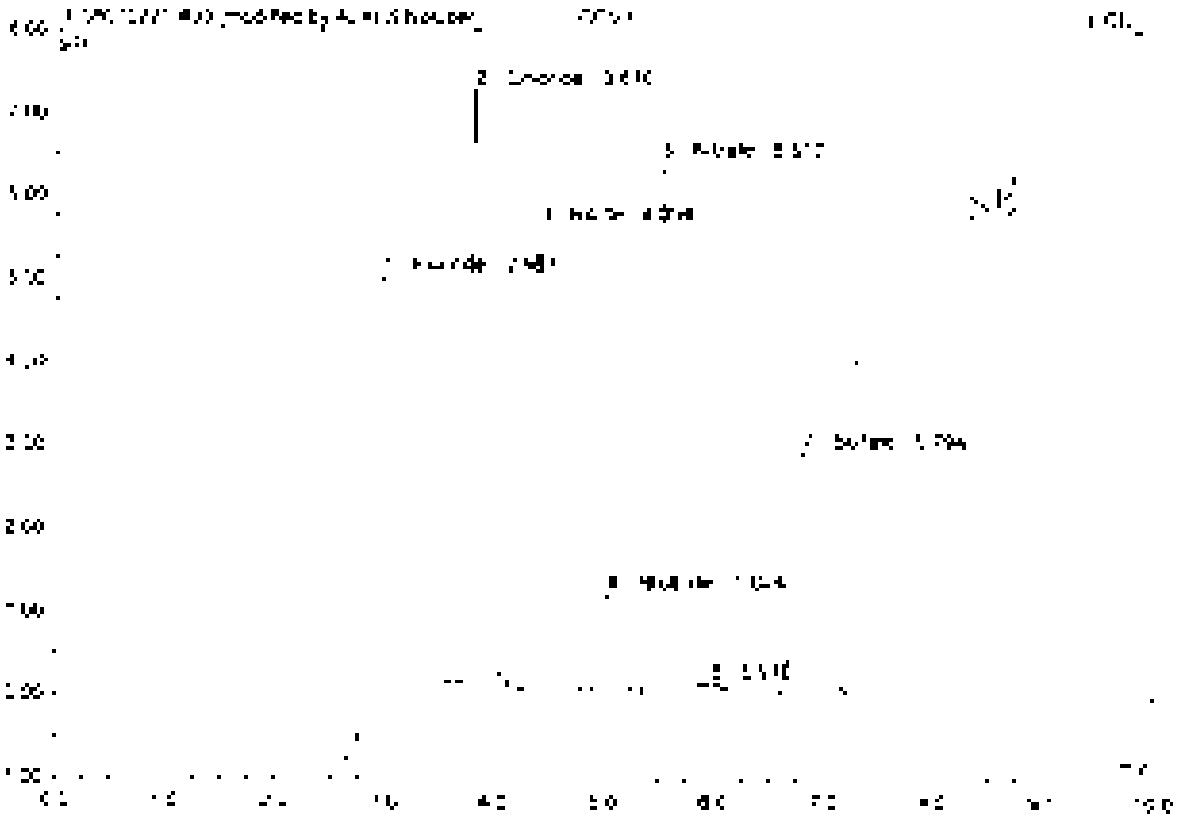
Sample Name	K2107709-002	Injection Volume	35.0
Vial Number	20	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	2.0000
Recording Time	7/7/2021 10:26	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.52	Chloride	52.250	5.900	78.41	68.175	BMB
2	5.55	Nitrate	3.031	0.508	6.11	0.039	BMB
3	6.06	[illegible]	3.180	0.705	9.37	n.a.	BMB
4	6.87	Sulfate	4.850	0.911	12.11	14.759	BMB
Total:			63.310	7.526	100.00	83.073	

33 CCV3

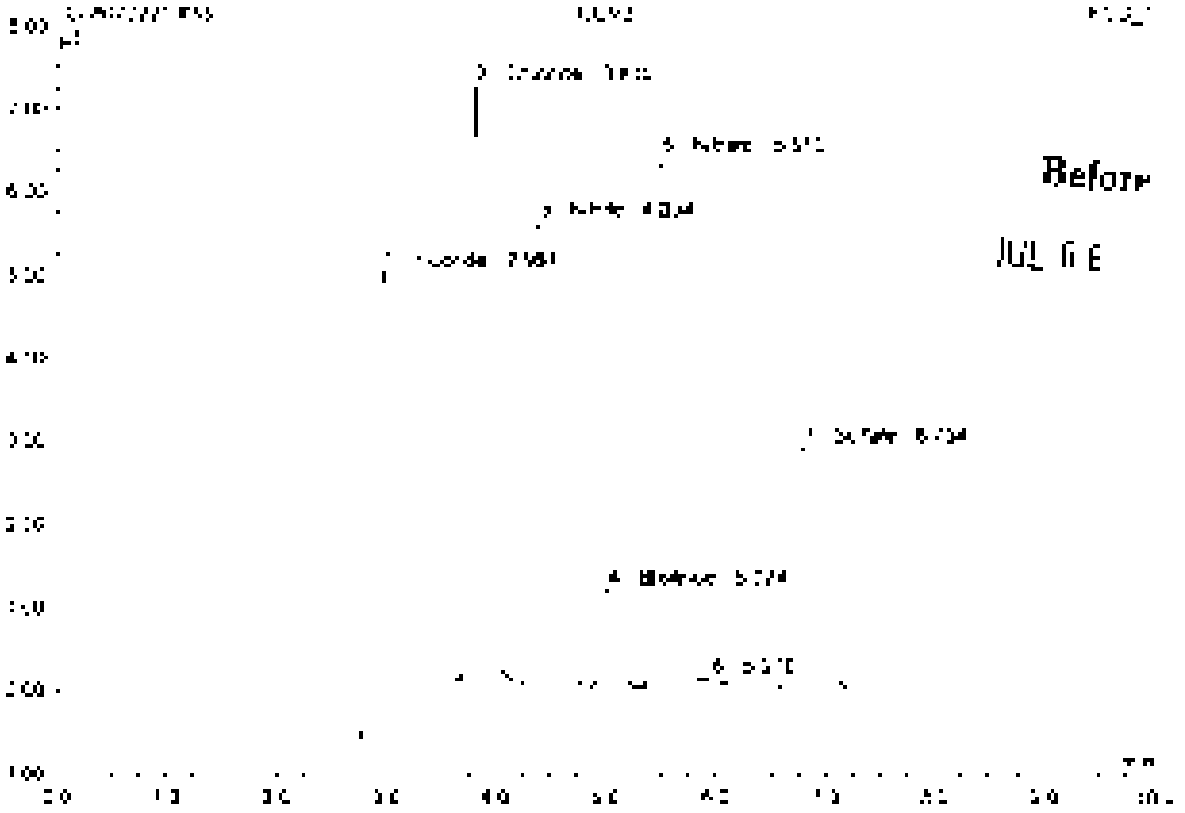
Sample Name	CCV3	Injection Volume	25.0
Vial Number	46	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Calibration Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	7/2/2021 19:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.97	Fluoride	5.422	1.263	25.44	5.000	BV B*
2	3.21	Chloride	7.155	0.838	17.55	4.843	BMB*
3	4.39	Nitrite	5.599	0.880	18.42	2.474	BMB
4	5.02	Bromide	[illegible]	[illegible]	[illegible]	2.436	BMB
5	5.51	Nitrate	6.360	[illegible]	[illegible]	2.403	BMB
6	5.97	n.a.	0.042	0.007	[illegible]	n.a.	BMB
7	6.79	Sulfate	2.900	0.538	12.72	4.502	BMB
Total			28.664	4.778	100.00	22.028	

33 CCV3

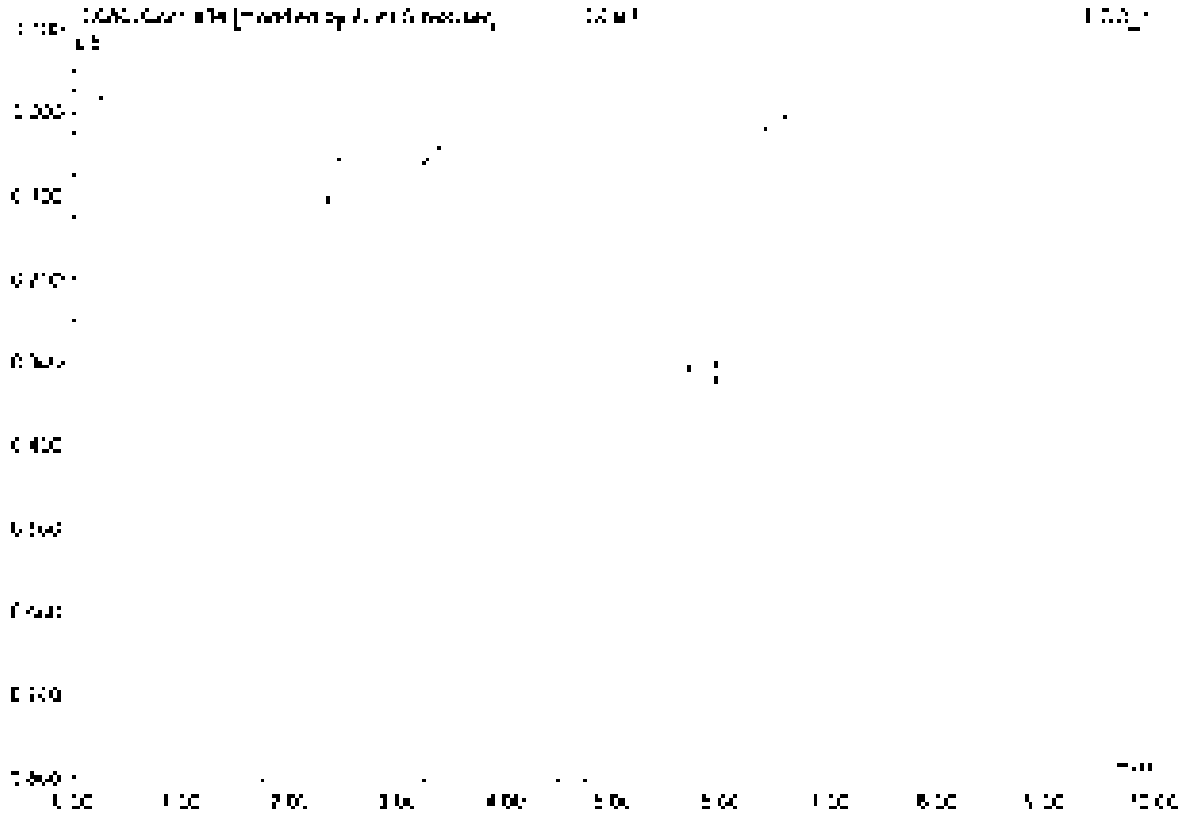
Sample Name	CCV3	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantit. Method	apa300	Dilution Factor	1.0000
Recording Time	7/2/2021 19:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.97	Fluoride	5 452	[illegible]	27.25	5 247	BMB
2	3.81	Chloride	7 155	0 838	17.25	4 843	BMB
3	4.39	Nitrite	5 599	0 880	18.72	2 474	BVB
4	5.02	Bromide	[illegible]	[illegible]	3.54	2 403	BVB
5	5.51	Nitrate	8 [illegible]	[illegible]	20.92	2 402	BVB
6	5.97	n.a.	0 042	0 007	0.16	n.a.	BMB
7	6.79	Sulfate	7 300	0 553	12.58	4 512	BMB
Total:			28 594	4 831	100.00	22 300	

34 CCB3

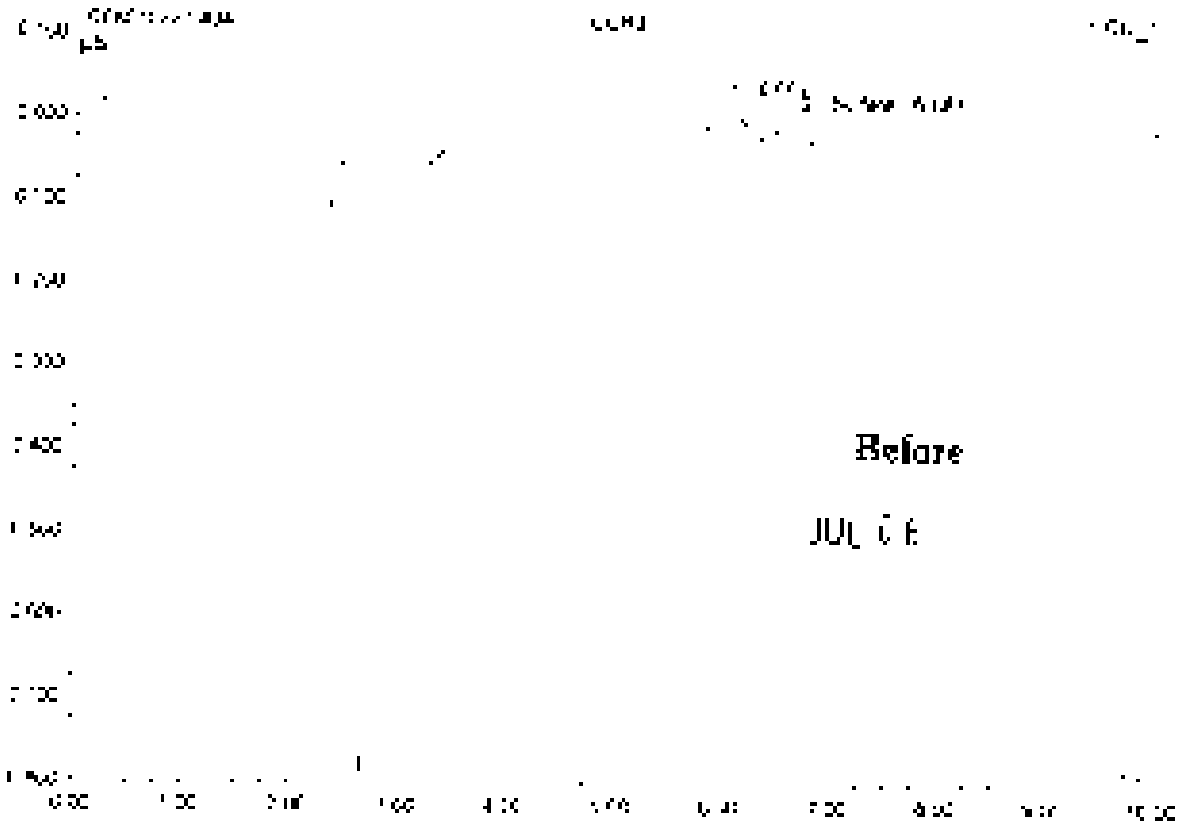
Sample Name	CCB3	Injection Volume	20.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant. Method	apa300	Dilution Factor	1.0000
Recovery Time	[illegible]/2021 19:49	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

34 CCB3

Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	7/2/2021 19:49	Sample Weight	1.0000
Ret. Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	6.21	n.a.	0.110	[illegible]	99.46	[illegible]	BV[illegible]
2	6.62	Sulfate	0.010	0.002	0.54	0.017	BV[illegible]
Total:			0.147	[illegible]	100.00	0.017	

Metals

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

Preparation Information Benchsheet

Prep Run	[illegible]	**Prep Workflow**	[illegible]	**Status**	Proposed	**Prep Date**	[illegible]
Team	Metals	**Prep Method**	EPA [illegible]	**Current Step**	Digestion	**Due Date**	[illegible]
Analyst	[illegible]	**Rush/NPDES**	N/A			**Hold Date**	[illegible]

[illegible]

24 Total Samples [illegible] 20 Client Samples, 2 Client QC Samples, 2 Blank QC Samples associated with the current Prep Run

Spiking Solutions

Name	Type	ID	Replaces	Name	Type	ID	Replaces
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	

Preparation Materials

Step	Name	ID	Step	Name	ID
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			

Preparation Hardware / Equipment

Step	Name	Property	Value	Step	Name	Property	Value
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]		[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]				

Preparation Steps

Step	Started	Finished	By	Assisted By	Approved	Comments
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Comments

Reviewer

[illegible]

Preparation Information Benchsheet

Prep Run.	[illegible]	**Prep Workflow**	[illegible]	**Status**	Draft	**Prep Date**	[illegible]
Team	[illegible]	**Prep Method**	EPA CLP [illegible]	**Current Step**	Digestion	**Due Date**	[illegible]
Analyst	[illegible]	**Bucket/NPDES**	N/A			**Hold Date**	[illegible]

[illegible]

[illegible] Total Samples consisting of [illegible] Client Samples, [illegible] QC Samples, 2 Batch QC Samples associated with the current Preparation

ICPMS LCSW AND SPIKING SOLUTIONS

5.0mL to 500mL Dilution of Inorganics Verified ICP-2 Cal 1
Lot# 11190 ICP-ICV-1

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Al	10000	100
Ba	10000	100
Co	2500	25
Mn	2500	25
Ni	2500	25
V	2500	25
Zn	2500	25
Cu	1250	12.5
Ag	1250	12.5
Cr	1000	10
Se	250	2.5

2.0mL to 100mL Dilution of 1000ppm Sb
Lot# 1ug/mL Sb

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Sb	1000	10

5.00mL to 500mL Dilution of Inorganics Verified ICP-ICV-3
Lot# 11190 ICP-ICV-3

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
As	5000	50
Pb	5000	50
Se	5000	50
Tl	5000	50
Cd	2500	25

2.5mL to 100mL Dilution of 1,000 ppm Mo and 1,000 ppm U
Lot# Mo/U 5ppm

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Mo	5000	25
U	5000	25

Service Request # K2107417, K2107120, K2107118, K2107119
Calibration: 072321CICPMS08
ALS LIMS Run# 732[illegible]
Pipette IDs: 16006318, 19070665, 18010244
Pipette Check Due: 08/19/21
Cal Std. MS28-33-I
ICV Std: MS28-32-B
LLICV Std: MS28-33-J
I.S Solution: MS27-100-E
Tune Std: MS28-3-A
ICSA: MS28-32-D
ICSAB: MS28-32-E

ICP-MS Data Review Form

		Yes	No	NA
1	Appropriate standardization completed	X		
2	ICV in control (+/- 10%)	X		
3	CCV s in control (+/- 10%)	X		
4	ICB/CCB s below MRL	X		
5	LLICV standard analyzed and in control	X		
6	ICS standards within 20% of true value			X
6	All analytes within instrument linear range	X		
7	Acequate rinse out time allowed	X		
8	Internal standards in control	X		
9.	Interferences checked	X		
10	Was the run terminated? If so, why		X	

See Benchsheet exception report for sample batch QC information.
Comments [illegible]

Prep Batches [illegible]

Primary Review by [illegible] Date [illegible]

Secondary Review by [illegible] Date [illegible]

Data Review Form

Instrument ID# K-ICP-MS-06

DataFile Name. R:\ICPMS\DATA\K-ICP-MS-06 (Agilent 7500)\072321C.csv

RUN NO. 732436

K2107118

No exceptions to report.

K2107119

No exceptions to report.

K2107120

No exceptions to report.

K2107417

No exceptions to report.

Primary Approver

Secondary Approver.

	Sample								
		Type	Data File	Acq. Date-Time	Type	Level	Sample Name	Comment	Vial No
1			001SMPL	2021 07 23 5 17 40 PM	Sample		[illegible]		2
2			002SMPL	2021 07 23 6 19 02 PM	Sample		[illegible]		1
3			003CALB	2021 07 23 6 20 24 PM	CalBlk		Blank		1
4			004CALS	2021 07 23 6 21 46 PM	CalStd	2	Std2		2
5			005 CV4	2021 07 23 6 23 08 PM	CV		CV		2101
6			006 CCV	2021 07 23 6 24 32 PM	CCV		CCV		2
7			007 [illegible]	2021 07 23 6 25 54 PM	[illegible]		[illegible]		1
8			008 CCB	2021 07 23 6 27 18 PM	CCB		CCB		1
9			009 CV 2	2021 07 23 6 28 41 PM	CV		CV		2102
10			010 CSA	2021 07 23 6 30 03 PM	CSA		[illegible]		2103
11			011 CSB	2021 07 23 6 31 25 PM	CSB		CSAB		2104
12			012SMPL	2021 07 23 6 32 47 PM	Sample		MDSTD		2105
13			013SMPL	2021 07 23 6 34 20 PM	Sample		K210741 002	0 10X	1402
14			014SMPL	2021 07 23 6 35 42 PM	Sample		K210741 003	0 10X	1403
15			015SMPL	2021 07 23 6 37 06 PM	Sample		K210741 019	0 10X	1404
16			016SMPL	2021 07 23 6 38 26 PM	Sample		K210741 020	0 10X	1405
17			017SMPL	2021 07 23 6 39 48 PM	Sample		K210741 007	10X	1406
18			018SMPL	2021 07 23 6 41 10 PM	Sample		K210741 008	10X	1407
19			019SMPL	2021 07 23 6 42 32 PM	Sample		K210741 015	10X	1408
20			020SMPL	2021 07 23 6 43 54 PM	Sample		K210741 016	10X	1409
21			021SMPL	2021 07 23 6 45 17 PM	Sample		K210741 019	10X	1410
22			022SMPL	2021 07 23 6 46 39 PM	Sample		K210741 020	10X	1411
23			023 CCV	2021 07 23 6 48 03 PM	CCV		CCV		2
24			024 CCB	2021 07 23 6 49 25 PM	CCB		CCB		1
25			025 [illegible]	2021 07 23 6 51 13 PM	CCB		CCB		1
26			026 CCV	2021 07 23 6 52 10 PM	CCV		CCVW		2102
27			027 [illegible]	2021 07 23 6 53 03 PM	[illegible]		CCVW 2A		2202
28			028SMPL	2021 07 23 6 55 56 PM	Sample		K210741 015	10X Total Metals S	1412
29			029SMPL	2021 07 23 6 56 44 PM	Sample		K210741 016	10X Total Metals S	1501
30			030SMPL	2021 07 23 6 58 07 PM	Sample		K210741 011	10X Dissolved Bal	1502
31			031SMPL	2021 07 23 6 59 32 PM	Sample		K210741 016	10X Dissolved Bal	1503
32			032 CCV	2021 07 23 7 04 25 PM	CCV		CCV		2
33			033 CCB	2021 07 23 7 06 15 PM	CCB		CCB		1
34			034 [illegible]	2021 07 23 7 08 12 PM	[illegible]		[illegible]		1504
35			035 [illegible]	2021 07 23 7 10 04 PM	[illegible]		[illegible]		1505
36			036 [illegible]	2021 07 23 7 11 58 PM	[illegible]		[illegible]		1506
37			037 [illegible]	2021 07 23 7 13 50 PM	Dup		[illegible]		1507
38			038SMPL	2021 07 23 7 15 42 PM	Sample		K210720 001L	5X	1508
39			039 [illegible]	2021 07 23 7 17 34 PM	[illegible]		K210720 001A	150ppb	1509
40			040 [illegible]	2021 07 23 7 19 25 PM	Spike		[illegible]		1510

	Sample								
	Type	Pos	Data File	Acq. Date-Time	Type	Level	Sample Name	Comment	Vial No.
41		1	041SMPL	2021 07 23 7 21 17 PM	Sample		K210 7 20 002		3201
42		1	042SMPL	2021 07 23 7 23 47 PM	Sample		K210 7 20 003		3202
43		1	043SMPL	2021 07 23 7 26 04 PM	Sample		K210 7 20 004		3203
44		1	044 CCV	2021 07 23 7 28 27 PM	CCV		CCV		2
45		1	045 CCB	2021 07 23 7 30 49 PM	CCB		CCB		1
46		1	046SMPL	2021 07 23 7 33 13 PM	Sample		K210 7 20 001	D	3102
47		1	047SMPL	2021 07 23 7 35 36 PM	Sample		K210 7 20 002	D	3103
48		1	048SMPL	2021 07 23 7 37 58 PM	Sample		K210 7 20 003	D	3104
49		1	049SMPL	2021 07 23 7 40 20 PM	Sample		K210 7 20 004	D	3105
50		1	050SMPL	2021 07 23 7 42 42 PM	Sample		K210 7 20 002	10X	3107
51		1	051SMPL	2021 07 23 7 45 04 PM	Sample		K210 7 20 002	D 10X	3108
52		1	052 CCV	2021 07 23 7 47 28 PM	CCV		CCV		2
53		1	053 CCB	2021 07 23 7 49 50 PM	CCB		CCB		1
54		1	054 CCV	2021 07 23 7 52 14 PM	LCCCVW		LCCCVW		2102
55		1	055 LCC	2021 07 23 7 54 37 PM	LCC		LCCCVW 2X		2202
56		1	056 PB 0	2021 07 23 7 57 00 PM	PB		K2211456 01		3100
57			057 FDS 0	2021 07 23 7 59 23 PM	FDS		K2211456 02		3101
58		1	058 AHK 2	2021 07 23 8 01 45 PM	AHK		K210 7 18 001	D	3111
59		1	059 Dup 0	2021 07 23 8 04 08 PM	Dup		K2211456 03	D	3112
60		1	060SMPL	2021 07 23 8 06 30 PM	Sample		K210 7 18 001	D 5X	3201
61		1	061 FDS 4	2021 07 23 8 08 52 PM	FDS		K210 7 18 001 4	D 4 500µL	3202
62		1	062 SPK 4	2021 07 23 8 11 14 PM	Spike		K2211456 04	D	3203
63		1	063SMPL	2021 07 23 8 13 37 PM	Sample		K210 7 18 002	D	3204
64		1	064SMPL	2021 07 23 8 15 59 PM	Sample		K210 7 18 003	D	3205
65		1	065SMPL	2021 07 23 8 18 21 PM	Sample		K210 7 18 004	D	3206
66		1	066 CCV	2021 07 23 8 20 43 PM	CCV		CCV		2
67		1	067 CCB	2021 07 23 8 23 05 PM	CCB		CCB		1
68		1	068SMPL	2021 07 23 8 25 28 PM	Sample		K210 7 18 005	D	3207
69		1	069SMPL	2021 07 23 8 27 51 PM	Sample		K210 7 18 006	D	3208
70		1	070SMPL	2021 07 23 8 30 13 PM	Sample		K210 7 18 007	D	3209
71		1	071SMPL	2021 07 23 8 32 36 PM	Sample		K210 7 18 008	D	3210
72		1	072SMPL	2021 07 23 8 34 58 PM	Sample		K210 7 18 009	D	3211
73		1	073SMPL	2021 07 23 8 37 20 PM	Sample		K210 7 18 010	D	3212
74		1	074SMPL	2021 07 23 8 39 42 PM	Sample		K210 7 18 001		3301
75		1	075SMPL	2021 07 23 8 42 04 PM	Sample		K210 7 18 002		3302
76		1	076SMPL	2021 07 23 8 44 26 PM	Sample		K210 7 18 003		3303
77		1	077SMPL	2021 07 23 8 46 48 PM	Sample		K210 7 18 004		3304
78		1	078 CCV	2021 07 23 8 49 11 PM	CCV		CCV		2
79		1	079 CCB	2021 07 23 8 51 33 PM	CCB		CCB		1
80		1	080SMPL	2021 07 23 8 53 57 PM	Sample		K210 7 18 005		3305

	Sample								
	Sel	Rpt	Data File	Acq Date-Time	Type	Level	Sample Name	Comment	Vial No
81	✓		0813SMPL	2021 07 23 8:54:19 PM	Sample		K210715-006		3306
82			0823SMPL	2021 07-23 8:54:41 PM	Sample		K210715-007		3307
83			0833SMPL	2021 07-23 9:01:03 PM	Sample		K210715-008		3308
84			0843SMPL	2021 07-23 9:03:25 PM	Sample		K210715-009		3309
85	✓		0853SMPL	2021 07-23 9:05:47 PM	Sample		K210715-010		3310
86			0863SMPL	2021 07-23 9:08:12 PM	Sample		K210715-004	LITHIX	3312
87			0873SMPL	2021 07-23 9:10:35 PM	Sample		K210715-005	LITHIX	3313
88			0883SMPL	2021 07-23 9:12:57 PM	Sample		K210715-004	ICP	3400
89			0893SMPL	2021 07-23 9:15:11 PM	Sample		K210715-006	ICP	3401
90			090 CCV	2021 07-23 9:17:42 PM	CCV		CCV		2
91			091 CCB	2021 07-23 9:20:08 PM	CCB		CCB		-
92			092LCCV	2021 07-23 9:22:27 PM	LLCCV		LLCCVW		2202
93			093 CCV	2021 07-23 9:24:51 PM	CCV		LLCCVW 2a		2202
94			094 PB 1	2021 07-23 9:27:15 PM	PB		K021145-01		3404
95			095 ICS 1	2021 07-23 9:29:37 PM	ICS		K021145-02		3405
96			096 AVG 1	2021 07-23 9:31:59 PM	AVG		K210715-001		3406
97			097 DUP 1	2021 07-23 9:34:21 PM	DUP		K021145-03		3407
98			098SMPL	2021 07-23 9:36:41 PM	Sample		K210715-001	5X	3408
99	✓		099 PDS 1	2021 07-23 9:39:05 PM	PDS		K210715-001A	4.500pc	3409
100	✓		100 SPK 1	2021 07-23 9:41:27 PM	Spike		K021145-04		3410
101	✓		101SMPL	2021 07-23 9:43:49 PM	Sample		K210715-002		3411
102			102SMPL	2021 07-23 9:46:11 PM	Sample		K210715-003		3412
103	✓		103SMPL	2021 07-23 9:48:35 PM	Sample		K210715-004		3413
104			104 CCV	2021 07-23 9:50:58 PM	CCV		CCV		2
105	✓		105 CCB	2021 07-23 9:53:20 PM	CCB		CCB		-
106			106 CCB	2021 07-23 9:55:42 PM	CCB		CCB		-
107			107SMPL	2021 07-23 9:58:07 PM	Sample		K210715-005		3507
108			108SMPL	2021 07-23 10:00:28 PM	Sample		K210715-006		3508
109			109SMPL	2021 07-23 10:02:50 PM	Sample		K210715-007		3509
110	✓		110SMPL	2021 07-23 10:05:12 PM	Sample		K210715-008		3510
111			111SMPL	2021 07-23 10:07:37 PM	Sample		K210715-009		3511
112	✓		112SMPL	2021 07-23 10:09:58 PM	Sample		K210715-010		3512
113			113SMPL	2021 07-23 10:12:22 PM	Sample		K210715-007	D	3513
114	✓		114SMPL	2021 07-23 10:14:44 PM	Sample		K210715-007	D	3514
115			115SMPL	2021 07-23 10:17:06 PM	Sample		K210715-009	D	3515
116	✓		116SMPL	2021 07-23 10:19:28 PM	Sample		K210715-004	D	3516
117			117 CCV	2021 07-23 10:21:51 PM	CCV		CCV		2
118			118 CCB	2021 07-23 10:24:15 PM	CCB		CCB		-
119			119SMPL	2021 07-23 10:26:38 PM	Sample		K210715-006	D	3517
120			120SMPL	2021 07-23 10:29:01 PM	Sample		K210715-006	D	3518

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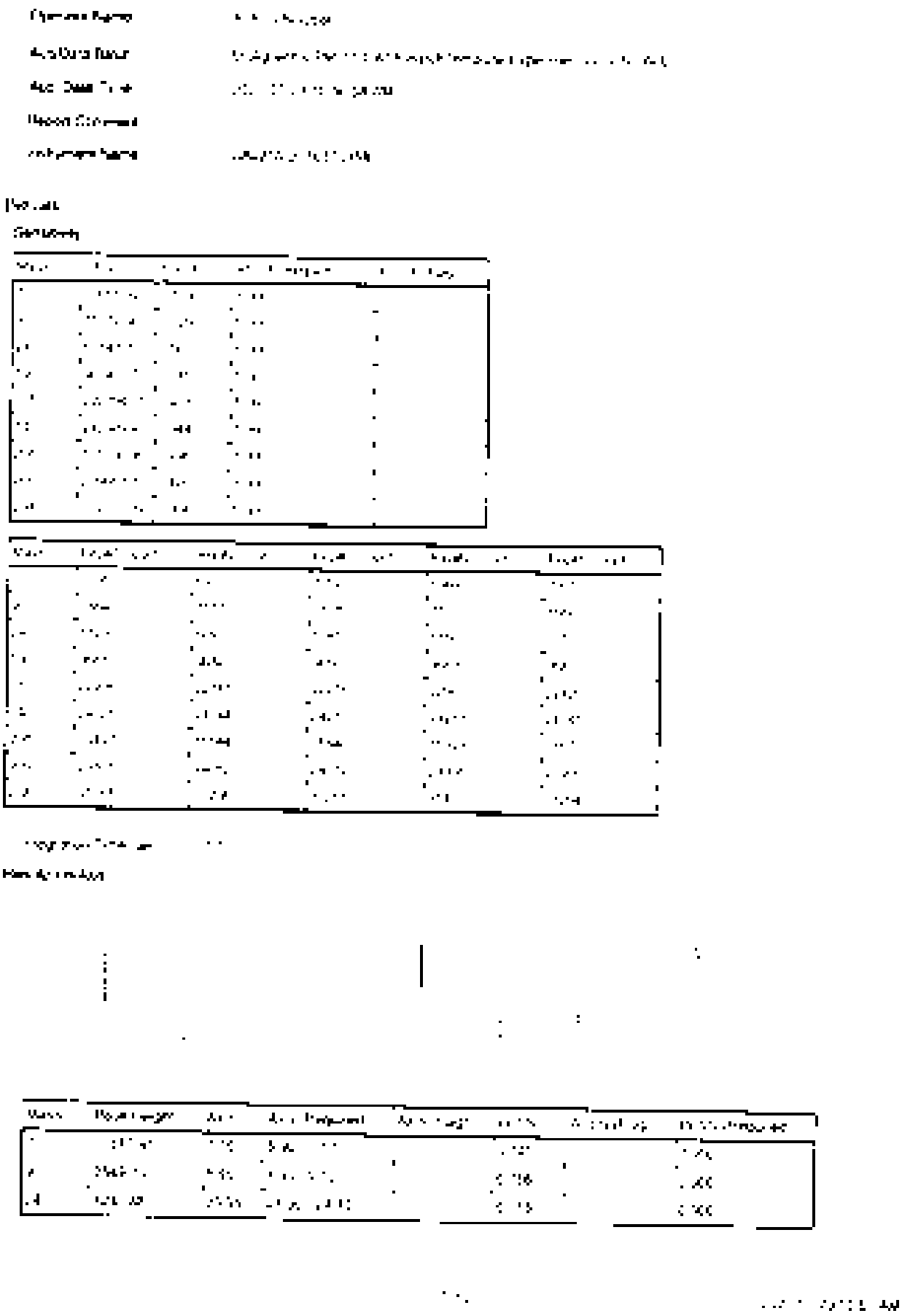
US EPA Tune Check Report



US EPA Tune Check Report

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Calibration Start Report

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Initial Calibration Verification (ICV) Report

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Continuing Calibration Verification (CCV) Report

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Initial Calibration Blank (ICB) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Initial Calibration Verification (LLICV) Report

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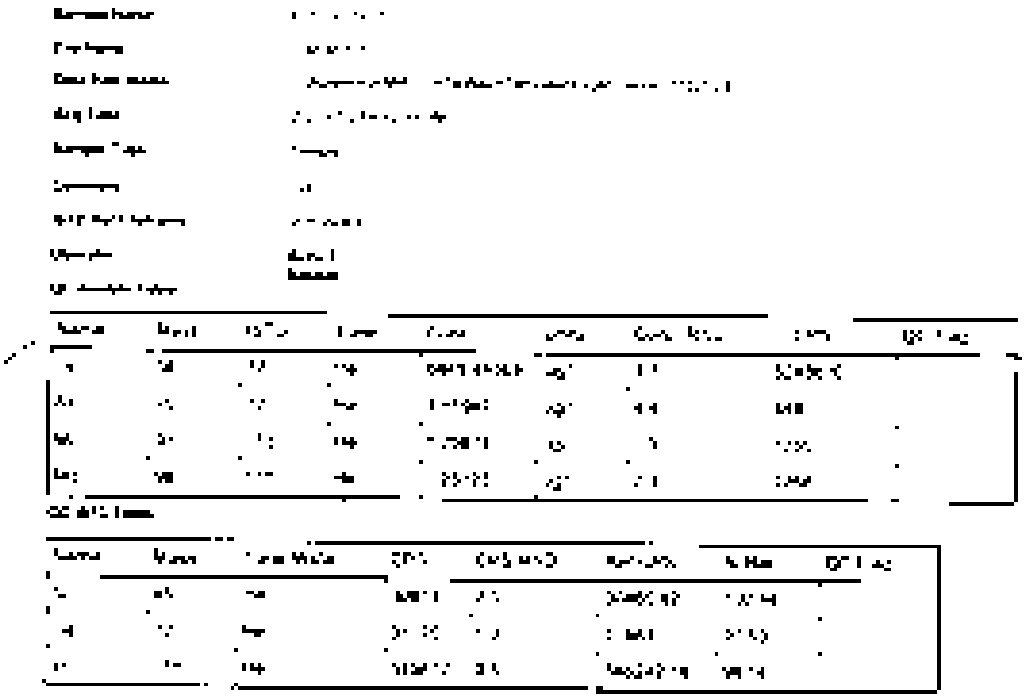

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Continuing Calibration Verification (CCV) Report

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Prep Bank (PB) Report

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Laboratory Control Sample (LCS) Report

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Reference Sample Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Summary Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

[illegible]

Compound	Rt	RRT	Response	Conc	Units	Conc. RSD	CPS	% Rec	QC Flag
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Compound	Rt	Response	CPS	Conc. RSD	Conc. Diff	% Rec	QC Flag
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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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Reference Sample Report

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Duplicate Sample Report

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Sample Report

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Post Digestion Spike Sample (PDS) Report

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Name	Value	Type	Conc	Conc	Conc	RSD	CPS	Spike Amt	% Rec	Flag
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Name	Value	Type Value	CPS	CPS RSD	Rel Int	% Rec	QC Flag
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Matrix Spike Sample (MS) Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Sample Report

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Sample Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

[illegible]

Name	Value	RT	Type Model	Conc.	Units	Type Model	Area	% Rec	QC Flag
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QC of IS Table

Name	Value	Type Model	Area	Area Ratio	Area (IS)	% Rec	QC Flag
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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Name	Weight	Type	Conc.	Units	Area Ratio	% Rec.	QC Flag
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Low Level Continuing Calibration Verification (LLCCV) Report

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Name	Mass	Vol.	Type	Conc.	Units	Conc. Mod.	LOD	% Rec	QC Flag
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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Duplicate Sample Report

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Sample Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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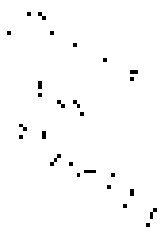

Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Service Request # K2107119 #2,4,8,10 Fe Dilutions.
K2107118 #10 Fe Dilution
Calibration. 080321AICPMS06
ALS LIMS Run# 733568
Pipette IDs: 16006318, 19070685, 18010244
Pipette Check Due: 08/19/21
Cal Std: MS28-39-B
ICV Std: MS28-18-A
LLICV Std: MS28-39-C
I S Solution: MS27-100-E
Tune Std: MS28-3-A

ICSA: MS28-37-D
ICSAB: MS28-37-E

ICP-MS Data Review Form

		Yes	No	NA
1.	Appropriate standardization completed	X		
2.	ICV in control (+/- 10%)	X		
3	CCV's in control (+/- 10%)	X		
4	ICB/CCB's below MRL	X		
5.	LLICV standard analyzed and in control	X		
6.	ICS standards within 20% of true value	X		
6	All analytes within instrument linear range	X		
7	Adequate rinse out time allowed	X		
8	Internal standards in control	X		
9	Interferences checked	X		
10	Was the run terminated? if so, why		X	

See Benchsheet exception report for sample batch QC information
Comments

Prep Batches 381843, 381842

Primary Review by [illegible] Date [illegible]

Secondary Review by [illegible] Date [illegible]

Data Review Form

Instrument ID#	K-ICP-MS-06
DataFile Name	R:\ICP\WIP\DATA\K-ICP-MS-06 (Agilent 7800)\080321A.csv
RUNNO	733568

K2107116

No exceptions to report.

K2107119

No exceptions to report.

Primary Approver _____ _____

Secondary Approver _____ _____

Page 1 of 1

Sample

	Type	Date File	Acq. Date Time	Type	Sample Name	Comment	Vial Number
1		001CALB	2021 08 03 12 02 24 P	CalBlk	PR MLK		2
2		002CALB	2021 08 03 12 03 39 P	CalBlk	5 NSL		1
3		003CALB	2021 08 03 12 04 55 P	CalBlk	Blank		1
4		004CALS	2021 08 03 12 06 11 P	CalStd	25ppb		2
5		005 ICV	2021-08-03 12 07 28 P	ICV	ICV		2101
6		006 ICV	2021 08 03 12 08 45 P	ICV	ICV		2
7		007 ICB	2021 08 03 12 10 02 P	ICB	ICB		1
8		008 ICB	2021 08 03 12 11 17 P	ICB	ICB		1
9		009LICV	2021 08 03 12 12 34 P	LICV	LICVW		2102
10		010CSA	2021 08 03 12 13 49 P	ICSA	ICSA		2103
11		011CSB	2021 08 03 12 15 03 P	ICSB	ICSB		2104
12		012SVPL	2021 08 03 12 16 17 P	Sample	MC STD		2105
13		013SVPL	2021 08 03 12 27 12 P	Sample	K210711 9 002	10X	1101
14		014SVPL	2021-08 03 12 28 26 P	Sample	K210711 9 003	DIL	1102
15		015SVPL	2021 08 03 12 29 43 P	Sample	K210711 9 004	10X	1103
16		016SVPL	2021 08 03 12 30 58 P	Sample	K210711 9 004	DIL	1104
17		017SVPL	2021 08 03 12 32 12 P	Sample	K210711 9 005	10X	1105
18		018SVPL	2021 08 03 12 33 27 P	Sample	K210711 9 010	10X	1106
19		019SVPL	2021 08 03 12 34 43 P	Sample	K210711 9 010	DIL	1108
20		020SVPL	2021 08 03 12 35 55 P	Sample	K210711 9 010 C1	10X	1109
21		021SVPL	2021 08 03 12 37 08 P	Sample	K210711 9 010 C2	DIL	1110
22		022SVPL	2021 08 03 12 38 22 P	Sample	K210711 9 010	10X	1111
23		023 CCV	2021 08 03 12 41 38 P	CCV	CCVW		2
24		024 CCB	2021 08 03 12 42 54 P	CCB	CCB		1
25		025 CCB	2021 08 03 12 44 10 P	CCB	CCB		1
26		026 LCV	2021 08 03 12 47 06 P	LCCV	LCCVW		2102
27		027 LCV	2021 08 03 12 48 45 P	LCCV	LCCVW		2102

Analyte

	Name	Mass	STD	Type Mode	Units	Replicates
1	Fe	56	22	nm	ug/l	3
2	Se	45		dap		3
3	Ge	72		hyp		3

US EPA Tune Check Report

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US EPA Tune Check Report

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Calibration Standard Report

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Initial Calibration Verification (ICV) Report

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Continuing Calibration Verification (CCV) Report

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Initial Calibration Blank (ICB) Report

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Low Level Initial Calibration Verification (LLICV) Report

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F : +1 360 636 1068
www.alsglobal.com

August 03, 2021

Analytical Report for Service Request No: K2107119

Jessica Goin
Anchor QEA, LLC
421 SW Sixth Ave.
Suite 750
Portland, OR 97204

RE: Grumman Road MNR

Dear Jessica,

Enclosed are the results of the sample(s) submitted to our laboratory June 18, 2021
For your reference, these analyses have been assigned our service request number **K2107119.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3376. You may also contact me via email at Mark.Harris@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Mark Harris
Project Manager

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Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Case Narrative

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Client: Anchor QEA, LLC
Project: Grumman Road MNR
Sample Matrix: Water

Service Request: K2107119
Date Received: 06/18/2021

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.

Sample Receipt:

Ten water samples were received for analysis at ALS Environmental on 06/18/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

General Chemistry:

Method 300.0, 07/06/2021: The duplicate matrix spike recovery of Chloride for sample GR_GWC_15_006 was outside control criteria. Recovery in the Laboratory Control Sample (LCS) was acceptable, which indicated the analytical batch was in control. The matrix spike outlier suggested a potential low bias in this matrix. No further corrective action was appropriate.

Approved by _____ Date 08/03/2021

Chain of Custody

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

ALS Environmental

CHAIN OF CUSTODY

Cooler Receipt and Preservation Form

Client [illegible] Service Request #[illegible]

Received [illegible] Opened [illegible] By [illegible] Unloaded [illegible] By [illegible]

1. Sample [illegible] USPS Fed Ex UPS DHL FDX Courier Hand Delivered
2. Sample [illegible] Ice Gel Blue Ice Dry Ice Other None
3. Was custody seal on cooler? Y N If yes, how many and where?
   If present, were they intact? Y N Were custody papers properly filled out (ink, signature, etc)? Y N
4. Was a temperature blank present in cooler? Y N If yes, record the temperature in the appropriate log. Temp blank temp:
   If no, record the temperature of representative sample bottles contained in the cooler in the appropriate log. Sample Temp:
5. Were samples received in a chilled condition? (within 0-6°C or as specified per analytical method) Y N
   If no, were they received on ice and collected the same day as received? (Note: Indicate in cooler receipt and notify the PM) Y N

Temperature readings: (circle one) Accepted Rejected Resampled

Temp Blank	Sample Temp	IR Gun	Cooler ID/COC ID (list)	Out of temp indicator yes/ N/A	Pull Notified if out of temp	Tracking Number	Initial	Time

6. Preservation: Acetate Reagent Bubble Wrap Gel Packs Dry Ice Other
7. Were custody papers properly filled out (ink, signature, etc)? Y N
8. Were samples received in proper containers? Y N
9. Were all sample labels complete (analysis, preservation, etc)? Y N
10. Did all sample labels agree with custody papers? Y N
11. Were appropriate bottles/containers and volumes received for the tests indicated? Y N
12. Were the pH-preserved bottles (see SOW) checked and appropriate pH? (Not to be checked for 624/8260) Y N
13. Were VOA vials free of visible bubbles (less than 6mm)? Y N
14. Were C Res required? Y N

Sample ID on Bottle	Sample ID on COC	Identified by:

Sample ID	Bottle Count Bottle Type	Head-space	Broke	pH	Reagent	Volume added	Reagent Lot Number	Initials	Time

Notes, Discrepancies, Resolutions

General Chemistry

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Collected:**	06/15/21
Sample Matrix:	Water	**Date Received:**	06/18/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Chloride

Sample Name	Lab Code	Result	MRL	MDL	Dil.	Date Analyzed	Q
GR_GWC_15_106	K2107119-001	**3.88**	0.20	0.02	2	07/06/21 14:37	
GR_GWC_15_206	K2107119-002	**4.00**	0.20	0.02	2	07/06/21 14:49	
GR_GWC_20_106	K2107119-003	**28**	20	2	200	07/08/21 23:29	
GR_GWC_20_206	K2107119-004	**31.5**	0.50	0.04	5	07/08/21 23:40	
GR_GWC_15_006	K2107119-005	**3.85**	0.20	0.02	2	07/06/21 15:24	
GR_GWC_20_006	K2107119-006	**30.6**	1.0	0.07	10	07/09/21 01:14	
GR_GWC_15_110	K2107119-007	**4.17**	0.20	0.02	2	07/09/21 01:37	
GR_GWC_15_210	K2107119-008	**4.10**	0.20	0.02	2	07/09/21 02:00	
GR_GWC_20_110	K2107119-009	**30.6**	1.0	0.07	10	07/09/21 02:23	
GR_GWC_20_210	K2107119-010	**31.8**	1.0	0.07	10	07/09/21 03:10	
Method Blank	K2107119-MB1	ND U	0.10	0.007	1	07/06/21 12:30	
Method Blank	K2107119-MB2	ND U	0.10	0.007	1	07/08/21 20:23	
Method Blank	K2107119-MB3	ND U	0.10	0.007	1	07/09/21 05:42	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project	Grumman Road MNR	**Date Collected:**	06/15/21
Sample Matrix:	Water	**Date Received:**	06/18/21
		Date Analyzed:	07/06/21

Replicate Sample Summary
General Chemistry Parameters

Sample Name:	GR_GWC_15_006	**Units:**	mg/L
Lab Code:	K2107119-005	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample K2107119-005DUP Result	Average	RPD	RPD Limit
Chloride	300.0	0.20	0.02	3.85	3.85	3.85	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Collected:**	06/15/21
Sample Matrix:	Water	**Date Received:**	06/18/21
		Date Analyzed:	07/6/21
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Chloride

Sample Name:	GR_GWC_15_006	**Units:**	mg/L
Lab Code:	K2107119-005	**Basis:**	NA
Analysis Method:	300.0		
Prep Method:	None		

		Matrix Spike K2107119-005MS			Duplicate Matrix Spike K2107119-005DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Chloride	3.85	11.1	8.00	91	10.5	8.00	83 *	90-110	6	20

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Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Analyzed:**	07/06/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Chloride

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	729987

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2107119-LCS1	4.80	5.00	96	90-110

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Analyzed:**	07/08/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Chloride

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	730476

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2107119-LCS2	4.80	5.00	96	90-110
Lab Control Sample	K2107119-LCS3	4.91	5.00	98	90-110

Client: Anchor QEA, LLC **Service Request:** K2107119
Project: Grumman Road MNR

Continuing Calibration Verification (CCV) Summary

Chloride

Analysis Method: 300.0 **Units:** mg/L

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	729987	KQ2112549-01	07/06/21 11:19	5.00	4.55	91	90-110
CCV2	729987	KQ2112549-02	07/06/21 16:31	5.00	4.80	96	90-110
CCV3	729987	KQ2112549-11	07/06/21 21:10	5.00	4.88	98	90-110
CCV4	730476	KQ2112751-01	07/08/21 19:48	5.00	4.81	96	90-110
CCV5	730476	KQ2112751-02	07/08/21 22:07	5.00	4.80	96	90-110
CCV6	730476	KQ2112751-03	07/09/21 00:27	5.00	4.81	96	90-110
CCV7	730476	KQ2112751-04	07/09/21 02:46	5.00	4.82	96	90-110
CCV8	730476	KQ2112751-05	07/09/21 05:06	5.00	4.81	96	90-110
CCV9	730476	KQ2112751-06	07/09/21 07:03	5.00	4.82	96	90-110
CCV10	730476	KQ2112751-07	07/09/21 09:11	5.00	4.84	97	90-110
CCV11	730476	KQ2112751-08	07/09/21 11:44	5.00	4.83	97	90-110
CCV12	730476	KQ2112751-09	07/09/21 15:24	5.00	4.81	96	90-110
CCV13	730476	KQ2112751-10	07/09/21 16:22	5.00	4.82	96	90-110
CCV14	730476	KQ2112751-11	07/09/21 09:23	5.00	4.83	97	90-110

Client: Anchor QEA, LLC **Service Request:**K2107119
Project: Grumman Road MNR

Continuing Calibration Blank (CCB) Summary
Chloride

Analysis Method: 300.0 **Units:**mg/L

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	729987	KQ2112549-05	07/06/21 11:30	0.10	0.007	ND	U
CCB2	729987	KQ2112549-06	07/06/21 16:43	0.10	0.007	ND	U
CCB3	729987	KQ2112549-08	07/06/21 21:22	0.10	0.007	ND	U
CCB4	730476	KQ2112751-12	07/08/21 20:00	0.10	0.007	ND	U
CCB5	730476	KQ2112751-13	07/08/21 22:19	0.10	0.007	ND	U
CCB6	730476	KQ2112751-14	07/09/21 00:38	0.10	0.007	ND	U
CCB7	730476	KQ2112751-15	07/09/21 02:58	0.10	0.007	ND	U
CCB8	730476	KQ2112751-16	07/09/21 05:18	0.10	0.007	ND	U
CCB9	730476	KQ2112751-17	07/09/21 07:15	0.10	0.007	ND	U
CCB10	730476	KQ2112751-18	07/09/21 09:34	0.10	0.007	ND	U
CCB11	730476	KQ2112751-19	07/09/21 11:57	0.10	0.007	ND	U
CCB12	730476	KQ2112751-20	07/09/21 15:35	0.10	0.007	ND	U
CCB13	730476	KQ2112751-21	07/09/21 16:34	0.10	0.007	ND	U

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Collected:**	06/15/21
Sample Matrix:	Water	**Date Received:**	06/18/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Sulfate

Sample Name	Lab Code	Result		MRL	MDL	Dil.	Date Analyzed	Q
GR_GWC_15_106	K2107119-001	**89.0**		4.0	0.4	20	07/08/21 22:31	
GR_GWC_15_206	K2107119-002	**423**		20	2	100	07/08/21 23:17	
GR_GWC_20_106	K2107119-003	**1050**		40	4	200	07/08/21 23:29	
GR_GWC_20_206	K2107119-004	**1940**		80	8	400	07/08/21 23:52	
GR_GWC_15_006	K2107119-005	**44.2**		2.0	0.2	10	07/09/21 00:03	
GR_GWC_20_006	K2107119-006	**1010**		40	4	200	07/09/21 13:28	
GR_GWC_15_110	K2107119-007	**87.3**		4.0	0.4	20	07/09/21 13:39	
GR_GWC_15_210	K2107119-008	**446**		20	2	100	07/09/21 14:26	
GR_GWC_20_110	K2107119-009	**1030**		40	4	200	07/09/21 14:37	
GR_GWC_20_210	K2107119-010	**1530**		80	8	400	07/09/21 11:09	
Method Blank	K2107119-MB1	**0.05**	**J**	0.20	0.02	1	07/08/21 20:23	
Method Blank	K2107119-MB2	**0.05**	**J**	0.20	0.02	1	07/09/21 05:42	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project	Grumman Road MNR	**Date Collected:**	06/15/21
Sample Matrix:	Water	**Date Received:**	06/18/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Replicate Sample Summary
Sulfate

Sample Name:	Lab Code:	MRL	MDL	Sample Result	Duplicate Result	Average	RPD	RPD Limit	Date Analyzed
GR_GWC_15_106	K2107119-001DUP	4.0	0.4	89.0	88.9	89.0	<1	20	07/08/21
GR_GWC_15_006	K2107119-005DUP	2.0	0.2	44.2	43.9	44.1	<1	20	07/09/21
GR_GWC_15_110	K2107119-007DUP	4.0	0.4	87.3	86.8	87.0	<1	20	07/09/21

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Collected:**	06/15/21
Sample Matrix:	Water	**Date Received:**	06/18/21
		Date Analyzed:	07/9/21
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Sulfate

Sample Name:	GR_GWC_15_110	**Units:**	mg/L
Lab Code:	K2107119-007	**Basis:**	NA
Analysis Method:	300.0		
Prep Method:	None		

		Matrix Spike K2107119-007MS			Duplicate Matrix Spike K2107119-007DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Sulfate	87.3	164	80.0	96	164	80.0	96	90-110	<1	20

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Collected:**	06/15/21
Sample Matrix:	Water	**Date Received:**	06/18/21
		Date Analyzed:	07/8/21
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Sulfate

Sample Name:	GR_GWC_15_106	**Units:**	mg/L
Lab Code:	K2107119-001	**Basis:**	NA
Analysis Method:	300.0		
Prep Method:	None		

		Matrix Spike K2107119-001MS			Duplicate Matrix Spike K2107119-001DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Sulfate	89.0	169	80.0	100	169	80.0	100	90-110	<1	20

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Collected:**	06/15/21
Sample Matrix:	Water	**Date Received:**	06/18/21
		Date Analyzed:	07/9/21
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Sulfate

Sample Name:	GR_GWC_15_006	**Units:**	mg/L
Lab Code:	K2107119-005	**Basis:**	NA
Analysis Method:	300.0		
Prep Method:	None		

		Matrix Spike K2107119-005MS			Duplicate Matrix Spike K2107119-005DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Sulfate	44.2	84.0	40.0	99	83.3	40.0	98	90-110	<1	20

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Analyzed:**	07/08/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Sulfate

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	730476

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2107119-LCS1	4.94	5.00	99	90-110
Lab Control Sample	K2107119-LCS2	5.05	5.00	101	90-110

Client: Anchor QEA, LLC **Service Request:** K2107119
Project: Grumman Road MNR

Continuing Calibration Verification (CCV) Summary

Sulfate

Analysis Method: 300.0 **Units:** mg/L

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	730476	KQ2112751-01	07/08/21 19:48	5.00	5.04	101	90-110
CCV2	730476	KQ2112751-02	07/08/21 22:07	5.00	5.46	109	90-110
CCV3	730476	KQ2112751-03	07/09/21 00:27	5.00	5.06	101	90-110
CCV4	730476	KQ2112751-05	07/09/21 05:06	5.00	5.09	102	90-110
CCV5	730476	KQ2112751-07	07/09/21 09:11	5.00	5.14	103	90-110
CCV6	730476	KQ2112751-08	07/09/21 11:44	5.00	4.97	99	90-110
CCV7	730476	KQ2112751-09	07/09/21 15:24	5.00	4.95	99	90-110
CCV8	730476	KQ2112751-10	07/09/21 16:22	5.00	4.95	99	90-110
CCV9	730476	KQ2112751-11	07/09/21 09:23	5.00	4.96	99	90-110

Client: Anchor QEA, LLC **Service Request:**K2107119
Project: Grumman Road MNR

Continuing Calibration Blank (CCB) Summary
Sulfate

Analysis Method: 300.0 **Units:**mg/L

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	730476	KQ2112751-12	07/08/21 20:00	0.20	0.02	0.05	J
CCB2	730476	KQ2112751-13	07/08/21 22:19	0.20	0.02	0.05	J
CCB3	730476	KQ2112751-14	07/09/21 00:38	0.20	0.02	0.05	J
CCB4	730476	KQ2112751-16	07/09/21 05:18	0.20	0.02	0.05	J
CCB5	730476	KQ2112751-18	07/09/21 09:34	0.20	0.02	0.05	J
CCB6	730476	KQ2112751-19	07/09/21 11:57	0.20	0.02	0.05	J
CCB7	730476	KQ2112751-20	07/09/21 15:35	0.20	0.02	0.06	J
CCB8	730476	KQ2112751-21	07/09/21 16:34	0.20	0.02	0.06	J

Metals

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 20:45
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_106	**Basis:**	NA
Lab Code:	K2107119-001		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**13.2**	ug/L	0.50	0.09	1	07/23/21 22:12	06/25/21	
Iron	6020A	**197**	ug/L	4.0	0.3	1	07/23/21 22:12	06/25/21	
Molybdenum	6020A	**86.8**	ug/L	0.10	0.03	1	07/23/21 22:12	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 20:45
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_106	**Basis:**	NA
Lab Code:	K2107119-001		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**166**	ug/L	0.50	0.09	1	07/23/21 21:31	06/25/21	
Iron	6020A	**13600**	ug/L	4.0	0.3	1	07/23/21 21:31	06/25/21	
Molybdenum	6020A	**93.1**	ug/L	0.10	0.03	1	07/23/21 21:31	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 20:50
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_206	**Basis:**	NA
Lab Code:	K2107119-002		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**2.30**	ug/L	0.50	0.09	1	07/23/21 22:14	06/25/21	
Iron	6020A	**102000**	ug/L	20	3	10	08/03/21 12:28	06/25/21	
Molybdenum	6020A	**7.61**	ug/L	0.10	0.03	1	07/23/21 22:14	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 20:50
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_206	**Basis:**	NA
Lab Code:	K2107119-002		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**12.8**	ug/L	0.50	0.09	1	07/23/21 21:43	06/25/21	
Iron	6020A	**107000**	ug/L	20	3	10	08/03/21 12:27	06/25/21	
Molybdenum	6020A	**14.9**	ug/L	0.10	0.03	1	07/23/21 21:43	06/25/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 21:00
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_106	**Basis:**	NA
Lab Code:	K2107119-003		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**13.8**	ug/L	0.50	0.09	1	07/23/21 22:17	06/25/21	
Iron	6020A	**6420**	ug/L	4.0	0.3	1	07/23/21 22:17	06/25/21	
Molybdenum	6020A	**507**	ug/L	0.10	0.03	1	07/23/21 22:17	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 21:00
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_106	**Basis:**	NA
Lab Code:	K2107119-003		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**145**	ug/L	0.50	0.09	1	07/23/21 21:46	06/25/21	
Iron	6020A	**12600**	ug/L	4.0	0.3	1	07/23/21 21:46	06/25/21	
Molybdenum	6020A	**531**	ug/L	0.10	0.03	1	07/23/21 21:46	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 21:10
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_206	**Basis:**	NA
Lab Code:	K2107119-004		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**0.22**	ug/L	0.50	0.09	1	07/23/21 22:19	06/25/21	J
Iron	6020A	**135000**	ug/L	20	3	10	08/03/21 12:30	06/25/21	
Molybdenum	6020A	**97.2**	ug/L	0.10	0.03	1	07/23/21 22:19	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 21:10
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_206	**Basis:**	NA
Lab Code:	K2107119-004		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**5.66**	ug/L	0.50	0.09	1	07/23/21 21:48	06/25/21	
Iron	6020A	**137000**	ug/L	20	3	10	08/03/21 12:29	06/25/21	
Molybdenum	6020A	**119**	ug/L	0.10	0.03	1	07/23/21 21:48	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 18:15
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_006	**Basis:**	NA
Lab Code:	K2107119-005		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**259**	ug/L	0.50	0.09	1	07/23/21 22:26	06/25/21	
Iron	6020A	**495**	ug/L	4.0	0.3	1	07/23/21 22:26	06/25/21	
Molybdenum	6020A	**98.7**	ug/L	0.10	0.03	1	07/23/21 22:26	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 18:15
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_006	**Basis:**	NA
Lab Code:	K2107119-005		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**260**	ug/L	0.50	0.09	1	07/23/21 21:58	06/25/21	
Iron	6020A	**518**	ug/L	4.0	0.3	1	07/23/21 21:58	06/25/21	
Molybdenum	6020A	**95.9**	ug/L	0.10	0.03	1	07/23/21 21:58	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 18:30
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_006	**Basis:**	NA
Lab Code:	K2107119-006		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**256**	ug/L	0.50	0.09	1	07/23/21 22:29	06/25/21	
Iron	6020A	**380**	ug/L	4.0	0.3	1	07/23/21 22:29	06/25/21	
Molybdenum	6020A	**567**	ug/L	0.10	0.03	1	07/23/21 22:29	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 18:30
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_006	**Basis:**	NA
Lab Code:	K2107119-006		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**258**	ug/L	0.50	0.09	1	07/23/21 22:00	06/25/21	
Iron	6020A	**381**	ug/L	4.0	0.3	1	07/23/21 22:00	06/25/21	
Molybdenum	6020A	**571**	ug/L	0.10	0.03	1	07/23/21 22:00	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 20:00
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_110	**Basis:**	NA
Lab Code:	K2107119-007		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**6.77**	ug/L	0.50	0.09	1	07/23/21 22:31	06/25/21	
Iron	6020A	**39.9**	ug/L	4.0	0.3	1	07/23/21 22:31	06/25/21	
Molybdenum	6020A	**96.5**	ug/L	0.10	0.03	1	07/23/21 22:31	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 20:00
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_110	**Basis:**	NA
Lab Code:	K2107119-007		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**160**	ug/L	0.50	0.09	1	07/23/21 22:02	06/25/21	
Iron	6020A	**14000**	ug/L	4.0	0.3	1	07/23/21 22:02	06/25/21	
Molybdenum	6020A	**99.2**	ug/L	0.10	0.03	1	07/23/21 22:02	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 20:15
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_210	**Basis:**	NA
Lab Code:	K2107119-008		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**3.52**	ug/L	0.50	0.09	1	07/23/21 22:33	06/25/21	
Iron	6020A	**39000**	ug/L	4.0	0.3	1	07/23/21 22:33	06/25/21	
Molybdenum	6020A	**0.11**	ug/L	0.10	0.03	1	07/23/21 22:33	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 20:15
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_210	**Basis:**	NA
Lab Code:	K2107119-008		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**220**	ug/L	0.50	0.09	1	07/23/21 22:05	06/25/21	
Iron	6020A	**219000**	ug/L	20	3	10	08/03/21 12:32	06/25/21	
Molybdenum	6020A	**89.1**	ug/L	0.10	0.03	1	07/23/21 22:05	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 20:25
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_110	**Basis:**	NA
Lab Code:	K2107119-009		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**2.42**	ug/L	0.50	0.09	1	07/23/21 22:36	06/25/21	
Iron	6020A	**29.2**	ug/L	4.0	0.3	1	07/23/21 22:36	06/25/21	
Molybdenum	6020A	**553**	ug/L	0.10	0.03	1	07/23/21 22:36	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 20:25
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_110	**Basis:**	NA
Lab Code:	K2107119-009		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**138**	ug/L	0.50	0.09	1	07/23/21 22:07	06/25/21	
Iron	6020A	**12300**	ug/L	4.0	0.3	1	07/23/21 22:07	06/25/21	
Molybdenum	6020A	**556**	ug/L	0.10	0.03	1	07/23/21 22:07	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 20:30
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_210	**Basis:**	NA
Lab Code:	K2107119-010		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**0.39**	ug/L	0.50	0.09	1	07/23/21 22:38	06/25/21	J
Iron	6020A	**108000**	ug/L	20	3	10	08/03/21 12:34	06/25/21	
Molybdenum	6020A	**0.65**	ug/L	0.10	0.03	1	07/23/21 22:38	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Collected:**	06/15/21 20:30
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_210	**Basis:**	NA
Lab Code:	K2107119-010		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**227**	ug/L	0.50	0.09	1	07/23/21 22:09	06/25/21	
Iron	6020A	**225000**	ug/L	20	3	10	08/03/21 12:33	06/25/21	
Molybdenum	6020A	**511**	ug/L	0.10	0.03	1	07/23/21 22:09	06/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2111457-01		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	0.50	0.09	1	07/23/21 21:27	06/25/21	
Iron	6020A	ND	U	ug/L	4.0	0.3	1	07/23/21 21:27	06/25/21	
Molybdenum	6020A	ND	U	ug/L	0.10	0.03	1	07/23/21 21:27	06/25/21	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project	Grumman Road MNR	**Date Collected:**	06/15/21
Sample Matrix:	Water	**Date Received:**	06/18/21
		Date Analyzed:	07/23/21

Replicate Sample Summary
Total Metals

Sample Name:	GR_GWC_15_106	**Units:**	ug/L
Lab Code:	K2107119-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2111457-03 Result	Average	RPD	RPD Limit
Arsenic	6020A	0.50	0.09	166	161	164	3	20
Iron	6020A	4.0	0.3	13600	13100	13400	4	20
Molybdenum	6020A	0.10	0.03	93.1	92.9	93.0	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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Superset Reference:

ALS Group USA, Corp.
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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Collected:**	06/15/21
Sample Matrix:	Water	**Date Received:**	06/18/21
		Date Analyzed:	07/23/21
		Date Extracted:	06/25/21

Matrix Spike Summary
Total Metals

Sample Name:	GR_GWC_15_106	**Units:**	ug/L
Lab Code:	K2107119-001	**Basis:**	NA
Analysis Method:	6020A		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2111457-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	166	217	50.0	102	75-125
Iron	13600	13400	50.0	-310 #	75-125
Molybdenum	93.1	121	25.0	113	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107119
Project:	Grumman Road MNR	**Date Analyzed:**	07/23/21
Sample Matrix:	Water		

Lab Control Sample Summary
Total Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2111457-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6020A	53.3	50.0	107	80-120
Iron	6020A	51.5	50.0	103	80-120
Molybdenum	6020A	26.6	25.0	106	80-120

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Prep Summary Report

Client: Anchor QEA, LLC **Service Request:** K2107119
Project: Grumman Road MNR
Sample Matrix: Water

Metals

Prep Method: EPA CLP ILM04.0 **Extraction Lot:** 381843
Analytical Method: 6020A **Extraction Date:** 06/25/21 13:20

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Amount	Percent Solids
GR_GWC_15_106	K2107119-001	6/15/21	6/18/21	10 mL	10 mL	
GR_GWC_15_206	K2107119-002	6/15/21	6/18/21	10 mL	10 mL	
GR_GWC_20_106	K2107119-003	6/15/21	6/18/21	10 mL	10 mL	
GR_GWC_20_206	K2107119-004	6/15/21	6/18/21	10 mL	10 mL	
GR_GWC_15_006	K2107119-005	6/15/21	6/18/21	10 mL	10 mL	
GR_GWC_20_006	K2107119-006	6/15/21	6/18/21	10 mL	10 mL	
GR_GWC_15_110	K2107119-007	6/15/21	6/18/21	10 mL	10 mL	
GR_GWC_15_210	K2107119-008	6/15/21	6/18/21	10 mL	10 mL	
GR_GWC_20_110	K2107119-009	6/15/21	6/18/21	10 mL	10 mL	
GR_GWC_20_210	K2107119-010	6/15/21	6/18/21	10 mL	10 mL	
GR_GWC_15_106	K2107119-001	6/15/21	6/18/21	10 mL	10 mL	
GR_GWC_15_206	K2107119-002	6/15/21	6/18/21	10 mL	10 mL	
GR_GWC_20_106	K2107119-003	6/15/21	6/18/21	10 mL	10 mL	
GR_GWC_20_206	K2107119-004	6/15/21	6/18/21	10 mL	10 mL	
GR_GWC_15_006	K2107119-005	6/15/21	6/18/21	10 mL	10 mL	
GR_GWC_20_006	K2107119-006	6/15/21	6/18/21	10 mL	10 mL	
GR_GWC_15_110	K2107119-007	6/15/21	6/18/21	10 mL	10 mL	
GR_GWC_15_210	K2107119-008	6/15/21	6/18/21	10 mL	10 mL	
GR_GWC_20_110	K2107119-009	6/15/21	6/18/21	10 mL	10 mL	
GR_GWC_20_210	K2107119-010	6/15/21	6/18/21	10 mL	10 mL	
Method Blank	KQ2111457-01MB	NA	NA	10 mL	10 mL	
Lab Control Sample	KQ2111457-02LCS	NA	NA	10 mL	10.3 mL	
Duplicate	KQ2111457-03DUP	6/15/21	6/18/21	10 mL	10 mL	
Matrix Spike	KQ2111457-04MS	6/15/21	6/18/21	10 mL	10.3 mL	

Client: Anchor QEA, LLC **Service Request:** K2107119
Project: Grumman Road MNR

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits
ICV 07/23/21 18:23						
Arsenic	6020A	732436	23.4	25.0	94	90-110
Iron	6020A	732436	47.8	50.0	96	90-110
Molybdenum	6020A	732436	24.3	25.0	97	90-110
CCV 07/23/21 18:24						
Arsenic	6020A	732436	25.0	25.0	100	90-110
Iron	6020A	732436	248	250	99	90-110
Molybdenum	6020A	732436	12.7	12.5	102	90-110
CCV 07/23/21 18:48						
Arsenic	6020A	732436	25.4	25.0	102	90-110
Iron	6020A	732436	253	250	101	90-110
Molybdenum	6020A	732436	12.7	12.5	102	90-110
CCV 07/23/21 19:04						
Arsenic	6020A	732436	24.7	25.0	99	90-110
Iron	6020A	732436	246	250	98	90-110
Molybdenum	6020A	732436	12.6	12.5	101	90-110
CCV 07/23/21 19:28						
Arsenic	6020A	732436	25.3	25.0	101	90-110
Iron	6020A	732436	247	250	99	90-110
Molybdenum	6020A	732436	13.1	12.5	105	90-110
CCV 07/23/21 19:47						
Arsenic	6020A	732436	25.9	25.0	104	90-110
Iron	6020A	732436	248	250	99	90-110
Molybdenum	6020A	732436	12.7	12.5	102	90-110
CCV 07/23/21 20:20						
Arsenic	6020A	732436	25.2	25.0	101	90-110
Iron	6020A	732436	260	250	104	90-110
Molybdenum	6020A	732436	12.7	12.5	101	90-110
CCV 07/23/21 20:49						
Arsenic	6020A	732436	26.1	25.0	104	90-110
Iron	6020A	732436	271	250	108	90-110
Molybdenum	6020A	732436	12.6	12.5	101	90-110
CCV 07/23/21 21:17						
Arsenic	6020A	732436	25.0	25.0	100	90-110
Iron	6020A	732436	249	250	99	90-110
Molybdenum	6020A	732436	12.7	12.5	102	90-110

Client: Anchor QEA, LLC **Service Request:** K2107119
Project: Grumman Road MNR

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits
CCV 07/23/21 21:50						
Arsenic	6020A	732436	25.1	25.0	100	90-110
Iron	6020A	732436	260	250	104	90-110
Molybdenum	6020A	732436	12.8	12.5	102	90-110
CCV 07/23/21 22:21						
Arsenic	6020A	732436	25.3	25.0	101	90-110
Iron	6020A	732436	269	250	107	90-110
Molybdenum	6020A	732436	12.6	12.5	101	90-110
CCV 07/23/21 22:40						
Arsenic	6020A	732436	24.5	25.0	98	90-110
Iron	6020A	732436	252	250	101	90-110
Molybdenum	6020A	732436	12.6	12.5	101	90-110
ICV 08/03/21 12:07						
Iron	6020A	733568	51.6	50.0	103	90-110
CCV 08/03/21 12:08						
Iron	6020A	733568	251	250	100	90-110
CCV 08/03/21 12:41						
Iron	6020A	733568	260	250	104	90-110

Client: Anchor QEA, LLC **Service Request:** K2107119
Project: Grumman Road MNR

INITIAL AND CONTINUING CALIBRATION BLANKS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	C
ICB 07/23/21 18:25				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	0.3	U
Molybdenum	6020A	732436	0.03	U
CCB 07/23/21 18:27				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	0.3	U
Molybdenum	6020A	732436	0.03	U
CCB 07/23/21 18:51				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	0.3	U
Molybdenum	6020A	732436	0.03	U
CCB 07/23/21 19:06				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	0.3	J
Molybdenum	6020A	732436	0.03	U
CCB 07/23/21 19:30				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	0.3	U
Molybdenum	6020A	732436	0.05	J
CCB 07/23/21 19:49				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	0.3	U
Molybdenum	6020A	732436	0.03	U
CCB 07/23/21 20:23				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	1.8	J
Molybdenum	6020A	732436	0.03	U
CCB 07/23/21 20:51				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	1.8	J
Molybdenum	6020A	732436	0.03	U
CCB 07/23/21 21:20				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	1.0	J
Molybdenum	6020A	732436	0.03	U

Client: Anchor QEA, LLC **Service Request:** K2107119
Project: Grumman Road MNR

INITIAL AND CONTINUING CALIBRATION BLANKS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	C
CCB 07/23/21 21:55				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	1.2	J
Molybdenum	6020A	732436	0.03	U
CCB 07/23/21 22:24				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	1.8	J
Molybdenum	6020A	732436	0.03	U
CCB 07/23/21 22:45				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	1.5	J
Molybdenum	6020A	732436	0.03	U
ICB 08/03/21 12:10				
Iron	6020A	733568	0.3	U
CCB 08/03/21 12:11				
Iron	6020A	733568	0.3	U
CCB 08/03/21 12:45				
Iron	6020A	733568	1.1	J

Client: Anchor QEA, LLC **Service Request:** K2107119
Project: Grumman Road MNR

LOW LEVEL INITIAL AND LOW LEVEL CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
LLICV							
Arsenic	6020A	732436	0.45	0.5	90	70-130	07/23/21 18:28
Iron	6020A	732436	2.1	2.0	103	70-130	07/23/21 18:28
Molybdenum	6020A	732436	0.076	0.1	76	70-130	07/23/21 18:28
LLCCV							
Arsenic	6020A	732436	0.48	0.5	96	70-130	07/23/21 18:53
Iron	6020A	732436	2.0	2.0	98	70-130	07/23/21 18:53
Molybdenum	6020A	732436	0.11	0.1	113	70-130	07/23/21 18:53
LLCCV							
Arsenic	6020A	732436	0.51	0.5	101	70-130	07/23/21 19:52
Iron	6020A	732436	2.2	2.0	109	70-130	07/23/21 19:52
Molybdenum	6020A	732436	0.11	0.1	107	70-130	07/23/21 19:52
LLCCV							
Arsenic	6020A	732436	0.53	0.5	107	70-130	07/23/21 21:22
Iron	6020A	732436	2.4	2.0	118	70-130	07/23/21 21:22
Molybdenum	6020A	732436	0.10	0.1	104	70-130	07/23/21 21:22
LLCCV							
Arsenic	6020A	732436	0.48	0.5	97	70-130	07/23/21 22:50
Molybdenum	6020A	732436	0.096	0.1	96	70-130	07/23/21 22:50
LLCCV							
Iron	6020A	732436	4.6	4.0	114	70-130	07/23/21 22:55
LLICV							
Iron	6020A	733568	2.1	2.0	105	70-130	08/03/21 12:12
LLCCV							
Iron	6020A	733568	2.6	2.0	129	70-130	08/03/21 12:49

Client: Anchor QEA, LLC **Service Request:** K2107119
Project: Grumman Road MNR

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSA **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Arsenic	6020A	732436	0.17	-	-	-	07/23/21 18:30
Iron	6020A	732436	46500	-	-	-	07/23/21 18:30
Molybdenum	6020A	732436	52.6	-	-	-	07/23/21 18:30

Client: Anchor QEA, LLC **Service Request:** K2107119
Project: Grumman Road MNR

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSAB **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Arsenic	6020A	732436	24.1	25.0	97	80-120	07/23/21 18:31
Iron	6020A	732436	47600	-	-	-	07/23/21 18:31
Molybdenum	6020A	732436	51.9	-	-	-	07/23/21 18:31

Client: Anchor QEA, LLC **Service Request:** K2107119
Project: Grumman Road MNR

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSA **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Iron	6020A	733568	47500	-	-	-	08/03/21 12:13

Client: Anchor QEA, LLC **Service Request:** K2107119
Project: Grumman Road MNR

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSAB **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Iron	6020A	733568	47000	-	-	-	08/03/21 12:15

Client: Anchor QEA, LLC **Service Request:** K2107119
Project: Grumman Road MNR

POST SPIKE SAMPLE RECOVERY

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Post Spike Result	True Value	% Rec	% Rec. Limits	Analysis Date
K2107119-001A								
Arsenic	6020A	732436	166	214	50.0	95	80-120	07/23/21 21:39
Iron	6020A	732436	13600	13400	50.0	-372 #	80-120	07/23/21 21:39
Molybdenum	6020A	732436	93.1	141	50.0	95	80-120	07/23/21 21:39

Results flagged with a pound (#) indicate the control criteria is not applicable.

Client: Anchor QEA, LLC **Service Request:** K2107119
Project: Grumman Road MNR

ICP SERIAL DILUTIONS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Serial Dillution Result	% Diff	% Diff. Limit	Analysis Date
K2107119-001SDL							
Arsenic	6020A	732436	166	165	1	10	07/23/21 21:36
Iron	6020A	732436	13600	13500	1	10	07/23/21 21:36
Molybdenum	6020A	732436	93.1	93.5	0	10	07/23/21 21:36

Client: Anchor QEA, LLC **Service Request:** K2107119
Project: Grumman Road MNR/

Detection Limits

Instrument: K-ICP-MS-06 **Matrix:** Water

Analyte	Mass	Units	MRL	MDL	Method
Arsenic	75	ug/L	0.5	0.09	6020A
Iron	56	ug/L	4	0.3	6020A
Molybdenum	95	ug/L	0.1	0.03	6020A

Client: Anchor QEA, LLC **Service Request:** K2107119
Project: Grumman Road MNR/

ICP Linear Range (Quarterly)

Instrument: K-ICP-MS-06

Analyte	Concentration (ug/L)	Method
Arsenic 75	4500	6020A
Iron 56	45000	6020A
Molybdenum 95	4500	6020A

Client: Anchor QEA, LLC **Service Request:** K2107119
Project: Grumman Road MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
ZZZZZZ	1	07/23/21 18:20			
ZZZZZZ	1	07/23/21 18:21			
ICV	1	07/23/21 18:23	X	X	X
CCV	1	07/23/21 18:24	X	X	X
ICB	1	07/23/21 18:25	X	X	X
CCB	1	07/23/21 18:27	X	X	X
LLICVW	1	07/23/21 18:28	X	X	X
ICSA	1	07/23/21 18:30	X	X	X
ICSAB	1	07/23/21 18:31	X	X	X
ZZZZZZ	1	07/23/21 18:32			
ZZZZZZ	10	07/23/21 18:34			
ZZZZZZ	10	07/23/21 18:35			
ZZZZZZ	10	07/23/21 18:37			
ZZZZZZ	10	07/23/21 18:38			
ZZZZZZ	10	07/23/21 18:39			
ZZZZZZ	10	07/23/21 18:41			
ZZZZZZ	10	07/23/21 18:42			
ZZZZZZ	10	07/23/21 18:43			
ZZZZZZ	10	07/23/21 18:45			
ZZZZZZ	10	07/23/21 18:46			
CCV	1	07/23/21 18:48	X	X	X
ZZZZZZ	1	07/23/21 18:49			
CCB	1	07/23/21 18:51	X	X	X
LLCCVW	1	07/23/21 18:53	X	X	X
ZZZZZZ	1	07/23/21 18:55			
ZZZZZZ	10	07/23/21 18:56			
ZZZZZZ	10	07/23/21 18:58			
ZZZZZZ	10	07/23/21 19:00			
ZZZZZZ	10	07/23/21 19:02			
CCV	1	07/23/21 19:04	X	X	X
CCB	1	07/23/21 19:06	X	X	X
ZZZZZZ	1	07/23/21 19:08			
ZZZZZZ	1	07/23/21 19:10			
ZZZZZZ	1	07/23/21 19:11			
ZZZZZZ	1	07/23/21 19:13			
ZZZZZZ	5	07/23/21 19:15			
ZZZZZZ	1	07/23/21 19:17			

Client: Anchor QEA, LLC **Service Request:** K2107119
Project: Grumman Road MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
ZZZZZZ	1	07/23/21 19:19			
ZZZZZZ	1	07/23/21 19:21			
ZZZZZZ	1	07/23/21 19:23			
ZZZZZZ	1	07/23/21 19:26			
CCV	1	07/23/21 19:28	X	X	X
CCB	1	07/23/21 19:30	X	X	X
ZZZZZZ	1	07/23/21 19:33			
ZZZZZZ	1	07/23/21 19:35			
ZZZZZZ	1	07/23/21 19:37			
ZZZZZZ	1	07/23/21 19:40			
ZZZZZZ	10	07/23/21 19:42			
ZZZZZZ	10	07/23/21 19:45			
CCV	1	07/23/21 19:47	X	X	X
CCB	1	07/23/21 19:49	X	X	X
LLCCVW	1	07/23/21 19:52	X	X	X
ZZZZZZ	1	07/23/21 19:54			
ZZZZZZ	1	07/23/21 19:57			
ZZZZZZ	1	07/23/21 19:59			
ZZZZZZ	1	07/23/21 20:01			
ZZZZZZ	1	07/23/21 20:04			
ZZZZZZ	5	07/23/21 20:06			
ZZZZZZ	1	07/23/21 20:08			
ZZZZZZ	1	07/23/21 20:11			
ZZZZZZ	1	07/23/21 20:13			
ZZZZZZ	1	07/23/21 20:15			
ZZZZZZ	1	07/23/21 20:18			
CCV	1	07/23/21 20:20	X	X	X
CCB	1	07/23/21 20:23	X	X	X
ZZZZZZ	1	07/23/21 20:25			
ZZZZZZ	1	07/23/21 20:27			
ZZZZZZ	1	07/23/21 20:30			
ZZZZZZ	1	07/23/21 20:32			
ZZZZZZ	1	07/23/21 20:34			
ZZZZZZ	1	07/23/21 20:37			
ZZZZZZ	1	07/23/21 20:39			
ZZZZZZ	1	07/23/21 20:42			
ZZZZZZ	1	07/23/21 20:44			

Client: Anchor QEA, LLC **Service Request:** K2107119
Project: Grumman Road MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
ZZZZZZ	1	07/23/21 20:46			
CCV	1	07/23/21 20:49	X	X	X
CCB	1	07/23/21 20:51	X	X	X
ZZZZZZ	1	07/23/21 20:53			
ZZZZZZ	1	07/23/21 20:56			
ZZZZZZ	1	07/23/21 20:58			
ZZZZZZ	1	07/23/21 21:01			
ZZZZZZ	1	07/23/21 21:03			
ZZZZZZ	1	07/23/21 21:05			
ZZZZZZ	10	07/23/21 21:08			
ZZZZZZ	10	07/23/21 21:10			
ZZZZZZ	10	07/23/21 21:12			
ZZZZZZ	10	07/23/21 21:15			
CCV	1	07/23/21 21:17	X	X	X
CCB	1	07/23/21 21:20	X	X	X
LLCCVW	1	07/23/21 21:22	X	X	X
ZZZZZZ	1	07/23/21 21:24			
KQ2111457-01MB	1	07/23/21 21:27	X	X	X
KQ2111457-02LCS	1	07/23/21 21:29	X	X	X
K2107119-001	1	07/23/21 21:31	X	X	X
K2107119-001DUP	1	07/23/21 21:34	X	X	X
K2107119-001SDL	5	07/23/21 21:36	X	X	X
K2107119-001PS	1	07/23/21 21:39	X	X	X
K2107119-001MS	1	07/23/21 21:41	X	X	X
K2107119-002.R01	1	07/23/21 21:43	X		X
K2107119-003	1	07/23/21 21:46	X	X	X
K2107119-004.R01	1	07/23/21 21:48	X		X
CCV	1	07/23/21 21:50	X	X	X
ZZZZZZ	1	07/23/21 21:53			
CCB	1	07/23/21 21:55	X	X	X
K2107119-005	1	07/23/21 21:58	X	X	X
K2107119-006	1	07/23/21 22:00	X	X	X
K2107119-007	1	07/23/21 22:02	X	X	X
K2107119-008.R01	1	07/23/21 22:05	X		X
K2107119-009	1	07/23/21 22:07	X	X	X
K2107119-010.R01	1	07/23/21 22:09	X		X
K2107119-001	1	07/23/21 22:12	X	X	X

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Anchor QEA, LLC **Service Request:** K2107119
Project: Grumman Road MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
K2107119-002.R01	1	07/23/21 22:14	X		X
K2107119-003	1	07/23/21 22:17	X	X	X
K2107119-004.R01	1	07/23/21 22:19	X		X
CCV	1	07/23/21 22:21	X	X	X
CCB	1	07/23/21 22:24	X	X	X
K2107119-005	1	07/23/21 22:26	X	X	X
K2107119-006	1	07/23/21 22:29	X	X	X
K2107119-007	1	07/23/21 22:31	X	X	X
K2107119-008	1	07/23/21 22:33	X	X	X
K2107119-009	1	07/23/21 22:36	X	X	X
K2107119-010.R01	1	07/23/21 22:38	X		X
CCV	1	07/23/21 22:40	X	X	X
ZZZZZZ	1	07/23/21 22:43			
CCB	1	07/23/21 22:45	X	X	X
ZZZZZZ	1	07/23/21 22:48			
LLCCVW	1	07/23/21 22:50	X		X
ZZZZZZ	1	07/23/21 22:52			
LLCCVW 2X	1	07/23/21 22:55		X	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Anchor QEA, LLC **Service Request:** K2107119
Project: Grumman Road MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **733568**

Sample	Dilution Factor	Date/Time	Fe
ZZZZZZ	1	08/03/21 12:04	
ZZZZZZ	1	08/03/21 12:06	
ICV	1	08/03/21 12:07	X
CCV	1	08/03/21 12:08	X
ICB	1	08/03/21 12:10	X
CCB	1	08/03/21 12:11	X
LLICVW	1	08/03/21 12:12	X
ICSA	1	08/03/21 12:13	X
ICSAB	1	08/03/21 12:15	X
ZZZZZZ	1	08/03/21 12:16	
K2107119-002	10	08/03/21 12:27	X
K2107119-002	10	08/03/21 12:28	X
K2107119-004	10	08/03/21 12:29	X
K2107119-004	10	08/03/21 12:30	X
K2107119-008	10	08/03/21 12:32	X
K2107119-010	10	08/03/21 12:33	X
K2107119-010	10	08/03/21 12:34	X
ZZZZZZ	10	08/03/21 12:35	
ZZZZZZ	10	08/03/21 12:37	
ZZZZZZ	10	08/03/21 12:40	
CCV	1	08/03/21 12:41	X
ZZZZZZ	1	08/03/21 12:42	
CCB	1	08/03/21 12:45	X
ZZZZZZ	1	08/03/21 12:47	
LLCCVW	1	08/03/21 12:49	X

Client: Anchor QEA, LLC **Service Request:** K2107119
Project: Grumman Road MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Date/Time	Ge72He	In115He
ZZZZZZ	07/23/21 18:20		
ZZZZZZ	07/23/21 18:21		
ICV	07/23/21 18:23	102	100
CCV	07/23/21 18:24	98	99
ICB	07/23/21 18:25	101	100
CCB	07/23/21 18:27	98	100
LLICVW	07/23/21 18:28	99	100
ICSA	07/23/21 18:30	95	93
ICSAB	07/23/21 18:31	91	94
ZZZZZZ	07/23/21 18:32		
ZZZZZZ	07/23/21 18:34		
ZZZZZZ	07/23/21 18:35		
ZZZZZZ	07/23/21 18:37		
ZZZZZZ	07/23/21 18:38		
ZZZZZZ	07/23/21 18:39		
ZZZZZZ	07/23/21 18:41		
ZZZZZZ	07/23/21 18:42		
ZZZZZZ	07/23/21 18:43		
ZZZZZZ	07/23/21 18:45		
ZZZZZZ	07/23/21 18:46		
CCV	07/23/21 18:48	98	100
ZZZZZZ	07/23/21 18:49		
CCB	07/23/21 18:51	99	100
LLCCVW	07/23/21 18:53	102	100
ZZZZZZ	07/23/21 18:55		
ZZZZZZ	07/23/21 18:56		
ZZZZZZ	07/23/21 18:58		
ZZZZZZ	07/23/21 19:00		
ZZZZZZ	07/23/21 19:02		
CCV	07/23/21 19:04	102	100
CCB	07/23/21 19:06	98	99
ZZZZZZ	07/23/21 19:08		
ZZZZZZ	07/23/21 19:10		
ZZZZZZ	07/23/21 19:11		
ZZZZZZ	07/23/21 19:13		
ZZZZZZ	07/23/21 19:15		
ZZZZZZ	07/23/21 19:17		

Client: Anchor QEA, LLC **Service Request:** K2107119
Project: Grumman Road MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Date/Time	Ge72He	In115He
ZZZZZZ	07/23/21 19:19		
ZZZZZZ	07/23/21 19:21		
ZZZZZZ	07/23/21 19:23		
ZZZZZZ	07/23/21 19:26		
CCV	07/23/21 19:28	102	102
CCB	07/23/21 19:30	99	99
ZZZZZZ	07/23/21 19:33		
ZZZZZZ	07/23/21 19:35		
ZZZZZZ	07/23/21 19:37		
ZZZZZZ	07/23/21 19:40		
ZZZZZZ	07/23/21 19:42		
ZZZZZZ	07/23/21 19:45		
CCV	07/23/21 19:47	97	99
CCB	07/23/21 19:49	96	99
LLCCVW	07/23/21 19:52	98	100
ZZZZZZ	07/23/21 19:54		
ZZZZZZ	07/23/21 19:57		
ZZZZZZ	07/23/21 19:59		
ZZZZZZ	07/23/21 20:01		
ZZZZZZ	07/23/21 20:04		
ZZZZZZ	07/23/21 20:06		
ZZZZZZ	07/23/21 20:08		
ZZZZZZ	07/23/21 20:11		
ZZZZZZ	07/23/21 20:13		
ZZZZZZ	07/23/21 20:15		
ZZZZZZ	07/23/21 20:18		
CCV	07/23/21 20:20	91	94
CCB	07/23/21 20:23	93	95
ZZZZZZ	07/23/21 20:25		
ZZZZZZ	07/23/21 20:27		
ZZZZZZ	07/23/21 20:30		
ZZZZZZ	07/23/21 20:32		
ZZZZZZ	07/23/21 20:34		
ZZZZZZ	07/23/21 20:37		
ZZZZZZ	07/23/21 20:39		
ZZZZZZ	07/23/21 20:42		
ZZZZZZ	07/23/21 20:44		

Client: Anchor QEA, LLC **Service Request:** K2107119
Project: Grumman Road MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Date/Time	Ge72He	In115He
ZZZZZZ	07/23/21 20:46		
CCV	07/23/21 20:49	90	95
CCB	07/23/21 20:51	93	95
ZZZZZZ	07/23/21 20:53		
ZZZZZZ	07/23/21 20:56		
ZZZZZZ	07/23/21 20:58		
ZZZZZZ	07/23/21 21:01		
ZZZZZZ	07/23/21 21:03		
ZZZZZZ	07/23/21 21:05		
ZZZZZZ	07/23/21 21:08		
ZZZZZZ	07/23/21 21:10		
ZZZZZZ	07/23/21 21:12		
ZZZZZZ	07/23/21 21:15		
CCV	07/23/21 21:17	94	97
CCB	07/23/21 21:20	95	97
LLCCVW	07/23/21 21:22	92	96
ZZZZZZ	07/23/21 21:24		
KQ2111457-01MB	07/23/21 21:27	94	95
KQ2111457-02LCS	07/23/21 21:29	89	94
K2107119-001	07/23/21 21:31	90	92
K2107119-001DUP	07/23/21 21:34	90	91
K2107119-001SDL	07/23/21 21:36	92	93
K2107119-001PS	07/23/21 21:39	89	92
K2107119-001MS	07/23/21 21:41	91	92
K2107119-002.R01	07/23/21 21:43	85	89
K2107119-003	07/23/21 21:46	85	87
K2107119-004.R01	07/23/21 21:48	85	86
CCV	07/23/21 21:50	95	96
ZZZZZZ	07/23/21 21:53		
CCB	07/23/21 21:55	91	94
K2107119-005	07/23/21 21:58	90	94
K2107119-006	07/23/21 22:00	89	90
K2107119-007	07/23/21 22:02	89	92
K2107119-008.R01	07/23/21 22:05	86	89
K2107119-009	07/23/21 22:07	84	87
K2107119-010.R01	07/23/21 22:09	86	86
K2107119-001	07/23/21 22:12	94	95

Client: Anchor QEA, LLC **Service Request:** K2107119
Project: Grumman Road MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Date/Time	Ge72He	In115He
K2107119-002.R01	07/23/21 22:14	88	91
K2107119-003	07/23/21 22:17	87	89
K2107119-004.R01	07/23/21 22:19	86	87
CCV	07/23/21 22:21	95	98
CCB	07/23/21 22:24	96	97
K2107119-005	07/23/21 22:26	93	95
K2107119-006	07/23/21 22:29	89	90
K2107119-007	07/23/21 22:31	97	95
K2107119-008	07/23/21 22:33	89	91
K2107119-009	07/23/21 22:36	86	88
K2107119-010.R01	07/23/21 22:38	88	89
CCV	07/23/21 22:40	97	98
ZZZZZZ	07/23/21 22:43		
CCB	07/23/21 22:45	95	97
ZZZZZZ	07/23/21 22:48		
LLCCVW	07/23/21 22:50	93	97
ZZZZZZ	07/23/21 22:52		
LLCCVW 2X	07/23/21 22:55	93	95

Client: Anchor QEA, LLC **Service Request:** K2107119
Project: Grumman Road MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **733568**

Sample	Date/Time	Ge72He
ZZZZZZ	08/03/21 12:04	
ZZZZZZ	08/03/21 12:06	
ICV	08/03/21 12:07	97
CCV	08/03/21 12:08	99
ICB	08/03/21 12:10	97
CCB	08/03/21 12:11	100
LLICVW	08/03/21 12:12	100
ICSA	08/03/21 12:13	94
ICSAB	08/03/21 12:15	91
ZZZZZZ	08/03/21 12:16	
K2107119-002	08/03/21 12:27	86
K2107119-002	08/03/21 12:28	81
K2107119-004	08/03/21 12:29	81
K2107119-004	08/03/21 12:30	82
K2107119-008	08/03/21 12:32	85
K2107119-010	08/03/21 12:33	79
K2107119-010	08/03/21 12:34	82
ZZZZZZ	08/03/21 12:35	
ZZZZZZ	08/03/21 12:37	
ZZZZZZ	08/03/21 12:40	
CCV	08/03/21 12:41	91
ZZZZZZ	08/03/21 12:42	
CCB	08/03/21 12:45	94
ZZZZZZ	08/03/21 12:47	
LLCCVW	08/03/21 12:49	95

Raw Data

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

General Chemistry

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

Yes No N/A

Comments

1. [illegible]

2. [illegible]

3. [illegible]
   a. [illegible]
4. [illegible]

5. [illegible]

   a. [illegible]
   b. [illegible]
   c. [illegible]
   d. [illegible]
   e. [illegible]

6. [illegible]

GAS Standard Identifiers Codes and Acceptance Criteria for Chromatograms

G1: Sample [illegible] recommended [illegible]
G2: Sample [illegible] recommended [illegible]
G3: [illegible]
G4: [illegible]
1. [illegible]
2. Sample [illegible]

LLS	ALS [illegible] GEN 02	30P	[illegible]
Fluoride	True Value-1.0ppm	[illegible]	
Chloride	True Value-5.0ppm	[illegible]	
Nitrite	True Value-2.0ppm	[illegible]	
Bromide	True Value-4.0ppm	[illegible]	
Nitrate	True Value-2.0ppm	[illegible]	
Sulfate	True Value-5.0ppm	[illegible]	

CCV	ALS [illegible] GEN 02	30	[illegible]
Fluoride	True Value-1.0ppm	[illegible]	
Chloride	True Value-5.0ppm	[illegible]	
Nitrite	True Value-2.0ppm	[illegible]	
Bromide	True Value-4.0ppm	[illegible]	[illegible]
Nitrate	True Value-2.0ppm	[illegible]	
Sulfate	True Value-5.0ppm	[illegible]	

Blank			
20.0ppm	ALS [illegible] GEN 02	30J	[illegible]
Fluoride	[illegible]		
Chloride	[illegible]		
Nitrite	[illegible]		
Bromide	[illegible]		[illegible]
Nitrate	[illegible]		
Sulfate	[illegible]		

Spikes	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Analyst [illegible] Date [illegible]

Peer Review [illegible] Date [illegible]

Final Review [illegible] Date [illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Testcode: [illegible]

Lab Code	Target Analyte	DL	Report Comment	Matrix	Raw Result	Sample Amt	Final Result	DU	MDL	PQL	% Rec	% RSD	Date Analyzed	MRL	Flag
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method-Testcode: [illegible]

Lab Code	Target Analyte	DF	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	RL	MDL	PQL	% Rec	% RSD	Date Analyzed	Qual	Amt
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Sequence: [illegible]
Operator: [illegible]

Type: [illegible]
Instrument: [illegible]
Location: [illegible]
Timebase: [illegible]
#Samples: [illegible]

Finished: [illegible] by [illegible]
Last Update: [illegible] by [illegible]

No.	Name	Type	Vial	Inj. No.	Program	Method	Status	Date/Time
1	[illegible]	Standard	1	25.0	[illegible]	[illegible]	Finished	[illegible]
2	[illegible]	Standard	2	25.0	[illegible]	[illegible]	Finished	[illegible]
3	[illegible]	Standard	3	25.0	[illegible]	[illegible]	Finished	[illegible]
4	[illegible]	Standard	4	25.0	[illegible]	[illegible]	Finished	[illegible]
5	[illegible]	Standard	5	25.0	[illegible]	[illegible]	Finished	[illegible]
6	[illegible]	Standard	6	25.0	[illegible]	[illegible]	Finished	[illegible]
7	[illegible]	Standard	7	25.0	[illegible]	[illegible]	Finished	[illegible]
8	[illegible]	Standard	8	25.0	[illegible]	[illegible]	Finished	[illegible]
9	[illegible]	Unknown	48	25.0	[illegible]	[illegible]	Finished	[illegible]
10	[illegible]	Unknown	47	25.0	[illegible]	[illegible]	Finished	[illegible]
11	[illegible]	Unknown	2	25.0	[illegible]	[illegible]	Finished	[illegible]
12	[illegible]	Unknown	3	25.0	[illegible]	[illegible]	Finished	[illegible]
13	[illegible]	Unknown	3	25.0	[illegible]	[illegible]	Finished	[illegible]
14	[illegible]	Unknown	4	25.0	[illegible]	[illegible]	Finished	[illegible]
15	[illegible]	Unknown	5	25.0	[illegible]	[illegible]	Finished	[illegible]
16	[illegible]	Unknown	5	25.0	[illegible]	[illegible]	Finished	[illegible]
17	[illegible]	Unknown	7	25.0	[illegible]	[illegible]	Finished	[illegible]
18	[illegible]	Unknown	8	25.0	[illegible]	[illegible]	Finished	[illegible]
19	[illegible]	Unknown	9	25.0	[illegible]	[illegible]	Finished	[illegible]
20	[illegible]	Unknown	10	25.0	[illegible]	[illegible]	Finished	[illegible]
21	[illegible]	Unknown	50	25.0	[illegible]	[illegible]	Finished	[illegible]
22	[illegible]	Unknown	49	25.0	[illegible]	[illegible]	Finished	[illegible]
23	[illegible]	Unknown	50	25.0	[illegible]	[illegible]	Finished	[illegible]
24	[illegible]	Unknown	11	25.0	[illegible]	[illegible]	Finished	[illegible]
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26	[illegible]	Unknown	13	25.0	[illegible]	[illegible]	Finished	[illegible]
27	[illegible]	Unknown	14	25.0	[illegible]	[illegible]	Finished	[illegible]
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36	[illegible]	Unknown	20	25.0	[illegible]	[illegible]	Finished	[illegible]
37	[illegible]	Unknown	21	25.0	[illegible]	[illegible]	Finished	[illegible]
38	[illegible]	Unknown	22	25.0	[illegible]	[illegible]	Finished	[illegible]
39	[illegible]	Unknown	23	25.0	[illegible]	[illegible]	Finished	[illegible]
40	[illegible]	Unknown	24	25.0	[illegible]	[illegible]	Finished	[illegible]
41	[illegible]	Unknown	25	25.0	[illegible]	[illegible]	Finished	[illegible]
42	[illegible]	Unknown	26	25.0	[illegible]	[illegible]	Finished	[illegible]

Sample ID	[illegible]		Page [illegible]
Operator	ALEKS Nielsen		Printed [illegible]
Site			
Description	ACCUPRIC [illegible]		
Location	[illegible]		
Instrument	[illegible]	Location	[illegible] AM by ALEKS Nielsen
#Samples	[illegible]	Last calibrated	[illegible] AM by ALEKS Nielsen

No.	Name	Conc.	Factor	Comment
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3	[illegible]	[illegible]	[illegible]	
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7	[illegible]	[illegible]	[illegible]	
8	[illegible]	[illegible]	[illegible]	
9	[illegible]	[illegible]		
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11	[illegible]	[illegible]		
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14	[illegible]	[illegible]		
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21	[illegible]	[illegible]		
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25	[illegible]	[illegible]		
26	[illegible]	[illegible]		
27	[illegible]	[illegible]		
28	[illegible]	[illegible]		
29	[illegible]	[illegible]		
30	[illegible]	[illegible]		
31	[illegible]	[illegible]		
32	[illegible]	[illegible]		
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37	[illegible]	[illegible]		
38	[illegible]	[illegible]		
39	[illegible]	[illegible]		
40	[illegible]	[illegible]		
41	[illegible]	[illegible]		
42	[illegible]	[illegible]		

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No.	Name	Type	Size	[illegible]	Vs.	Program	Method	Status	[illegible] Date/Time
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

File
Distinguishing [illegible]
Location [illegible]
Type [illegible] Created [illegible]
Attempts [illegible] Last Update [illegible]

No	Name	[illegible]	Factor	Comment
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[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	

[illegible]

Service Required	Conditions/Tests	Tests	Test OK	Bad OK	Signature	Done

[illegible] INC.

Ion Chromatographic Calibration Data

Sequence: [illegible]

Date: [illegible]

Anion	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Corr.Coeff.	Slope	Residuals
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9977	0.2511	
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9302	0.1731	
NO2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9674	0.3559	
Br	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.99	0.0709	
NO3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9291	0.4207	
SO4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9937	0.1232	
									99.9679	0.1744	

[illegible]

Average Peak Properties

No.	Peak Name	Cal.Type	#Points	Rel Std.Dev. %	Corr.Coeff. %	Offset	Slope	Curve
1	Fluoride	Lin	8	0.6159	99.0977	0	0.2511	0
2	Chloride	Lin	8	3.1395	99.9202	0	0.1731	0
3	Nitrite	Lin	8	2.1363	99.9674	0	0.3559	0
4	Bromide	Lin	8	1.1723	99.99	0	0.0709	0
5	Nitrate	Lin	8	3.1594	99.9291	0	0.4207	0
6	Sulfate	Lin	8	0.9233	99.9937	0	0.1232	0
Average.			6	1.6575	99.9679	0	0.1744	0

	0.5mL			1.0mL		10.100 µL Loop
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

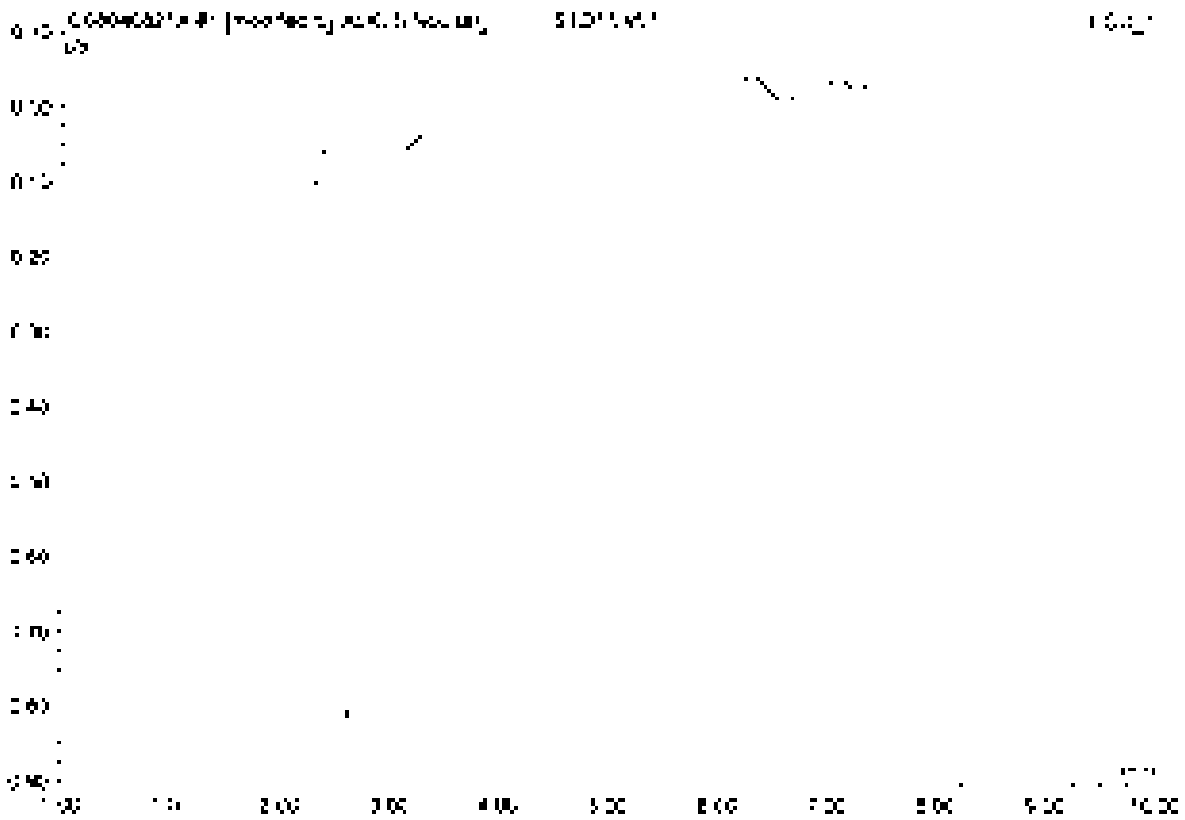
[illegible] 100mL

	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	STD2	STD3	STD4	STD5	STD6	STD7	STD8	STD9
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SO4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Br	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

1 STD1/LVL1

DI

Sample Name	STD1/LVL1	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 13:04	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

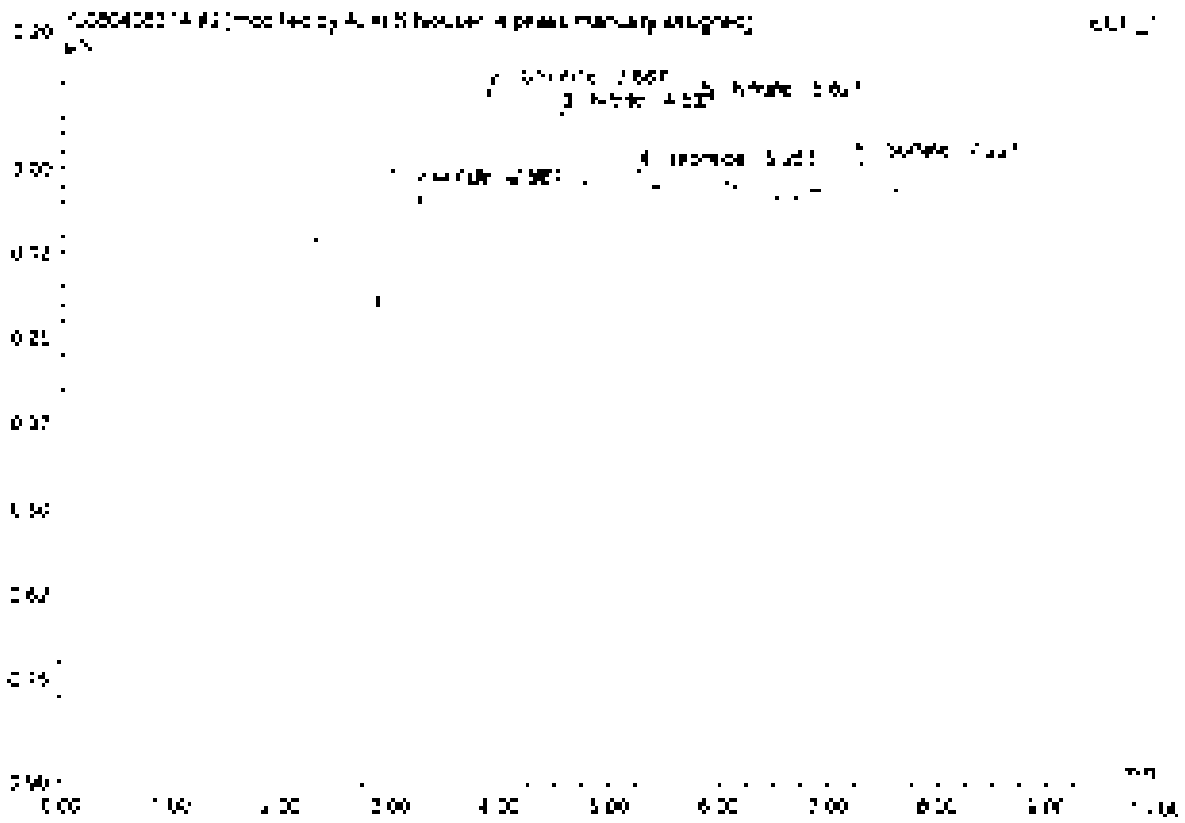


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

2 STD2/LVL2

21-GEN-02-17A

Sample Name	STD2/LVL2	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 13:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.56	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]	BMB*
2	3.89	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB*
3	4.56	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]	BMB*
4	5.25	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	BMB*
5	5.82	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BMB*
6	7.72	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB*
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

3 STD3/LVL3

21-GEN-02-17B

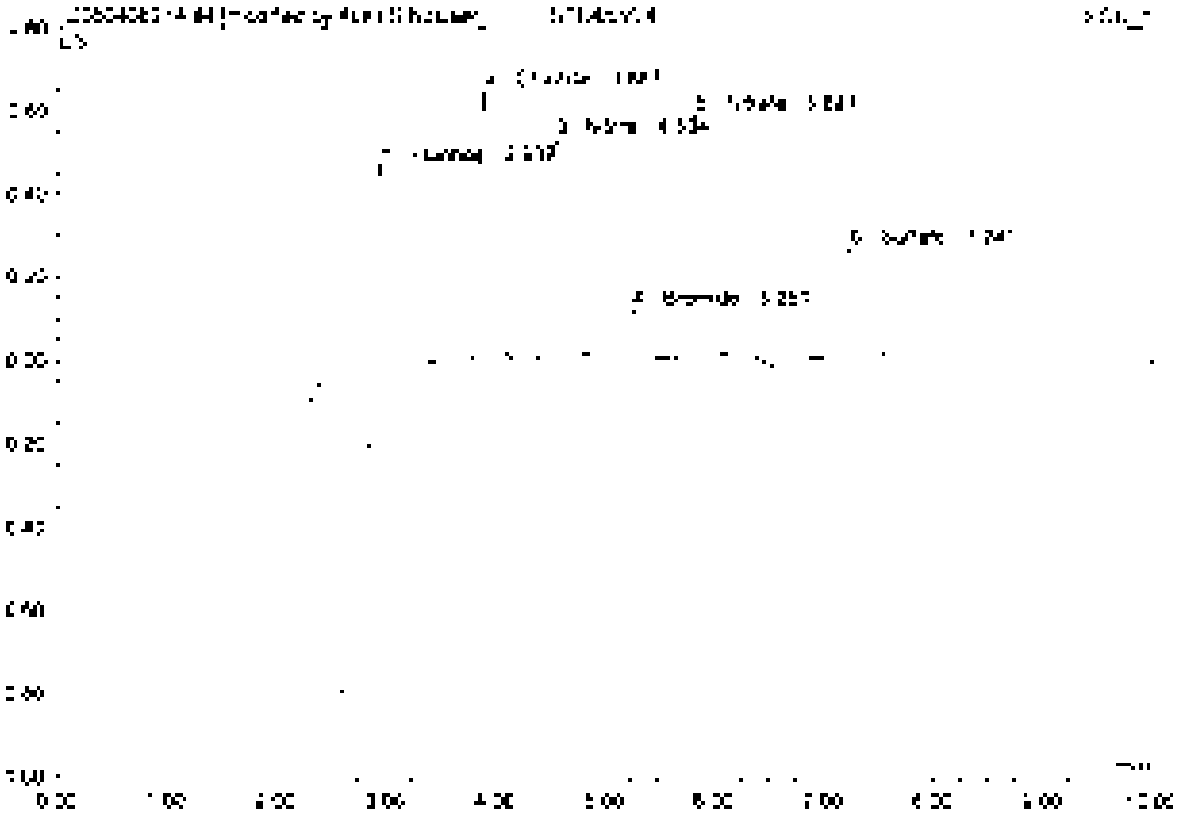
Sample Name	STD3/LVL3	Injection Volume	25.0
Vial Number	3	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 13:27	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.54	Fluoride	0.271	0.052	28.05	0.205	BV#1
2	3.89	Chloride	0.255	0.031	17.10	0.182	BV#1
3	4.53	Nitrite	0.204	0.031	16.58	0.088	BV#1
4	5.25	Bromide	0.044	0.007	3.57	0.093	BV#1
5	5.82	Nitrate	0.231	0.038	20.66	0.093	BV#1
6	7.25	Sulfate	0.399	0.025	13.66	0.293	BV#1
Total:			1.107	0.184	100.00	0.962	

4 STD4/LVL4

21-GEN-02-17C

Sample Name	STD4/LVL4	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 15:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

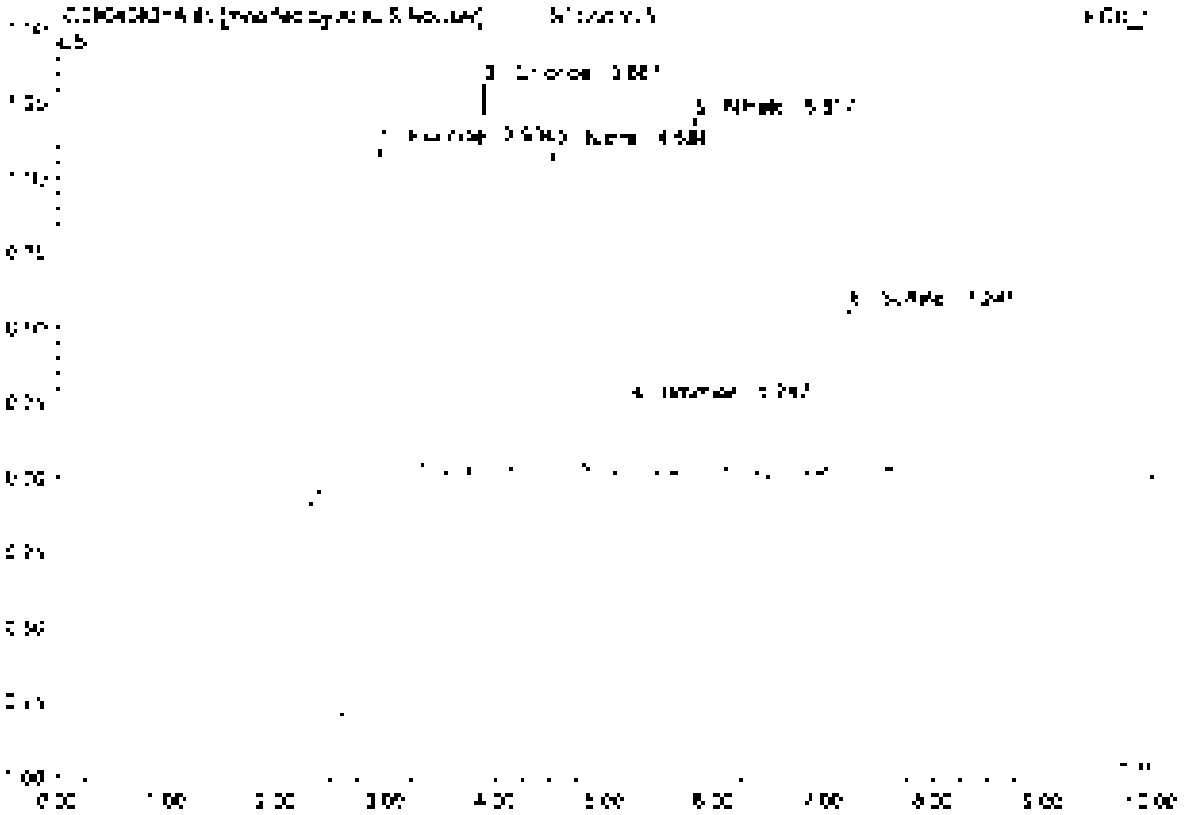


No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	0.644	0.127	27.45	0.507	BMB*
2	3.89	Chloride	0.648	0.079	17.34	0.454	BMB*
3	4.53	Nitrite	0.620	0.083	17.92	0.233	BMB*
4	5.26	Bromide	0.115	0.017	3.75	0.246	BMB
5	5.82	Nitrate	0.585	0.097	20.94	0.030	BMB*
6	7.24	Sulfate	0.254	0.061	13.19	0.457	BMB
Total:			2.784	0.464	100.00	2.167	

$ STDS/LVL$

21-GEN-02-17D

Sample Name	STDS/LVL5	Injection Volume	25.0
Vial Number	5	Channel	LCD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 13:55	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

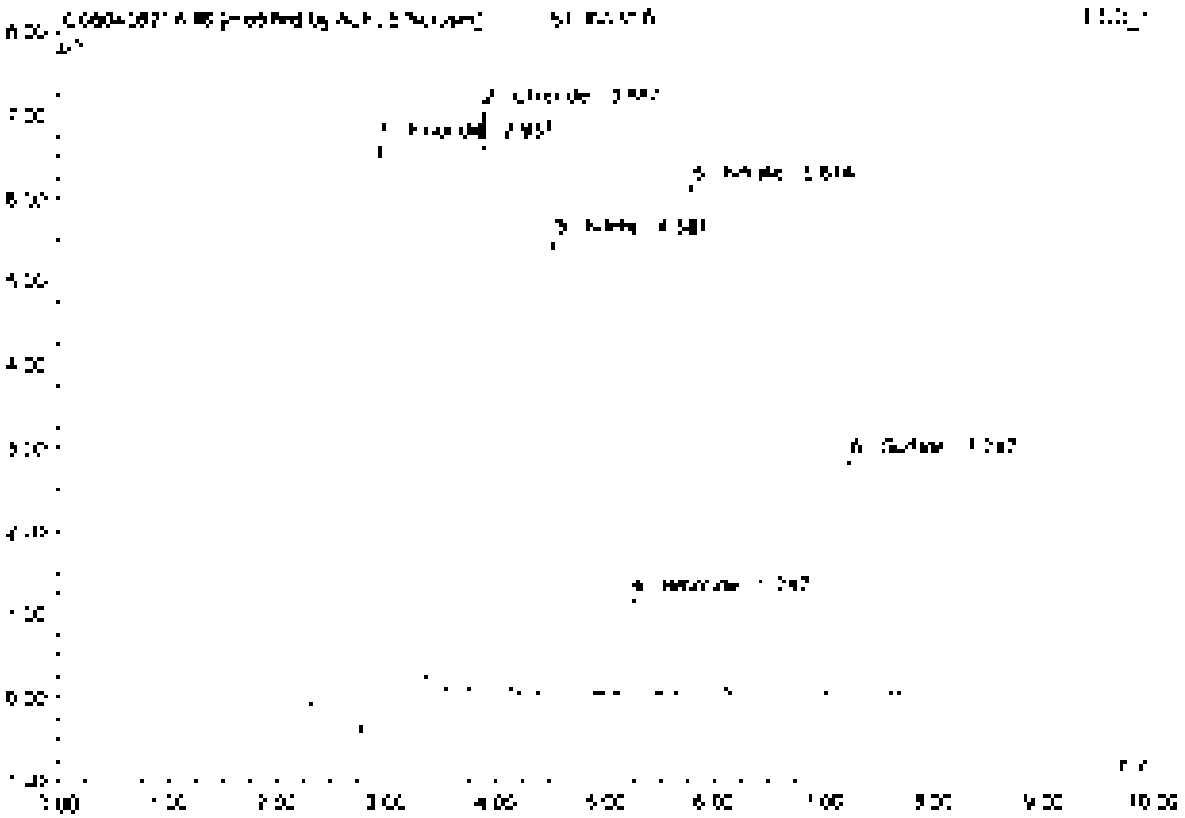


No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.93	Fluoride	1.282	0.256	27.38	1.015	BMB*
2	3.85	Chloride	1.282	0.157	16.85	0.909	BMB*
3	4.50	Nitrite	1.078	0.167	17.89	0.468	BMB*
4	5.25	Bromide	0.202	0.035	3.74	0.452	BVB
5	5.82	Nitrate	1.183	0.196	20.95	0.465	BMB*
6	7.24	Sulfate	0.542	0.123	13.16	0.997	BMB*
Total:			5.678	0.933	100.00	4.330	

6 STD6/LVL6

21-GEN-02-17E

Sample Name	STD6/LVL6	Injection Volume	25.0
Vial Number	6	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantif. Method	wpa300	Dilution Factor	1.0000
Recording Time	4/8/2021 14:03	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

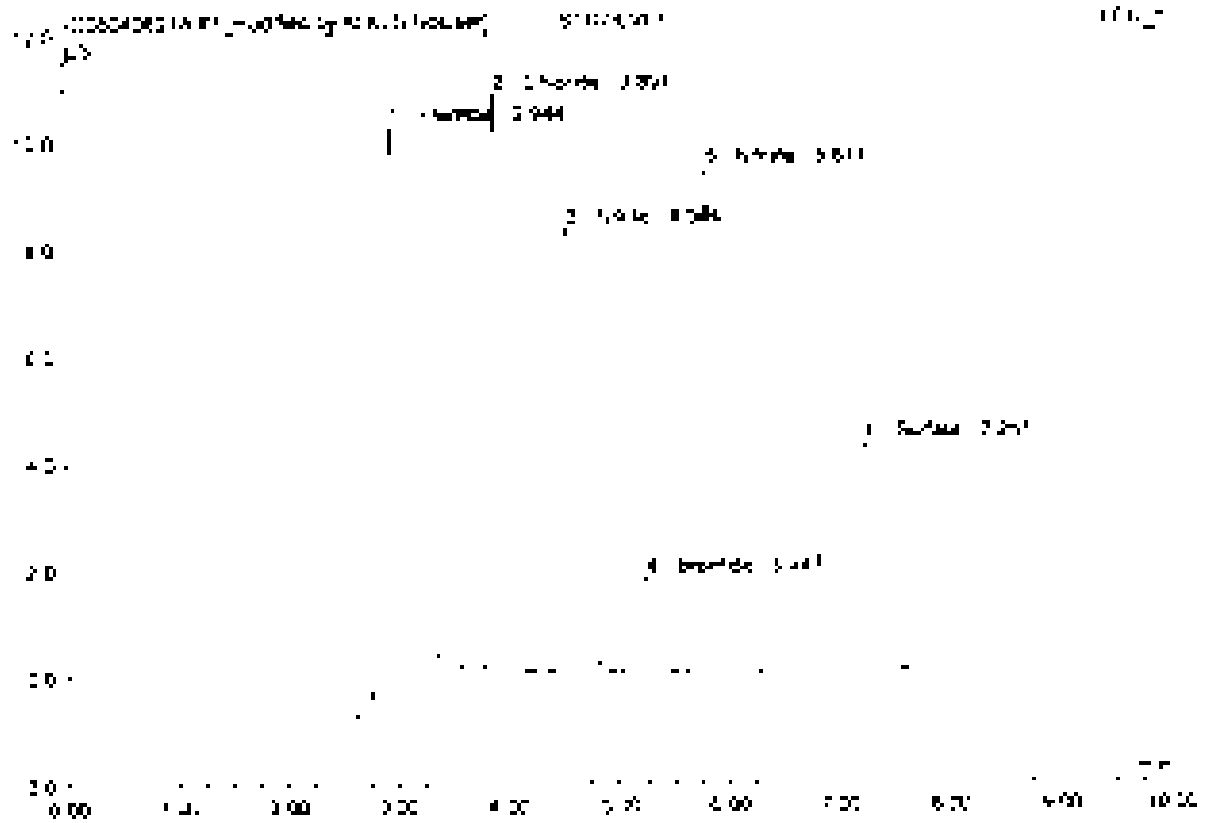


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	6.989	[illegible]	26.41	5.027	BMB*
2	3.69	Chloride	7.079	0.841	17.00	4.850	BMB*
3	4.54	Nitrite	5.482	0.871	18.20	2.449	BMB*
4	5.25	Bromide	[illegible]	0.176	3.67	2.438	BMB*
5	5.81	Nitrate	[illegible]	[illegible]	21.23	2.412	BMB*
6	7.25	Sulfate	7.832	0.514	12.85	4.584	BMB*
Total:			25.526	4.779	100.00	22.207	

7 STD7/LVL7

21-GEN-02-17F

Sample Name	STD7/LVL7	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	[illegible]/2021 14:13	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

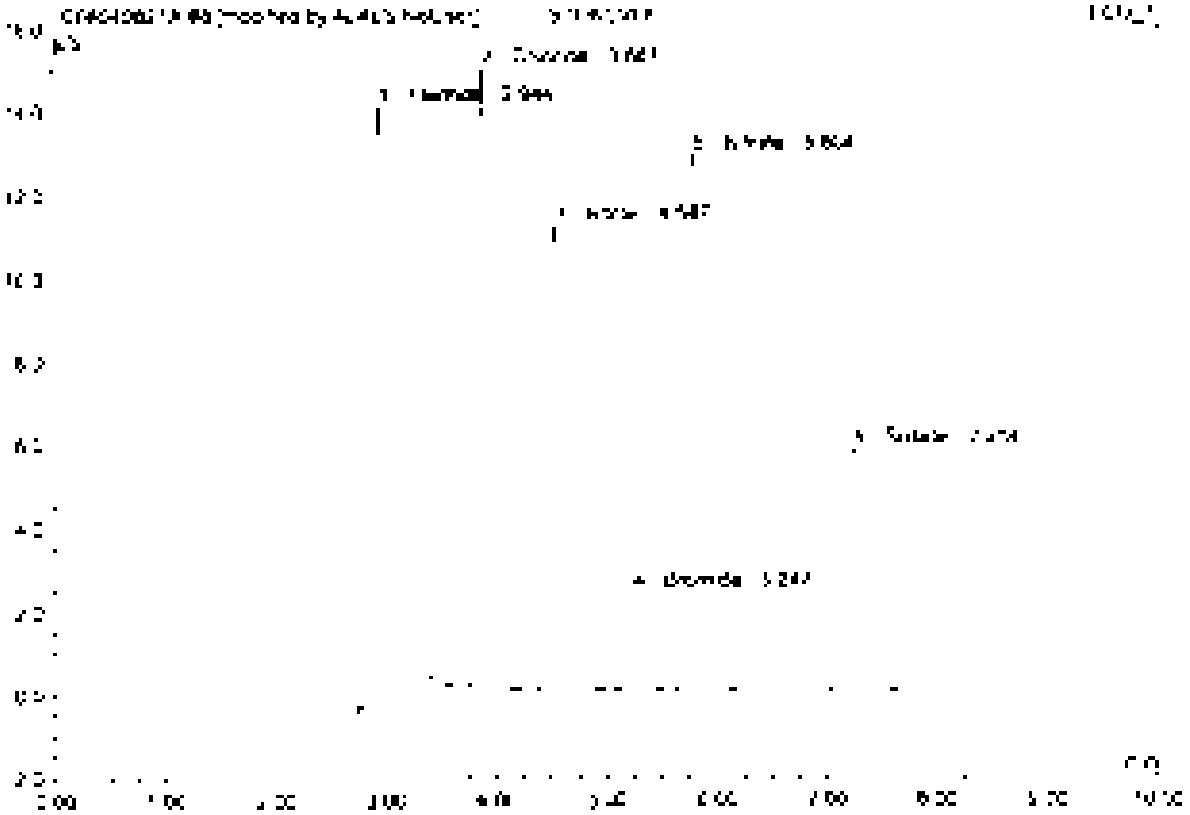


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.58	Fluoride	10.360	1.874	25.97	7.402	BMB*
2	3.89	Chloride	10.772	1.279	17.73	7.396	BMB*
3	4.54	Nitrite	8.302	1.323	18.33	3.717	BMB*
4	5.25	Bromide	1.750	0.264	3.66	3.724	BVB
5	5.8[illegible]	Nitrate	9.4[illegible]6	1.560	21.61	3.703	BMB*
6	7.25	Sulfate	4.78[illegible]	0.917	12.70	7.443	BMB
Total:			45.059	7.217	100.00	33.445	

8 STD8/LVL8

21-GEN-02-17G

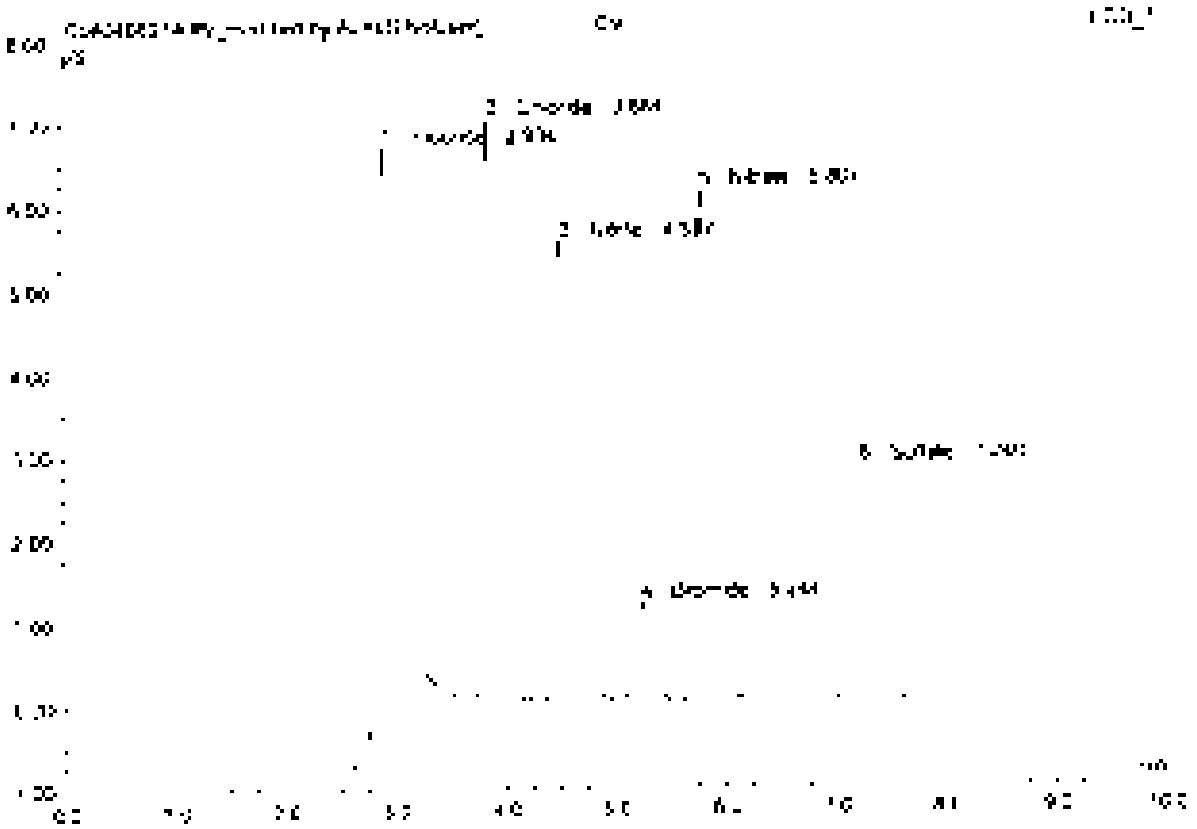
Sample Name	STD8/LVL8	Injection Volume	30.0
Vial Number	8	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 14:25	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	14.402	[illegible]	25.64	[illegible]	BMB*
2	3.80	Chloride	14.513	1.760	17.95	10.165	BMB*
3	4.33	Nitrite	11.205	1.790	18.34	5.055	BMB*
4	5.25	Bromide	2.275	0.357	3.64	5.010	BMB
5	5.80	Nitrate	12.859	2.117	21.60	5.080	BMB*
6	7.25	Sulfate	5.817	1.238	12.63	10.060	BMB
Total:			61.673	9.805	100.00	45.355	

9 ICV

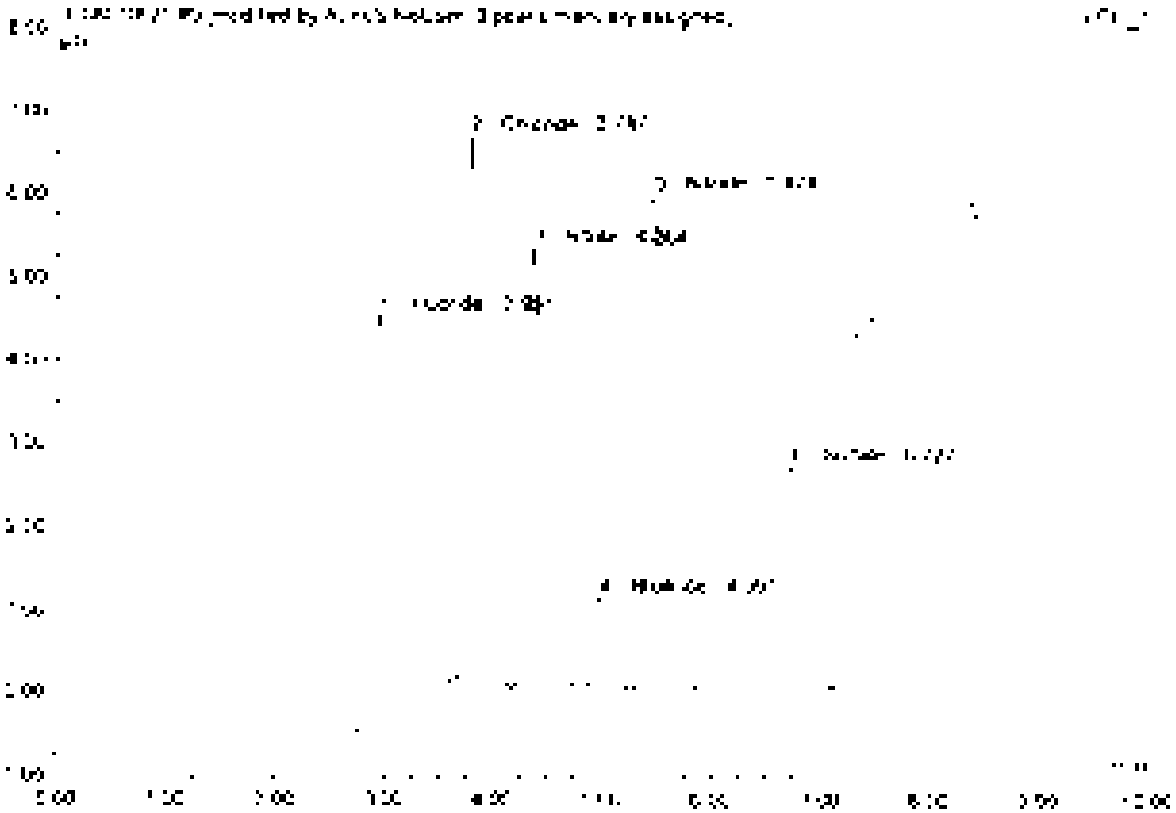
Sample Name	ICV	Injection Volume	25.0
Vial Number	9	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant. Method	apa300	Dilution Factor	1.0000
Recording Time	4/8/2021 14:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.93	Fluoride	6.972	1.257	26.46	5.305	BMB
2	3.88	Chloride	5.953	0.834	17.55	4.815	BMB
3	4.94	Nitrite	5.496	0.869	18.28	2.442	BMB
4	5.24	Bromide	1.160	0.175	3.68	2.451	BMB
5	5.81	Nitrate	8.174	1.013	21.33	2.409	BMB
6	7.24	Sulfate	2.793	0.603	12.69	4.895	BMB
Total:			29.548	4.750	100.00	22.326	

9 CCV1

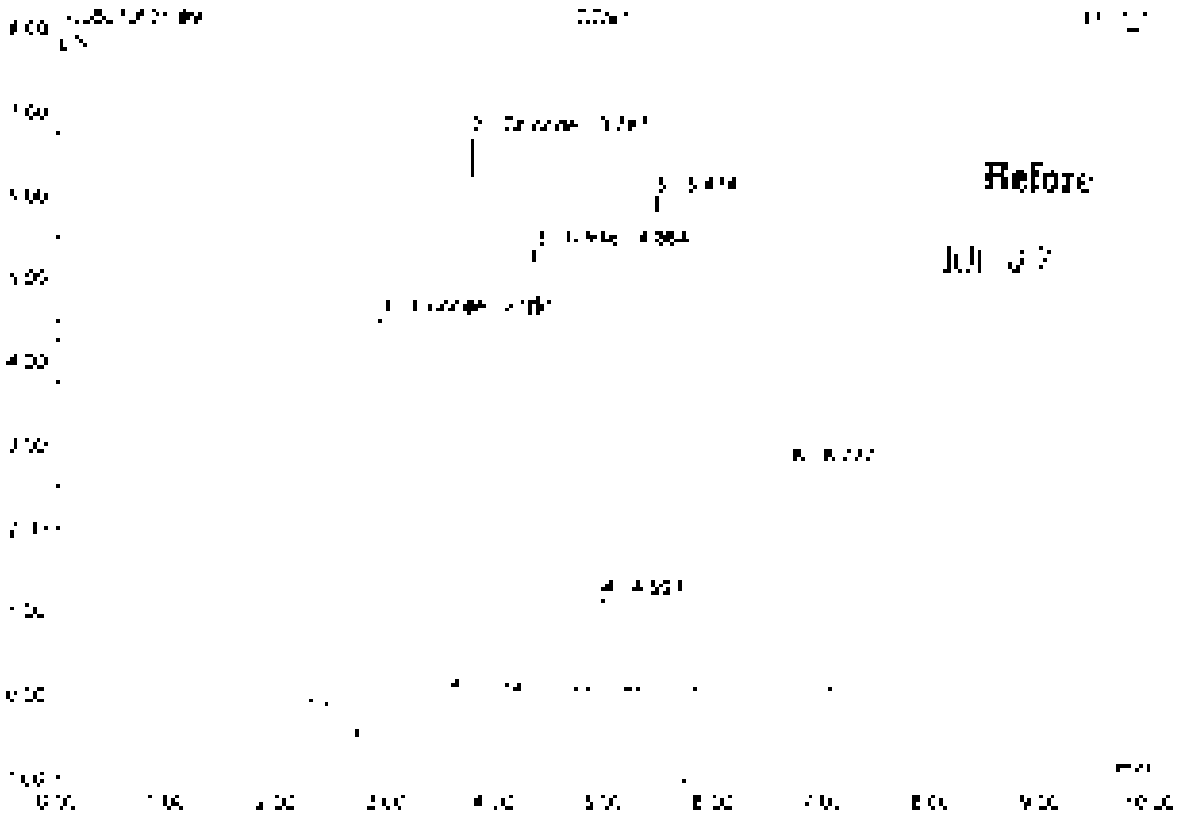
Sample Name	CCV1	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/6/2021 11:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	4.880	1.153	23.01	4.609	BMB*
2	3.79	Chloride	5.538	3.788	75.65	4.553	BMB*
3	4.36	Nitrite	5.290	3.629	18.65	2.329	BMB
4	4.99	Bromide	4.108	3.167	3.50	2.264	BMB*
5	5.47	Nitrate	5.903	3.965	21.59	2.293	BMB*
6	5.72	Sulfate	[illegible]	[illegible]	27.69	4.604	BMB*
Total:			35.546	4.487	100.00	20.652	

9 CCV1

Sample Name	CCV1	Injection Volume	25.0
Vial Number	44	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Data Method	epa300	Dilution Factor	1.0000
Recording Time	7/8/2011 11:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	4.896	[illegible]	25.25	4.678	BMB
2	3.79	Chloride	6.677	[illegible]	17.40	4.497	BMB
3	4.36	Nitrite	1.290	[illegible]	18.52	2.329	BMB
4	4.59	n.a.	[illegible]	[illegible]	3.59	n.a.	BMB
5	5.47	n.a.	5.963	[illegible]	21.95	n.a.	BMB
6	6.73	n.a.	2.711	[illegible]	12.67	n.a.	BMB
Total			26.544	[illegible]	100.00	[illegible]	

default integration

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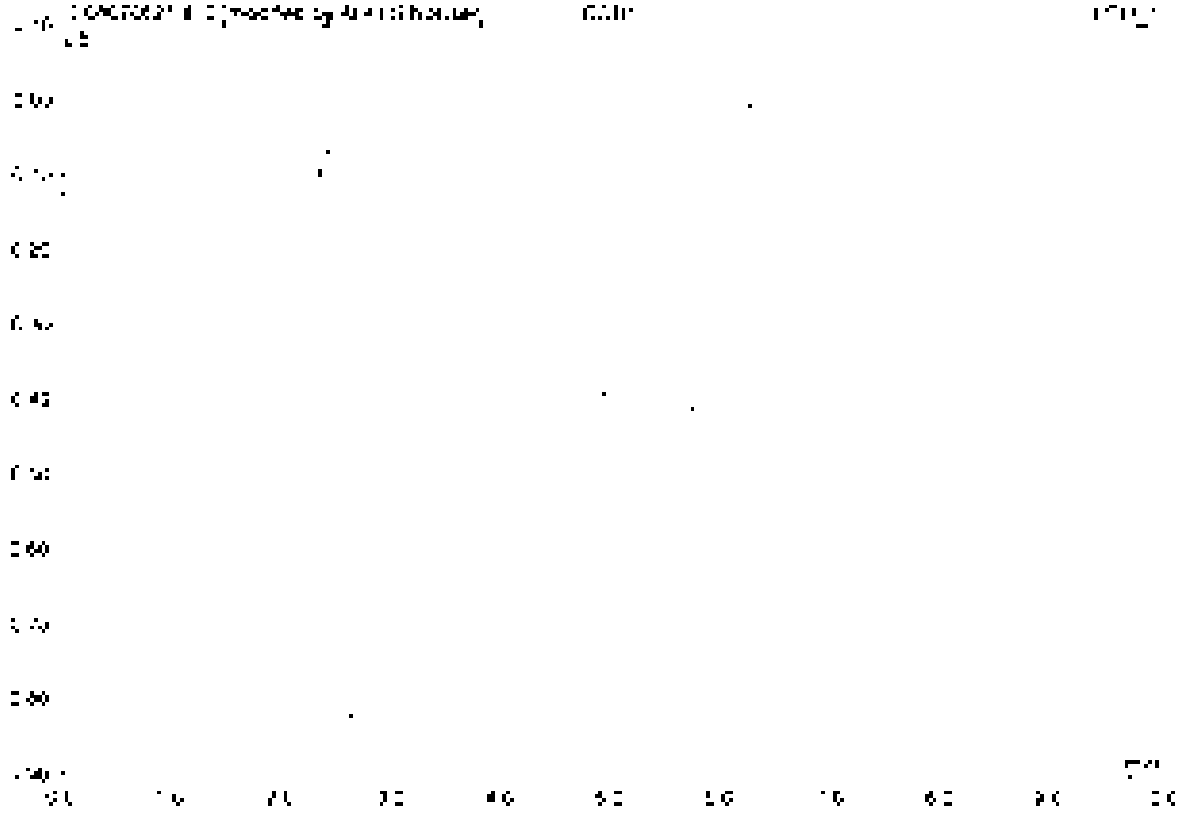
Version 6.50 SR11d Build 2302 (1052780)

10 CCB1

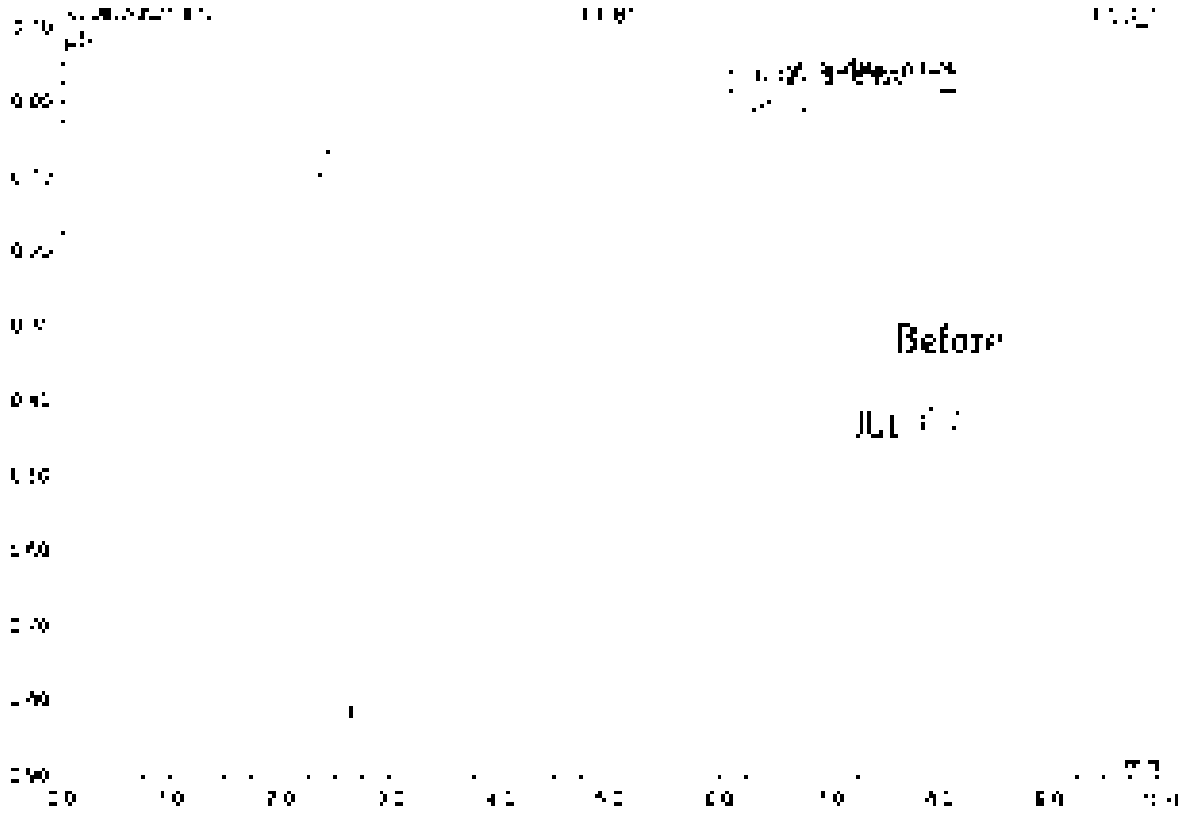
Sample Name	CCB1	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quantif. Method	spa300	Dilution Factor	1.0000
Processing Time	7/6/2021 11:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
Total			0.000	0.000	0.00	0.000	

10 CCB1

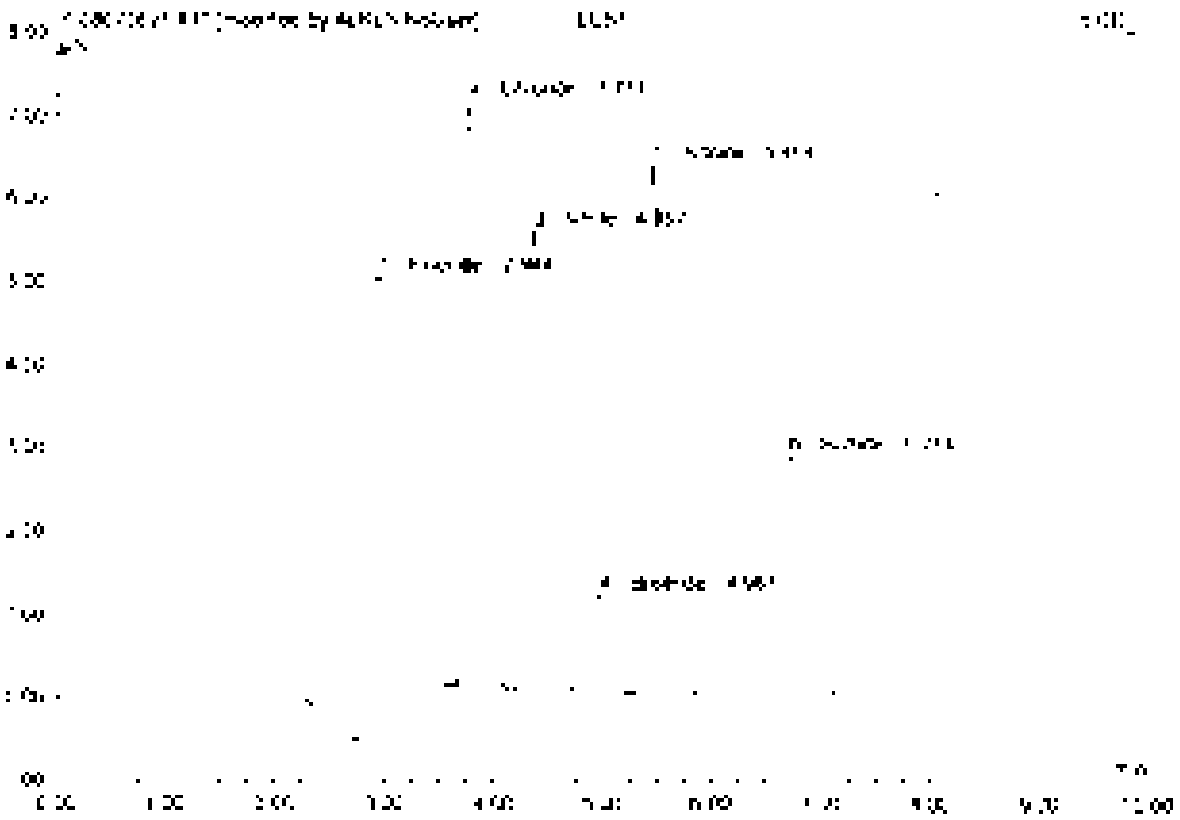
Sample Name	CCB1	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	[illegible]/2021 11:30	Sample Weight	1.0000
Run Duration	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	6.33	n.a.	0.042	[illegible]	98.36	n.a.	BMB
2	6.52	Sulfate	0.041	0.008	0.64	0.061	BMB
3	6.92	n.a.	0.025	0.016	[illegible]	n.a.	BMB
Total			0.158	[illegible]	100.00	[illegible]	

11 LCS1

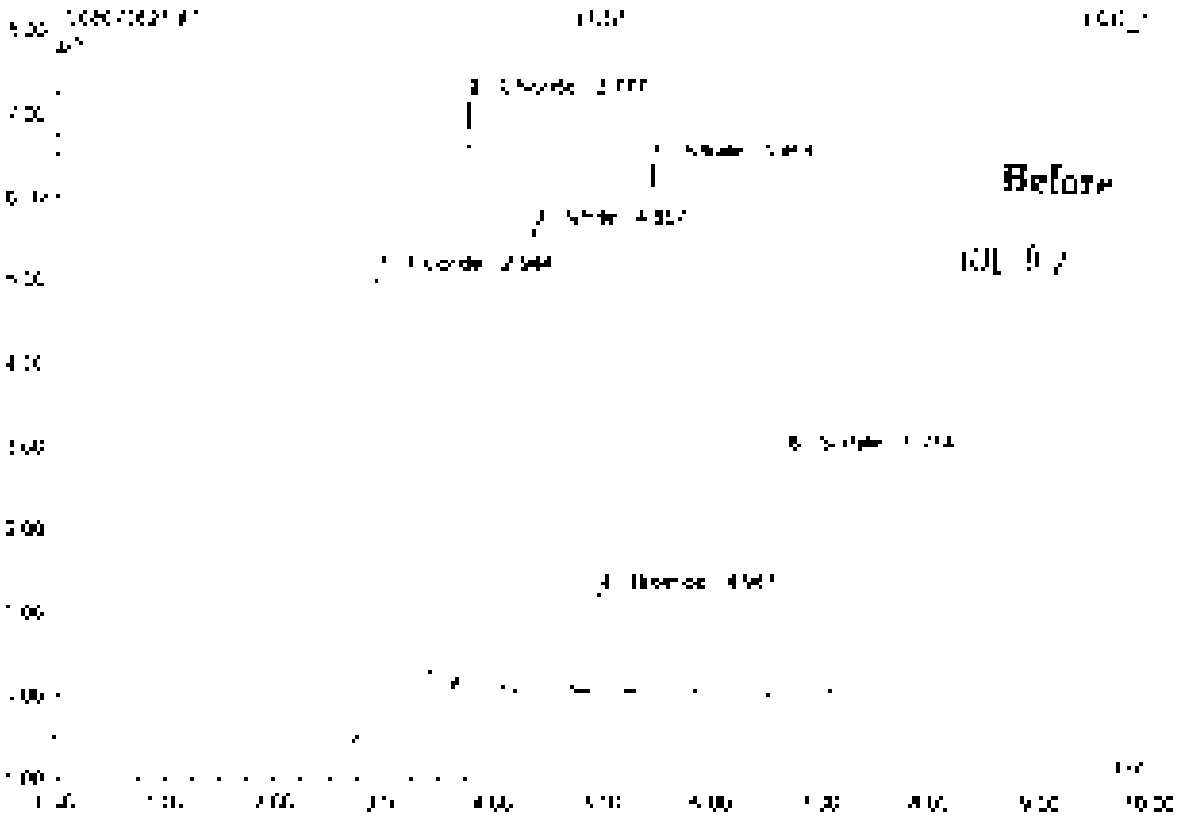
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Quantitation Program	apa300	Bandwidth	n.a.
Quantitation Method	apa300	Dilution Factor	1.0000
Recording Time	7/6/2021 12 18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	3.840	1.245	20.24	4.962	BMB*
2	3.79	Chloride	7.267	0.831	17.53	4.800	BMB*
3	4.30	Nitrite	5.564	0.570	12.32	2.445	BMB
4	4.95	Bromide	1.152	0.171	3.59	2.434	BMB
5	5.46	Nitrate	6.377	1.325	21.57	2.447	BMB
6	6.71	Sulfate	2.854	0.602	12.68	4.897	BMB
Total:			28.515	4.750	100.00	21.945	

11 LCS1

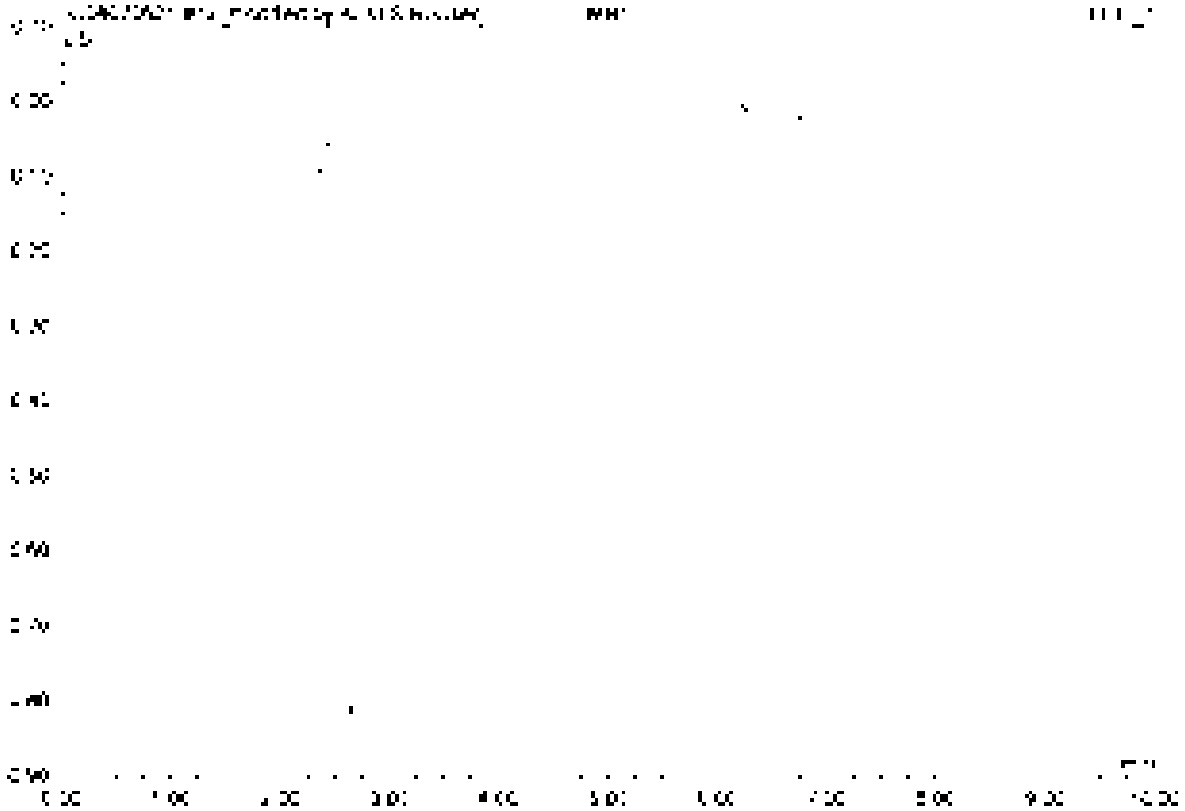
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant Method	wpa300	Dilution Factor	1.0000
Recording Time	7/6/2021 12:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	5.457	1.278	26.73	5.091	BMB
2	3.78	Chloride	7.052	0.831	17.38	4.820	BVB
3	4.35	Nitrite	5.954	0.670	12.20	2.445	BVB
4	4.98	Bromide	1.192	0.171	3.57	2.434	BVB
5	5.65	Nitrate	6.317	1.329	27.80	2.447	BVB
6	6.21	Sulfate	2.864	0.502	10.50	4.891	BVB
Total:			28.532	4.782	100.00	22.077	

12 MB1

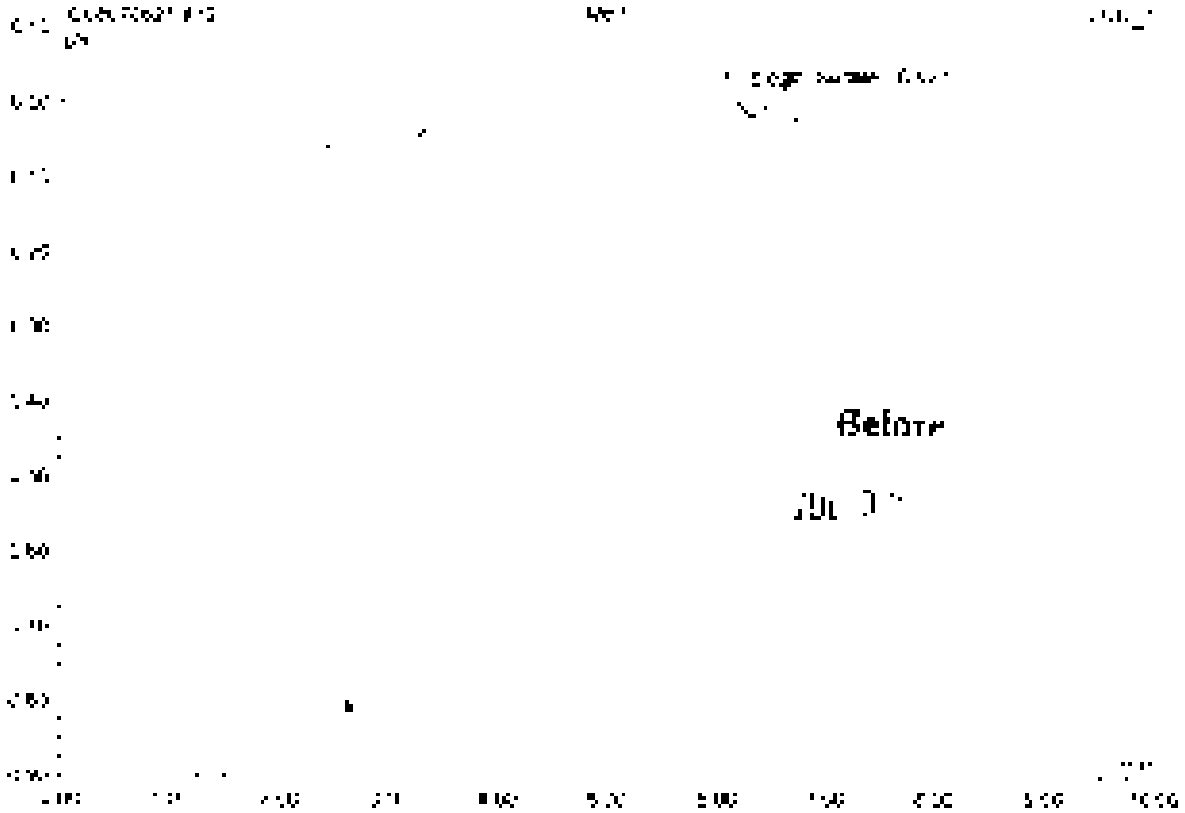
Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Processing Time	[illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

12 MB1

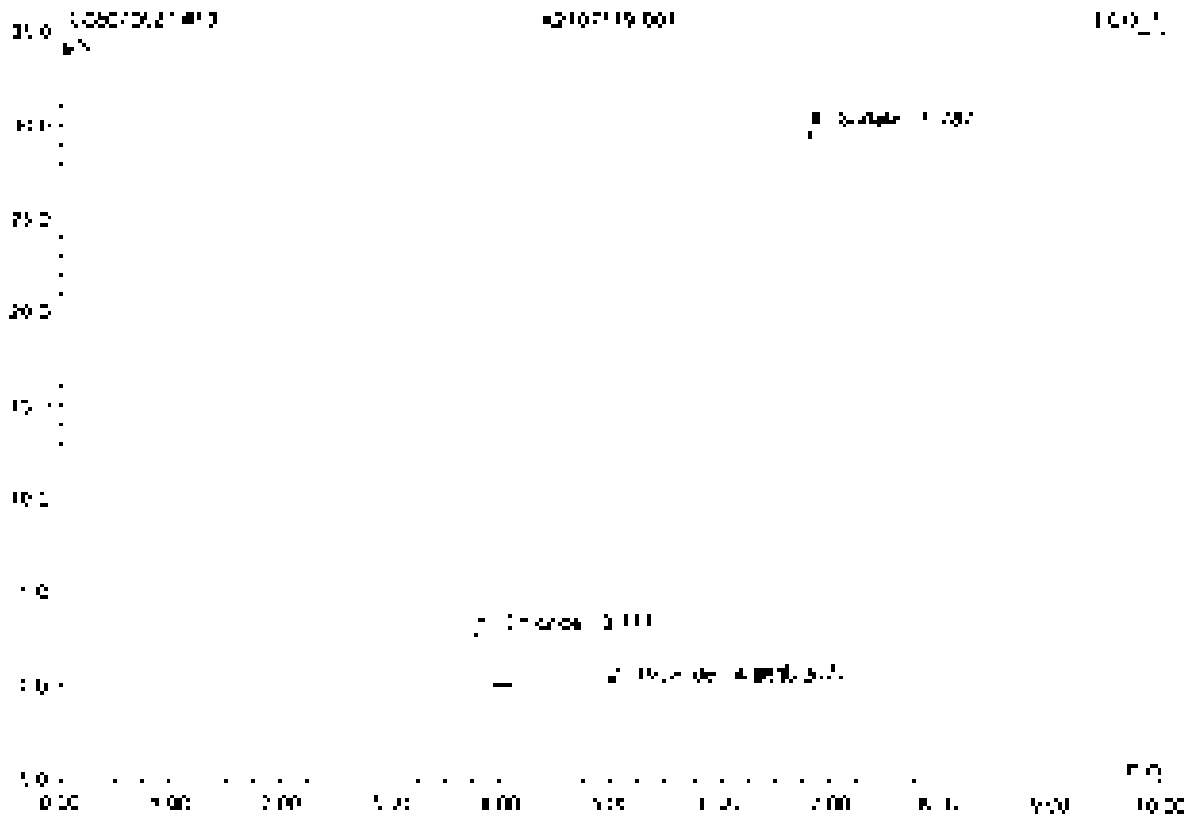
Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	DGD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Channel Method	spa300	Dilution Factor	1.0000
Recording Time	[illegible]021 12.30	Sample Weight	1.0000
Run Time [min]	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.03	n.a.	0.095	[illegible]	99.45	n.a.	BMb
2	6.62	Sulfate	0.040	0.007	0.55	0.560	bMB
Total:			0.135	[illegible]	100.00	0.000	

13 K2107119-001

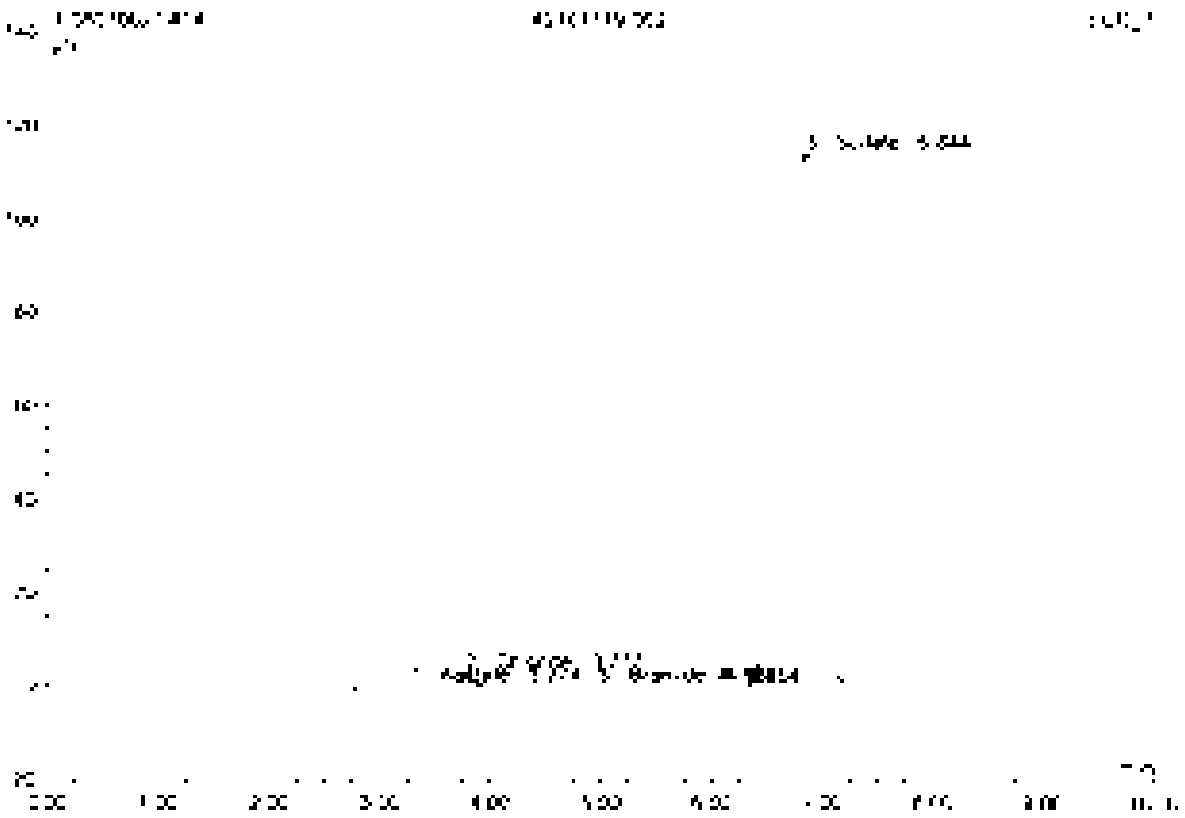
Sample Name	K2107119-001	Injection Volume	25.0
Vial Number	3	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/6/2021 14:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.78	Chloride	2.783	0.135	5.53	2.283	BMB
2	4.98	Bromide	0.035	0.005	0.19	0.147	BMB
3	6.21	n.a.	0.038	0.010	0.41	n.a.	BMb
4	6.79	Sulfate	29.525	5.732	94.22	59.675	BMB
Total			32.381	6.084	100.00	57.106	

14 K2107119-002

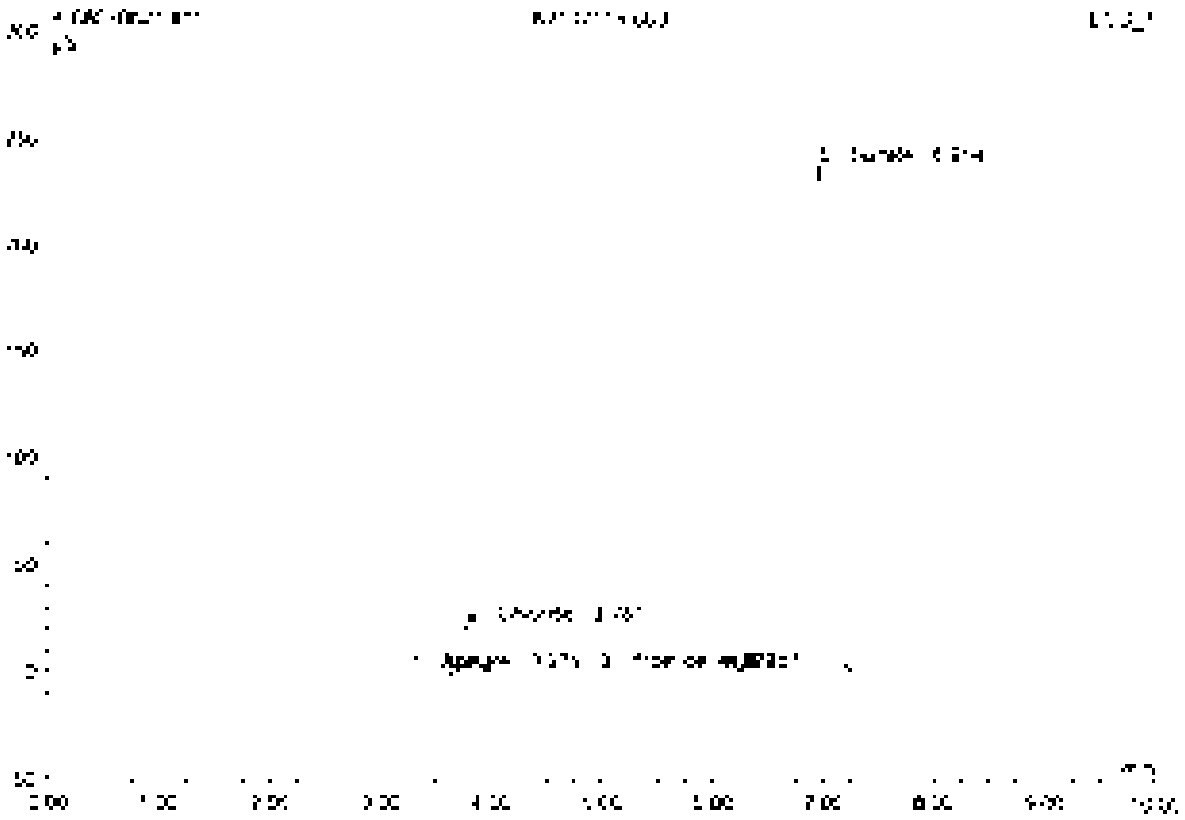
Sample Name	K2107119-002	Injection Volume	25.0
Vial Number	4	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	3.0000
Recording Time	7/6/2021 14:49	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.27	Acetate	0.287	0.212	0.61	n.a.	BMB
2	3.78	Citrate	2.855	0.345	0.99	0.995	BMB
3	4.98	Bromide	0.037	0.006	0.02	0.195	BMB
4	6.05	n.a.	0.013	0.017	0.05	n.a.	BMB
5	6.84	Sulfate	[illegible]	34.302	98.34	558.240	BMB
Total:			[illegible]	34.882	100.00	562.394	

15 K2107119-003

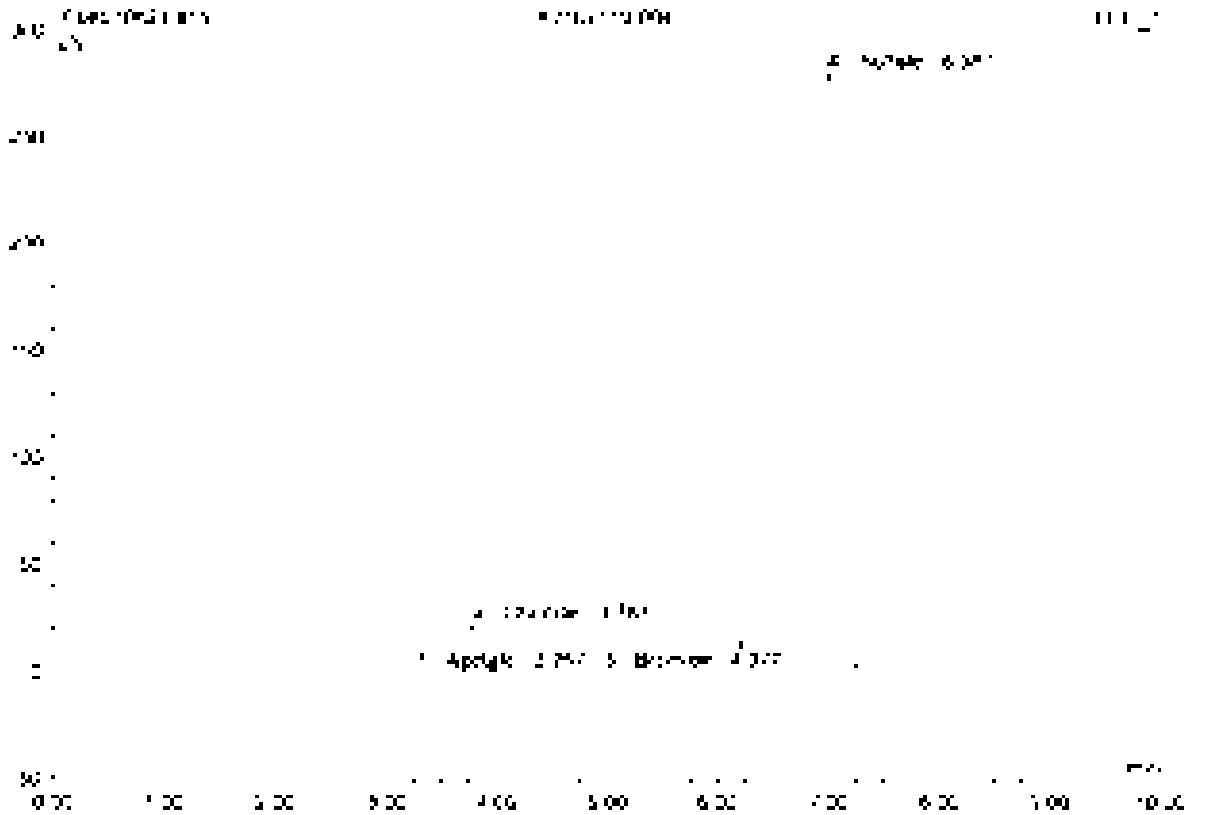
Sample Name	K2107119-003	Injection Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Processing Time	7/8/2021 15:01	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Rel Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.27	Acetate	[illegible]	[illegible]	[illegible]	n.a.	BMB
2	3.78	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
3	4.50	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	BMB
4	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
5	6.85	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

16 K2107119-004

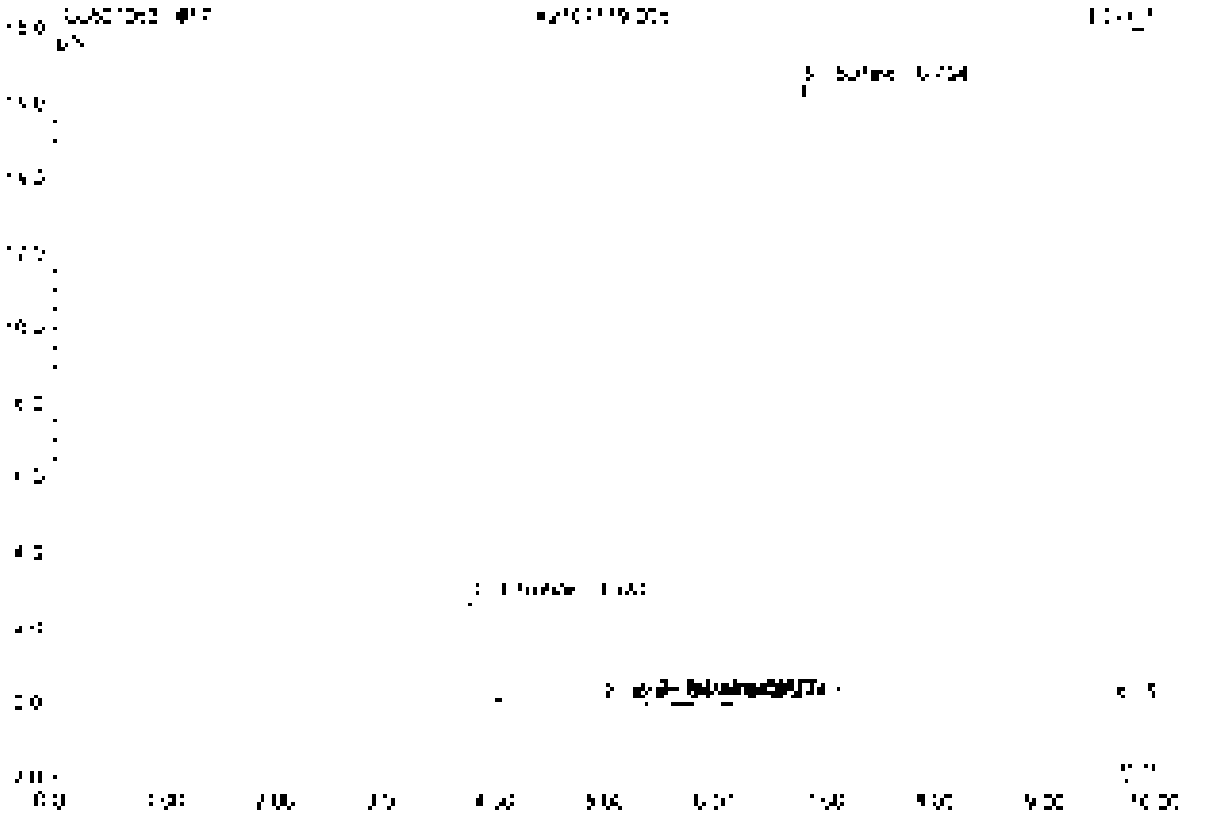
Sample Name	K2107119-004	Injection Volume	25.0
Vial Number	6	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Processing Time	7/6/2021 15:17	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.27	Acetate	0.175	0.127	0.12	n.a.	BMB
2	3.70	Chlorate	22.357	2.504	2.52	20.964	BV*B
3	4.98	Bromate	0.131	0.021	0.02	0.580	BV*B
4	6.99	Sulfate	275.285	100.106	97.34	1526.577	BV*B
Total:			297.948	102.928	100.00	1547.221	

17 K2107119-005

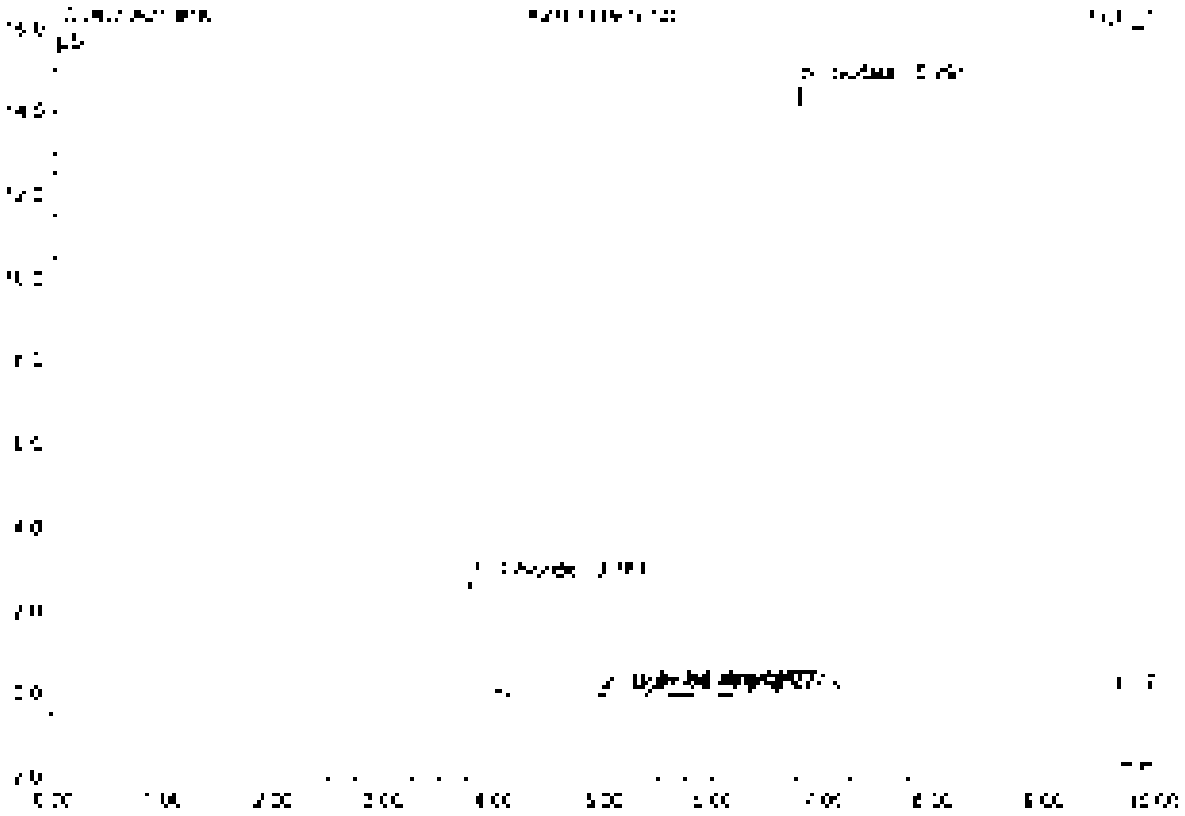
Sample Name	K2107119-005	Injection Volume	25.0
Vial Number	7	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	5.0000
Recording Time	7/8/2021 15:24	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	RelTime min	Peak Name	Height µS	Area µS*min	RelArea %	Amount	Type
1	3.78	Chloride	2.742	0.113	9.40	3.848	BMB
2	4.99	Bromide	0.030	0.006	0.17	0.170	BMB
3	5.48	Nitrate	0.780	0.038	1.08	0.781	BMB
4	6.27	n.a.	0.070	0.021	0.60	n.a.	BMB
5	6.75	Sulfate	16.210	3.134	88.46	50.878	BMB
6	9.64	n.a.	0.010	0.010	0.29	n.a.	BMB
Total			19.858	3.542	100.00	55.678	

18 K2107119-005D

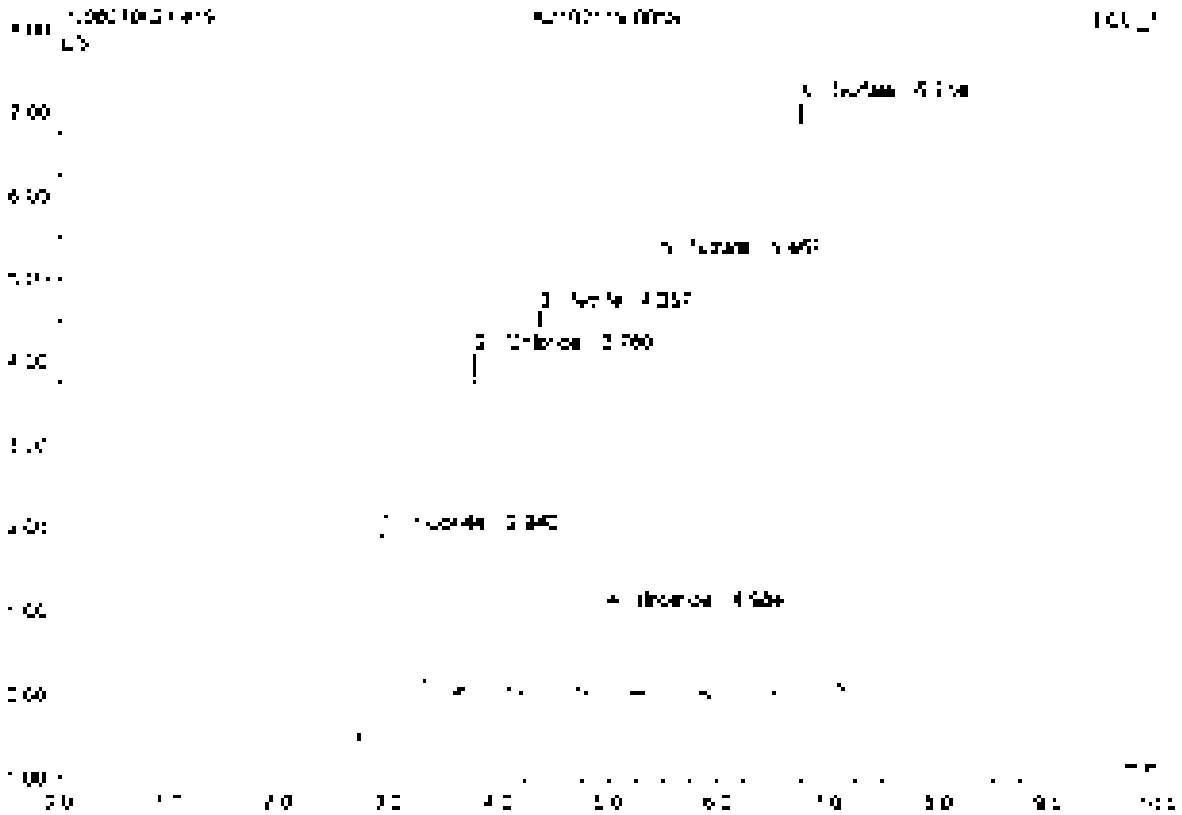
Sample Name	K2107119-005D	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Acquisition Time	7/6/2021 15:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chloride	2.739	0.335	10.54	2.665	BV B
2	4.59	Bromide	0.036	0.005	0.17	0.152	BMB
3	5.48	Nitrate	0.175	0.036	1.15	0.172	BMB
4	6.28	n.a.	0.048	0.021	0.66	n.a.	BMB
5	6.79	Sulfate	14.531	2.751	87.17	44.734	BMB
6	9.56	n.a.	0.017	0.010	0.31	n.a.	BMB
Total:			17.566	3.152	100.00	48.674	

19 K2107119-005S

Sample Name	K2107119-005S	Injection Volume	25.0
Vial Number	9	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	4.0000
Processing Time	7/6/2021 15:47	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



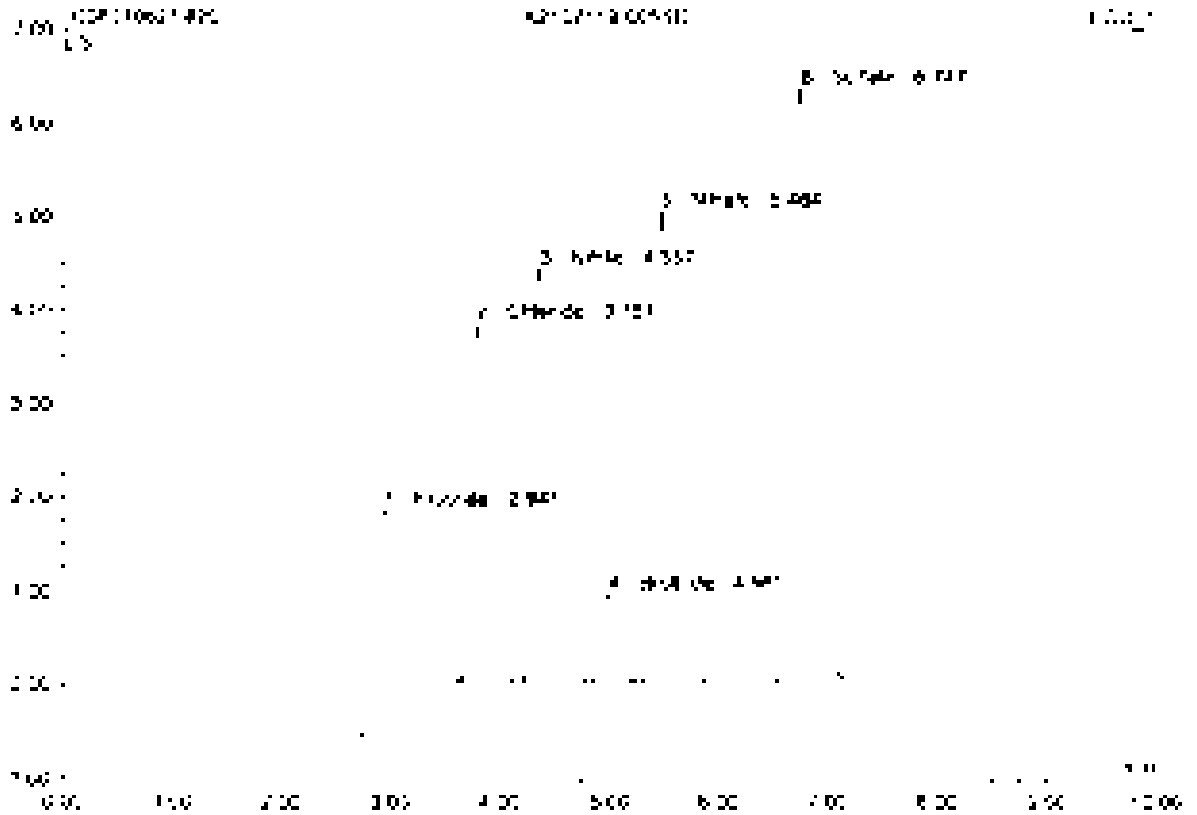
No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	2.270	0.635	14.71	9.969	BMB
2	3.78	Chloride	4.053	0.482	11.22	[illegible]	BMB
3	4.36	Nitrite	4.504	0.719	16.69	8.075	BMB
4	4.98	Bromide	0.978	0.142	3.30	8.039	BMB
5	5.47	Nitrate	5.225	0.859	20.00	[illegible]	BMB
6	6.75	Sulfate	7.075	1.437	33.54	46.945	BMB
Total:			24.299	4.255	100.00	[illegible]	

delay Integration

Chromeleon (c) Dionex 1990-2000
Version 6.60 SR1 for Build 1962 (9)

20 K2107119-0055D

Sample Name	K2107119-0055D	Injection Volume	25.0
Inj Number	10	Column	EGC 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Column Temp	4.0000
Recording Time	7/8/2021 15:59	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.94	Fluoride	2.300	0.610	1.35	9.709	BMB
2	3.78	Chloride	3.821	0.454	1.35	10.454	BMB
3	4.30	Nitrite	4.420	0.651	1.29	7.709	BMB
4	4.92	Bromide	0.946	0.107	0.42	2.730	BMB
5	5.46	Nitrate	5.041	0.825	20.64	7.642	BMB
6	5.75	Sulfate	6.312	1.280	37.03	41.578	BMB
Total:			22.840	3.597	100.00	85.[illegible]	

default Integrator

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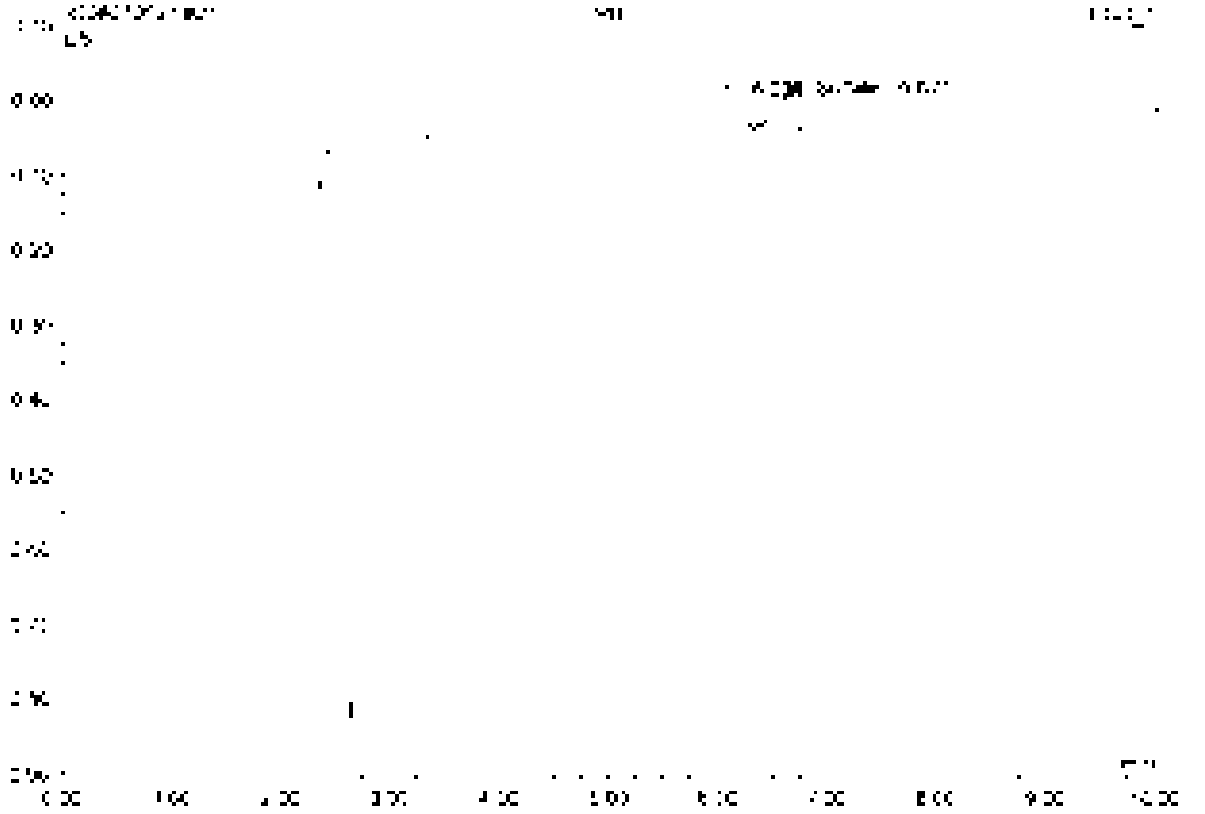
Version: 6.80 SP1 Build 3302 (1.967/9)

21 RB

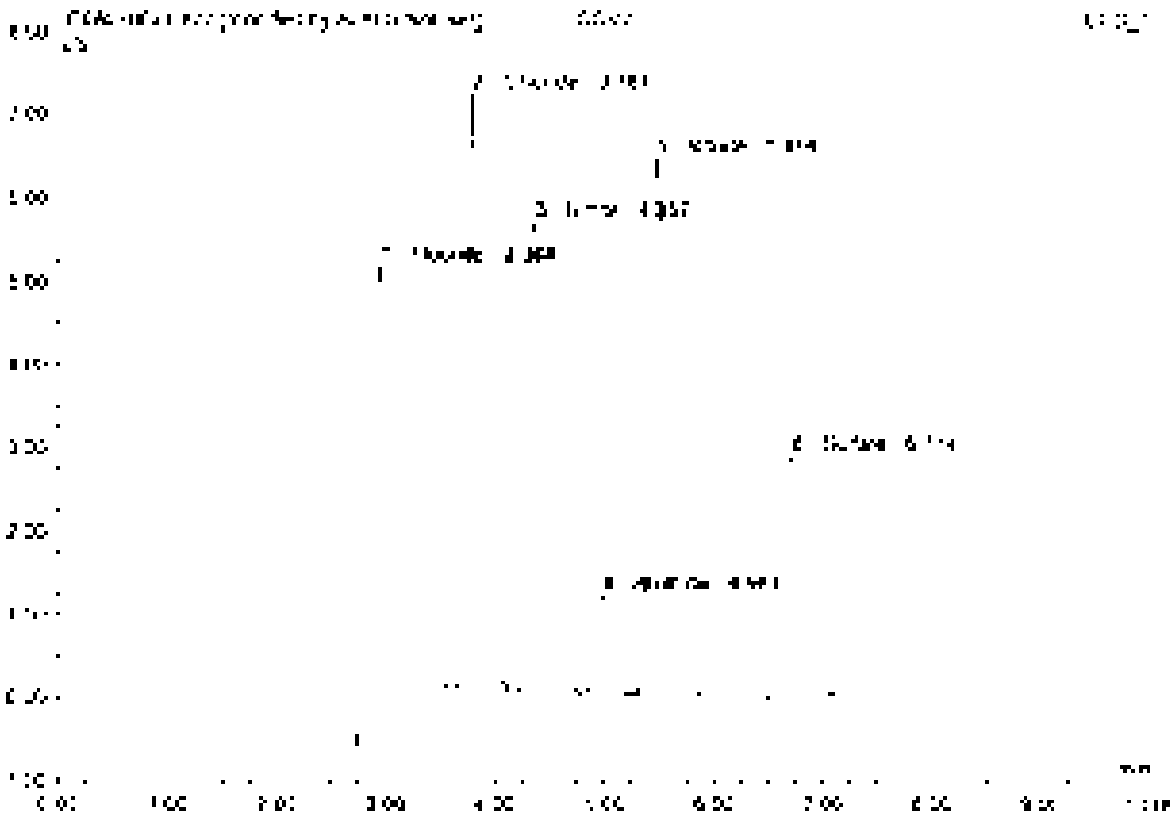
Sample Name	RB	Injection Volume	25.0
Vial Number	30	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	1.0000
Processing Time	[illegible]/2021 14:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	5.32	[illegible]	0.097	1.380	99.45	[illegible]	bMb
2	4.62	Sulfate	0.042	0.008	0.55	0.061	bVB
Total:			0.139	1.388	100.00	0.061	

22 CCV2

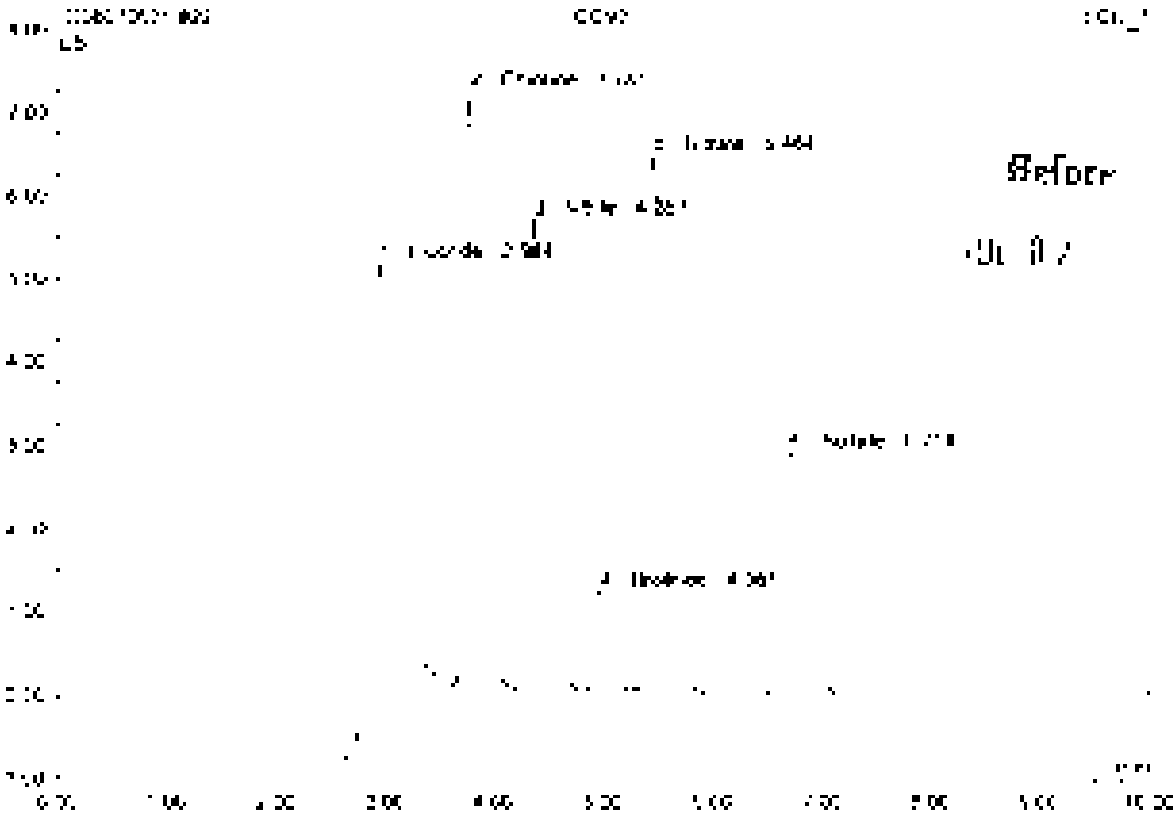
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	7/8/2021 15:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	5.365	1.236	26.26	5.001	BMB*
2	3.38	Chloride	[illegible]	0.810	[illegible]	4.796	BMB*
3	4.36	Nitrite	5.667	0.825	18.51	2.468	BMB
4	4.98	Bromide	[illegible]	[illegible]	3.52	[illegible]	BMB
5	5.46	Nitrate	6.449	1.015	21.66	2.401	BMB
6	6.7[illegible]	Sulfate	2.905	0.604	12.61	4.504	BMB
Total:			28.5[illegible]	4.702	100.00	22.060	

22 CCV2

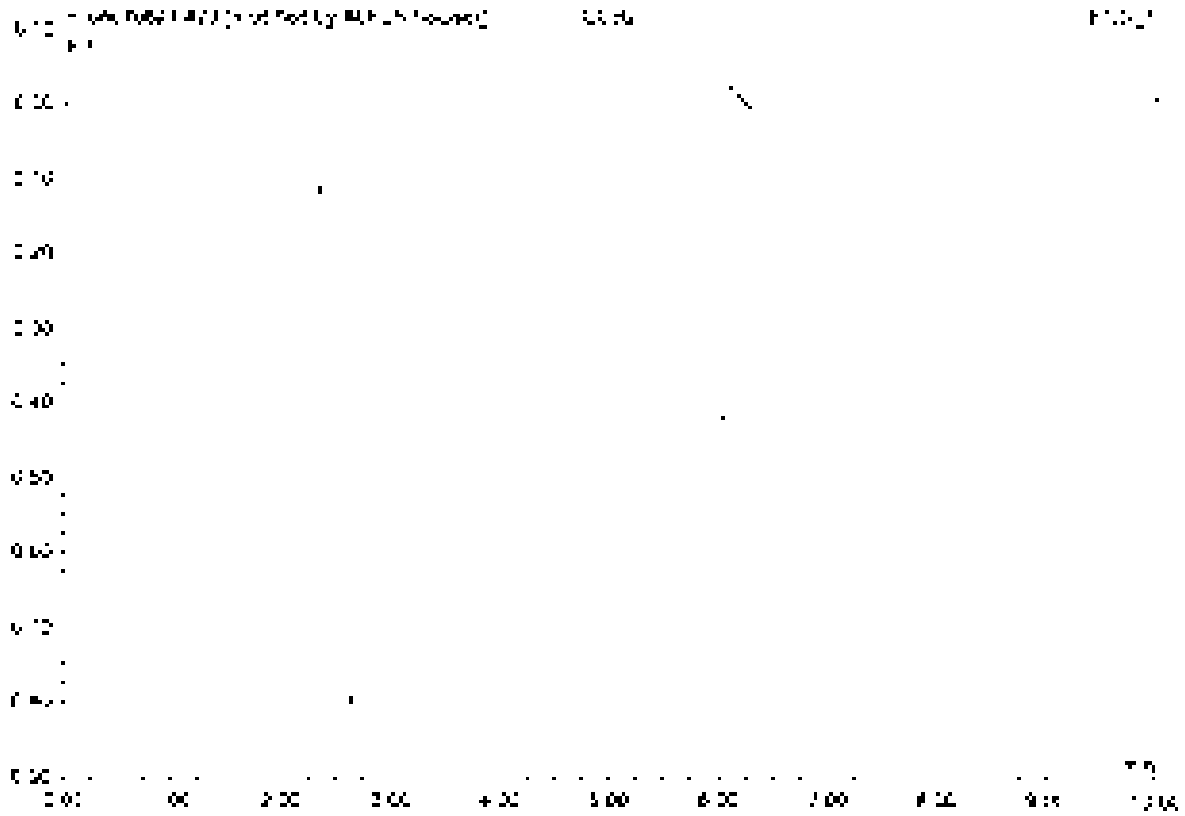
Sample Name	CCV2	Injection Volume	75.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	ipa300	Bandwidth	n.a.
Quantif. Method	ipa300	Dilution Factor	1.0000
Recording Time	[illegible]/2021 18:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	5.503	1.305	27.02	5.199	BMB
2	3.76	Chloride	7.134	0.830	17.19	4.706	BMB
3	4.36	Nitrite	5.667	0.805	16.67	2.485	BMB
4	4.98	Bromide	[illegible]	0.171	3.54	2.411	BMB
5	5.46	Nitrate	6.449	1.035	21.43	2.461	BMB
6	6.71	Sulfate	2.935	0.604	12.50	4.904	BMB
Total:			20.942	4.832	100.00	22.258	

23 CCB2

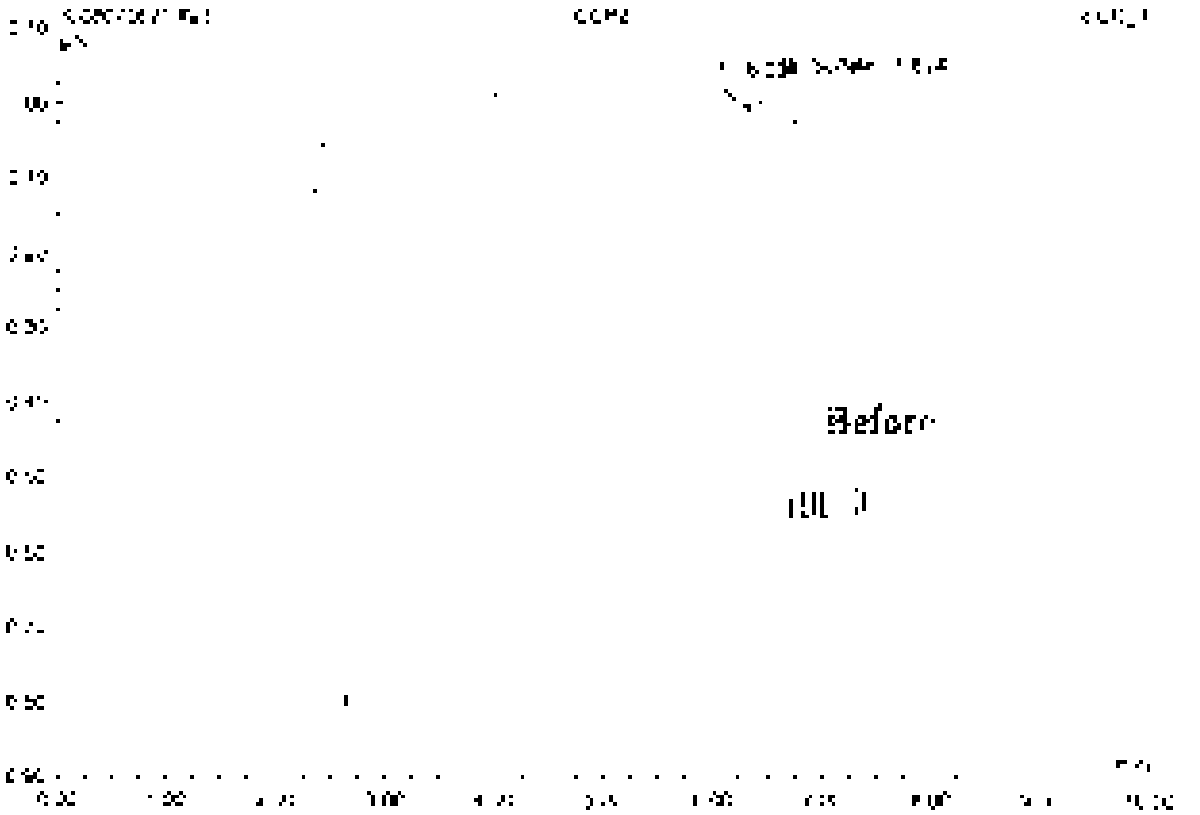
Sample Name	CCB2	Injection Volume	25.0
Vial Number	49	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	7/6/2021 15:43	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

23 CCB2

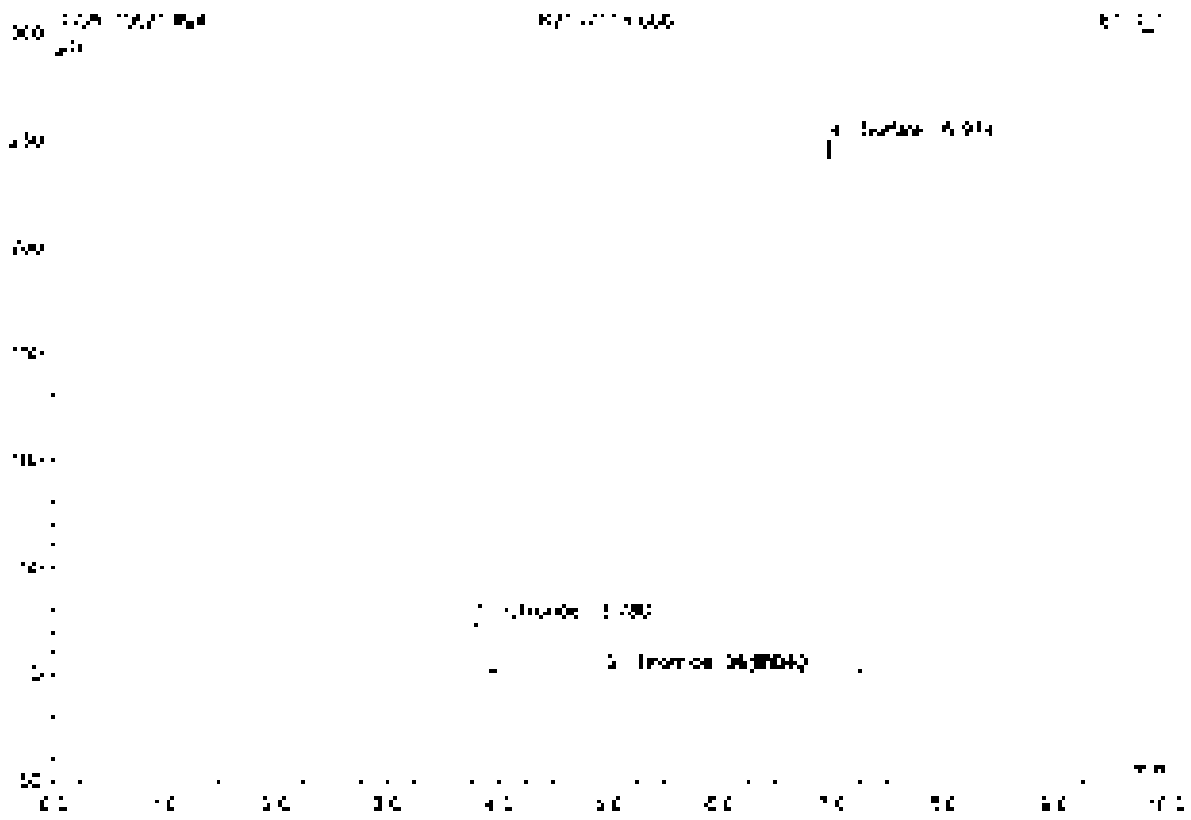
Sample Name	CCB2	Injection Volume	15.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Column Factor	1.0000
Recording Time	7/5/2021 15:43	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	RelTime min	Peak Name	Height µS	Area µS*min	RelArea %	Amount	Type
1	5.00	n.a.	[illegible]	1.362	99.26	n.a.	BMB
2	6.62	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

24 K2107119-006

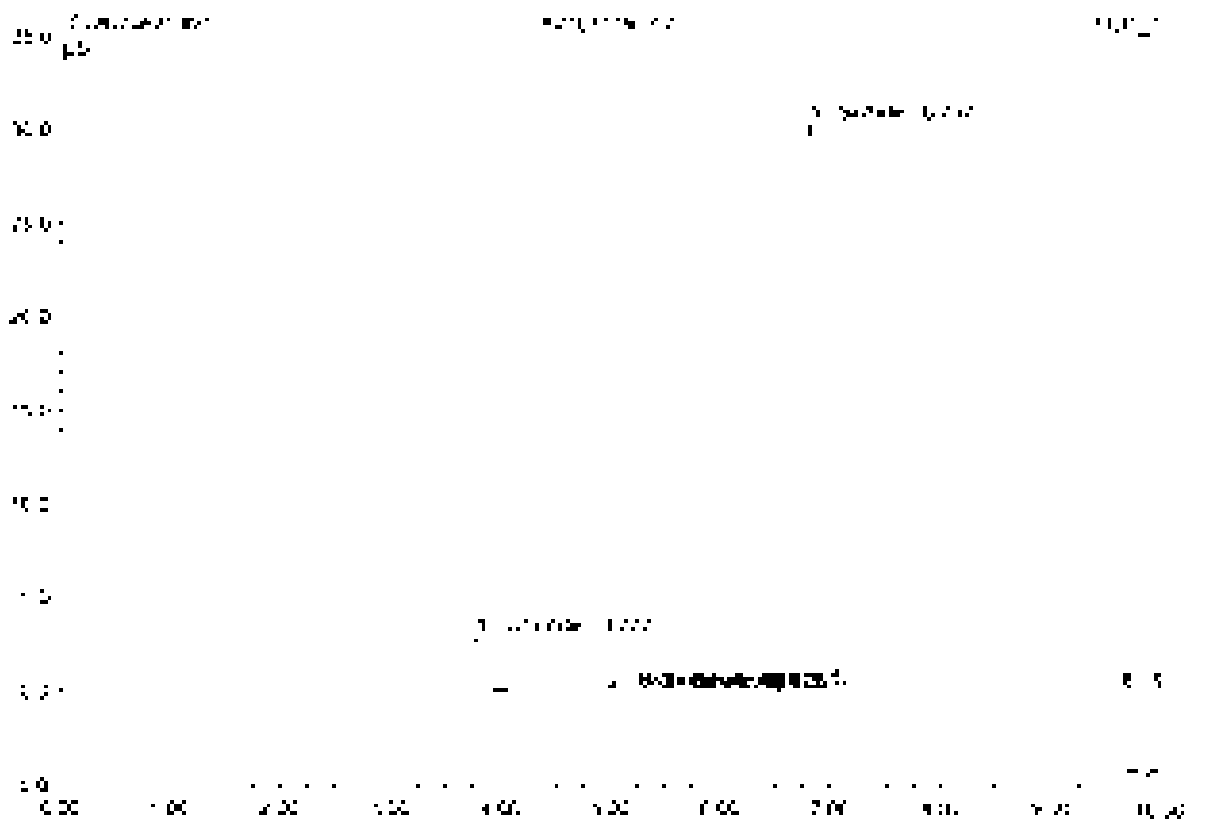
Sample Name	K2107119-006	Injection Volume	25.0
Vial Number	11	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	7/6/2021 16:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chloride	24 667	2 835	3.32	32 765	BMB
2	4.98	Bromide	0 140	0 022	0.03	0 620	BMB
3	6.04	n.a.	0 099	0 015	0.02	n.a.	BMB
4	8.97	Sulfate	247 365	82 549	96.64	1341 015	BMB
Total			272 371	85 422	100.00	1375 332	

25 K2107119-007

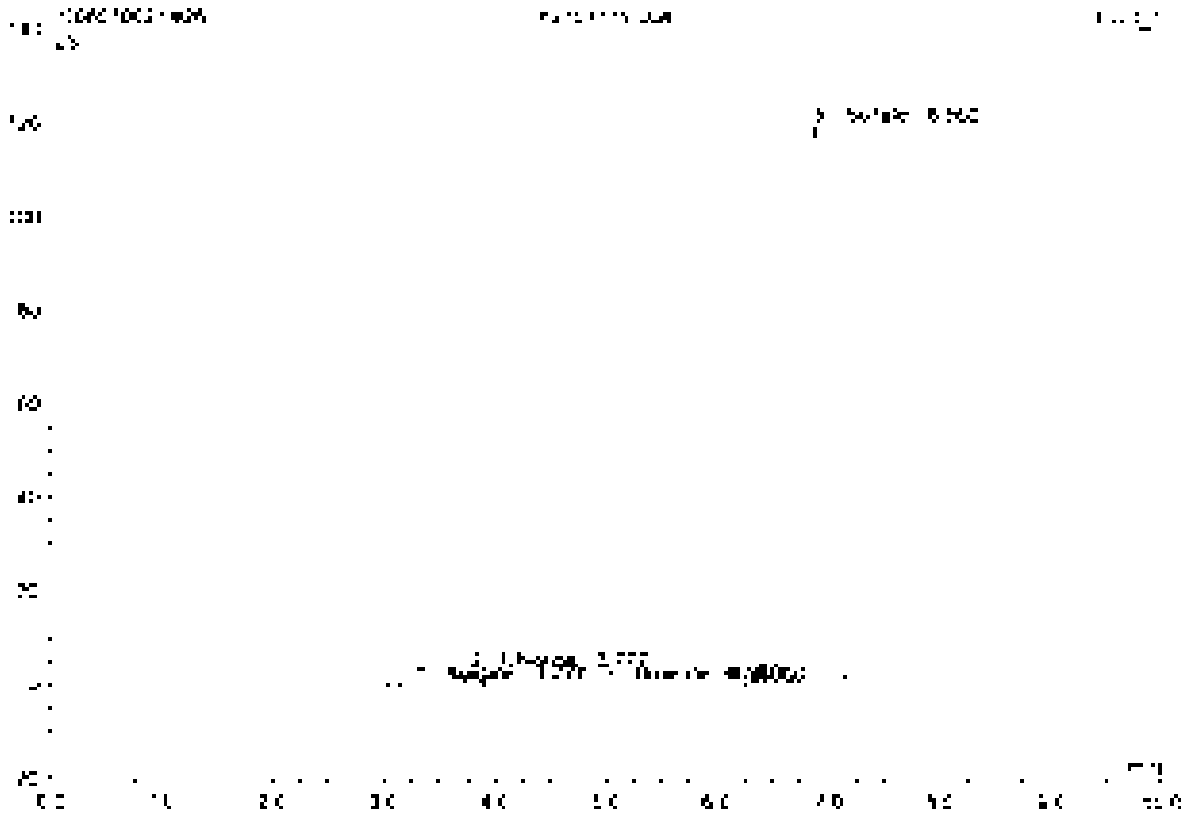
Sample Name	K2107119-007	Injection Volume	25.0
Vial Number	12	Channel	EGD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Backwash	n.a.
Quantif. Method	apa300	Dilution Factor	2.0000
Recording Time	3/6/2021 17:06	Sample Weight	1.0000
Run Time [min]	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chloride	2.922	0.052	5.56	4.062	BV3
2	4.98	Bromide	0.035	0.005	0.59	0.152	BV9
3	5.47	Nitrate	0.030	0.009	0.95	0.064	BV9
4	6.05	n.a.	0.023	0.006	0.70	n.a.	BM5
5	6.80	Sulfate	30.067	0.949	94.07	96.588	BMB
6	9.56	n.a.	0.016	0.004	0.41	n.a.	BVB
Total			33.067	0.938	100.00	100.866	

26 K2107119-008

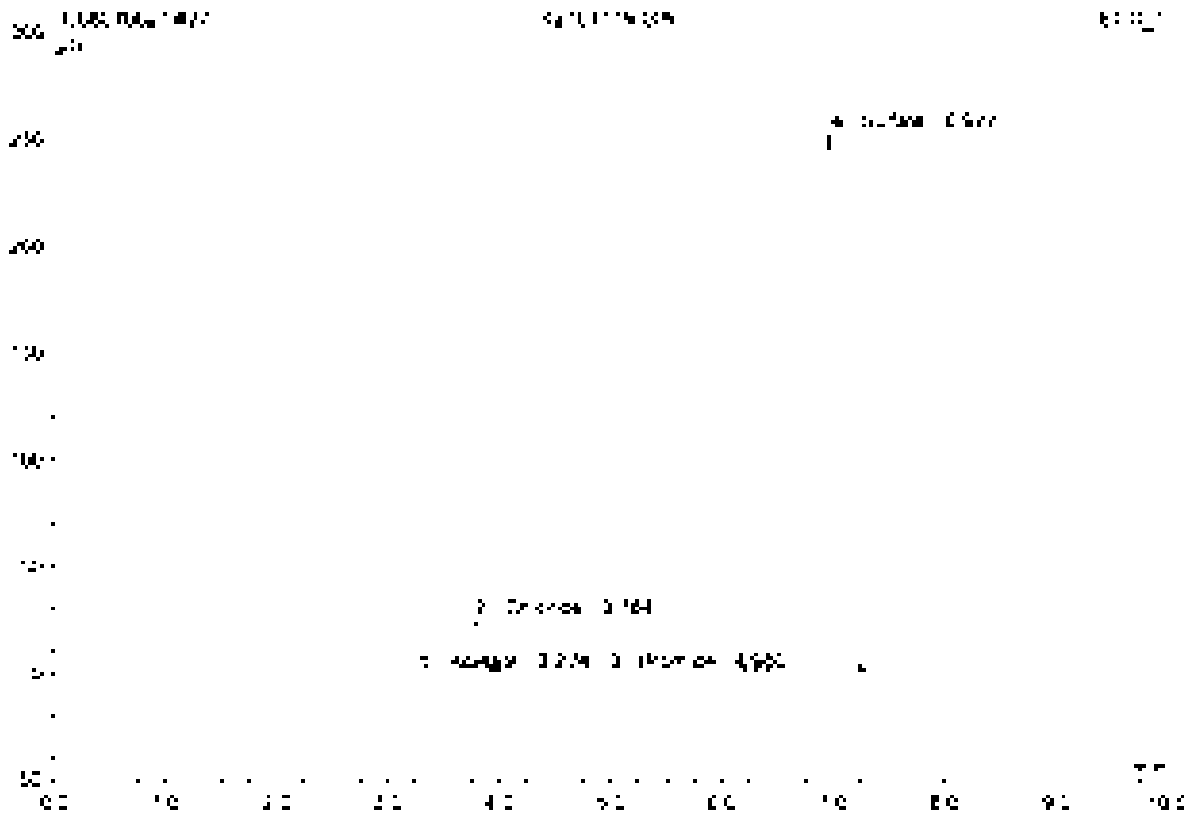
Sample Name	K2107118-008	Injection Volume	25.0
Vial Number	13	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantif. Method	wpa300	Dilution Factor	7.0000
Processing Time	7/4/2021 17:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.29	Acetate	0.275	0.210	0.56	n.a.	BV61
2	3.79	Chloride	2.850	0.345	0.93	3.865	BMB
3	4.95	Bromide	0.039	0.006	0.02	0.165	BV8
4	5.95	n.a.	0.395	0.019	0.05	n.a.	BMR
5	6.86	Sulfate	518.201	36.577	98.44	393.975	BV8
Total:			521.460	37.156	100.00	398.035	

27 K2107119-009

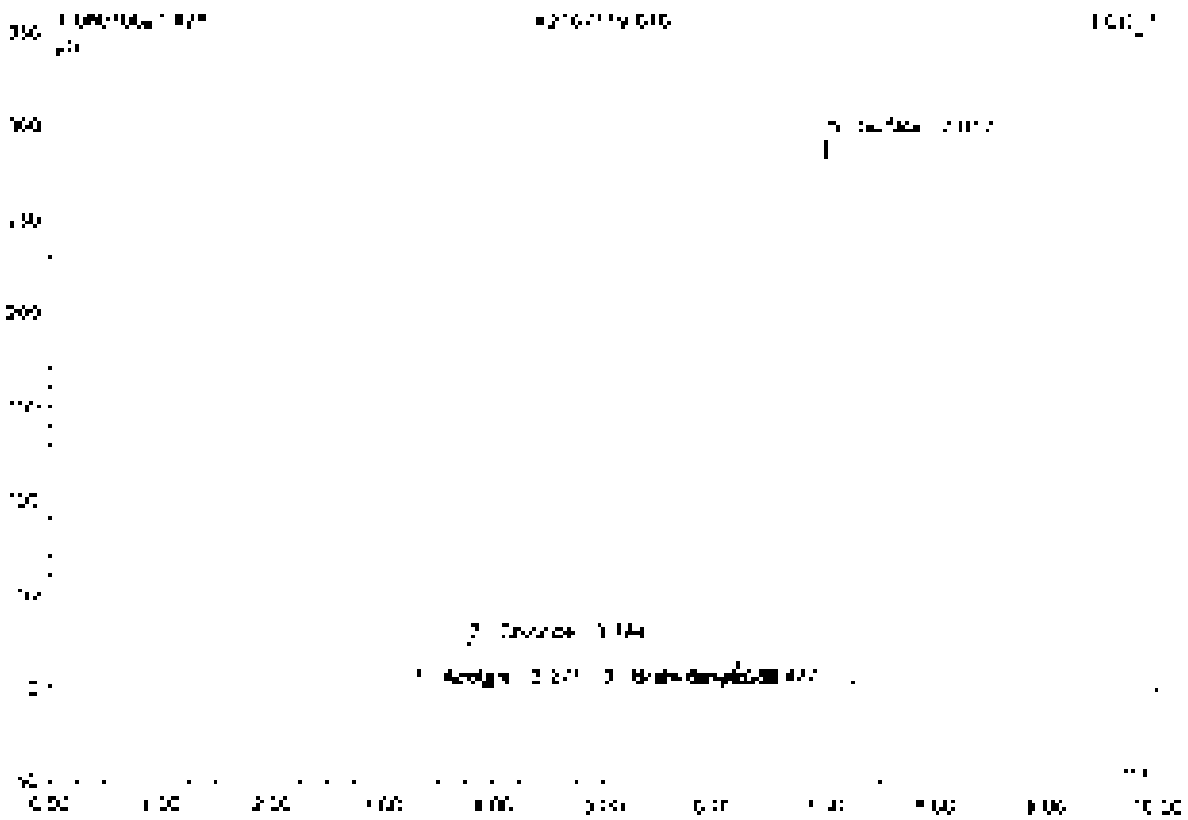
Sample Name	K2107119-009	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/6/2021 17:29	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	RelTime min	Peak Name	Height µS	Area µS*min	RelArea %	Amount	Type
1	3.27	Acetate	0.700	0.708	0.12	n.a.	BMB
2	3.78	Chloride	25.356	2.922	3.20	33.794	BMB
3	4.98	Bromide	0.743	0.027	0.02	0.606	BMB
4	6.98	Sulfate	250.514	88.231	96.66	1432.558	BMB
Total:			276.743	91.282	100.00	1466.517	

28 K2107119-010

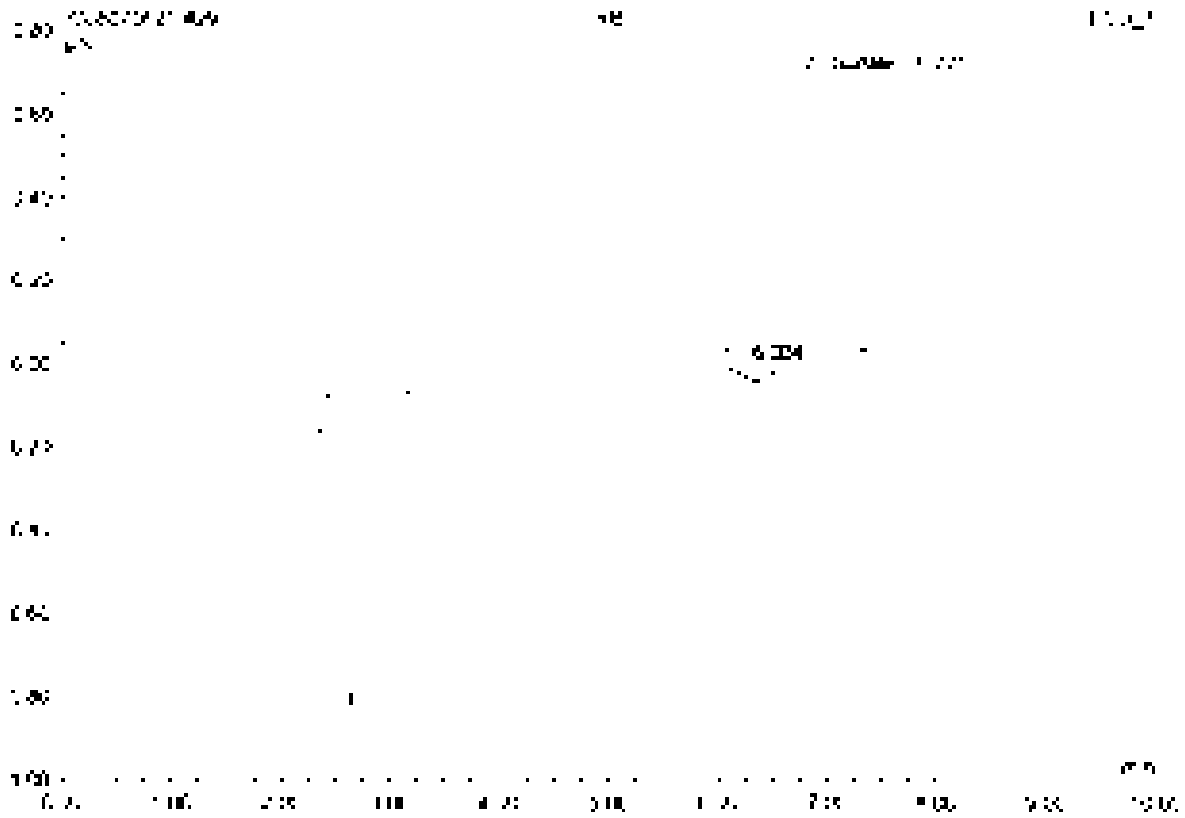
Sample Name	K2107119-010	Injection Volume	25.0
Vial Number	16	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	2.0000
Recording Time	7/6/2021 17:41	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Acetate	[illegible]	[illegible]	[illegible]	n.a.	BV B
2	3.78	Chloride	24.940	[illegible]	2.51	32.133	BMB
3	4.98	Bromide	0.179	0.022	0.02	0.518	BV B
4	5.49	Nitrate	0.124	0.019	0.02	[illegible]	BV B
5	[illegible]	Sulfate	289.125	107.806	97.34	1750.332	BV B
Total:			[illegible]	[illegible]	100.00	1783.236	

29 RB

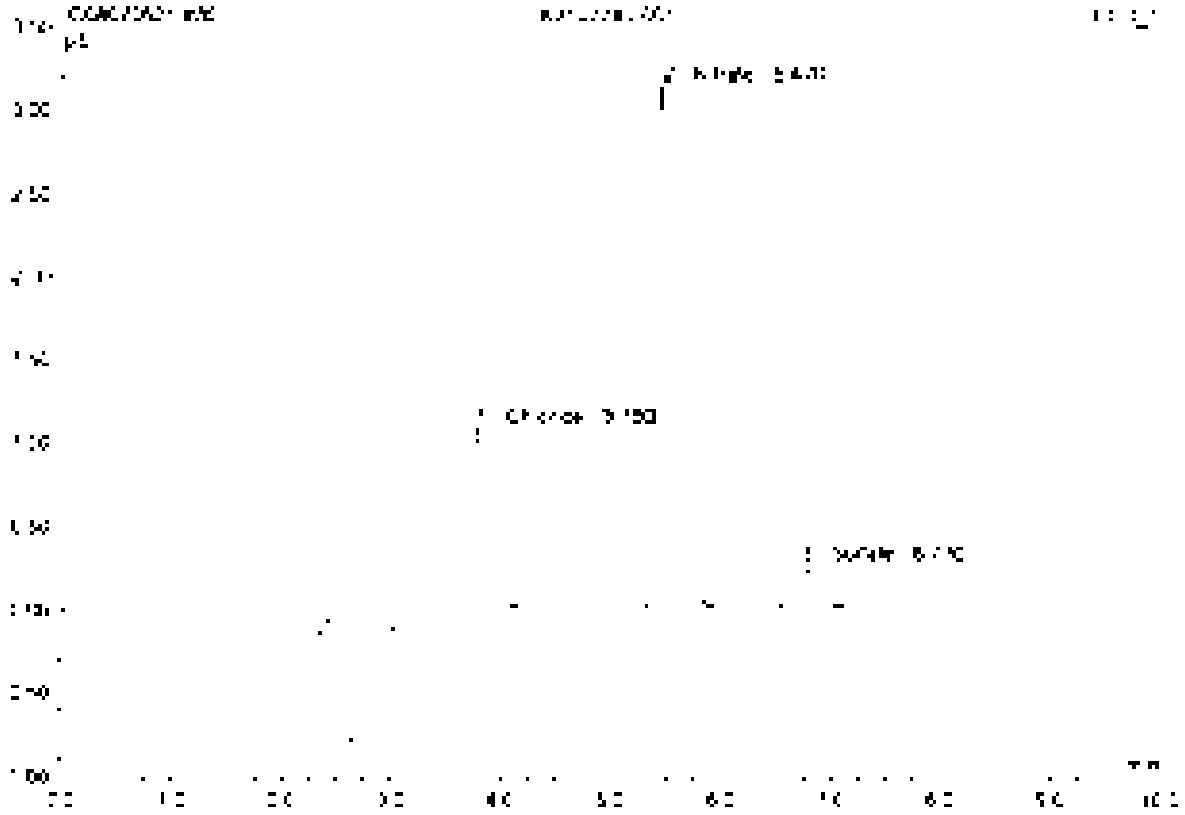
Sample Name	RB	Injection Volume	25.0
Vial Number	56	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/6/2021 17:52	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	RelTime min	Peak Name	Height µS	Area µS*min	RelArea %	Amount	Type
1	6.02	n.a.	0.102	1.366	86.19	n.a.	BMB
2	6.77	Sulfate	0.703	0.219	13.81	1.780	bMB
Total:			0.805	1.586	100.00	1.780	

30 K2107740-001

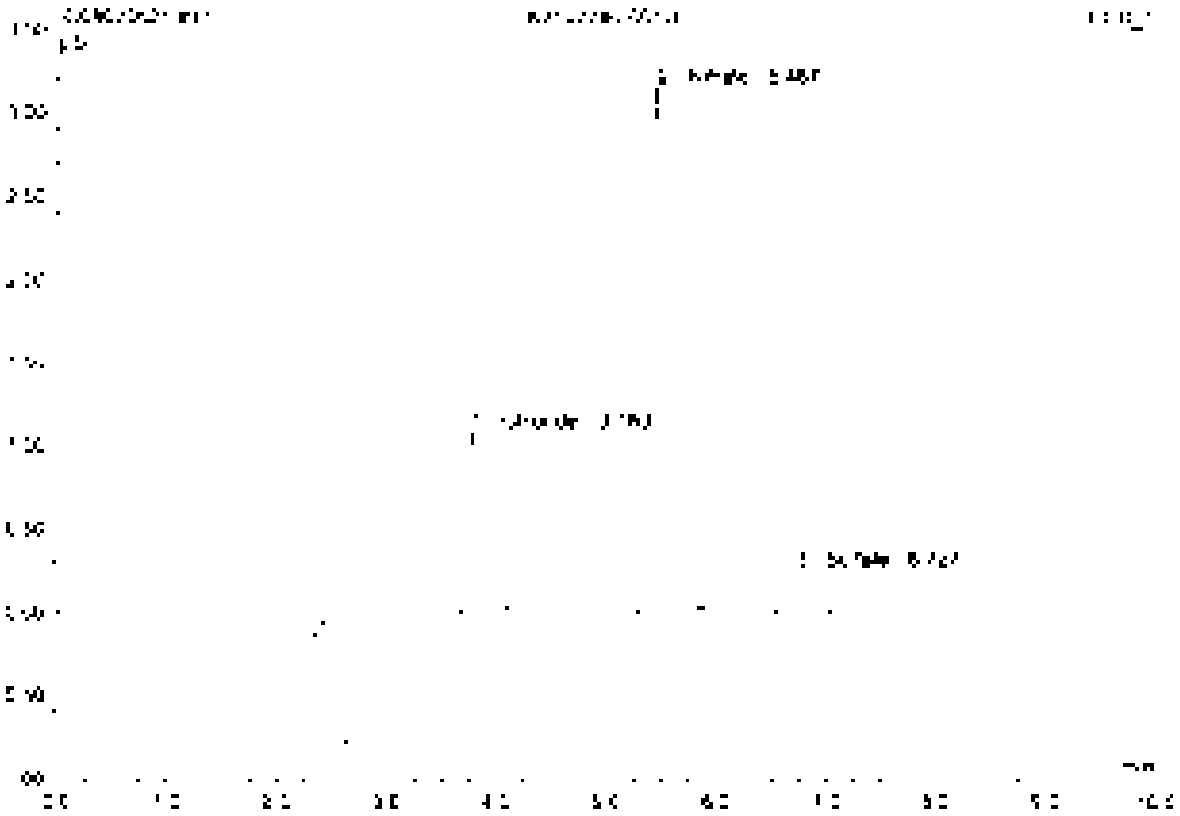
Sample Name	K2107740-001	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	2.0000
Processing Time	[illegible] 13:04	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chlorate	[illegible].868	0.[illegible]28	15.39	[illegible].485	BMB
2	5.47	Nitrate	2.[illegible]34	0.507	32.47	2.419	BMB
3	6.[illegible]0	Sulfate	6.256	0.064	9.13	[illegible].038	BMB
Total			8.480	0.[illegible]20	100.00	4.934	

31 K2107740-001D

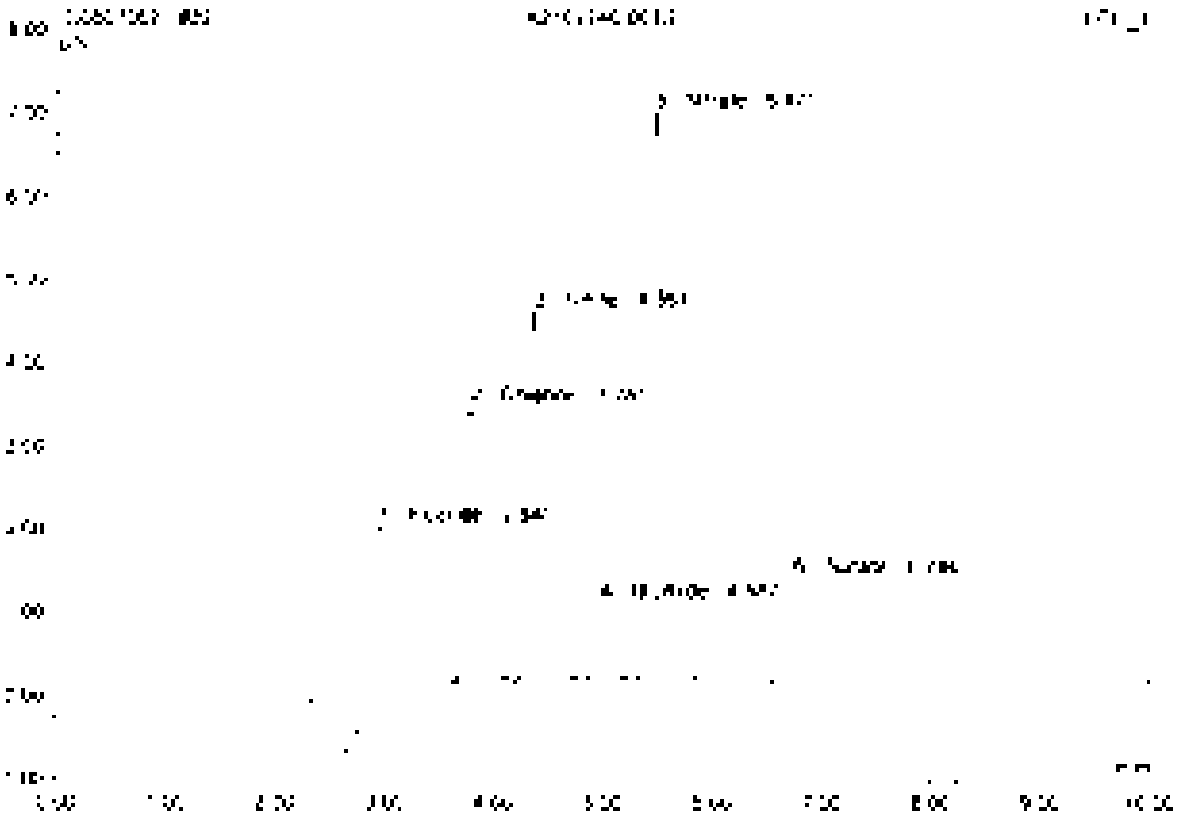
Sample Name	K2107740-001D	Injection Volume	25.0
Vial Number	17	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	2.0000
Processing Time	7/6/2021 1:01:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chloride	1.084	0.129	15.37	1.489	BMB
2	5.47	Nitrate	2.148	0.610	72.68	2.424	BMB
3	6.73	Sulfate	0.258	0.063	7.96	0.623	BMB
Total			3.490	0.802	100.00	4.535	

32 K2107740-001S

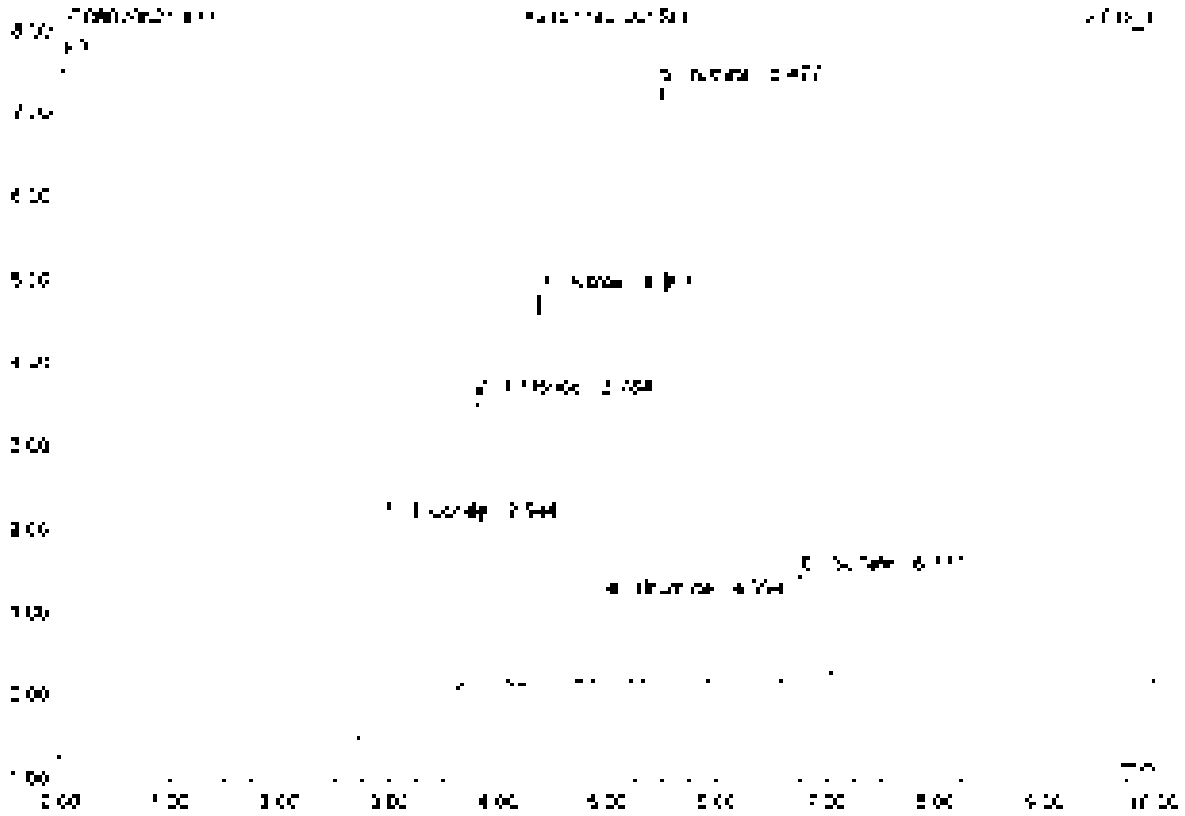
Sample Name	K2107740-001S	Injection Volume	25.0
Vial Number	18	Channel	EGD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Column Temp.	40.0000
Recording Time	7/8/2021 18:28	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.56	Fluoride	2.376	0.624	19.42	0.937	BMB
2	3.78	Chloride	3.310	0.390	12.13	5.019	BMB
3	4.36	Nitrite	8.657	0.694	21.61	7.835	BMB
4	4.90	Bromide	0.949	0.138	4.22	7.551	BMB
5	5.47	Nitrate	6.831	1.097	34.15	10.433	BMB
6	6.74	Sulfate	1.254	0.271	8.45	8.810	BMB
Total:			19.178	3.213	100.00	43.657	

33 K2107740-001SD

Sample Name	K2107740-001SD	Injection Volume	25.0
Vial Number	19	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	4.0000
Recovery Time	7/6/2021 18:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

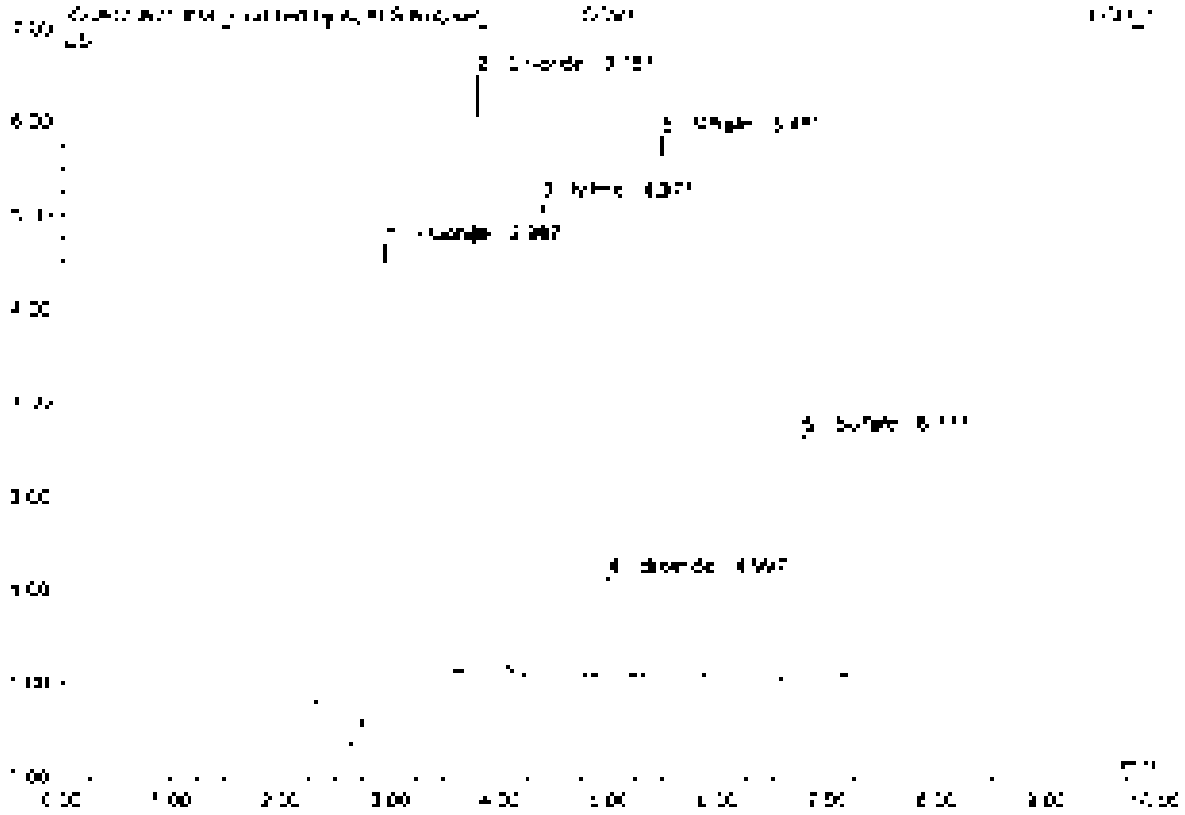


No	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	2.96	Fluoride	2.480	0.648	14.21	10.016	BMB
2	3.78	Chloride	2.458	0.458	12.10	9.425	BMB
3	4.37	Nitrite	4.734	0.734	21.75	8.265	BVB
4	4.98	Bromide	1.904	0.144	4.27	8.118	BVB
5	5.49	Nitrate	7.165	1.152	34.18	16.952	BVB
6	6.77	Sulfate	1.297	0.285	8.45	9.243	BVB
Total:			20.112	3.370	100.00	56.395	

34 CCV3

passed for F only

Sample Name	CCV3	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	7/8/2021 16:51	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

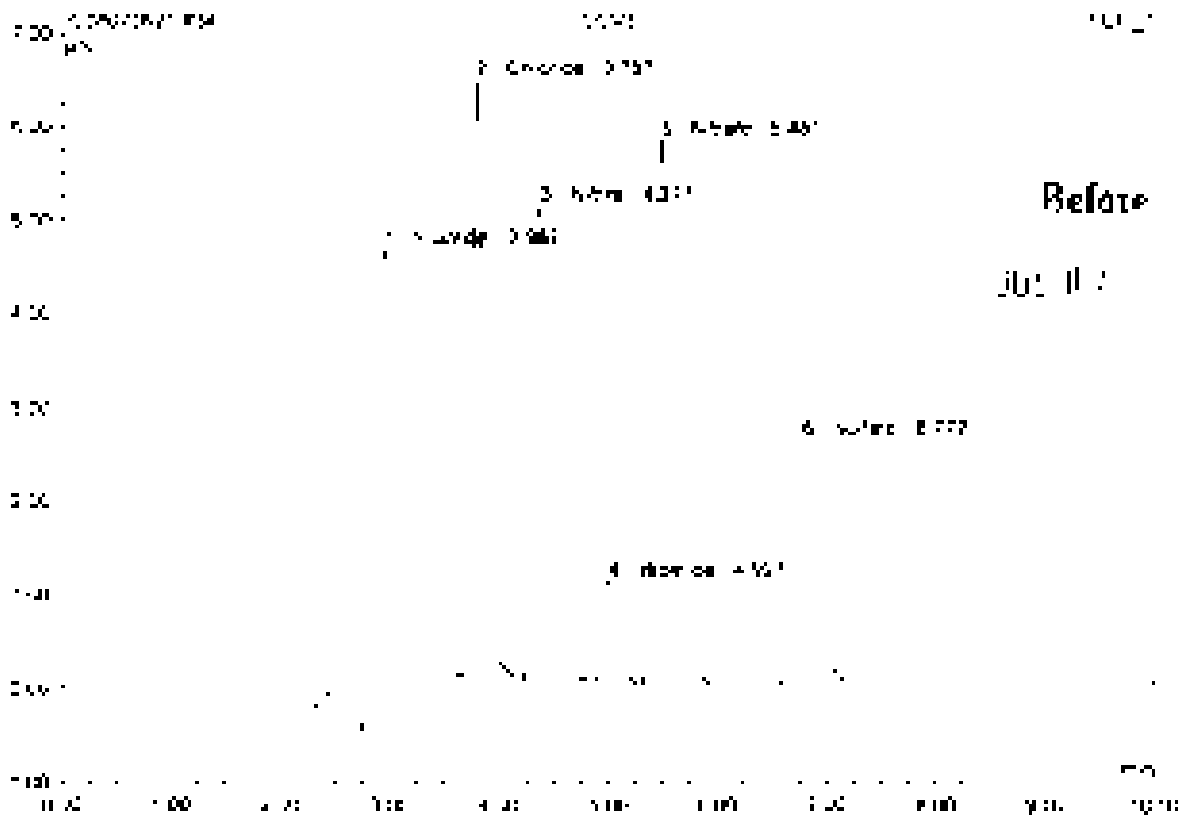


No	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.46	Fluoride	5.074	1.767	26.35	4.606	BMB*
2	3.19	Chloride	6.272	0.743	17.19	4.294	BMB*
3	4.37	Nitrite	5.074	0.752	18.31	2.225	BMB
4	5.00	Bromide	1.074	0.150	3.54	2.155	BMB
5	5.48	Nitrate	5.790	0.929	21.49	2.205	BMB
6	6.78	Sulfate	2.603	0.550	12.71	4.462	BMB
Total:			25.527	4.324	100.00	19.946	

34 CCV3

passed for F only

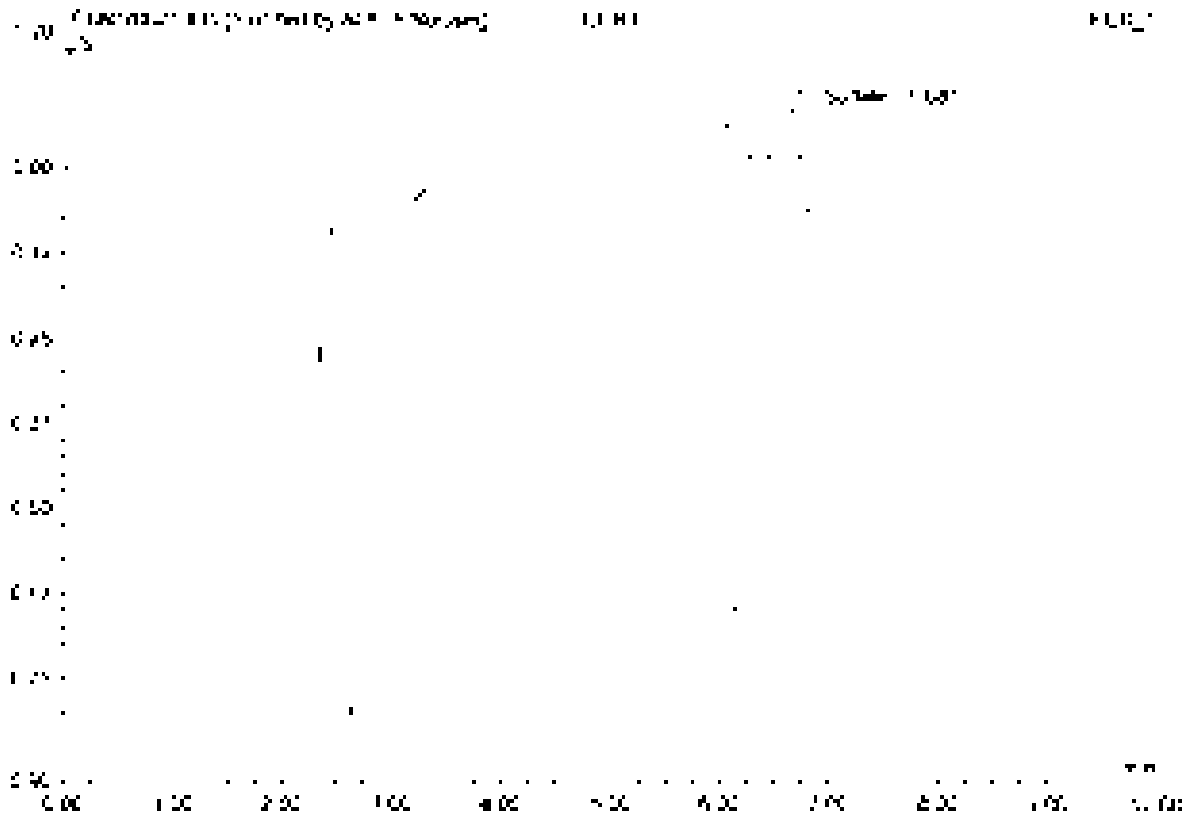
Sample Name	CCV3	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	7/6/2021 18:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	5.025	[illegible]	27.10	4.049	BMB
2	3.78	Chloride	6.372	0.743	17.17	4.294	BMB
3	4.27	Nitrite	5.074	0.792	18.22	2.225	BMB
4	5.00	Bromide	1.074	0.153	3.53	2.159	BMB
5	5.48	Nitrate	5.790	0.929	21.38	2.209	BMB
6	6.78	Sulfate	2.603	0.553	12.61	4.452	BMB
Total			25.938	4.345	100.00	20.038	

35 CCB3

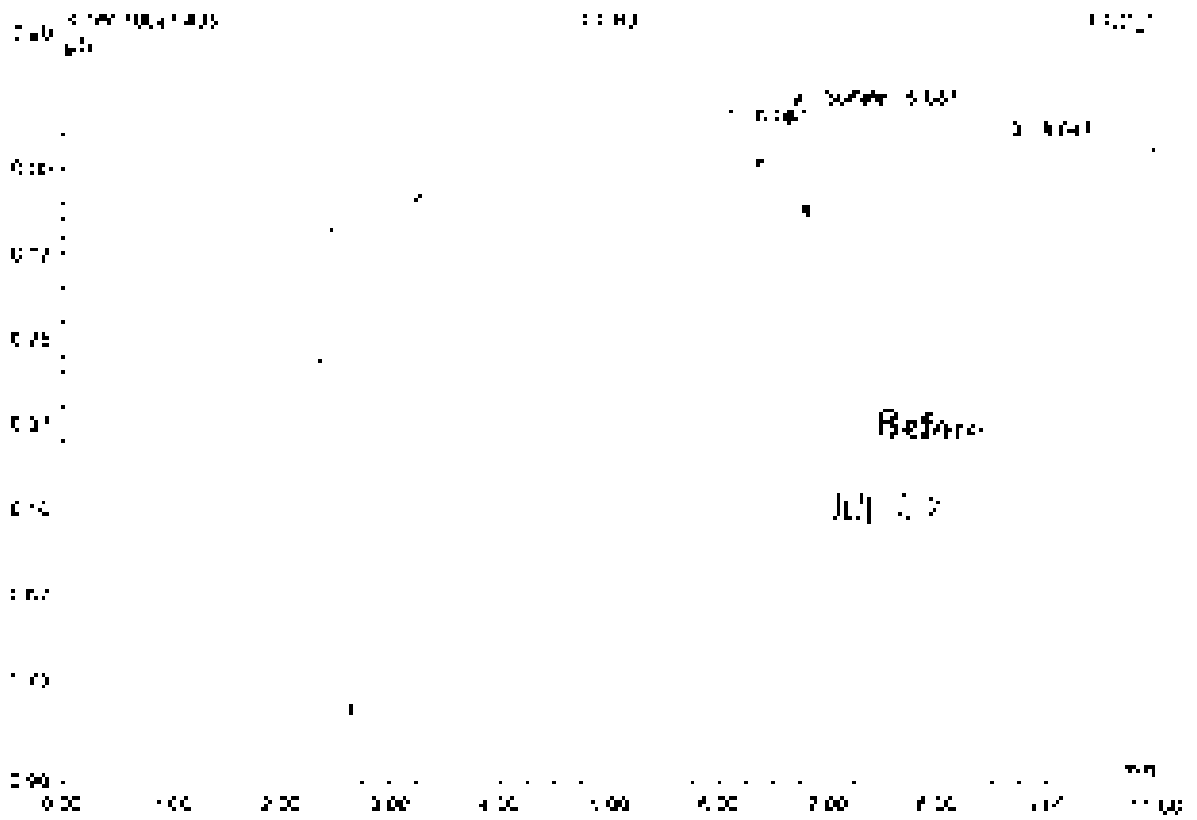
Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/8/2021 18:03	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
[illegible]	6.65	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

35 CCB3

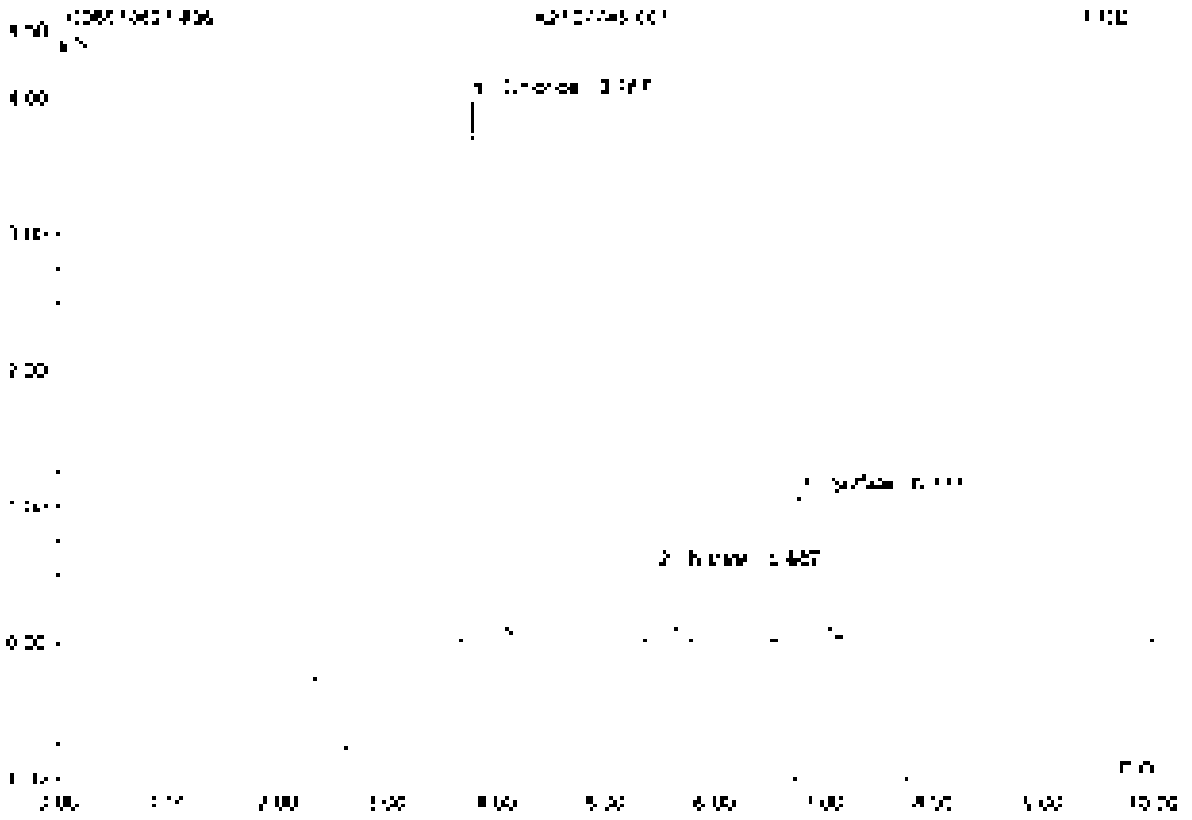
Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/6/2021 19:03	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.07	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
2	5.63	Sulfate	0.100	0.006	1.57	0.199	BMB
3	8.65	n.a.	0.053	0.175	11.21	n.a.	BMB
Total:			0.303	1.559	100.00	0.199	

36 K2107745-001

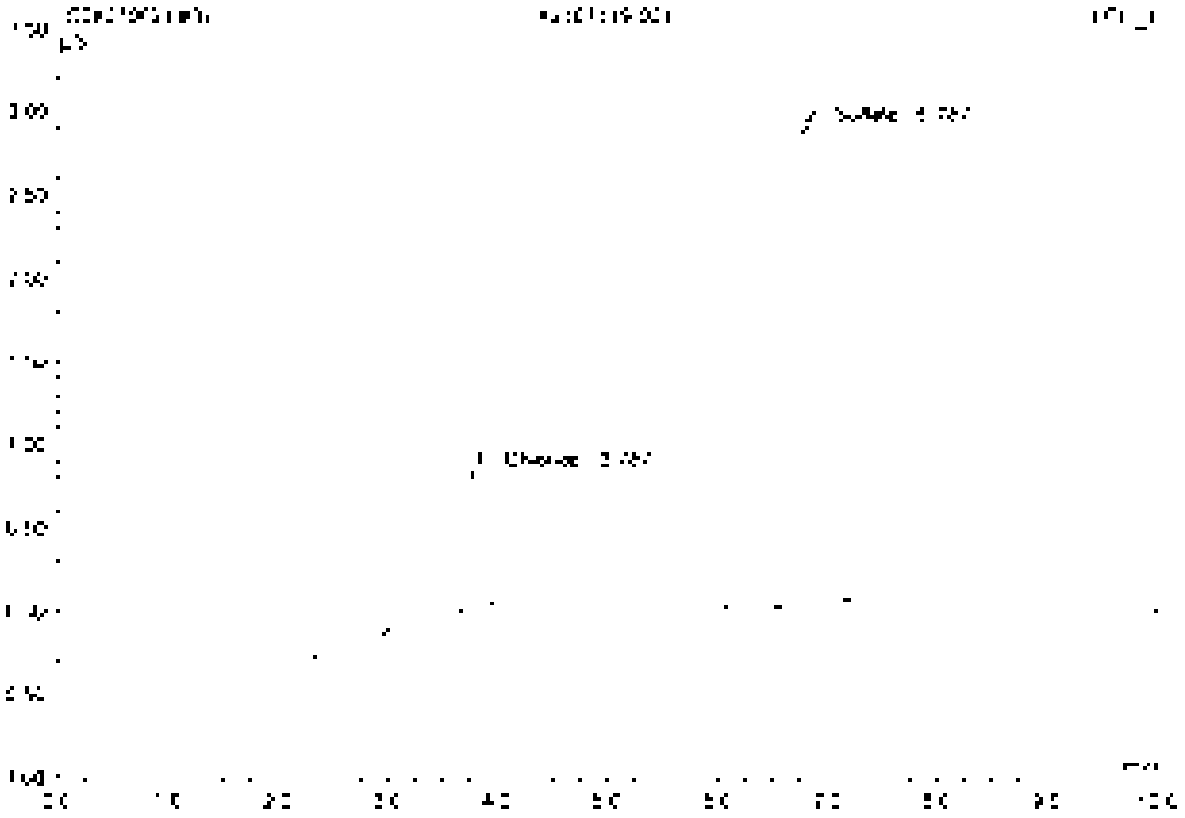
Sample Name	K2107745-001	Injection Volume	25.0
Vial Number	30	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/6/2021 19:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.73	Chloride	3.970	0.468	58.90	5.401	BM3
2	5.49	Nitrate	0.519	0.084	10.60	0.430	BM9
3	6.45	Sulfate	1.073	0.242	30.51	3.932	BM9
Total:			5.562	0.794	100.00	9.763	

37 K2107119-001

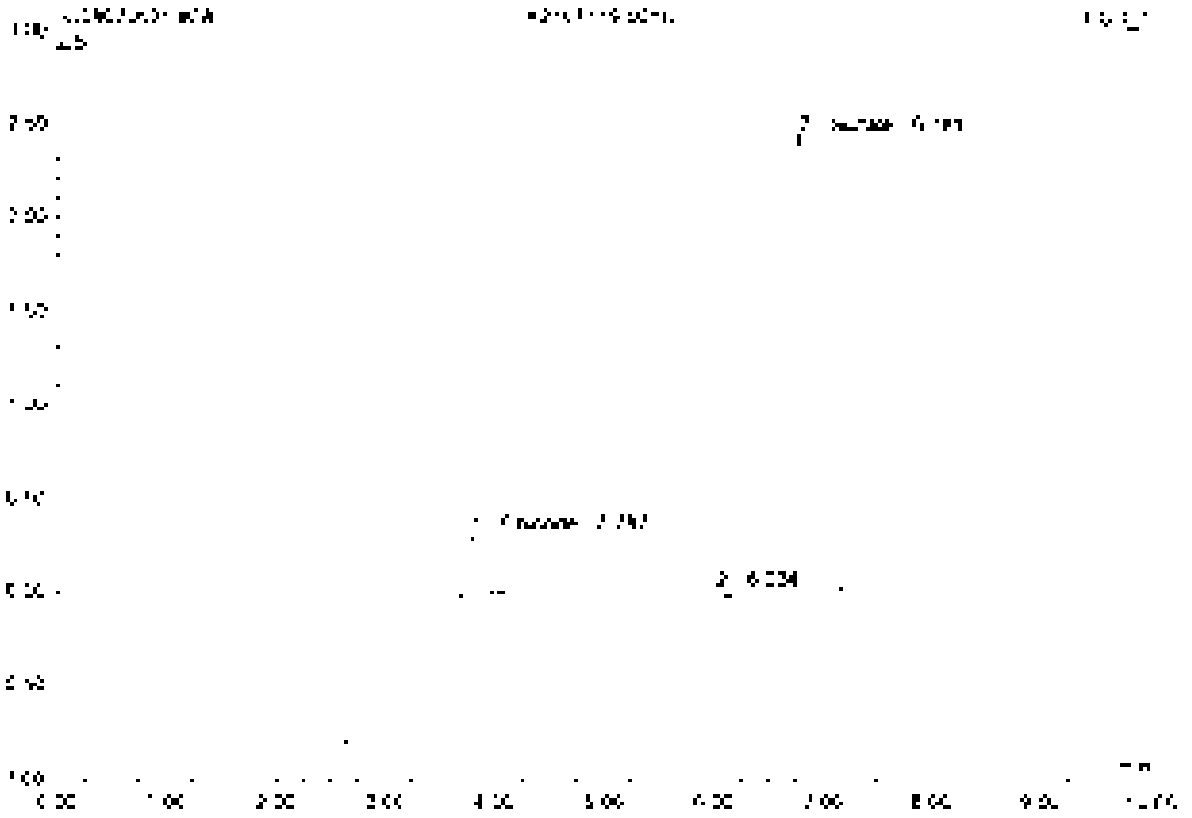
Sample Name	K2107119-001	Injection Volume	25.0
Vial Number	37	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	20.0000
Recording Time	7/6/2021 10:24	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.79	Chlorate	0.034	0.065	13.33	[illegible]	BMB
2	5.79	Sulfate	3.276	0.617	86.67	[illegible]	BMB
Total:			3.310	0.712	100.00	[illegible]	

38 K2107119-001D

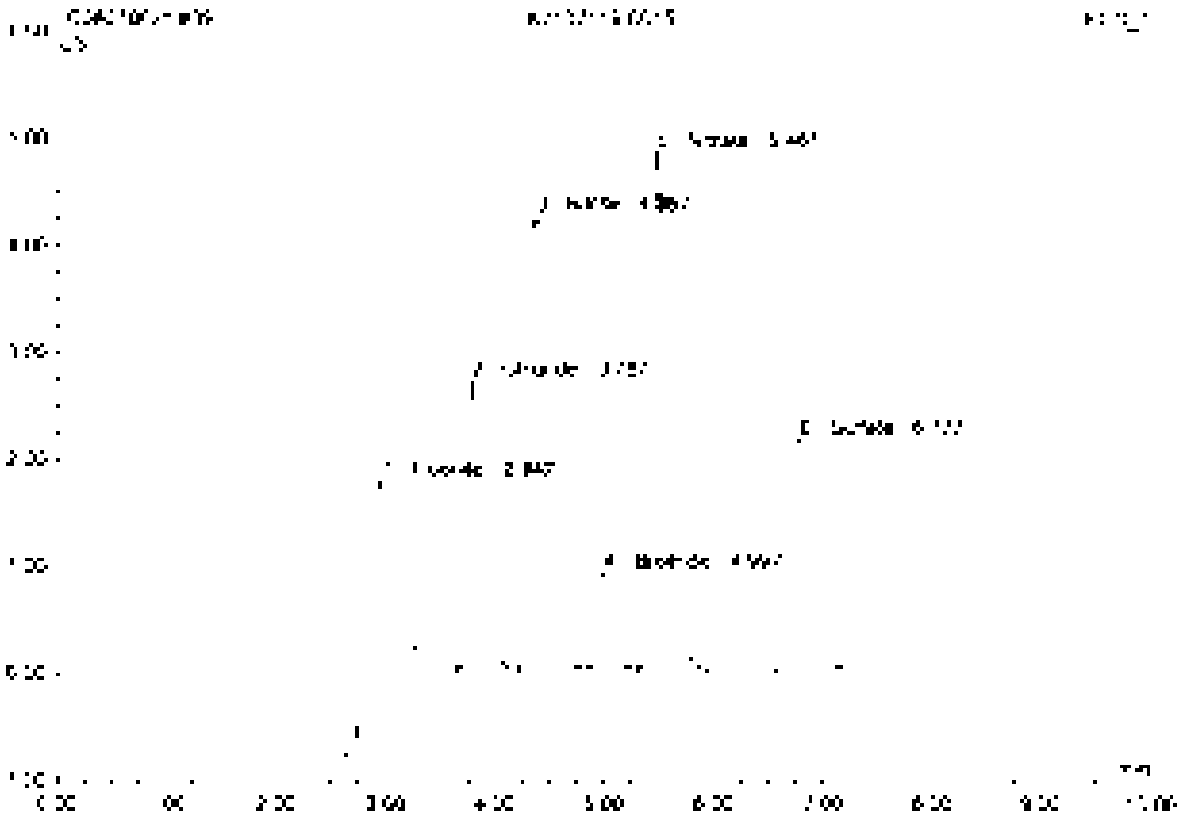
Sample Name	K2107119-001D	Injection Volume	25.0
Vial Number	22	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	20.0000
Processing Time	[illegible] 18:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.75	Chloride	0.033	0.041	7.16	[illegible]	BMB
2	5.02	n.a.	0.002	0.005	0.91	n.a.	BMB
3	5.78	Sulfate	2.444	0.528	91.90	55.683	BMB
Total:			2.809	0.574	100.00	55.683	

39 K2107119-001S

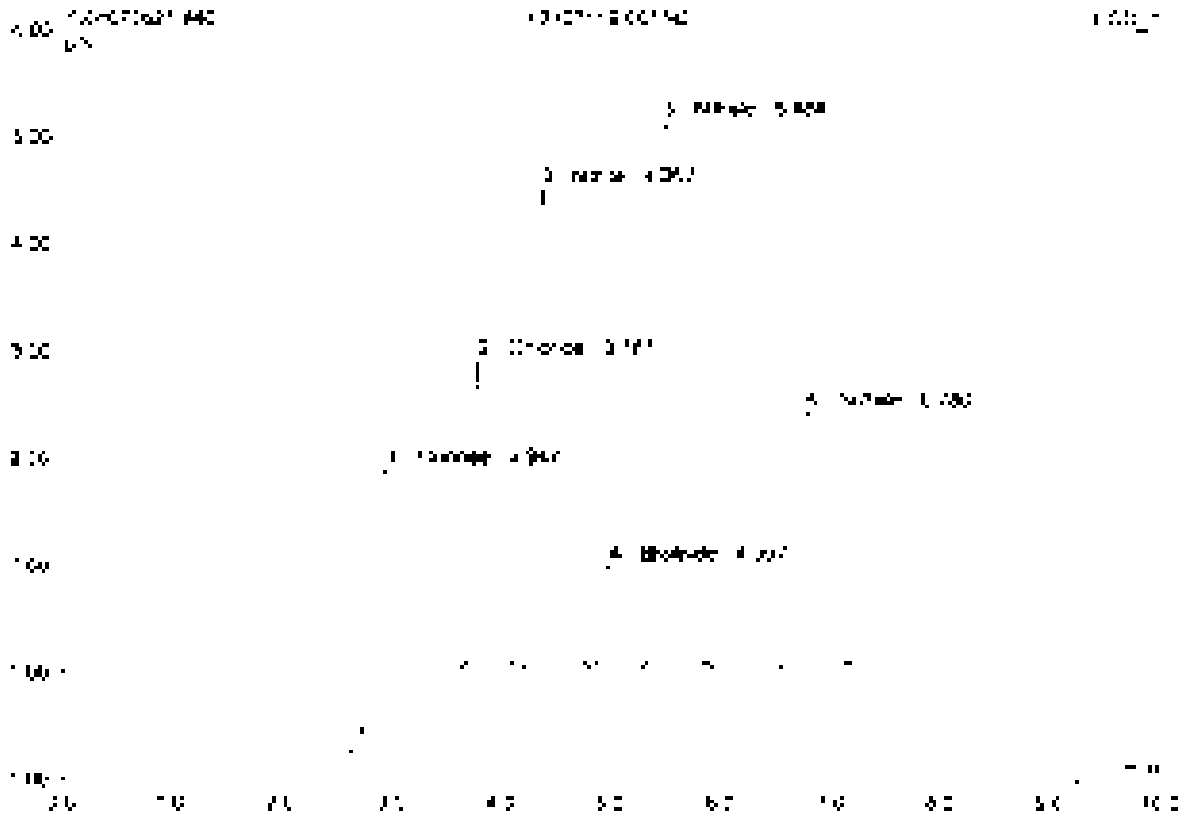
Sample Name	K2107119-001S	Injection Volume	25.0
Vial Number	74	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Sensitivity	n.a.
Quant Method	epa300	Dilution Factor	40.0000
Processing Time	7/6/2021 19:49	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	2.248	0.652	20.36	95.536	BMB
2	3.75	Chloride	2.692	0.378	10.76	75.601	BMB
3	4.37	Nitrite	4.753	0.663	22.42	74.546	BMB
4	5.00	Bromide	0.906	0.130	4.39	73.248	BMB
5	5.48	Nitrate	4.804	0.780	25.30	74.142	BMB
6	6.78	Sulfate	2.164	0.464	15.70	150.835	BMB
Total:			17.597	2.958	100.00	542.236	

40 K2107119-001SD

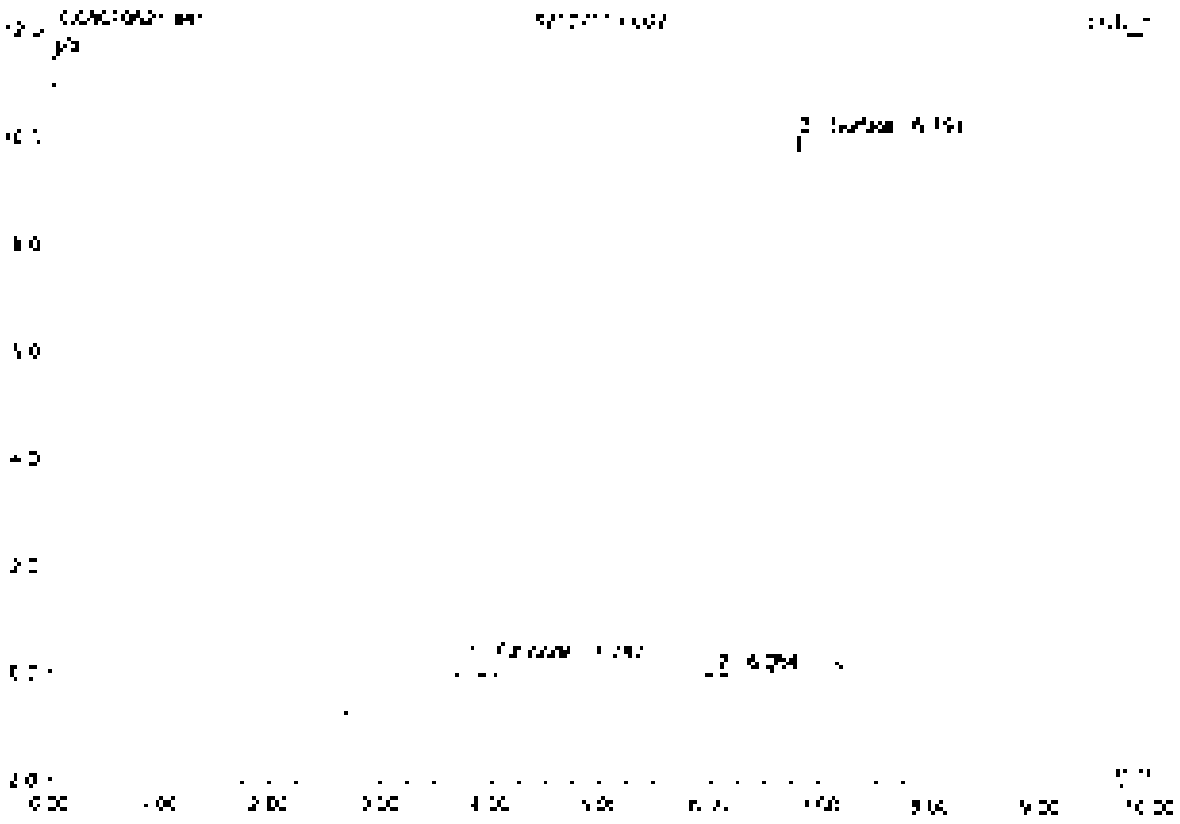
Sample Name	K2107119-001SD	Injection Volume	25.0
Vial Number	24	Channel	EGD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	40.0000
Recording Time	7/6/2021 20:01	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	2.354	0.027	19.58	95.016	BMB
2	3.79	Chloride	2.870	0.039	10.79	78.256	BMB
3	4.37	Nitrite	4.452	0.102	22.05	78.854	BMB
4	5.30	Bromide	0.954	0.131	4.35	[illegible].011	BMB
5	5.48	Nitrate	5.110	0.823	26.70	78.220	BMB
6	6.78	Sulfate	7.396	0.513	16.34	165.612	BMB
Total:			[illegible]	3.140	100.00	578.905	

41 K2107119-002

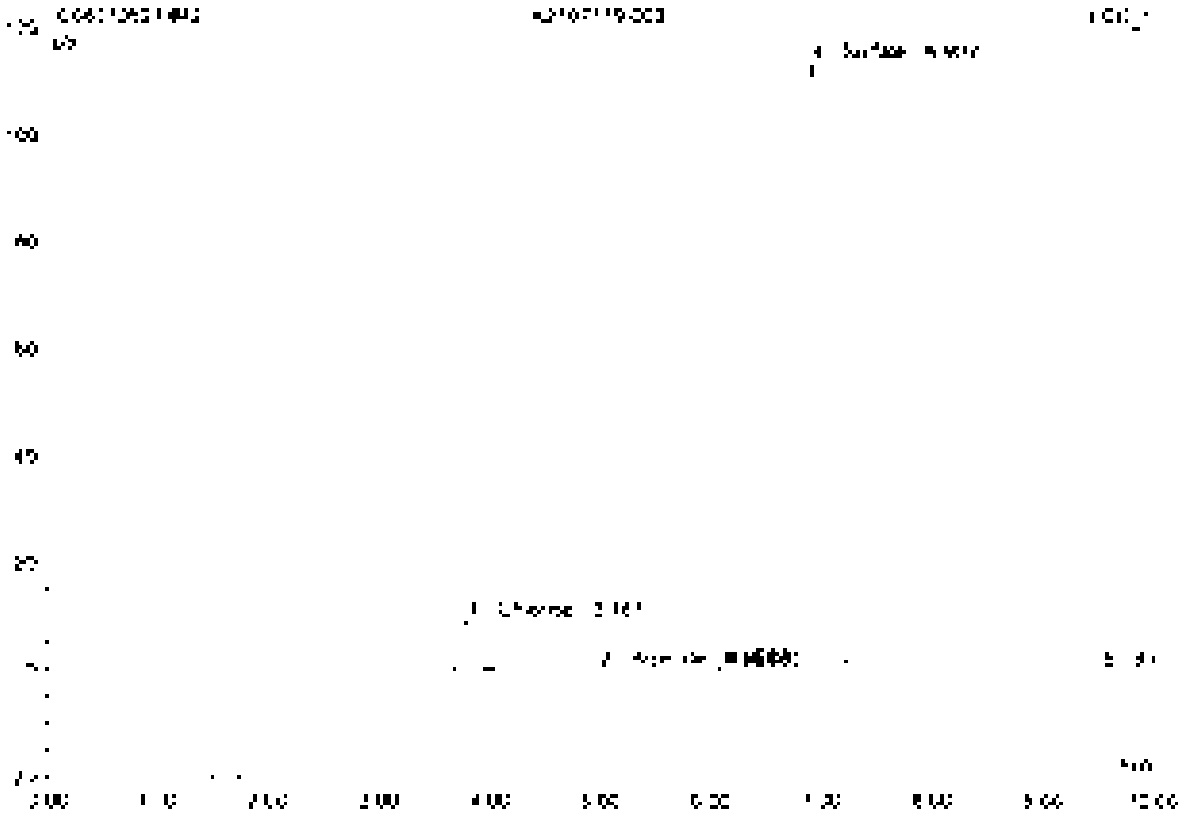
Sample Name	K2107119-002	Injection Volume	25.0
Vial Number	25	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	100.0000
Recording Time	7/6/2021 20:13	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	3.79	Chloride	5.204	0.030	1.38	17.185	BMB
2	6.00	n.a.	0.063	0.012	0.56	n.a.	BMB
3	6.79	Sulfate	4.979	2.116	98.06	1116.555	BV B
Total:			10.246	2.158	100.00	1133.740	

42 K2107119-003

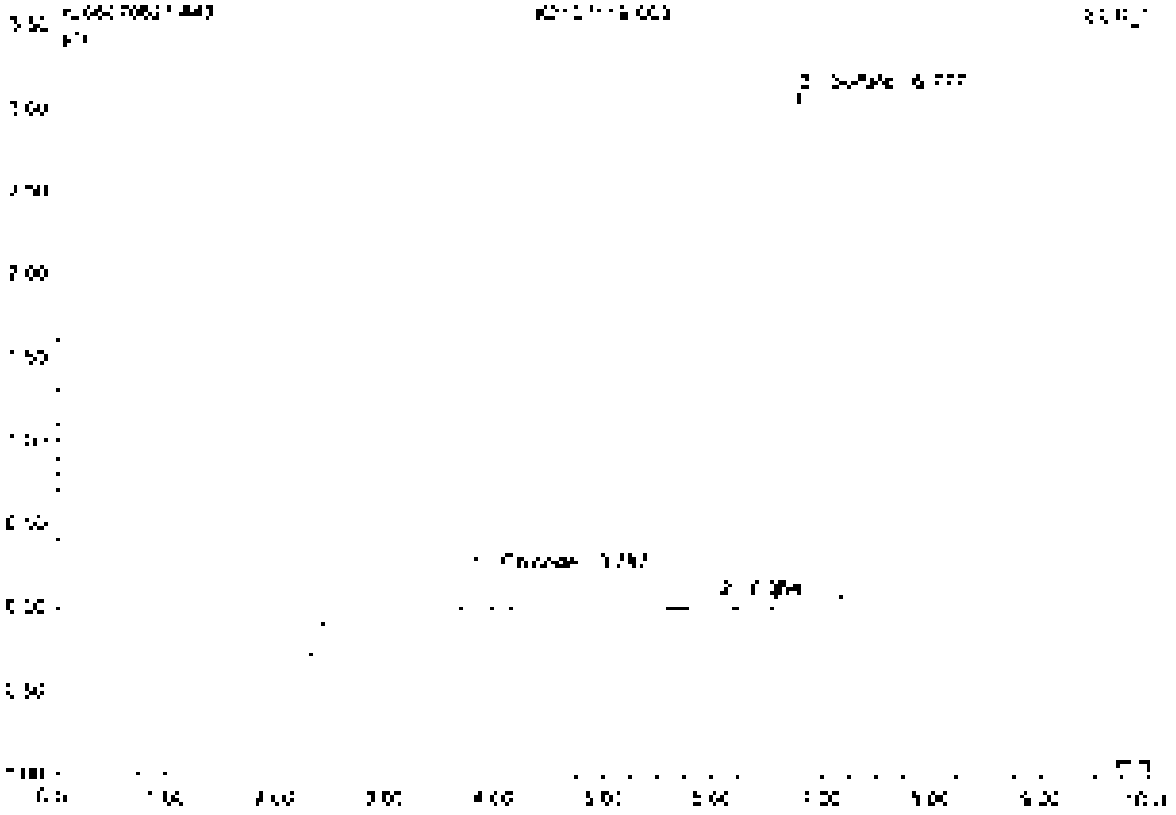
Sample Name	K2107119-003	Injection Volume	[illegible]
Vial Number	26	Channel	ECD [illegible]
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantif. Method	wpa300	Dilution Factor	5.0000
Recording Time	7/6/2021 20:24	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BV R
2	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	BV R
3	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BV R
4	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BV R
5	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BV R
Total			[illegible]	[illegible]	100.00	[illegible]	

43 K2107119-003

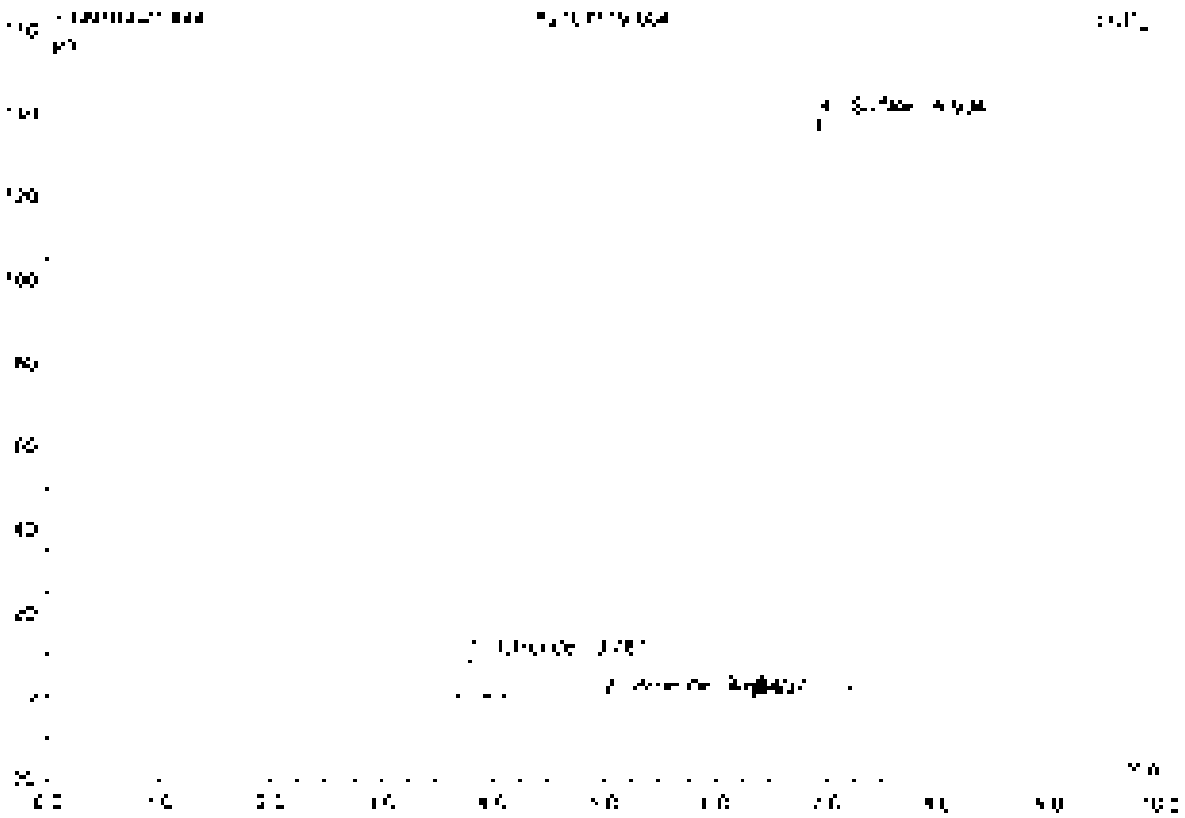
Sample Name	K2107119-003	Injection Volume	25.0
Vial Number	27	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	200.0000
Recording Time	7/6/2021 20:36	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chlorate	0.221	0.030	4.20	34.846	BMB
2	6.08	n.a.	0.051	0.018	2.48	n.a.	BMB
3	6.78	Sulfate	3.079	0.666	93.20	1080.605	BMB
Total:			3.351	0.713	100.00	1115.451	

44 K2107119-004

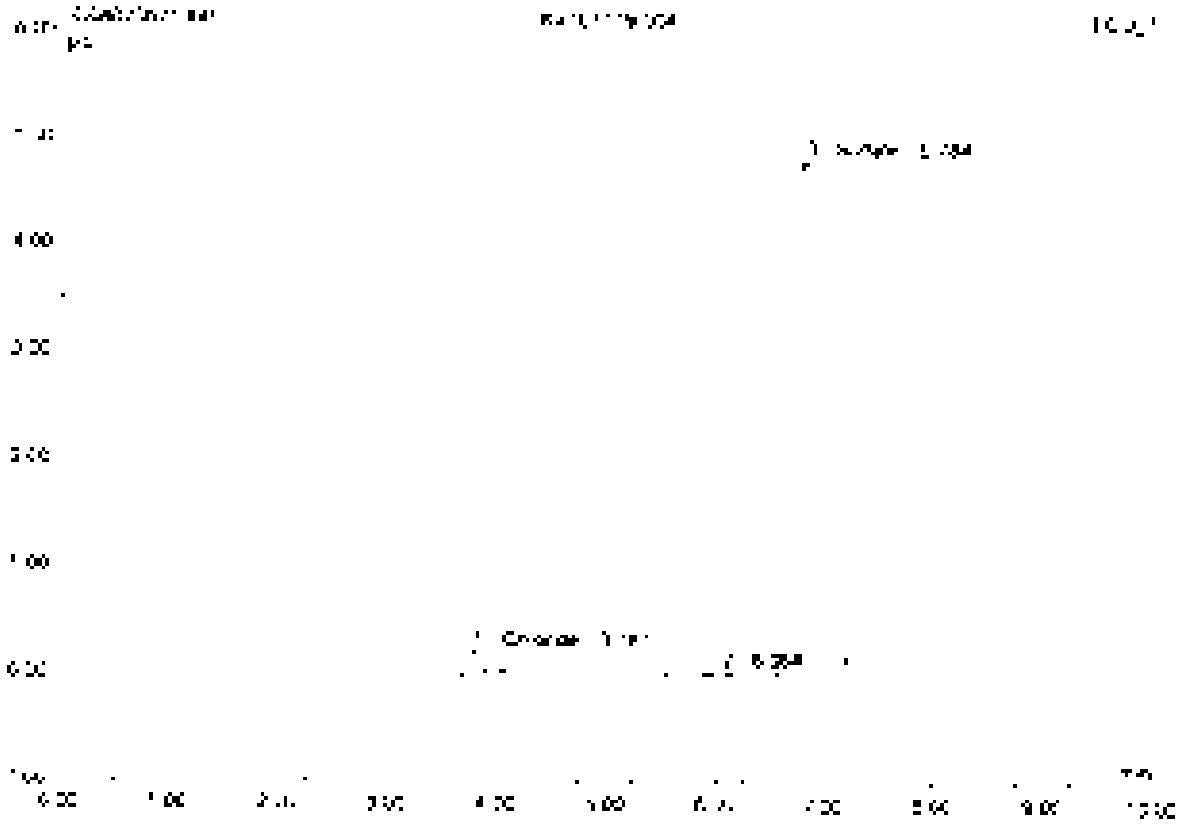
Sample Name	K2107119-004	Injection Volume	25.0
Vial Number	28	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	5.0000
Recording Time	7/6/2021 20:47	Sample Weight	1.0000
Run Time (min)	50.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BM3
2	4.98	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	BV9
3	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BV9
4	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BV9
Total			[illegible]	[illegible]	[illegible]	[illegible]	

45 K2107119-004

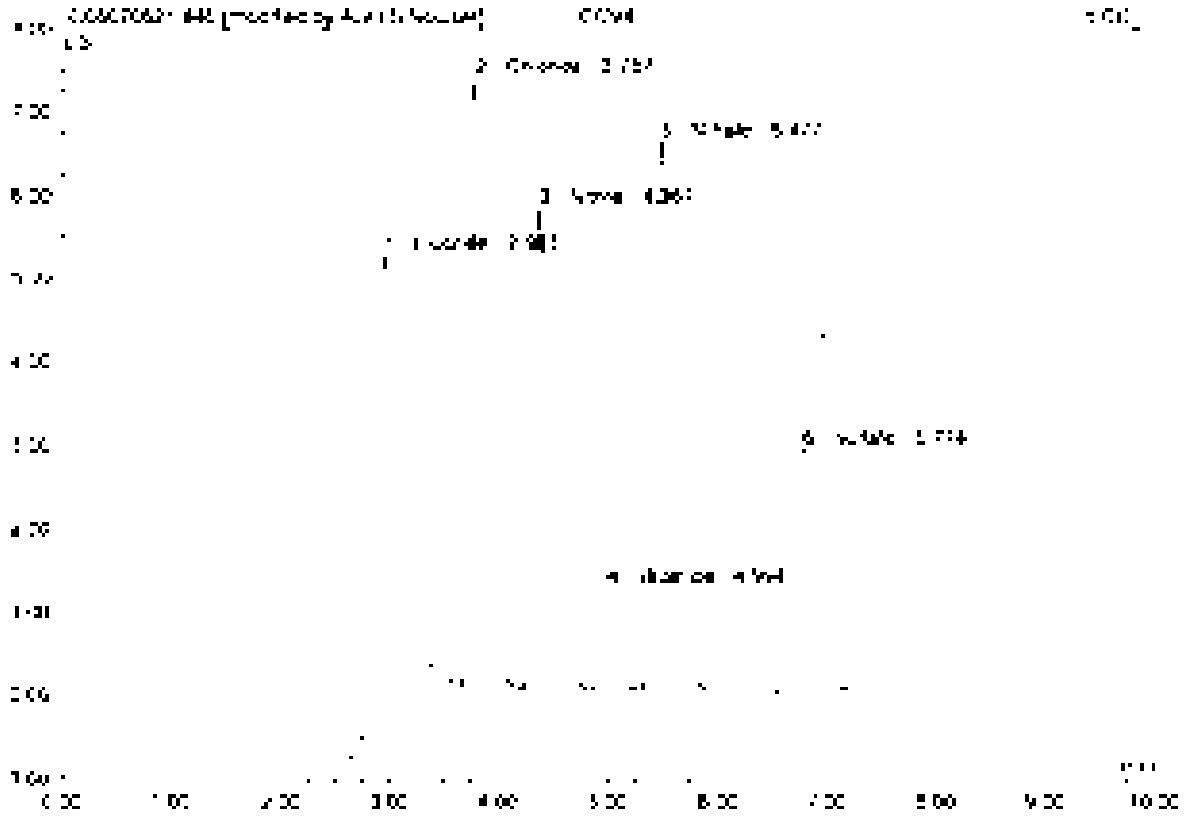
Sample Name	K2107119-004	Injection Volume	3.0
Vial Number	29	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	200.0000
Processing Time	7/6/2021 20:59	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.79	Chloride	0.232	0.030	2.74	35.112	BMB
2	6.35	n.a.	0.055	0.012	1.04	n.a.	BMB
3	6.78	Sulfate	4.765	1.068	96.23	1,134.846	BMB
Total:			5.053	1.110	100.00	1,169.958	

46 CCV4

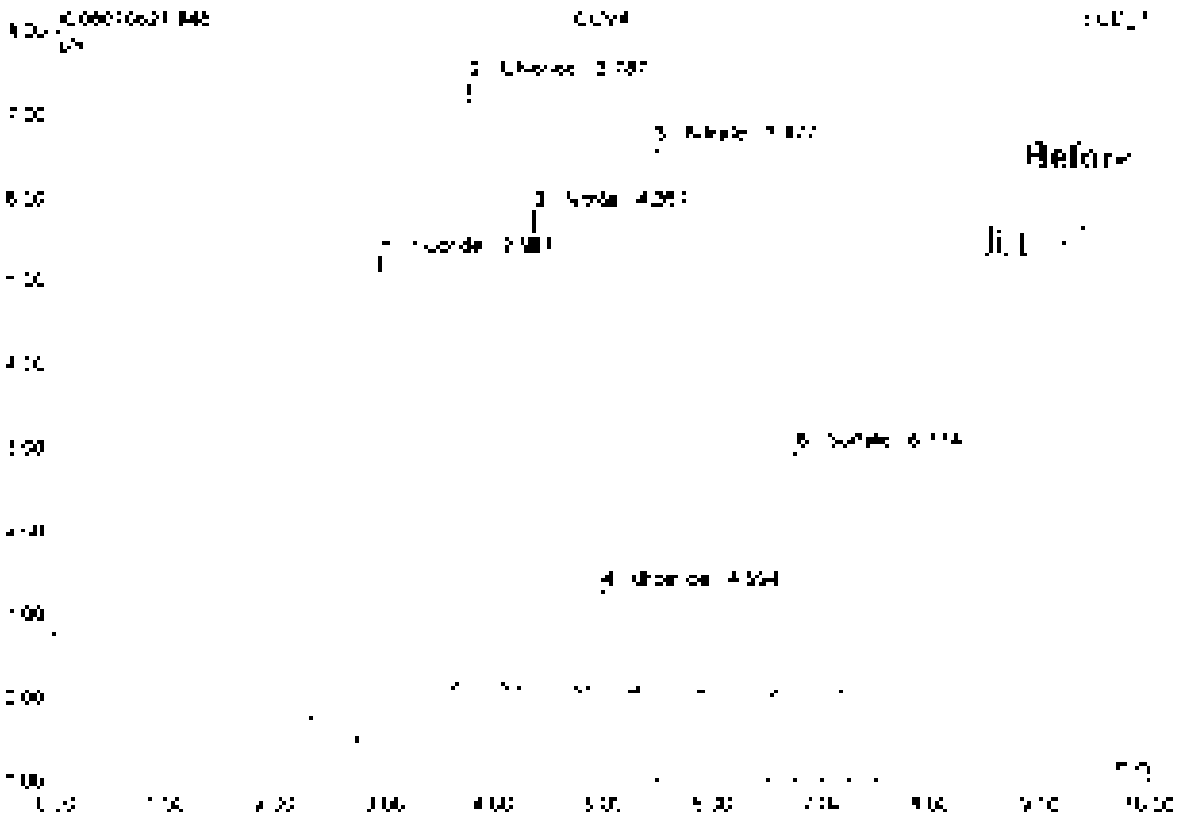
Sample Name	CCV4	Injection Volume	[illegible]
Vial Number	46	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Processing Time	[illegible]21 21:10	Sample Weight	1.0000
Run Time (min.)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	5.654	1.206	26.46	5.150	BV8*
2	3.75	Chloride	7.283	0.845	17.25	4.884	BV8*
3	4.37	Nitrite	5.775	0.720	15.40	2.529	BM8
4	4.99	Bromide	1.219	0.174	3.56	2.454	BV8
5	5.48	Nitrate	6.583	1.047	21.61	2.513	BV8
6	6.77	Sulfate	2.915	0.619	12.65	5.023	BV8
Total			25.442	4.891	100.00	22.562	

46 CCV4

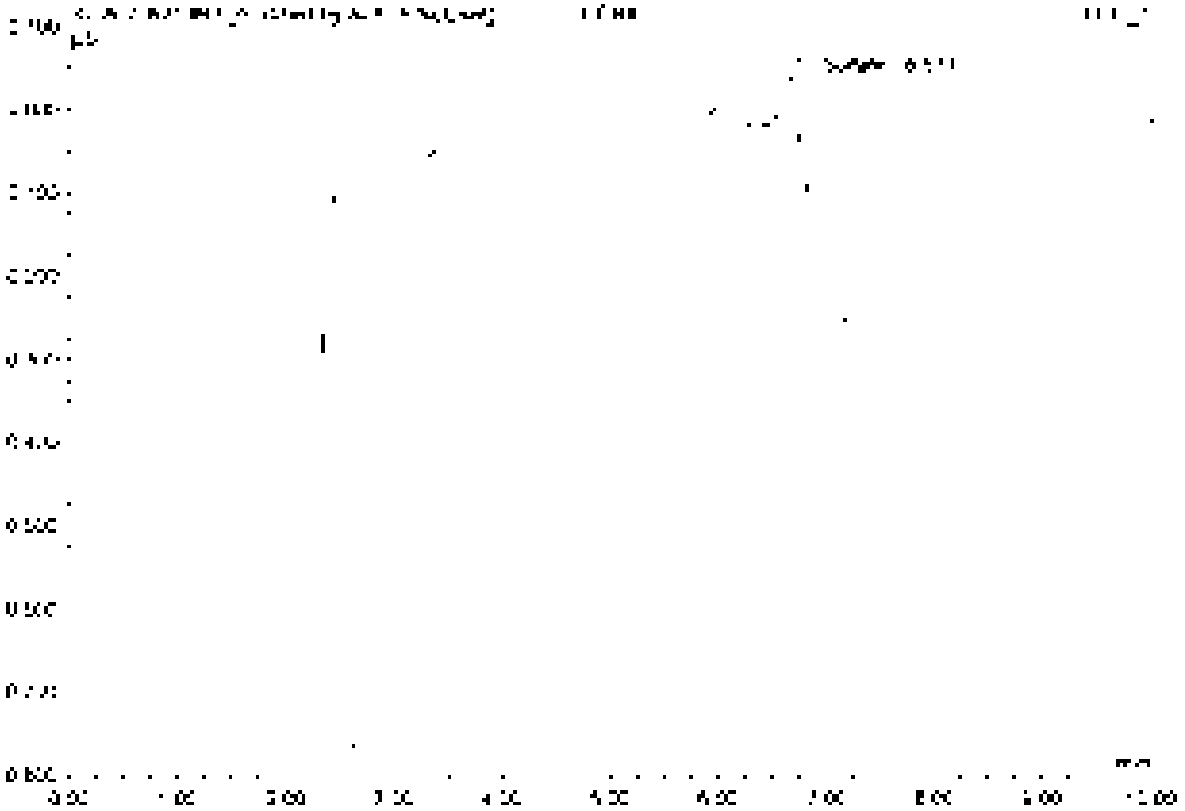
Sample Name	CCV4	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	7/6/2021 21:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.55	Fluoride	5.080	1.340	27.15	5.336	BMB
2	3.79	Chloride	7.203	0.845	17.10	4.084	BMB
3	4.07	Nitrite	5.775	0.900	18.23	2.579	BMB
4	4.50	Bromide	1.219	0.174	3.53	2.454	BMB
5	5.48	Nitrate	8.587	1.057	21.42	2.513	BMB
6	8.77	Sulfate	2.915	0.619	12.54	5.023	BMB
Total:			25.697	4.935	100.00	22.738	

47 CCB4

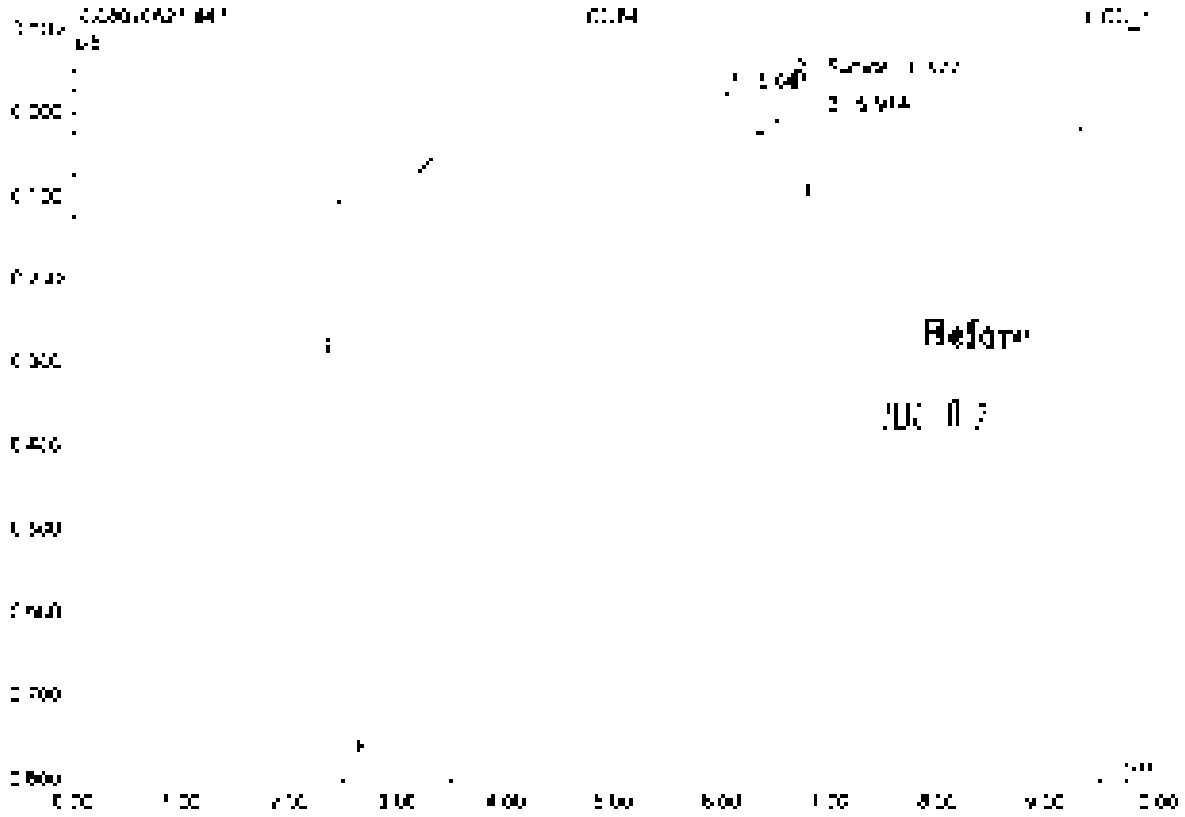
Sample Name	CCB4	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Processing Time	7/6/2021 21:27	Sample Weight	1.0000
Run Time [min]	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.58	Dicamba	0.062	0.008	100.00	0.067	BMB*
Total:			0.062	0.008	100.00	0.067	

47 CCB4

Sample Name	CCB4	Injection Volume	15.0
Vial Number	48	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	7/6/2021 21:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.05	n.a.	0.105	1.247	90.73	n.a.	BMB
2	6.59	S. Iate	0.117	0.022	1.62	0.191	BMB
3	6.97	n.a.	0.059	0.105	7.65	n.a.	BVB
Total:			0.311	1.374	100.00	0.191	

	Yes	No	N/A
Requirements			
1. Holding times met for all samples analyzed?	[illegible]	[illegible]	[illegible]
2. Are blanks free of contamination?			
3. Were peaks manually integrated?			[illegible]
a. Does [illegible] apply?	[illegible]		[illegible]
4. Are detection limits adjusted correctly?	[illegible]	[illegible]	
5. Are quality control criteria met?			[illegible]
a. Method blanks, LCVs, CCVs, LCSs, Dups and Spikes analyzed at the proper frequency?			
b. Are LCVs and CCVs within acceptance limits?	[illegible]	[illegible]	
c. Are results for Method Blanks in ND?			
d. Are LCS samples within acceptance criteria? (Exception: Within the Dup/Spike RPDs only)	[illegible]	[illegible]	[illegible]
e. Are surrogates acceptable?		[illegible]	[illegible]
6. Are samples acceptable?	[illegible]		[illegible]

GAS Standard Operating Procedure Approved Exceptions for Chromatograms

G1. Sample was analyzed past the end of recommended holding time. See Narrative for details.
G2. Sample was [illegible] past the end of recommended holding time. [illegible] was performed within recommended holding time.
G4. Sample was [illegible] past the end of recommended holding time.
G5. High RPD [illegible] Sample [illegible] Method Holding [illegible]
I. MRL [illegible] because of matrix interferences and the sample required diluting.
T. Sample [illegible]

LCS	[illegible]	[illegible]	[illegible]
Fluoride	True Value: [illegible]	[illegible]	
Chloride	True Value: [illegible]	[illegible]	
Nitrite	True Value: [illegible]	[illegible]	
Bromide	True Value: [illegible]	[illegible]	
Nitrate	True Value: [illegible]	[illegible]	
Sulfate	True Value: [illegible]	[illegible]	

LCV	[illegible]	[illegible]	[illegible]
Fluoride	True Value: [illegible]	[illegible]	
Chloride	True Value: [illegible]	[illegible]	
Nitrite	True Value: [illegible]	[illegible]	[illegible]
Bromide	True Value: [illegible]	[illegible]	
Nitrate	True Value: [illegible]	[illegible]	
Sulfate	True Value: [illegible]	[illegible]	

Spike			
200.00	[illegible]	[illegible]	[illegible]
Fluoride	[illegible]		
Chloride	[illegible]		
Nitrite	[illegible]		[illegible]
Bromide	[illegible]		
Nitrate	[illegible]		
Sulfate	[illegible]		

Modified	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]		

Analyst: [illegible] Date: [illegible]

Peer Review: [illegible] Date: [illegible]

Final Review: [illegible] Date: [illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analytical Batch: [illegible] Method/Testcode: [illegible]

Lab Code	Target Analyte	SDG	Parent Sample	Matrix	Raw Result	Sample Size	Final Result	DF	MDL	PQL	Qualifier	Sub-Qual	Date Analyzed	QC Type
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]

Analytical Results Summary

Instrument Number: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Protocol: [illegible]

Lab Code	Target Analyte	DL	Parent Sample	Matrix	Raw Result	Sample Size	Final Result	Dil	MDL	RDL	% Rec	% RSD	Date Analyzed	DQ	Tier
[illegible]	Sulfate	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Chloride	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	
[illegible]	Nitrate as Nitrogen	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	
[illegible]	Sulfate	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Nitrate as Nitrogen	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Sulfate	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible] Rpt	Chloride	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Nitrate as Nitrogen	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Sulfate	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Chloride	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Nitrate as Nitrogen	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Chloride	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
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[illegible]	Chloride	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Nitrate as Nitrogen	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
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[illegible]	Chloride	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Nitrate as Nitrogen	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Sulfate	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Chloride	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Reference: [illegible]

Lab Code	Parent Analysis	QC	Parent Sample	Status	Raw Result	Sample Amt	Final Result	DF	MDL	PQL	Sample	Cal Date	Date Analyzed	QCS	Lab
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Reference: [illegible]

Lab Code	Target Analyte	QL	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Qual
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
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Analytical Results Summary

Instrument Name: [illegible] Analyst: K. [illegible] Analysis Lot: [illegible] Method Reference: [illegible]

Lab Code	Target Analyte	DL	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DF	MDL	PQL	Q-Flag	Q-RSD	Date Analyzed	QC Type
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Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analyte List: [illegible] Method Technique: [illegible]

Lab Code	Target Analyte	QC	Target Source	Status	Raw Result	Sample Amt.	Final Result	DF	MDL	RDL	% Diff	% RSD	Date Analyzed	QC?	Test
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[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Template: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DF	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Lot
[illegible]	[illegible]	[illegible]	[illegible]	Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Test
Instrument [illegible]
Location [illegible]
Program [illegible]
Number [illegible]
Created [illegible]
Last Update [illegible]

No	Name	Type	Pos	Pr	Vol	Program	Method	Status	Date/Time
1	[illegible]	Standard	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	Standard	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	Standard	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	Standard	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	Standard	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	Standard	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	Standard	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	Standard	8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	CCV1	Unknown	46	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10	CCB1	Unknown	47	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11	LCS1	Unknown	9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	MB1	Unknown	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13	[illegible]	Unknown	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14	[illegible]	Unknown	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]	Unknown	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	[illegible]	Unknown	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17	[illegible]	Unknown	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18	[illegible]	Unknown	8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19	[illegible]	Unknown	9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	[illegible]	Unknown	10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21	CCV2	Unknown	48	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22	CCB2	Unknown	49	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
23	[illegible]	Unknown	11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24	[illegible]	Unknown	12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
25	[illegible]	Unknown	13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
26	[illegible]	Unknown	14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27	[illegible]	Unknown	15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
28	[illegible]	Unknown	16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	Unknown	17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	Unknown	18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31	[illegible]	Unknown	19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
32	[illegible]	Unknown	20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
33	CCV3	Unknown	50	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
34	CCB3	Unknown	51	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
35	[illegible]	Unknown	21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
36	[illegible]	Unknown	22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
37	[illegible]	Unknown	23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
38	[illegible]	Unknown	24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
39	[illegible]	Unknown	25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
40	[illegible]	Unknown	26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
41	[illegible]	Unknown	27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
42	[illegible]	Unknown	28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

File
Database: [illegible]
Location: [illegible]
Time Base: [illegible]
Filtered: [illegible]

Created: [illegible]
Last Update: [illegible]

No.	Name	ID	Factor	Comment
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3	[illegible]	[illegible]	[illegible]	
4	[illegible]	[illegible]	[illegible]	
5	[illegible]	[illegible]	[illegible]	
6	[illegible]	[illegible]	[illegible]	
7	[illegible]	[illegible]	[illegible]	
8	[illegible]	[illegible]	[illegible]	
9	[illegible]	[illegible]	[illegible]	
10	[illegible]	[illegible]	[illegible]	
11	[illegible]	[illegible]	[illegible]	
12	[illegible]	[illegible]	[illegible]	
13	[illegible]	[illegible]	[illegible]	
14	[illegible]	[illegible]	[illegible]	
15	[illegible]	[illegible]	[illegible]	
16	[illegible]	[illegible]	[illegible]	
17	[illegible]	[illegible]	[illegible]	
18	[illegible]	[illegible]	[illegible]	
19	[illegible]	[illegible]	[illegible]	
20	[illegible]	[illegible]	[illegible]	
21	[illegible]	[illegible]	[illegible]	
22	[illegible]	[illegible]	[illegible]	
23	[illegible]	[illegible]	[illegible]	
24	[illegible]	[illegible]	[illegible]	
25	[illegible]	[illegible]	[illegible]	
26	[illegible]	[illegible]	[illegible]	
27	[illegible]	[illegible]	[illegible]	
28	[illegible]	[illegible]	[illegible]	
29	[illegible]	[illegible]	[illegible]	
30	[illegible]	[illegible]	[illegible]	
31	[illegible]	[illegible]	[illegible]	
32	[illegible]	[illegible]	[illegible]	
33	[illegible]	[illegible]	[illegible]	
34	[illegible]	[illegible]	[illegible]	
35	[illegible]	[illegible]	[illegible]	[illegible]
36	[illegible]	[illegible]	[illegible]	[illegible]
37	[illegible]	[illegible]	[illegible]	
38	[illegible]	[illegible]	[illegible]	[illegible]
39	[illegible]	[illegible]	[illegible]	
40	[illegible]	[illegible]	[illegible]	[illegible]
41	[illegible]	[illegible]	[illegible]	
42	[illegible]	[illegible]	[illegible]	[illegible]

Title
Definition [illegible]
Location [illegible]
Timeline [illegible]
Filename [illegible]
Created [illegible]
Last Update [illegible]

No	Name	Type	Pos	Pr. Vol	Program	Method	Status	Pr. Date/Time
43	[illegible]	Unknown	29	25.0	epa300	epa300	Finished	[illegible]
44	[illegible]	Unknown	30	25.0	epa300	epa300	Finished	[illegible]
45	[illegible]	Unknown	32	25.0	epa300	epa300	Finished	[illegible]
46	[illegible]	Unknown	33	25.0	epa300	epa300	Finished	[illegible]
47	[illegible]	Unknown	34	25.0	epa300	epa300	Finished	[illegible]
48	[illegible]	Unknown	35	25.0	epa300	epa300	Finished	[illegible]
49	[illegible]	Unknown	36	25.0	epa300	epa300	Finished	[illegible]
50	[illegible]	Unknown	37	25.0	epa300	epa300	Finished	[illegible]
51	[illegible]	Unknown	38	25.0	epa300	epa300	Finished	[illegible]
52	[illegible]	Unknown	39	25.0	epa300	epa300	Finished	[illegible]
53	[illegible]	Unknown	40	25.0	epa300	epa300	Finished	[illegible]
54	[illegible]	Unknown	41	25.0	epa300	epa300	Finished	[illegible]
55	[illegible]	Unknown	42	25.0	epa300	epa300	Finished	[illegible]
56	[illegible]	Unknown	43	25.0	epa300	epa300	Finished	[illegible]
57	[illegible]	Unknown	44	25.0	epa300	epa300	Finished	[illegible]
58	[illegible]	Unknown	45	25.0	epa300	epa300	Finished	[illegible]
59	[illegible]	Unknown	46	25.0	epa300	epa300	Finished	[illegible]
60	[illegible]	Unknown	47	25.0	epa300	epa300	Finished	[illegible]
61	[illegible]	Unknown	48	25.0	epa300	epa300	Finished	[illegible]
62	[illegible]	Unknown	49	25.0	epa300	epa300	Finished	[illegible]
63	[illegible]	Unknown	50	25.0	epa300	epa300	Finished	[illegible]
64	[illegible]	Unknown	51	25.0	epa300	epa300	Finished	[illegible]
65	[illegible]	Unknown	52	25.0	epa300	epa300	Finished	[illegible]
66	[illegible]	Unknown	53	25.0	epa300	epa300	Finished	[illegible]
67	[illegible]	Unknown	54	25.0	epa300	epa300	Finished	[illegible]
68	[illegible]	Unknown	55	25.0	epa300	epa300	Finished	[illegible]
69	[illegible]	Unknown	56	25.0	epa300	epa300	Finished	[illegible]
70	[illegible]	Unknown	57	25.0	epa300	epa300	Finished	[illegible]
71	[illegible]	Unknown	58	25.0	epa300	epa300	Finished	[illegible]
72	[illegible]	Unknown	59	25.0	epa300	epa300	Finished	[illegible]
73	[illegible]	Unknown	60	25.0	epa300	epa300	Finished	[illegible]
74	[illegible]	Unknown	61	25.0	epa300	epa300	Finished	[illegible]
75	[illegible]	Unknown	62	25.0	epa300	epa300	Finished	[illegible]
76	[illegible]	Unknown	63	25.0	epa300	epa300	Finished	[illegible]
77	[illegible]	Unknown	64	25.0	epa300	epa300	Finished	[illegible]
78	[illegible]	Unknown	65	25.0	epa300	epa300	Finished	[illegible]
79	[illegible]	Unknown	66	25.0	epa300	epa300	Finished	[illegible]
80	[illegible]	Unknown	67	25.0	epa300	epa300	Finished	[illegible]
81	[illegible]	Unknown	68	25.0	epa300	epa300	Finished	[illegible]
82	[illegible]	Unknown	69	25.0	epa300	epa300	Finished	[illegible]
83	[illegible]	Unknown	70	25.0	epa300	epa300	Finished	[illegible]
84	[illegible]	Unknown	71	25.0	epa300	epa300	Finished	[illegible]

© [illegible] Corporation [illegible]

File
Database | [illegible]
Location | [illegible]
Timebase | [illegible] | Created | [illegible]
Filter part | [illegible] | Last update | [illegible]

No.	Name	Q. factor	Comment
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45	[illegible]	[illegible]	[illegible]
46	[illegible]	[illegible]	
47	[illegible]	[illegible]	
48	[illegible]	[illegible]	[illegible]
49	[illegible]	[illegible]	
50	[illegible]	[illegible]	
51	[illegible]	[illegible]	
52	[illegible]	[illegible]	
53	[illegible]	[illegible]	
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55	[illegible]	[illegible]	
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57	[illegible]	[illegible]	
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67	[illegible]	[illegible]	[illegible]
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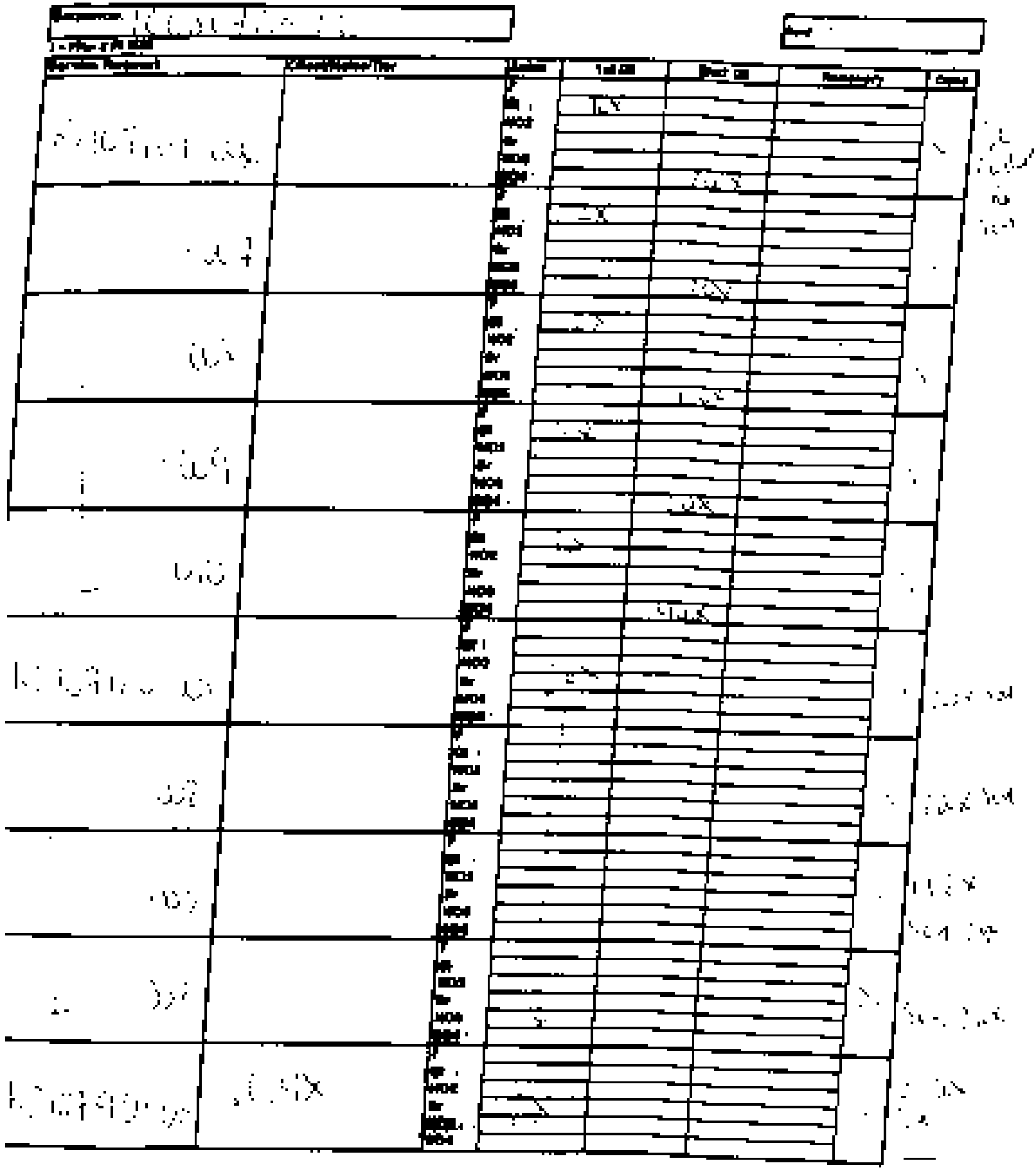
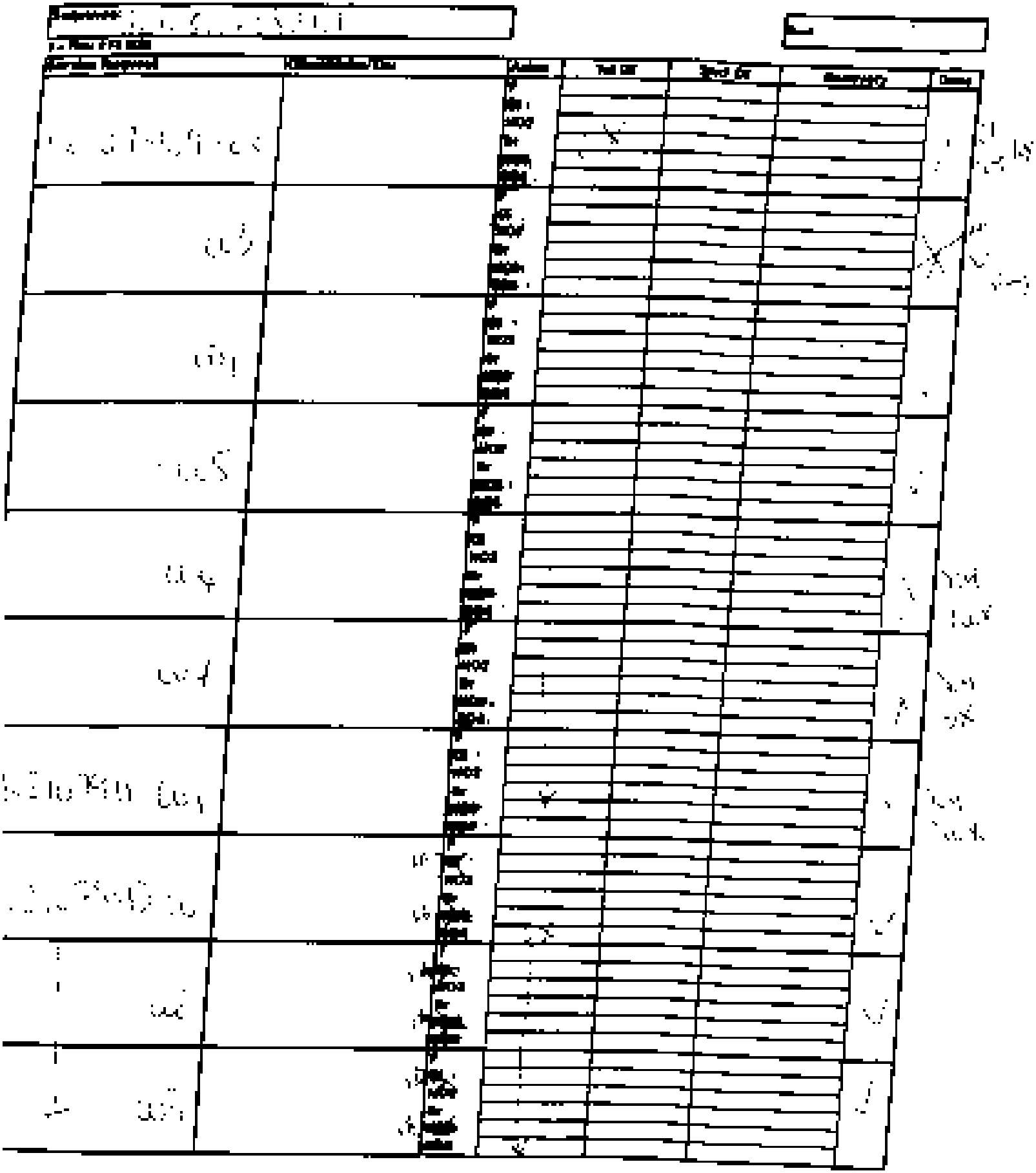
71	[illegible]	[illegible]	
72	[illegible]	[illegible]	
73	[illegible]	[illegible]	
74	[illegible]	[illegible]	
75	[illegible]	[illegible]	
76	[illegible]	[illegible]	
77	[illegible]	[illegible]	
78	[illegible]	[illegible]	
79	[illegible]	[illegible]	[illegible]
80	[illegible]	[illegible]	[illegible]
81	[illegible]	[illegible]	[illegible]
82	[illegible]	[illegible]	
83	[illegible]	[illegible]	
84	[illegible]	[illegible]	[illegible]

File
Description [illegible]
Location [illegible]
Timebase [illegible] Created [illegible] PM by [illegible]
#Samples 100 Last Update [illegible] PM by [illegible]

No.	Name	Type	Pos.	Pr. Val.	Program	Method	Status	Inj. Date/Time
85	[illegible]	Unknown	4	25.0	epa300	epa300	Finished	[illegible]
86	[illegible]	Unknown	5	25.0	epa300	epa300	Finished	[illegible]
87	[illegible]	Unknown	6	25.0	epa300	epa300	Finished	[illegible]
88	[illegible]	Unknown	7	25.0	epa300	epa300	Finished	[illegible]
89	[illegible]	Unknown	8	25.0	epa300	epa300	Finished	[illegible]
90	[illegible]	Unknown	9	25.0	epa300	epa300	Finished	[illegible]
91	[illegible]	Unknown	10	25.0	epa300	epa300	Finished	[illegible]
92	[illegible]	Unknown	11	25.0	epa300	epa300	Finished	[illegible]
93	[illegible]	Unknown	12	25.0	epa300	epa300	Finished	[illegible]
94	[illegible]	Unknown	13	25.0	epa300	epa300	Finished	[illegible]
95	[illegible]	Unknown	14	25.0	epa300	epa300	Finished	[illegible]
96	[illegible]	Unknown	15	25.0	epa300	epa300	Finished	[illegible]
97	[illegible]	Unknown	16	25.0	epa300	epa300	Finished	[illegible]
98	[illegible]	Unknown	17	25.0	epa300	epa300	Finished	[illegible]
99	[illegible]	Unknown	18	25.0	epa300	epa300	Finished	[illegible]
100	[illegible]	Unknown	19	25.0	epa300	epa300	Finished	[illegible]

Sample Number	Classification	Station	Vol Oil	Bag Oil	Recovery	Done
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	✓
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	✓
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	✓
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	✓
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	✓
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	✓
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	✓
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	✓
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	✓
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	✓



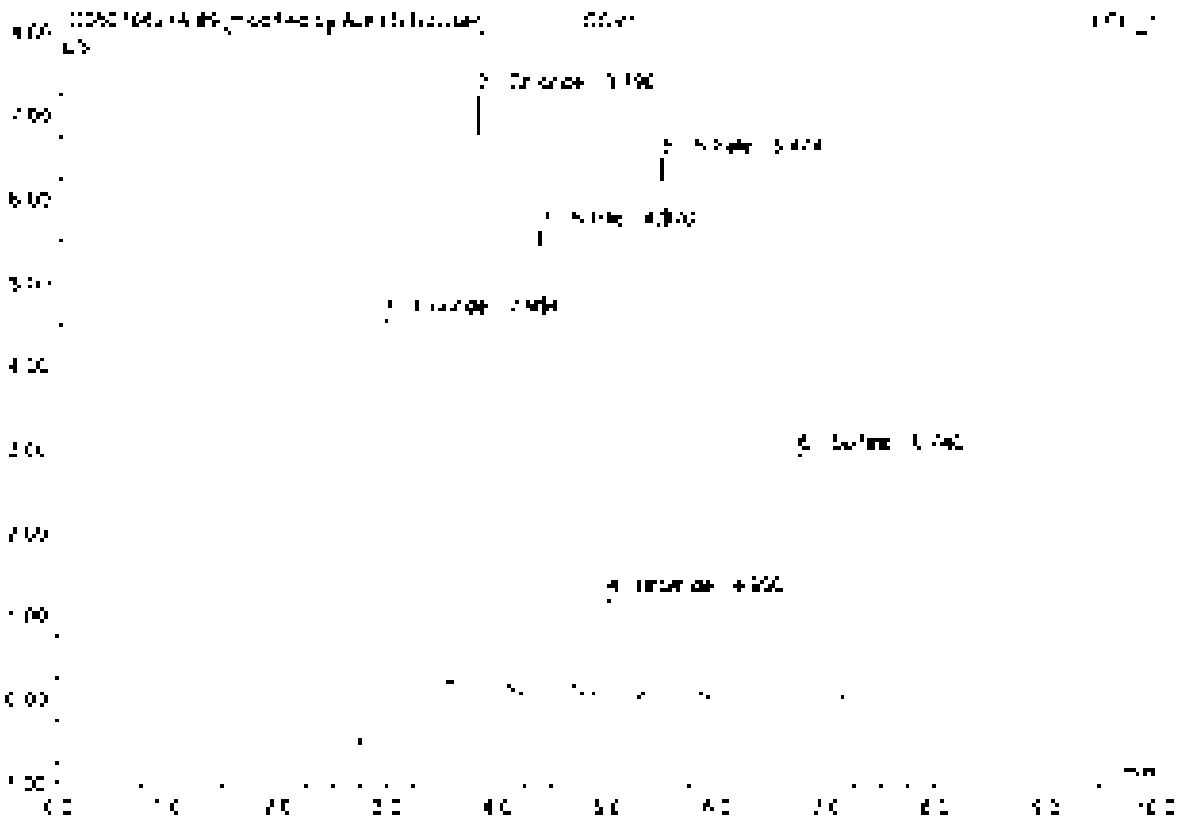


Equipment Repaired	Observations/Notes	Status	Test Pit	Test Cut	Driveway	Other

Service Record	Observations	Colour	Spl Oil	Sup Oil	Delivery	Price

9 CCV1

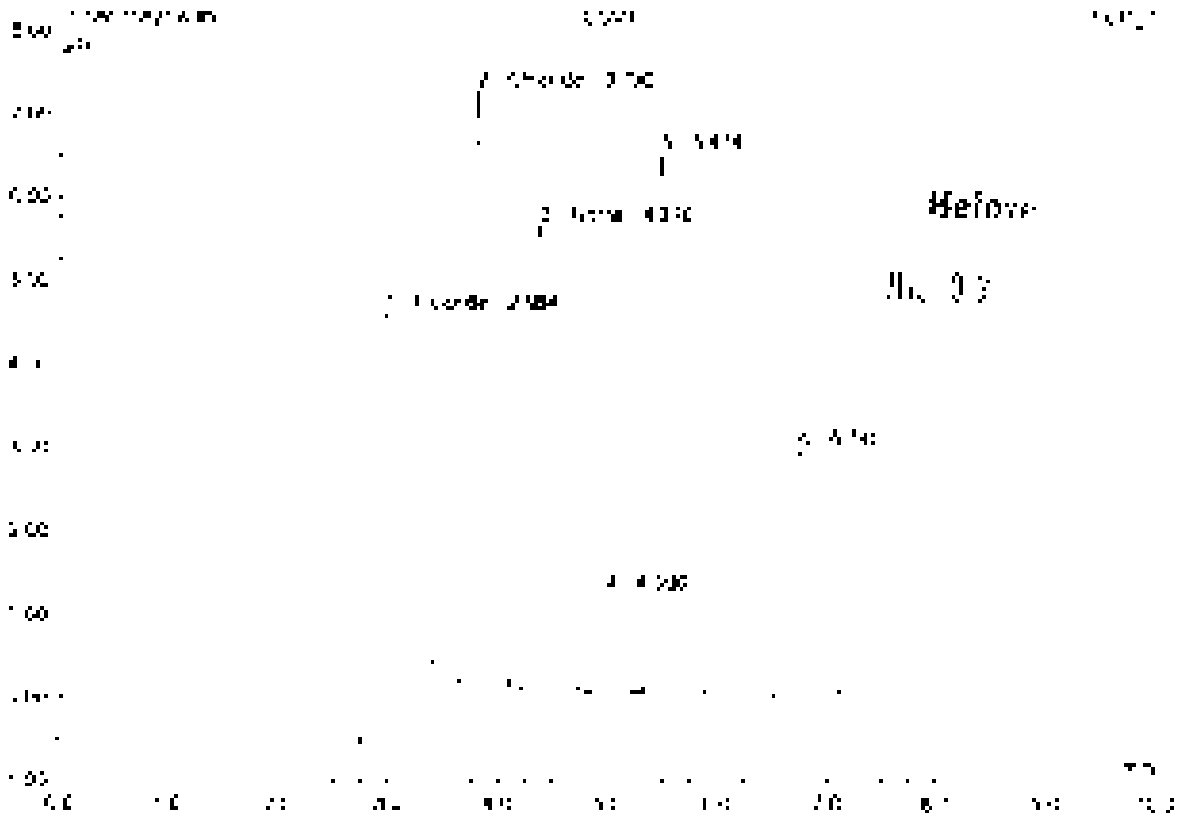
Sample Name	CCV1	Injection Volume	35.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/8/2021 10:48	Sample Weight	1.0000
Run Time (min)	16.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.35	Fluoride	4.941	[illegible]	24.98	[illegible]	BV[illegible]
2	3.79	Chloride	7.593	0.833	17.52	4.012	BM[illegible]
3	4.3[illegible]	Nitrite	5.572	0.987	18.55	2.493	BMB
4	4.96	Bromide	1.190	0.172	3.61	2.419	BMB
5	5.47	Nitrate	6.478	1.055	22.19	2.508	BMB
6	6.74	Sulfate	2.544	0.621	13.05	5.040	BMB
Total:			28.320	4.756	100.00	22.000	

9 CCV1

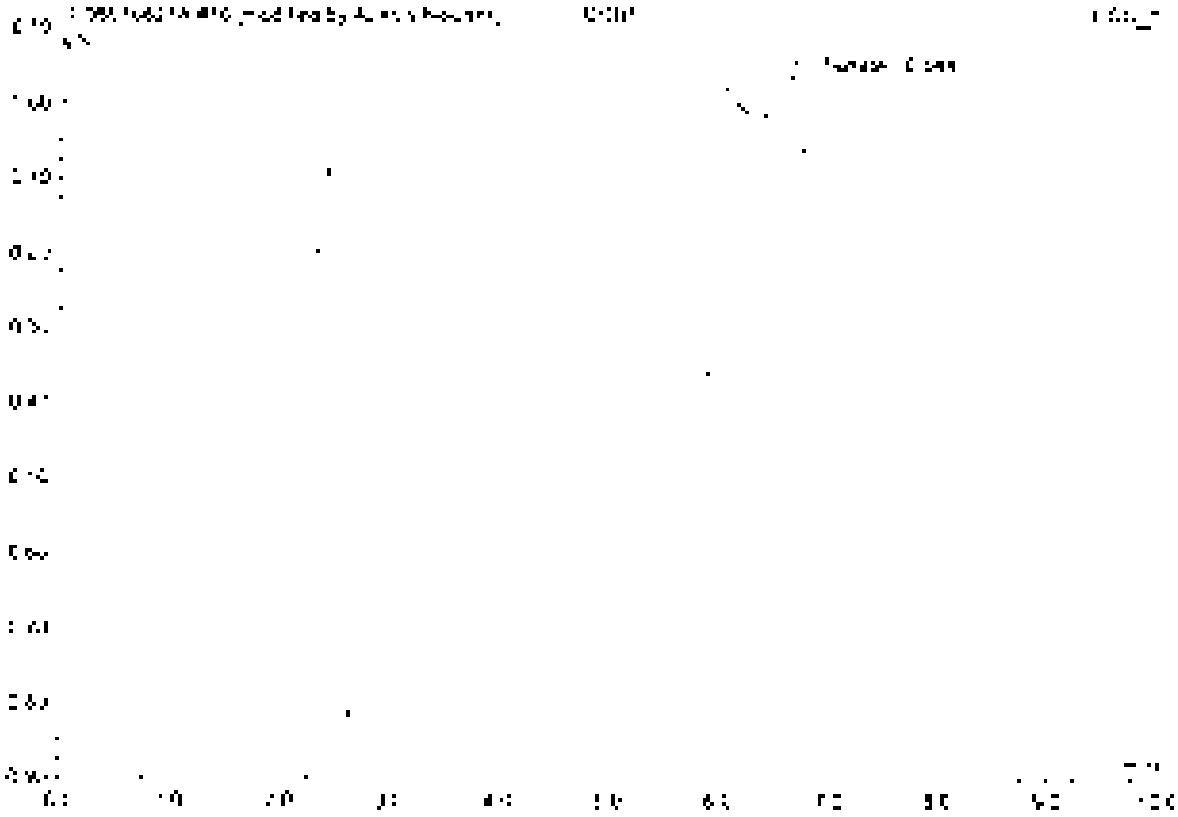
Sample Name	CCV1	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	7/8/2021 10:48	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Chlorine	4.375	1.244	25.80	4.955	BV6
2	3.74	Chlorine	7.091	0.831	17.01	4.912	cV6
3	4.37	Chlorine	5.572	0.897	18.43	2.495	bV6
4	4.99	n.a.	1.190	0.172	3.57	n.a.	bV6
5	5.47	n.a.	5.478	1.055	21.93	n.a.	BV6
6	5.78	n.a.	2.948	0.621	12.90	n.a.	BV6
Total:			26.262	4.812	100.00	12.362	

10 CCB1

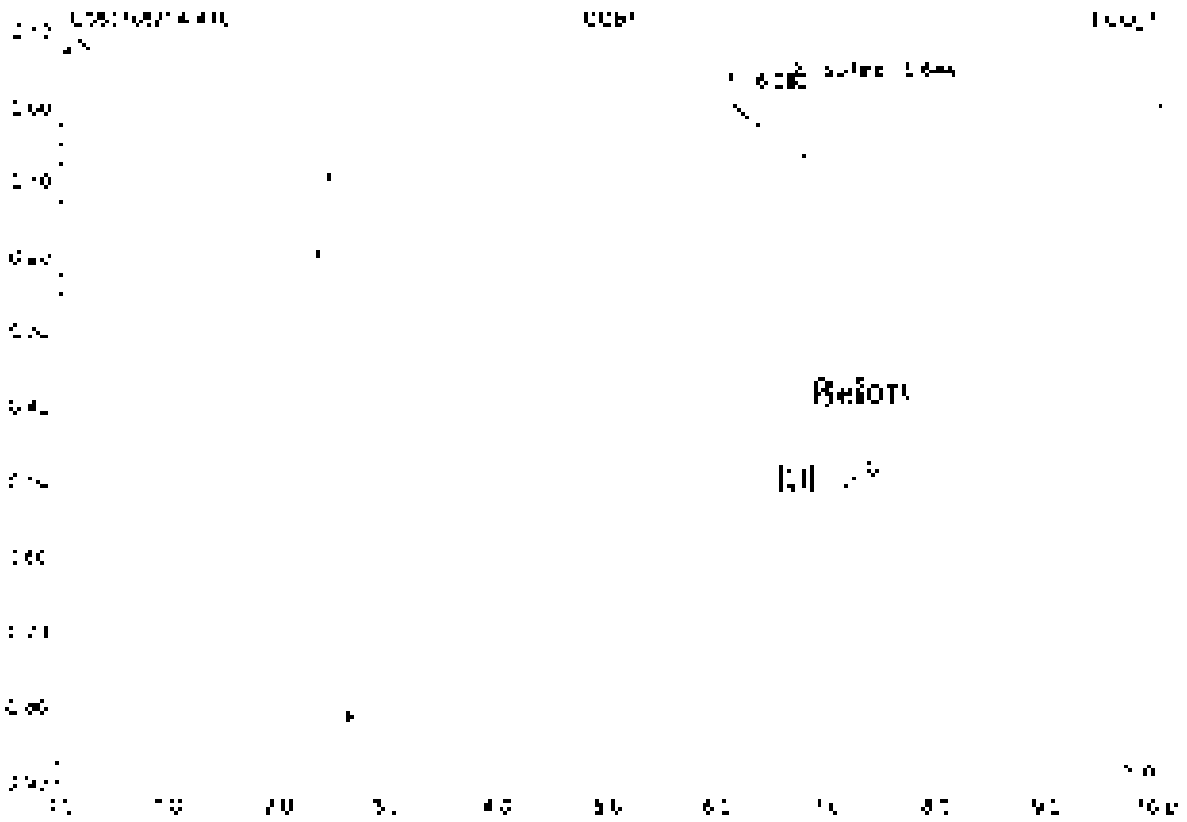
Sample Name	CCB1	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Source Method	epa300	Dilution Factor	1.0000
Recording Time	7/6/2021 20:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.04	B.Haze	0.047	0.006	100.00	0.050	BVBP
Total:			0.047	0.006	100.00	0.050	

10 CCB1

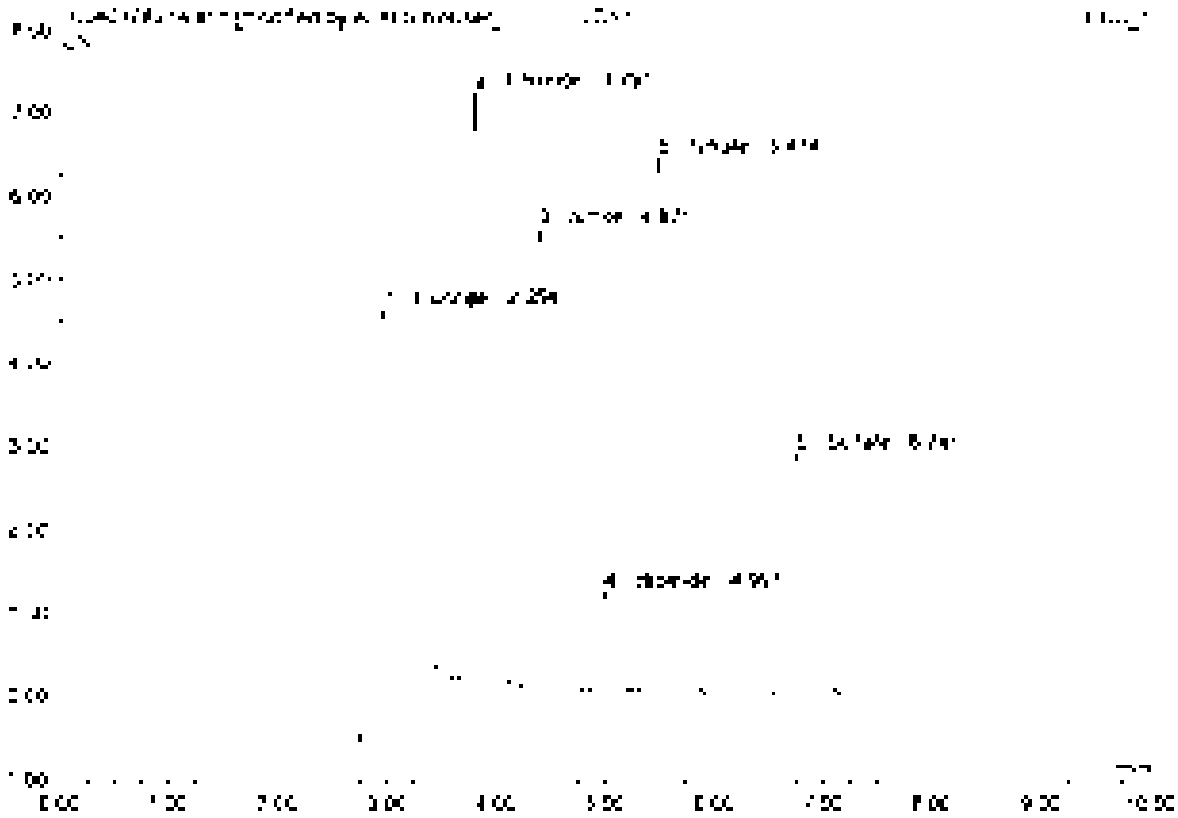
Sample Name	CCB1	Injection Volume	35.0
Vial Number	47	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Spectral Method	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/8/2021 20:00	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.55	n.a.	0.1[illegible]	1.3[illegible]	98.83	n.a.	BMB
2	6.94	Beta-OH	0.055	0.016	1.17	0.131	BMB
Total:			0.190	1.[illegible]	100.00	0.131	

11 LC$1

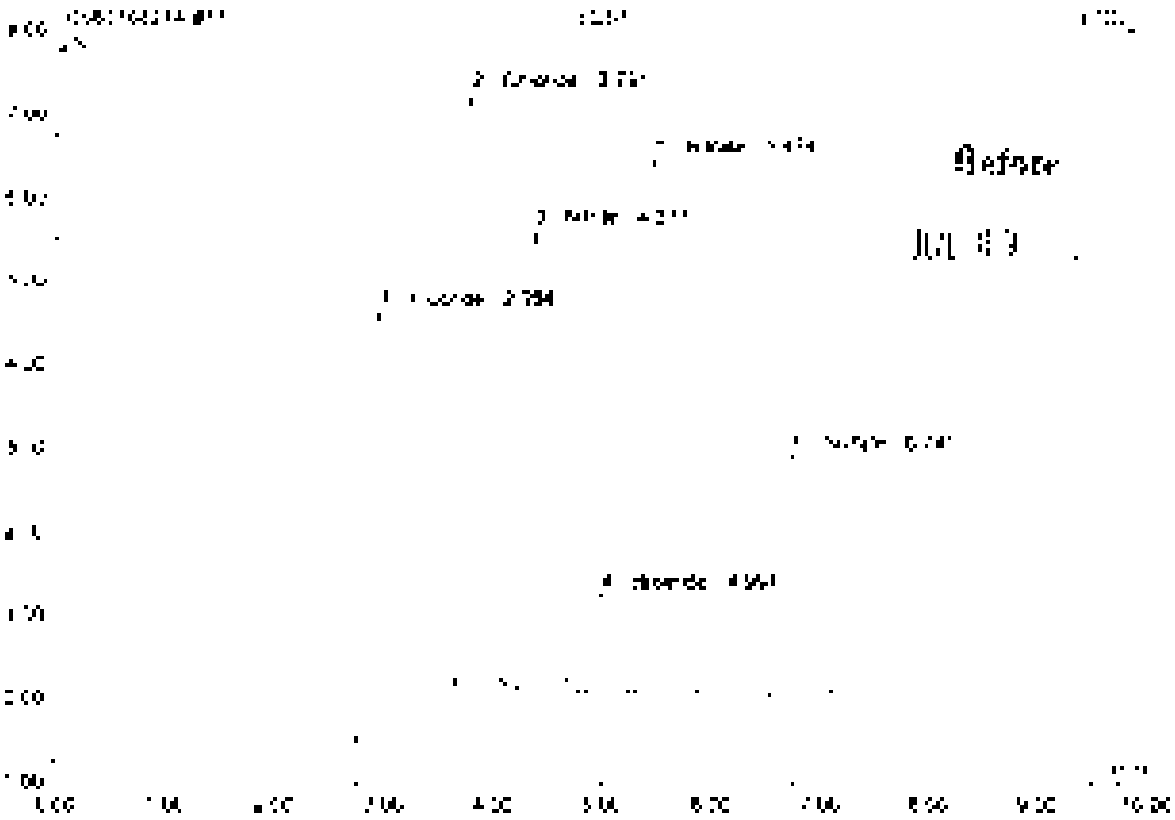
Sample Name	LC$1	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Analysis Time	7/8/2021 20:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	4.896	[illegible]	25.58	4.838	BV*U*
2	3.79	Chloride	7.075	[illegible]	17.49	4.798	BV*U*
3	4.07	Nitrite	5.543	[illegible]	15.50	2.477	BM*B
4	4.94	Bromide	[illegible]	[illegible]	3.80	2.429	BM*B
5	5.67	Nitrate	6.477	[illegible]	21.94	2.477	BV*U
6	6.74	Sulfate	2.889	[illegible]	12.81	4.941	BV*U
Total:			28.117	4.750	100.00	21.561	

11 LCS1

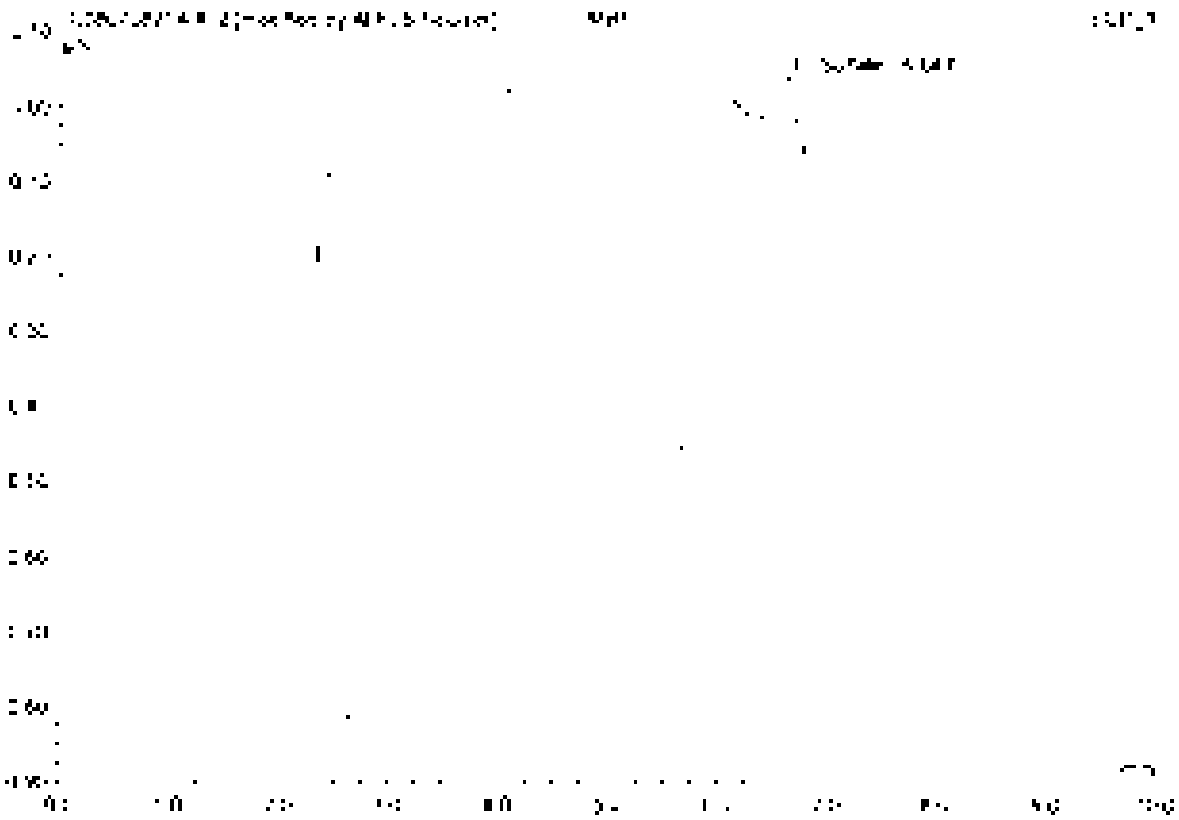
Sample Name:	LCS1	Injection Volume:	35.0
Vial Number:	2	Channel:	ECD_1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Control Method:	epa300	Dilution Factor:	1.0000
Recording Time:	7/8/2021 20:11	Sample Weight:	1.0000
Run Time (min):	16.00	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.99	Fluoride	5.019	1.255	25.27	5.000	BMB
2	3.79	Chloride	7.075	0.831	17.34	4.798	BMB
3	4.37	Nitrite	5.540	0.802	15.40	2.477	BMB
4	4.90	Bromide	[illegible]	[illegible]	3.60	2.429	BMB
5	5.67	Nitrate	6.422	1.042	21.75	2.477	BMB
6	6.74	Sulfate	2.889	0.600	12.70	4.941	BMB
Total:			28.139	4.731	100.00	22.122	

12 MB1

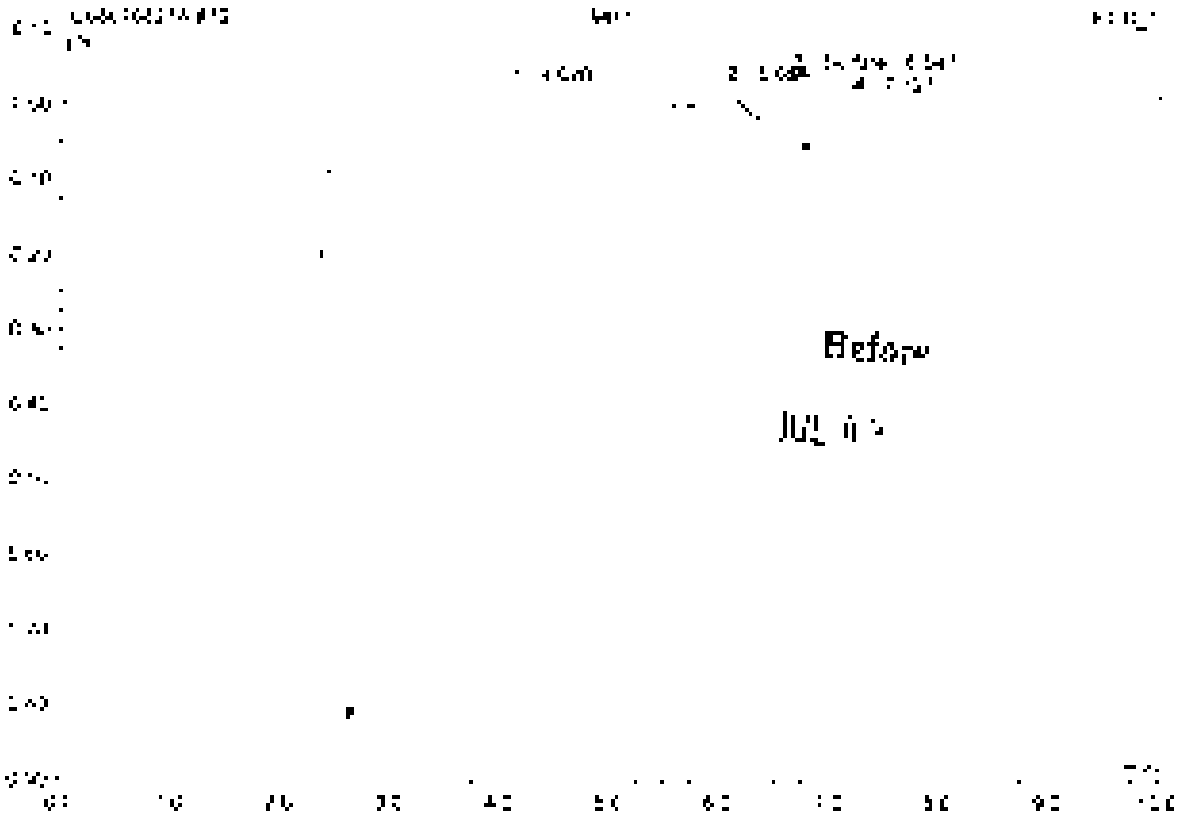
Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Overall Method	epa300	Dilution Factor	1.0000
Recording Time	7/8/2021 20:23	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	0.45	Surface	0.049	0.007	100.00	0.024	BMB*
Total:			0.049	0.007	100.00	0.024	

12 MB1

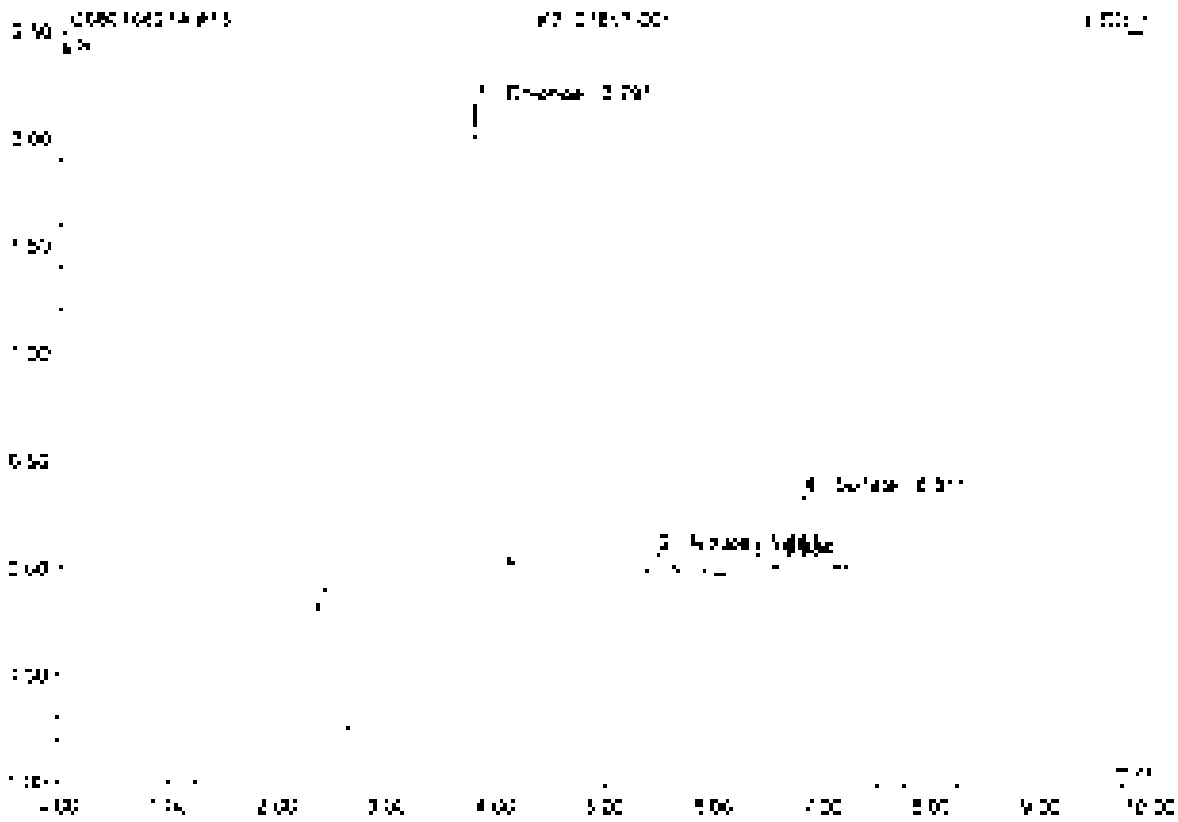
Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Source Method	epa300	Dilution Factor	1.0000
Recovery Time	7/6/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.07	n.a.	0.464	[illegible]	89.66	n.a.	BMB
2	6.05	n.a.	0.036	0.005	0.76	n.a.	BMB
3	6.65	Sulfate	0.085	0.017	1.47	0.136	BMB
4	7.20	n.a.	0.061	0.093	8.12	n.a.	BMB
Total:			0.646	1.145	100.00	0.136	

13 K21078857-001

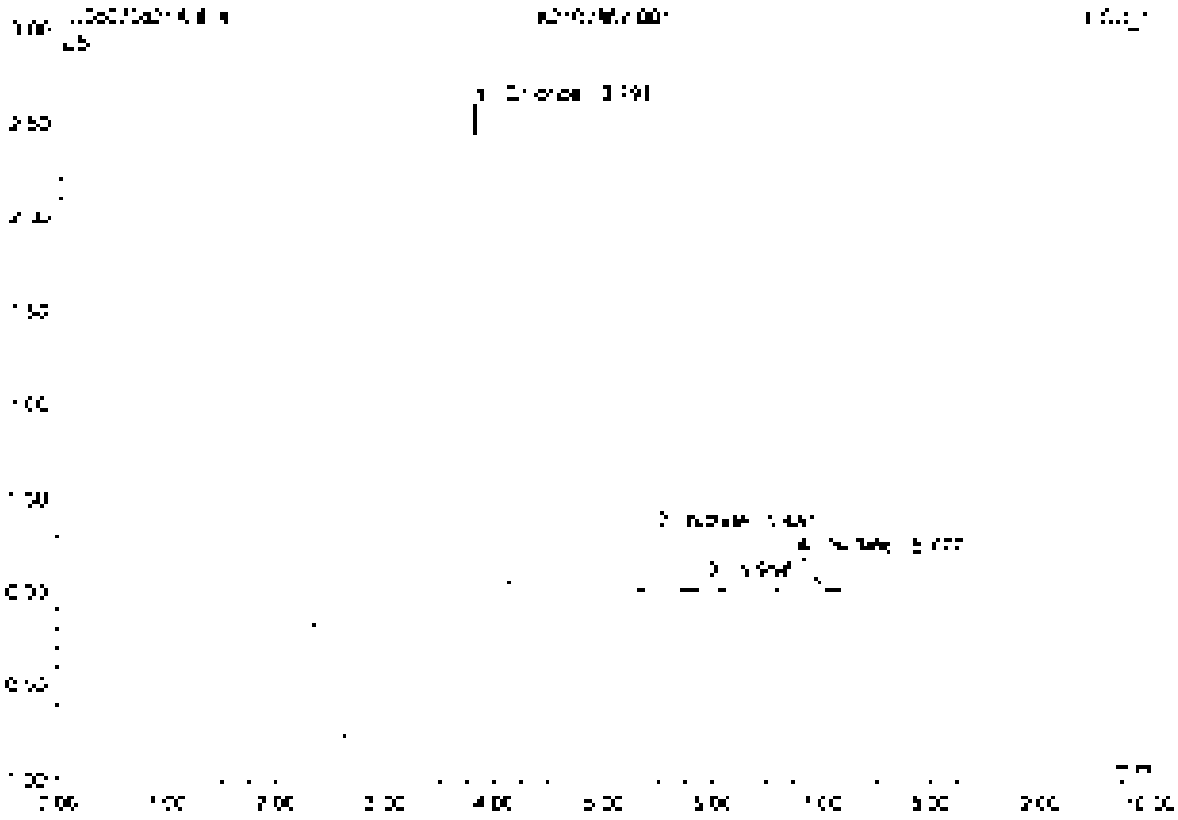
Sample Name	K21078857-001	Injection Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	7/8/2021 20:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.79	Chloride	2.156	0.267	37.94	0.372	BMB
2	5.49	Nitrate	0.074	0.012	2.23	0.055	BMB
3	6.33	n.a.	0.049	0.015	4.16	n.a.	BMB
4	6.57	Sulfate	0.326	0.371	55.67	1.449	BMB
Total:			2.612	0.660	100.00	1.876	

14 K2107867-001

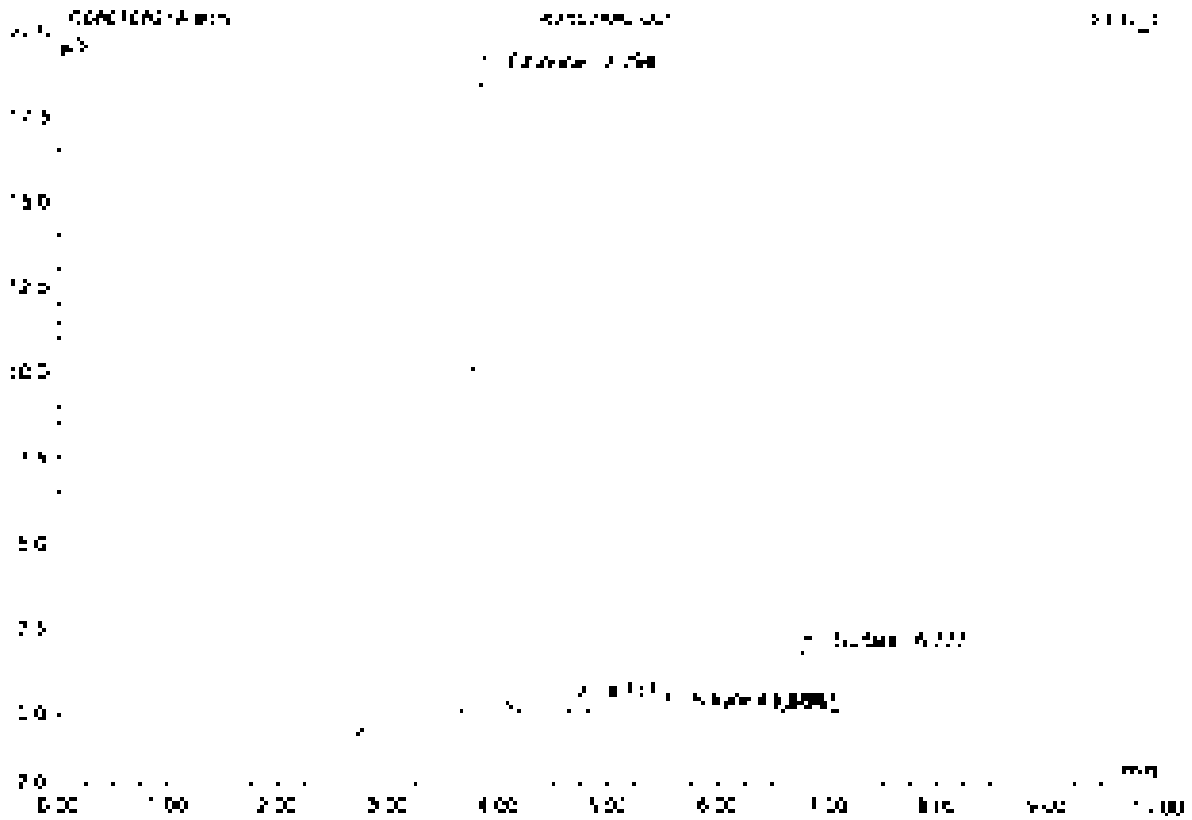
Sample Name	K2107867-001	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Processing Time	7/6/2021 20:46	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.79	Chloride	2.584	0.310	74.58	0.579	BV0
2	5.43	Nitrate	0.315	0.050	12.06	0.238	BMb
3	5.95	n.a.	0.047	0.008	1.92	n.a.	BMB
4	6.78	Sulfate	0.180	0.048	11.53	0.777	BV0
Total:			3.127	0.415	100.00	4.593	

15 K2107880-001

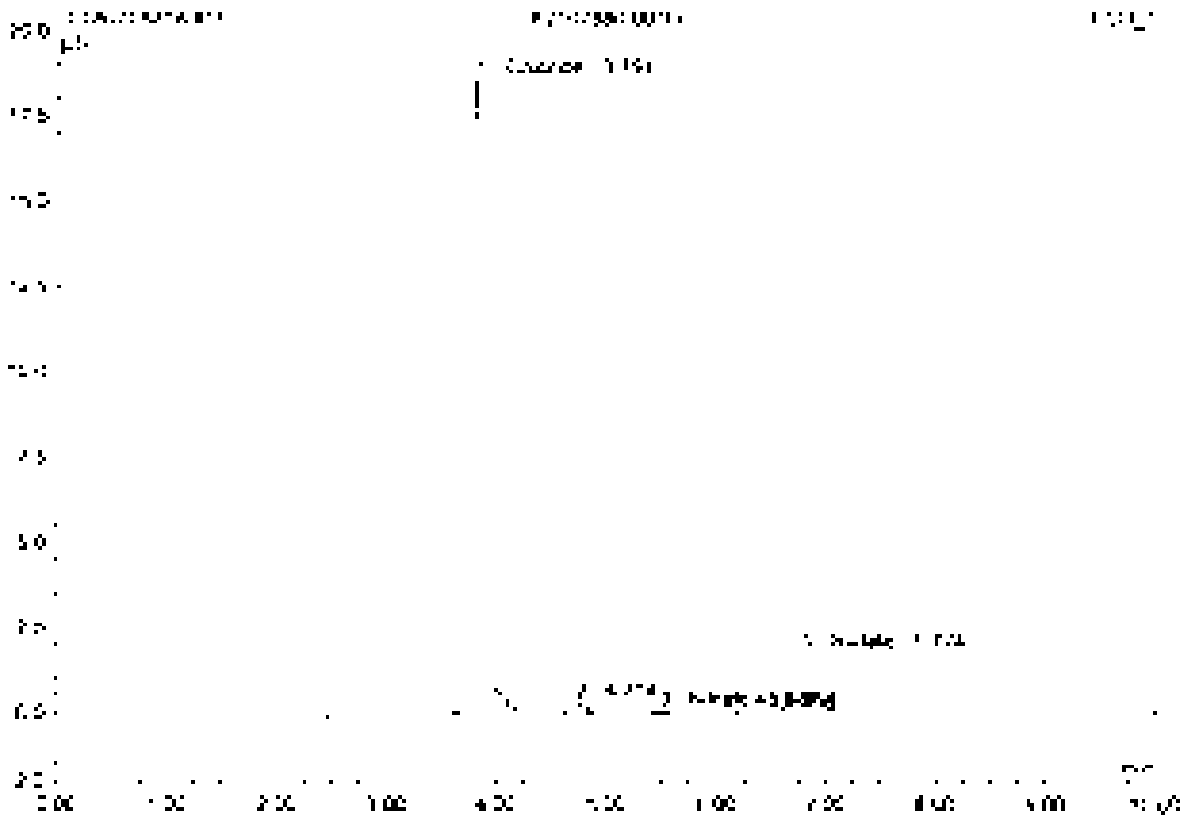
Sample Name	K2107880-001	Injection Volume	25.0
Vial Number	6	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quick Method	epa300	Dilution Factor	2.0000
Recording Time	7/8/2021 20:56	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	18.683	2.140	82.52	24.758	BMB
2	4.72	n.a.	0.313	0.047	1.80	n.a.	BMB
3	5.48	Nitrate	0.075	0.012	0.46	0.057	BMB
4	6.36	n.a.	0.024	0.005	0.21	n.a.	BMB
5	8.32	Sulfate	1.787	0.379	14.62	6.140	BMB
Total:			20.882	2.586	100.00	30.955	

16 K2107880-001D

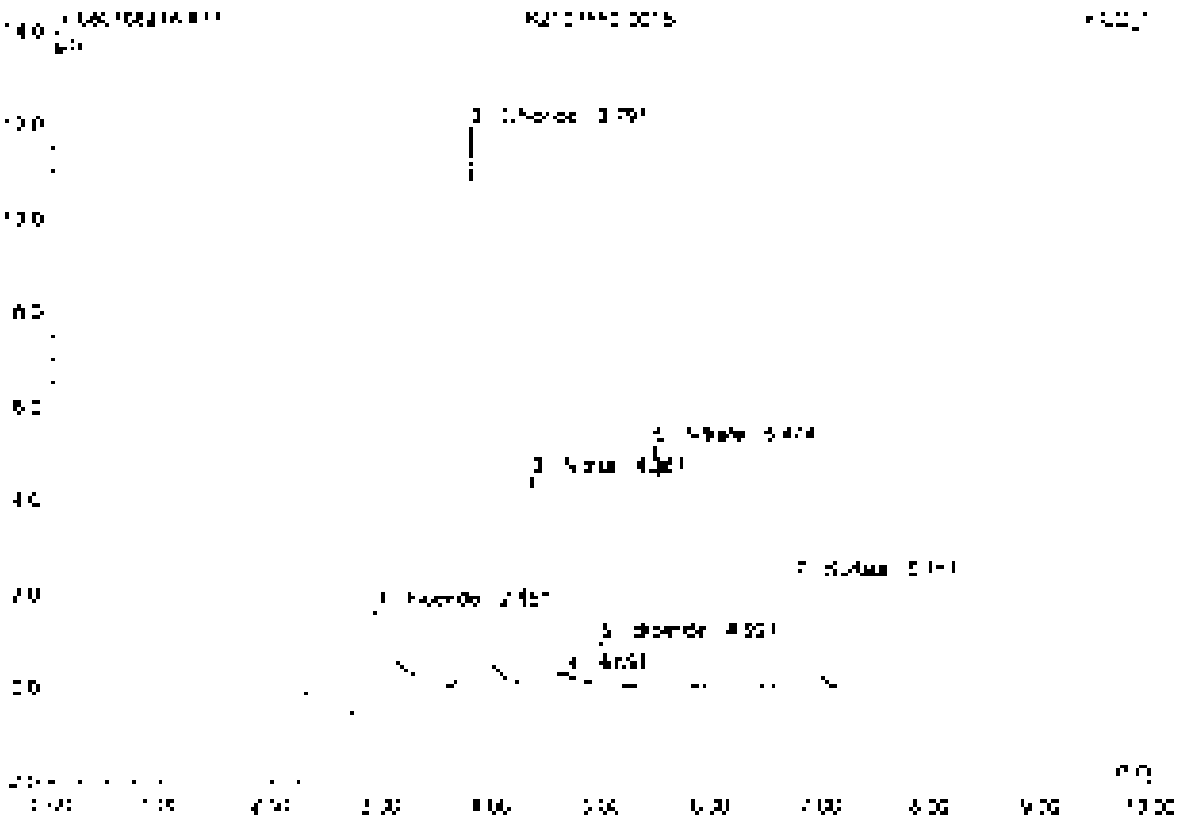
Sample Name	K2107880-001D	Injection Volume	25.0
Vial Number	6	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	7/8/2021 21:09	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	18.497	2.120	82.50	24.491	BV8
2	4.71	n.a.	0.310	0.046	1.80	n.a.	BV8
3	5.43	Nitrate	0.072	0.012	0.45	0.055	BV8
4	5.35	n.a.	0.021	0.006	0.24	n.a.	BV8
5	6.77	Sulfate	1.705	0.374	14.61	6.066	BV8
Total:			20.672	2.567	100.00	30.612	

17 KZ1076880-001S

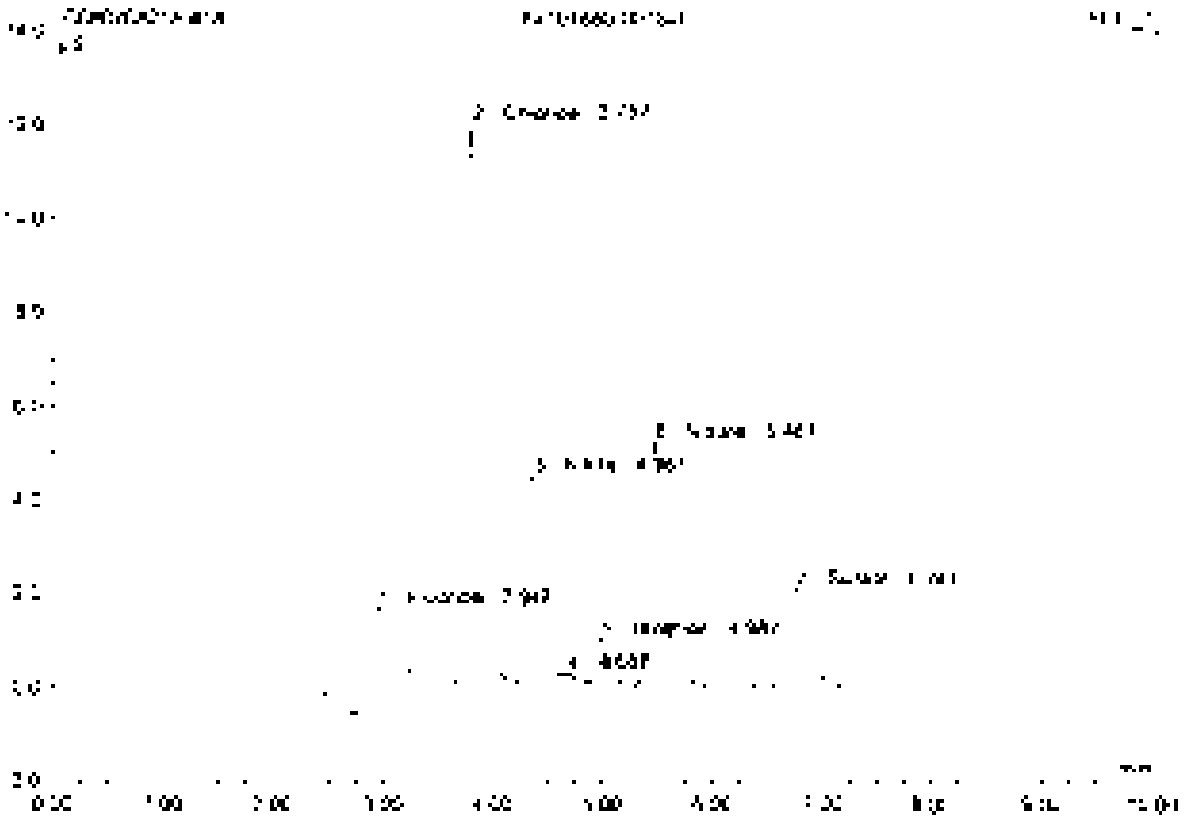
Sample Name	KZ1076880-001S	Injection Volume	25.0
Vial Number	7	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	4.0000
Recording Time	7/8/2021 21:21	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	2.090	0.556	14.63	9.501	BMB
2	[illegible]	Chloride	[illegible]	[illegible]	33.66	[illegible]	BMB
3	4.37	Nitrite	4.350	0.651	15.96	[illegible]	BMB
4	4.52	n.a.	0.063	0.007	0.15	n.a.	BMB
5	4.96	Bromide	0.938	0.134	3.27	7.525	BMB
6	5.47	Nitrate	5.142	0.840	20.59	7.083	BMB
7	6.76	Sulfate	2.245	0.473	11.72	15.512	BMB
Total:			26.866	4.077	100.00	79.500	

18 K2107880-001SD

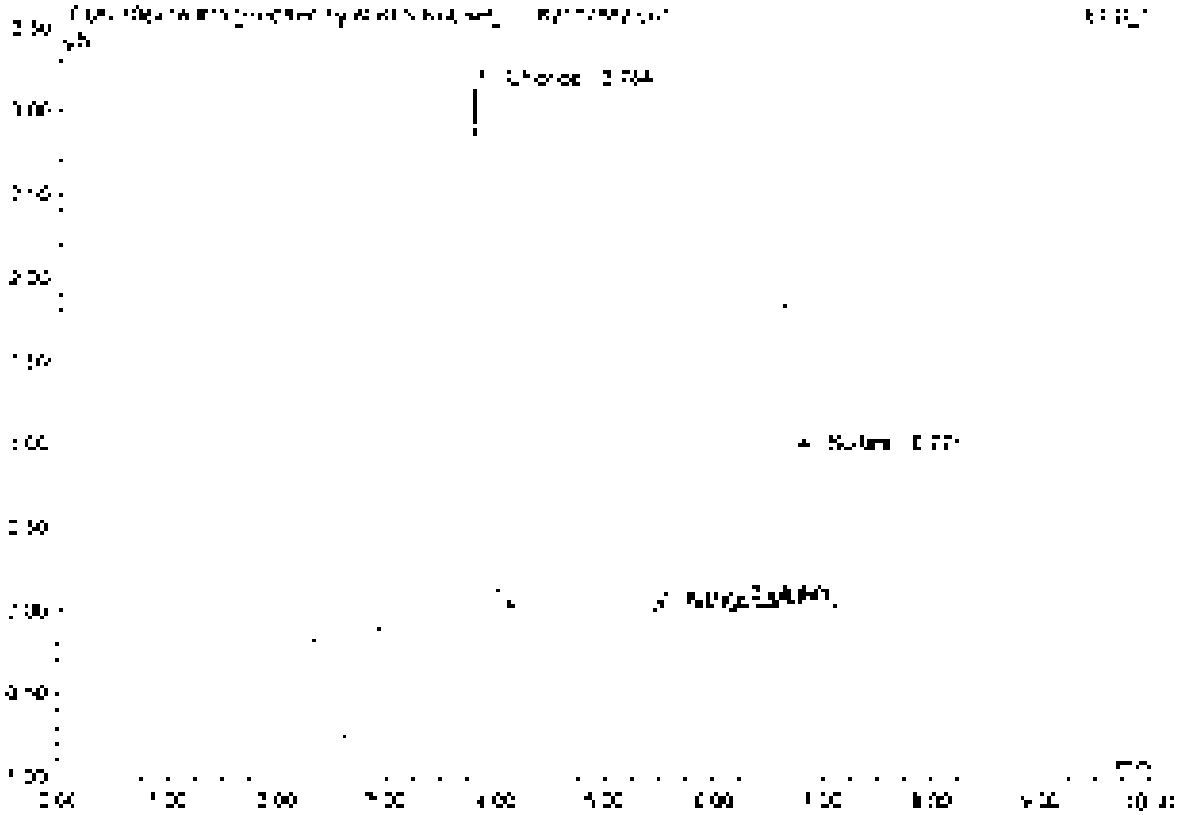
Sample Name	K2107880-001SD	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	4.0000
Measuring Time	[illegible] 21:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.90	Fluoride	2.700	0.258	14.79	9.524	BMB
2	3.79	Chloride	11.868	1.278	34.03	31.796	BMB
3	4.36	Nitrite	4.368	0.652	16.13	7.031	BMB
4	4.69	n.a.	0.055	0.007	0.16	n.a.	BMB
5	4.99	Bromide	0.943	0.134	3.32	7.563	BMB
6	5.47	Nitrate	5.156	0.842	20.83	8.009	BMB
7	6.75	Sulfate	2.044	0.435	10.75	14.113	BMB
Total:			26.551	4.044	100.00	78.037	

19 K2107882-001

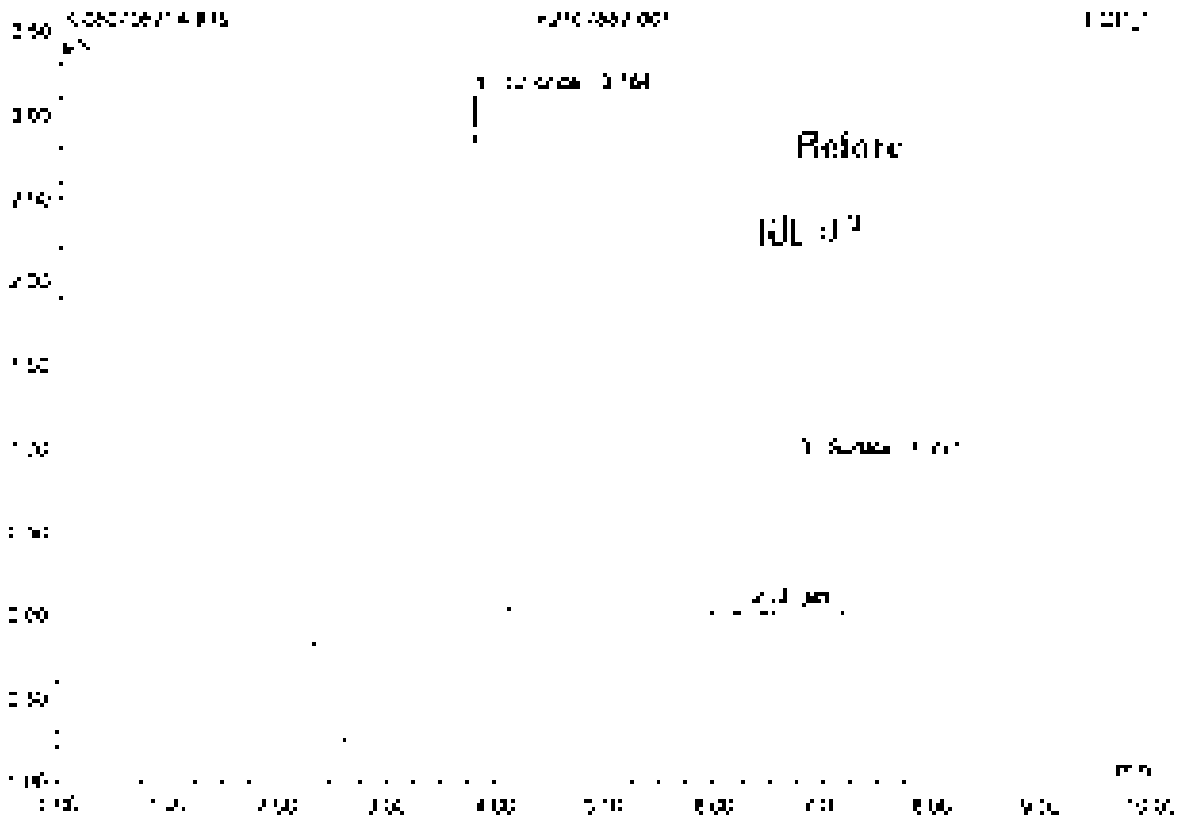
Sample Name	K2107882-001	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Sample Method	epa300	Dilution Factor	2.0000
Recording Time	7/4/2021 21:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chloride	0.119	0.375	64.66	4.331	BMB
2	5.47	Nitrate	0.005	0.001	0.10	0.004	BMB*
3	6.34	n.a.	0.024	0.006	0.98	n.a.	BM5
4	6.77	Sulfate	0.217	0.198	34.21	3.219	BMP
Total:			0.366	0.580	100.00	7.554	

19 K2107882-001

Sample Name	K2107882-001	Injection Volume	35.0
Vial Number	8	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	7/8/2021 21:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

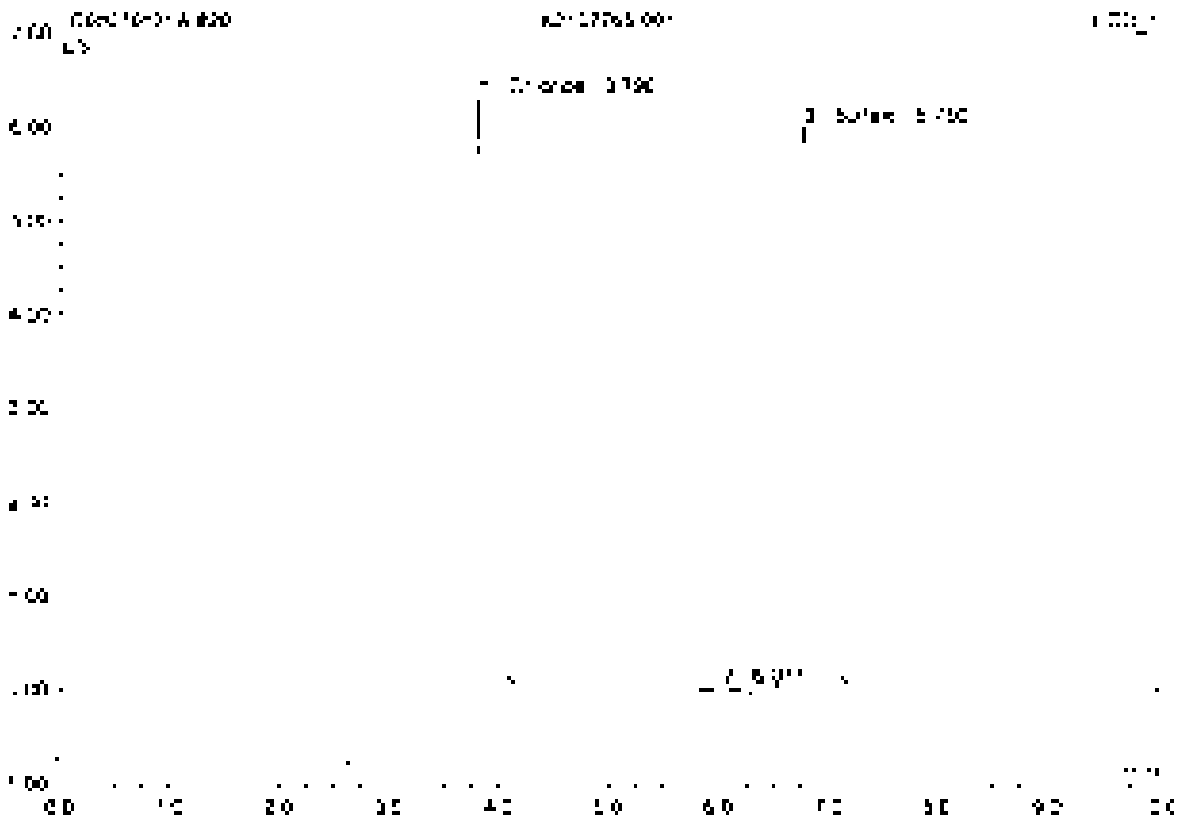


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chlorate	3.112	0.375	64.77	4.331	BMB
2	6.34	n.a.	0.024	0.005	0.98	n.a.	BMB
3	6.77	Sulfate	0.917	0.198	34.25	3.219	BMB
Total:			4.050	0.579	100.00	7.551	

20 K2107755-001

CL

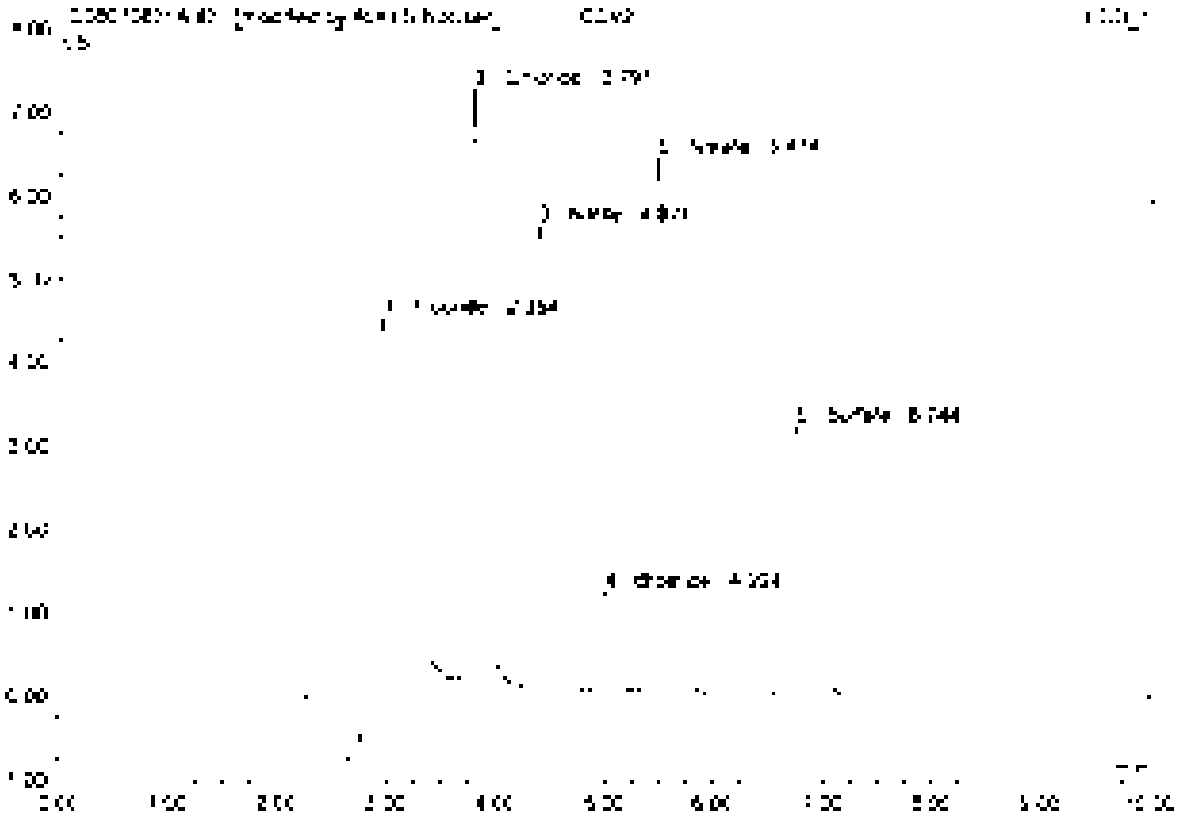
Sample Name	K2107755-001	Injection Volume	25.0
Vial Number	19	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	20.0000
Analysis Time	7/9/2021 21:56	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.79	Chloride	6.289	2.743	37.10	55.814	BMB
2	6.04	n.a.	0.045	0.018	0.42	n.a.	BMB
3	6.75	Sulfate	5.951	1.260	62.42	202.918	BMB
Total:			12.286	2.002	100.00	258.732	

21 CCV2

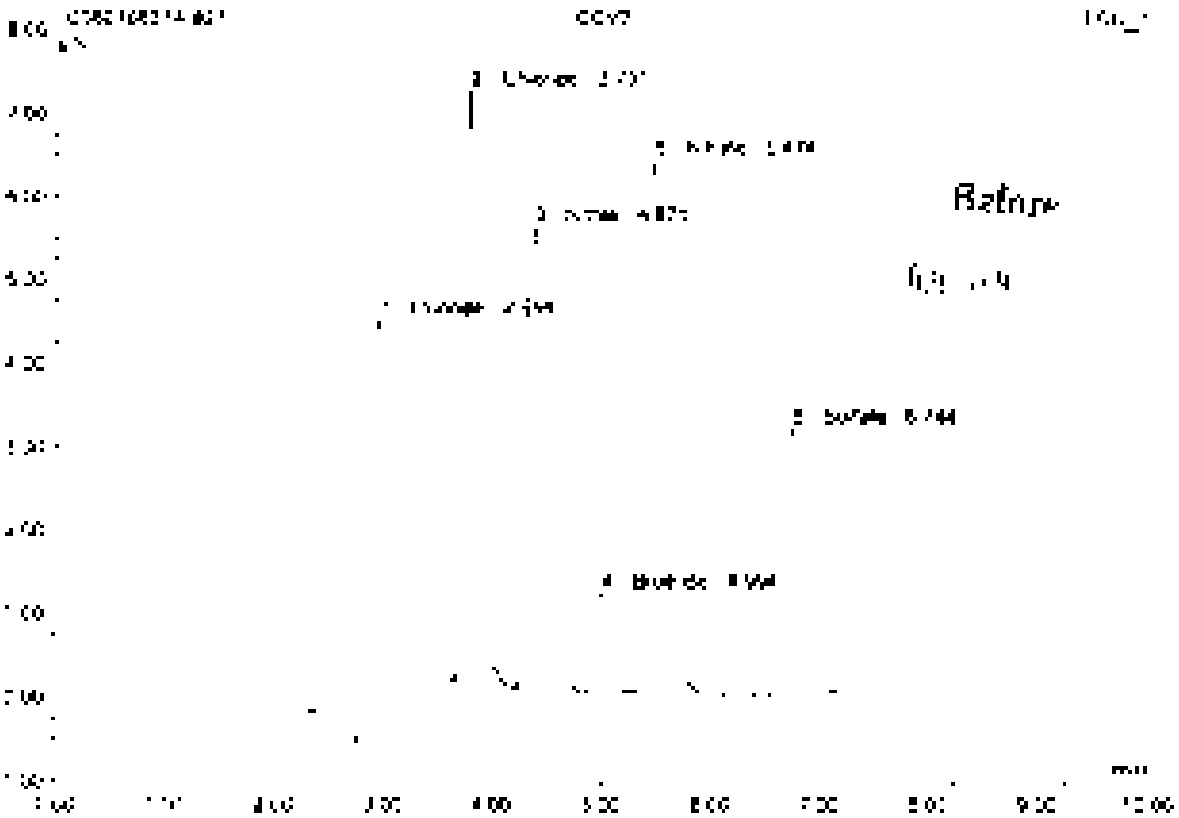
Sample Name	CCV2	Injection Volume	25.0
Run Number	44	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	7/8/2021 22:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	4.886	1.157	24.79	4.727	BMB*
2	3.79	Chloride	7.087	0.932	17.37	4.805	BMB*
3	4.37	Nitrite	5.564	0.656	12.50	2.484	BMB
4	4.99	Bromide	1.183	0.172	3.58	2.419	BMB
5	5.47	Nitrate	5.410	1.040	21.71	2.475	BMB
6	6.74	Sulfate	3.204	0.670	14.06	5.466	BMB
Total:			28.341	4.785	100.00	22.376	

21 CCV2

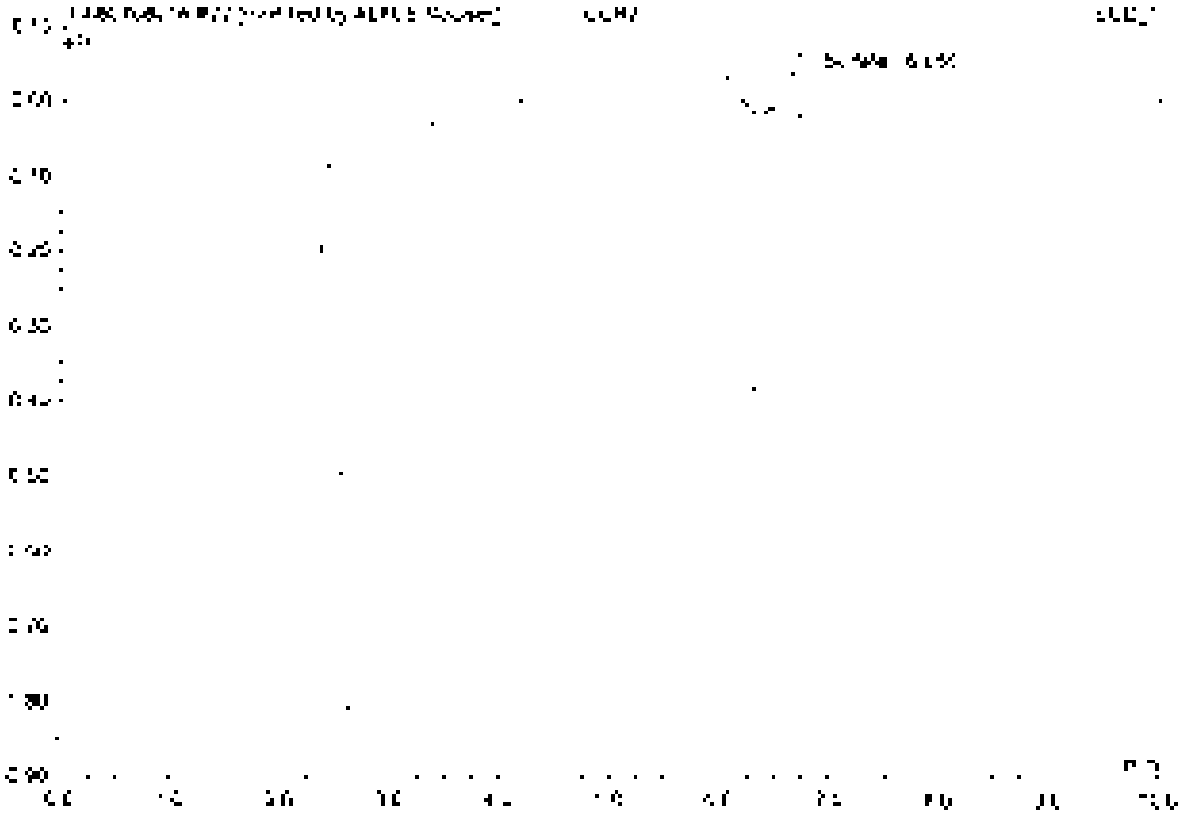
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Method Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/8/2021 22:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	4.911	1.232	25.46	4.907	BMB
2	3.79	Chloride	7.889	0.832	17.21	4.805	BMB
3	4.37	Nitrite	5.564	0.886	18.32	2.459	BMB
4	4.99	Bromide	1.192	0.172	3.55	2.419	BMB
5	5.47	Nitrate	5.410	1.040	21.50	2.471	BMB
6	5.74	Sulfate	3.204	0.573	11.82	5.465	BMB
Total:			28.306	4.934	100.00	22.566	

22 CCB2

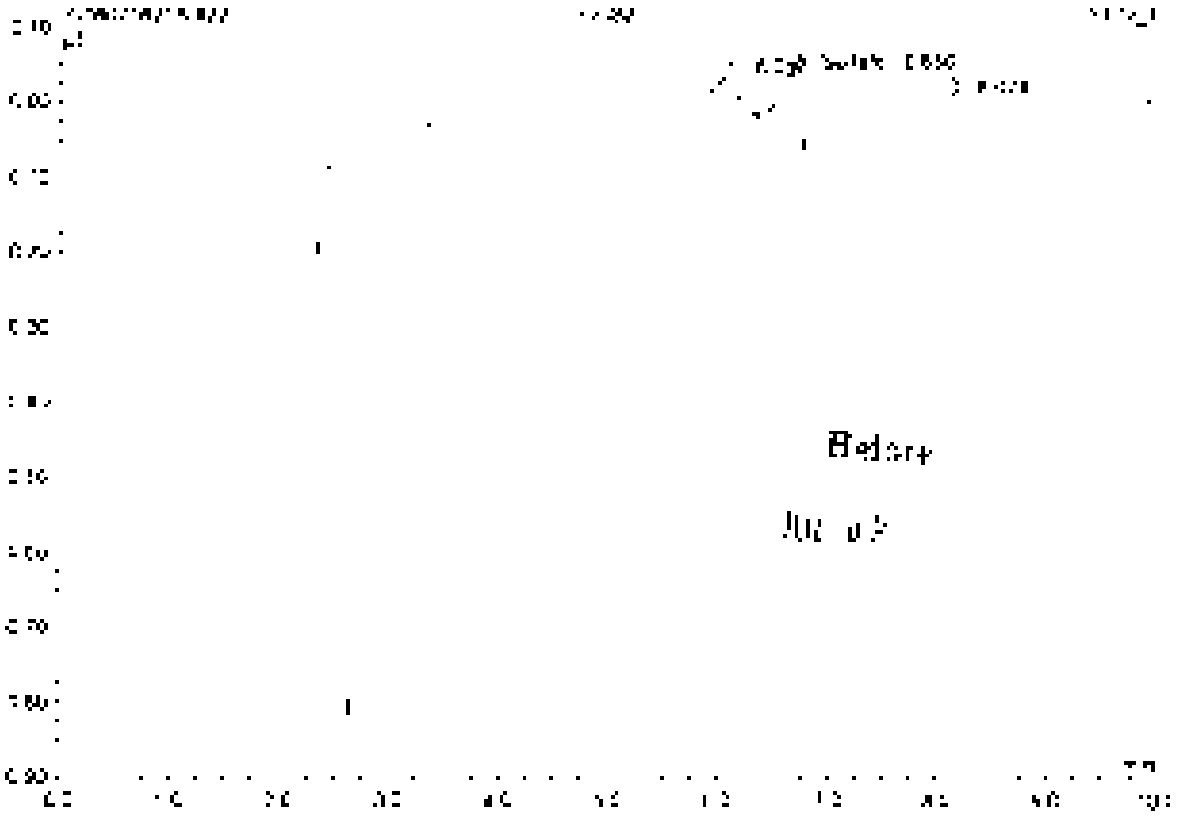
Sample Name	CCB2	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Submit Method	apa300	Dilution Factor	1.0000
Recording Time	7/6/2021 22:11	Sample Weight	1.0000
Rec. Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.65	Sulfate	0.047	0.006	100.00	0.048	BMB*
Total:			0.047	0.006	100.00	0.048	

22 CCB2

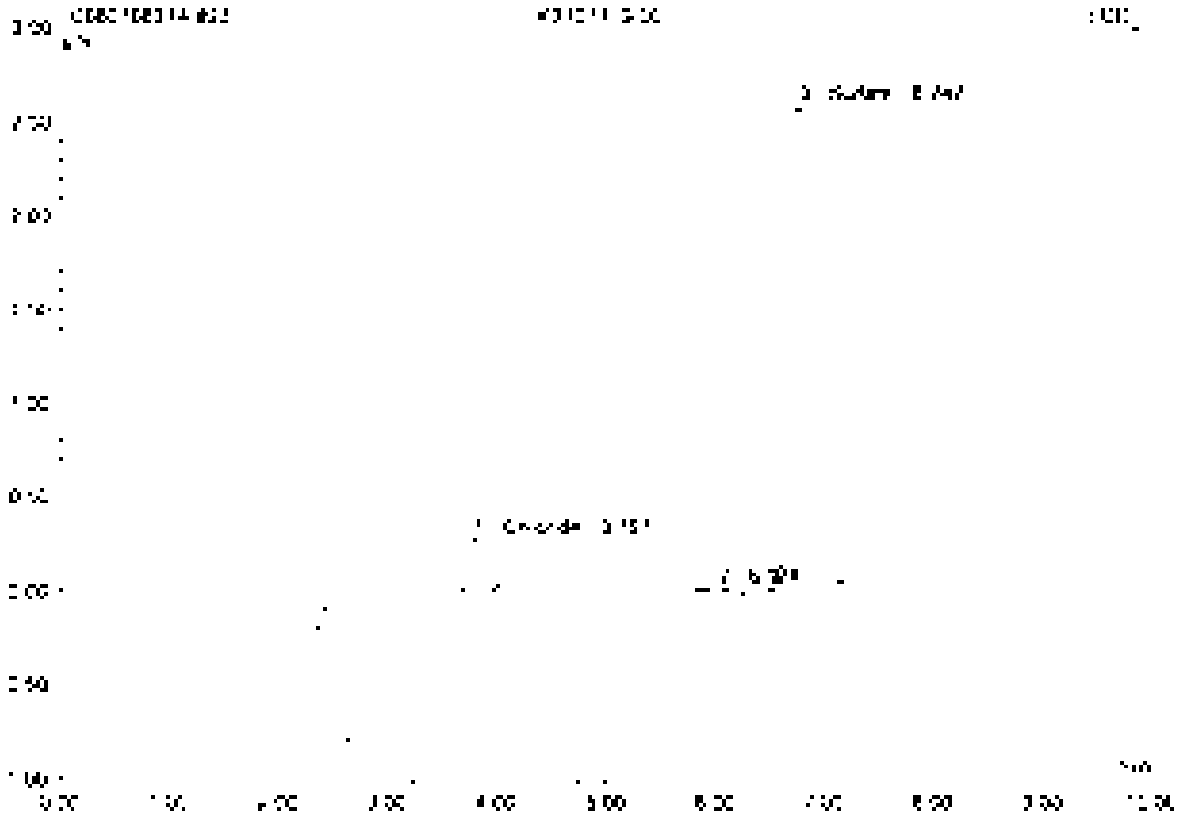
Sample Name	CCB2	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	7/8/2021 22:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.06	n.a.	0.112	1.087	92.20	n.a.	BMB
2	6.55	Sulfate	0.006	0.016	1.38	0.132	BMB
3	8.07	n.a.	0.041	0.101	6.42	n.a.	BMB
Total:			0.242	1.204	100.00	0.132	

23 K2107119-001

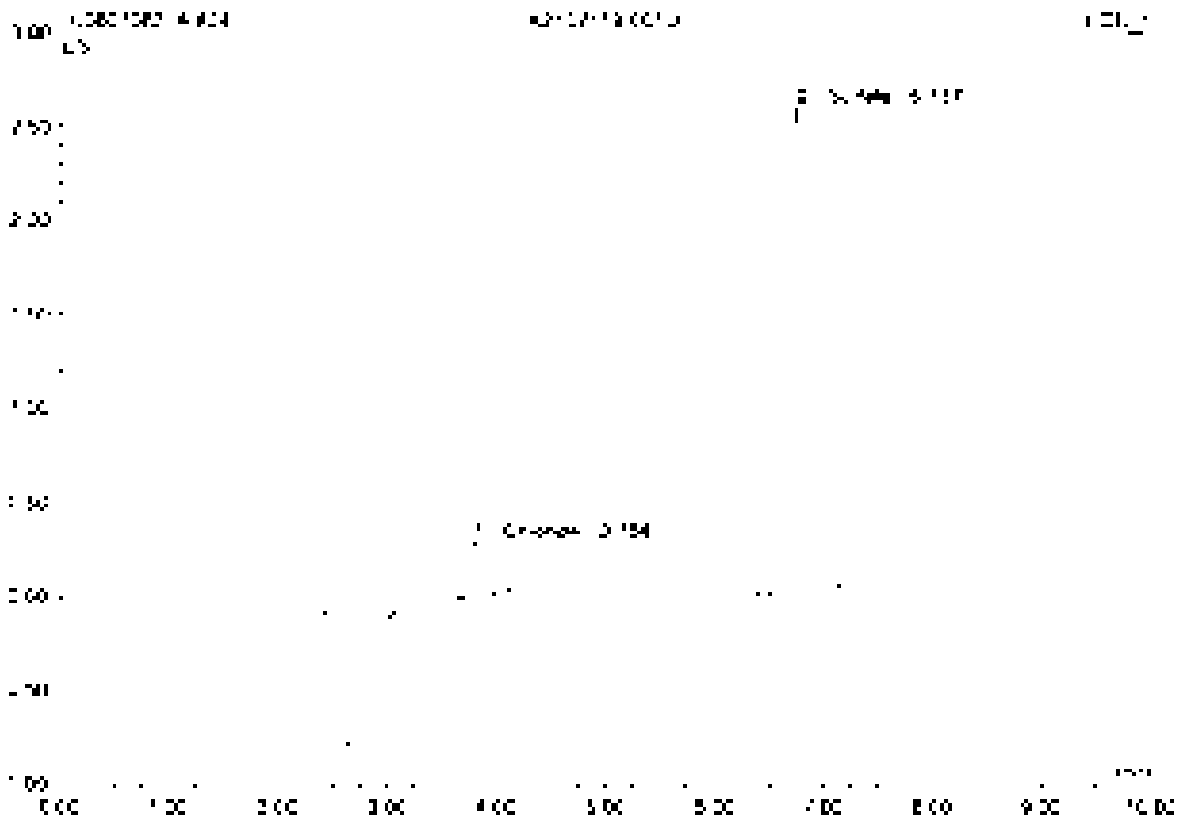
Sample Name	K2107119-001	Injection Volume	25.0
Vial Number	11	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	20.0000
Recording Time	7/8/2021 22:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.75	Chlorate	0.280	0.037	5.41	3.671	BMB
2	6.07	n.a.	0.027	0.005	0.88	n.a.	BMB
3	[illegible]	Sulfate	2.568	0.548	93.69	88.958	BMB
Total:			2.877	0.585	100.00	92.629	

24 K2107119-001D

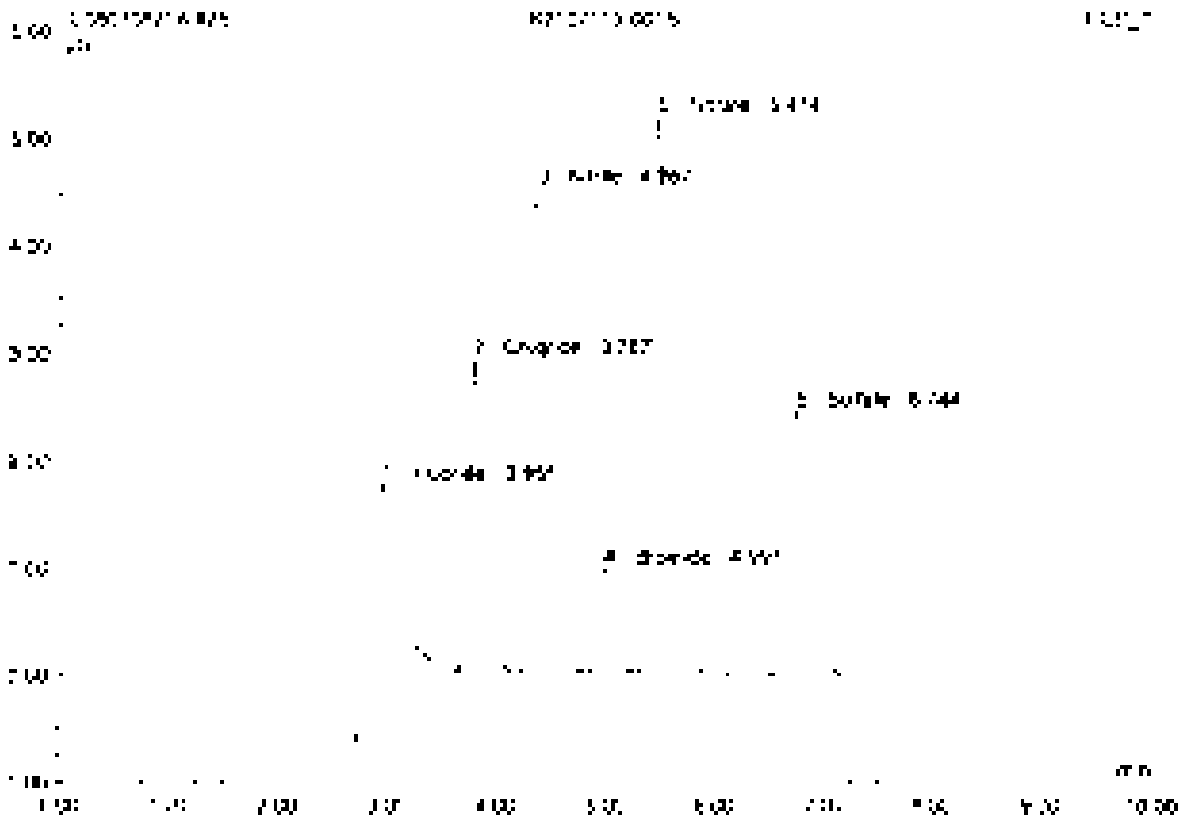
Sample Name	K2107119-001D	Injection Volume	35.0
Vial Number	12	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	20.0000
Processing Time	7/8/2021 22:42	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.78	Chlorine	0.286	0.012	5.58	3.737	BMB
2	6.74	S. Tate	2.573	0.548	94.42	52.948	BMB
Total:			2.859	0.580	100.00	52.685	

25 K2107119-001S

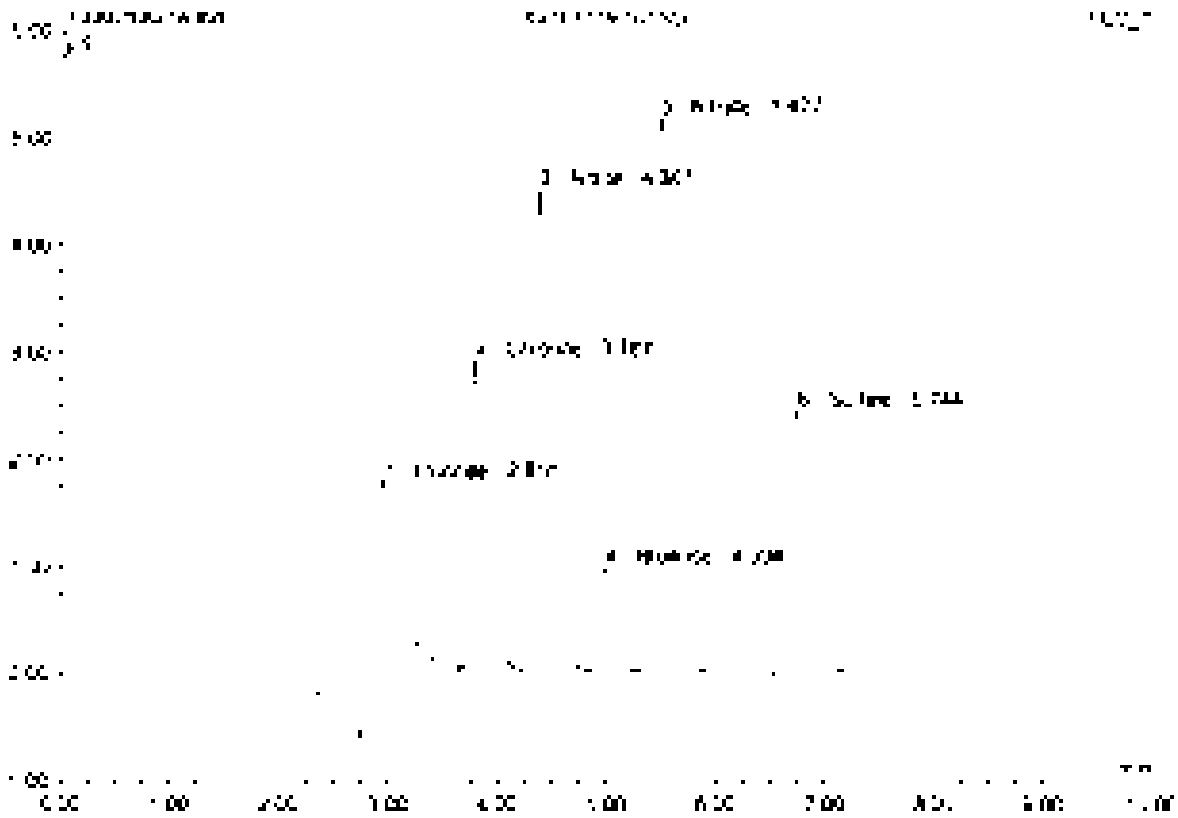
Sample Name	K2107119-001S	Injection Volume	25.0
Vial Number	13	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Operator Method	epa300	Dilution Factor	40.0000
Recording Time	7/8/2021 22:54	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	2.227	0.020	19.50	58.705	BMB
2	3.79	Chloride	2.894	0.365	10.84	79.599	BMB
3	4.37	Nitrite	4.516	0.713	22.42	80.092	BMB
4	4.99	Bromide	0.957	0.139	4.39	78.652	BMB
5	5.47	Nitrate	5.162	0.841	26.47	79.952	BMB
6	6.74	Sulfate	7.455	0.520	16.38	169.962	BMB
Total:			18.240	3.178	100.00	585.956	

26 K2107119-001SD

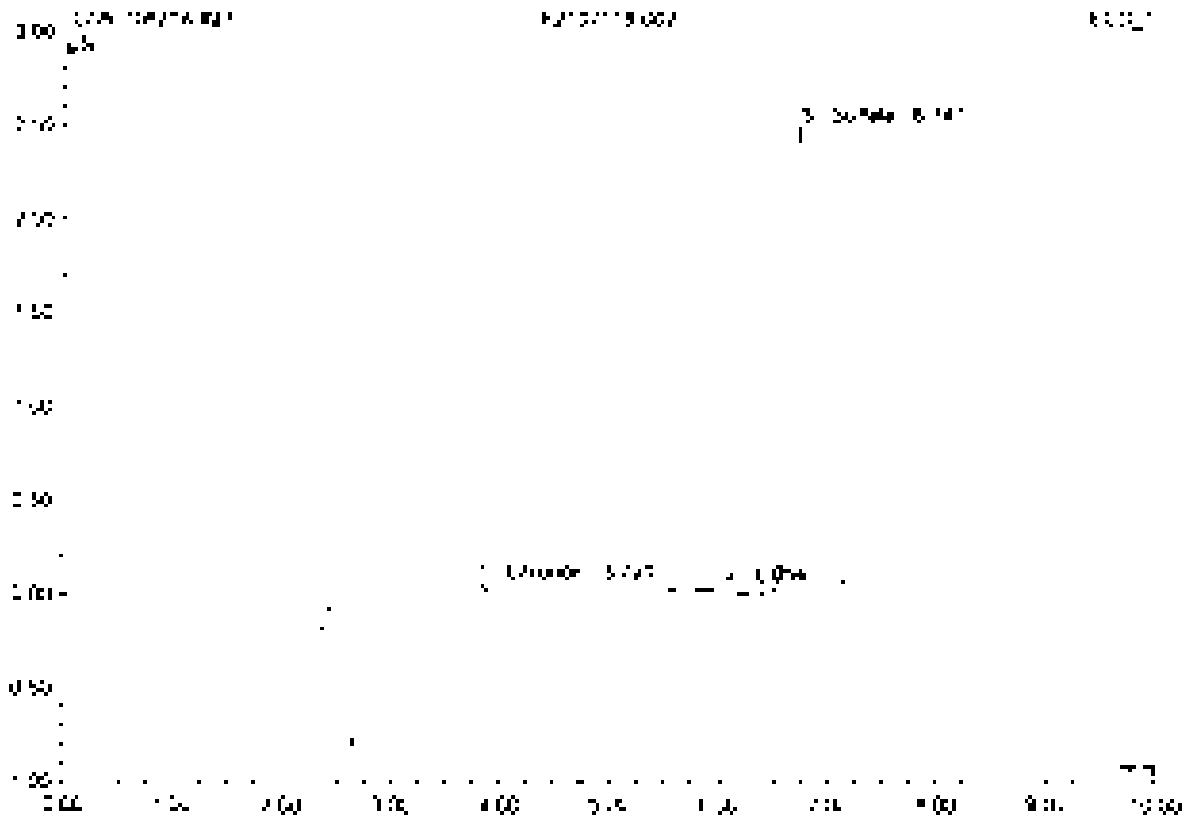
Sample Name	K2107119-001SD	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	40.0000
Recording Time	7/9/2021 23:00	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.55	Fluoride	2.249	0.621	18.53	50.385	BMB
2	3.79	Chloride	2.875	0.341	10.17	76.825	BMB
3	4.27	Nitrite	4.489	0.708	22.36	79.509	BMB
4	4.59	Bromide	0.957	0.139	4.39	79.203	BMB
5	5.48	Nitrate	5.160	0.838	25.46	79.663	BMB
6	6.74	Sulfate	2.867	0.519	15.35	168.574	BMB
Total:			18.183	3.157	100.00	583.959	

27 K2107119-002

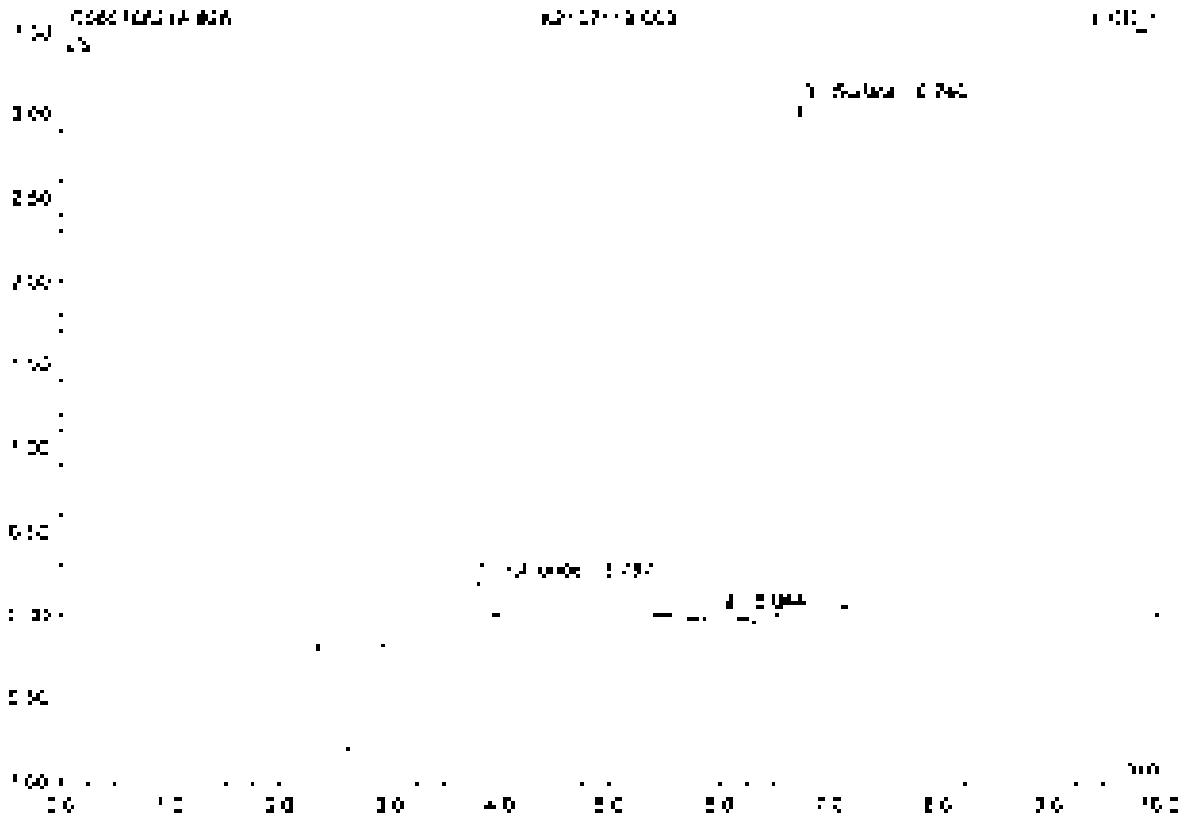
Sample Name	K2107119-002	Injection Volume	25.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	100.0000
Recording Time	7/8/2021 23:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.79	Chloride	0.543	1.0[illegible]	55.7[illegible]	587.485	BMB
2	6.05	n.a.	0.040	0.009	0.60	n.a.	bMB
3	6.74	S. fate	2.461	0.522	33.69	423.450	bMB
Total:			3.043	1.549	100.00	1010.935	

28 K2107119-003

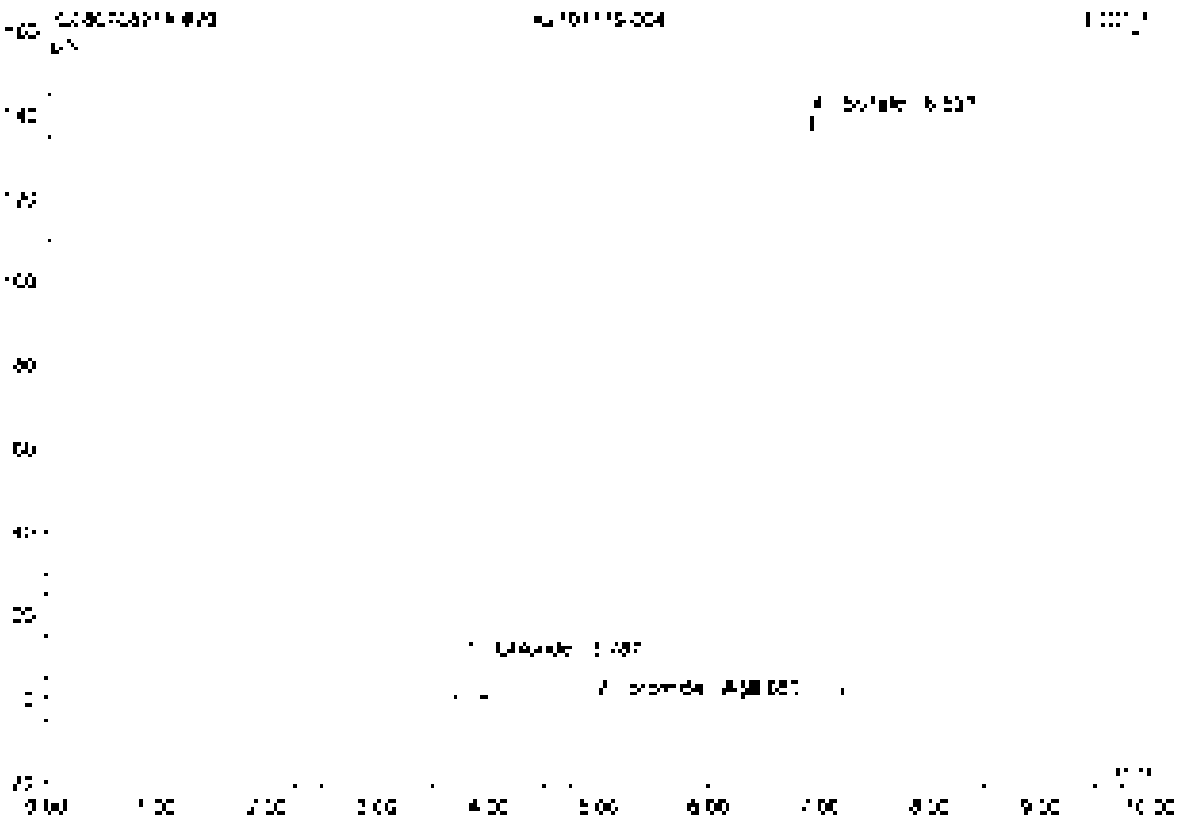
Sample Name	K2107119-003	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	200.0000
Processing Time	7/8/2021 23:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.79	Chloride	0.217	0.324	3.56	28.700	BV8
2	6.04	n.a.	0.044	0.016	2.35	n.a.	BV8
3	6.74	Sulfate	3.061	8.848	94.09	1047.340	BV8
Total			3.321	9.088	100.00	1076.539	

29 K2107119-004

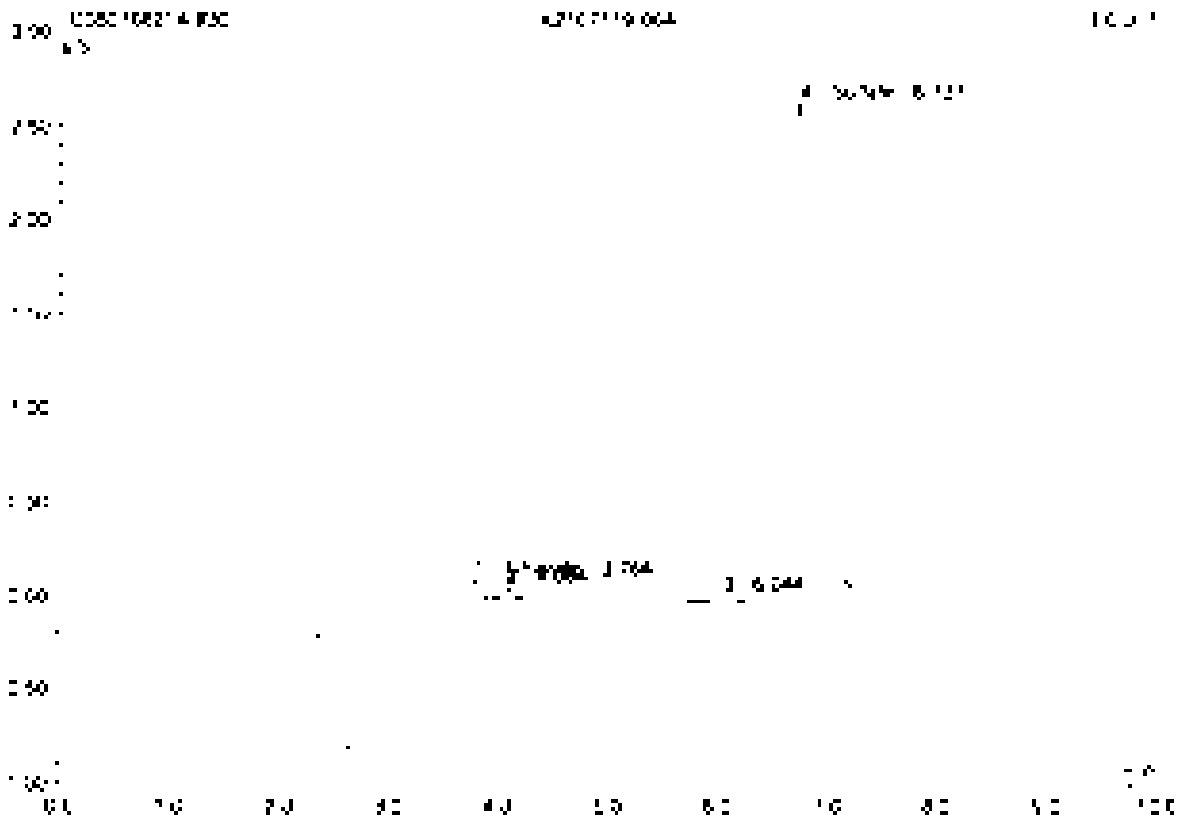
Sample Name	K2107119-004	Injection Volume	25.0
Vial Number	17	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Data File Name	epa300	Dilution Factor	5.0000
Recording Time	7/9/2021 23:40	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.79	Chloride	6.258	1.061	2.32	31.521	BMB
2	4.59	Bromide	0.059	0.069	0.02	0.612	BMB
3	6.08	n.a.	0.139	0.022	0.05	n.a.	BMB
4	6.90	Sulfate	138.773	45.864	97.61	1562.899	BMB
Total:			148.239	47.016	100.00	1596.032	

3D K2107119-004

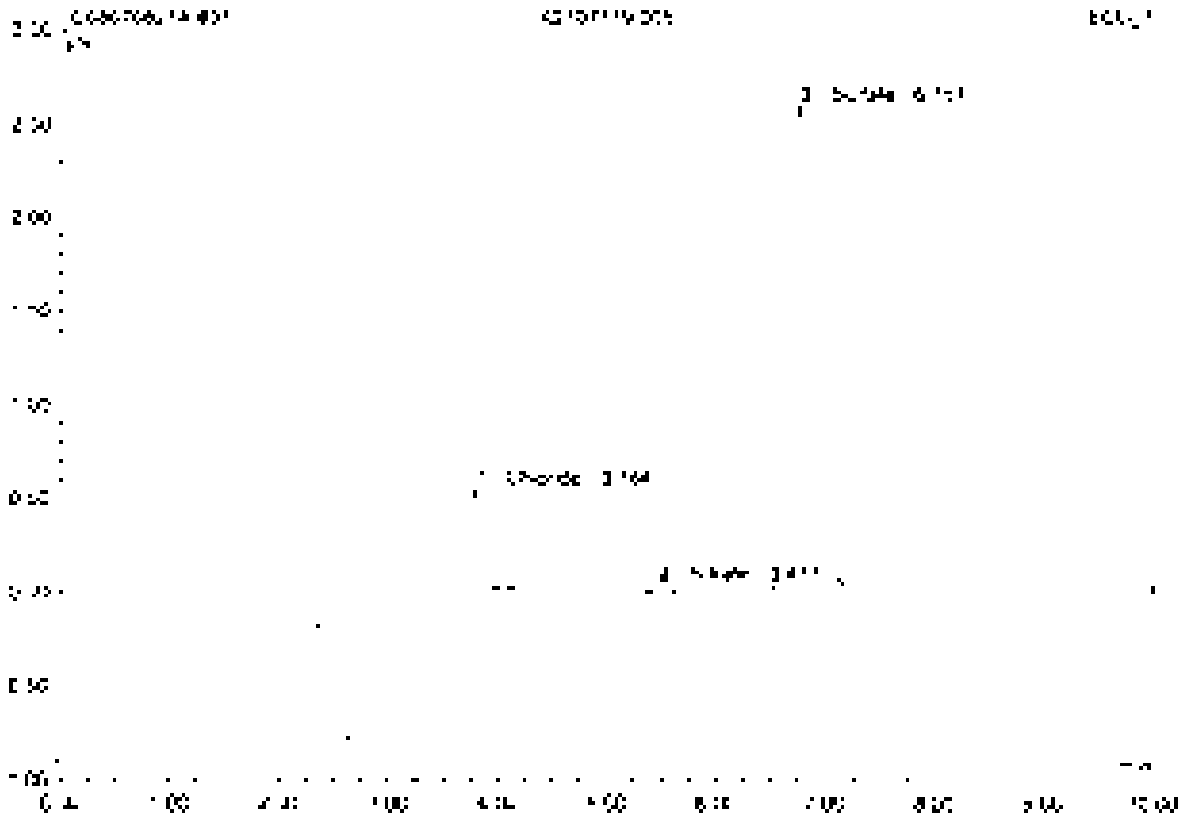
Sample Name	K2107119-004	Injection Volume	35.0
Vial Number	19	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	400.0000
Recording Time	7/8/2021 23:52	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chlorine	0.115	0.013	2.11	30.648	BMB
2	4.36	n.a.	0.007	0.008	1.34	n.a.	BMB
3	6.04	n.a.	0.039	0.009	1.45	n.a.	BMB
4	6.74	Sulfate	2.613	0.587	95.10	1938.597	BMB
Total:			2.842	0.618	100.00	1969.245	

31 K2107119-005

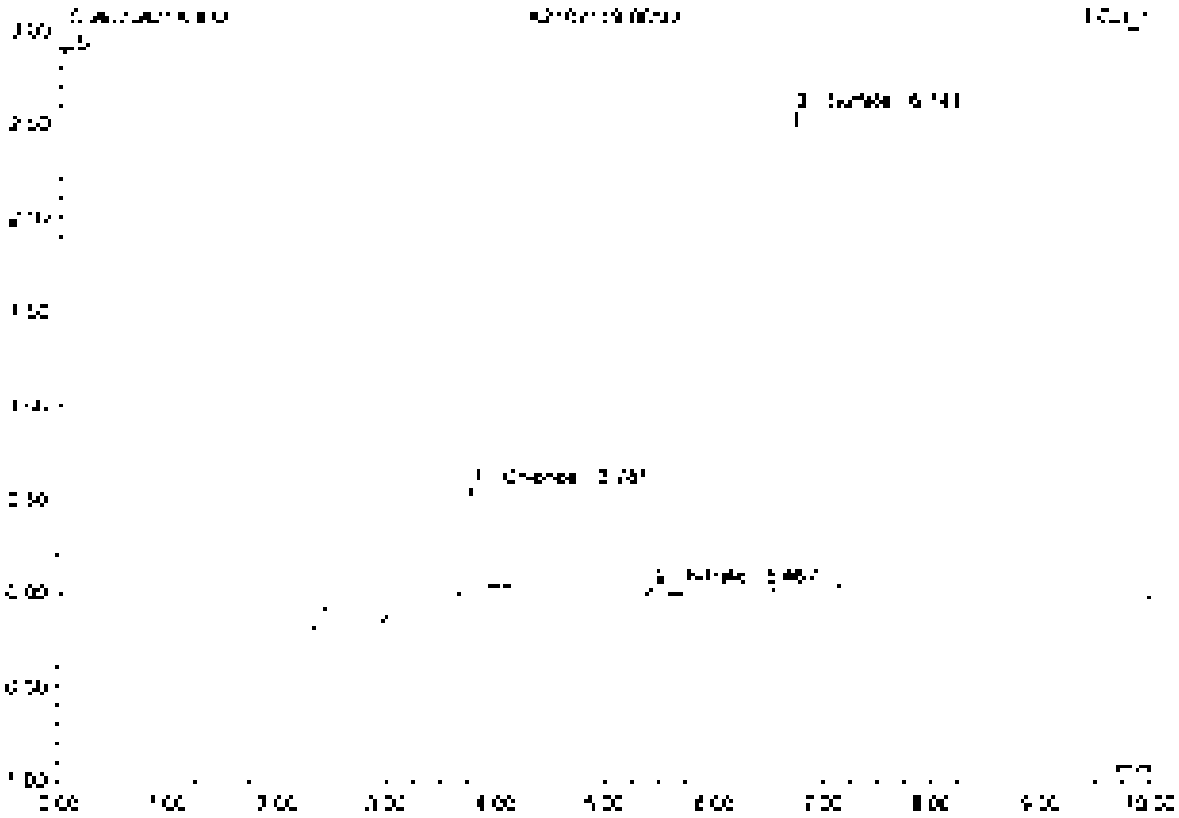
Sample Name:	K2107119-005	Injection Volume:	25.0
Vial Number:	19	Channel:	ECD 1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quant. Method:	epa300	Dilution Factor:	10.0000
Recording Time:	7/9/2021 9:03	Sample Weight:	1.0000
Run Time (min):	10.00	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chloride	0.553	0.067	10.81	3.536	BMB
2	5.48	Nitrate	0.019	0.006	0.99	0.345	BMB
3	6.75	Sulfate	2.564	0.545	88.20	44.318	BMB
Total:			3.158	0.618	100.00	48.218	

32 K2107119-005D

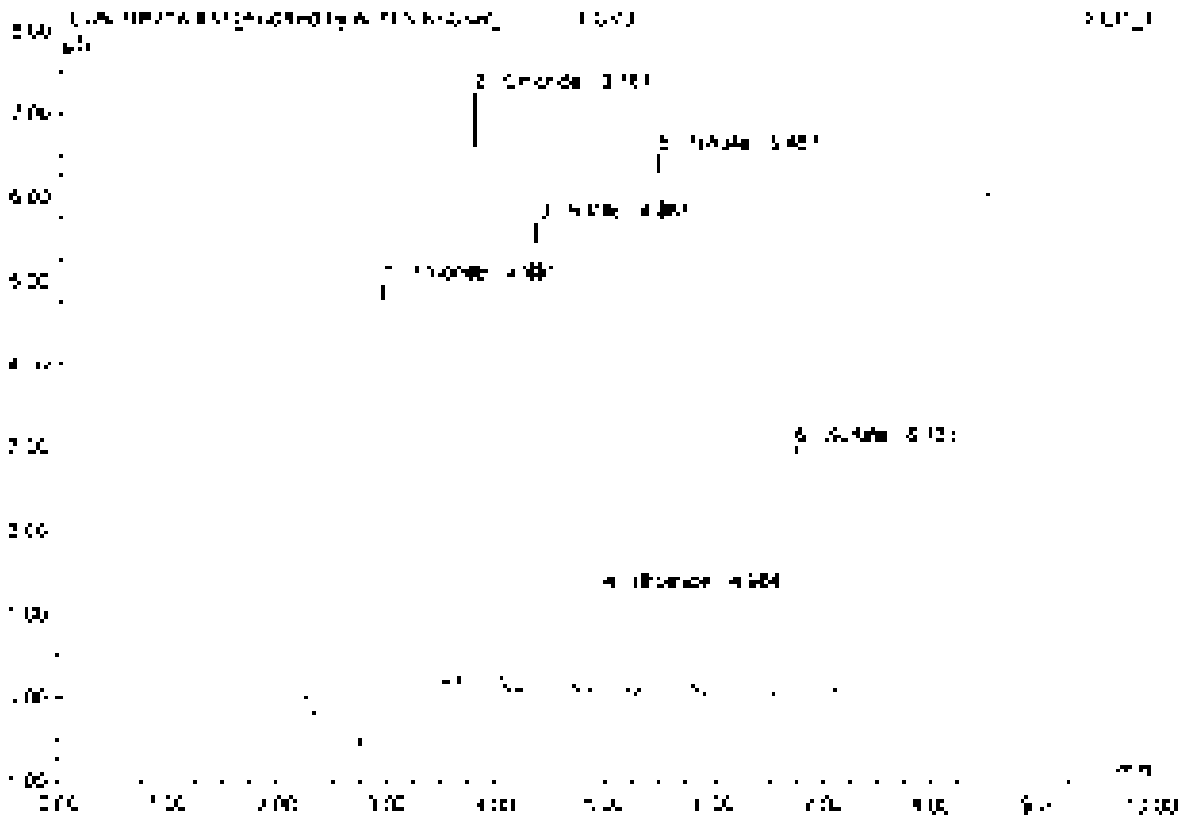
Sample Name	K2107119-005D	Injection Volume	25.0
Vial Number	20	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	10.0000
Recording Time	7/9/2021 0:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chloride	0.554	0.068	10.78	3.817	BMB
2	5.67	Nitrate	0.038	0.006	0.98	0.142	BVB
3	6.74	Sulfate	2.546	0.541	88.24	43.908	BVB
Total:			3.139	0.613	100.00	47.868	

33 CCV3

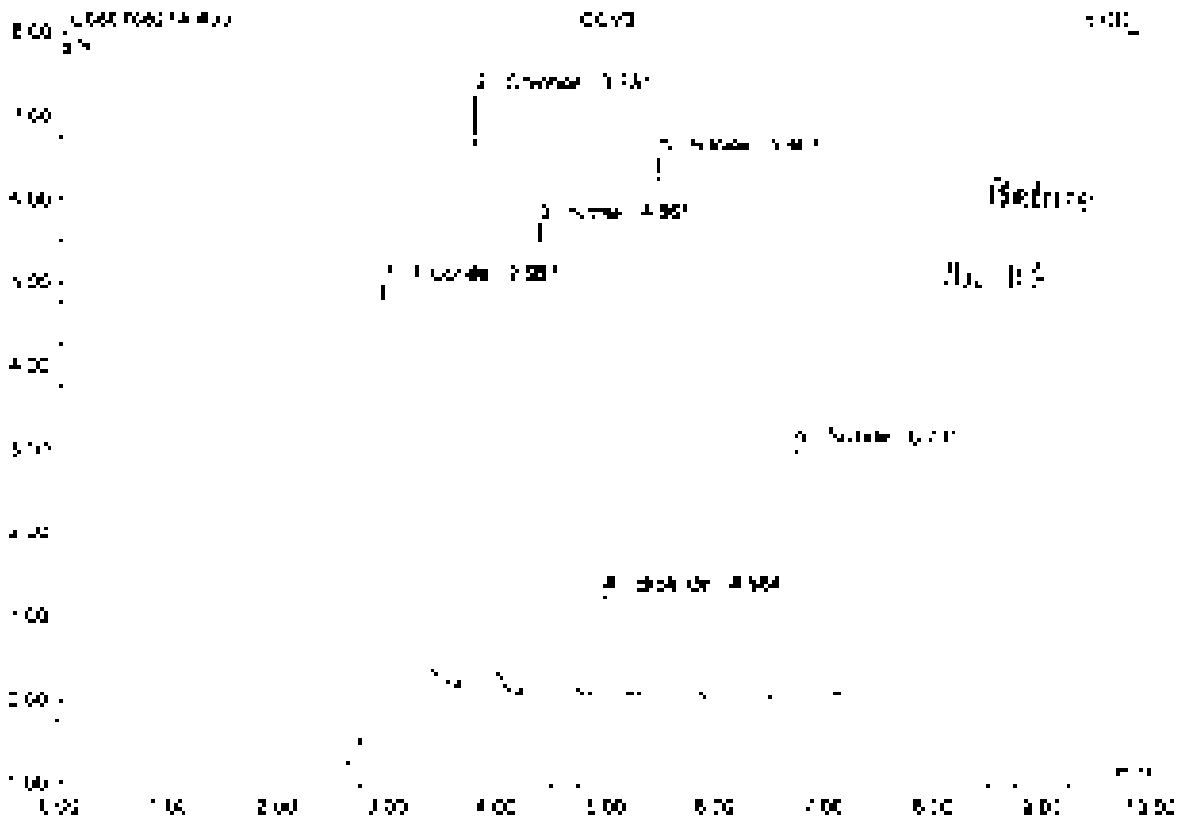
Sample Name	CCV3	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	7/9/2021 9:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.85	Fluoride	5.337	1.250	25.98	4.979	BMB*
2	3.79	Chloride	7.106	0.834	17.32	4.815	BMB*
3	4.36	Nitrite	5.543	0.889	18.45	2.496	BMB
4	4.98	Bromide	1.196	0.172	3.57	2.424	BMB
5	5.47	Nitrate	5.465	1.044	21.70	2.452	BMB
6	6.70	Sulfate	2.975	0.624	12.95	5.063	BMB
Total:			28.721	4.812	100.00	22.228	

33 CCV3

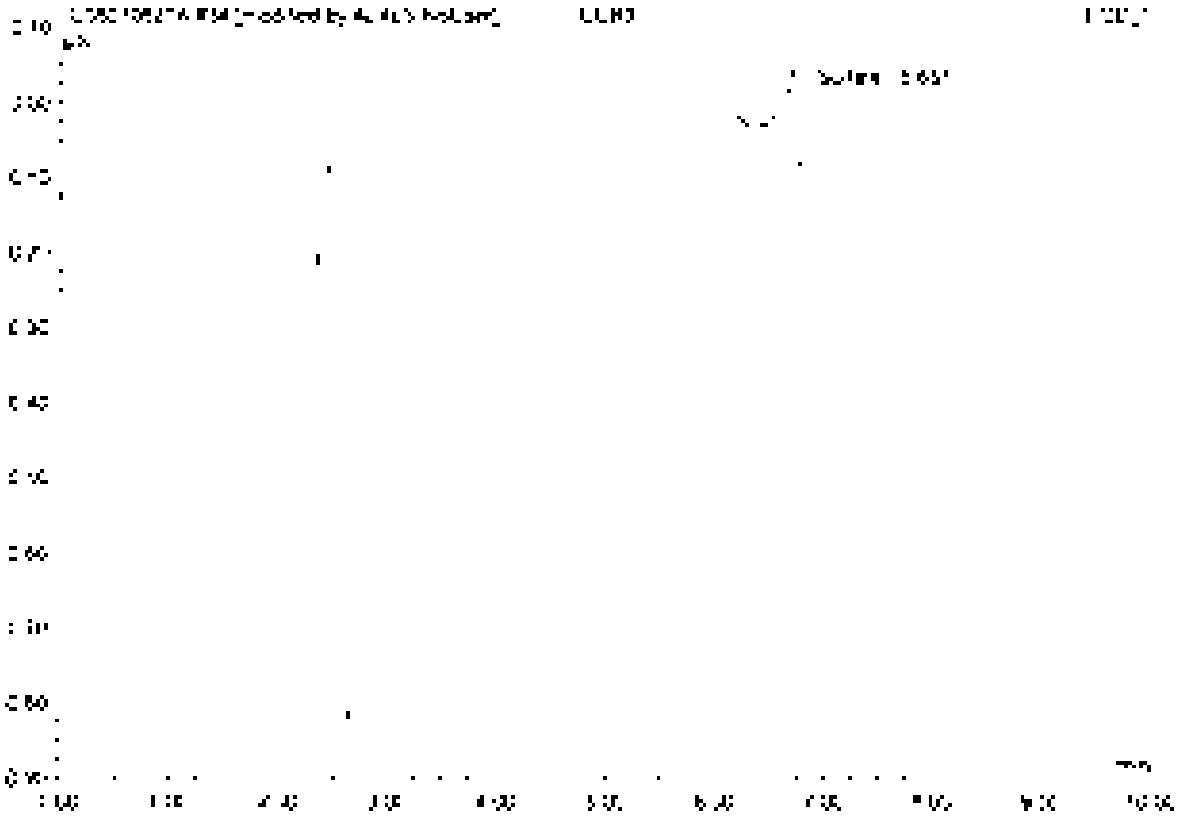
Sample Name	CCV3	Injection Volume	25.0
Vial Number	48	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
System Program	epa300	Bandwidth	n.a.
Guard Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 6:37	Sample Weight	1.0000
Run Time (min)	16.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	5.371	1.708	36.86	5.209	BMB
2	3.78	Chloride	7.189	0.834	17.12	4.215	BMB
3	4.36	Nitrite	5.643	0.888	19.24	2.456	BMB
4	4.98	Bromide	7.195	0.172	3.53	2.424	BMB
5	5.47	Nitrate	6.461	1.044	21.44	2.482	BMB
6	6.73	Sulfate	2.875	0.624	12.81	5.053	BMB
Total:			28.734	4.870	100.00	22.480	

34 CCB3

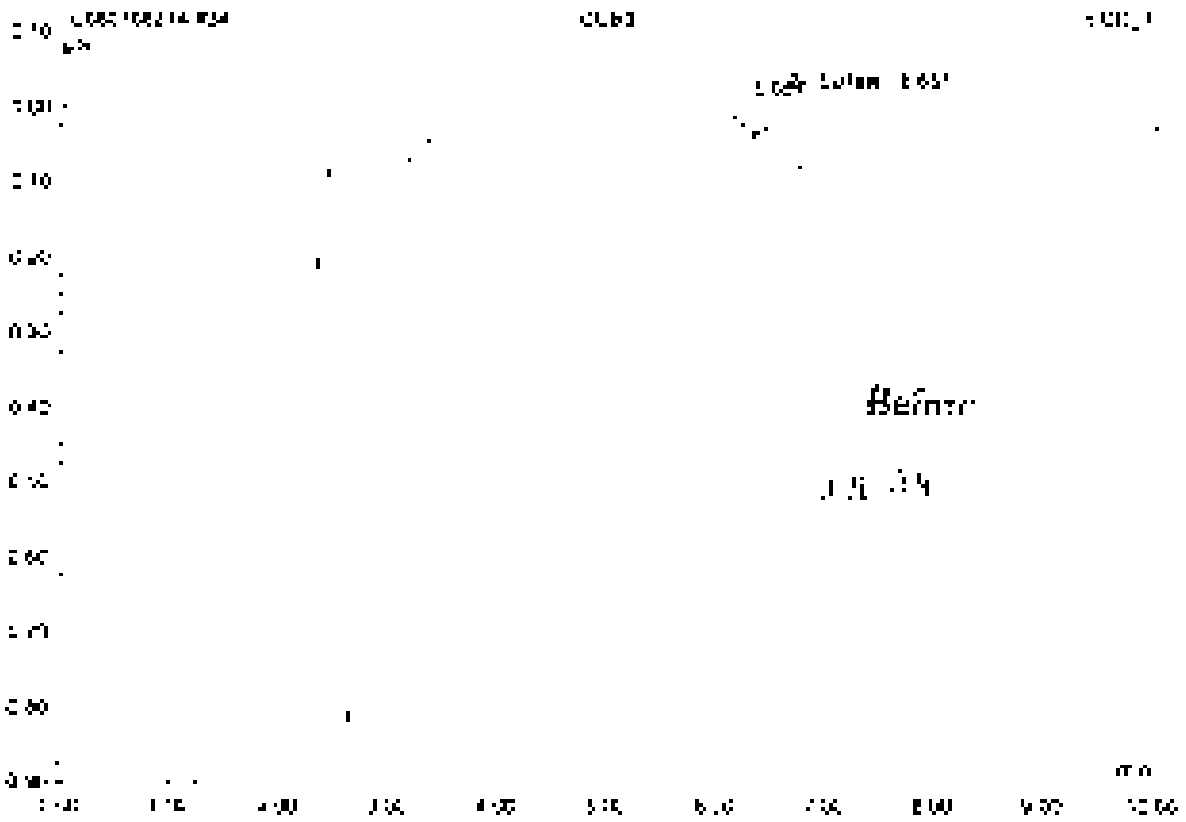
Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 9:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.65	Sulfate	0.047	0.005	100.00	0.049	BV*B*
Total:			0.047	0.005	100.00	0.049	

34 CCB3

Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Sequence Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 6:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

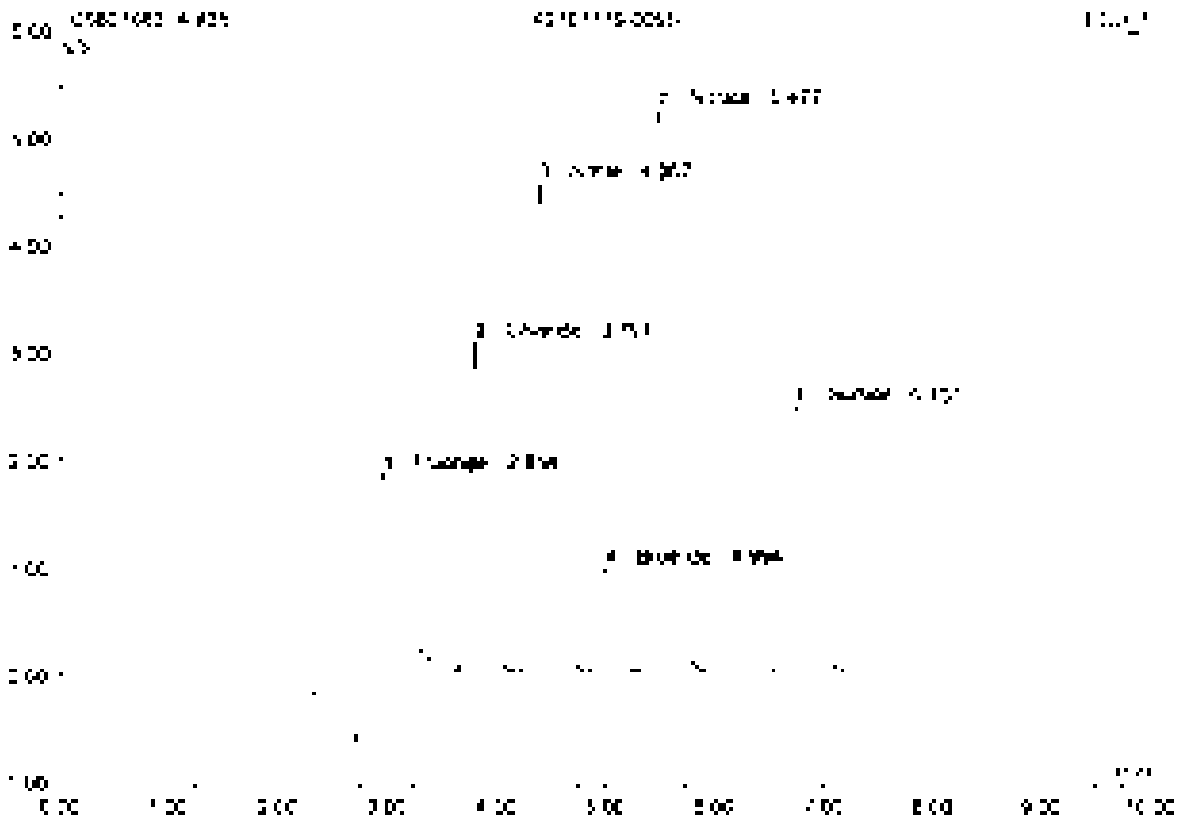


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.06	n.a.	0.109	1.364	58.83	n.a.	BV*
2	6.65	Bromide	0.085	0.955	41.17	0.129	bVB
Total:			0.195	2.319	100.00	0.129	

35 K2107119-005S

needs reanalysis

Sample Name	K2107119-005S	Injection Volume	35.0
Vial Number	21	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	20.0000
Recording Time	7/9/2021 0.30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

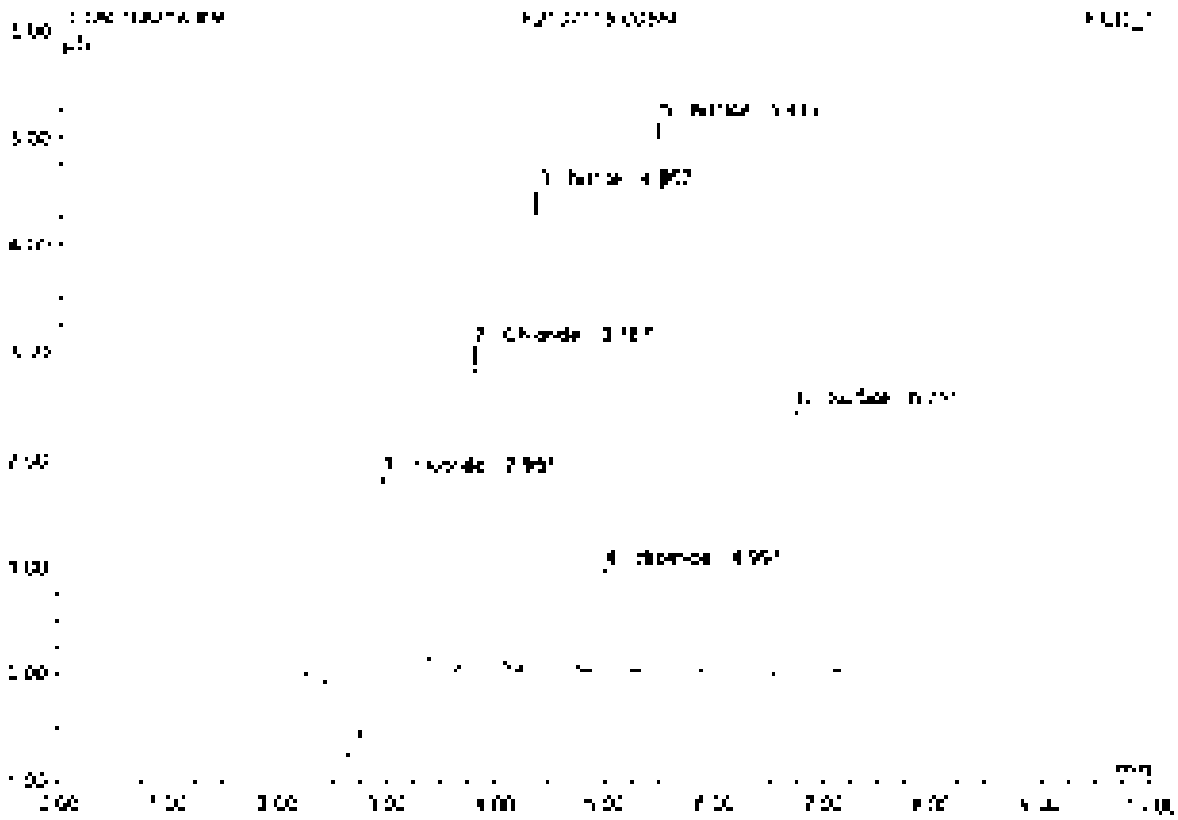


No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	2.95	Fluoride	2.335	0.642	19.80	51.123	BMB
2	3.73	Chloride	2.058	0.354	11.22	42.047	BMB
3	4.37	Nitrite	4.565	0.719	22.18	40.415	BMB
4	4.99	Bromide	0.874	0.140	4.31	35.420	BMB
5	5.48	Nitrate	5.243	0.850	26.20	40.425	BMB
6	6.75	Sulfate	2.486	0.537	16.26	26.622	BMB
Total:			18.562	3.243	100.00	236.055	

36 K2107119-005SD

needs reanalysis

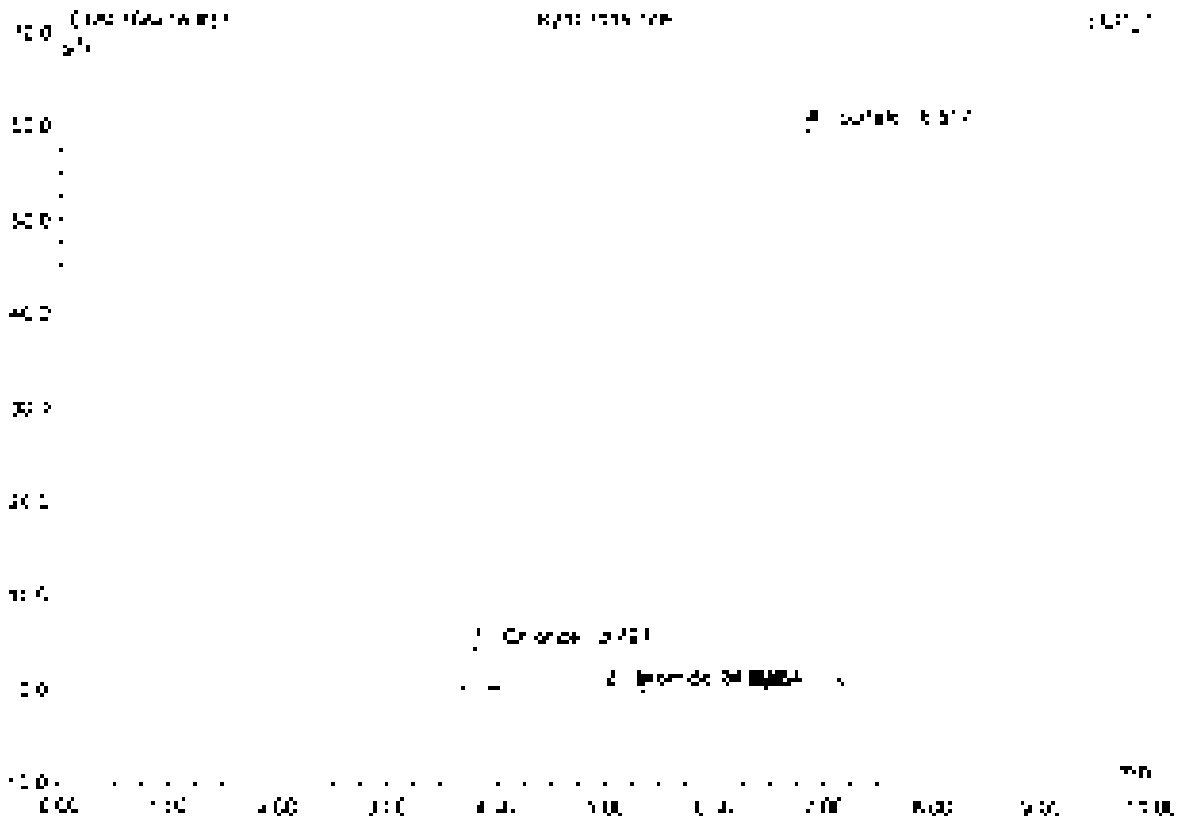
Sample Name	K2107119-005SD	Injection Volume	35.0
Vial Number	22	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	20.0000
Recording Time	7/9/2021 1:02	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.85	Fluoride	2.303	0.628	13.72	50.903	BMB
2	3.79	Chloride	3.002	0.356	11.19	41.145	BMB
3	4.37	Nitrite	5.459	0.703	22.09	39.531	BMB
4	4.99	Bromide	0.956	0.139	4.33	38.930	BMB
5	5.48	Nitrate	5.136	0.834	26.21	39.666	BMB
6	6.75	Sulfate	2.405	0.524	16.46	85.065	BMB
Total:			19.351	3.183	100.00	294.240	

37 K2107119-006

Sample Name	K2107119-006	Injection Volume	25.0
Vial Number	23	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	10.0000
Recording Time	7/9/2021 1:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

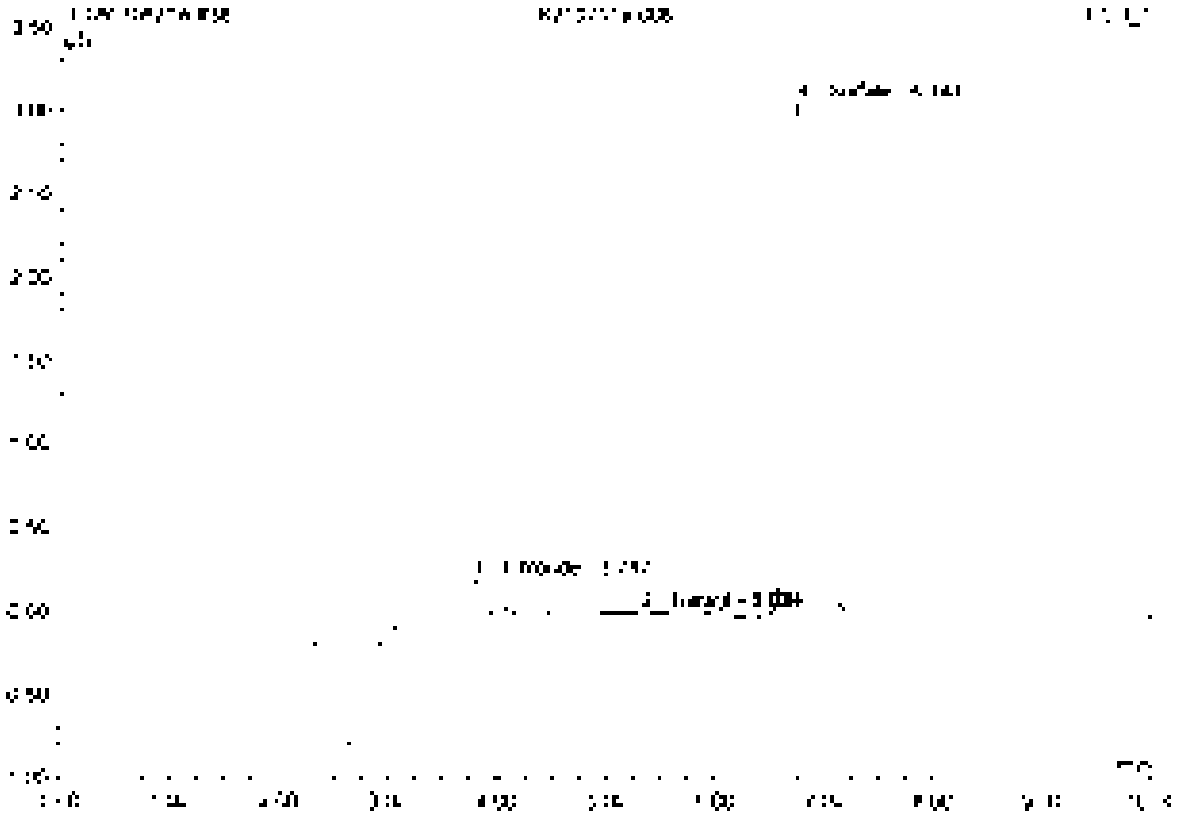


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.73	Chloride	4.456	0.533	3.39	30.[illegible]	BMB
2	4.99	Bromide	0.032	0.005	0.03	0.709	BMB
3	6.05	n.a.	0.090	0.025	0.17	n.a.	bMB
4	6.82	Sulfate	59.181	15.092	96.41	1,216.224	BMB
Total:			63.758	15.654	100.00	1258.564	

38 K2107119-006

needs reanalysis

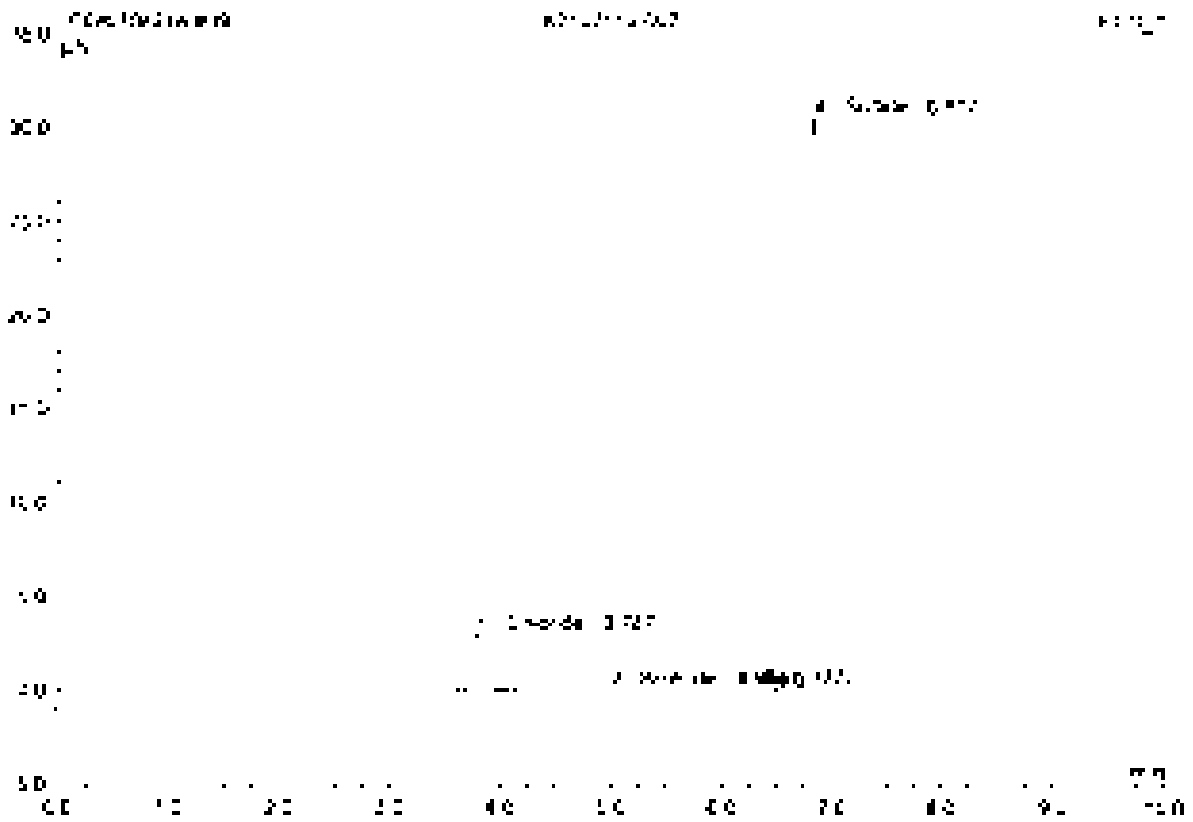
Sample Name	K2107119-006	Injection Volume	25.0
Vial Number	38	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	200.0000
Recording Time	7/8/2021 5:25	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	0.274	0.025	3.61	25.278	BMB
2	5.32	Nitrate	0.016	0.009	1.28	4.175	BMB
3	6.05	n.a.	0.035	0.008	1.12	n.a.	BMB
4	6.74	Sulfate	3.855	0.552	93.96	1049.289	BMB
Total:			3.923	0.594	100.00	1092.742	

39 K2107119-007

Sample Name	K2107119-007	Injection Volume	25.0
Vial Number	26	Channel	EGD 1
Sample Type	unknown	Wavelength	n.a
Comm Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Acquisition Time	7/9/2021 1:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

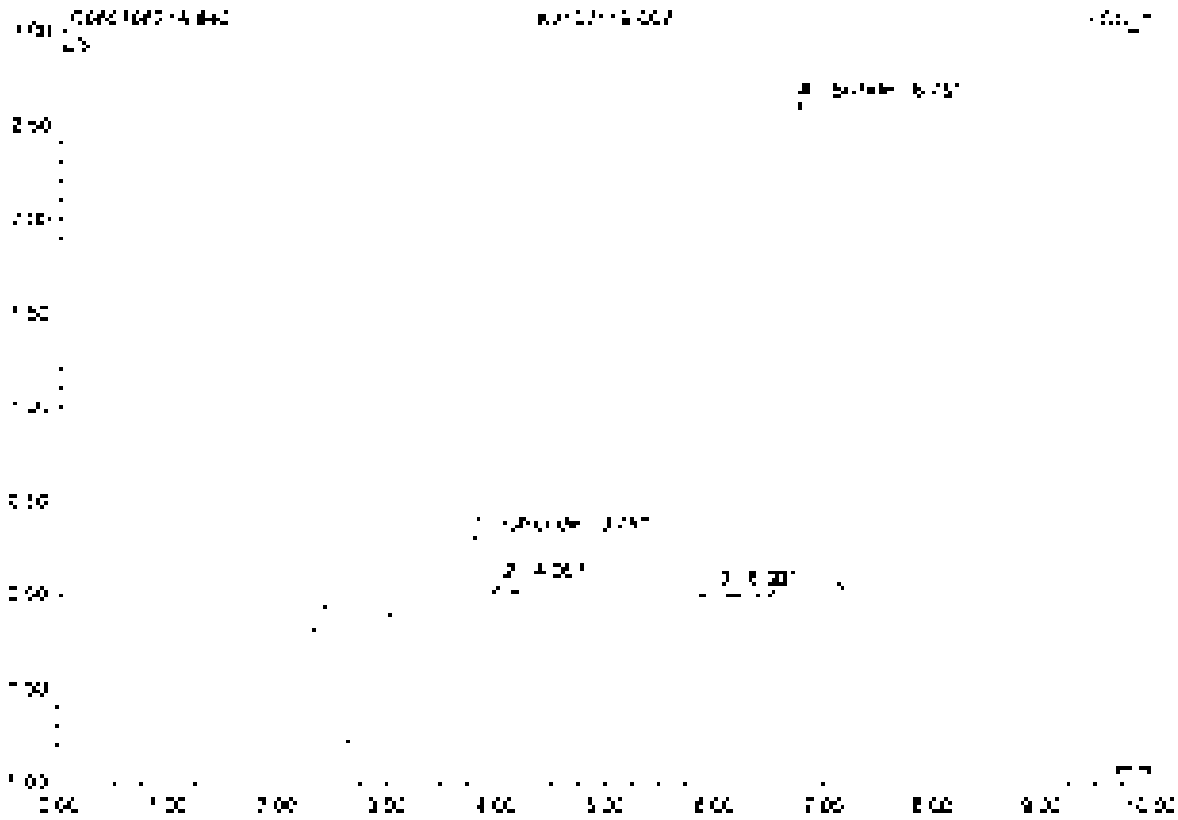


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	2.992	0.081	5.60	[illegible]	BMB
2	4.59	Bromide	0.038	0.006	0.04	[illegible]	BMB
3	6.38	n.a.	0.023	0.007	0.46	n.a.	BMB
4	6.82	Sulfate	30.236	0.082	94.21	98.746	BMB
Total:			33.290	0.455	100.00	103.081	

40 K2107119-007

needs reanalysis

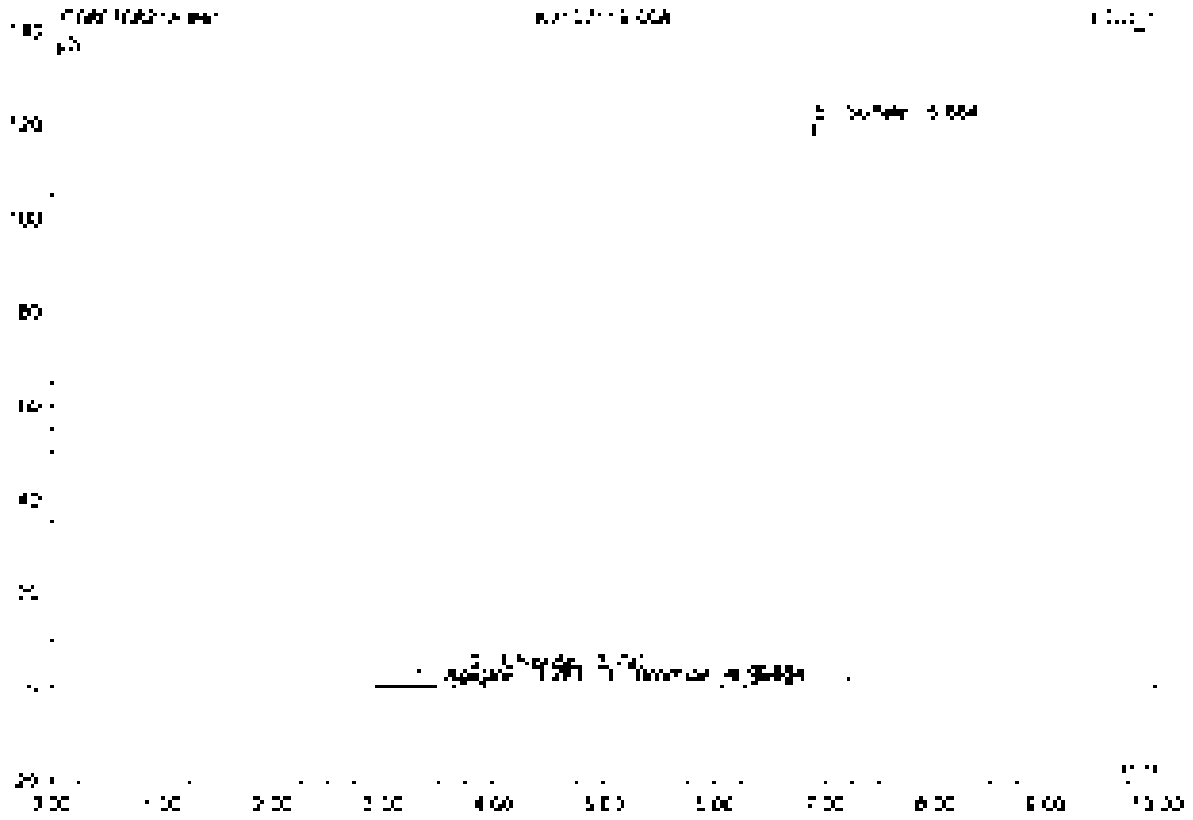
Sample Name	K2107119-007	Injection Volume	25.0
Vial Number	26	Column	EGD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	20.0000
Recording Time	7/9/2021 3:48	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.79	Chloride	0.014	0.035	5.52	4.672	BMB
2	4.07	n.a.	0.048	0.006	0.93	n.a.	BMB
3	6.03	n.a.	0.032	0.007	1.17	n.a.	BMB
4	6.75	Sulfate	2.513	0.559	92.38	90.895	BMB
Total:			2.607	0.606	100.00	94.568	

41 K2107119-008

Sample Name	K2107119-008	Injection Volume	26.0
Vial Number	27	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	7/9/2021 2:00	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

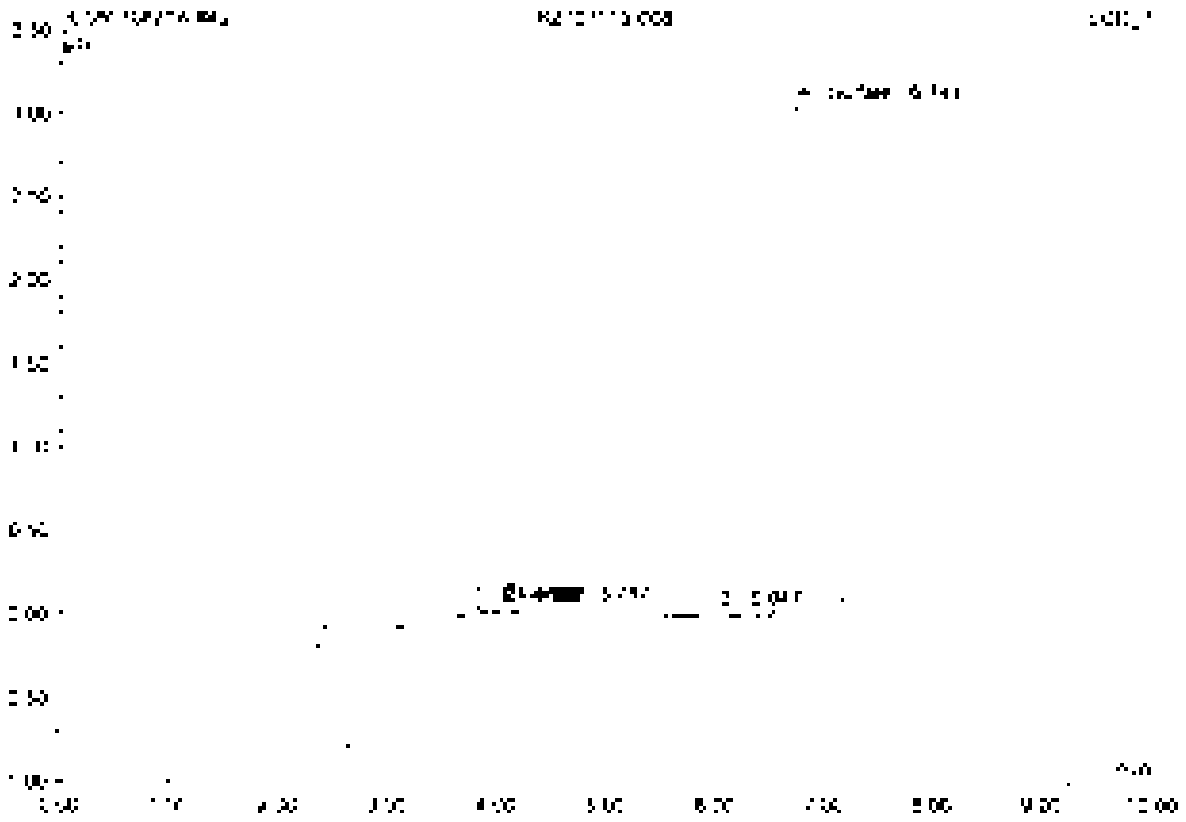


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	0.99	Acetate	0.274	0.207	0.54	n.a.	BMB
2	2.79	Chloride	2.943	0.355	0.92	4.695	BMB
3	4.99	Bromide	0.039	0.025	0.02	0.196	BMB
4	6.06	n.a.	0.131	0.072	0.06	n.a.	BMB
5	6.85	Sulfate	119.150	37.794	98.46	610.945	BMB
Total:			122.541	38.384	100.00	617.909	

42 K2107119-008

needs reanalysis

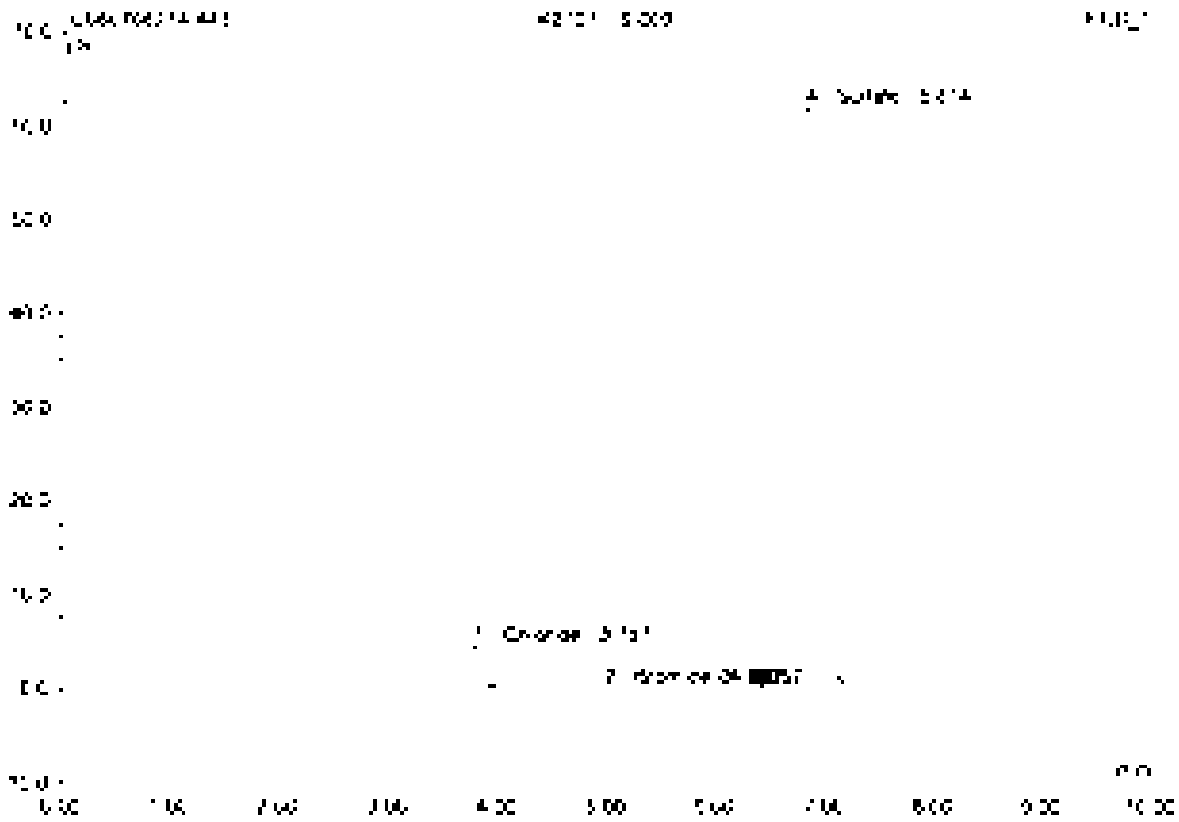
Sample Name	K2107119-008	Injection Volume	25.0
Vial Number	28	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	100.0000
Recording Time	7/9/2021 2:12	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.73	Chlorate	0.072	0.024	3.38	12.705	BMB
2	4.07	n.a.	0.046	0.006	0.85	n.a.	pMB
3	6.05	n.a.	0.041	0.013	1.77	n.a.	BMB
4	6.74	Sulfate	0.931	0.684	94.02	549.258	BMB
Total:			2.121	0.727	100.00	562.964	

43 K2107119-009

Sample Name	K2107119-009	Injection Volume	35.0
Vial Number	29	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	10.0000
Recording Time	7/8/2021 2:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

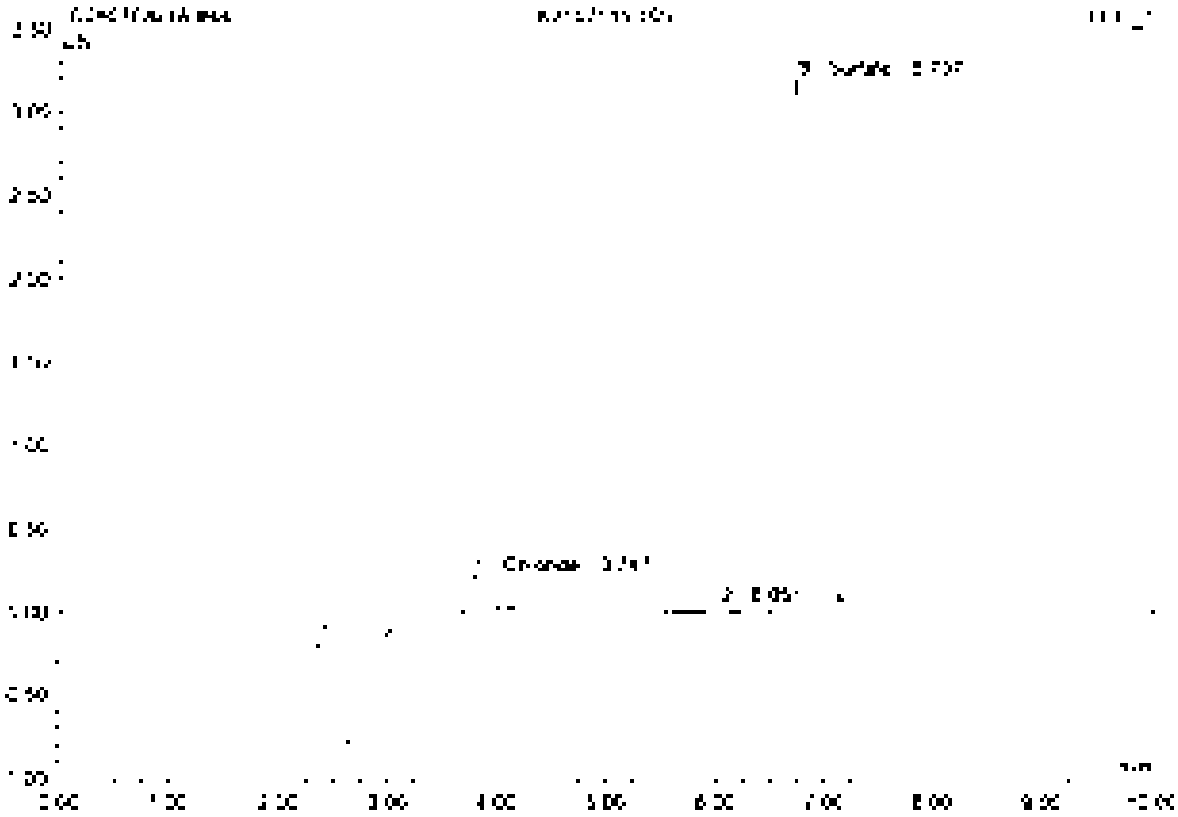


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	4.478	0.530	3.21	30.596	BMB
2	4.59	Bromide	0.033	0.006	0.03	0.058	BMB
3	6.06	n.a.	0.095	0.025	0.16	n.a.	BMB
4	6.81	Sulfate	61.355	15.924	96.60	1292.[illegible]	BMB
Total:			65.962	16.485	100.00	1324.142	

44 K2107119-009

noods reanalysis

Sample Name	K2107119-009	Injection Volume	25.0
Vial Number	30	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	200.0000
Processing Time	7/9/2021 2:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

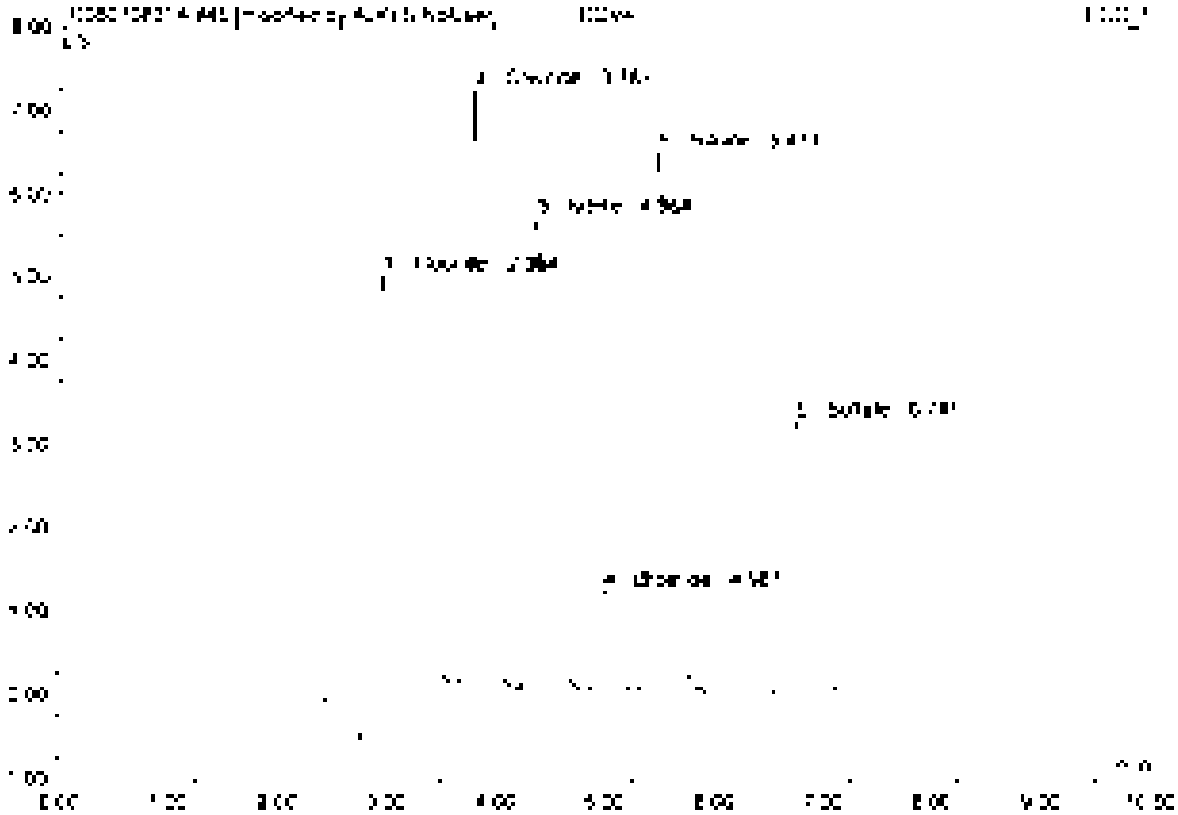


No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chlorate	0.223	0.030	4.70	[illegible]	BMB
2	6.65	n.a.	0.043	0.002	1.25	n.a.	BMB
3	6.74	Sulfate	2.153	0.670	94.02	[illegible]	BMB
Total:			2.428	0.712	100.00	1122.204	

45 CCV4

SO4 OUT

Sample Name	CCV4	Injection Volume	25.0
Vial Number	48	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 2:46	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

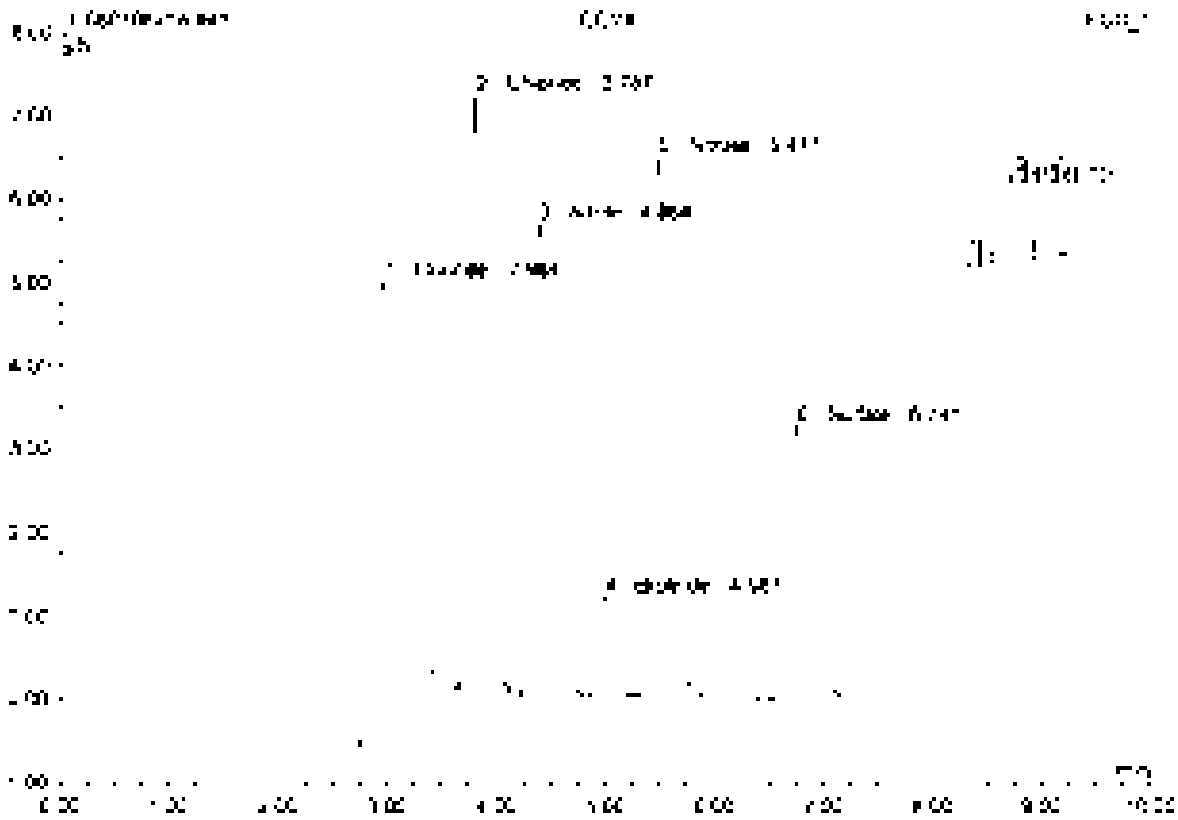


No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.05	Fluoride	5.308	1.761	25.81	5.071	BV*B*
2	2.73	Chloride	7.127	0.835	17.05	4.872	BV*B*
3	4.36	Nitrite	5.500	0.848	18.17	2.495	BMB
4	4.90	Bromide	1.197	0.172	3.52	2.422	BMB
5	5.47	Nitrate	6.474	1.047	21.43	2.482	BVB
6	5.74	Sulfate	3.250	0.592	12.07	5.540	BVB
Total:			29.120	4.885	100.00	22.785	

46 CCV4

SO4 OUT

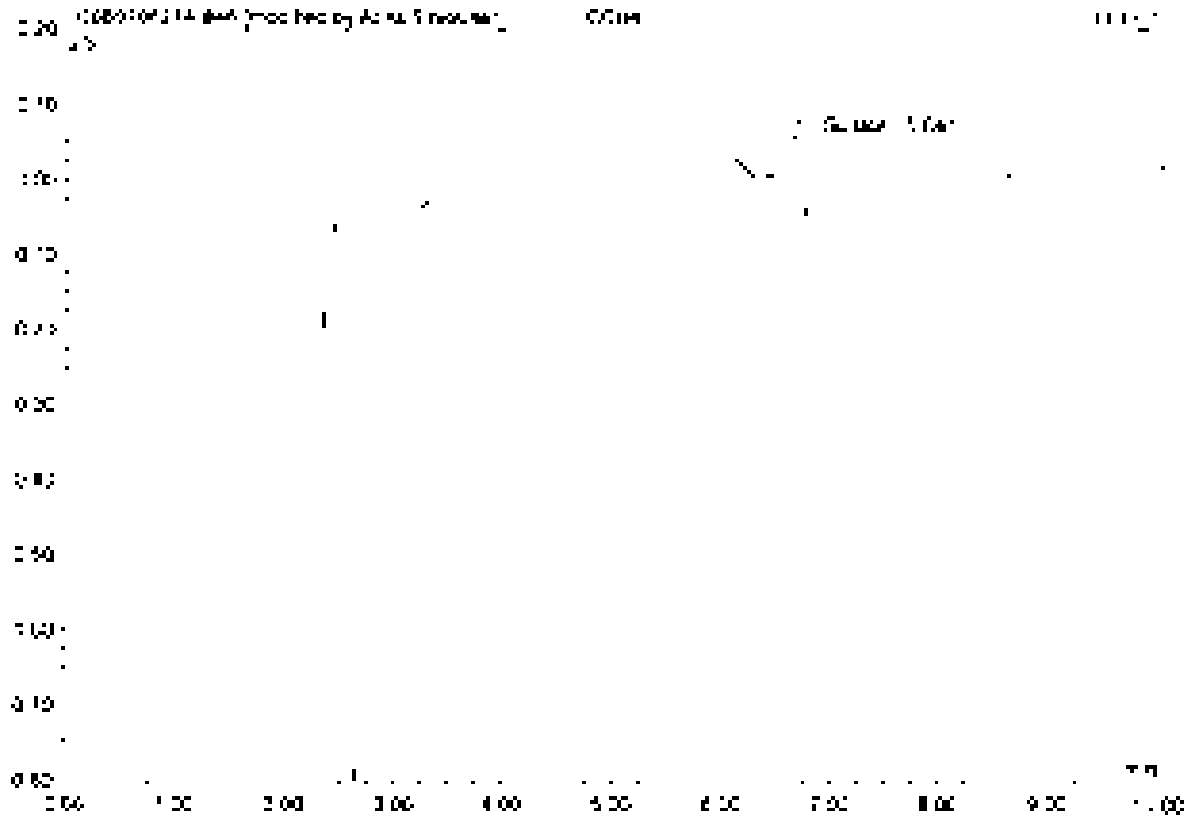
Sample Name	CCV4	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Comm. Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	7/8/2021 3:46	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.55	Fluoride	2.429	1.316	25.64	5.239	BMB
2	3.79	Chloride	7.127	0.835	16.90	4.822	BMB
3	4.35	Nitrite	5.666	0.889	17.97	2.495	BMB
4	4.59	Bromide	1.107	0.172	3.48	2.422	BMB
5	5.47	Nitrate	6.874	1.047	21.20	2.499	BMB
6	6.74	Sulfate	3.759	0.682	13.82	5.540	BMB
Total:			29.152	4.939	100.00	23.005	

46 CCB4

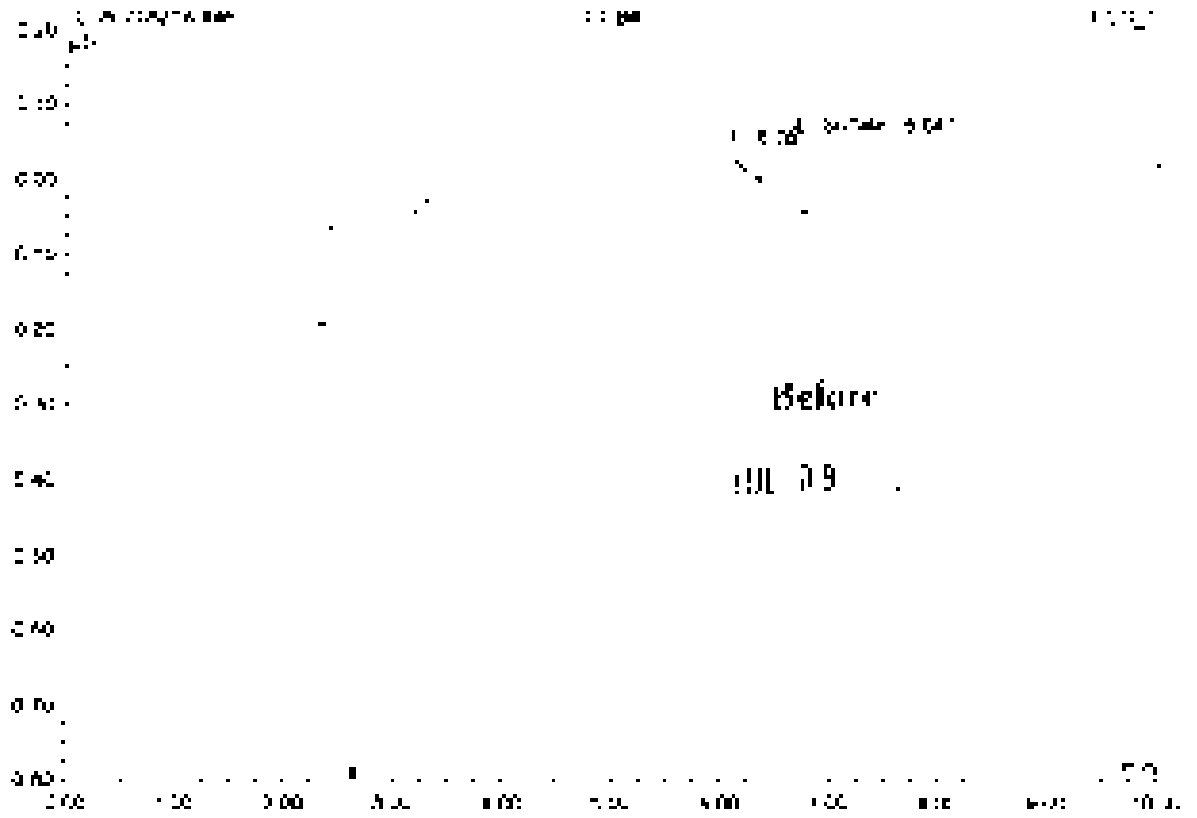
Sample Name	CCB4	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	1.0000
Recording Time	7/5/2021 2:58	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.64	S. Iwin	0.050	0.007	100.00	0.056	BMB*
Total:			0.050	0.007	100.00	0.056	

46 CCB4

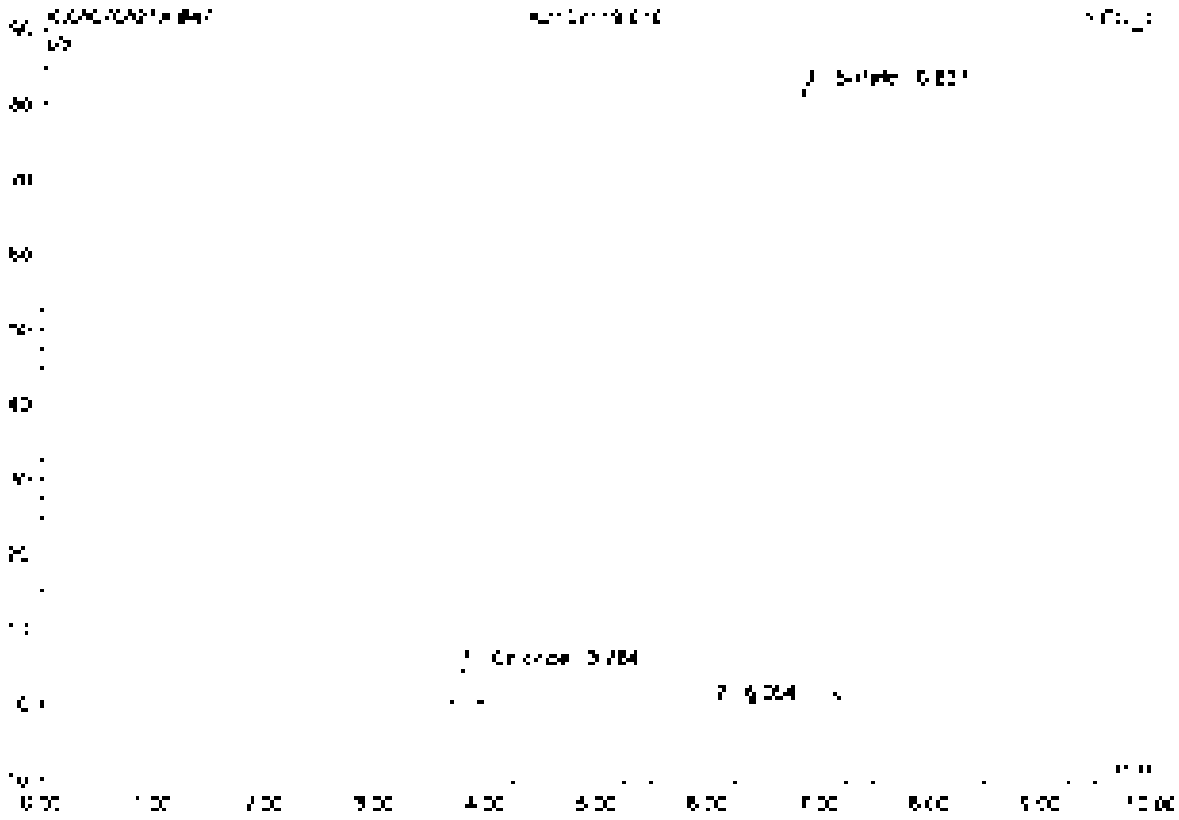
Sample Name	CCB4	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/8/2021 2:58	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.95	n.a.	0.133	1.364	98.80	n.a.	BMB
2	8.54	Sulfate	0.090	0.017	1.20	0.135	BMB
Total:			0.142	1.381	100.00	0.135	

47 K2107119-010

Sample Name	K2107119-010	Injection Volume	25.0
Vial Number	31	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Current Method	epa300	Dilution Factor	10.0000
Recording Time	7/9/2021 3:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

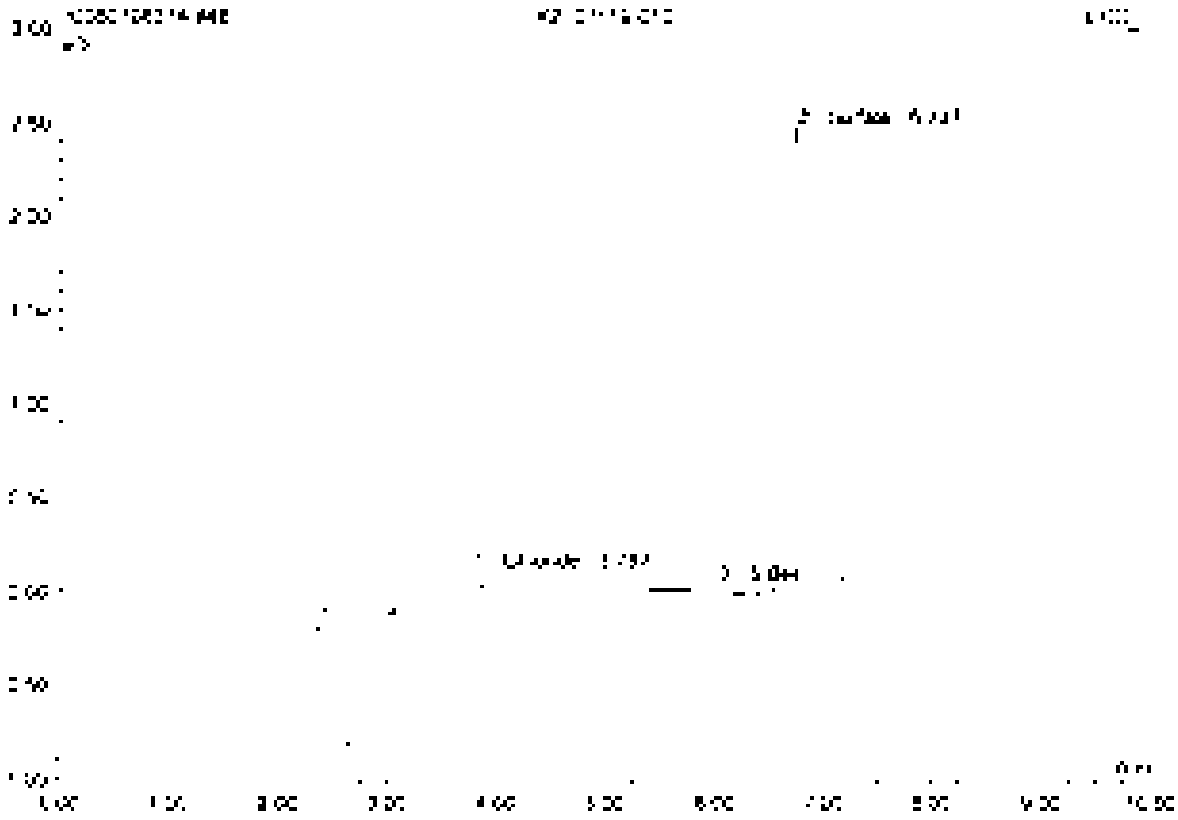


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chloride	4.623	0.550	2.32	31.775	BMB
2	6.06	n.a.	0.106	0.028	0.09	n.a.	BMB
3	8.84	Sulfate	87.423	23.137	97.59	1817.535	BMB
Total:			86.152	23.703	100.00	1849.310	

46 K2107119-010

needs reanalysis

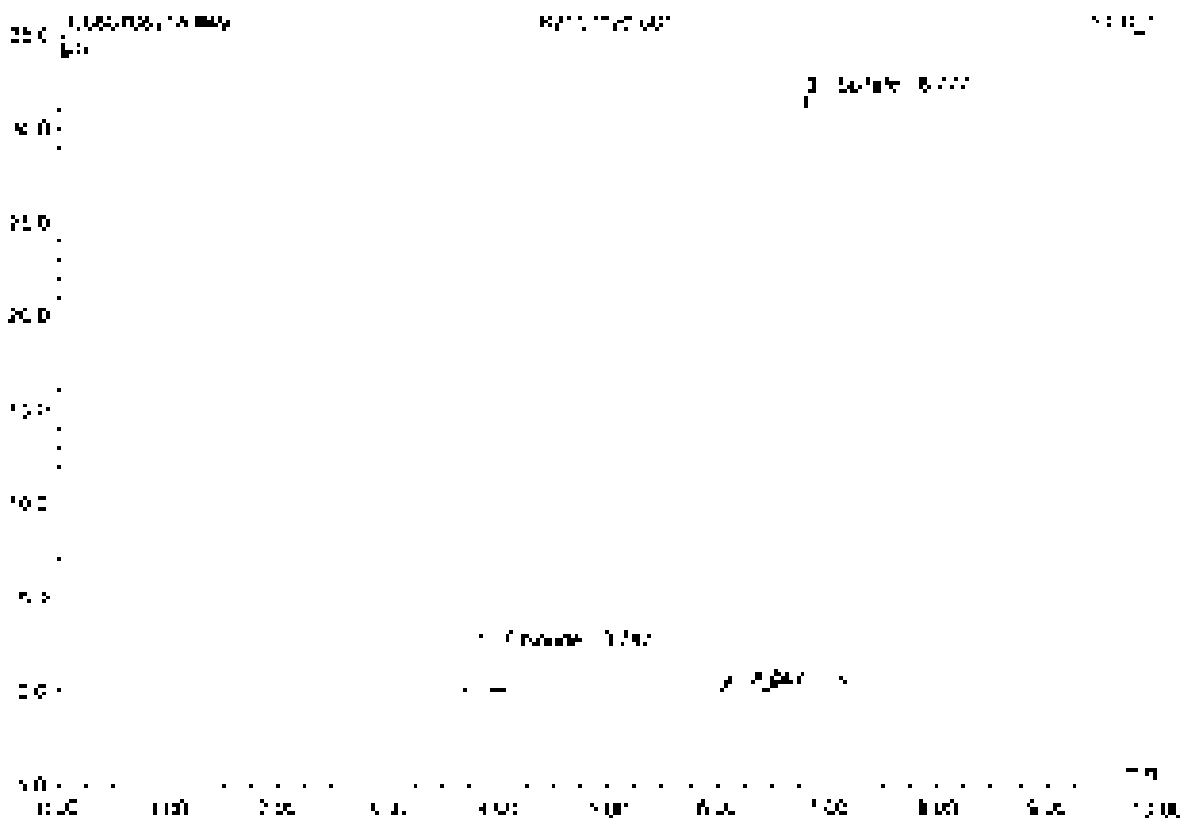
Sample Name	K2107119-010	Injection Volume	25.0
Vial Number	32	Channel	eCD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	400.0000
Recording Time	7/9/2021 3:32	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.79	Chloride	0.153	0.060	9.73	128.470	BMB
2	6.94	n.a.	0.045	0.015	2.67	n.a.	BMB
3	8.04	Sulfate	2.443	0.543	87.61	1757.935	BMB
Total:			2.641	0.619	100.00	1886.405	

49 K2107120-001

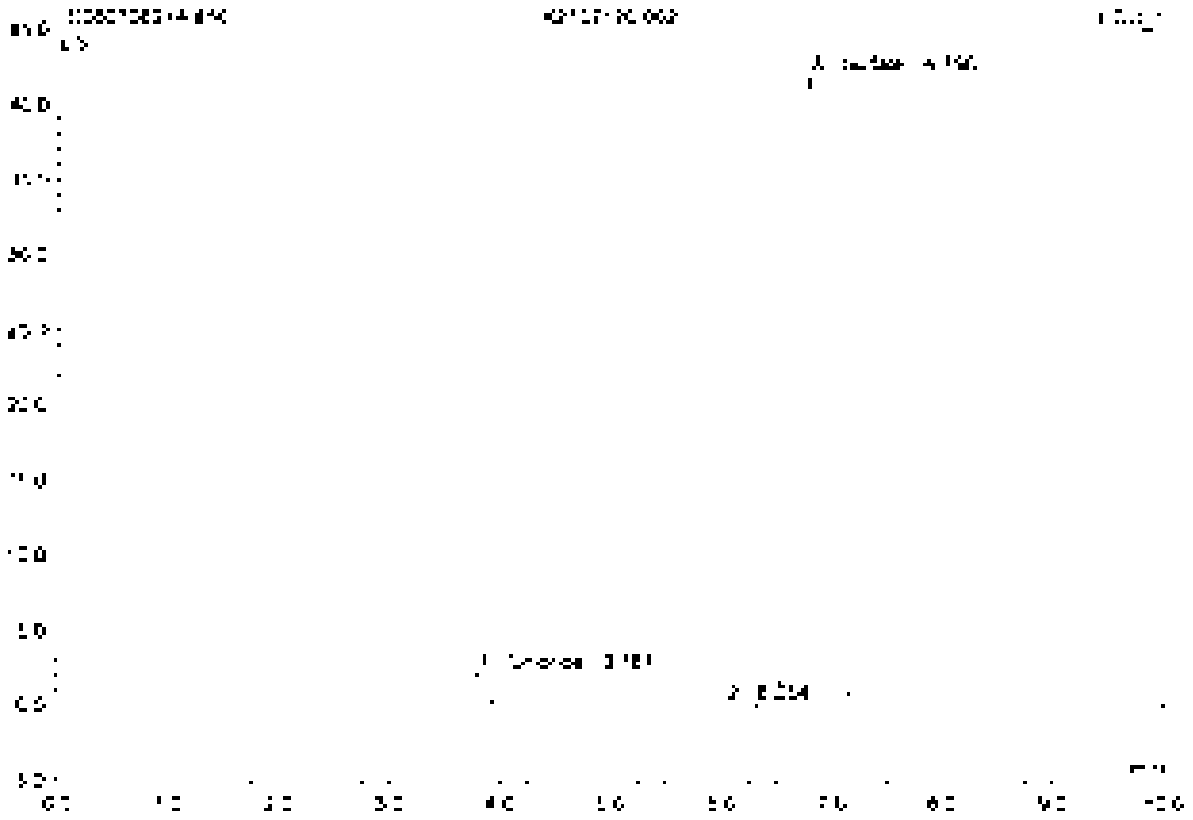
Sample Name	K2107120-001	Injection Volume	25.0
Vial Number	33	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	20.0000
Recording Time	7/8/2021 3:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	2.738	0.256	3.44	29.520	BMB
2	5.05	n.a.	0.060	0.013	0.17	n.a.	BMB
3	6.78	Sulfate	31.417	7.167	96.39	1163.607	BMB
Total:			33.215	7.435	100.00	1193.127	

50 K2107120-002

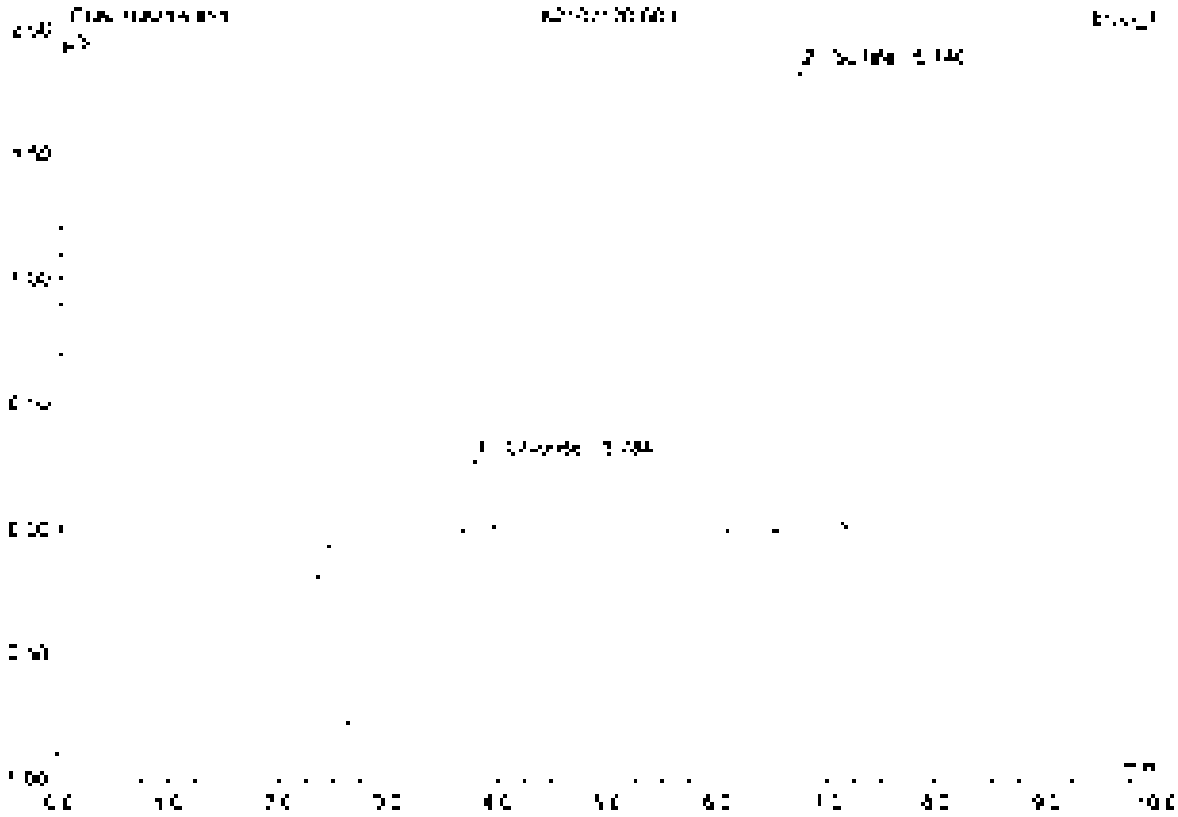
Sample Name	K2107120-002	Injection Volume	25.0
Vial Number	34	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	30.0000
Recording Time	7/9/2021 3:45	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.79	Chlorate	2.128	0.254	2.47	26.369	BMB
2	6.05	n.a.	0.077	0.016	0.14	n.a.	BMR
3	6.79	Sulfate	41.448	10.011	97.39	1625.458	BMB
Total:			43.649	10.280	100.00	1654.827	

51 KZ107120-003

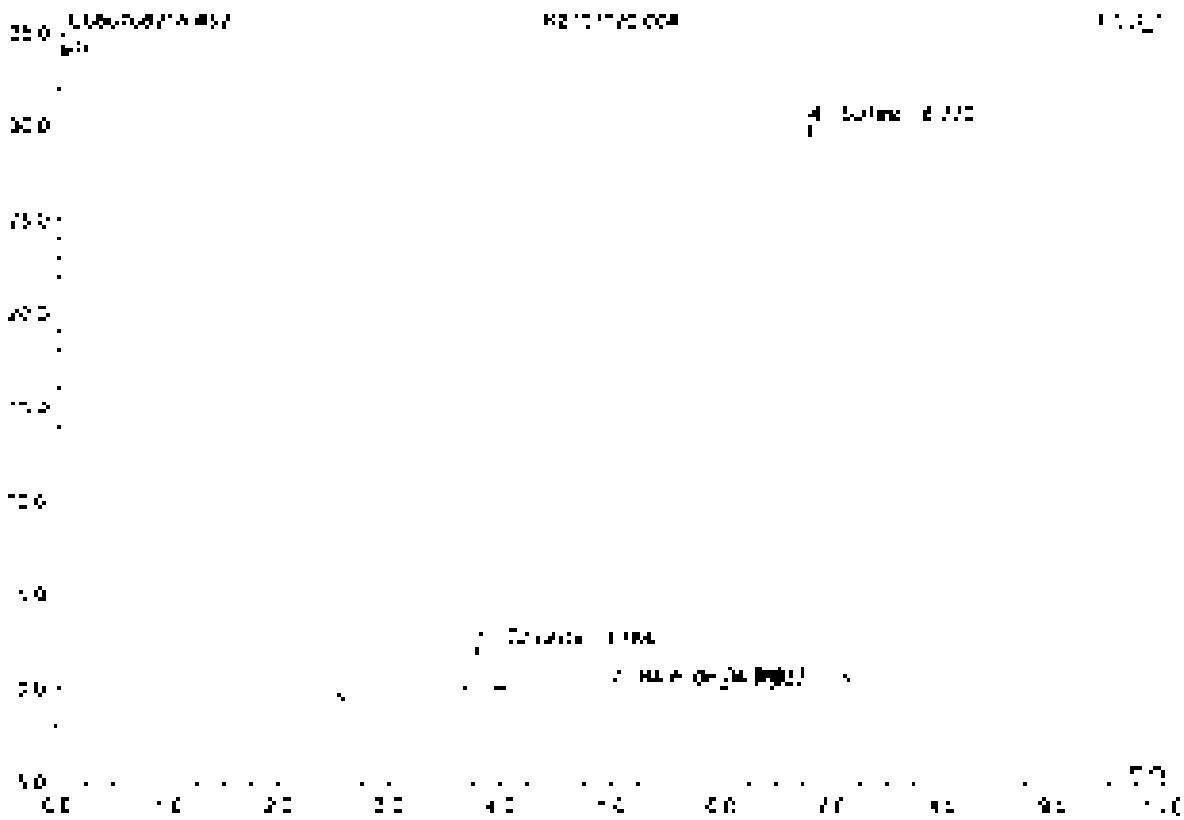
Sample Name	KZ107120-003	Injection Volume	25.0
Vial Number	35	Channel	ECD: 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quantit. Method	spa300	Dilution Factor	20.0000
Recording Time	7/9/2021 3:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chloride	0.291	0.033	7.70	3.803	BMB
2	6.74	Sulfate	1.844	0.398	92.30	64.585	BMB
Total:			2.135	0.431	100.00	68.418	

52 K2107120-004

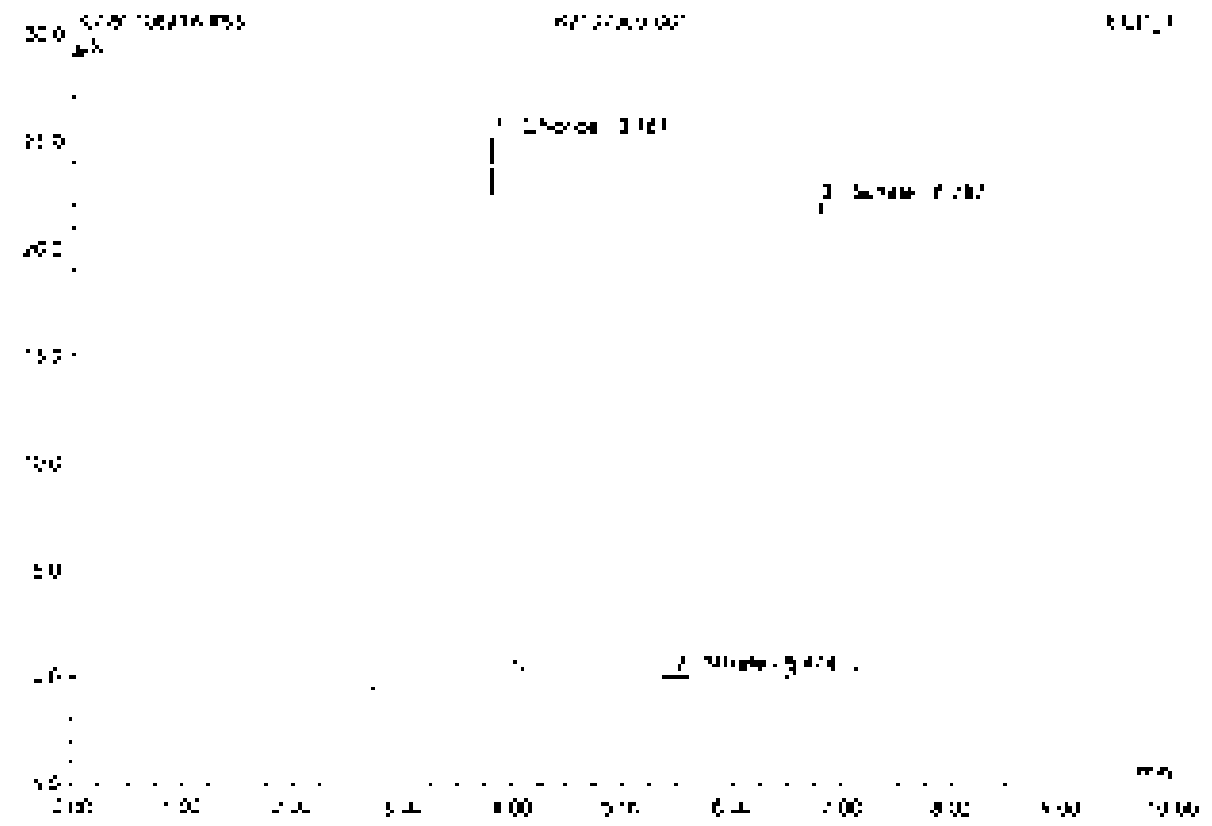
Sample Name	K2107120-004	Injection Volume	25.0
Vial Number	36	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Source Program	apa300	Bandwidth	n.a.
Source Method	apa300	Dilution Factor	20.0000
Recording Time	7/9/2021 4:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chloride	2.705	0.253	3.53	29.196	BMB
2	4.98	Bromide	0.021	0.006	0.08	1.589	BMB
3	6.04	n.a.	0.061	0.014	0.21	n.a.	BMB
4	6.77	Sulfate	29.725	6.597	96.05	1357.355	BMB
Total:			32.513	6.870	100.00	1412.139	

53 K2107909-001

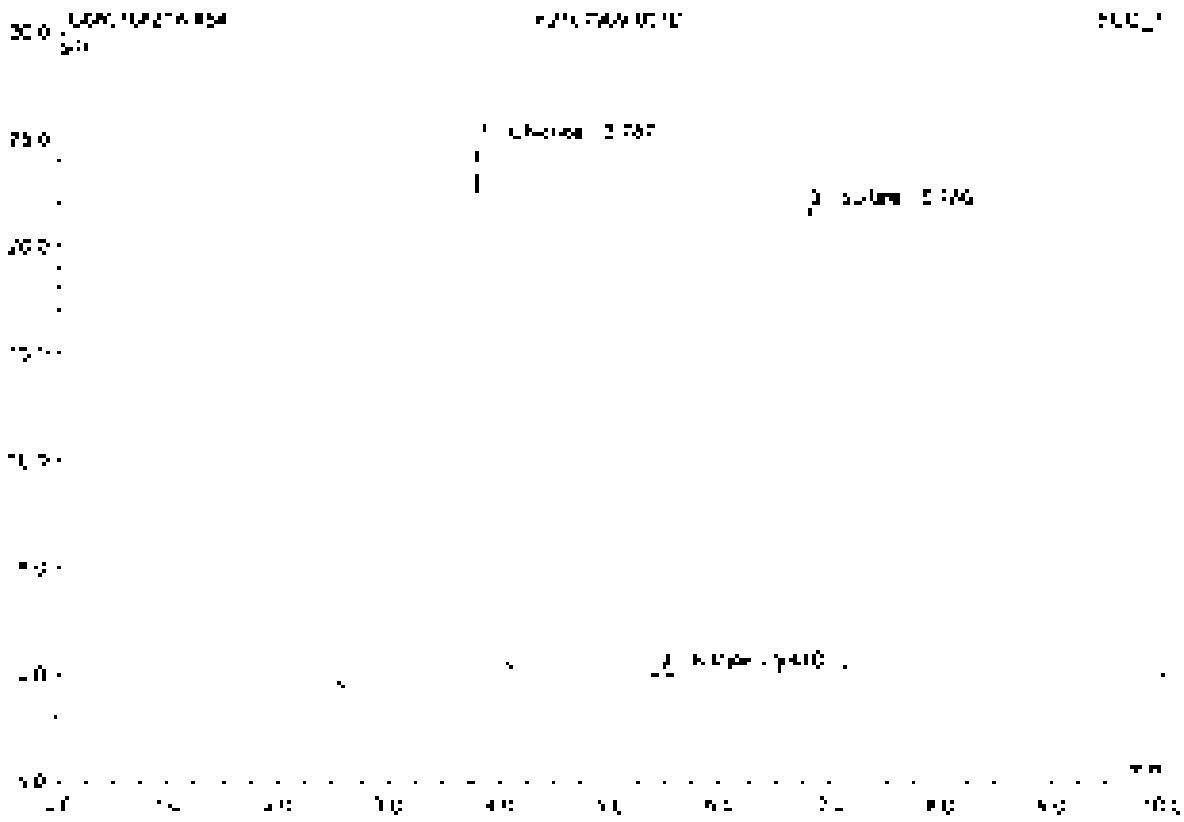
Sample Name	K2107909-001	Injection Volume	25.0
Vial Number	37	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	7/9/2021 4:29	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	25.357	2.841	38.51	32.819	BMB
2	5.67	Nitrate	0.130	0.021	0.28	0.099	BMB
3	6.79	Sulfate	21.850	4.515	61.21	73.320	BMB
Total:			47.338	7.378	100.00	106.236	

54 K2107909-001D

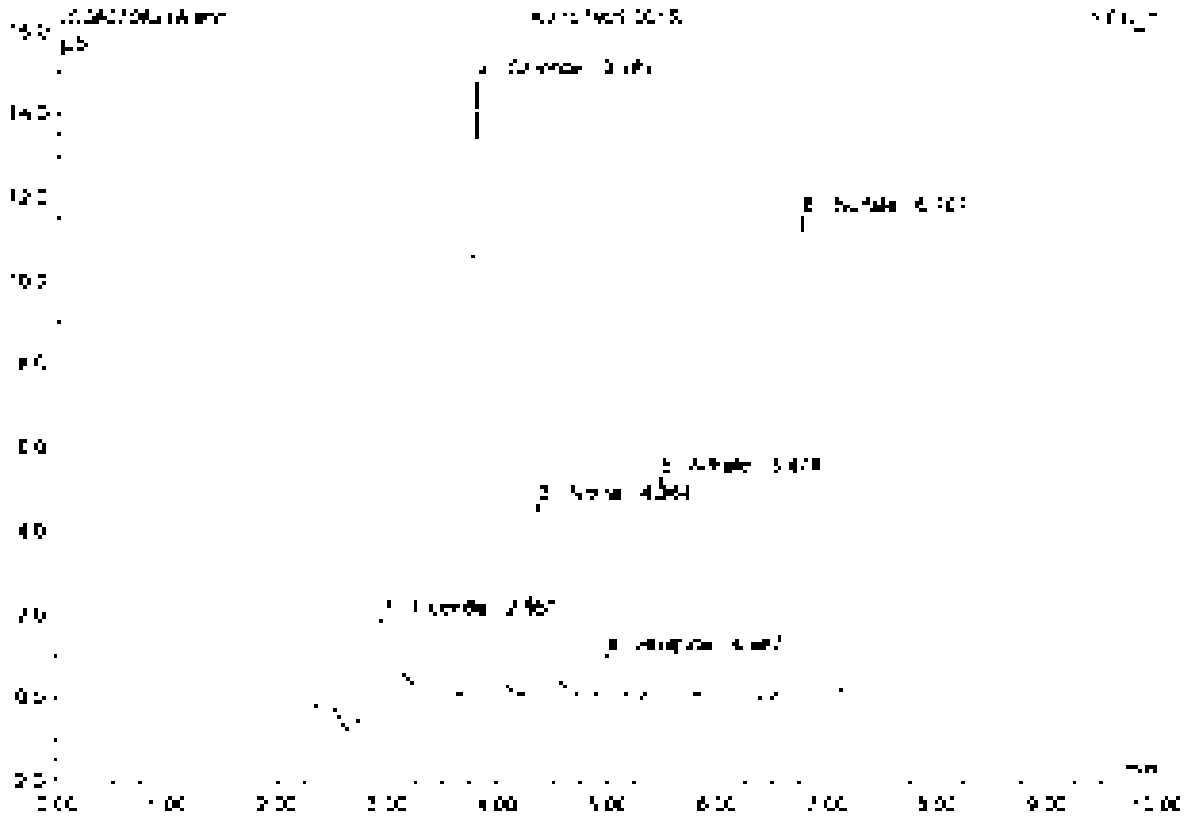
Sample Name	K2107909-001D	Injection Volume	25.0
Vial Number	38	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/9/2021 4:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.79	Chloride	24.595	2.730	38.49	22.234	BMB
2	5.67	Nitrate	0.133	0.022	0.31	0.136	BMB
3	6.75	Sulfate	21.522	4.497	61.20	72.013	BMB
Total:			46.330	7.250	100.00	94.382	

55 K2107909-001S

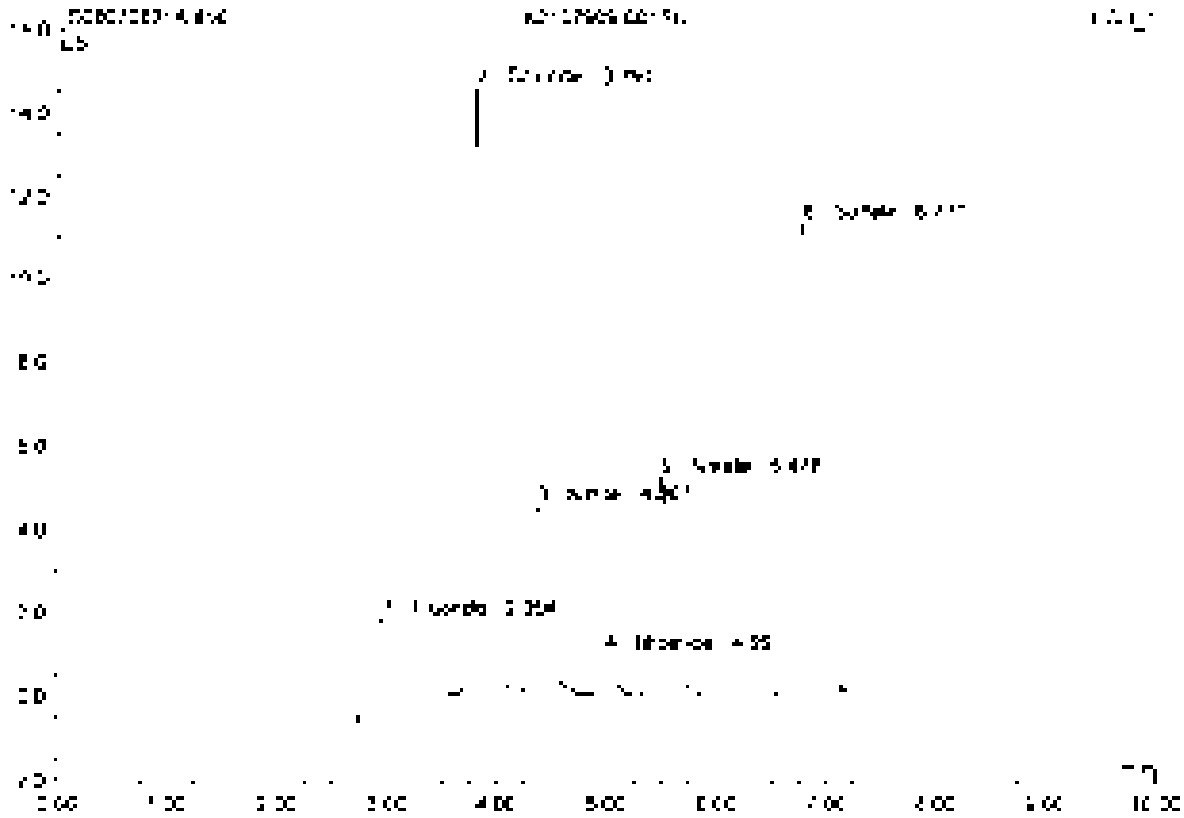
Sample Name	K2107909-001S	Injection Volume	25.0
Vial Number	39	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	4.0000
Recording Time	7/9/2021 4:43	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	2.040	0.638	9.90	10.530	BMB
2	3.79	Chloride	14.701	1.691	26.22	35.060	BMB
3	4.35	Nitrite	4.582	0.712	11.08	7.999	BMB
4	4.99	Bromide	0.984	0.143	2.22	8.035	BMB
5	5.47	Nitrate	5.287	0.860	13.35	8.178	BMB
6	6.33	Sulfate	31.451	2.382	37.08	77.342	BMB
Total:			59.354	6.473	100.00	150.164	

56 K2107909-001SD

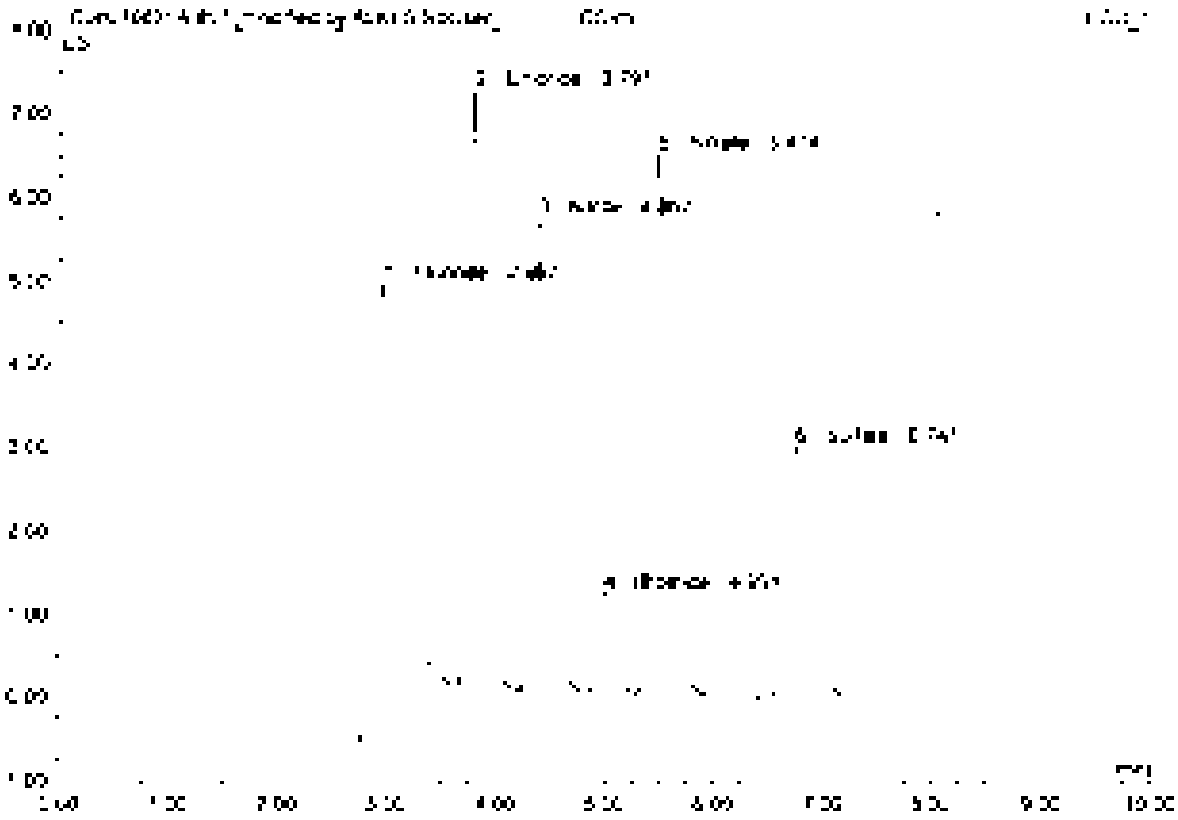
Sample Name	K2107909-001SD	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	4.0000
Recording Time	7/6/2021 4:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.95	Fluoride	2.297	0.629	9.94	10.017	BMB
2	3.79	Chloride	14.496	1.666	26.33	38.496	BMB
3	4.37	Nitrite	4.515	0.706	11.16	7.945	BMB
4	4.94	Bromide	0.974	0.141	2.22	1.928	BMB
5	5.48	Nitrate	5.236	0.852	13.46	8.096	BMB
6	6.77	Sulfate	11.265	2.334	36.89	25.202	BMB
Total:			38.759	6.328	100.00	148.278	

S7 CCV5

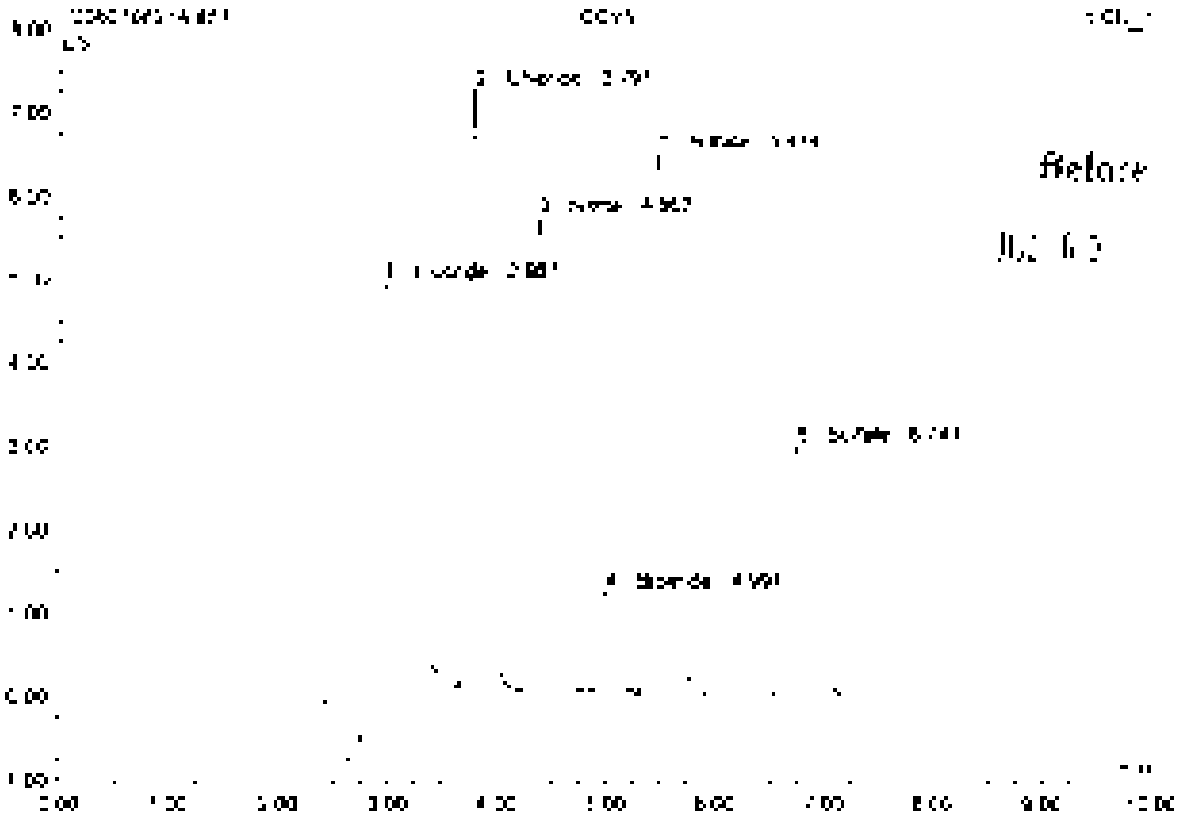
Sample Name	CCV5	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n/a
Control Program	epa300	Bandwidth	n/a
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	7/9/2021 5:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.95	Fluoride	5.371	[illegible]	25.89	4.960	BMB*
2	3.79	Chloride	7.136	0.834	17.33	4.915	BMB*
3	4.37	Nitrite	5.691	0.897	18.44	2.493	BMB
4	4.99	Bromide	1.205	0.172	3.59	2.434	BMB
5	5.47	Nitrate	6.477	1.045	21.73	2.485	BMB
6	5.74	Sulfate	2.987	0.627	13.02	5.087	BMB
Total:			28.814	4.811	100.00	22.373	

57 CCV5

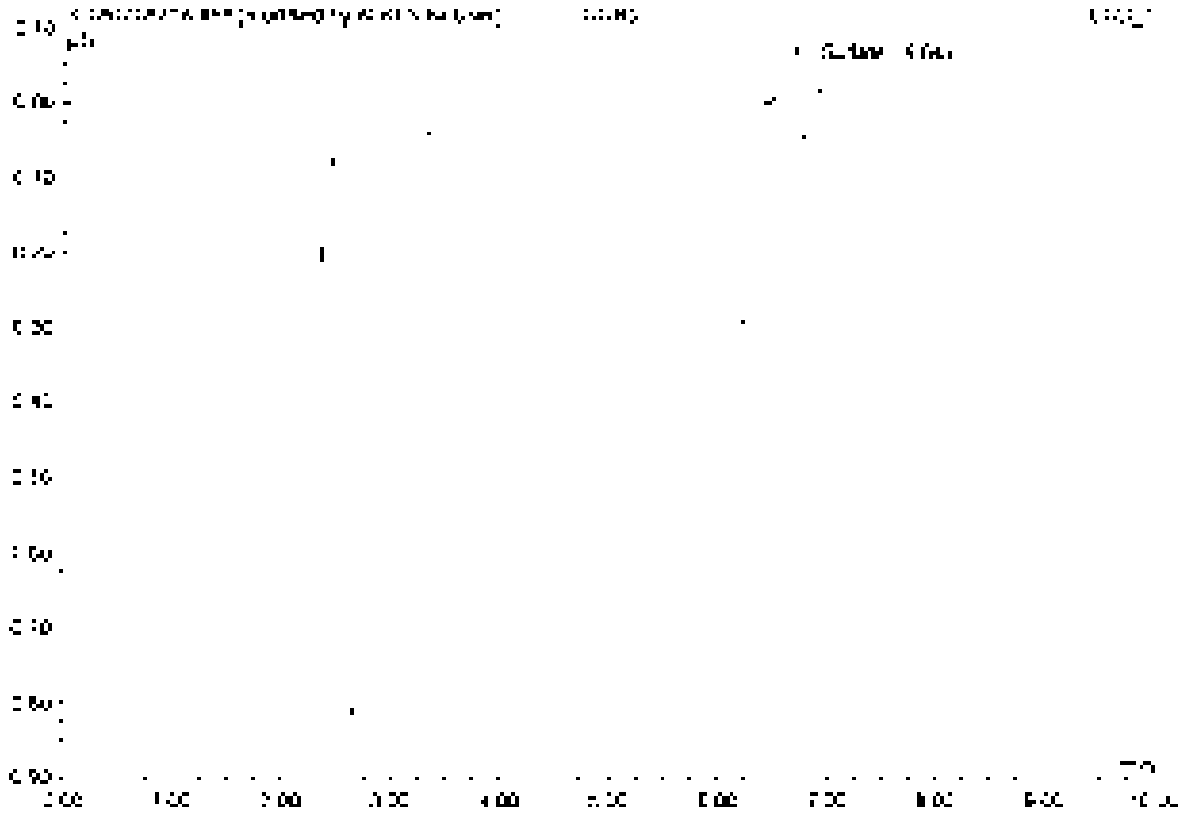
Sample Name	CCV5	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 3:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	5.356	1.205	26.82	5.147	Bmb
2	2.79	Chloride	7.136	0.834	17.12	4.815	bMB
3	4.91	Nitrite	5.091	0.887	18.21	2.453	BMB
4	4.93	Bromide	1.201	0.173	3.55	2.434	BMB
5	6.47	Nitrate	6.477	1.045	21.46	2.885	BMB
6	6.74	Sulfate	2.987	0.527	12.87	5.087	SMB
TOTAL:			28.948	4.870	100.00	22.511	

58 CCB5

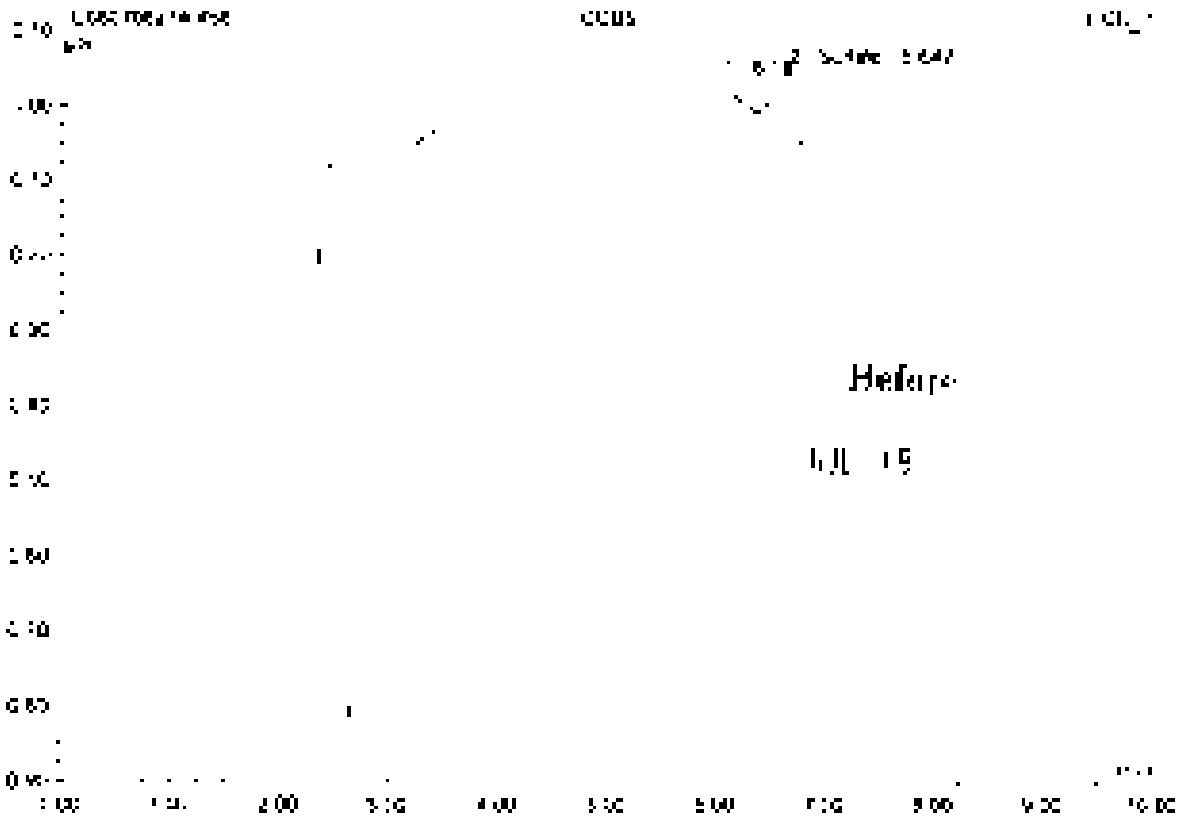
Sample Name	CCB5	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Sample cm	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 8:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	8.65	Surrogate	0.049	0.006	100.00	0.049	BMB*
Total:			0.049	0.006	100.00	0.049	

58 CCB5

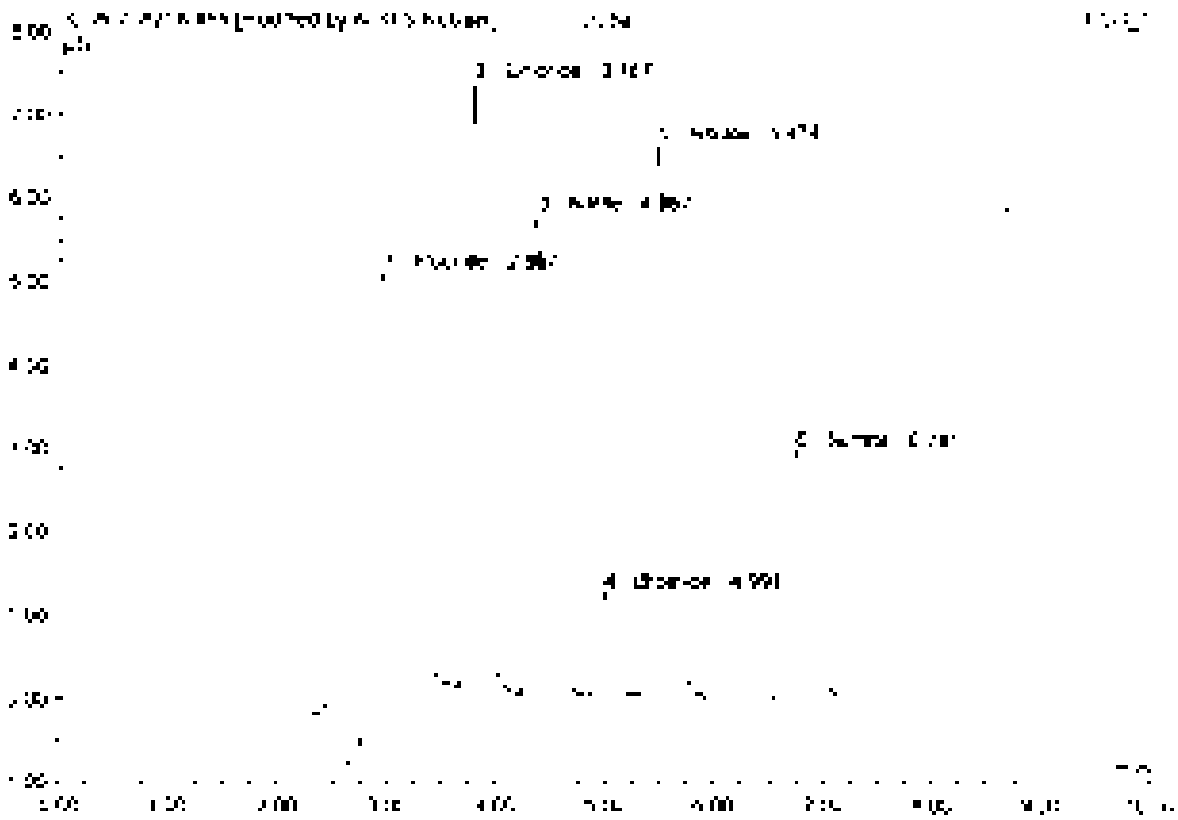
Sample Name	CCB5	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Column Polarity	spa300	Bandwidth	n.a.
Column Method	spa300	Dilution Factor	1.0000
Recording Time	7/9/2021 6:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	0.05	n.a.	0.159	1.358	98.84	n.a.	BMB
2	8.65	Sulfate	0.088	0.016	1.16	0.129	BVB
Total:			0.196	1.374	100.00	0.129	

59 LCS2

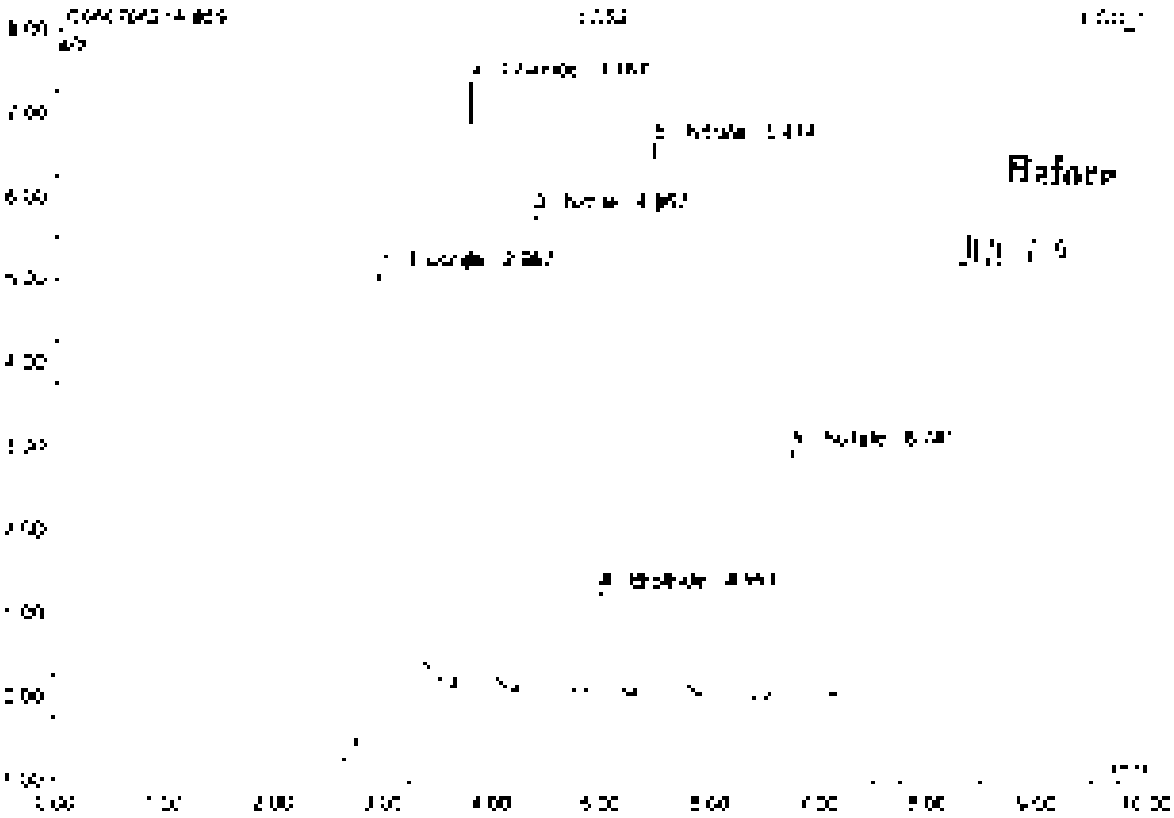
Sample Name	LCS2	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 3:30	Sample Weight	1.0000
Run Time (min.)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.86	Fluoride	5.476	1.272	26.03	5.083	BMB*
2	3.79	Chloride	7.257	0.851	17.41	4.913	BMB*
3	4.37	Nitrite	5.756	0.898	18.37	2.523	BMB
4	4.99	Bromide	1.230	0.177	3.62	2.492	BMB
5	5.47	Nitrate	5.607	1.067	21.84	2.537	BMB
6	6.74	Sulfate	2.964	0.622	12.73	5.342	BMB
Total:			28.300	4.886	100.00	22.576	

59 LCS2

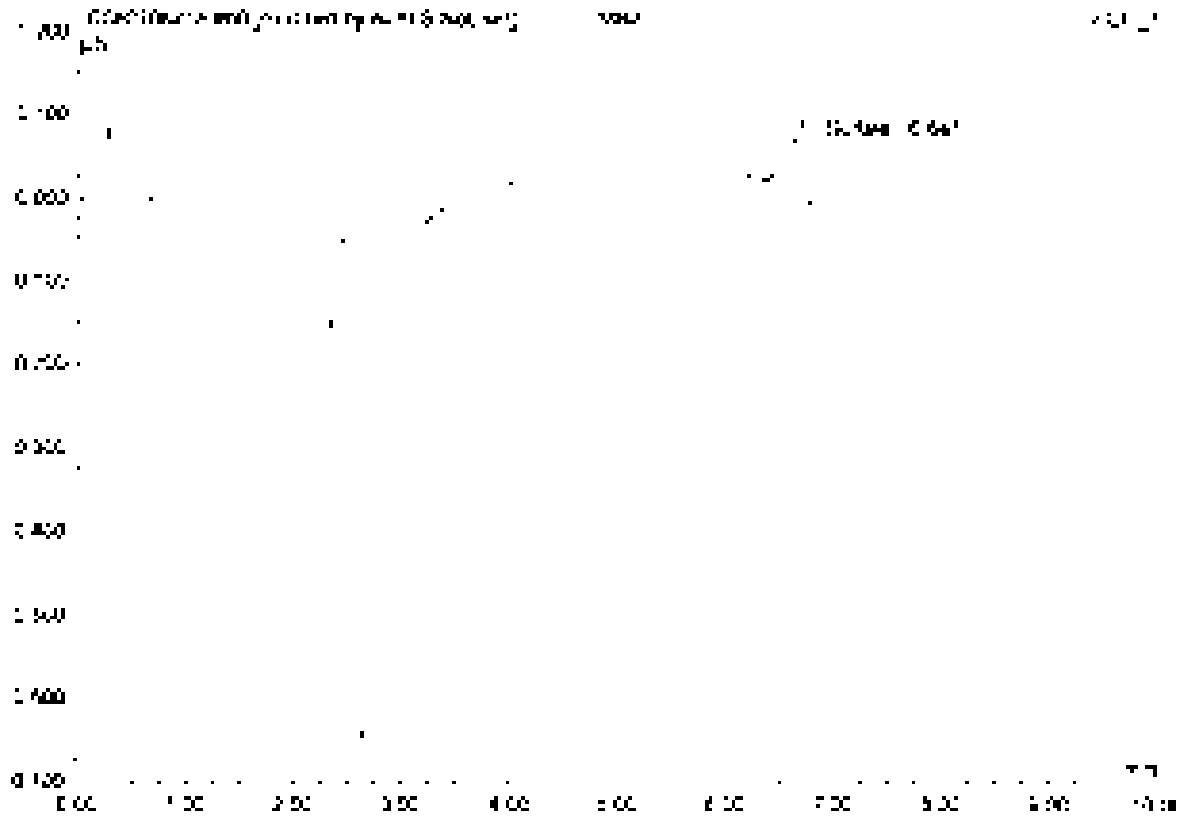
Sample Name	LCS2	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n/a
Control Program	epa300	Bandwidth	n/a
Operator Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 3:30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.56	Fluoride	5.523	1.349	27.18	5.371	BMB
2	3.79	Chloride	7.267	0.851	17.14	4.313	BMB
3	4.37	Nitrite	5.756	0.898	18.09	2.523	BMB
4	4.99	Bromide	1.230	0.177	3.56	2.492	BMB
5	5.47	Nitrate	6.607	1.067	21.50	2.537	BMB
6	6.74	Sulfate	2.964	0.622	12.53	5.048	BMB
Total:			29.347	4.963	100.00	22.284	

60 MB2

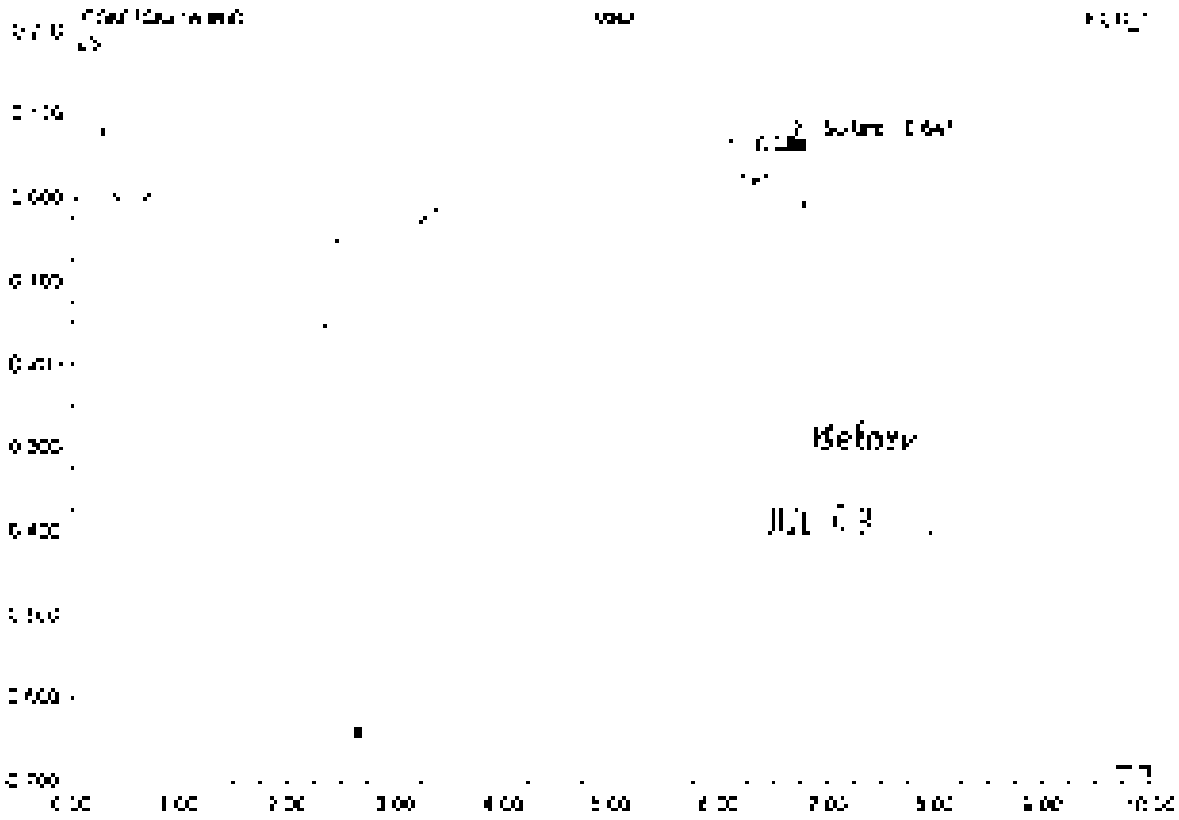
Sample Name	MB2	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 9:43	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.84	Solvent	0.045	0.007	100.00	0.054	BMB*
Total:			0.045	0.007	100.00	0.054	

60 MB2

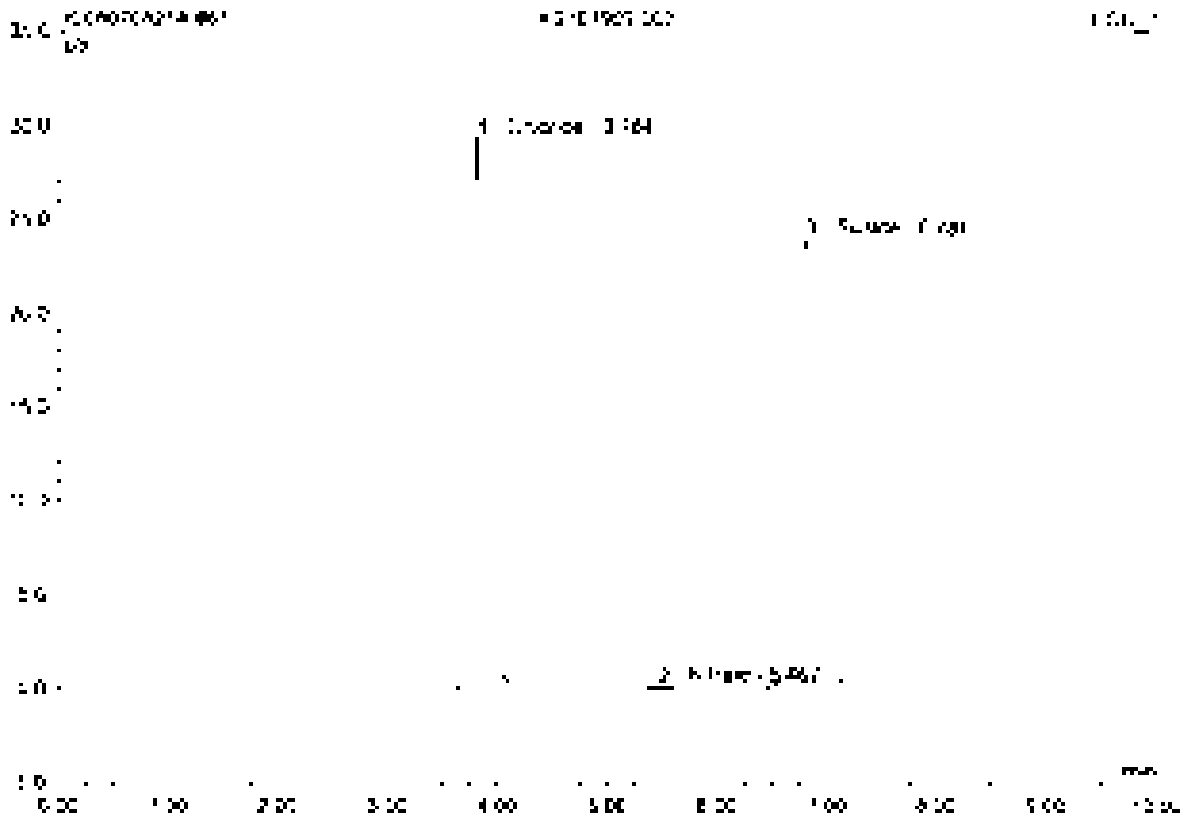
Sample Name	MB2	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 3:47	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.05	n.a.	0.081	7.091	98.75	n.a.	BMB
2	6.54	Solate	0.071	0.0[illegible]3	1.2[illegible]	0.[illegible]09	SMB
Total:			0.151	[illegible].05	100.00	0.[illegible]09	

61 K2107909-002

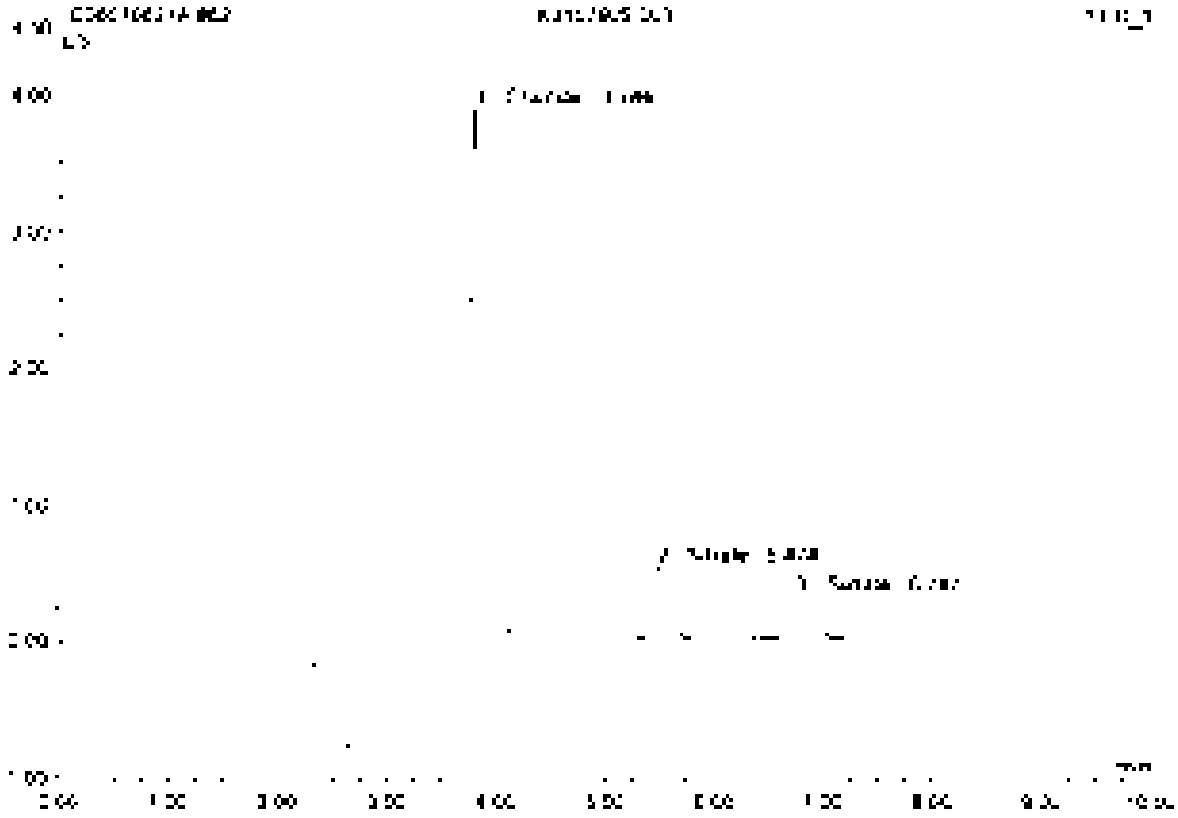
Sample Name	K2107909-002	Injection Volume	25.0
Vial Number	61	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quant. Method	spa300	Dilution Factor	2.0000
Recording Time	7/8/2021 5:54	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Rel Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.78	Chloride	39.178	3.273	39.96	37.810	BMD
2	5.47	Nitrate	0.140	0.024	0.30	0.116	BMD
3	6.78	Sulfate	22.755	4.894	59.74	79.467	BMD
Total:			53.083	8.192	100.00	117.393	

62 K2107909-003

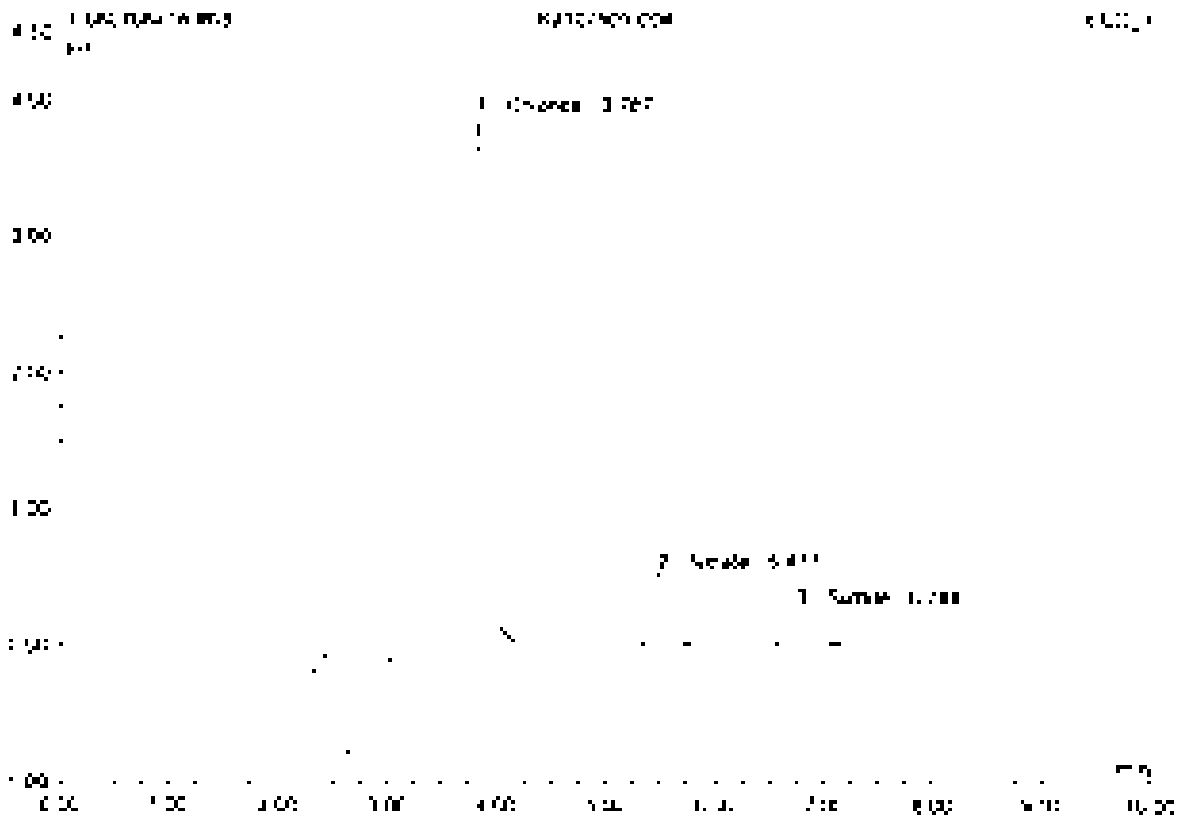
Sample Name	K2107909-003	Injection Volume	25.0
Vial Number	62	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/8/2021 4:05	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.78	Chloride	0.877	0.460	33.27	0.310	BMB
2	5.47	Nitrate	0.529	0.085	12.48	0.402	BMB
3	6.75	Sulfate	0.320	0.094	13.31	1.357	BMB
Total:			2.726	0.528	100.00	2.070	

63 K2107909-004

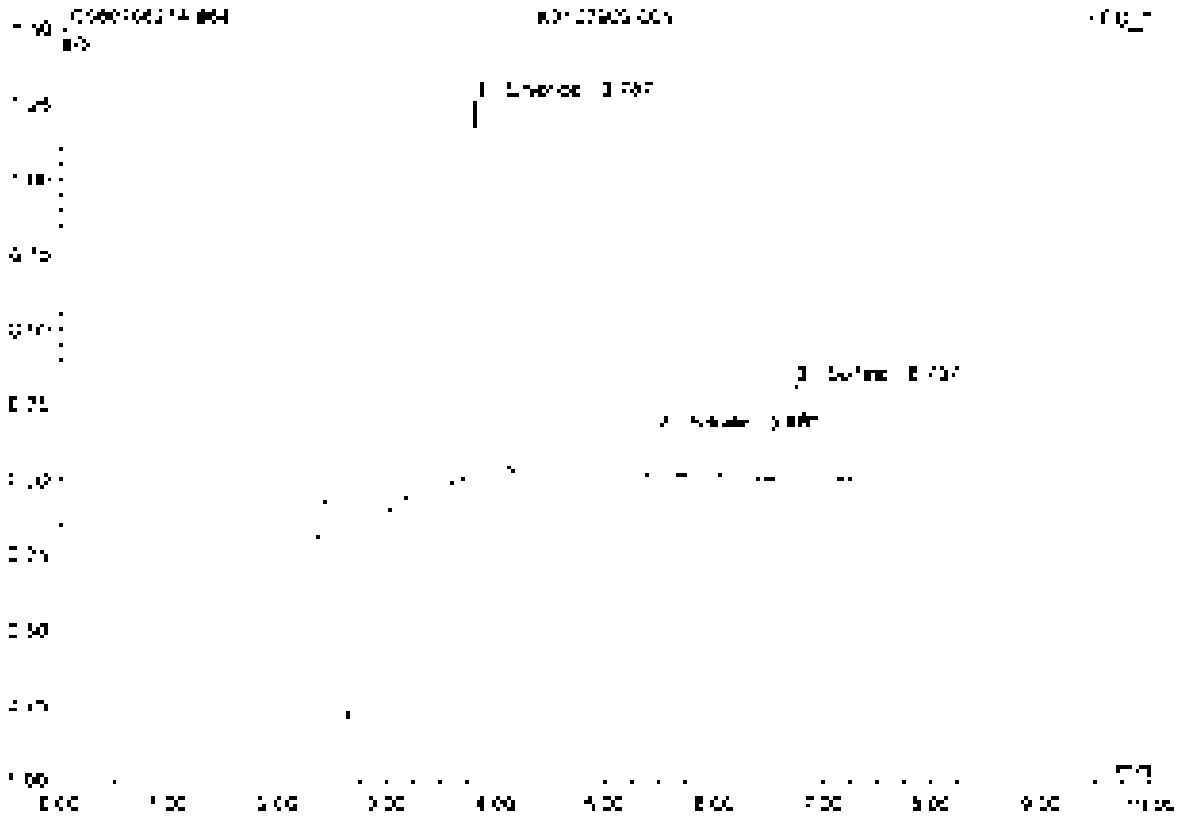
Sample Name	K2107909-004	Injection Volume	25.0
Vial Number	43	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	2.0000
Recording Time	7/8/2021 9:17	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	3.869	0.455	75.22	5.204	BV*B
2	5.48	Nitrate	0.507	0.086	14.03	0.897	BV*B
3	6.74	Sulfate	0.260	0.066	10.76	1.066	BM*B
Total:			4.665	0.610	100.00	6.777	

64 K2107909-005

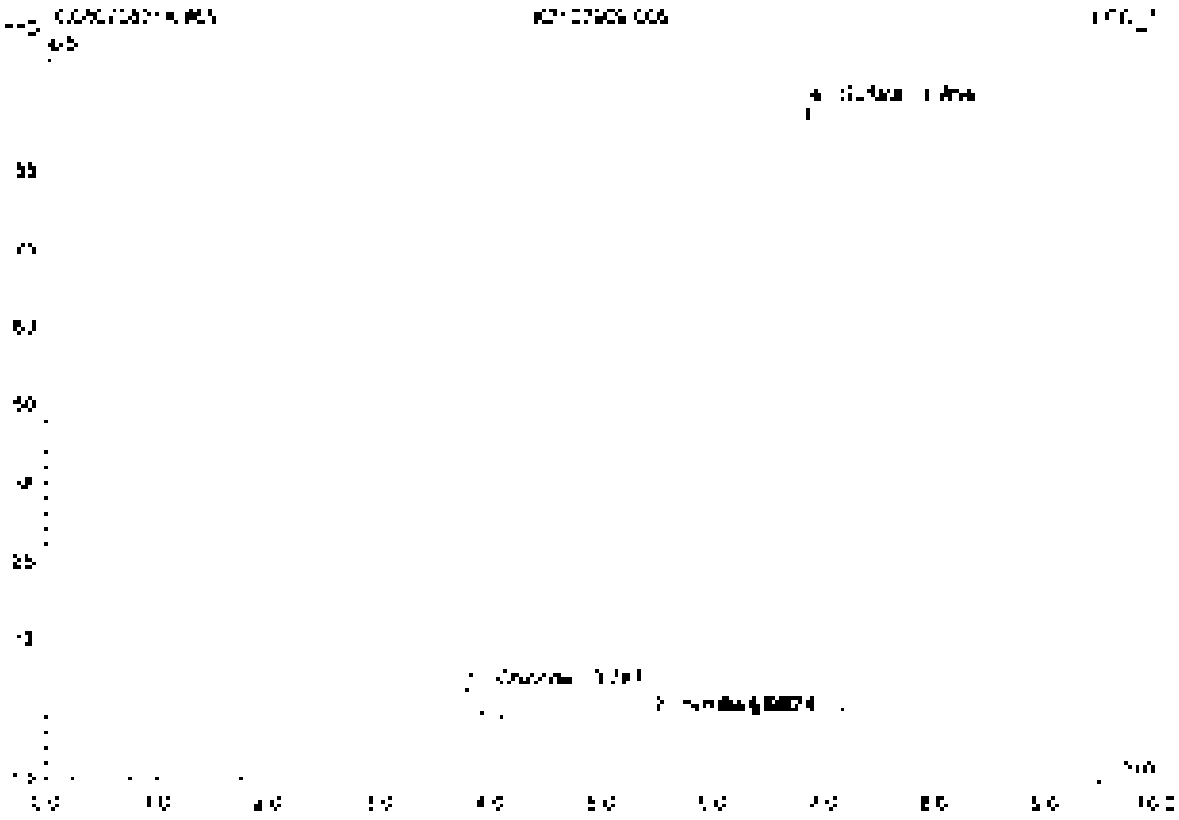
Sample Name	K2107909-005	Injection Volume	25.0
Vial Number	44	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	7/8/2021 4:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	1.255	0.151	59.82	1.784	BMB
2	5.45	Nitrate	0.149	0.023	9.19	0.110	BMB
3	6.74	Sulfate	0.315	0.078	30.99	1.219	BMB
Total:			1.718	0.252	100.00	3.124	

65 K2107909-006

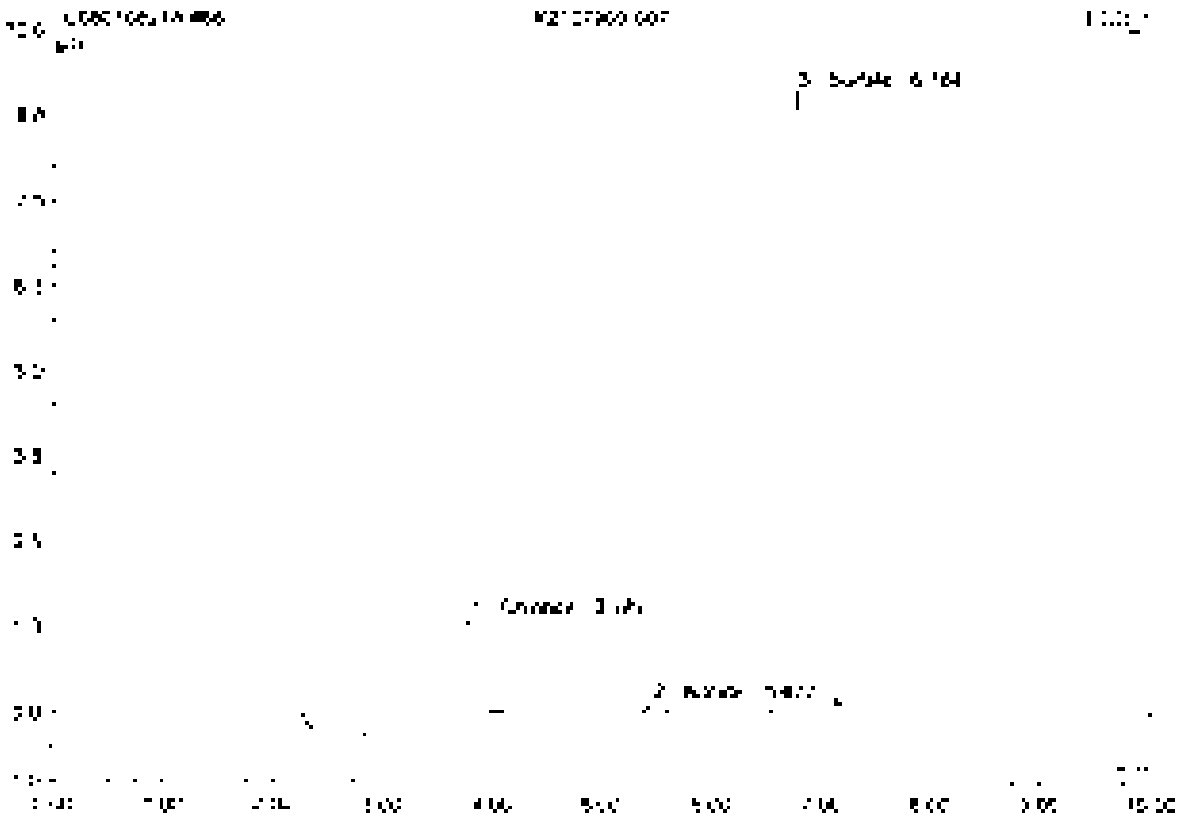
Sample Name	K2107909-006	Injection Volume	25.0
Vial Number	45	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Doctro Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Processing Time	7/5/2021 8:40	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	4.252	0.500	1.80	5.884	BMB
2	5.47	Nitrate	0.152	0.026	0.09	0.126	BMB
3	6.06	n.a.	0.101	0.016	0.06	n.a.	BMB
4	6.85	Sulfate	96.862	27.264	98.05	450.630	BMB
Total:			101.367	28.306	100.00	456.639	

66 K2107909-007

Sample Name	K2107909-007	Injection Volume	25.0
Vial Number	50	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Method Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	7/9/2021 6:52	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

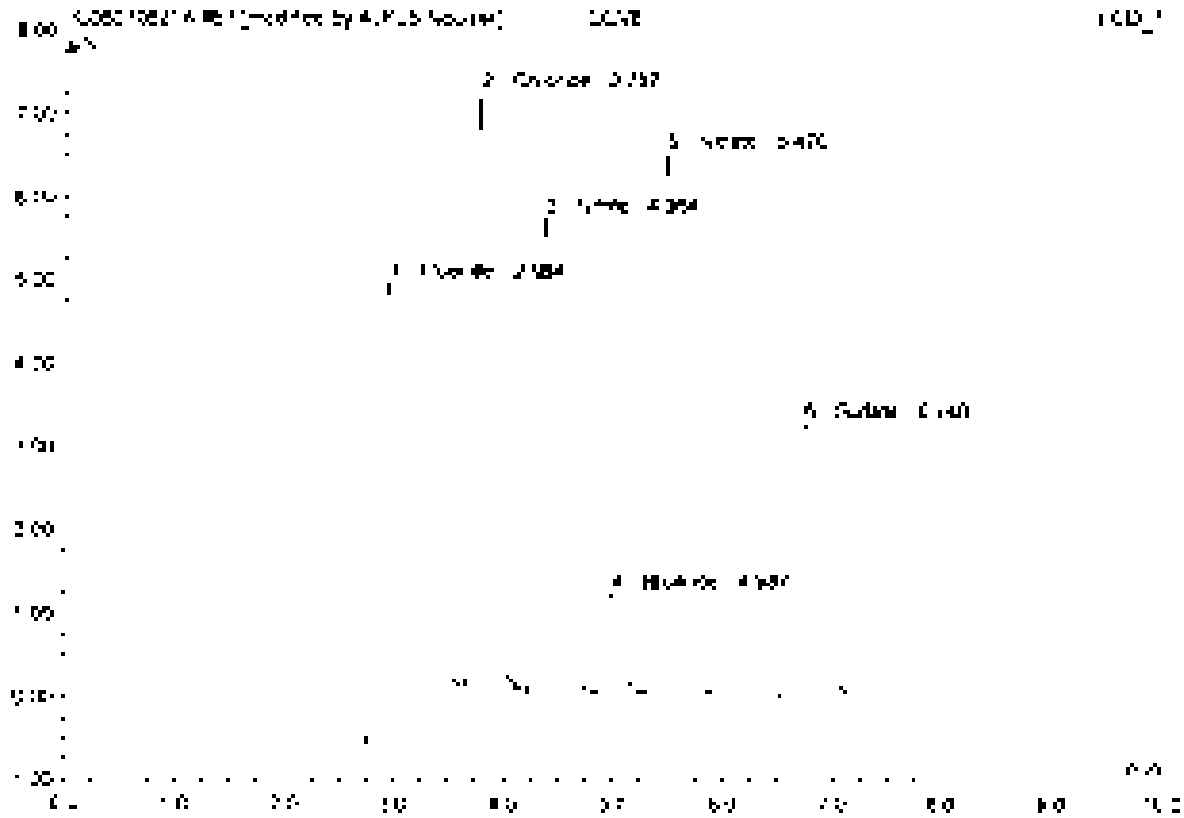


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	1.355	0.157	8.00	1.931	BMB
2	5.68	Nitrate	0.152	0.024	1.17	0.116	BMB
3	6.76	Sulfate	9.035	1.887	90.83	30.465	BMB
Total:			10.542	2.069	100.00	32.512	

67 CCV6

SO4 OUT

Sample Name	CCV6	Injection Volume	25.0
Vial Number	48	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Original Datagram	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 7:03	Sample Weight	1.0000
Run Time (min)	16.00	Sample Amount	1.0000

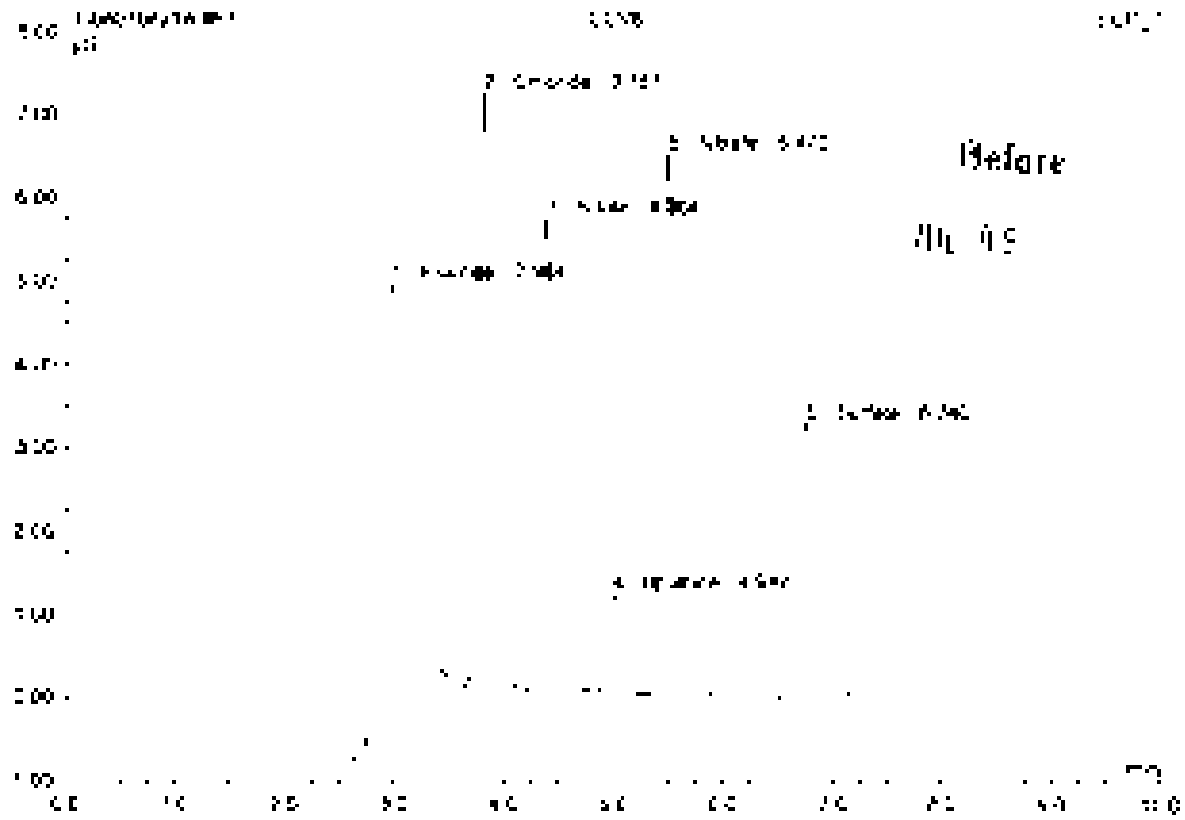


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.35	Fluoride	5.340	1.266	25.84	5.015	BMB*
2	3.79	Chloride	7.117	0.535	17.34	4.827	BMB*
3	4.38	Nitrite	5.707	0.560	18.17	2.561	BMB
4	4.96	Bromide	1.200	0.172	3.52	2.427	BMB
5	5.47	Nitrate	6.490	1.045	21.41	2.493	BMB
6	6.74	Sulfate	3.274	0.686	14.01	5.571	BMB
Total:			29.742	4.897	100.00	22.852	

87 CCV6

SO4 OUT

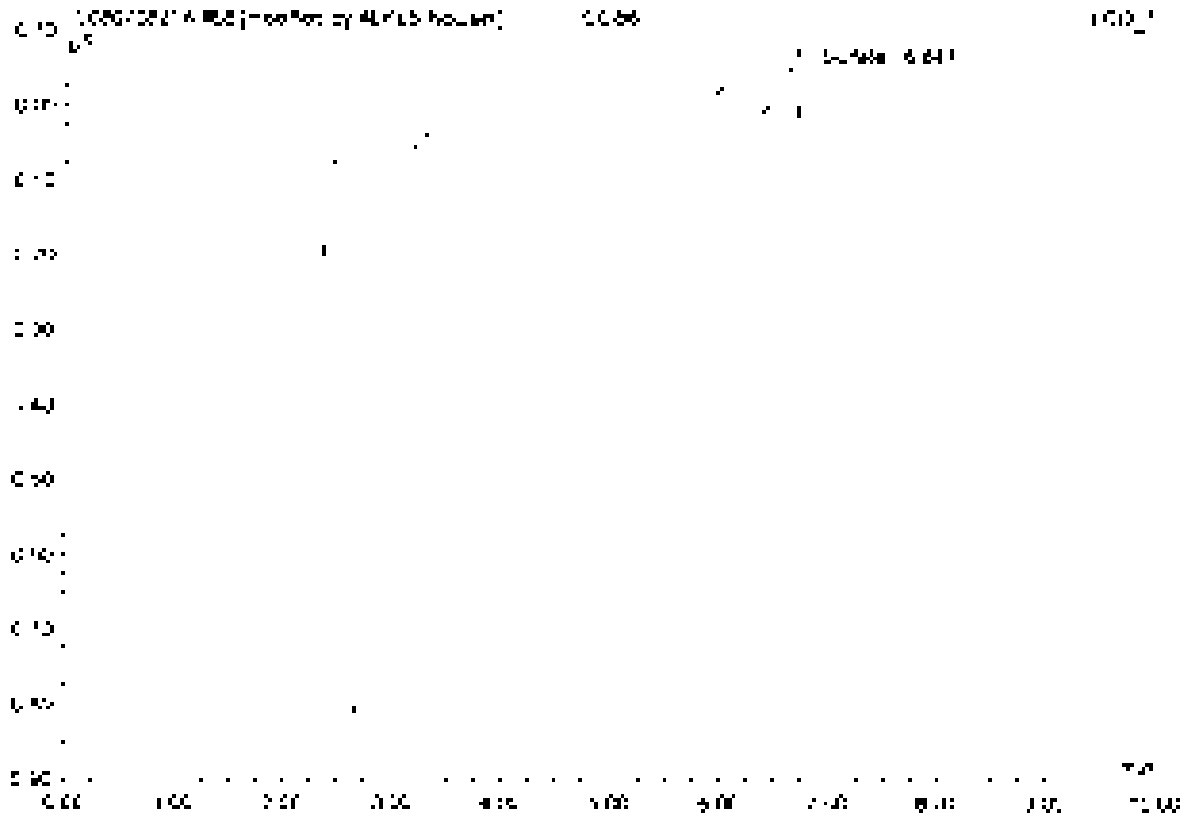
Sample Name	CCV6	Injection Volume	10.0
Vial Number	48	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 7:03	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.65	Fluoride	5.375	1.316	28.59	5.259	BMB
2	2.79	Chloride	7.131	0.835	18.87	4.821	BMB
3	4.30	Nitrite	5.701	0.550	11.90	2.501	BMB
4	4.66	Bromide	1.200	0.172	3.49	2.427	BMB
5	5.47	Nitrate	6.450	1.045	21.20	2.452	BMB
6	5.74	Sulfate	3.273	0.680	13.84	5.571	BMB
Total:			29.170	4.647	100.00	23.031	

68 CCB6

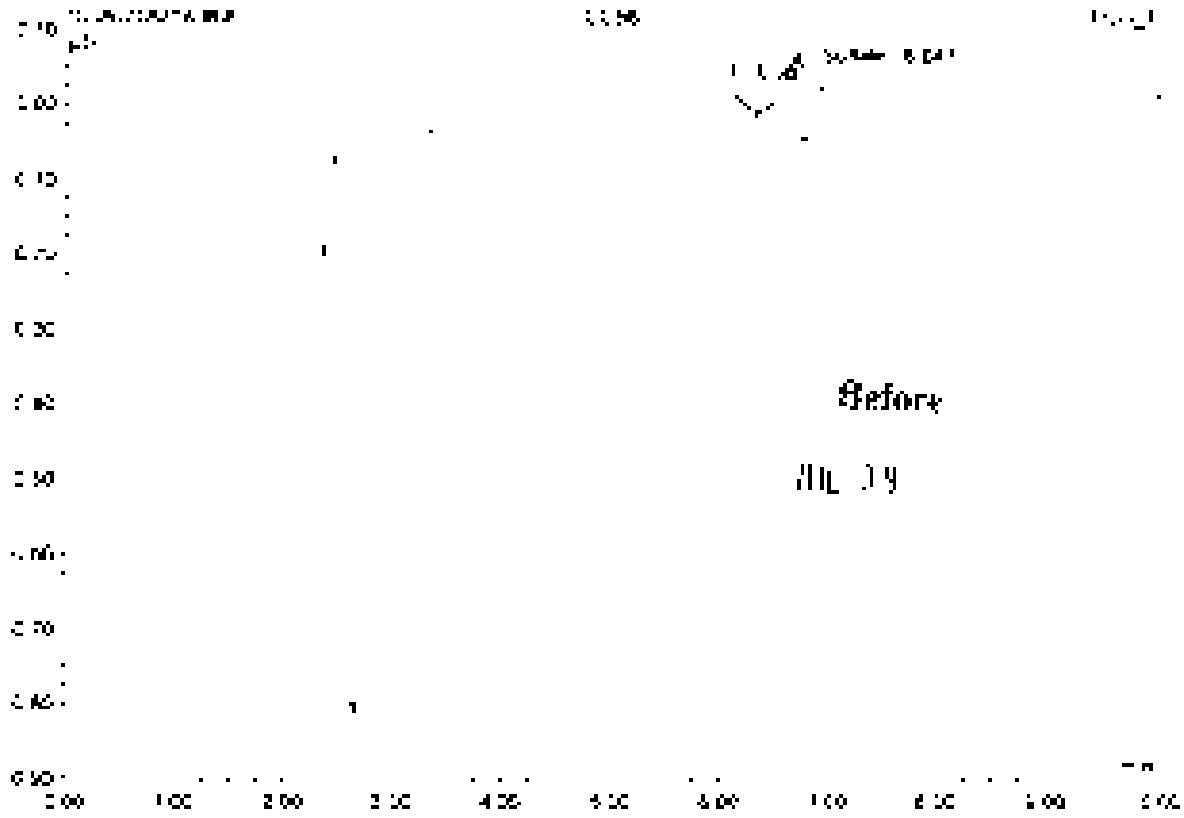
Sample Name	CCB6	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 7:16	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Sulfate	[illegible]	[illegible]	100.00	[illegible]	BMB*
Total:			[illegible]	[illegible]	100.00	[illegible]	

68 CCB6

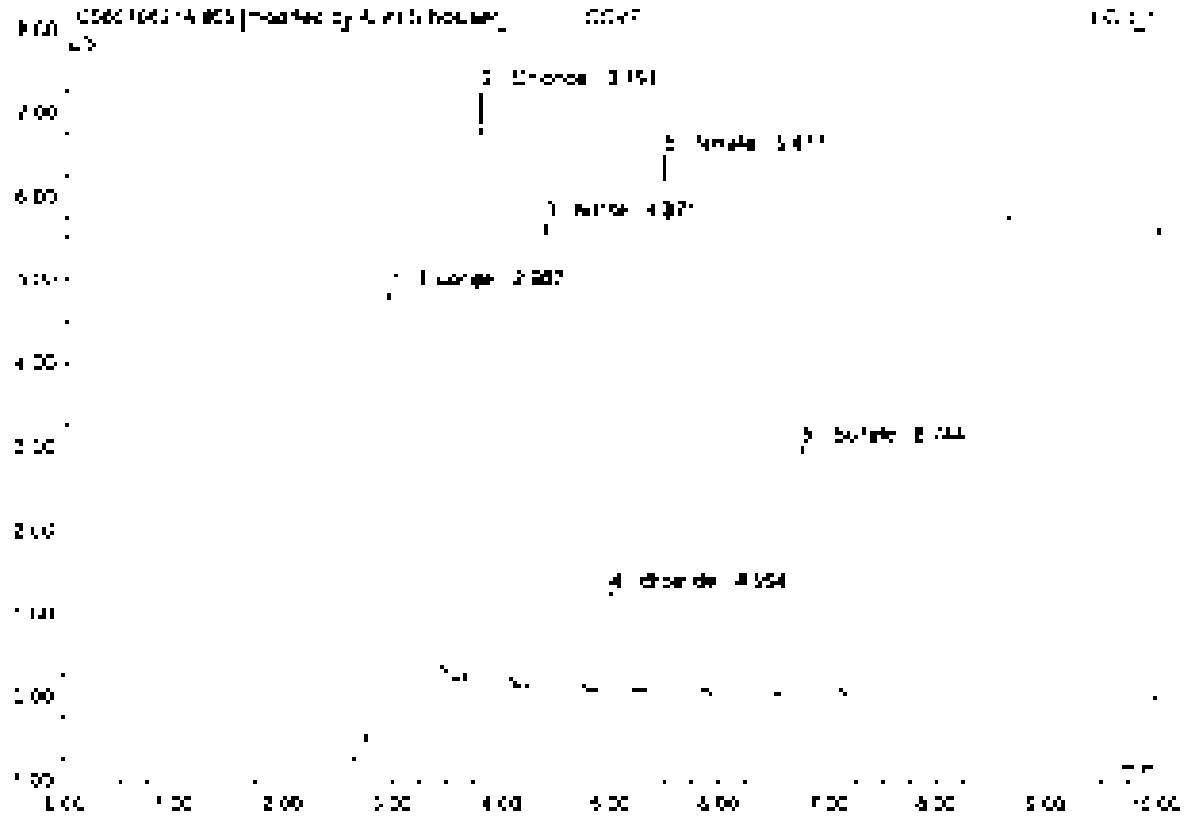
Sample Name	CCB6	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 7:46	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.25	n.a.	0.199	1.354	98.78	n.a.	BMB
2	6.65	Surfaces	0.024	0.017	1.22	0.136	BMB
Total:			0.199	1.371	100.00	0.136	

69 CCV7

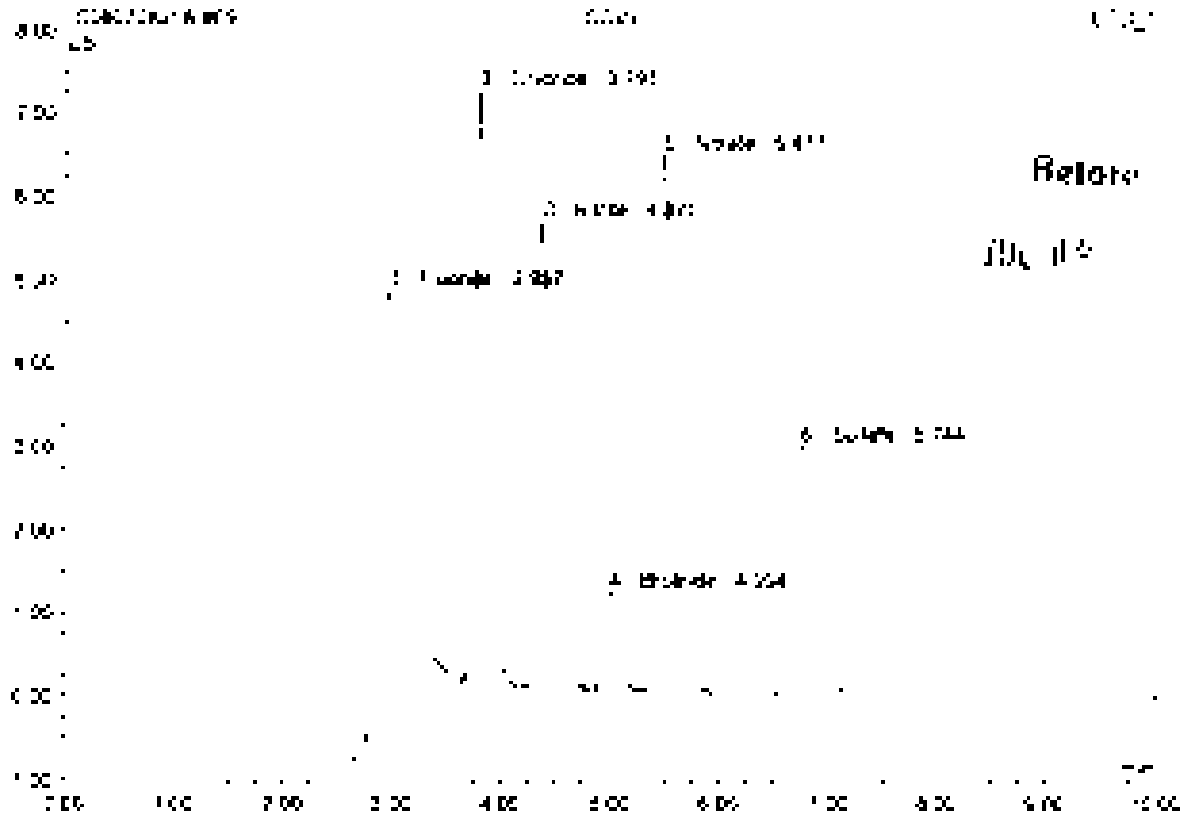
Sample Name	CCV7	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 9:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.96	Fluoride	5.241	1.265	26.10	5.032	BMB*
2	3.79	Chloride	7.104	0.837	17.30	4.836	BMB*
3	4.37	Nitrite	5.624	0.853	18.34	2.495	BVB
4	4.97	Bromide	1.194	0.172	3.55	2.423	BVB
5	5.48	Nitrate	6.450	1.046	21.61	2.487	BMB
6	6.74	Sulfate	2.934	0.630	13.02	5.107	BMB
Total:			29.600	4.841	100.00	22.475	

69 CCV7

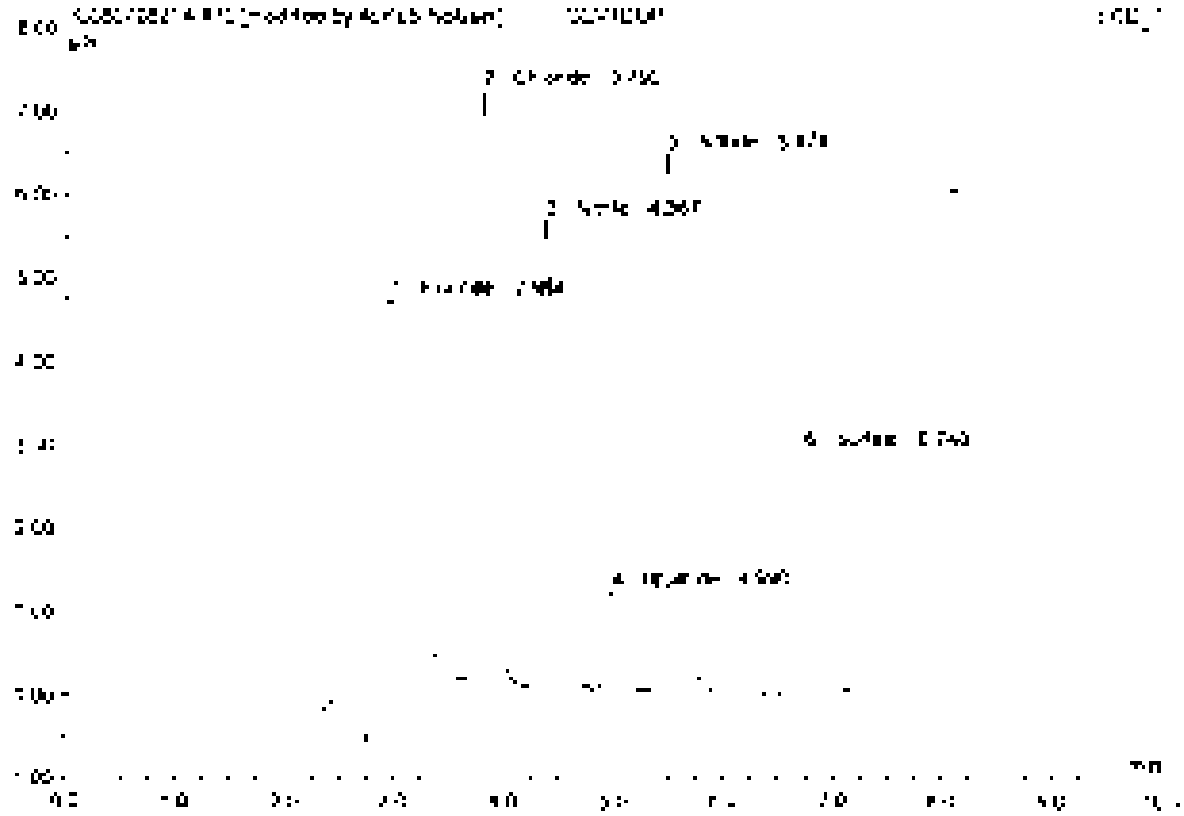
Sample Name	CCV7	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Calibration Factor	1.0000
Processing Time	7/9/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	5.267	1.311	26.83	5.222	BMB
2	3.79	Chloride	7.104	0.837	17.13	4.836	BMB
3	4.37	Nitrite	5.624	0.828	16.93	2.466	BMB
4	4.94	Bromide	1.798	0.172	3.52	2.425	BMB
5	5.48	Nitrate	6.453	1.046	21.40	2.487	BMB
6	6.74	Sulfate	2.484	0.633	12.95	6.137	BMB
Total			28.825	4.887	100.00	22.601	

70 CCV7DUP

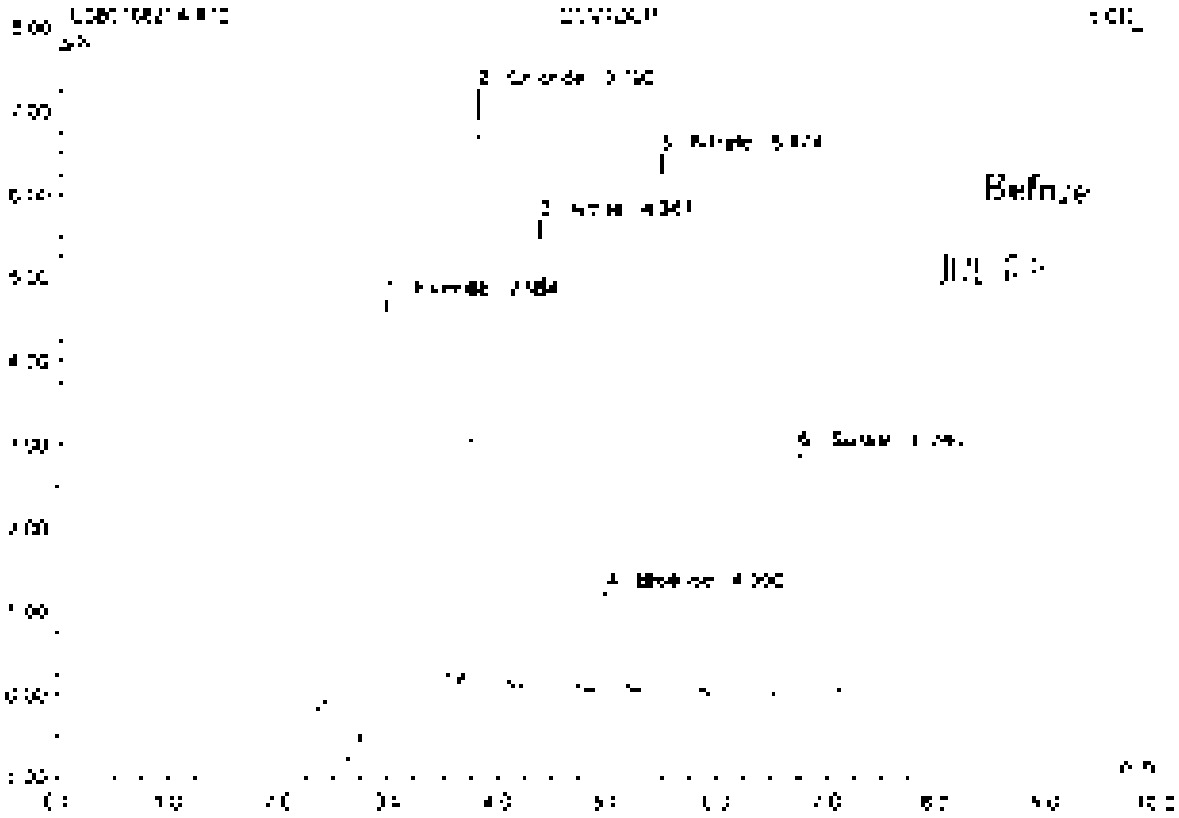
Sample Name	CCV7DUP	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Cutting Program	epa300	Bandwidth	n.a.
Separation Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 9:23	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	5.128	[illegible]	25.81	4.925	BMB*
2	3.79	Chloride	7.106	0.825	17.45	6.822	BMB*
3	4.37	Nitrite	5.630	0.850	18.55	2.447	PeVA
4	4.96	Bromide	[illegible]	0.172	3.60	2.429	BMB
5	5.47	Nitrate	5.462	[illegible]	21.85	2.425	BMB
6	6.78	Sulfate	2.905	[illegible]	12.74	4.957	BMB
Total:			28.426	[illegible]	100.00	22.124	

70 CCV7DUP

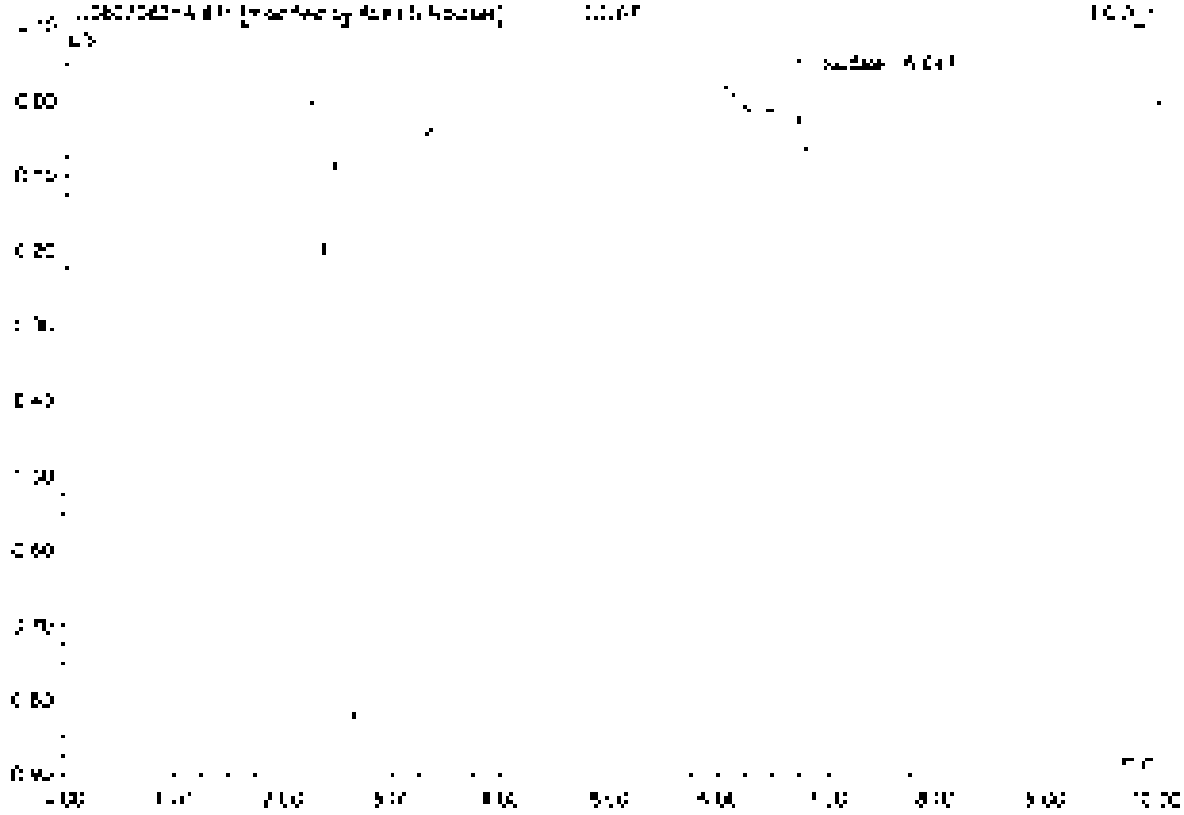
Sample Name	CCV7DUP	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 9:33	Sample Weight	1.0000
Run Time (min)	18.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	5.148	1.273	26.37	5.365	BMB
2	3.75	Chloride	7.106	0.836	17.32	4.928	BMB
3	4.37	Nitrite	5.620	0.886	18.41	2.457	BMB
4	4.96	Bromide	1.196	0.172	3.57	2.429	BMB
5	5.47	Nitrate	6.482	1.047	21.69	2.429	BMB
6	6.74	Sulfate	2.903	0.651	13.55	4.957	BMB
Total:			28.446	4.827	100.00	22.568	

71 CCB7

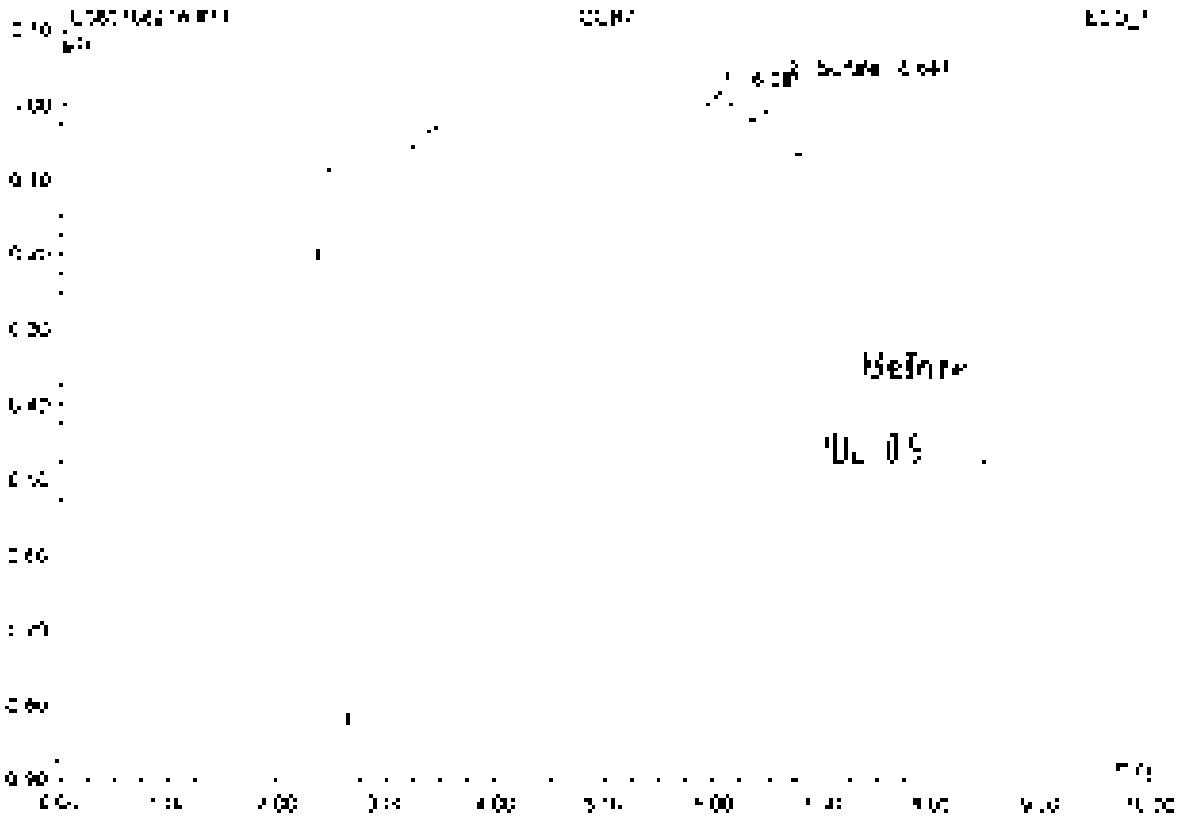
Sample Name	CCB7	Injection volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Calibrat. Factor	1.0000
Processing Time	7/6/2021 9:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.55	Surface	0.048	0.006	100.00	0.057	BMB'
Total:			0.048	0.006	100.00	0.057	

71 CCB7

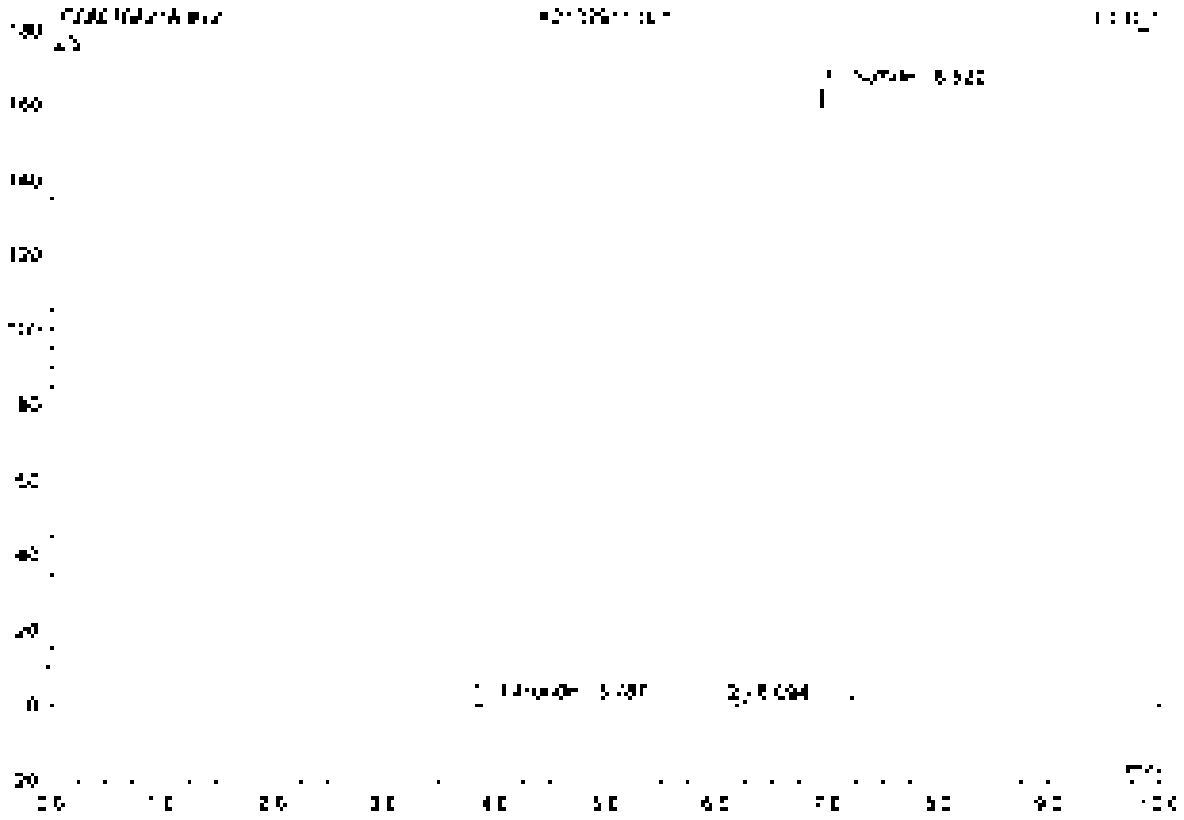
Sample Name	CCB7	Injection Volume	20.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Method Name	epa300	Bandwidth	n.a.
Saved Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 9:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.05	n.a.	0.099	1.352	92.79	n.a.	BMB
2	6.65	Sulfate	0.027	0.017	1.21	0.135	BMB
Total:			0.126	1.368	100.00	0.135	

72 K2107911-001

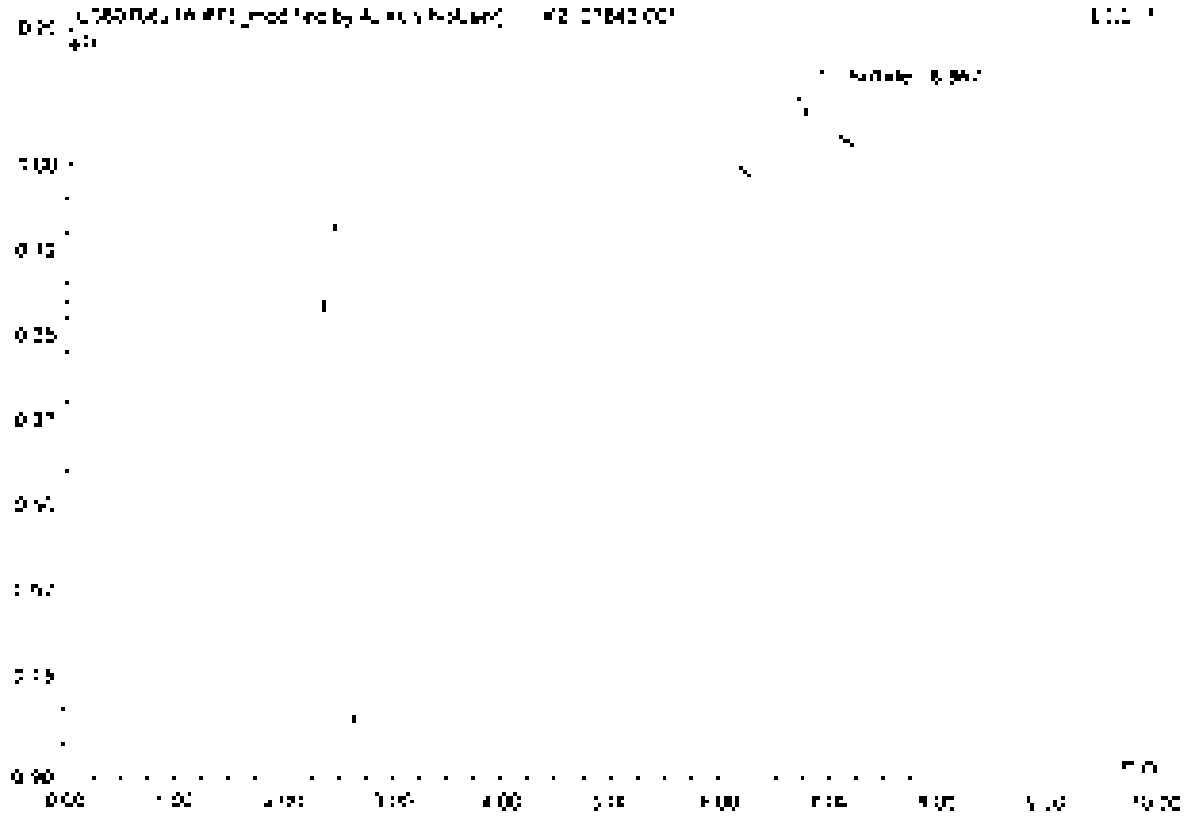
Sample Name	K2107911-001	Injection Volume	25.0
Vial Number	3	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	7/9/2021 9:46	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.72	Chloride	0.716	0.254	0.46	1.012	BMB
2	6.09	n.a.	0.132	0.016	0.03	n.a.	BV5
3	8.92	Sulfate	163.226	56.597	99.52	519.840	BV3
Total:			164.075	56.866	100.00	519.852	

73 K21078A3-001

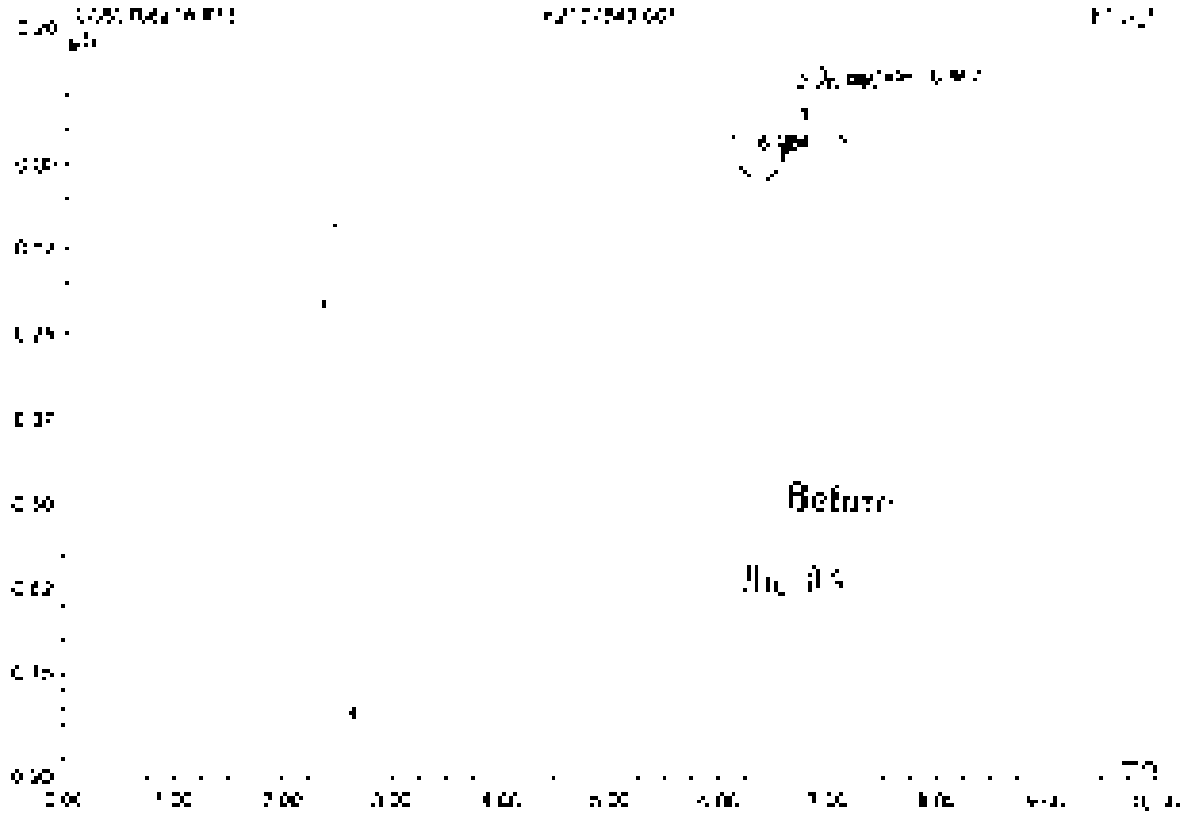
Sample Name	K21078A3-001	Injection Volume	35.0
Vial Number	4	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	2.0000
Recording Time	7/9/2021 9:55	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.87	S. lale	0.053	0.009	100.00	0.145	BV8*
Total: 1			0.053	0.009	100.00	0.145	

73 K2107843-001

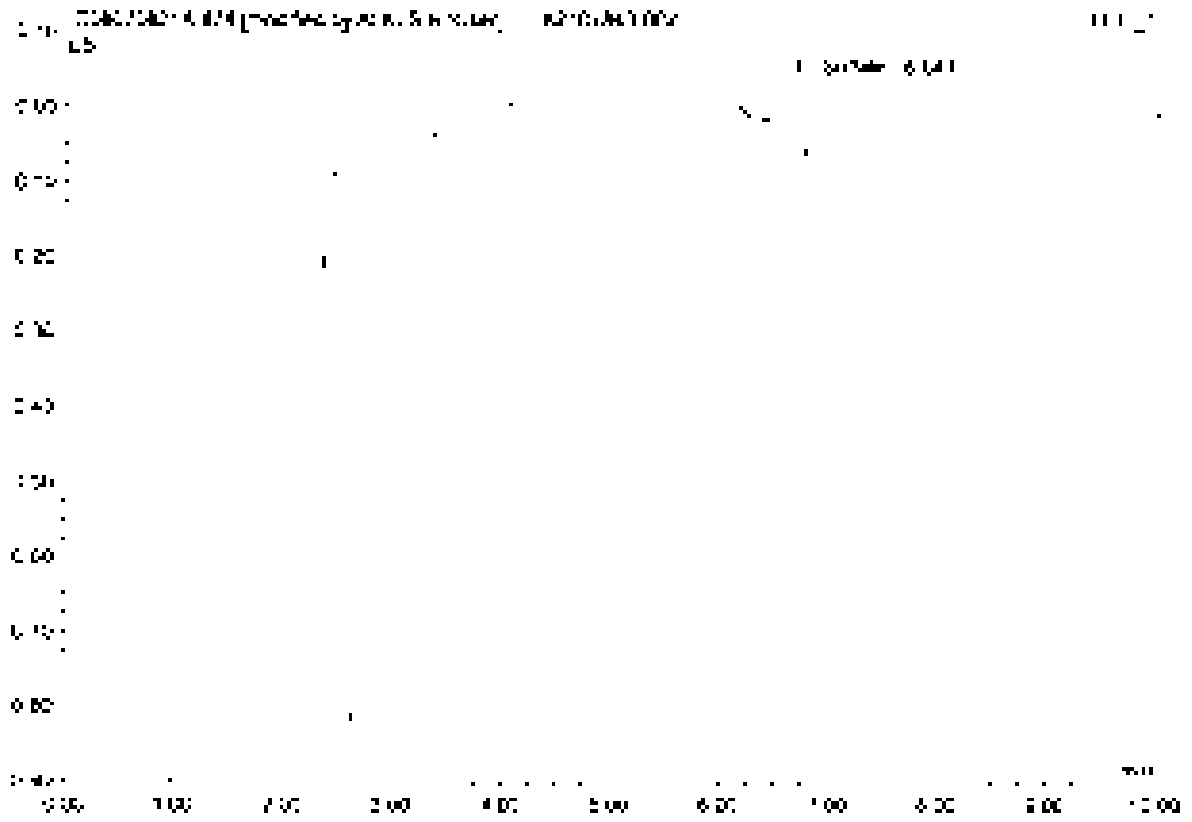
Sample Name	K2107843-001	Injection Volume	25.0
Vial Number	4	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Original Method	epa300	Dilution Factor	2.0000
Recording Time	7/9/2021 8:58	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.06	n.a.	0.119	1.085	92.92	n.a.	BV8
2	6.69	n.a.	0.057	0.005	0.43	n.a.	BMb
3	6.87	Surface	0.052	0.009	0.65	0.148	PMB
Total:			0.228	1.400	100.00	0.148	

74 K2107843.002

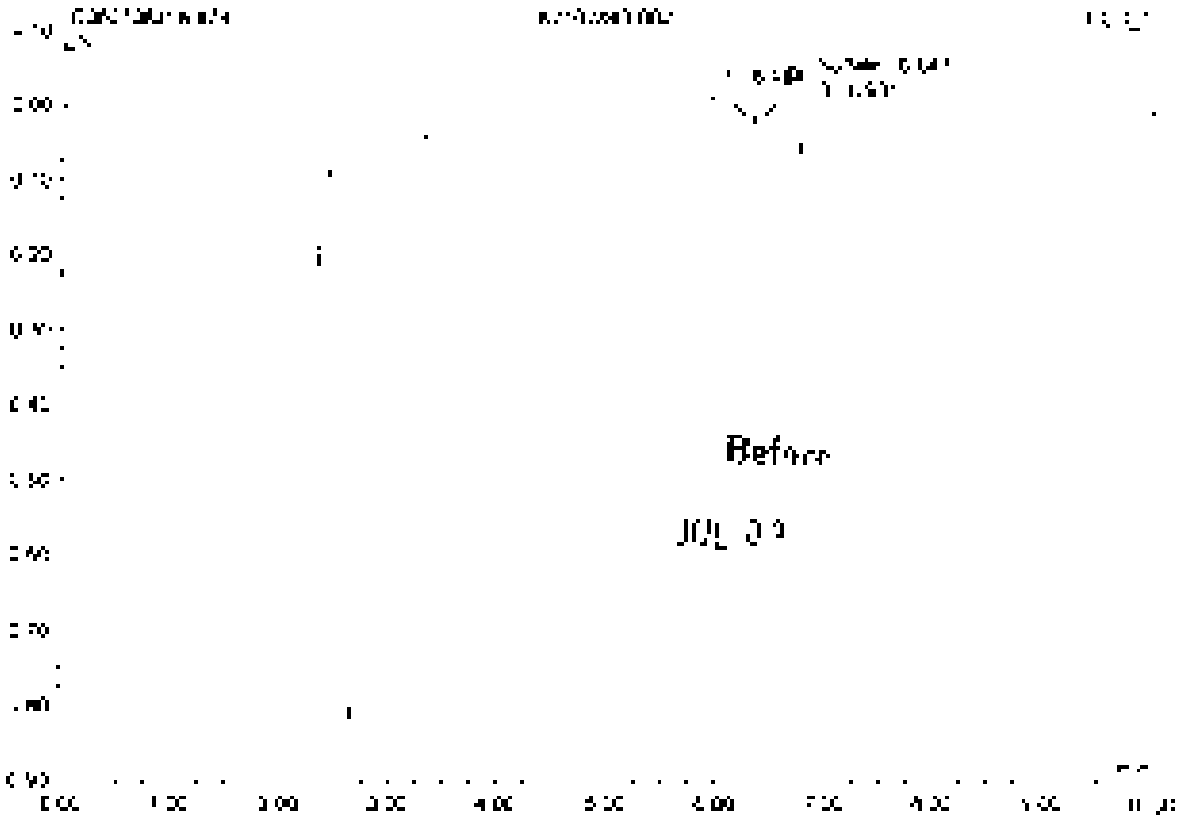
Sample Name	K2107843.002	Injection Volume	25.0
Vial Number	6	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Processing Time	7/6/2021 10:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	5.03	Surface	0.053	0.007	100.00	0.117	BMB*
Total:			0.053	0.007	100.00	0.117	

74 K2107843-002

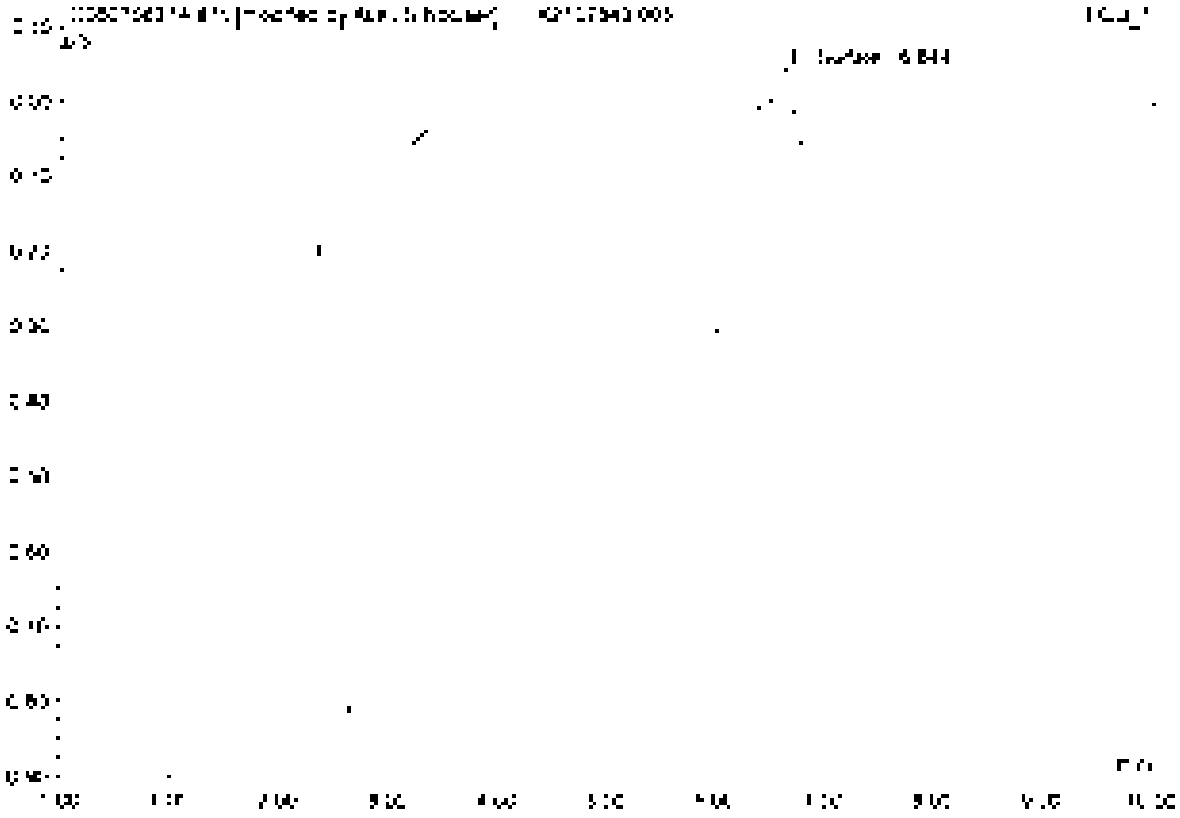
Sample Name	K2107843-002	Injection Volume	25.0
Vial Number	6	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Acquisition Time	7/9/2021 10:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.35	n.a.	0.126	[illegible]	93.67	n.a.	BMB
2	6.55	Sulfate	0.056	0.016	[illegible]	0.065	eMB
3	6.93	n.a.	0.062	0.076	5.21	n.a.	BMB
Total:			0.238	1.454	100.00	0.265	

T5 K2107843-003

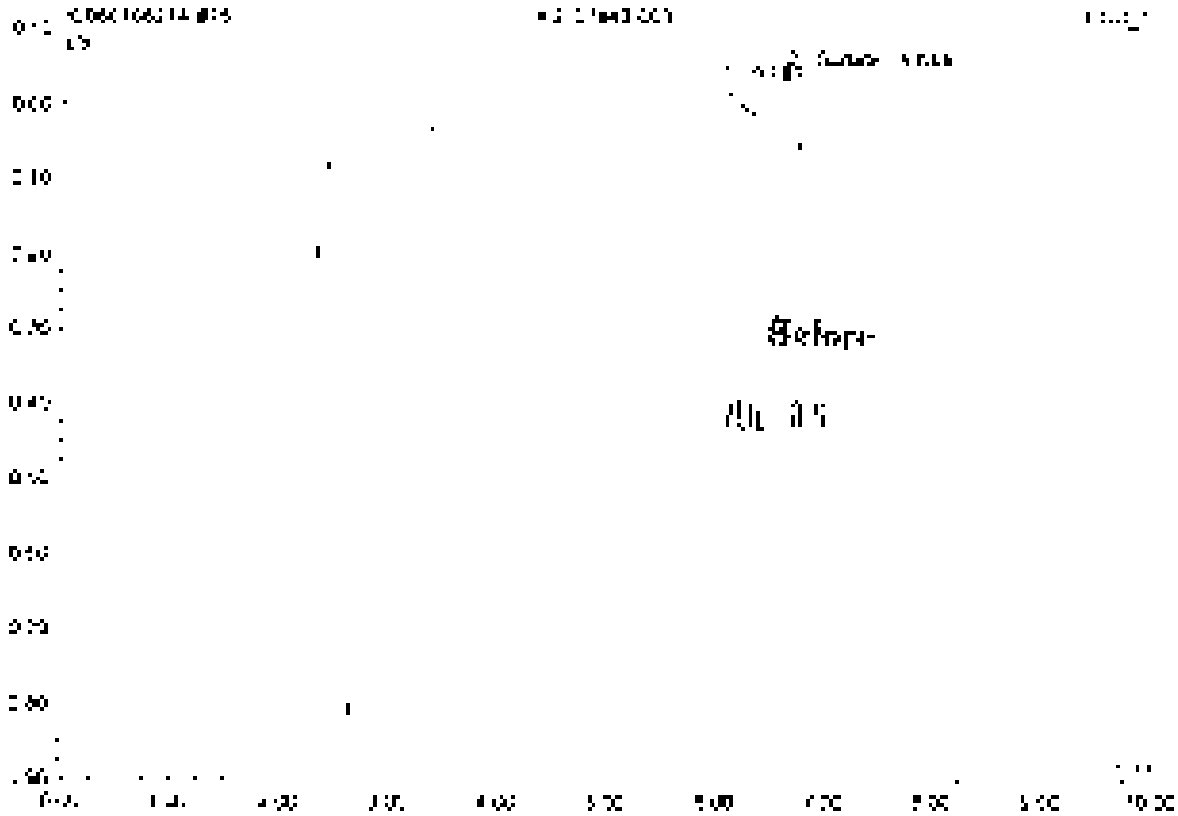
Sample Name	K2107843-003	Injection Volume	25.0
Vial Number	6	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Method Number	epa300	Dilution Factor	2.0000
Recording Time	7/8/2021 10:22	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	[illegible]	[illegible]	[illegible]	100.00	[illegible]	BV*BP
Total:			[illegible]	[illegible]	100.00	[illegible]	

75 K2107843-003

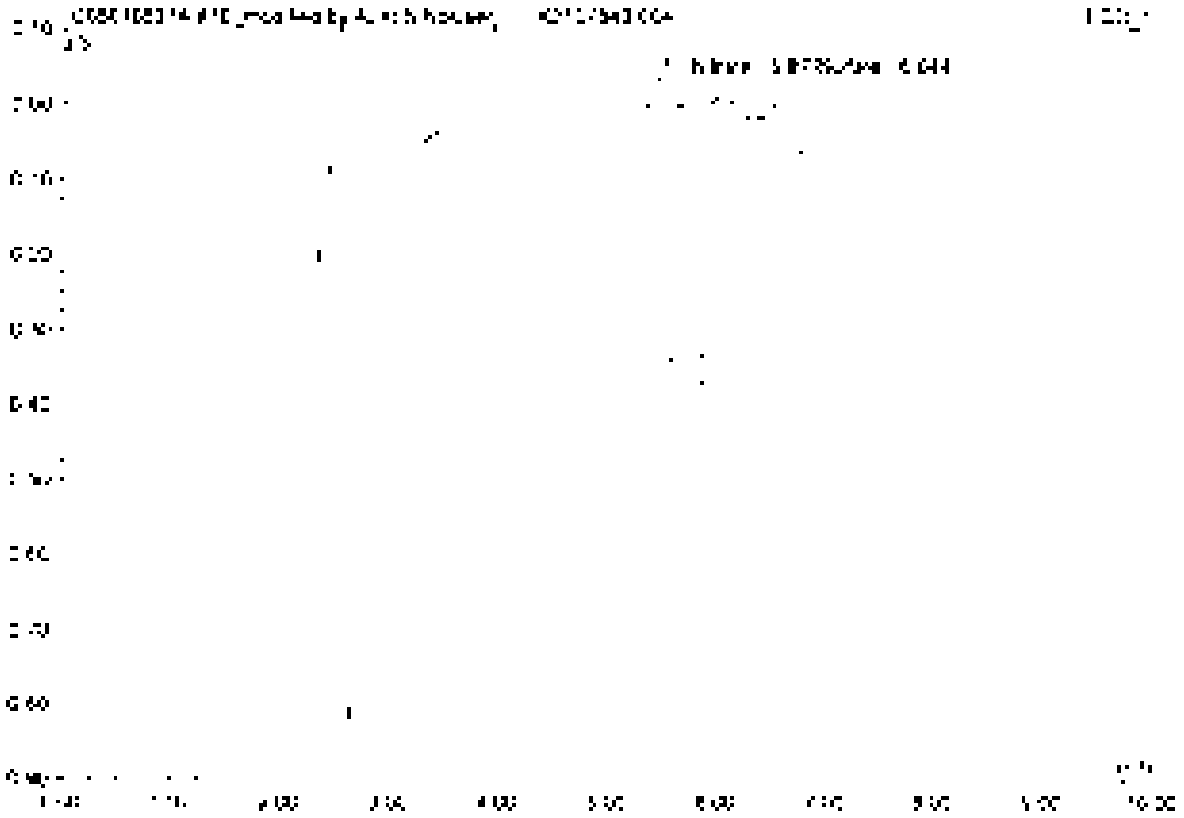
Sample Name	K2107843-003	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/9/2021 15:22	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.05	n.a.	0.101	1.351	98.78	n.a.	BMB
2	6.64	Sulfate	0.009	0.017	1.22	0.271	BMB
Total:			0.110	1.367	100.00	0.271	

76 K2107843-004

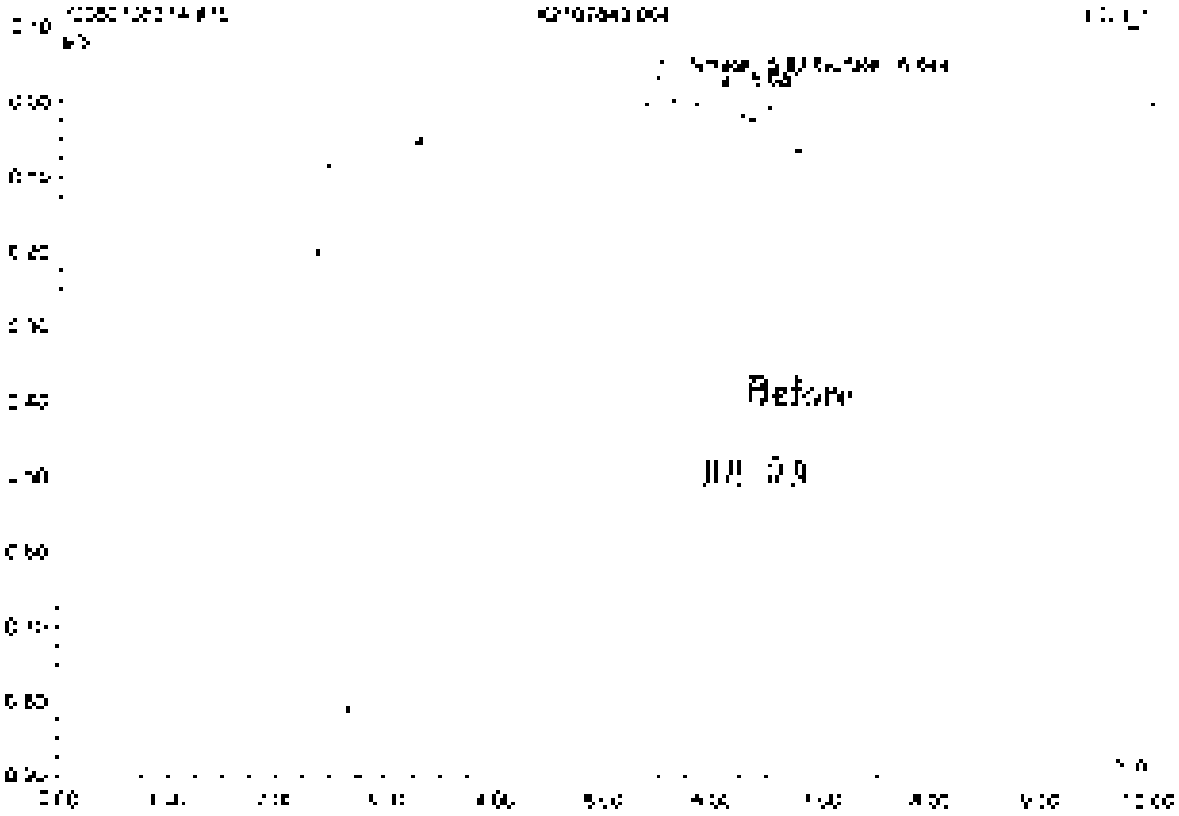
Sample Name	K2107843-004	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	7/5/2021 10:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.48	Nonane	0.039	0.006	45.12	0.028	BV BV
2	6.04	Sulfate	0.052	0.007	54.88	0.116	BV BV
Total:			0.091	0.013	100.00	0.144	

76 K2107843-004

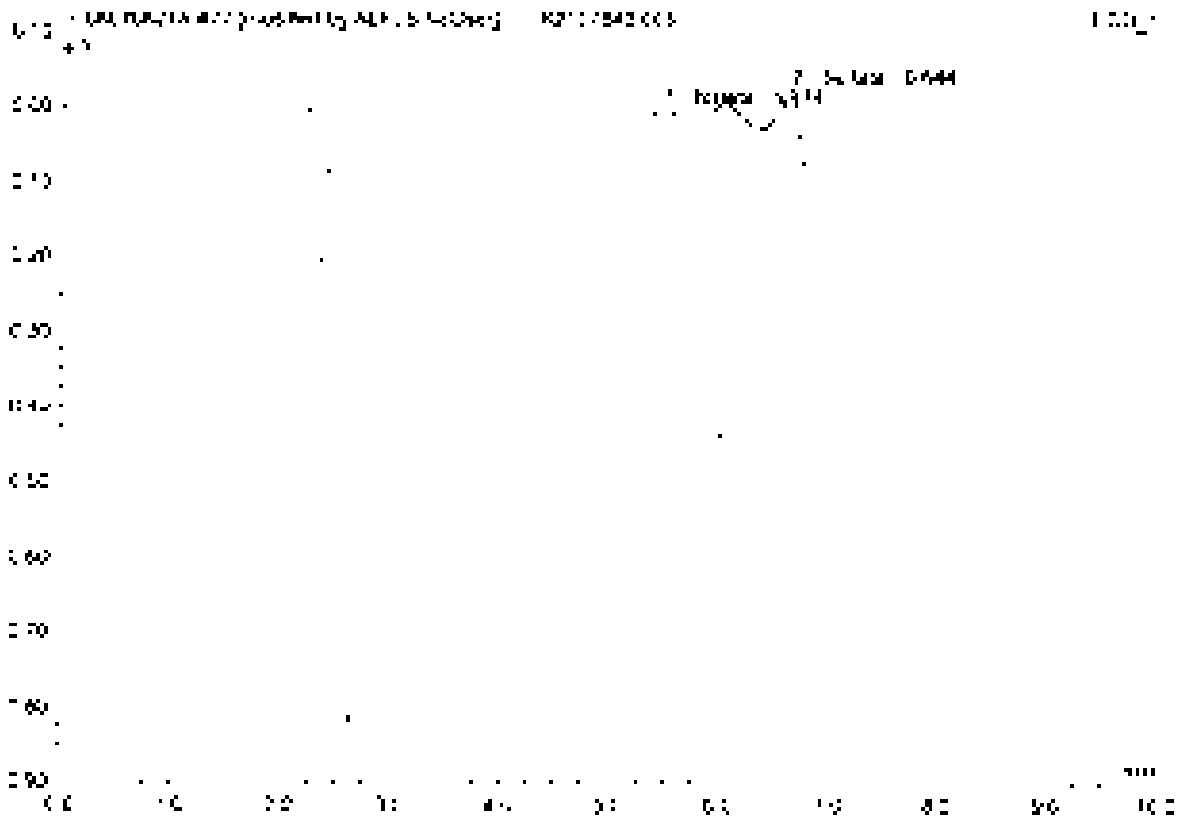
Sample Name	K2107843-004	Injection Volume	26.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	7/9/2021 10:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.45	Nitrate	0.046	0.050	65.12	0.340	BV*
2	6.05	[illegible]	0.025	0.006	[illegible]	n.a.	BV*
3	6.64	Sulfate	0.096	0.017	20.17	0.174	BV*
Total:			0.166	0.073	100.00	0.514	

77 K2107B43-005

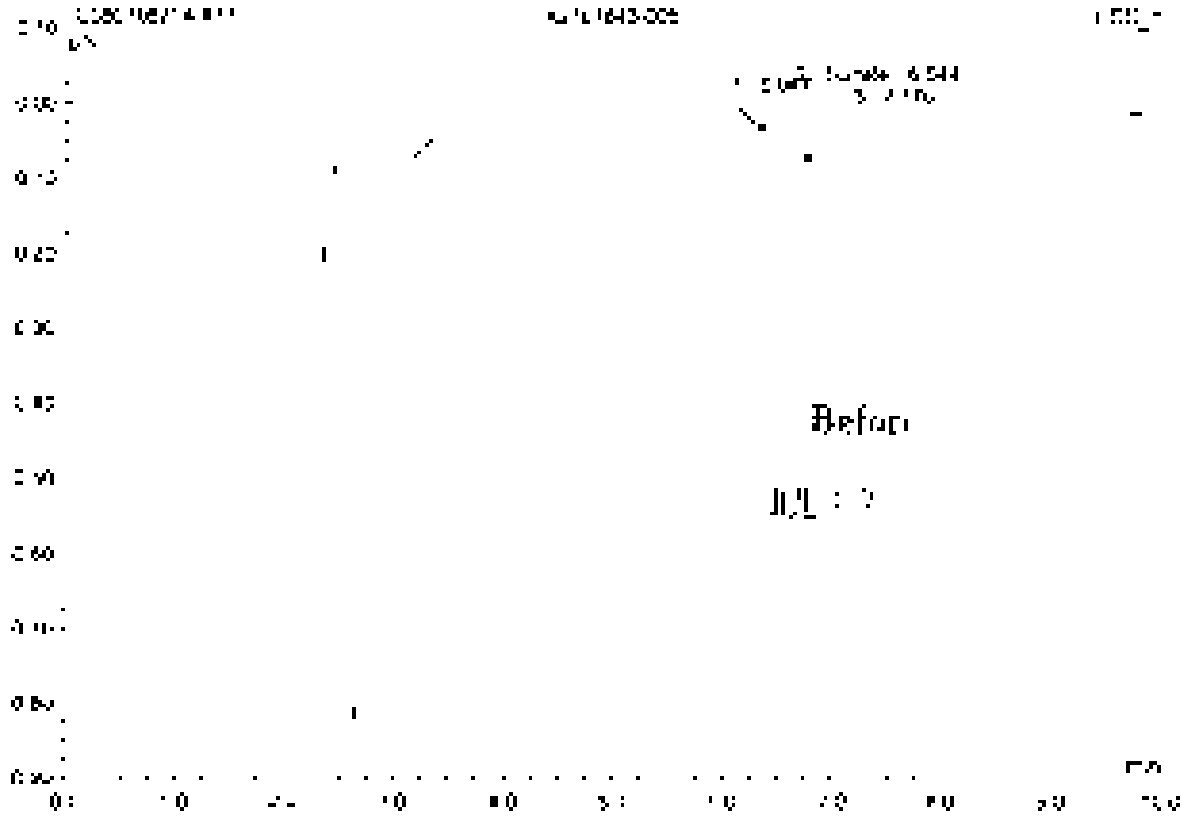
Sample Name	K2107B43-005	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	2.0000
Recording Time	7/9/2021 10:45	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.47	Nitrate	0.002	0.001	12.70	0.005	BMB*
2	6.64	Sulfate	0.055	0.007	87.30	0.114	BMB*
Total:			0.058	0.008	100.00	0.119	

77 K2107843-005

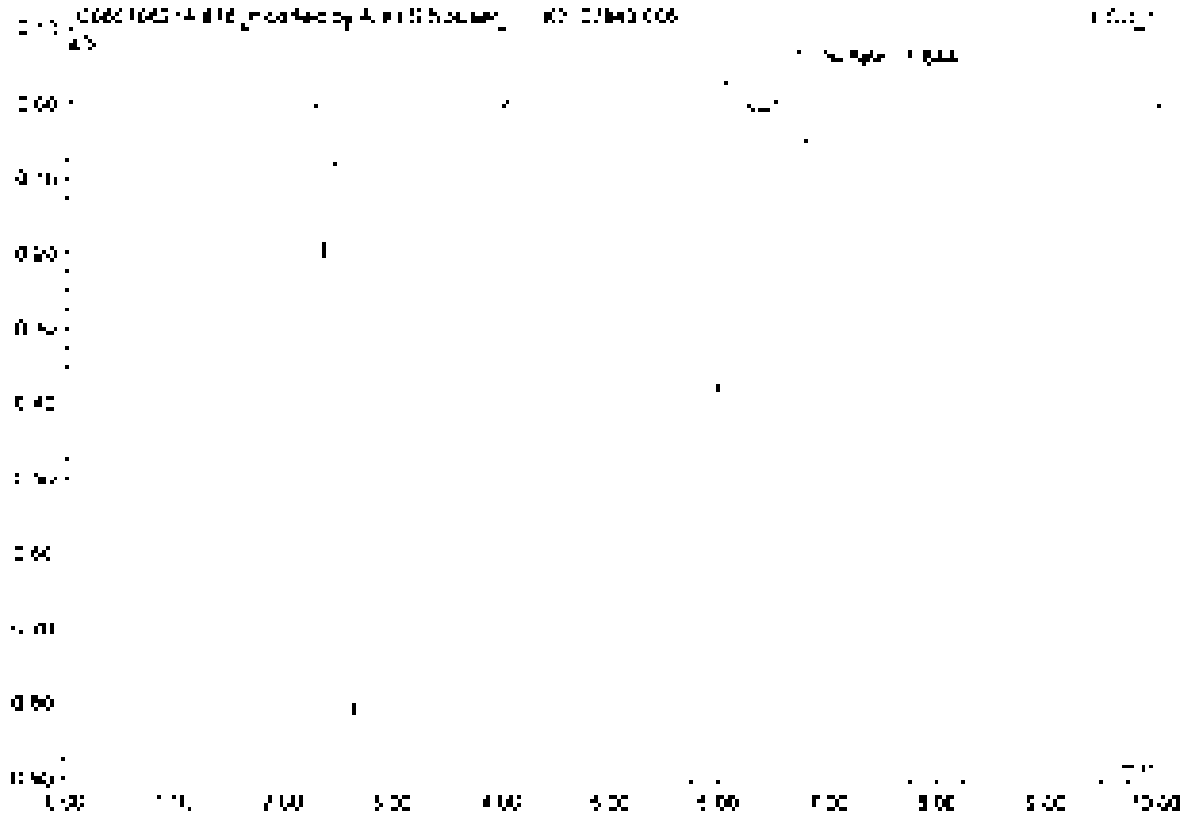
Sample Name	K2107843-005	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	7/9/2021 10:45	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.05	n.a.	0.100	1.362	51.60	n.a.	BV s
2	6.64	Sulfate	0.029	0.018	1.11	0.268	bVB
3	7.17	n.a.	0.085	0.158	7.29	n.a.	vMB
Total:			0.257	1.436	100.00	0.268	

78 K2107843-006

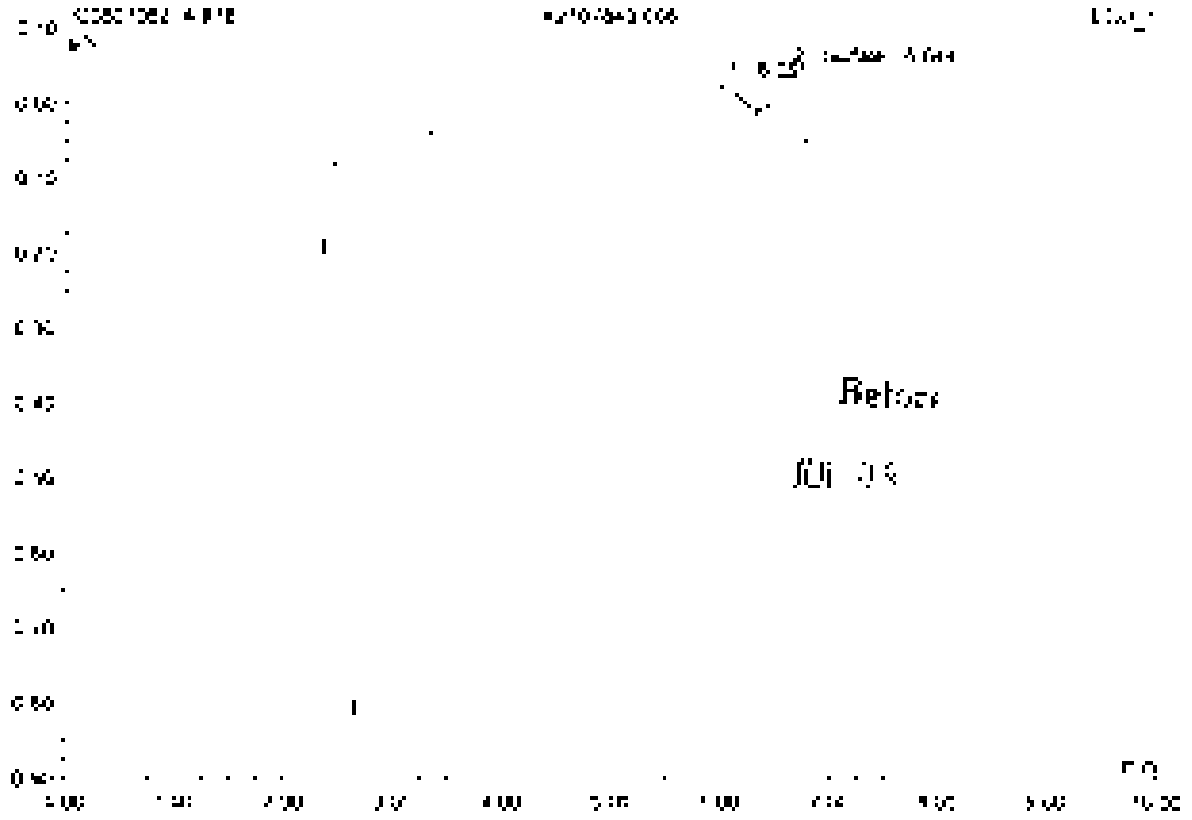
Sample Name	K2107843-006	Injection Volume	25.0
Vial Number	9	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	7/9/2021 10:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.04	Surface	0.057	0.008	100.00	0.134	BV BV
Total:			0.057	0.008	100.00	0.134	

7B K2107843-006

Sample Name	K2107843-006	Injection Volume	25.0
Vial Number	9	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Method Name	epa300	Dilution Factor	2.0000
Recording Time	7/9/2021 10:57	Sample Weight	1.0000
Run Time (min)	16.00	Sample Amount	1.0000

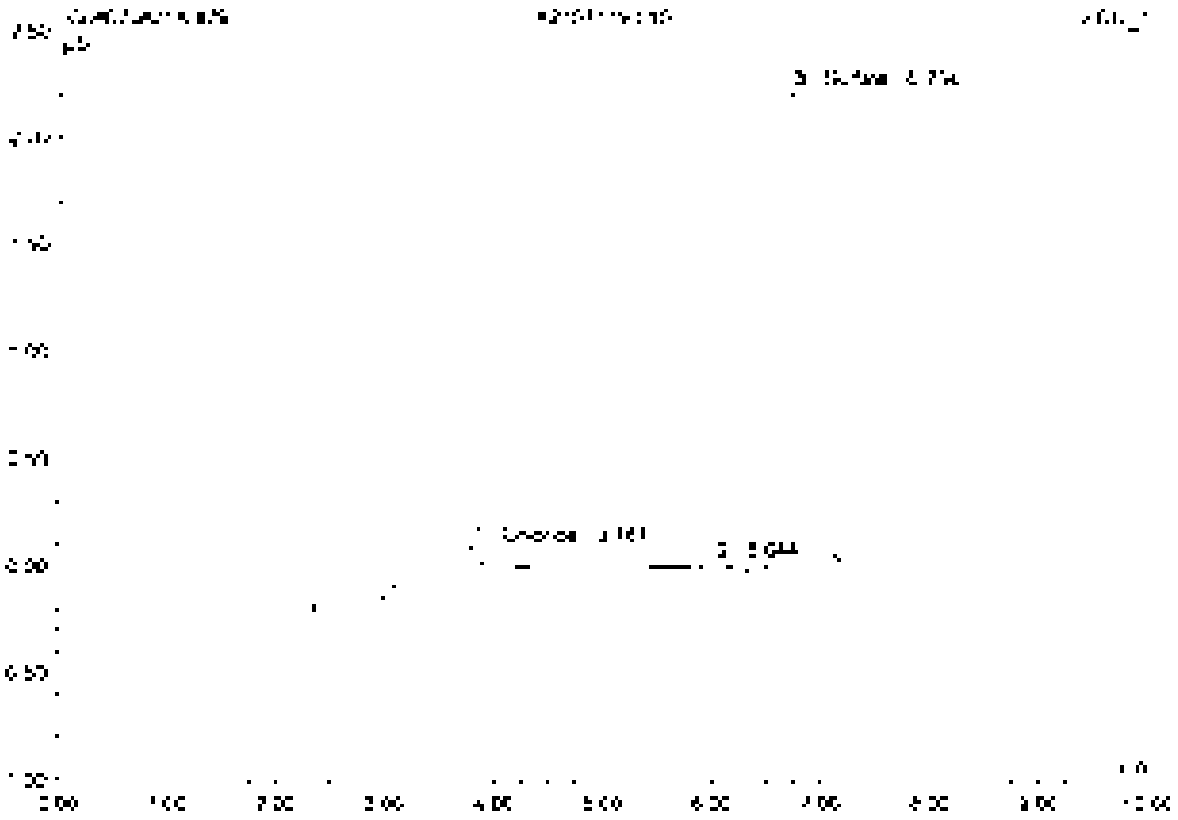


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.05	n.a.	0.099	1.350	98.81	n.a.	BMB
2	6.64	Sulfate	0.003	0.016	1.19	0.203	BMB
Total:			0.156	1.366	100.00	0.203	

79 K2107119-010

SO4 RERUN

Sample Name	K2107119-010	Injection Volume	25.0
Vial Number	10	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	400.0000
Recording Time	7/9/2021 11:09	Sample Weight	1.0000
Run Time (min)	40.00	Sample Amount	1.0000

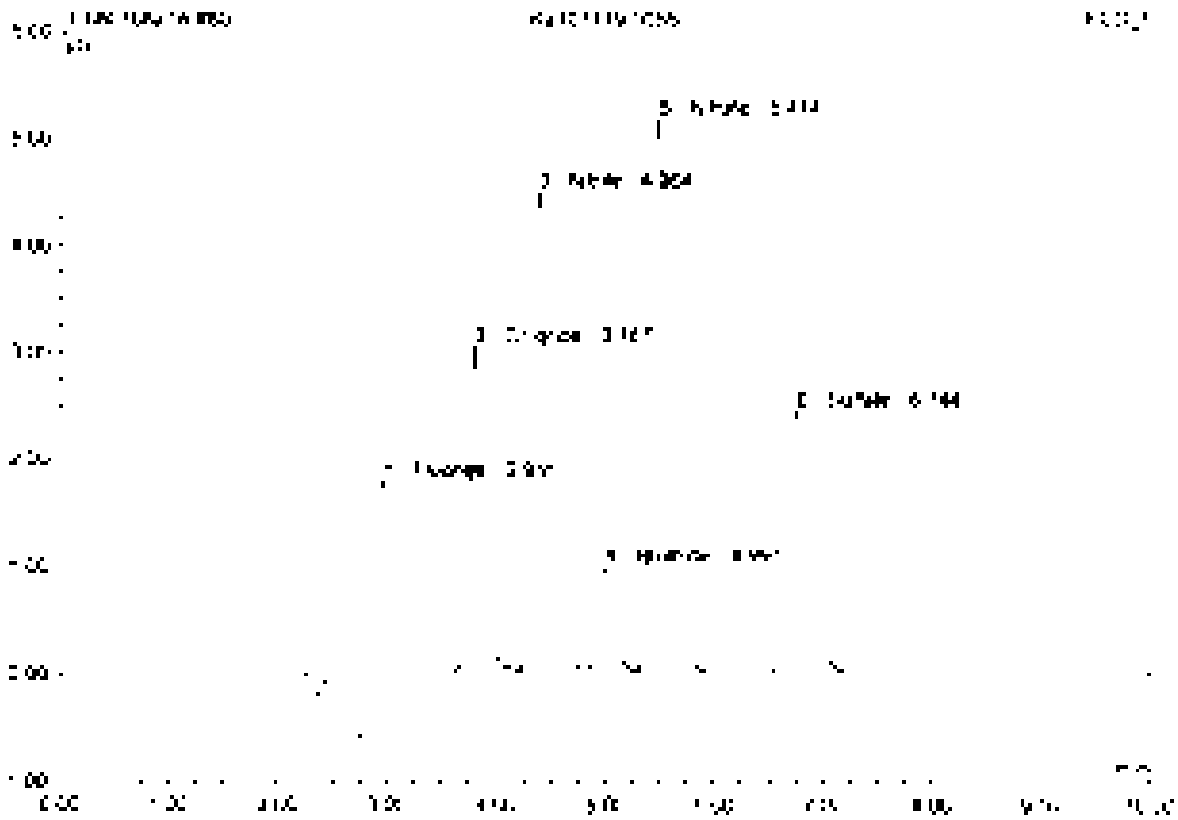


No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.79	Chloride	0.150	0.078	13.53	180.384	BMB
2	6.34	n.a.	0.038	0.012	2.12	n.a.	BMB
3	6.73	Sulfate	2.209	0.472	84.34	1534.203	BMB
Total:			2.406	0.562	100.00	1714.587	

80 K2107119-005S

SO4 RERUN

Sample Name	K2107119-005S	Injection Volume	25.0
Vial Number	11	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant. Method	apa300	Dilution Factor	20.0000
Recovery Time	7/8/2021 11:21	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

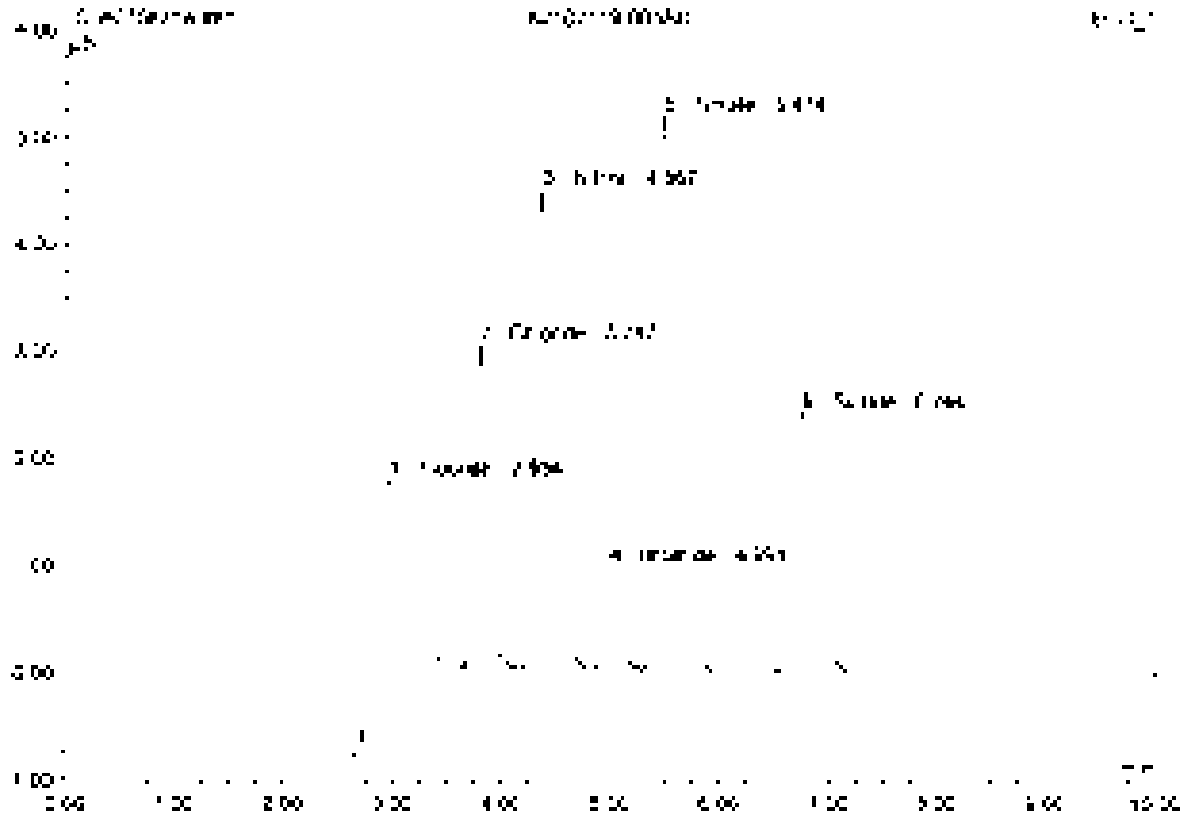


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	2.254	0.628	19.75	50.644	BMB
2	3.79	Chloride	2.997	0.358	11.26	47.374	BMB
3	4.35	Nitrite	4.464	0.704	22.13	39.554	BMB
4	4.99	Bromide	0.056	0.138	4.34	18.911	BMB
5	5.67	Nitrate	5.141	0.836	26.27	29.736	BMB
6	8.74	Sulfate	2.431	0.517	16.25	83.967	BMB
Total:			18.242	3.181	100.00	293.585	

81 K2107119-005SD

SO4 RERUN

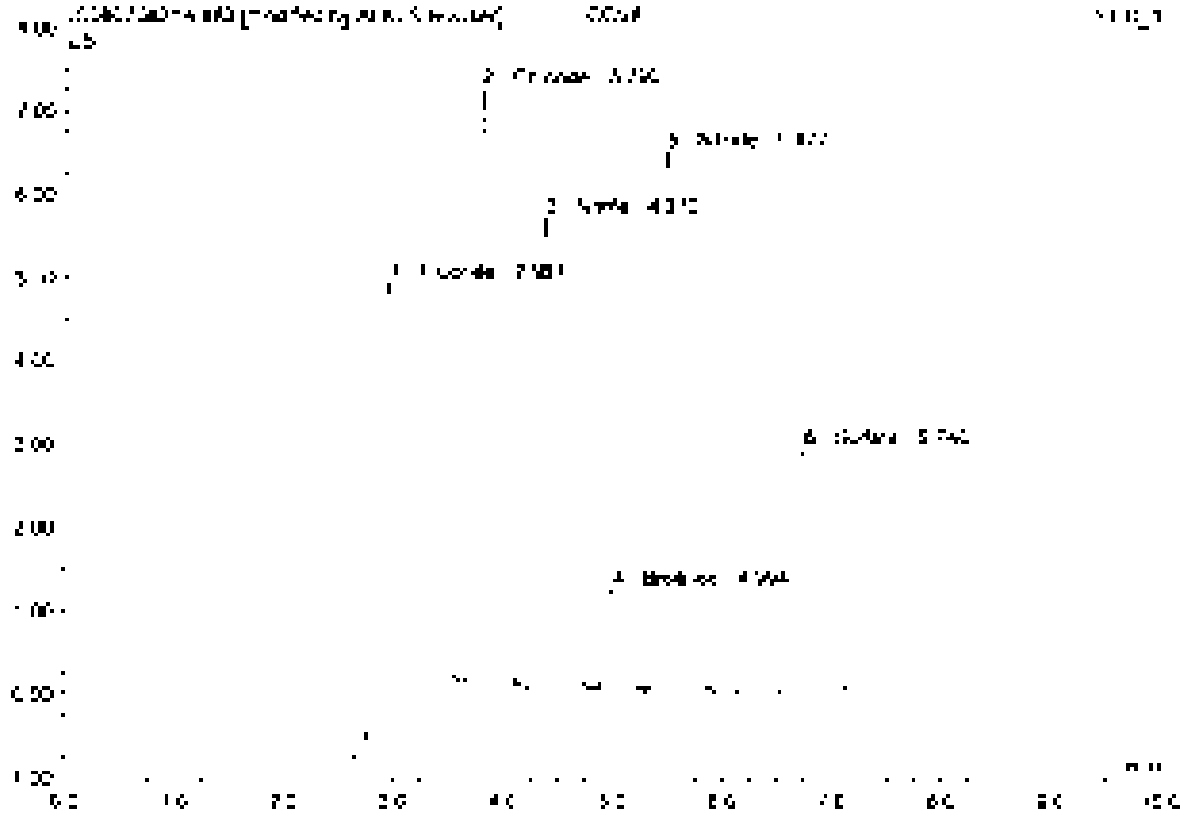
Sample Name	K2107119-005SD	Injection Volume	25.0
Vial Number	12	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Solvent	n.a.
Quantit. Method	epa300	Dilution Factor	20.0000
Processing Time	[illegible]/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.95	Fluoride	2.272	0.635	19.00	50.544	BMB
2	3.79	Chloride	3.016	0.381	11.30	41.682	BMB
3	4.37	Nitrite	2.435	0.736	22.11	39.672	BMB
4	4.99	Bromide	0.962	0.139	4.16	39.241	BMB
5	5.47	Nitrate	5.164	0.959	28.75	39.897	BMB
6	5.74	Sulfate	2.412	0.570	16.95	51.341	BMB
Total:			18.211	3.193	100.30	294.377	

#2 CCV8

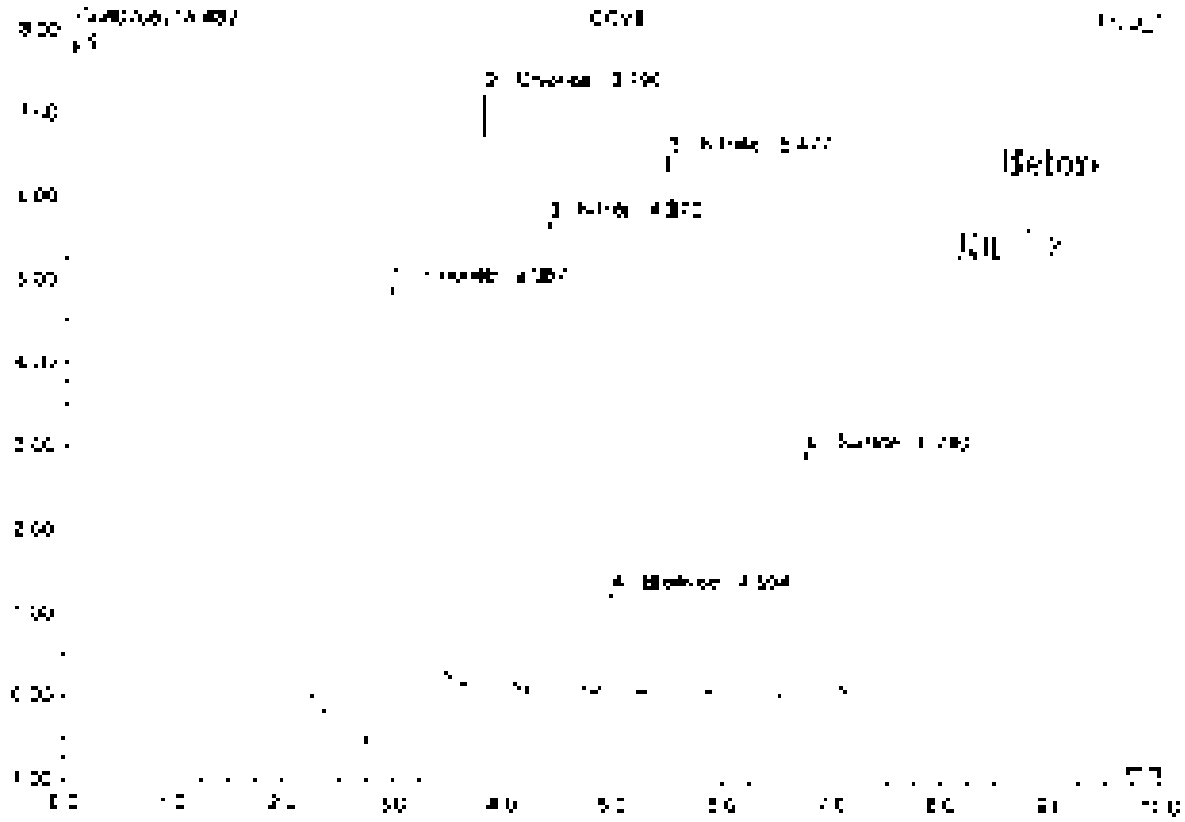
Sample Name	CCV8	Injection Volume	25.0
Vial Number	44	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	7/9/2021 11:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.96	Fluoride	5.307	[illegible]	26.06	[illegible]	BMB*
2	3.79	Chloride	7.122	0.837	17.40	6.934	BMB*
3	4.37	Nitrite	5.657	0.585	18.48	2.458	BMB
4	4.99	Nitrate	1.198	0.172	3.58	2.426	BMB
5	5.48	Nitrite	6.474	1.047	21.76	2.485	BMB
6	5.74	Sulfate	2.973	0.612	12.72	4.967	BMB
Total:			28.671	4.811	100.00	22.205	

82 CCV8

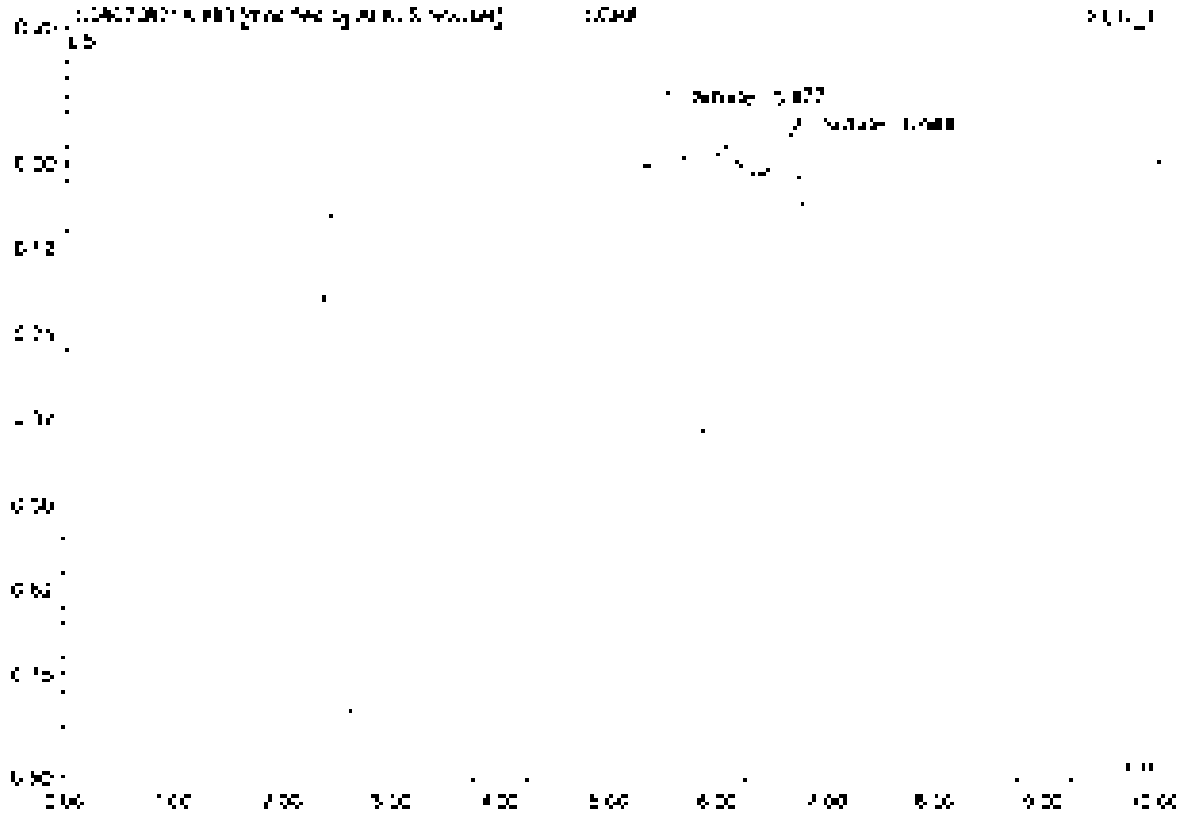
Sample Name	CCV8	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 11:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	5.237	1.306	26.86	5.201	BV*
2	3.79	Chloride	7.122	0.837	17.21	4.834	bVU
3	4.37	Nitrite	5.657	0.989	19.28	2.498	BMB
4	4.99	Bromide	1.165	0.172	3.54	2.425	BVB
5	5.48	Nitrate	6.474	1.047	21.50	2.489	BMB
6	6.74	Sulfate	2.913	0.612	12.58	4.997	bMU
Total:			28.700	4.863	100.00	22.415	

83 CCB0

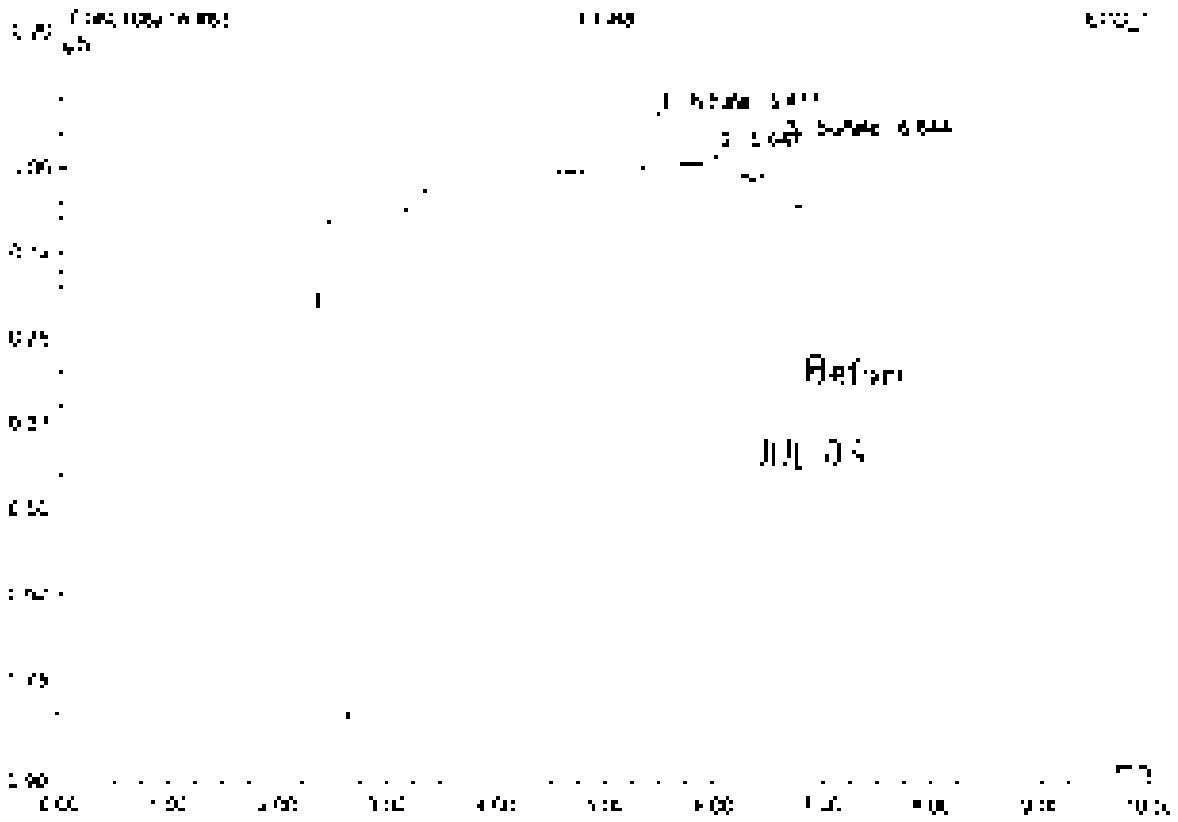
Sample Name	CCB0	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Processing Time	7/9/2021 11:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.45	Acetate	0.0921	0.012	66.03	0.030	BMB*
2	6.54	Sulfate	0.045	0.006	33.97	0.027	BMB*
Total:			0.130	0.019	100.00	0.082	

83 CCB8

Sample Name	CCB8	Injection Volume	35.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a
Control Program	epa300	Bandwidth	n.a
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 11:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

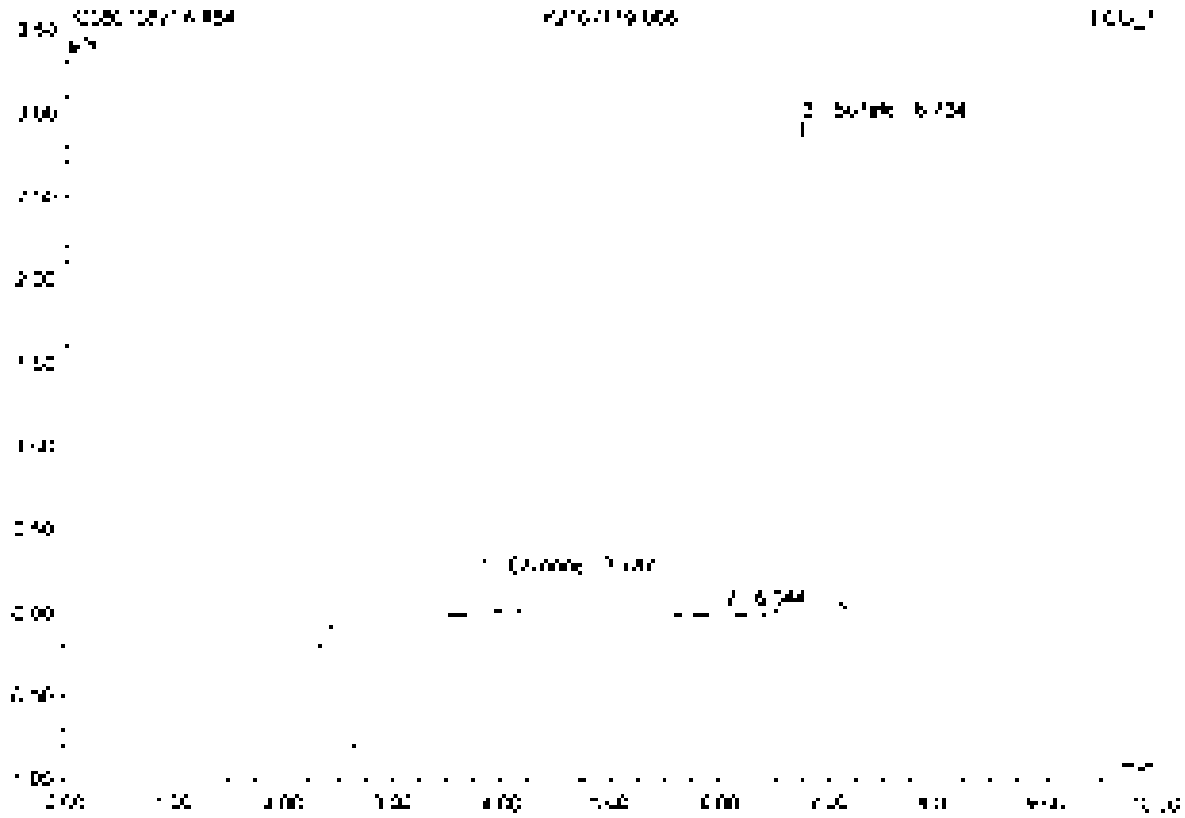


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.48	Nitrate	0.078	0.005	26.59	0.020	BMb
2	6.05	n.a	0.031	0.006	19.01	n.a	bVB
3	6.64	Sulfate	0.081	0.017	54.40	0.136	bMB
Total:			0.200	0.031	100.00	0.156	

84 K2107119-006

SO4 RERUN

Sample Name	K2107119-006	Injection Volume	25.0
Performer	5	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	200.0000
Recording Time	7/9/2021 13:28	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

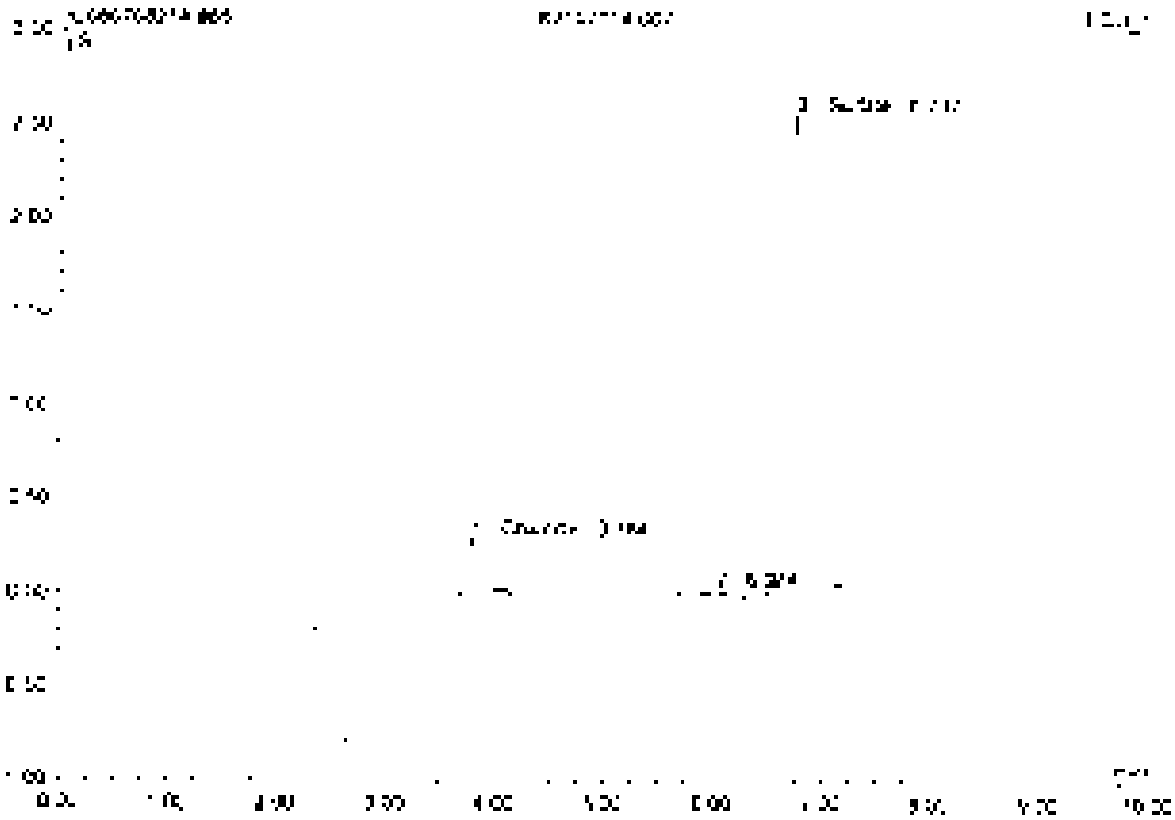


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BV S
2	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	[illegible]	BV B
3	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BV B
Total:			[illegible]	[illegible]	100.00	[illegible]	

85 K2107119-007

SO4 RERUN

Sample Name	K2107119-007	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a
Control Program	epa300	Bandwidth	n.a
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	7/9/2021 13:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

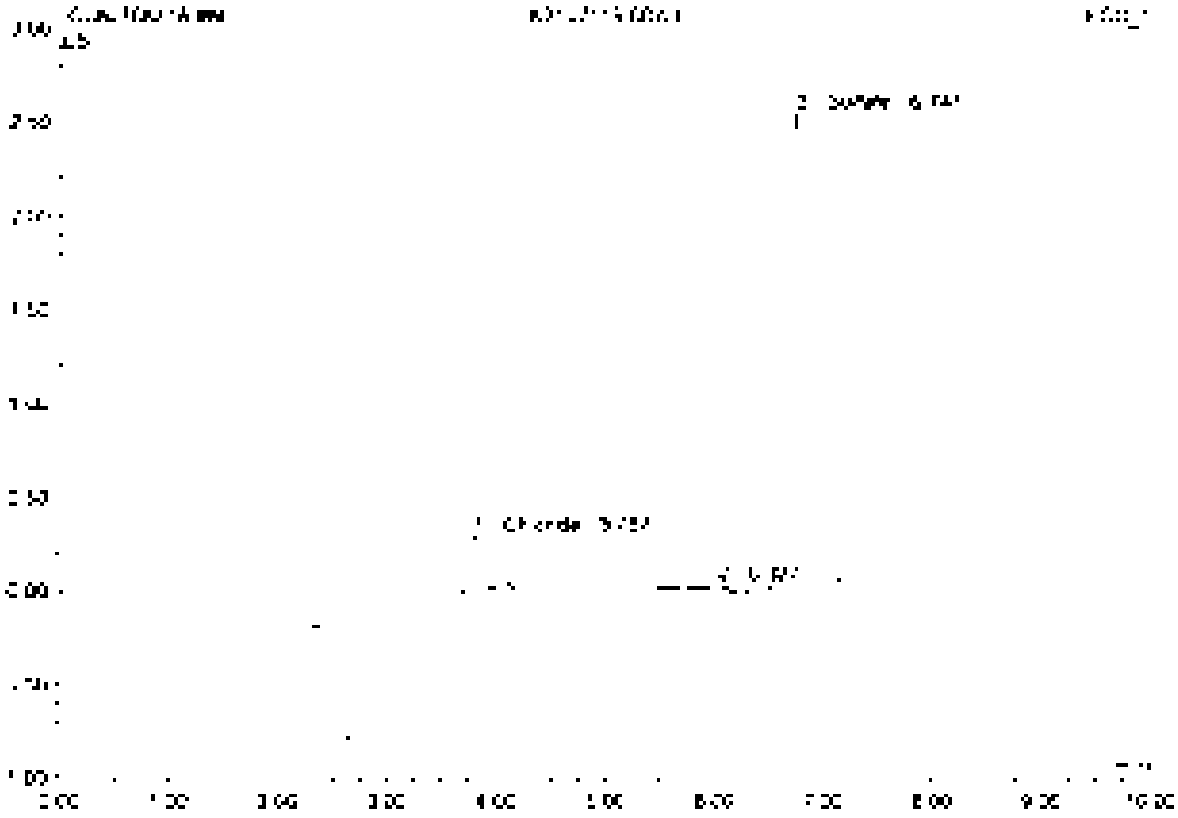


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chloride	0.295	0.037	6.45	6.322	BV/B
2	5.02	n.a	0.022	0.005	0.86	n.a	BV/B
3	6.24	Sulfate	2.522	0.537	92.69	87.236	BV/B
Total:			2.853	0.580	100.00	91.578	

86 K2107119-007D

SO4 RERUN

Sample Name	K2107119-007D	Injection Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a
Control Program	epa300	Bandwidth	n.a
Quantif. Method	epa300	Dilution Factor	20.0000
Recording Time	7/9/2021 13:51	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

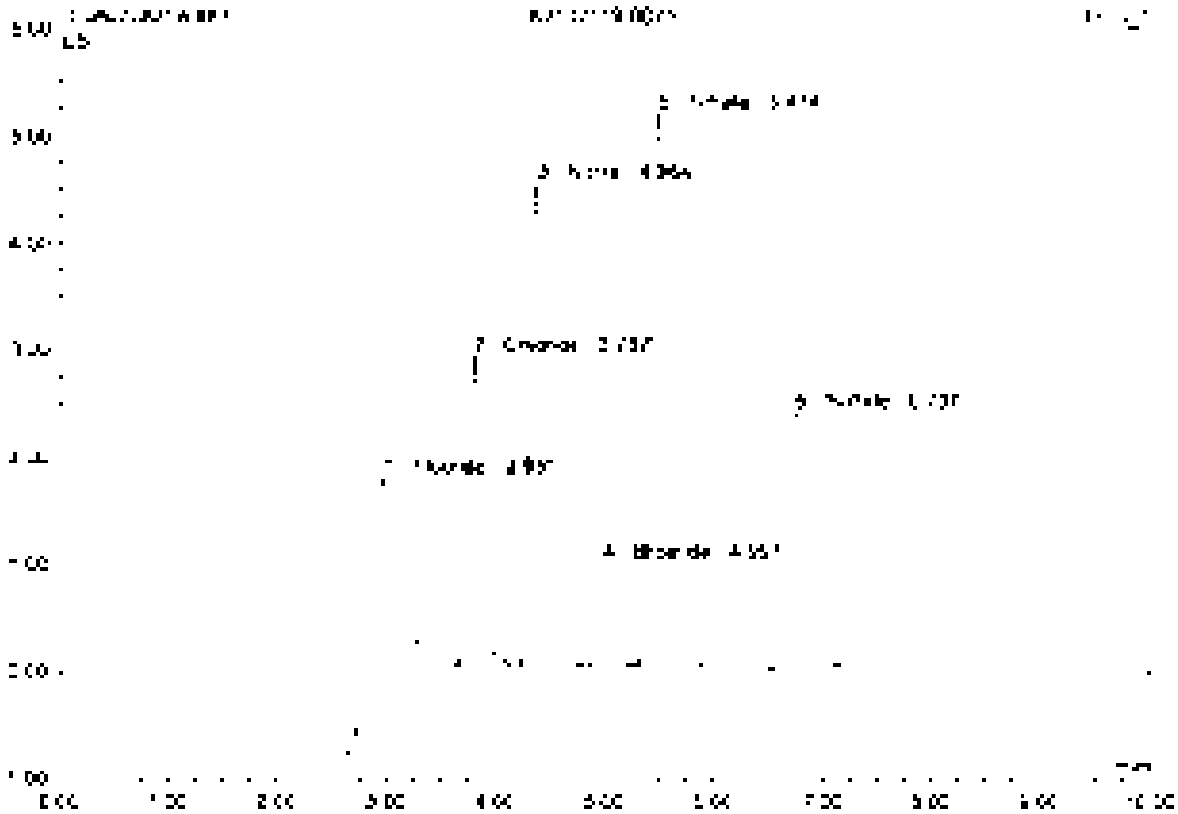


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.79	Chloride	0.295	0.037	6.21	4.723	BMB
2	6.03	n.a	0.031	0.009	1.45	n.a	BMB
3	6.74	Sulfate	2.515	0.534	92.34	86.772	BMB
Total:			2.841	0.579	100.00	90.995	

87 K2107119-007S

SO4 RERUN

Sample Name	K2107119-007S	Injection Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	40.0000
Recording Time	7/9/2021 14:02	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

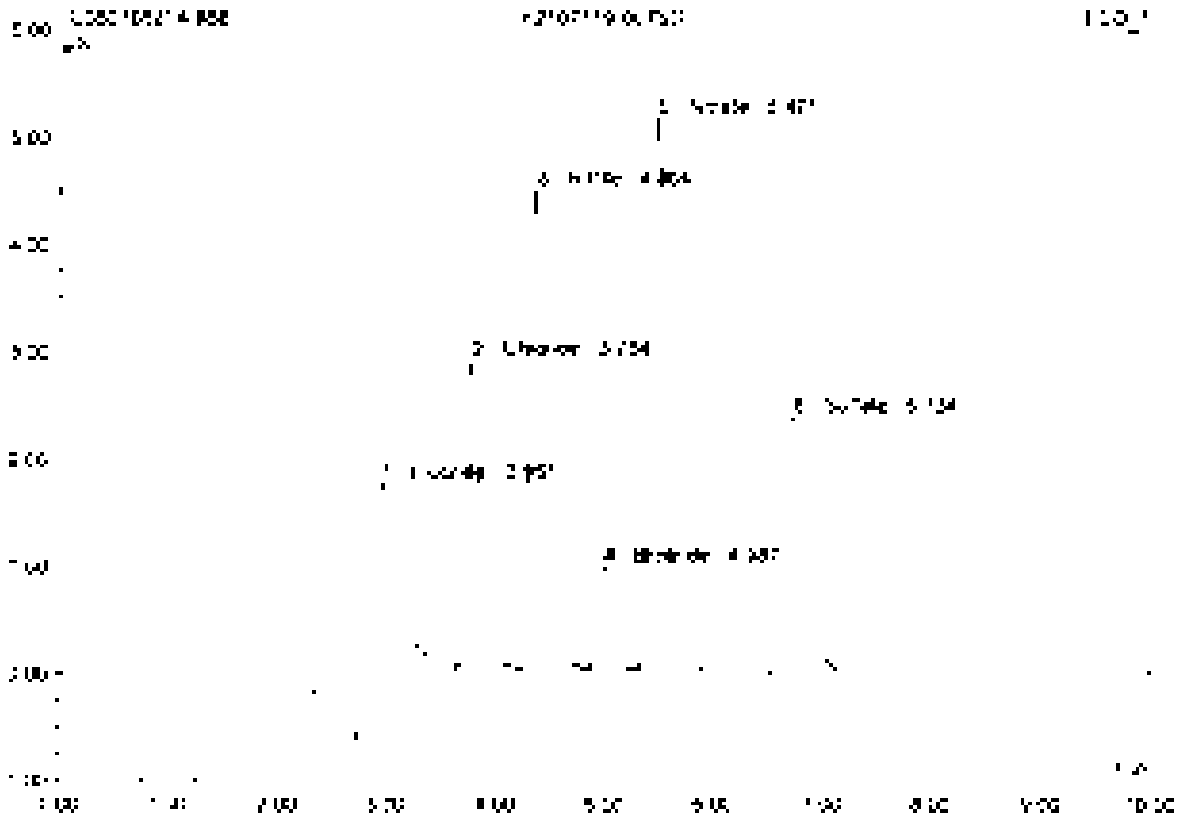


No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.95	Fluoride	2.292	0.628	19.88	99.992	BMB
2	3.79	Chloride	2.576	0.343	10.85	79.290	BMB
3	4.35	Nitrite	4.511	0.707	22.39	79.455	BMB
4	4.99	Bromide	0.964	0.139	4.40	79.203	BMB
5	5.47	Nitrate	5.161	0.895	28.48	79.507	BMB
6	5.74	Sulfate	2.396	0.506	16.00	154.796	BMB
Total:			18.163	3.158	100.00	590.654	

88 K2107119-007SD

SO4 RERUN

Sample Name	K2107119-007SD	Injection Volume	25.0
Vial Number	7	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	40.0000
Recording Time	7/9/2021 16:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

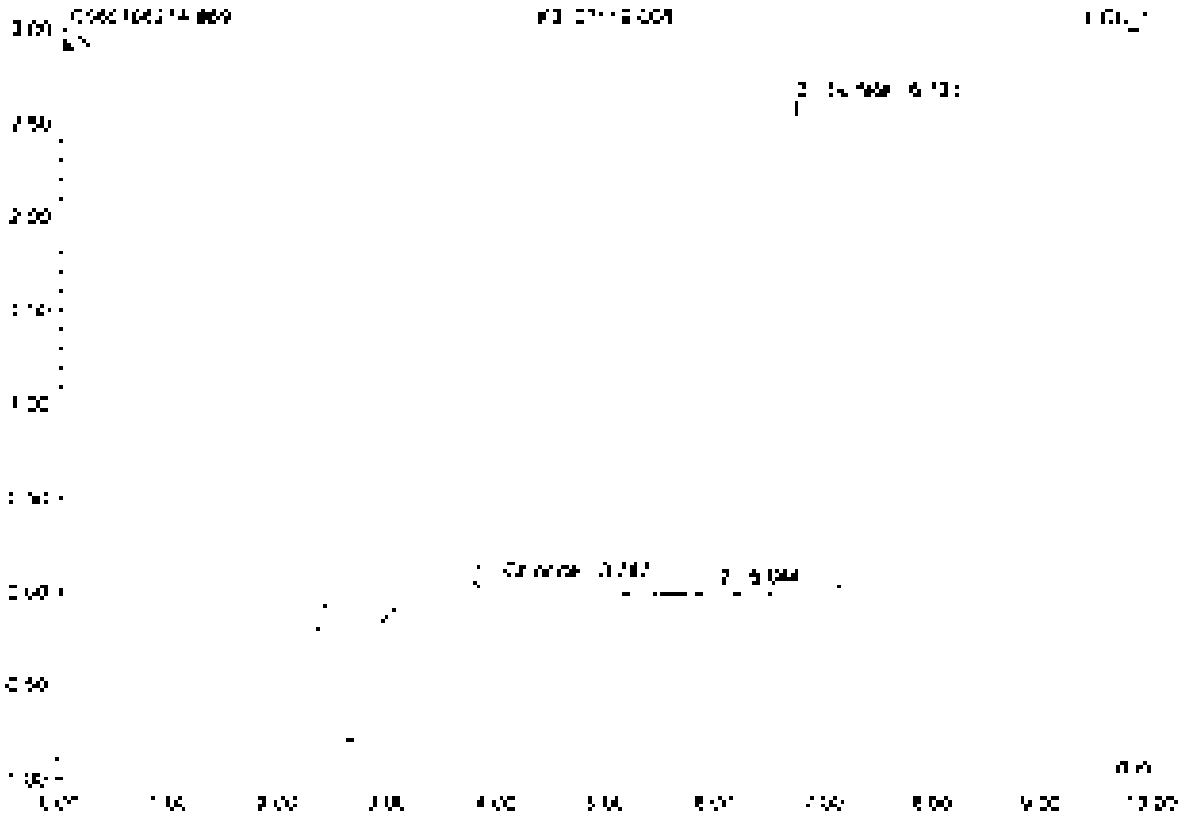


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.55	Fluoride	7.232	0.526	19.00	69.765	BMb
2	3.78	Chloride	2.900	0.340	10.81	78.620	BMB
3	4.36	Nitrite	6.453	0.703	22.34	79.010	BMB
4	4.99	Bromide	0.360	0.138	4.40	78.026	BMB
5	5.47	Nitrate	5.144	0.835	26.52	79.360	BMB
6	6.73	Sulfate	7.325	0.505	15.03	153.858	BMB
Total:			18.005	3.148	100.00	575.710	

89 K2107119-008

SO4 RERUN

Sample Name	K2107119-008	Injection Volume	25.0
Vial Number	8	Channel	ECD: 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	100.0000
Recording Time	7/8/2021 14:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

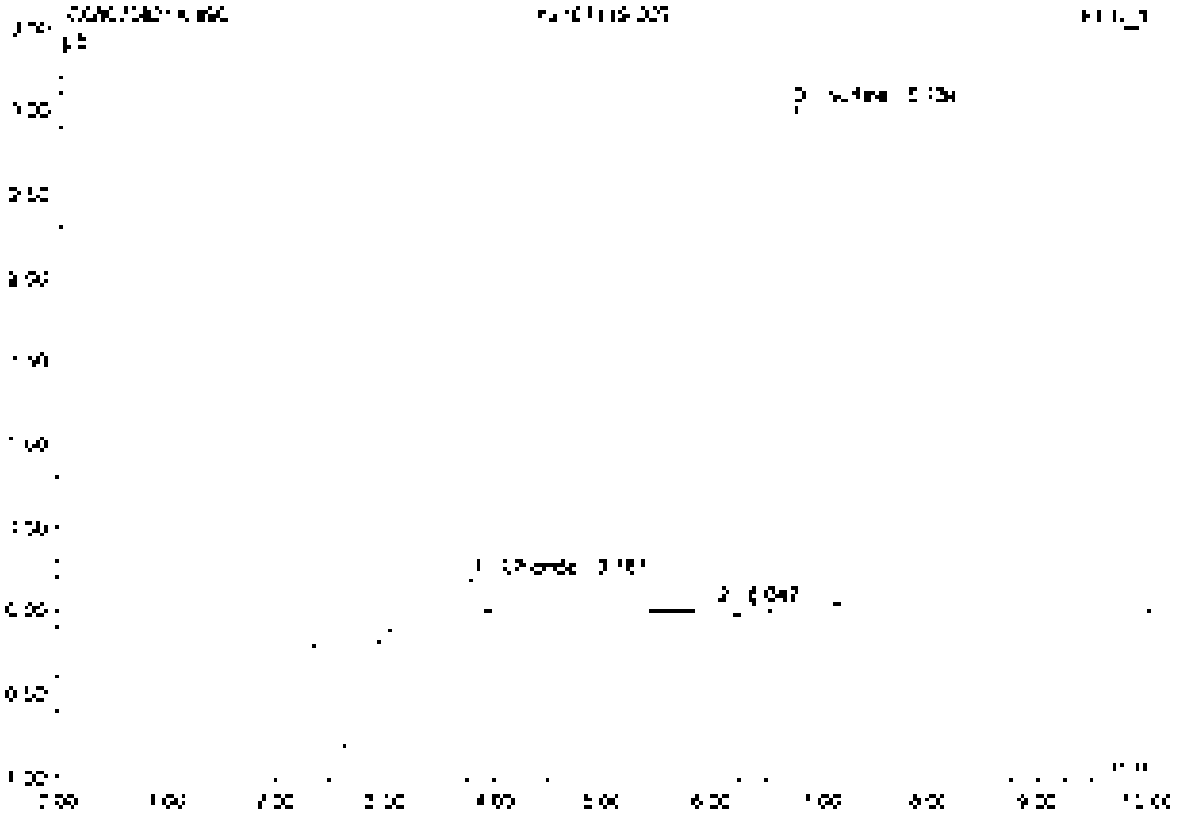


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	0.505	0.880	50.87	503.000	BMB
2	6.08	n.a.	0.045	0.018	1.05	n.a.	bMB
3	8.73	Sulfate	2.609	0.550	38.04	446.256	BMB
Total:			3.159	1.446	100.00	949.255	

90 K2107119-009

SO4 RERUN

Sample Name	K2107119-009	Injection Volume	25.0
Vial Number	9	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	200.0000
Recording Time	[illegible] 14:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

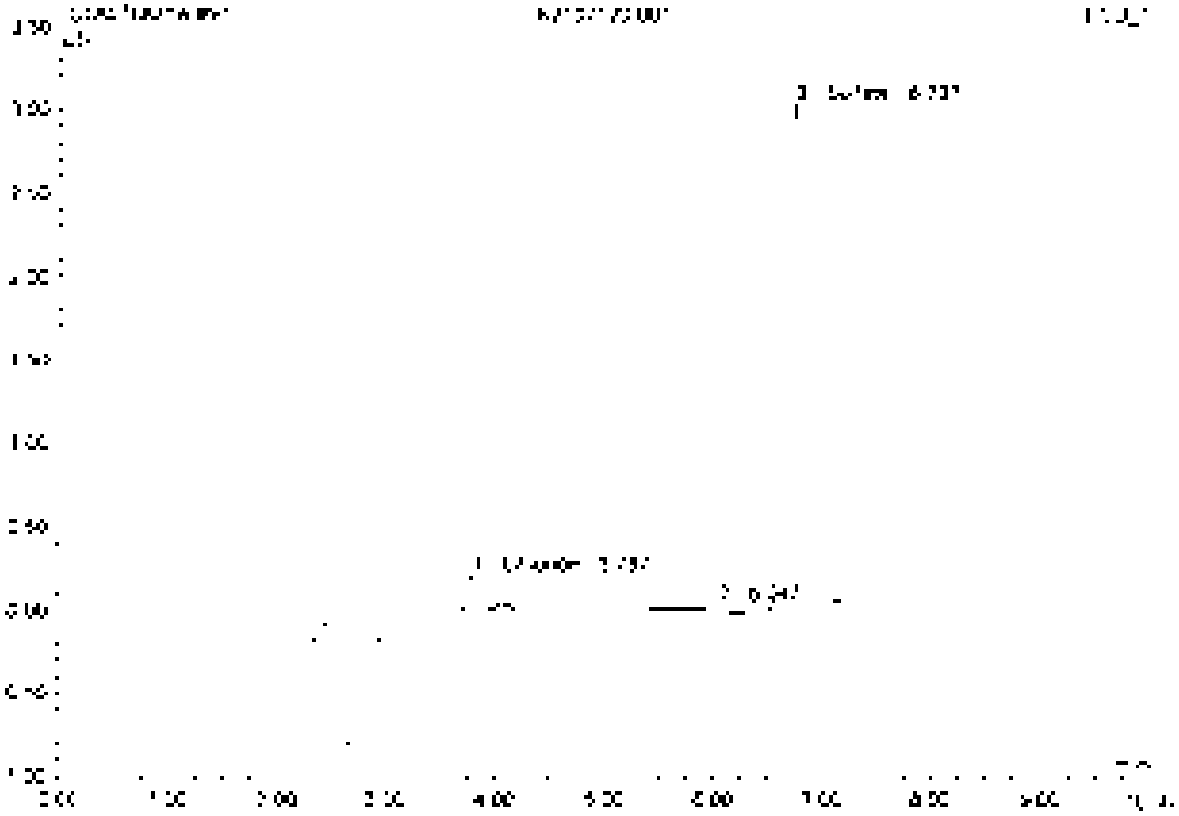


No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
3	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

91 K2107120-001

SO4 RERUN

Sample Name	K2107120-001	Injection Volume	25.0
Vial Number	10	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	200.0000
Recording Time	7/9/2021 14:49	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

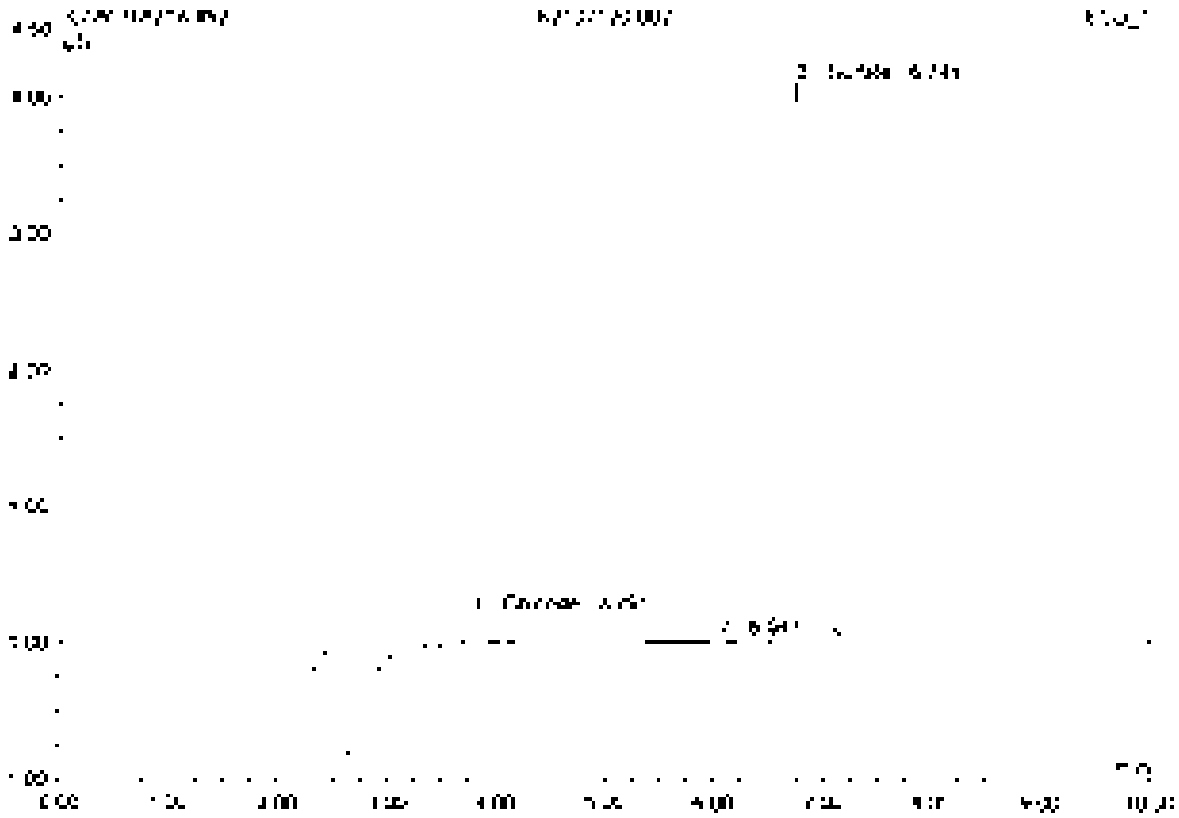


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	0.216	0.029	4.25	33.128	BMB
2	6.05	n.a.	0.043	0.013	1.95	n.a.	BMB
3	6.74	Sulfate	3.017	0.635	93.81	1031.764	BMB
Total:			3.276	0.677	100.00	1064.892	

92 K2107120-002

SO4 RERUN

Sample Name	K2107120-002	Injection Volume	25.0
Vial Number	11	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Operator Method	epa300	Dilution Factor	200.0000
Recording Time	7/9/2021 15:00	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

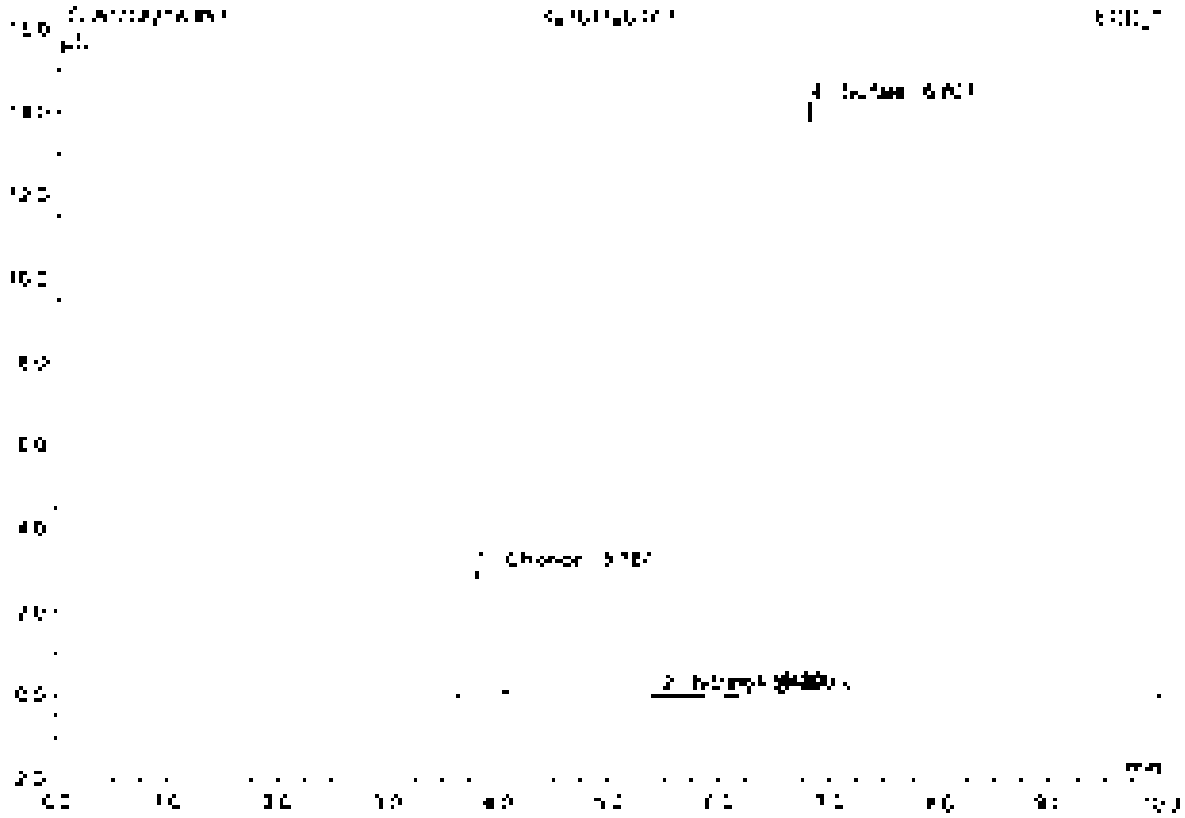


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	0.216	0.029	3.19	33.053	BV8
2	6.05	n.a.	0.046	0.016	1.82	n.a.	BV8
3	6.74	Sulfate	4.362	0.853	94.99	1085.437	BV8
Total:			4.375	0.898	100.00	1118.490	

93 K2107120-003

CL

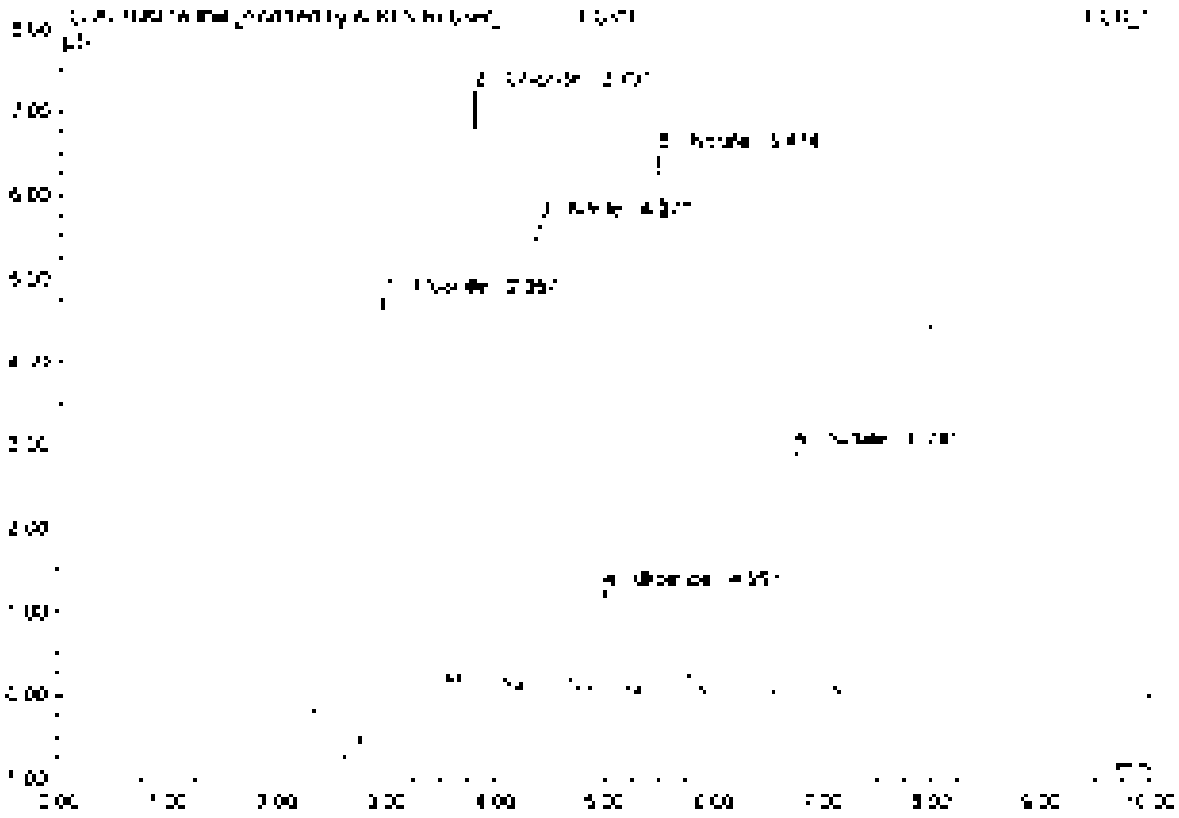
Sample Name	K2107120-003	Injection Volume	25.0
Vial Number	12	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	7/9/2021 15:12	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.74	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BVB
2	5.49	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BVB
3	6.30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	BVB
4	6.87	Sulfate	14.084	2.721	86.38	44.234	BVB
Total:			[illegible]	3.139	100.00	43.623	

94 CCV9

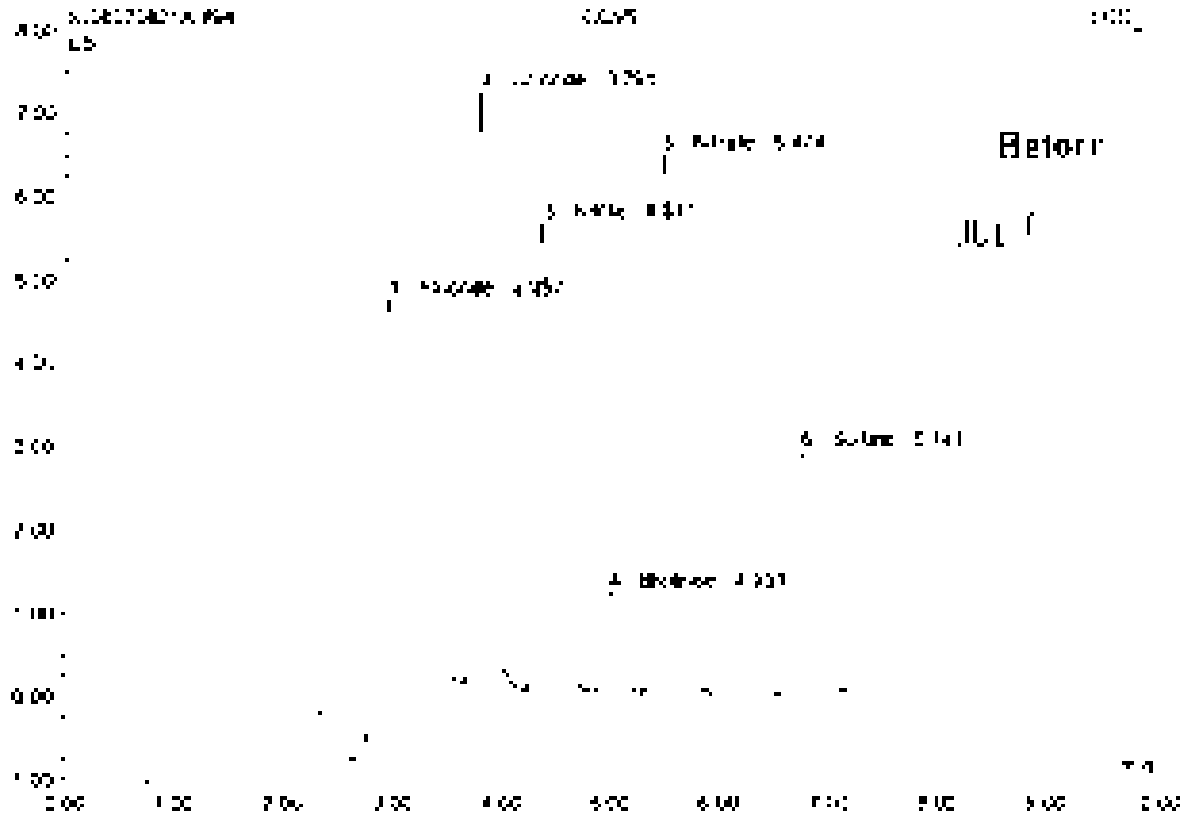
Sample Name	CCV9	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/8/2021 15:24	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.95	Fluoride	5.150	1.239	25.91	4.935	BMB*
2	3.79	Chloride	7.106	0.832	17.40	4.806	BMB*
3	4.37	Nitrite	5.526	0.884	18.49	2.484	BMB
4	4.89	Bromide	1.194	0.172	3.59	2.417	BMB
5	5.47	Nitrate	6.462	1.045	21.86	2.485	BMB
6	5.74	Sulfate	2.805	0.610	12.75	6.954	BMB
Total:			28.442	4.783	100.00	22.082	

94 CCV9

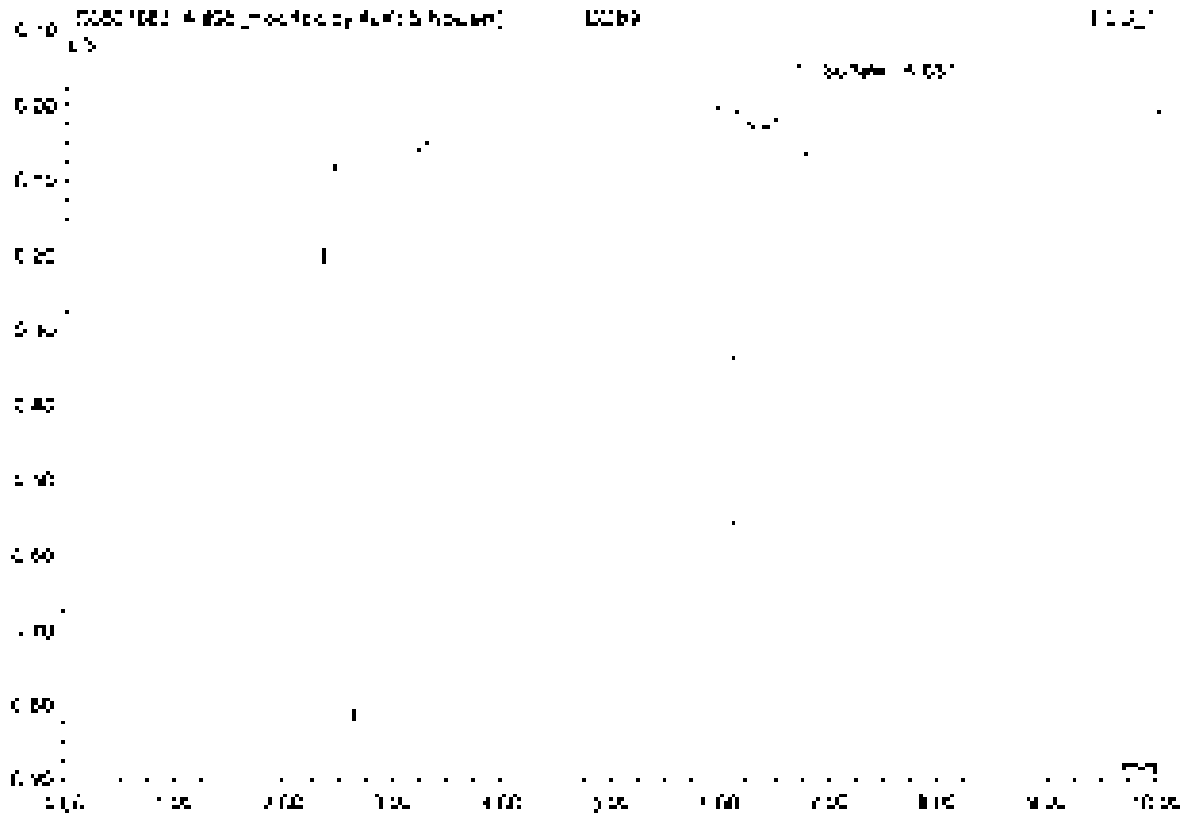
Sample Name	CCV9	Injection Volume	25.0
Vial Number	48	Channel	ECD [illegible]
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	7/8/2021 15:24	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	2.56	Fluoride	5.177	1.397	26.66	5.125	BMB
2	2.79	Chloride	7.106	0.932	17.79	4.806	BMB
3	4.37	Nitrite	5.526	0.884	16.88	2.434	BMB
4	4.90	Bromide	1.194	0.172	3.28	2.417	BMB
5	5.47	Nitrate	5.462	1.045	21.64	2.425	BMB
6	6.74	Sulfate	2.906	0.610	12.63	4.564	BMB
Total:			28.470	4.830	100.00	22.271	

95 CCB9

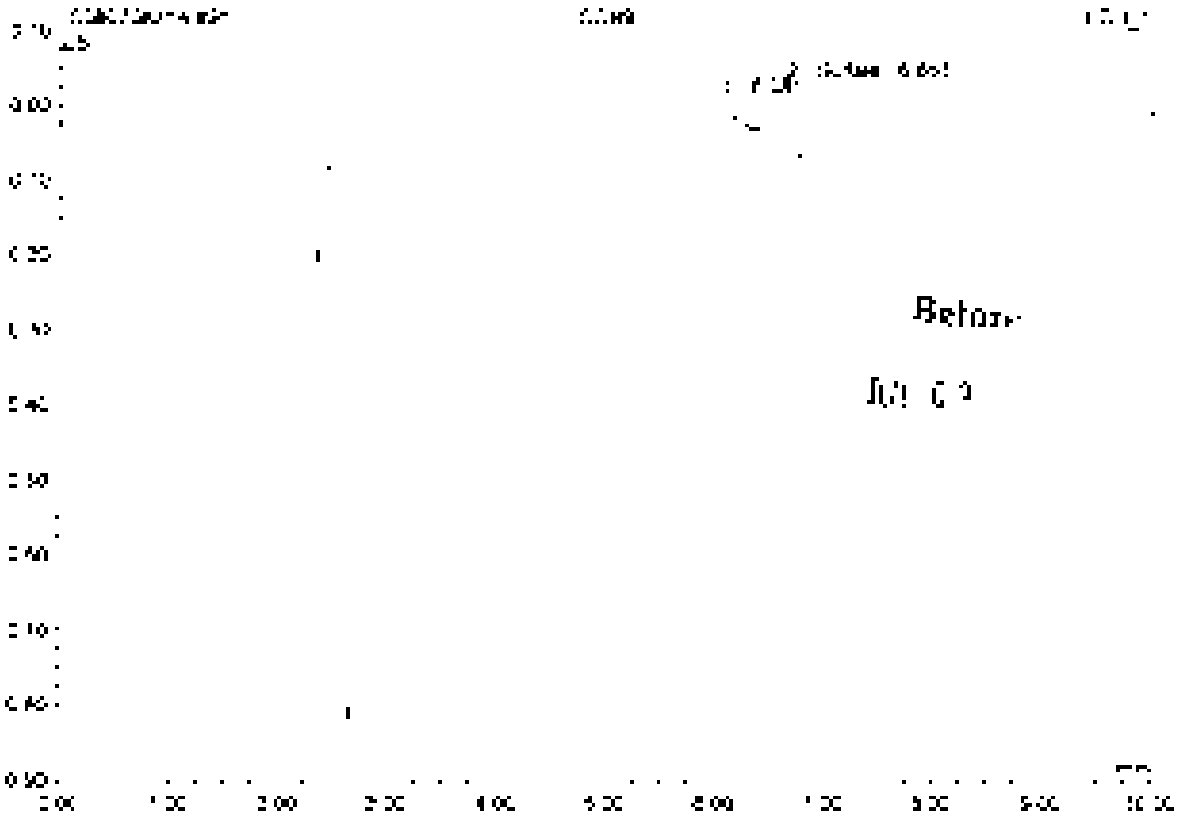
Sample Name	CCB9	Injection Volume	25.0
Vial Number	49	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 15:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	0.65	Solate	0.057	0.008	100.00	0.062	BV8*
Total: 1			0.057	0.008	100.00	0.062	

95 CCB9

Sample Name	CCB9	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	7/9/2021 15:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

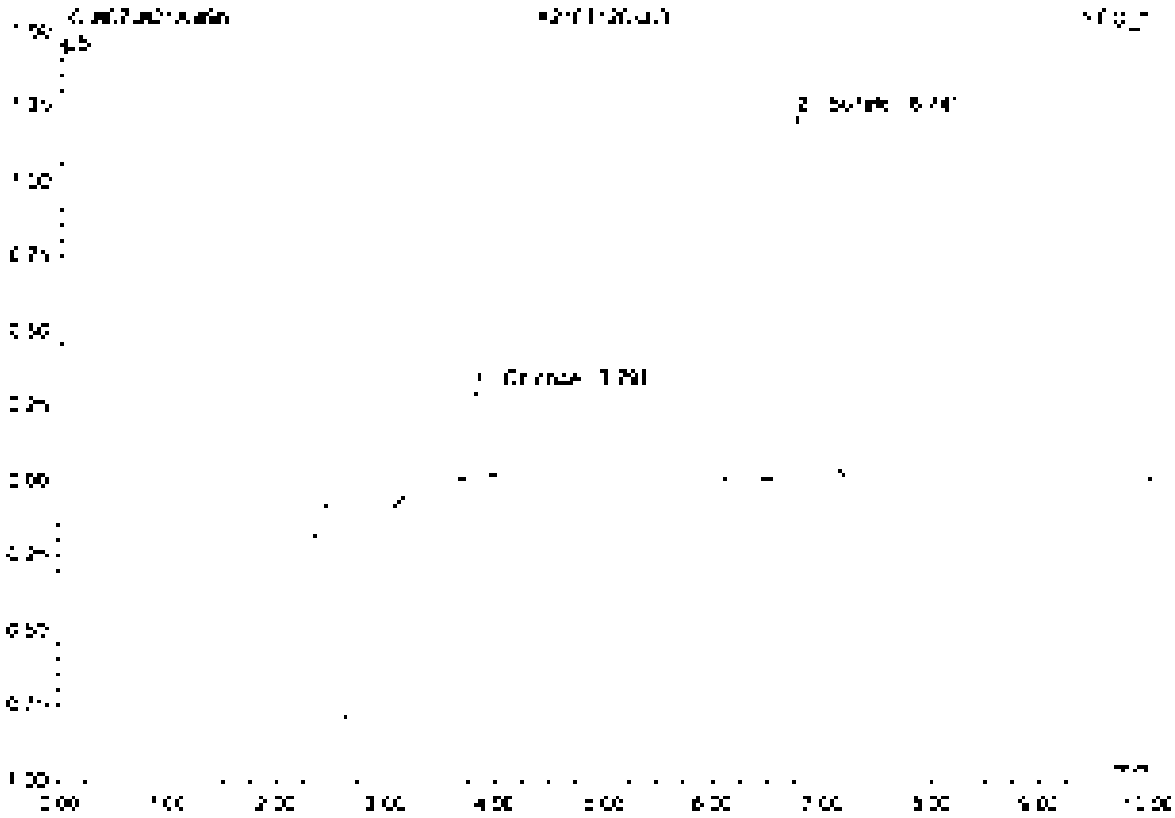


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.05	n.a.	0.105	1.365	58.87	n.a.	BMB
2	6.65	Sulfate	0.089	0.016	1.13	0.177	BMB
Total:			0.194	1.381	100.00	0.177	

96 K2107120-003

SO4 RERUN

Sample Name	K2107120-003	Injection Volume	25.0
Vial Number	13	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	20.0000
Processing Time	7/6/2021 1:5:47	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

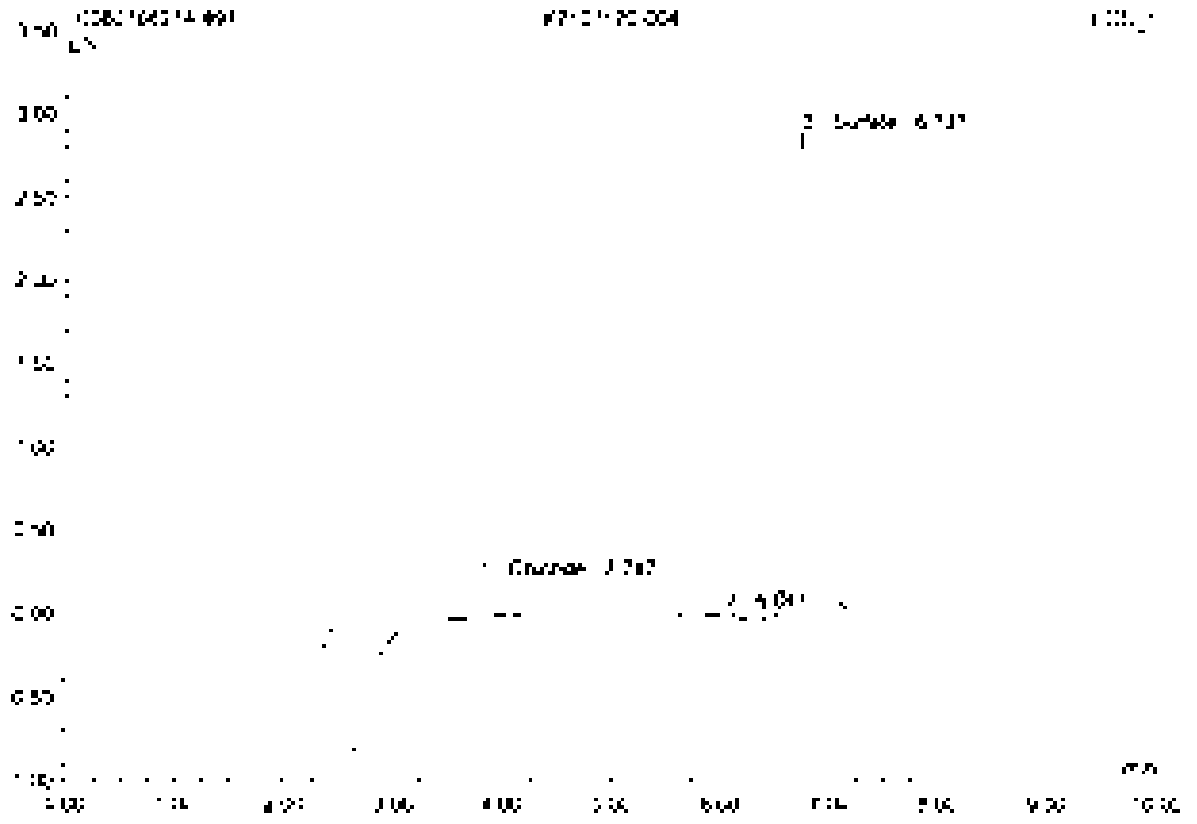


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	0.297	0.003	11.26	3.568	BMB
2	6.74	Sulfate	1.205	0.264	88.74	42.650	BMB
Total:			1.502	0.267	100.00	46.218	

97 K2107120-004

SO4 RERUN

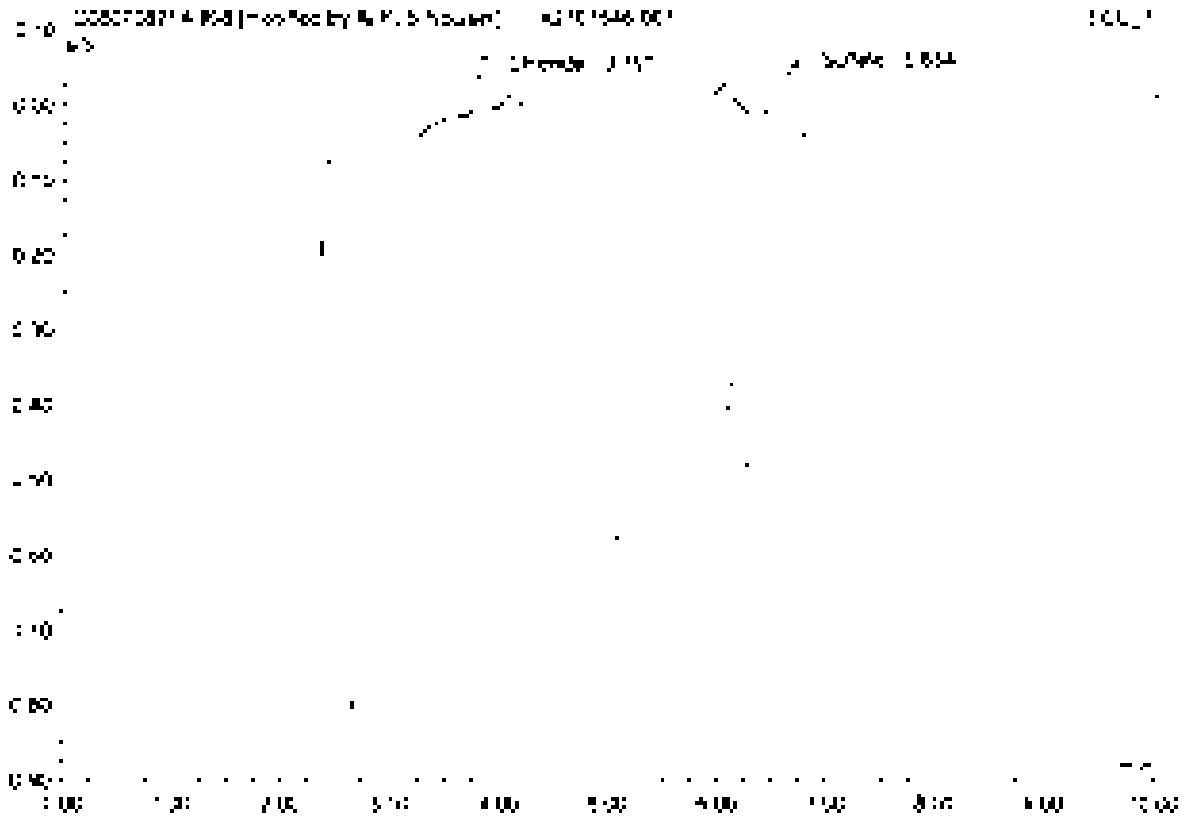
Sample Name	K2107120-004	Injection Volume	25.0
Vial Number	14	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Control Method	wpa300	Dilution Factor	200.0000
Recording Time	7/9/2021 15:58	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chloride	0.223	0.031	4.70	25.430	BMB
2	6.05	n.a.	0.059	0.008	1.29	n.a.	BMB
3	6.74	Sulfate	2.875	0.605	91.95	987.713	BMB
Total:			3.137	0.644	100.00	1018.153	

98 K2107548-001

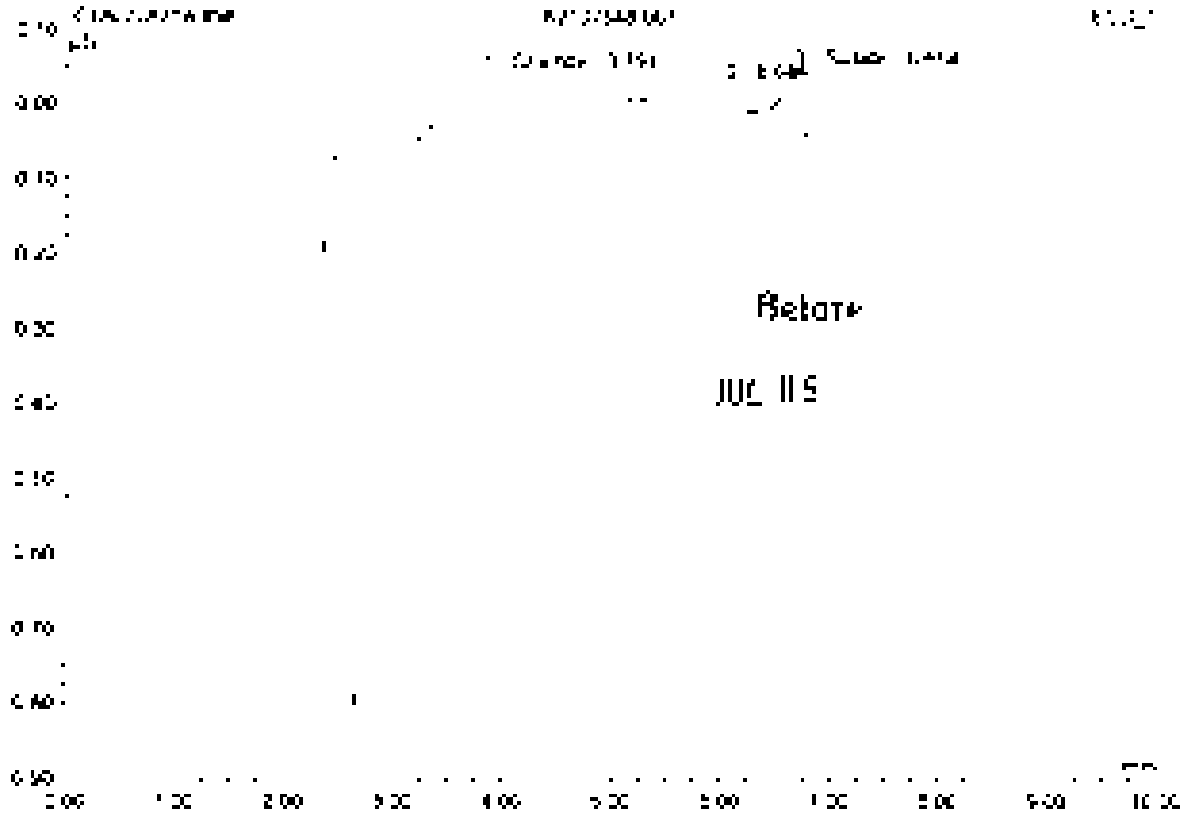
Sample Name	K2107548-001	Injection Volume	25.0
Run Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	7/8/2021 18:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.79	Chloride	0.049	0.005	35.57	0.062	BMB*
2	6.55	Sulfate	0.058	0.008	64.43	0.135	BMB*
Total:			0.107	0.014	100.00	0.198	

98 K2107548-001

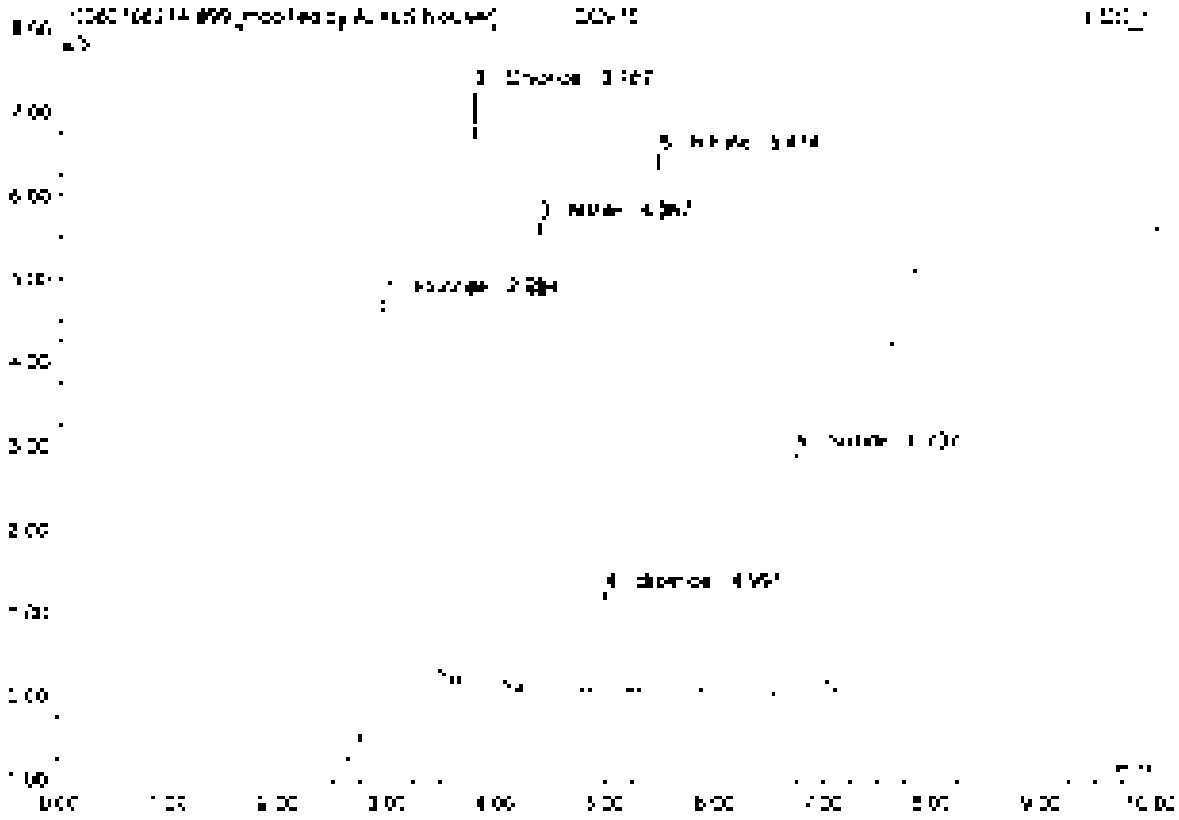
Sample Name	K2107548-001	Injection Volume	25.0
Vial Number	15	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Original Projects	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	7/8/2021 15:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chlordane	0.476	0.858	98.94	9.685	BV|U
2	6.04	n.a.	0.035	0.012	1.42	n.a.	bVe
3	6.65	Surface	0.080	0.014	1.65	0.231	bMB
Total:			0.591	0.865	100.00	9.916	

99 CCV10

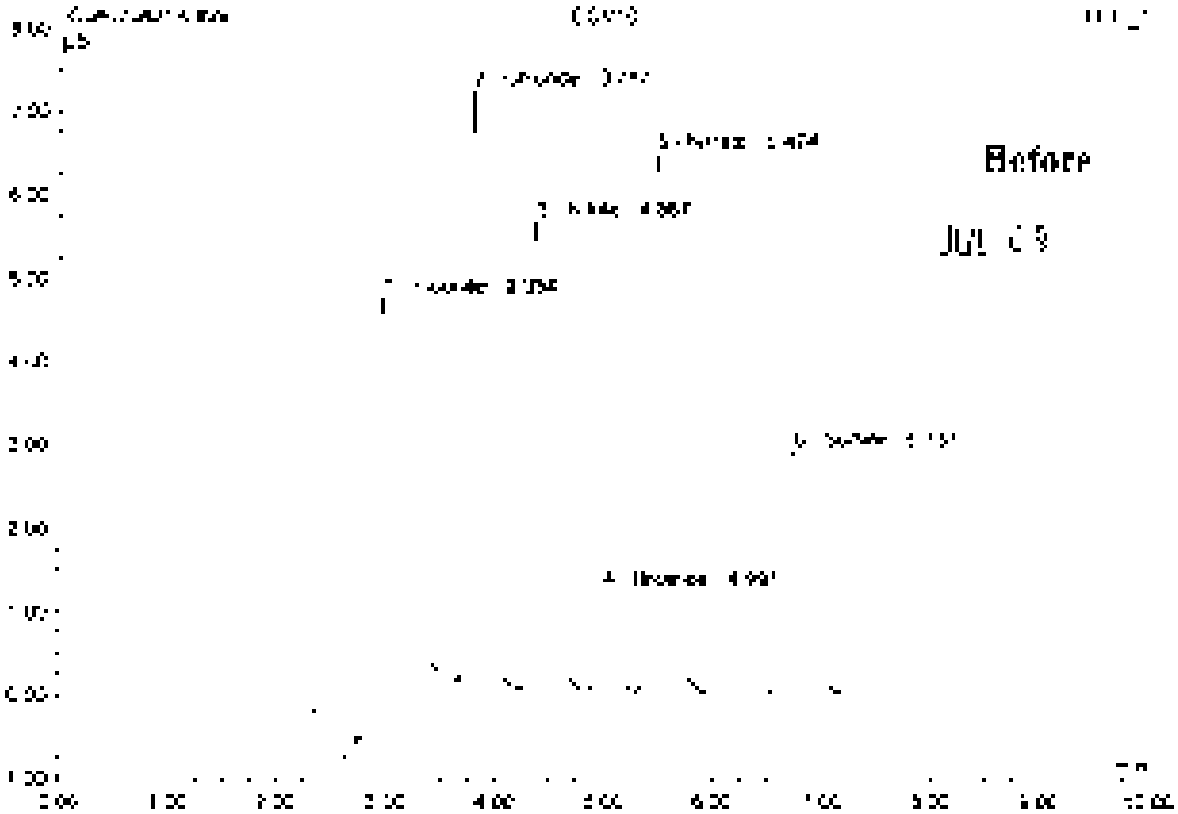
Sample Name	CCV10	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	7/8/2021 18:22	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	5.145	1.244	25.98	4.966	BV[illegible]
2	3.79	Chloride	7.103	0.834	17.41	4.817	BV[illegible]
3	4.37	Nitrite	5.522	0.885	18.48	2.497	BV[illegible]
4	4.93	Bromide	1.196	0.172	3.60	2.427	BV[illegible]
5	5.67	Nitrate	6.456	1.045	21.81	2.481	BV[illegible]
6	6.74	Sulfate	2.904	0.609	12.72	4.941	BV[illegible]
Total:			28.428	4.789	100.00	22.115	

99 CCV10

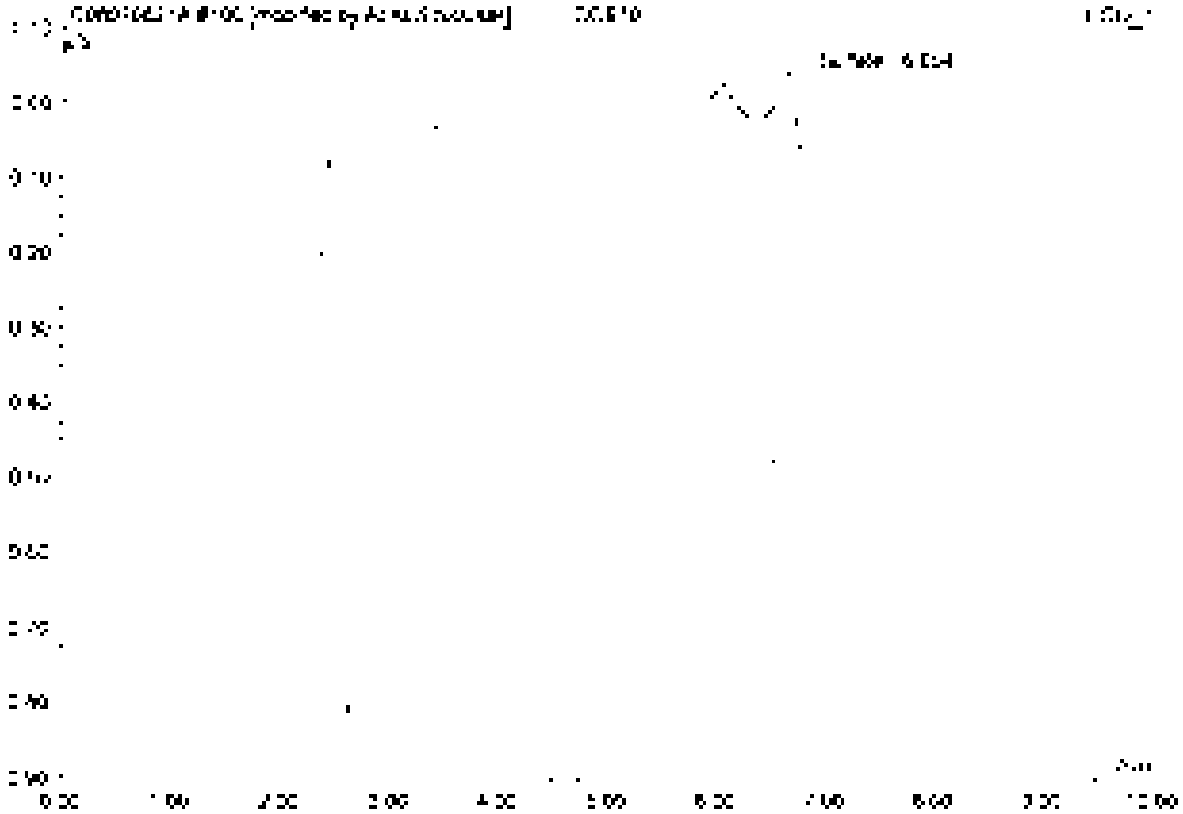
Sample Name	CCV10	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	7/8/2021 16:22	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	5.168	1.280	28.58	5.110	BMB
2	3.79	Chloride	7.102	3.834	17.27	42.17	BMB
3	4.34	Nitrite	5.622	3.585	18.33	2.427	BMB
4	4.99	Bromide	1.196	0.172	3.57	2.427	BMB
5	5.47	Nitrate	6.456	1.645	21.64	2.483	BMB
6	5.74	Sulfate	2.904	0.609	12.62	4.949	BMB
Total:			28.450	4.820	100.00	22.371	

100 CCB10

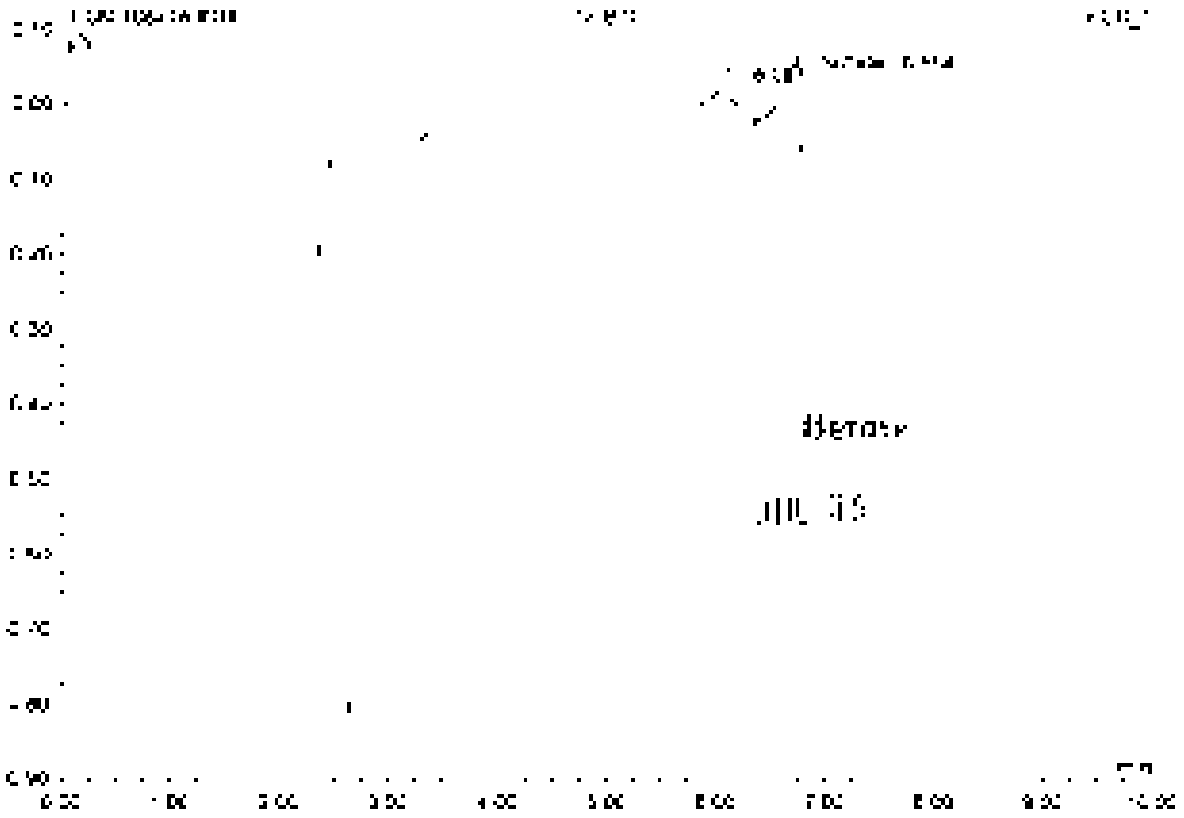
Sample Name	CCB10	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	7/8/2021 18:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.65	Surfate	0.035	0.007	100.00	0.060	BMP*
Total:			0.035	0.007	100.00	0.060	

100 CCB10

Sample Name	CCB10	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 15:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	RelTime min	Peak Name	Height µS	Area µS*min	RelArea %	Amount	Type
1	6.06	n.a.	0.109	1.059	98.82	n.a.	BMB
2	6.65	S_Tetr	0.091	0.015	1.18	0.02	bMB
Total			0.159	1.075	100.00	0.02	

Metals

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

Preparation Information Benchsheet

Prep Run:	301043	**Prep Workflow**	HcDigAqMS	**Status**	Prepped	**Prep Date**	[illegible]
Team	Metals	**Prep Method**	EPA CLP ILM04.0	**Current Step:**	Digestion	**Due Date**	[illegible]
Analyst	[illegible]	**Rush/NPDES**	N/A			**Hold Date**	[illegible]

[illegible]

14 Total Samples consisting of 10 Client Samples, 2 Client QC Samples, 2 Batch QC Samples associated with the current Prep Run

Spiking Solutions

Name	Type	ID	Expires	Name	Type	ID	Expires
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Materials

Step	Name	ID	Step	Name	ID
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			

Preparation Hardware / Equipment

Step	Name	Property	Value	Step	Name	Property	Value
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		

Preparation Steps

Step	Start	Finish	By	Automated	Duration	Comments
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Comments

[illegible]

Review

[illegible]

Preparation Information Benchsheet

Prep Run.	353543	**Prep Workflow:**	[illegible]	**Status**	Draft	**Prep Date**	06/22/2021 17:34
Team	[illegible]	**Prep Method.**	EPA CLP LC04.3	**Current Step.**	Operation	**Due Date**	[illegible]
Analyst	[illegible]	**Rush/NPDES**	N/A			**Hold Date**	[illegible]

24 Total Samples consisting of: 10 Client Samples, 2 Client QC Samples, 2 Batch QC Samples associated with this current Prep Run

ICP/MS LCSW AND SPIKING SOLUTIONS

5.00mL to 500mL Dilution of Inorganics Venture QCP-CICV-1
Lot# 1/100 QCP-CICV-1

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Al	10000	100
Ba	10000	100
Co	2500	25
Mn	2500	25
Ni	2500	25
V	2500	25
Zn	2500	25
Cu	1250	12.5
Ag	1250	12.5
Cr	1000	10
Be	250	2.5

0.1mL to 100mL Dilution of 1000ppm Sb
Lot# 1ug/mL Sb

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Sb	1000	10

5.00mL to 500mL Dilution of Inorganics Venture QCP-CICV-2
Lot# 1/100 QCP-CICV-2

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
As	5000	50
Pb	5000	50
Se	5000	50
Tl	5000	50
Cd	2500	25

0.5mL to 100mL Dilution of 1000 ppm Mo and 1000 ppm U
Lot# Mo/U 5ppm

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Mo	5000	25
U	5000	25

Service Request # K2107417, K2107120, K2107118, K2107119
Calibration: 072321CICPMS08
ALS LIMS Run# 732[illegible]
Pipette IDs: 16006318, 19070665, 18010244
Pipette Check Due: 08/19/21
Cal Std. MS28-33-I
ICV Std: MS28-32-B
LLICV Std: MS28-33-J
I.S Solution: MS27-100-E
Tune Std: MS28-3-A
ICSA: MS28-32-D
ICSAB: MS28-32-E

ICP-MS Data Review Form

		Yes	No	NA
1	Appropriate standardization completed	X		
2	ICV in control (+/- 10%)	X		
3	CCV s in control (+/- 10%)	X		
4	ICB/CCB s below MRL	X		
5	LLICV standard analyzed and in control	X		
6	ICS standards within 20% of true value			X
6	All analytes within instrument linear range	X		
7	Acequate rinse out time allowed	X		
8	Internal standards in control	X		
9.	Interferences checked	X		
10	Was the run terminated? If so, why		X	

See Benchsheet exception report for sample batch QC information.
Comments [illegible]

Prep Batches [illegible]

Primary Review by [illegible] Date [illegible]

Secondary Review by [illegible] Date [illegible]

Data Review Form

Instrument ID# K-ICP-MS-06

DataFile Name. R:\ICPMS\DATA\K-ICP-MS-06 [Agilent 7500]\072321C.csv

RUN NO. 732436

K2107118

No exceptions to report.

K2107119

No exceptions to report.

K2107120

No exceptions to report.

K2107417

No exceptions to report.

Primary Approver

Secondary Approver.

	Sample								
		Type	Data File	Acq. Date-Time	Type	Level	Sample Name	Comment	Vial No
1			001SMPL	2021 07 23 5 17 10 PM	Sample		[illegible]		2
2			002SMPL	2021 07 23 6 19 02 PM	Sample		[illegible]		1
3			003CALB	2021 07 23 6 20 24 PM	CalBlk		Blank		1
4			004CAL2	2021 07 23 6 21 46 PM	CalStd	2	Std2		2
5			005 CV4	2021 07 23 5 23 38 PM	CV		CV		2101
6			006 CCV	2021 07 23 6 24 12 PM	CCV		CCV		2
7			007 [illegible]	2021 07 23 6 25 34 PM	[illegible]		[illegible]		1
8			008 CCB	2021 07 23 6 27 12 PM	CCB		CCB		1
9			009 CV 2	2021 07 23 6 28 47 PM	CV		CV		2102
10			010 CSA d	2021 07 23 6 30 03 PM	CSA		CSA		2103
11			011 CSB d	2021 07 23 6 31 25 PM	CSB		CSAB		2104
12			012SMPL	2021 07 23 6 32 47 PM	Sample		MDSTD		2105
13			013SMPL	2021 07 23 6 34 20 PM	Sample		K210741 [illegible]	0.1CX	1402
14			014SMPL	2021 07 23 6 35 43 PM	Sample		K210741 008	0.1CX	1403
15			015SMPL	2021 07 23 6 37 06 PM	Sample		K210741 009	0.1CX	1404
16			016SMPL	2021 07 23 6 38 26 PM	Sample		K210741 010	0.1CX	1405
17			017SMPL	2021 07 23 6 39 48 PM	Sample		K210741 007	1CX	1406
18			018SMPL	2021 07 23 6 41 10 PM	Sample		K210741 008	10X	1407
19			019SMPL	2021 07 23 6 42 31 PM	Sample		K210741 015	10X	1408
20			020SMPL	2021 07 23 6 43 54 PM	Sample		K210741 016	10X	1409
21			021SMPL	2021 07 23 6 45 17 PM	Sample		K210741 019	10X	1410
22			022SMPL	2021 07 23 6 46 39 PM	Sample		K210741 020	10X	1411
23			023 CCV	2021 07 23 6 48 03 PM	CCV		CCV		2
24			024 CCB	2021 07 23 6 49 25 PM	CCB		CCB		1
25			025 [illegible]	2021 07 23 6 51 12 PM	CCB		CCB		1
26			026 CCV	2021 07 23 6 52 10 PM	CCV		CCVW		2102
27			027 [illegible] d	2021 07 23 6 53 03 PM	[illegible]		CCVW 2A		2202
28			028SMPL	2021 07 23 6 55 56 PM	Sample		K210741 [illegible]	10X Total Metals S	1412
29			029SMPL	2021 07 23 6 56 44 PM	Sample		K210741 [illegible]	10X Total Metals S	1501
30			030SMPL	2021 07 23 [illegible] PM	Sample		K210741 [illegible]	10X Dissolved Bal	1502
31			031SMPL	2021 07 23 [illegible] PM	Sample		K210741 016	10X Dissolved Bal	1503
32			032 CCV	2021 07 23 7 04 25 PM	CCV		CCV		2
33			033 CCB	2021 07 23 7 06 15 PM	CCB		CCB		1
34			034 [illegible]	2021 07 23 7 08 12 PM	[illegible]		[illegible]		1504
35			035 [illegible]	2021 07 23 7 10 04 PM	[illegible]		[illegible]		1505
36			036 [illegible]	2021 07 23 7 11 58 PM	[illegible]		[illegible]		1506
37			037 [illegible]	2021 07 23 7 13 50 PM	Dup		[illegible]		1507
38			038SMPL	2021 07 23 7 15 42 PM	Sample		K210720 001L	5X	1508
39			039 [illegible] d	2021 07 23 7 17 34 PM	PDS		K210720 001A	150ppb	1509
40			040 [illegible]	2021 07 23 7 19 25 PM	Spike		[illegible]		1510

	Sample								
	Type	Pos	Data File	Acq. Date-Time	Type	Level	Sample Name	Comment	Vial No.
41		1	0415MPL	2021/07/23 7:21:17 PM	Sample		K210[illegible]20 002		[illegible]
42		1	0425MPL	2021/07/23 7:23:47 PM	Sample		K210[illegible]20 003		[illegible]
43		1	0435MPL	2021/07/23 7:26:04 PM	Sample		K210[illegible]20 004		[illegible]
44		1	044 CCV	2021/07/23 7:28:27 PM	CCV		CCV		2
45		1	045 CCB	2021/07/23 7:30:49 PM	CCB		CCB		1
46		1	0465MPL	2021/07/23 7:33:13 PM	Sample		K210[illegible]20 001	D	3102
47		1	0475MPL	2021/07/23 7:35:34 PM	Sample		K210[illegible]20 002	D	3103
48		1	0485MPL	2021/07/23 7:37:56 PM	Sample		K210[illegible]20 003	D	3104
49		1	0495MPL	2021/07/23 7:40:20 PM	Sample		K210[illegible]20 004	D	3105
50		1	0505MPL	2021/07/23 7:42:42 PM	Sample		K210[illegible]20 005	100X	3107
51		1	0515MPL	2021/07/23 7:45:04 PM	Sample		K210[illegible]20 000	D 100X	3108
52		1	052 CCV	2021/07/23 7:47:28 PM	CCV		CCV		2
53		1	053 CCB	2021/07/23 7:49:50 PM	CCB		CCB		1
54		1	0541CCV	2021/07/23 7:52:14 PM	LCCCVW		LCCCVW		2102
55		1	055 LCCVW 2	2021/07/23 7:54:37 PM	LCCVW		LCCCVW 2		2103
56		1	056 PB 0	2021/07/23 7:57:00 PM	PB		K2211456 01		3109
57			057 LCS 0	2021/07/23 7:59:23 PM	LCS		K2211456 02		3110
58		1	058 AHK 2	2021/07/23 8:01:45 PM	AHK		K210[illegible]18 001	D	3111
59		1	059 Dup 0	2021/07/23 8:04:08 PM	Dup		K2211456 03	D	3112
60		1	0605MPL	2021/07/23 8:06:30 PM	Sample		K210[illegible]18 001L	D 5X	3201
61		1	061 FDS 4	2021/07/23 8:08:52 PM	FDS		K210[illegible]18 001A	D + 50µg/L	3202
62		1	062 SPK 4	2021/07/23 8:11:14 PM	Spike		K2211456 04	D	3203
63		1	0635MPL	2021/07/23 8:13:37 PM	Sample		K210[illegible]18 002	D	3204
64		1	0645MPL	2021/07/23 8:15:59 PM	Sample		K210[illegible]18 003	D	3205
65		1	0655MPL	2021/07/23 8:18:21 PM	Sample		K210[illegible]18 004	D	3206
66		1	066 CCV	2021/07/23 8:20:43 PM	CCV		CCV		2
67		1	067 CCB	2021/07/23 8:23:05 PM	CCB		CCB		1
68		1	0685MPL	2021/07/23 8:25:28 PM	Sample		K210[illegible]18 005	D	3207
69		1	0695MPL	2021/07/23 8:27:51 PM	Sample		K210[illegible]18 006	D	3208
70		1	0705MPL	2021/07/23 8:30:13 PM	Sample		K210[illegible]18 007	D	3209
71		1	0715MPL	2021/07/23 8:32:36 PM	Sample		K210[illegible]18 008	D	3210
72		1	0725MPL	2021/07/23 8:34:58 PM	Sample		K210[illegible]18 009	D	3211
73		1	0735MPL	2021/07/23 8:37:20 PM	Sample		K210[illegible]18 010	D	3212
74		1	0745MPL	2021/07/23 8:39:42 PM	Sample		K210[illegible]18 001		3301
75		1	0755MPL	2021/07/23 8:42:04 PM	Sample		K210[illegible]18 002		3302
76		1	0765MPL	2021/07/23 8:44:26 PM	Sample		K210[illegible]18 003		3303
77		1	0775MPL	2021/07/23 8:46:48 PM	Sample		K210[illegible]18 004		3304
78		1	078 CCV	2021/07/23 8:49:11 PM	CCV		CCV		2
79		1	079 CCB	2021/07/23 8:51:34 PM	CCB		CCB		1
80		1	0805MPL	2021/07/23 8:53:57 PM	Sample		K210[illegible]18 005		3305

	Sample								
		Rpt	Data File	Acq Date-Time	Type	Level	Sample Name	Comment	Vol Inj
81			0813SMPL	2021 07 23 8:56:19 PM	Sample		K210715-006		3306
82			0825SMPL	2021 07-23 8:58:41 PM	Sample		K210715-007		3307
83			0835SMPL	2021 07-23 9:01:03 PM	Sample		K210715-008		3308
84			0845SMPL	2021 07-23 9:03:25 PM	Sample		K210715-009		3309
85			0855SMPL	2021 07-23 9:05:47 PM	Sample		K210715-010		3310
86			0865SMPL	2021 07-23 9:08:12 PM	Sample		K210715-004	LIMIX	3312
87			0875SMPL	2021 07-23 9:10:35 PM	Sample		K210715-005	LIMIX	3313
88			0885SMPL	2021 07-23 9:12:57 PM	Sample		K210715-004	ICX	3314
89			0895SMPL	2021 07-23 9:15:19 PM	Sample		K210715-006	ICX	3315
90			090 CCV	2021 07-23 9:17:42 PM	CCV		CCV		2
91			091 CCB	2021 07-23 9:20:08 PM	CCB		CCB		-
92			092LCCV	2021 07-23 9:22:27 PM	LLCCV		LLCCVW		2202
93			093 CCV	2021 07-23 9:24:51 PM	CCV		LLCCVW 2a		2202
94			094 PB	2021 07-23 9:27:15 PM	PB		K021 1457-01		3404
95			095 ICS	2021 07-23 9:29:37 PM	ICS		K021 1457-02		3405
96			096 Arsenic	2021 07-23 9:31:59 PM	Arsenic		K210715-007		3406
97			097 Zinc	2021 07-23 9:34:21 PM	Zinc		K021 1457-03		3407
98			098SMPL	2021 07-23 9:36:41 PM	Sample		K210715-007	5X	3408
99			099 PDS	2021 07-23 9:39:05 PM	PDS		K210715-001A	4.500pc	3409
100			100 SPIKE	2021 07-23 9:41:27 PM	Spike		K021 1457-04		3410
101			101SMPL	2021 07-23 9:43:49 PM	Sample		K210715-002		3411
102			102SMPL	2021 07-23 9:46:11 PM	Sample		K210715-003		3412
103			103SMPL	2021 07-23 9:48:35 PM	Sample		K210715-004		3413
104			104 CCV	2021 07-23 9:50:58 PM	CCV		CCV		2
105			105 CCB	2021 07-23 9:53:20 PM	CCB		CCB		-
106			106 CCB	2021 07-23 9:55:42 PM	CCB		CCB		-
107			107SMPL	2021 07-23 9:58:07 PM	Sample		K210715-005		3417
108			108SMPL	2021 07-23 10:00:28 PM	Sample		K210715-006		3503
109			109SMPL	2021 07-23 10:02:50 PM	Sample		K210715-007		3504
110			110SMPL	2021 07-23 10:05:12 PM	Sample		K210715-008		3505
111			111SMPL	2021 07-23 10:07:37 PM	Sample		K210715-009		3506
112			112SMPL	2021 07-23 10:09:58 PM	Sample		K210715-010		3507
113			113SMPL	2021 07-23 10:12:22 PM	Sample		K210715-007	D	3508
114			114SMPL	2021 07-23 10:14:44 PM	Sample		K210715-007	D	3509
115			115SMPL	2021 07-23 10:17:06 PM	Sample		K210715-009	D	3510
116			116SMPL	2021 07-23 10:19:28 PM	Sample		K210715-004	D	3511
117			117 CCV	2021 07-23 10:21:51 PM	CCV		CCV		2
118			118 CCB	2021 07-23 10:24:15 PM	CCB		CCB		-
119			119SMPL	2021 07-23 10:26:38 PM	Sample		K210715-006	D	3512
120			120SMPL	2021 07-23 10:29:01 PM	Sample		K210715-006	D	3513

Samples

121			[illegible]	[illegible]	[illegible]	Sample	[illegible]	[illegible]			[illegible]
122			[illegible]	[illegible]	[illegible]	Sample	[illegible]	[illegible]			[illegible]
123			[illegible]	[illegible]	[illegible]	Sample	[illegible]	[illegible]			[illegible]
124			[illegible]	[illegible]	[illegible]	Sample	[illegible]	[illegible]			[illegible]
125			[illegible]	[illegible]	[illegible]	CCV	CCV				7
126			[illegible]	[illegible]	[illegible]	CCB	CCB				1
127			[illegible]	[illegible]	[illegible]	CCB	CCB				-
128			[illegible]	[illegible]	[illegible]	LLCCV	LLCCVW				[illegible]
129			[illegible]	[illegible]	[illegible]	LLCCV	LLCCVW				[illegible]
130			[illegible]	[illegible]	[illegible]	QC1	LLCCVW 2A				[illegible]
131			[illegible]	[illegible]	[illegible]	QC1	LLCCVW 2A				[illegible]

Analyte

	Name	Mass	[illegible]	Line Mode	Units	Replicate
1	[illegible]	56	[illegible]	[illegible]	[illegible]	3
2	[illegible]	75	[illegible]	[illegible]	[illegible]	3
3	[illegible]	55	[illegible]	[illegible]	[illegible]	3
4	[illegible]	55	[illegible]	[illegible]	[illegible]	3
5	[illegible]	45		[illegible]		3
6	[illegible]	[illegible]		[illegible]		3
7	[illegible]	[illegible]		[illegible]		3

US EPA Tune Check Report

US EPA Tune Check Report

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]

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[illegible]

[illegible]

[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]		

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]		

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]		

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] [illegible]

Calibration Start Report

[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
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[illegible]	[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

Name	Value	Unit	Type/Model	Date	Cal Due
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

Name	Value	Type/Model	Date	Cal Due	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Initial Calibration Verification (ICV) Report

[illegible]

Name	Mass	RSD	Type	Conc	Units	Conc RSD	CPS	% Rec	QC Flag
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

[illegible]

Name	Mass	Type Mass	CPS	Conc Mass	Mass RSD	% Rec	QC Flag
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Continuing Calibration Verification (CCV) Report

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Initial Calibration Blank (ICB) Report

[illegible]

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Continuing Calibration Blank (CCB) Report

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Low Level Initial Calibration Verification (LLICV) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Prep Bank (PB) Report

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Laboratory Control Sample (LCS) Report

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Reference Sample Report

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Duplicate Sample Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Summary Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Compound	Rt	RRT	Response	Conc	Units	Conc. RSD	CPS	% Rec	QC Flag
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Compound	Rt	Response	CPS	Conc. RSD	Conc. Diff	% Rec	QC Flag
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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Reference Sample Report

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Post Digestion Spike Sample (PDS) Report

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Name	Value	Type Value	CPS	CPS RSD	Rel. Int.	% Rec	QC Flag
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Matrix Spike Sample (MS) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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QC [illegible] Table

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Name	Weight	Type	Conc	Units	Area Ratio	% Rec	QC Flag
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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Duplicate Sample Report

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Sample Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Sample Report

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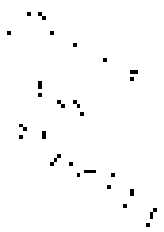

Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Service Request # K2107119 #2,4,8,10 Fe Dilutions.
K2107118 #10 Fe Dilution
Calibration. 080321AICPMS06
ALS LIMS Run# 733568
Pipette IDs: 16006318, 19070685, 18010244
Pipette Check Due: 08/19/21
Cal Std: MS28-39-B
ICV Std: MS28-18-A
LLICV Std: MS28-39-C
I S Solution: MS27-100-E
Tune Std: MS28-3-A

ICSA: MS28-37-D
ICSAB: MS28-37-E

ICP-MS Data Review Form

		Yes	No	NA
1.	Appropriate standardization completed	X		
2.	ICV in control (+/- 10%)	X		
3	CCV's in control (+/- 10%)	X		
4	ICB/CCB's below MRL	X		
5.	LLICV standard analyzed and in control	X		
6.	ICS standards within 20% of true value	X		
6	All analytes within instrument linear range	X		
7	Adequate rinse out time allowed	X		
8	Internal standards in control	X		
9	Interferences checked	X		
10	Was the run terminated? if so, why		X	

See Benchsheet exception report for sample batch QC information
Comments

Prep Batches 381843, 381842

Primary Review by [illegible] Date [illegible]

Secondary Review by [illegible] Date [illegible]

Data Review Form

Instrument ID#	K-ICP-MS-06
DataFile Name	R:\ICP\WIP\DATA\K-ICP-MS-06 (Agilent 7800)\080321A.csv
RUNNO	733568

K2107116

No exceptions to report.

K2107119

No exceptions to report.

Primary Approver _____ _____

Secondary Approver _____ _____

Page 1 of 1

Sample

	Type	Rpt	Data File	Acq. Date-Time	Type	Sample Name	Comment	Vial Number
1			001CALB	2021-08-03 12:02:24 PM	CalBlk	PB MB 4		2
2			002CALB	2021-08-03 12:03:39 PM	CalBlk	4 MSL		1
3			003CALB	2021-08-03 12:04:55 PM	CalBlk	Blank		1
4			004CALS	2021-08-03 12:06:11 PM	CalStd	25ppb		2
5			005 ICV 0	2021-08-03 12:07:28 PM	ICV	ICV		2101
6			006 ICV	2021-08-03 12:08:45 PM	ICV	ICV		2
7			007 ICB 0	2021-08-03 12:10:02 PM	ICB	ICB		1
8			008 ICB	2021-08-03 12:11:17 PM	ICB	ICB		1
9			009LICV 0	2021-08-03 12:12:34 PM	LICV	LICVW		2102
10			010CSA 0	2021-08-03 12:13:49 PM	ICSA	ICSA		2103
11			011CSB 0	2021-08-03 12:15:08 PM	ICSB	ICSB		2104
12			012SVPL	2021-08-03 12:16:17 PM	Sample	MC STD		2105
13			013SVPL	2021-08-03 12:27:12 PM	Sample	K210711904-02	10X	1101
14			014SVPL	2021-08-03 12:28:26 PM	Sample	K210711904-03	10X	1102
15			015SVPL	2021-08-03 12:29:43 PM	Sample	K210711904	10X	1103
16			016SVPL	2021-08-03 12:30:58 PM	Sample	K210711904	10X	1104
17			017SVPL	2021-08-03 12:32:12 PM	Sample	K210711904-005	10X	1105
18			018SVPL	2021-08-03 12:33:27 PM	Sample	K210711904-010	10X	1106
19			019SVPL	2021-08-03 12:34:43 PM	Sample	K210711904-010	10X	1108
20			020SVPL	2021-08-03 12:35:55 PM	Sample	K210711904-010	10X	1109
21			021SVPL	2021-08-03 12:37:08 PM	Sample	K210711904-010	10X	1110
22			022SVPL	2021-08-03 12:38:22 PM	Sample	K210711904-010	10X	1111
23			023 CCV	2021-08-03 12:41:18 PM	CCV	CCV		2
24			024 CCB	2021-08-03 12:42:34 PM	CCB	CCB		1
25			025 CCB	2021-08-03 12:43:50 PM	CCB	CCB		1
26			026LCCV	2021-08-03 12:47:06 PM	LCCV	LCCVW		2102
27			027LCCV	2021-08-03 12:48:45 PM	LCCV	LCCVW		2102

Analyte

	Name	Mass	STD	Type Mode	Units	Replicates
1	Fe	56	22	nm	ug/l	3
2	Sc	45		dep		3
3	Ge	72		hyp		3

US EPA Tune Check Report

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US EPA Tune Check Report

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Calibration Standard Report

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Initial Calibration Verification (ICV) Report

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Continuing Calibration Verification (CCV) Report

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Initial Calibration Blank (ICB) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Initial Calibration Verification (LLICV) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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ALS Group USA, Corp
1317 South 13th Avenue
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July 27, 2021

Analytical Report for Service Request No: K2107120

Jessica Goin
Anchor QEA, LLC
421 SW Sixth Ave.
Suite 750
Portland, OR 97204

RE: Grumman Road MNR

Dear Jessica,

Enclosed are the results of the sample(s) submitted to our laboratory June 18, 2021
For your reference, these analyses have been assigned our service request number **K2107120.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3376. You may also contact me via email at Mark.Harris@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Mark Harris
Project Manager

ALS Environmental
ALS Group USA, Corp
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Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Case Narrative

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1317 South 13th Ave, Kelso, WA 98626 | 1-360-577-7222 | www.alsglobal.com

Client: Anchor QEA, LLC
Project: Grumman Road MNR
Sample Matrix: Water

Service Request: K2107120
Date Received: 06/18/2021

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.

Sample Receipt:

Four water samples were received for analysis at ALS Environmental on 06/18/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

General Chemistry:

No significant anomalies were noted with this analysis.

Approved by _____ Date 07/27/2021

Chain of Custody

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ALS Environmental

CHAIN OF CUSTODY

PM: ____

Cooler Receipt and Preservation Form

Client [illegible] Service Request K21 ____

Received [illegible] Opened [illegible] By [illegible] Unpacked [illegible] By [illegible]

1 Samples received via? FedEx Priority Ovn DHL FDX (Courier) Hand Delivered

2 Samples received in cooler? (Cooler) Box Envelope Other N/A

3 Are custody seals on cooler? (N/A) Y N Are custody seals intact?

Were custody papers properly filled out? Y N If not, explain: Y N

4 Was temperature blank present in cooler? (N/A) Y N If yes, record its temperature in the space provided below:

If no, was the temperature of representative samples within the acceptable range (0-6°C)?

5 Were samples received at a temperature of 0-6°C? N/A Y N

Were samples received at ambient temperature (not frozen)? If no, record the cooler temp below and notify the PM. N/A Y N

If applicable, have samples been received Frozen Partially Thawed Thawed

Temp Blank	Sample Temp	IR Gun	Cooler #/COC ID/N/A	Out of temp acceptance with "X"	PM Notified if out of temp	Tracking Number/N/A	Filed
[illegible]		[illegible]					

6 Preservation Check: Septum (Bottom) Bubble Wrap Gel Pack (Wet Ice) Dry Ice Other

7 Were custody papers properly filled out? N/A Y N

8 Were samples received in good condition? N/A Y N

9 Were all sample labels complete and consistent on the chain? N/A Y N

10 Did all sample labels agree with the custody papers? N/A Y N

11 Were appropriate containers and volumes received for the tests indicated? N/A Y N

12 Were samples received within holding time (allowing for sampling on the receipt date)? N/A Y N

13 Were VOA vials received without headspace? Indicate in the table below. (N/A) Y N

14 Were 1/2 preservations? (N/A) Y N

Sample ID on Bottle	Sample ID on COC	Identified by:

Sample ID	Bottle Count Bottle Type	Head-space Broke	pH	Reagent	Volume added	Reagent Lot Number	Initials	Time

Notes, Discrepancies, Resolutions

General Chemistry

ALS Environmental—Kelso Laboratory
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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107120
Project:	Grumman Road MNR	**Date Collected:**	06/16/21
Sample Matrix:	Water	**Date Received:**	06/18/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Chloride

Sample Name	Lab Code	Result		MRL	MDL	Dil.	Date Analyzed	Q
GR_GWC_20_111	K2107120-001	**29.5**		2.0	0.2	20	07/09/21 03:33	
GR_GWC_20_211	K2107120-002	**29.4**		2.0	0.2	20	07/09/21 03:45	
GR_GWC_15_011	K2107120-003	**4.18**		0.20	0.02	2	07/09/21 15:12	
GR_GWC_20_011	K2107120-004	**29.2**		2.0	0.2	20	07/09/21 04:08	
Method Blank	K2107120-MB1	ND	U	0.10	0.007	1	07/08/21 20:23	
Method Blank	K2107120-MB2	ND	U	0.10	0.007	1	07/09/21 05:42	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107120
Project:	Grumman Road MNR	**Date Analyzed:**	07/08/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Chloride

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	730476

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2107120-LCS1	4.80	5.00	96	90-110
Lab Control Sample	K2107120-LCS2	4.91	5.00	98	90-110

Client: Anchor QEA, LLC **Service Request:** K2107120
Project: Grumman Road MNR

Continuing Calibration Verification (CCV) Summary

Chloride

Analysis Method: 300.0 **Units:** mg/L

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	730476	KQ2112751-01	07/08/21 19:48	5.00	4.81	96	90-110
CCV2	730476	KQ2112751-02	07/08/21 22:07	5.00	4.80	96	90-110
CCV3	730476	KQ2112751-03	07/09/21 00:27	5.00	4.81	96	90-110
CCV4	730476	KQ2112751-04	07/09/21 02:46	5.00	4.82	96	90-110
CCV5	730476	KQ2112751-05	07/09/21 05:06	5.00	4.81	96	90-110
CCV6	730476	KQ2112751-06	07/09/21 07:03	5.00	4.82	96	90-110
CCV7	730476	KQ2112751-07	07/09/21 09:11	5.00	4.84	97	90-110
CCV8	730476	KQ2112751-08	07/09/21 11:44	5.00	4.83	97	90-110
CCV9	730476	KQ2112751-09	07/09/21 15:24	5.00	4.81	96	90-110
CCV10	730476	KQ2112751-10	07/09/21 16:22	5.00	4.82	96	90-110
CCV11	730476	KQ2112751-11	07/09/21 09:23	5.00	4.83	97	90-110

Client: Anchor QEA, LLC **Service Request:**K2107120
Project: Grumman Road MNR

Continuing Calibration Blank (CCB) Summary
Chloride

Analysis Method: 300.0 **Units:**mg/L

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	730476	KQ2112751-12	07/08/21 20:00	0.10	0.007	ND	U
CCB2	730476	KQ2112751-13	07/08/21 22:19	0.10	0.007	ND	U
CCB3	730476	KQ2112751-14	07/09/21 00:38	0.10	0.007	ND	U
CCB4	730476	KQ2112751-15	07/09/21 02:58	0.10	0.007	ND	U
CCB5	730476	KQ2112751-16	07/09/21 05:18	0.10	0.007	ND	U
CCB6	730476	KQ2112751-17	07/09/21 07:15	0.10	0.007	ND	U
CCB7	730476	KQ2112751-18	07/09/21 09:34	0.10	0.007	ND	U
CCB8	730476	KQ2112751-19	07/09/21 11:57	0.10	0.007	ND	U
CCB9	730476	KQ2112751-20	07/09/21 15:35	0.10	0.007	ND	U
CCB10	730476	KQ2112751-21	07/09/21 16:34	0.10	0.007	ND	U

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107120
Project:	Grumman Road MNR	**Date Collected:**	06/16/21
Sample Matrix:	Water	**Date Received:**	06/18/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Sulfate

Sample Name	Lab Code	Result		MRL	MDL	Dil.	Date Analyzed	Q
GR_GWC_20_111	K2107120-001	**1030**		40	4	200	07/09/21 14:49	
GR_GWC_20_211	K2107120-002	**1390**		40	4	200	07/09/21 15:00	
GR_GWC_15_011	K2107120-003	**44.3**		0.40	0.04	2	07/09/21 15:12	
GR_GWC_20_011	K2107120-004	**983**		40	4	200	07/09/21 15:59	
Method Blank	K2107120-MB1	**0.05**	**J**	0.20	0.02	1	07/08/21 20:23	
Method Blank	K2107120-MB2	**0.05**	**J**	0.20	0.02	1	07/09/21 05:42	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107120
Project:	Grumman Road MNR	**Date Analyzed:**	07/08/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Sulfate

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	730476

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2107120-LCS1	4.94	5.00	99	90-110
Lab Control Sample	K2107120-LCS2	5.05	5.00	101	90-110

Client: Anchor QEA, LLC **Service Request:** K2107120
Project: Grumman Road MNR

Continuing Calibration Verification (CCV) Summary

Sulfate

Analysis Method: 300.0 **Units:** mg/L

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	730476	KQ2112751-01	07/08/21 19:48	5.00	5.04	101	90-110
CCV2	730476	KQ2112751-02	07/08/21 22:07	5.00	5.46	109	90-110
CCV3	730476	KQ2112751-03	07/09/21 00:27	5.00	5.06	101	90-110
CCV4	730476	KQ2112751-05	07/09/21 05:06	5.00	5.09	102	90-110
CCV5	730476	KQ2112751-07	07/09/21 09:11	5.00	5.14	103	90-110
CCV6	730476	KQ2112751-08	07/09/21 11:44	5.00	4.97	99	90-110
CCV7	730476	KQ2112751-09	07/09/21 15:24	5.00	4.95	99	90-110
CCV8	730476	KQ2112751-10	07/09/21 16:22	5.00	4.95	99	90-110
CCV9	730476	KQ2112751-11	07/09/21 09:23	5.00	4.96	99	90-110

Client: Anchor QEA, LLC **Service Request:**K2107120
Project: Grumman Road MNR

Continuing Calibration Blank (CCB) Summary
Sulfate

Analysis Method: 300.0 **Units:**mg/L

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	730476	KQ2112751-12	07/08/21 20:00	0.20	0.02	0.05	J
CCB2	730476	KQ2112751-13	07/08/21 22:19	0.20	0.02	0.05	J
CCB3	730476	KQ2112751-14	07/09/21 00:38	0.20	0.02	0.05	J
CCB4	730476	KQ2112751-16	07/09/21 05:18	0.20	0.02	0.05	J
CCB5	730476	KQ2112751-18	07/09/21 09:34	0.20	0.02	0.05	J
CCB6	730476	KQ2112751-19	07/09/21 11:57	0.20	0.02	0.05	J
CCB7	730476	KQ2112751-20	07/09/21 15:35	0.20	0.02	0.06	J
CCB8	730476	KQ2112751-21	07/09/21 16:34	0.20	0.02	0.06	J

Metals

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107120
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 18:50
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_111	**Basis:**	NA
Lab Code:	K2107120-001		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**3.02**	ug/L	0.50	0.09	1	07/23/21 19:33	06/25/21	
Iron	6020A	**10.5**	ug/L	2.0	0.3	1	07/23/21 19:33	06/25/21	
Molybdenum	6020A	**559**	ug/L	0.10	0.03	1	07/23/21 19:33	06/25/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107120
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 18:50
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_111	**Basis:**	NA
Lab Code:	K2107120-001		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**91.0**	ug/L	0.50	0.09	1	07/23/21 19:11	06/25/21	
Iron	6020A	**8020**	ug/L	2.0	0.3	1	07/23/21 19:11	06/25/21	
Molybdenum	6020A	**579**	ug/L	0.10	0.03	1	07/23/21 19:11	06/25/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107120
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 19:00
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_211	**Basis:**	NA
Lab Code:	K2107120-002		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**0.41**	ug/L	0.50	0.09	1	07/23/21 19:35	06/25/21	J
Iron	6020A	**95700**	ug/L	20	3	10	07/23/21 19:45	06/25/21	
Molybdenum	6020A	**0.59**	ug/L	0.10	0.03	1	07/23/21 19:35	06/25/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107120
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 19:00
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_211	**Basis:**	NA
Lab Code:	K2107120-002		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**223**	ug/L	0.50	0.09	1	07/23/21 19:21	06/25/21	
Iron	6020A	**197000**	ug/L	20	3	10	07/23/21 19:42	06/25/21	
Molybdenum	6020A	**513**	ug/L	0.10	0.03	1	07/23/21 19:21	06/25/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107120
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 17:15
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_011	**Basis:**	NA
Lab Code:	K2107120-003		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**249**	ug/L	0.50	0.09	1	07/23/21 19:37	06/25/21	
Iron	6020A	**452**	ug/L	2.0	0.3	1	07/23/21 19:37	06/25/21	
Molybdenum	6020A	**99.2**	ug/L	0.10	0.03	1	07/23/21 19:37	06/25/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107120
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 17:15
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_15_011	**Basis:**	NA
Lab Code:	K2107120-003		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**252**	ug/L	0.50	0.09	1	07/23/21 19:23	06/25/21	
Iron	6020A	**514**	ug/L	2.0	0.3	1	07/23/21 19:23	06/25/21	
Molybdenum	6020A	**96.6**	ug/L	0.10	0.03	1	07/23/21 19:23	06/25/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107120
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 17:30
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_011	**Basis:**	NA
Lab Code:	K2107120-004		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**245**	ug/L	0.50	0.09	1	07/23/21 19:40	06/25/21	
Iron	6020A	**346**	ug/L	2.0	0.3	1	07/23/21 19:40	06/25/21	
Molybdenum	6020A	**573**	ug/L	0.10	0.03	1	07/23/21 19:40	06/25/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107120
Project:	Grumman Road MNR	**Date Collected:**	06/16/21 17:30
Sample Matrix:	Water	**Date Received:**	06/18/21 12:30
Sample Name:	GR_GWC_20_011	**Basis:**	NA
Lab Code:	K2107120-004		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**252**	ug/L	0.50	0.09	1	07/23/21 19:26	06/25/21	
Iron	6020A	**361**	ug/L	2.0	0.3	1	07/23/21 19:26	06/25/21	
Molybdenum	6020A	**579**	ug/L	0.10	0.03	1	07/23/21 19:26	06/25/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107120
Project:	Grumman Road MNR	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2111458-01		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	0.50	0.09	1	07/23/21 19:08	06/25/21	
Iron	6020A	ND	U	ug/L	2.0	0.3	1	07/23/21 19:08	06/25/21	
Molybdenum	6020A	ND	U	ug/L	0.10	0.03	1	07/23/21 19:08	06/25/21	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107120
Project	Grumman Road MNR	**Date Collected:**	06/16/21
Sample Matrix:	Water	**Date Received:**	06/18/21
		Date Analyzed:	07/23/21

Replicate Sample Summary
Total Metals

Sample Name:	GR_GWC_20_111	**Units:**	ug/L
Lab Code:	K2107120-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2111458-03 Result	Average	RPD	RPD Limit
Arsenic	6020A	0.50	0.09	91.0	88.9	90.0	2	20
Iron	6020A	2.0	0.3	8020	7830	7930	2	20
Molybdenum	6020A	0.10	0.03	579	573	576	1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107120
Project:	Grumman Road MNR	**Date Collected:**	06/16/21
Sample Matrix:	Water	**Date Received:**	06/18/21
		Date Analyzed:	07/23/21
		Date Extracted:	06/25/21

Matrix Spike Summary
Total Metals

Sample Name:	GR_GWC_20_111	**Units:**	ug/L
Lab Code:	K2107120-001	**Basis:**	NA
Analysis Method:	6020A		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2111458-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	91.0	143	50.0	105	75-125
Iron	8020	7950	50.0	-139 #	75-125
Molybdenum	579	605	25.0	104 #	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107120
Project:	Grumman Road MNR	**Date Analyzed:**	07/23/21
Sample Matrix:	Water		

Lab Control Sample Summary
Total Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2111458-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6020A	49.6	50.0	99	80-120
Iron	6020A	49.1	50.0	98	80-120
Molybdenum	6020A	27.0	25.0	108	80-120

ALS Group USA, Corp.
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Prep Summary Report

Client: Anchor QEA, LLC **Service Request:** K2107120
Project: Grumman Road MNR
Sample Matrix: Water

Metals

Prep Method: EPA CLP ILM04.0 **Extraction Lot:** 381844
Analytical Method: 6020A **Extraction Date:** 06/25/21 10:33

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Amount	Percent Solids
GR_GWC_20_111	K2107120-001	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_20_211	K2107120-002	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_15_011	K2107120-003	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_20_011	K2107120-004	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_20_111	K2107120-001	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_20_211	K2107120-002	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_15_011	K2107120-003	6/16/21	6/18/21	10 mL	10 mL	
GR_GWC_20_011	K2107120-004	6/16/21	6/18/21	10 mL	10 mL	
Method Blank	KQ2111458-01MB	NA	NA	10 mL	10 mL	
Lab Control Sample	KQ2111458-02LCS	NA	NA	10 mL	10.3 mL	
Duplicate	KQ2111458-03DUP	6/16/21	6/18/21	10 mL	10 mL	
Matrix Spike	KQ2111458-04MS	6/16/21	6/18/21	10 mL	10.3 mL	

Client: Anchor QEA, LLC **Service Request:** K2107120
Project: Grumman Road MNR

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits
ICV 07/23/21 18:23						
Arsenic	6020A	732436	23.4	25.0	94	90-110
Iron	6020A	732436	47.8	50.0	96	90-110
Molybdenum	6020A	732436	24.3	25.0	97	90-110
CCV 07/23/21 18:24						
Arsenic	6020A	732436	25.0	25.0	100	90-110
Iron	6020A	732436	248	250	99	90-110
Molybdenum	6020A	732436	12.7	12.5	102	90-110
CCV 07/23/21 18:48						
Arsenic	6020A	732436	25.4	25.0	102	90-110
Iron	6020A	732436	253	250	101	90-110
Molybdenum	6020A	732436	12.7	12.5	102	90-110
CCV 07/23/21 19:04						
Arsenic	6020A	732436	24.7	25.0	99	90-110
Iron	6020A	732436	246	250	98	90-110
Molybdenum	6020A	732436	12.6	12.5	101	90-110
CCV 07/23/21 19:28						
Arsenic	6020A	732436	25.3	25.0	101	90-110
Iron	6020A	732436	247	250	99	90-110
Molybdenum	6020A	732436	13.1	12.5	105	90-110
CCV 07/23/21 19:47						
Arsenic	6020A	732436	25.9	25.0	104	90-110
Iron	6020A	732436	248	250	99	90-110
Molybdenum	6020A	732436	12.7	12.5	102	90-110

Client: Anchor QEA, LLC **Service Request:** K2107120
Project: Grumman Road MNR

INITIAL AND CONTINUING CALIBRATION BLANKS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	C
ICB 07/23/21 18:25				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	0.3	U
Molybdenum	6020A	732436	0.03	U
CCB 07/23/21 18:27				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	0.3	U
Molybdenum	6020A	732436	0.03	U
CCB 07/23/21 18:51				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	0.3	U
Molybdenum	6020A	732436	0.03	U
CCB 07/23/21 19:06				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	0.3	J
Molybdenum	6020A	732436	0.03	U
CCB 07/23/21 19:30				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	0.3	U
Molybdenum	6020A	732436	0.05	J
CCB 07/23/21 19:49				
Arsenic	6020A	732436	0.09	U
Iron	6020A	732436	0.3	U
Molybdenum	6020A	732436	0.03	U

Client: Anchor QEA, LLC **Service Request:** K2107120
Project: Grumman Road MNR

LOW LEVEL INITIAL AND LOW LEVEL CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
LLICV							
Arsenic	6020A	732436	0.45	0.5	90	70-130	07/23/21 18:28
Iron	6020A	732436	2.1	2.0	103	70-130	07/23/21 18:28
Molybdenum	6020A	732436	0.076	0.1	76	70-130	07/23/21 18:28
LLCCV							
Arsenic	6020A	732436	0.48	0.5	96	70-130	07/23/21 18:53
Iron	6020A	732436	2.0	2.0	98	70-130	07/23/21 18:53
Molybdenum	6020A	732436	0.11	0.1	113	70-130	07/23/21 18:53
LLCCV							
Arsenic	6020A	732436	0.51	0.5	101	70-130	07/23/21 19:52
Iron	6020A	732436	2.2	2.0	109	70-130	07/23/21 19:52
Molybdenum	6020A	732436	0.11	0.1	107	70-130	07/23/21 19:52

Client: Anchor QEA, LLC **Service Request:** K2107120
Project: Grumman Road MNR

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSA **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Arsenic	6020A	732436	0.17	-	-	-	07/23/21 18:30
Iron	6020A	732436	46500	-	-	-	07/23/21 18:30
Molybdenum	6020A	732436	52.6	-	-	-	07/23/21 18:30

Client: Anchor QEA, LLC **Service Request:** K2107120
Project: Grumman Road MNR

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSAB **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Arsenic	6020A	732436	24.1	25.0	97	80-120	07/23/21 18:31
Iron	6020A	732436	47600	-	-	-	07/23/21 18:31
Molybdenum	6020A	732436	51.9	-	-	-	07/23/21 18:31

Client: Anchor QEA, LLC **Service Request:** K2107120
Project: Grumman Road MNR

POST SPIKE SAMPLE RECOVERY

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Post Spike Result	True Value	% Rec	% Rec. Limits	Analysis Date
K2107120-001A								
Arsenic	6020A	732436	91.0	141	50.0	100	80-120	07/23/21 19:17
Iron	6020A	732436	8020	8050	50.0	58 #	80-120	07/23/21 19:17
Molybdenum	6020A	732436	579	611	50.0	65 #	80-120	07/23/21 19:17

Results flagged with a pound (#) indicate the control criteria is not applicable.

Client: Anchor QEA, LLC **Service Request:** K2107120
Project: Grumman Road MNR

ICP SERIAL DILUTIONS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Serial Dillution Result	% Diff	% Diff. Limit	Analysis Date
K2107120-001SDL							
Arsenic	6020A	732436	91.0	91.0	0	10	07/23/21 19:15
Iron	6020A	732436	8020	8140	1	10	07/23/21 19:15
Molybdenum	6020A	732436	579	558	4	10	07/23/21 19:15

Client: Anchor QEA, LLC **Service Request:** K2107120
Project: Grumman Road MNR/

Detection Limits

Instrument: K-ICP-MS-06 **Matrix:** Water

Analyte	Mass	Units	MRL	MDL	Method
Arsenic	75	ug/L	0.5	0.09	6020A
Iron	56	ug/L	2	0.3	6020A
Molybdenum	95	ug/L	0.1	0.03	6020A

Client: Anchor QEA, LLC **Service Request:** K2107120
Project: Grumman Road MNR/

ICP Linear Range (Quarterly)

Instrument: K-ICP-MS-06

Analyte	Concentration (ug/L)	Method
Arsenic 75	4500	6020A
Iron 56	45000	6020A
Molybdenum 95	4500	6020A

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QA/QC Report

Client: Anchor QEA, LLC **Service Request:** K2107120
Project: Grumman Road MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
ZZZZZZ	1	07/23/21 18:20			
ZZZZZZ	1	07/23/21 18:21			
ICV	1	07/23/21 18:23	X	X	X
CCV	1	07/23/21 18:24	X	X	X
ICB	1	07/23/21 18:25	X	X	X
CCB	1	07/23/21 18:27	X	X	X
LLICVW	1	07/23/21 18:28	X	X	X
ICSA	1	07/23/21 18:30	X	X	X
ICSAB	1	07/23/21 18:31	X	X	X
ZZZZZZ	1	07/23/21 18:32			
ZZZZZZ	10	07/23/21 18:34			
ZZZZZZ	10	07/23/21 18:35			
ZZZZZZ	10	07/23/21 18:37			
ZZZZZZ	10	07/23/21 18:38			
ZZZZZZ	10	07/23/21 18:39			
ZZZZZZ	10	07/23/21 18:41			
ZZZZZZ	10	07/23/21 18:42			
ZZZZZZ	10	07/23/21 18:43			
ZZZZZZ	10	07/23/21 18:45			
ZZZZZZ	10	07/23/21 18:46			
CCV	1	07/23/21 18:48	X	X	X
ZZZZZZ	1	07/23/21 18:49			
CCB	1	07/23/21 18:51	X	X	X
LLCCVW	1	07/23/21 18:53	X	X	X
ZZZZZZ	1	07/23/21 18:55			
ZZZZZZ	10	07/23/21 18:56			
ZZZZZZ	10	07/23/21 18:58			
ZZZZZZ	10	07/23/21 19:00			
ZZZZZZ	10	07/23/21 19:02			
CCV	1	07/23/21 19:04	X	X	X
CCB	1	07/23/21 19:06	X	X	X
KQ2111458-01MB	1	07/23/21 19:08	X	X	X
KQ2111458-02LCS	1	07/23/21 19:10	X	X	X
K2107120-001	1	07/23/21 19:11	X	X	X
K2107120-001DUP	1	07/23/21 19:13	X	X	X
K2107120-001SDL	5	07/23/21 19:15	X	X	X
K2107120-001PS	1	07/23/21 19:17	X	X	X

Client: Anchor QEA, LLC **Service Request:** K2107120
Project: Grumman Road MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
K2107120-001MS	1	07/23/21 19:19	X	X	X
K2107120-002	1	07/23/21 19:21	X		X
K2107120-003	1	07/23/21 19:23	X	X	X
K2107120-004	1	07/23/21 19:26	X	X	X
CCV	1	07/23/21 19:28	X	X	X
CCB	1	07/23/21 19:30	X	X	X
K2107120-001	1	07/23/21 19:33	X	X	X
K2107120-002	1	07/23/21 19:35	X		X
K2107120-003	1	07/23/21 19:37	X	X	X
K2107120-004	1	07/23/21 19:40	X	X	X
K2107120-002	10	07/23/21 19:42		X	
K2107120-002	10	07/23/21 19:45		X	
CCV	1	07/23/21 19:47	X	X	X
CCB	1	07/23/21 19:49	X	X	X
LLCCVW	1	07/23/21 19:52	X	X	X
ZZZZZZ	1	07/23/21 19:54			
ZZZZZZ	1	07/23/21 19:57			
ZZZZZZ	1	07/23/21 19:59			
ZZZZZZ	1	07/23/21 20:01			
ZZZZZZ	1	07/23/21 20:04			
ZZZZZZ	5	07/23/21 20:06			
ZZZZZZ	1	07/23/21 20:08			
ZZZZZZ	1	07/23/21 20:11			
ZZZZZZ	1	07/23/21 20:13			
ZZZZZZ	1	07/23/21 20:15			
ZZZZZZ	1	07/23/21 20:18			
ZZZZZZ	1	07/23/21 20:20			
ZZZZZZ	1	07/23/21 20:23			
ZZZZZZ	1	07/23/21 20:25			
ZZZZZZ	1	07/23/21 20:27			
ZZZZZZ	1	07/23/21 20:30			
ZZZZZZ	1	07/23/21 20:32			
ZZZZZZ	1	07/23/21 20:34			
ZZZZZZ	1	07/23/21 20:37			
ZZZZZZ	1	07/23/21 20:39			
ZZZZZZ	1	07/23/21 20:42			
ZZZZZZ	1	07/23/21 20:44			

Client: Anchor QEA, LLC **Service Request:** K2107120
Project: Grumman Road MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Date/Time	Ge72He	In115He
ZZZZZZ	07/23/21 18:20		
ZZZZZZ	07/23/21 18:21		
ICV	07/23/21 18:23	102	100
CCV	07/23/21 18:24	98	99
ICB	07/23/21 18:25	101	100
CCB	07/23/21 18:27	98	100
LLICVW	07/23/21 18:28	99	100
ICSA	07/23/21 18:30	95	93
ICSAB	07/23/21 18:31	91	94
ZZZZZZ	07/23/21 18:32		
ZZZZZZ	07/23/21 18:34		
ZZZZZZ	07/23/21 18:35		
ZZZZZZ	07/23/21 18:37		
ZZZZZZ	07/23/21 18:38		
ZZZZZZ	07/23/21 18:39		
ZZZZZZ	07/23/21 18:41		
ZZZZZZ	07/23/21 18:42		
ZZZZZZ	07/23/21 18:43		
ZZZZZZ	07/23/21 18:45		
ZZZZZZ	07/23/21 18:46		
CCV	07/23/21 18:48	98	100
ZZZZZZ	07/23/21 18:49		
CCB	07/23/21 18:51	99	100
LLCCVW	07/23/21 18:53	102	100
ZZZZZZ	07/23/21 18:55		
ZZZZZZ	07/23/21 18:56		
ZZZZZZ	07/23/21 18:58		
ZZZZZZ	07/23/21 19:00		
ZZZZZZ	07/23/21 19:02		
CCV	07/23/21 19:04	102	100
CCB	07/23/21 19:06	98	99
KQ2111458-01MB	07/23/21 19:08	100	100
KQ2111458-02LCS	07/23/21 19:10	102	100
K2107120-001	07/23/21 19:11	93	93
K2107120-001DUP	07/23/21 19:13	95	94
K2107120-001SDL	07/23/21 19:15	97	98
K2107120-001PS	07/23/21 19:17	91	93

Client: Anchor QEA, LLC **Service Request:** K2107120
Project: Grumman Road MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Date/Time	Ge72He	In115He
K2107120-001MS	07/23/21 19:19	95	93
K2107120-002	07/23/21 19:21	91	89
K2107120-003	07/23/21 19:23	97	97
K2107120-004	07/23/21 19:26	95	95
CCV	07/23/21 19:28	102	102
CCB	07/23/21 19:30	99	99
K2107120-001	07/23/21 19:33	95	94
K2107120-002	07/23/21 19:35	90	91
K2107120-003	07/23/21 19:37	97	97
K2107120-004	07/23/21 19:40	97	95
K2107120-002	07/23/21 19:42	98	97
K2107120-002	07/23/21 19:45	96	97
CCV	07/23/21 19:47	97	99
CCB	07/23/21 19:49	96	99
LLCCVW	07/23/21 19:52	98	100
ZZZZZZ	07/23/21 19:54		
ZZZZZZ	07/23/21 19:57		
ZZZZZZ	07/23/21 19:59		
ZZZZZZ	07/23/21 20:01		
ZZZZZZ	07/23/21 20:04		
ZZZZZZ	07/23/21 20:06		
ZZZZZZ	07/23/21 20:08		
ZZZZZZ	07/23/21 20:11		
ZZZZZZ	07/23/21 20:13		
ZZZZZZ	07/23/21 20:15		
ZZZZZZ	07/23/21 20:18		
ZZZZZZ	07/23/21 20:20		
ZZZZZZ	07/23/21 20:23		
ZZZZZZ	07/23/21 20:25		
ZZZZZZ	07/23/21 20:27		
ZZZZZZ	07/23/21 20:30		
ZZZZZZ	07/23/21 20:32		
ZZZZZZ	07/23/21 20:34		
ZZZZZZ	07/23/21 20:37		
ZZZZZZ	07/23/21 20:39		
ZZZZZZ	07/23/21 20:42		
ZZZZZZ	07/23/21 20:44		

Raw Data

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
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General Chemistry

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	Yes	No	N/A
Sequence			
1. Holding times met for all samples analyzed?	[illegible]	[illegible]	[illegible]
2. Are blanks with no [illegible] in the [illegible]?			
3. Were peaks manually integrated?			[illegible]
a. Does [illegible] apply?	[illegible]		[illegible]
4. Are detector [illegible] correct?	[illegible]	[illegible]	
5. Are [illegible] acceptable?			[illegible]
a. Method blanks, LCVs, CCVs, LCSs, Dups and Spikes analyzed at the proper frequency?			
b. Are LCVs and LCSs within acceptance limits?	[illegible]		[illegible]
c. Are results [illegible] Method Blanks [illegible]?			
d. Are all QC samples within acceptance limits? (Exclude MS/MSD, Dup, Surr, PDS, etc.)	[illegible]	[illegible]	[illegible]
e. Are all [illegible] acceptable?		[illegible]	[illegible]
6. Are all samples [illegible]?	[illegible]		[illegible]

[illegible] Standard Operating Procedure and Approved Protocols for Chromatograms

G1. Sample was analyzed past the [illegible] recommended holding time. See Narrative for [illegible]
G2. Sample was [illegible] past the holding time [illegible] was performed within [illegible] recommended holding time
G4. Sample was [illegible] past the [illegible] recommended holding time
[illegible]
1. [illegible] because of matrix interferences and the sample required [illegible]
7. Sample [illegible]

LCS	[illegible]	[illegible]	[illegible]
Fluoride	True Value: [illegible]	[illegible]	
Chloride	True Value: [illegible]	[illegible]	
Nitrite	True Value: [illegible]	[illegible]	
Bromide	True Value: [illegible]	[illegible]	
Nitrate	True Value: [illegible]	[illegible]	
Sulfate	True Value: [illegible]	[illegible]	

LCV	[illegible]	[illegible]	[illegible]
Fluoride	True Value: [illegible]	[illegible]	
Chloride	True Value: [illegible]	[illegible]	
Nitrite	True Value: [illegible]	[illegible]	[illegible]
Bromide	True Value: [illegible]	[illegible]	
Nitrate	True Value: [illegible]	[illegible]	
Sulfate	True Value: [illegible]	[illegible]	

Spike			
200.00	[illegible]	[illegible]	[illegible]
Fluoride	[illegible]		
Chloride	[illegible]		
Nitrite	[illegible]		[illegible]
Bromide	[illegible]		
Nitrate	[illegible]		
Sulfate	[illegible]		

Prepared	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]		

Analyst: [illegible] Date: [illegible]

Final Review: [illegible] Date: [illegible]

Final Review: [illegible] Date: [illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analytical Batch: [illegible] Method/Testcode: [illegible]

Lab Code	Target Analyte	SDG	Parent Sample	Matrix	Raw Result	Sample Size	Final Result	DF	MDL	PQL	Qualifier	Sub-Qual	Date Analyzed	QC Type
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]

Analytical Results Summary

Instrument Number: [illegible] Analyte: [illegible] Analysis Date: [illegible] Method/Protocol: [illegible]

Lab Code	Target Analyte	DL	Parent Sample	Matrix	Raw Result	Sample Size	Final Result	Dil	MDL	RDL	% Rec	% RSD	Date Analyzed	DQ	Tier
[illegible]	Sulfate	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Chloride	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	
[illegible]	Nitrate as Nitrogen	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	
[illegible]	Sulfate	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Nitrate as Nitrogen	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Sulfate	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible] Rpt	Chloride	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Nitrate as Nitrogen	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Nitrate as Nitrogen	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Chloride	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Sulfate	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Nitrate as Nitrogen	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Chloride	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Sulfate	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Chloride	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Nitrate as Nitrogen	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Sulfate	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Chloride	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Nitrate as Nitrogen	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Sulfate	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Chloride	[illegible]		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Reference: [illegible]

Lab Code	Parent Analysis	QC	Parent Sample	Status	Raw Result	Sample Amt	Final Result	DF	MDL	RDL	Sample	Subset	Date Analyzed	QC?	Lab
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Reference: [illegible]

Lab Code	Tested Analyte	DL	Formal Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Lev
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: K. [illegible] Analysis Lot: [illegible] Method Reference: [illegible]

Lab Code	Target Analyte	DL	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DF	MDL	PQL	Q-Flag	Q-RSD	Date Analyzed	QC Type
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
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Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Testcode: [illegible]

Lab Code	Target Analyte	QC	Target Sample	Status	Raw Result	Sample Amt.	Final Result	DF	MDL	RDL	% Rec	% RSD	Date Analyzed	QC?	Test
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
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Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Template: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DF	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Lot
[illegible]	[illegible]	[illegible]	[illegible]	Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Test
Instrument [illegible]
Location [illegible]
Program [illegible]
Number [illegible]
Created [illegible]
Last Update [illegible]

No	Name	Type	Pos	Pr	Vol	Program	Method	Status	Date/Time
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2	[illegible]	Standard	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	Standard	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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7	[illegible]	Standard	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	Standard	8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	CCV1	Unknown	46	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10	CCB1	Unknown	47	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11	LCS1	Unknown	9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	MB1	Unknown	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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20	[illegible]	Unknown	10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21	CCV2	Unknown	48	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22	CCB2	Unknown	49	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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29	[illegible]	Unknown	17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	Unknown	18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31	[illegible]	Unknown	19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
32	[illegible]	Unknown	20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
33	CCV3	Unknown	50	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
34	CCB3	Unknown	51	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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54	[illegible]	Unknown	38	25.0	epa300	epa300	Finished	[illegible] AM
55	[illegible]	Unknown	39	25.0	epa300	epa300	Finished	[illegible] AM
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57	[illegible]	Unknown	41	25.0	epa300	epa300	Finished	[illegible] AM
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62	[illegible]	Unknown	46	25.0	epa300	epa300	Finished	[illegible] AM
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78	[illegible]	Unknown	62	25.0	epa300	epa300	Finished	[illegible] AM
79	[illegible]	Unknown	63	25.0	epa300	epa300	Finished	[illegible] AM
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81	[illegible]	Unknown	65	25.0	epa300	epa300	Finished	[illegible] AM
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© [illegible] Corporation [illegible]

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86	[illegible]	Unknown	5	25.0	epa300	epa300	Finished	[illegible]
87	[illegible]	Unknown	6	25.0	epa300	epa300	Finished	[illegible]
88	[illegible]	Unknown	7	25.0	epa300	epa300	Finished	[illegible]
89	[illegible]	Unknown	8	25.0	epa300	epa300	Finished	[illegible]
90	[illegible]	Unknown	9	25.0	epa300	epa300	Finished	[illegible]
91	[illegible]	Unknown	10	25.0	epa300	epa300	Finished	[illegible]
92	[illegible]	Unknown	11	25.0	epa300	epa300	Finished	[illegible]
93	[illegible]	Unknown	12	25.0	epa300	epa300	Finished	[illegible]
94	[illegible]	Unknown	13	25.0	epa300	epa300	Finished	[illegible]
95	[illegible]	Unknown	14	25.0	epa300	epa300	Finished	[illegible]
96	[illegible]	Unknown	15	25.0	epa300	epa300	Finished	[illegible]
97	[illegible]	Unknown	16	25.0	epa300	epa300	Finished	[illegible]
98	[illegible]	Unknown	17	25.0	epa300	epa300	Finished	[illegible]
99	[illegible]	Unknown	18	25.0	epa300	epa300	Finished	[illegible]
100	[illegible]	Unknown	19	25.0	epa300	epa300	Finished	[illegible]

Sample Number	Classification	Depth	1st Oil	2nd Oil	Recovery	Done
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[illegible]		[illegible]				✓
[illegible]	[illegible]	[illegible]				✓
[illegible]		[illegible]	[illegible]			✓
[illegible]		[illegible]	[illegible]			✓
[illegible]	[illegible]	[illegible]	[illegible]			✓
[illegible]		[illegible]	[illegible]			✓
[illegible]		[illegible]	[illegible]			✓
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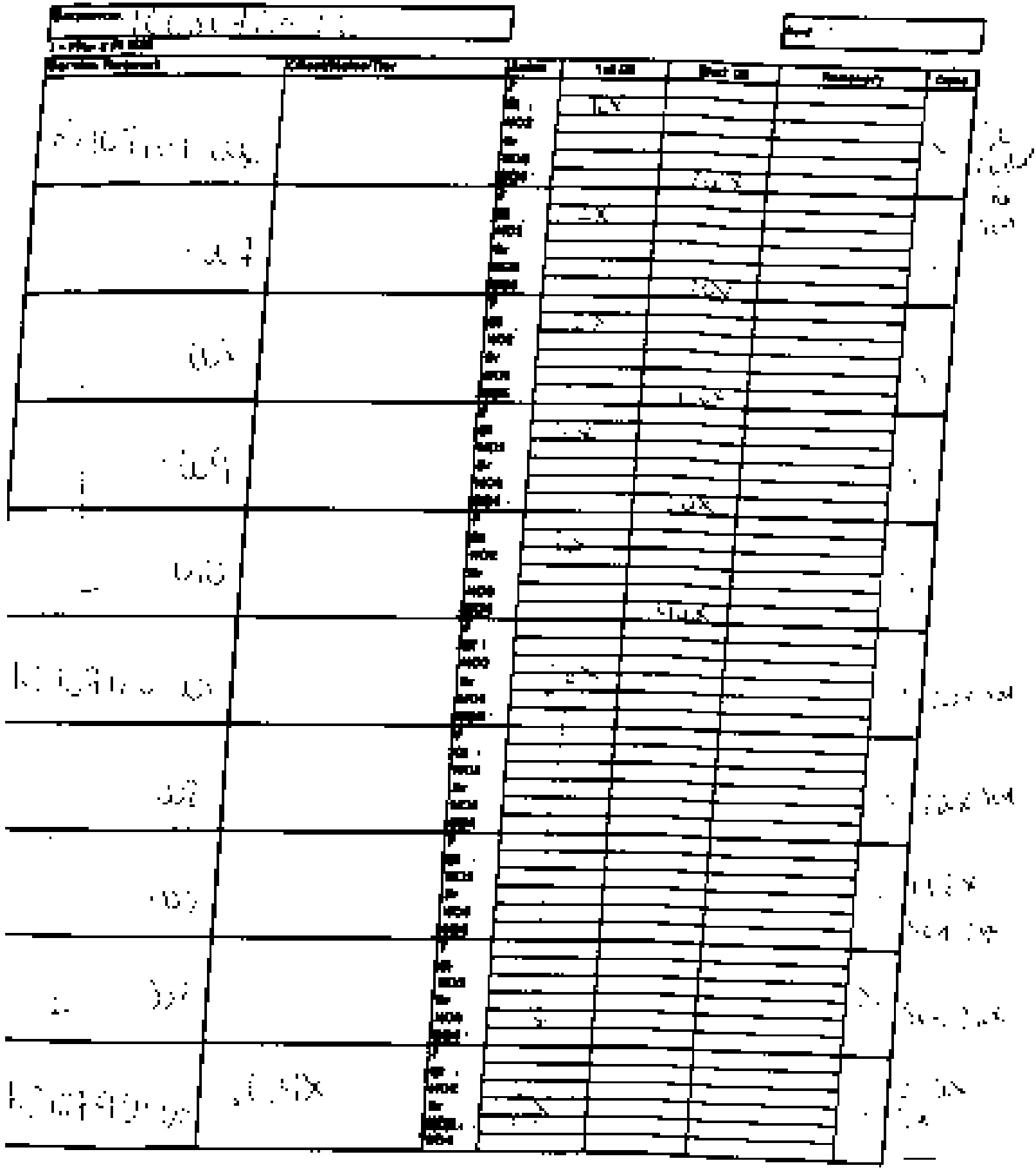


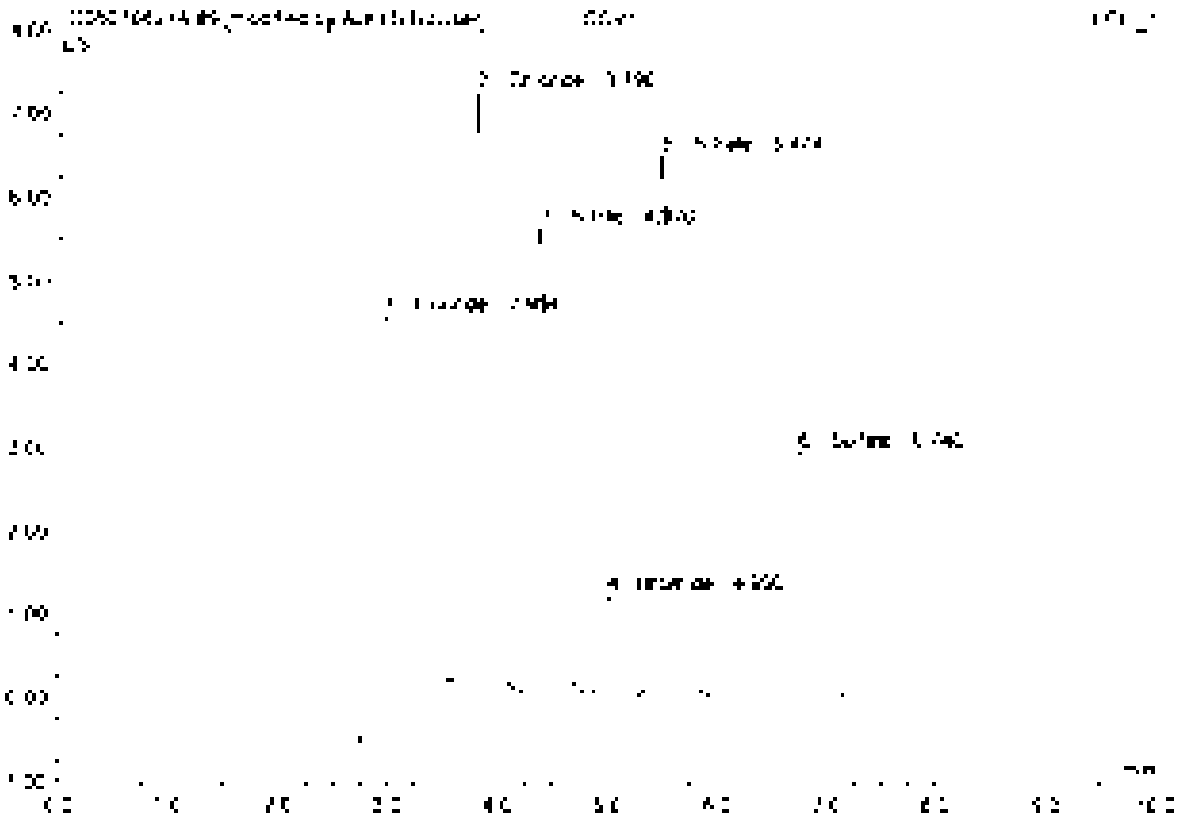
Services Required	Description	Quantity	Test Off	Test On	Remarks	Comp

Service Record	Observations/Tier	Dates	Sat Dir	Sat Ot	Sideway	Other

Service Record	Observations	Action	Spl Oil	Reg Oil	Delivery	Price

9 CCV1

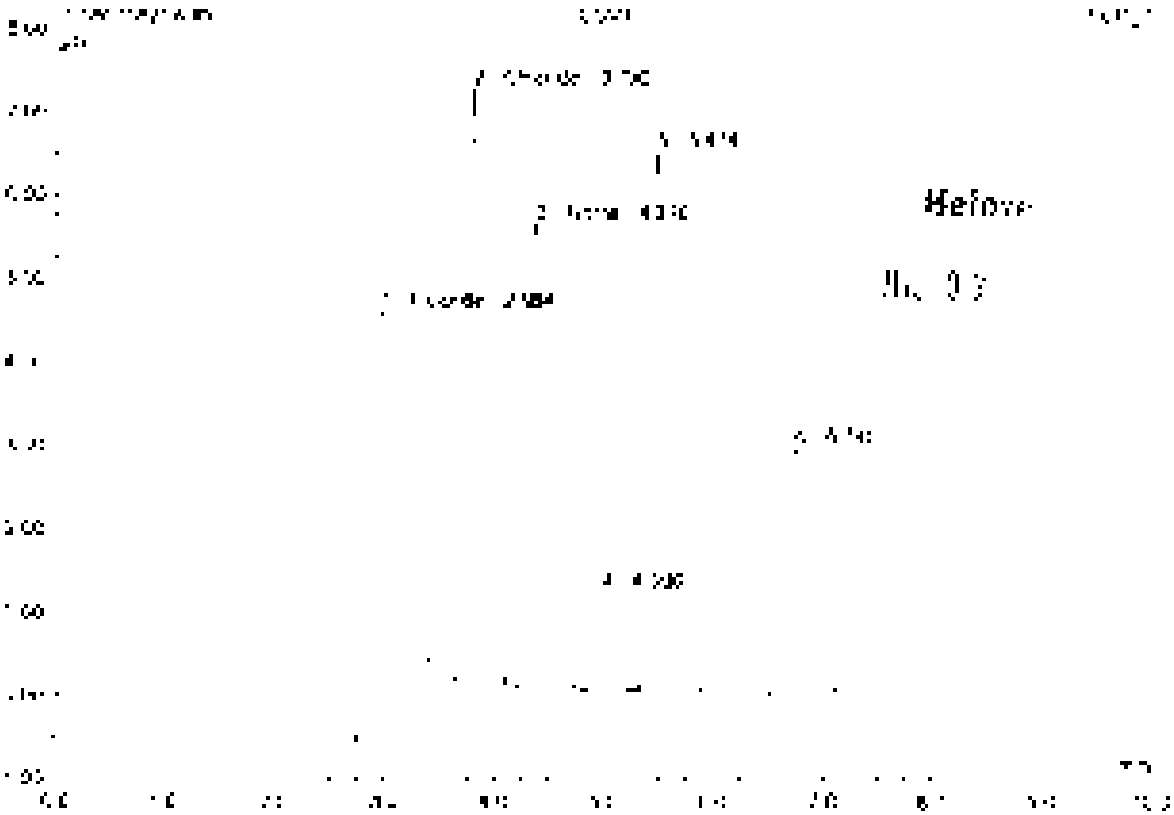
Sample Name	CCV1	Injection Volume	35.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/8/2021 10:48	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.35	Fluoride	4.941	[illegible]	24.98	[illegible]	BMB*
2	3.79	Chloride	7.593	0.833	17.52	4.812	BMB*
3	4.34	Nitrite	5.572	0.987	18.55	2.493	BMB
4	4.96	Bromide	1.190	0.172	3.61	2.419	BMB
5	5.47	Nitrate	6.478	1.055	22.19	2.508	BMB
6	6.74	Sulfate	2.544	0.621	13.05	5.040	BMB
Total:			28.320	4.756	100.00	22.000	

9 CCV1

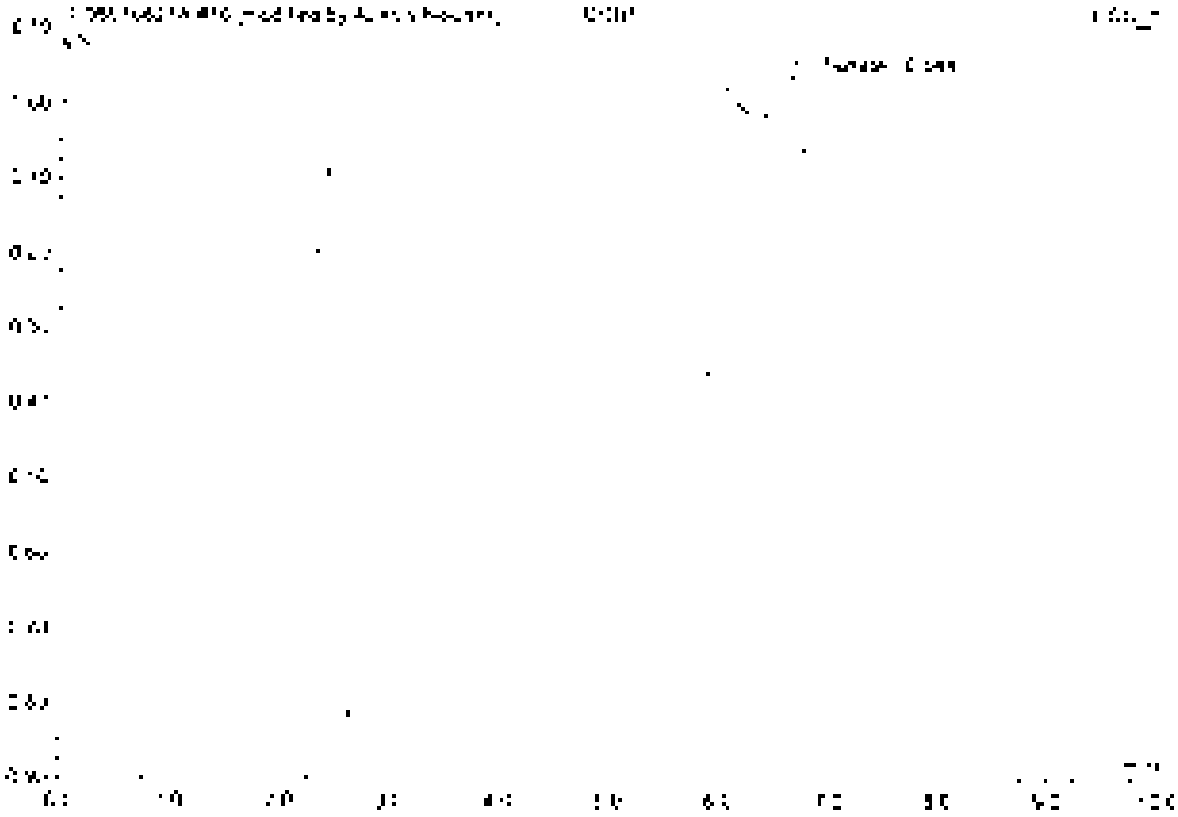
Sample Name	CCV1	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Processing Time	7/8/2021 10:48	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Chloride	4.375	1.244	25.80	4.955	BV6
2	3.74	Chlorate	7.091	0.831	17.01	4.812	cV6
3	4.37	Nitrite	5.572	0.897	18.43	2.495	bV6
4	4.99	n.a.	1.190	0.172	3.57	n.a.	bV6
5	5.47	n.a.	5.478	1.055	21.93	n.a.	BV6
6	5.78	n.a.	2.948	0.621	12.90	n.a.	BV6
Total:			26.262	4.812	100.00	12.262	

10 CCB1

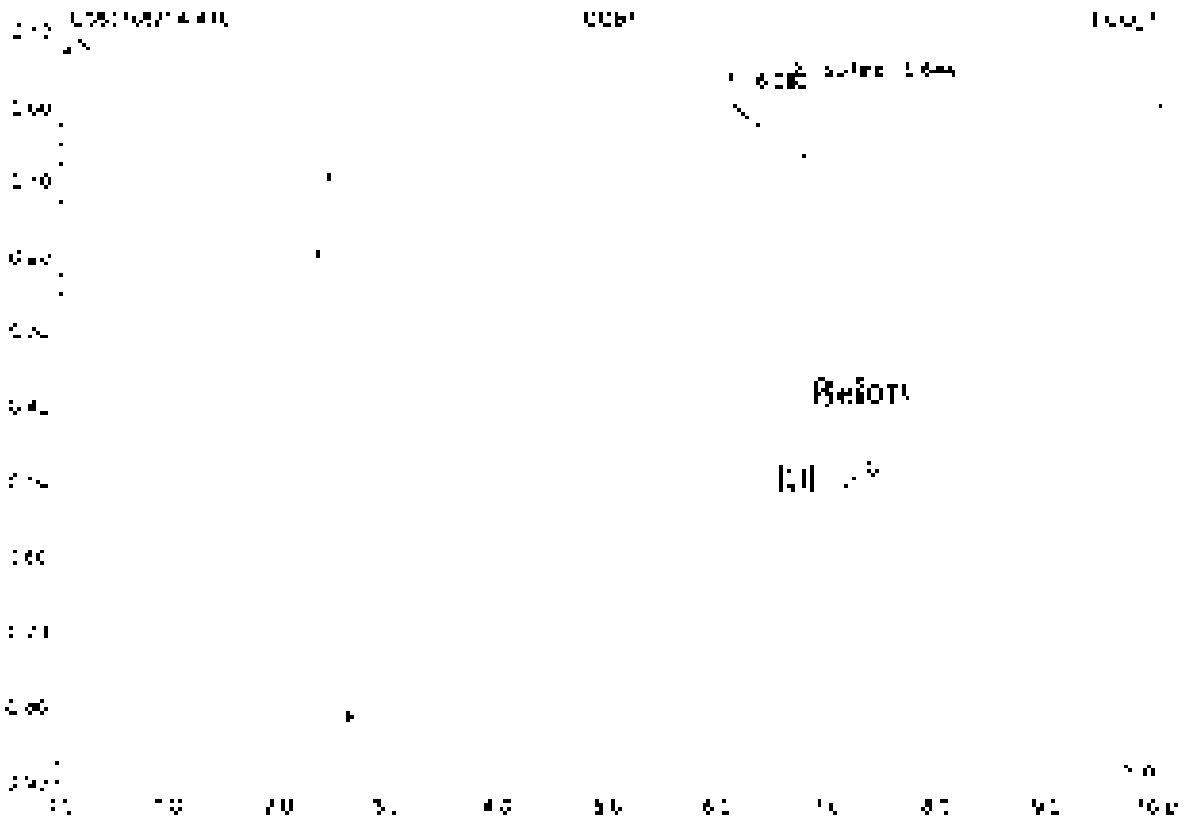
Sample Name	CCB1	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Source Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 20:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.04	B.Haze	0.047	0.006	100.00	0.050	RVBP
Total:			0.047	0.006	100.00	0.050	

10 CCB1

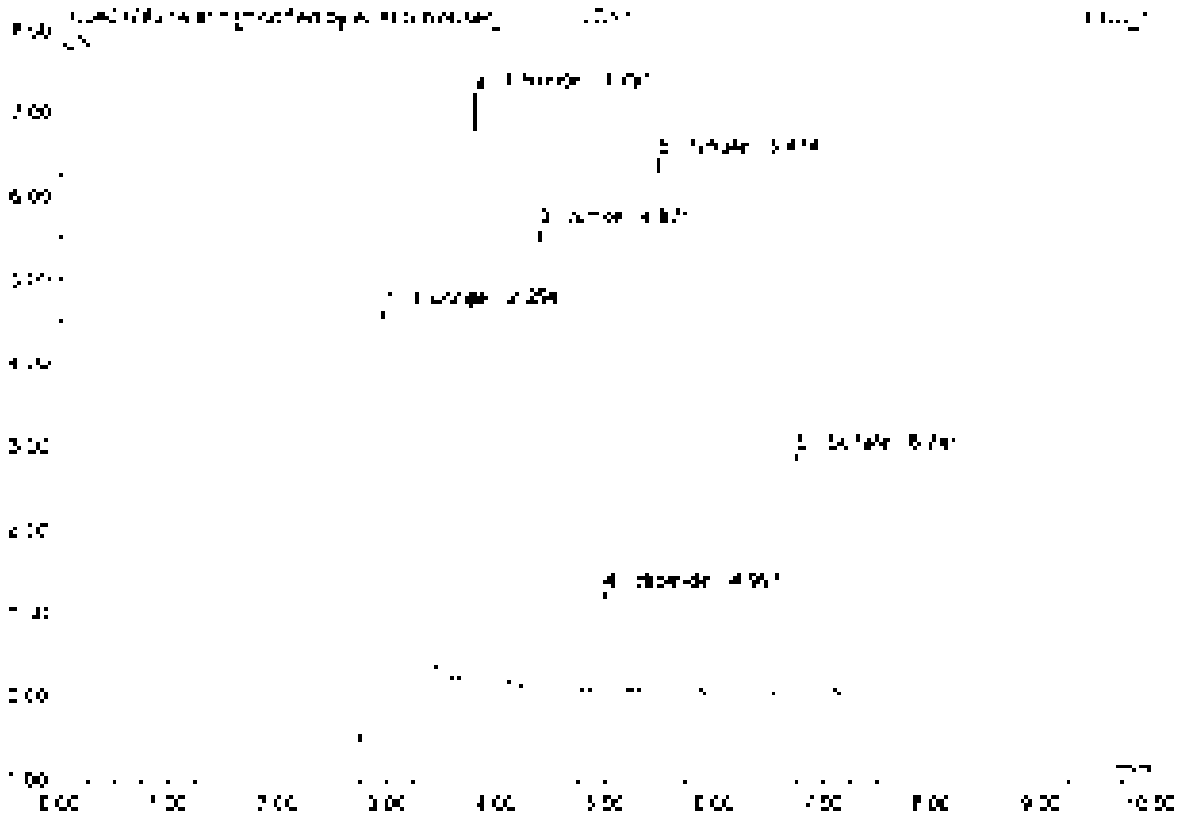
Subsample name	CCB1	Injection Volume	25.0
Vial number	47	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Spectral Library	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/8/2021 20:00	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	0.00	n.a.	0.102	1.358	99.83	n.a.	BMD
2	0.94	Sulfate	0.055	0.016	1.17	0.131	BMH
Total:			0.190	1.374	100.00	0.131	

11 LC$1

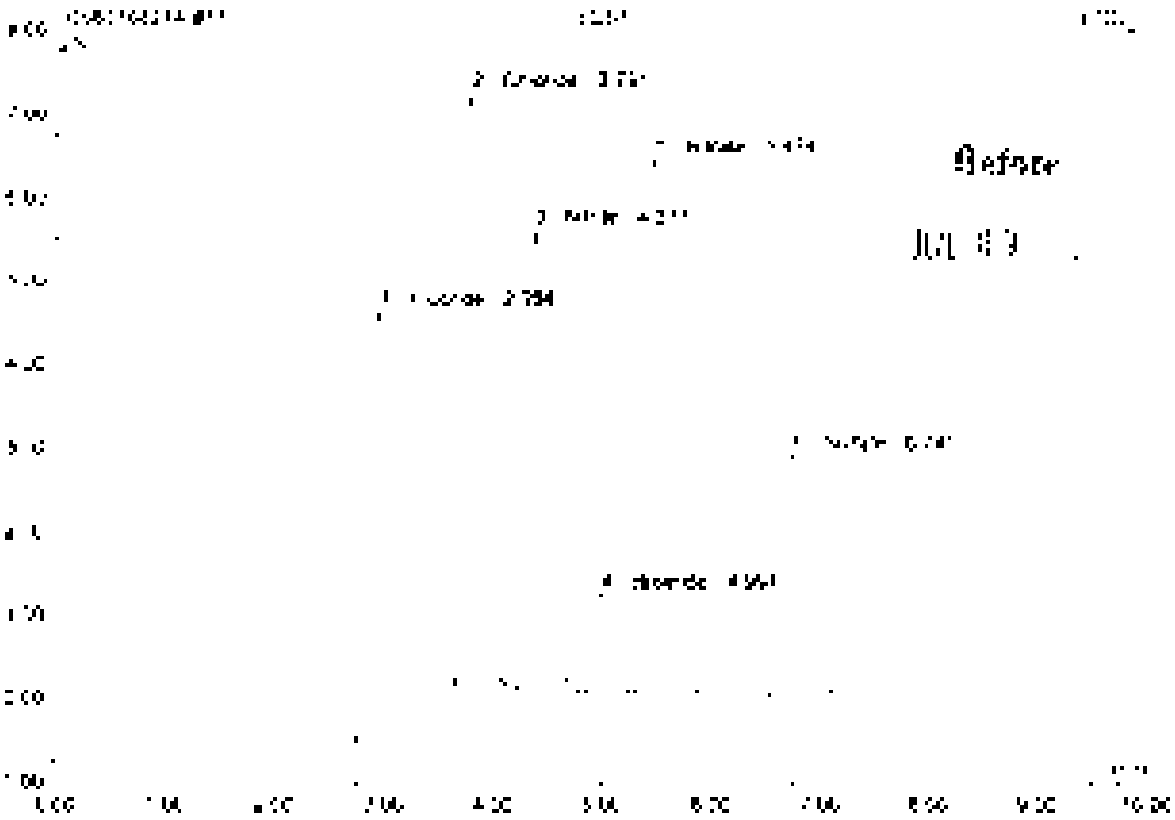
Sample Name	LC$1	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Analysis Time	7/8/2021 20:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	4.896	[illegible]	25.58	4.838	BV*U*
2	3.79	Chloride	7.075	[illegible]	17.49	4.798	BV*U*
3	4.07	Nitrite	5.543	[illegible]	15.50	2.477	BM*B
4	4.94	Bromide	[illegible]	[illegible]	3.80	2.429	BM*B
5	5.67	Nitrate	6.477	[illegible]	21.94	2.477	BV*U
6	6.74	Sulfate	2.889	[illegible]	12.81	4.941	BV*U
Total:			28.117	4.750	100.00	21.561	

11 LCS1

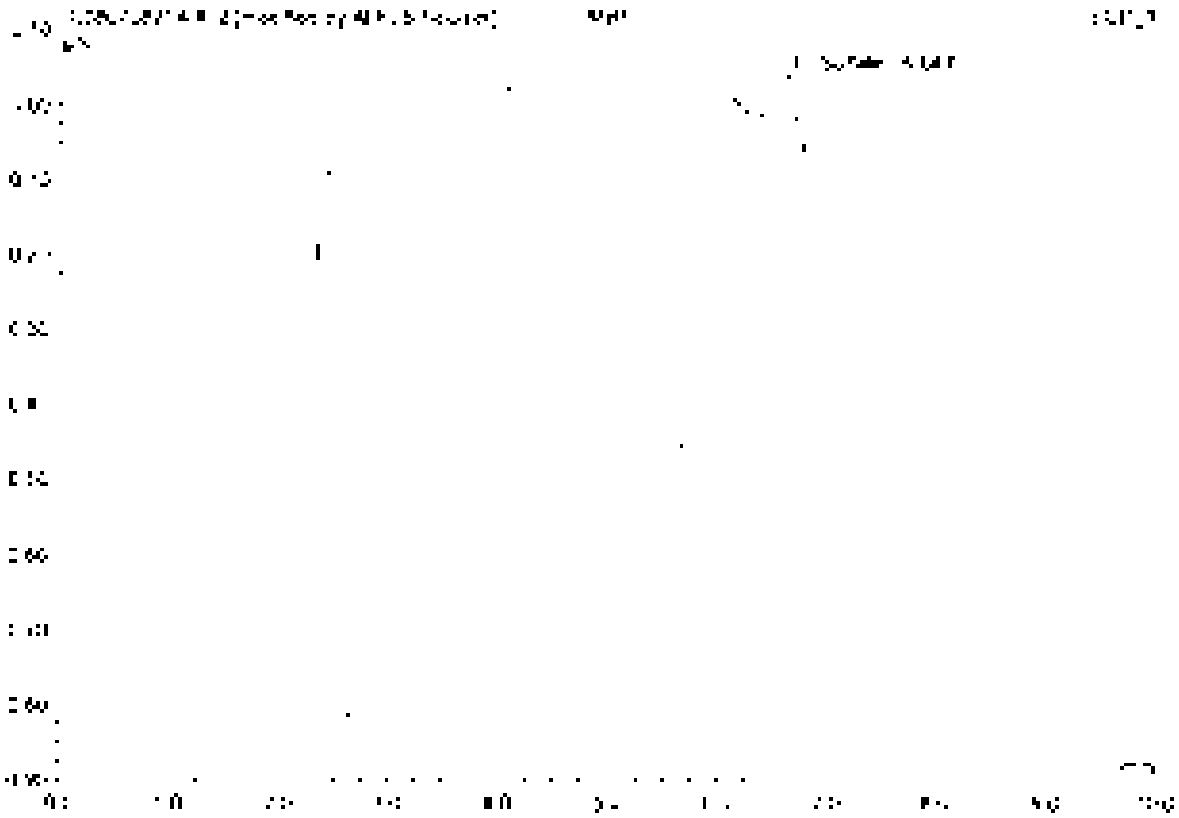
Sample Name:	LCS1	Injection Volume:	25.0
Vial Number:	2	Channel:	ECD_1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Control Method:	epa300	Dilution Factor:	1.0000
Recording Time:	7/8/2021 20:11	Sample Weight:	1.0000
Run Time (min):	10.00	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.99	Fluoride	5.019	1.255	25.27	5.000	BMB
2	3.79	Chloride	7.075	0.831	17.34	4.798	BMB
3	4.37	Nitrite	5.540	0.802	15.40	2.477	BMB
4	4.90	Bromide	[illegible]	[illegible]	3.60	2.429	BMB
5	5.67	Nitrate	6.422	1.042	21.75	2.477	BMB
6	6.74	Sulfate	2.889	0.600	12.70	4.941	BMB
Total:			28.139	4.731	100.00	22.122	

12 MB1

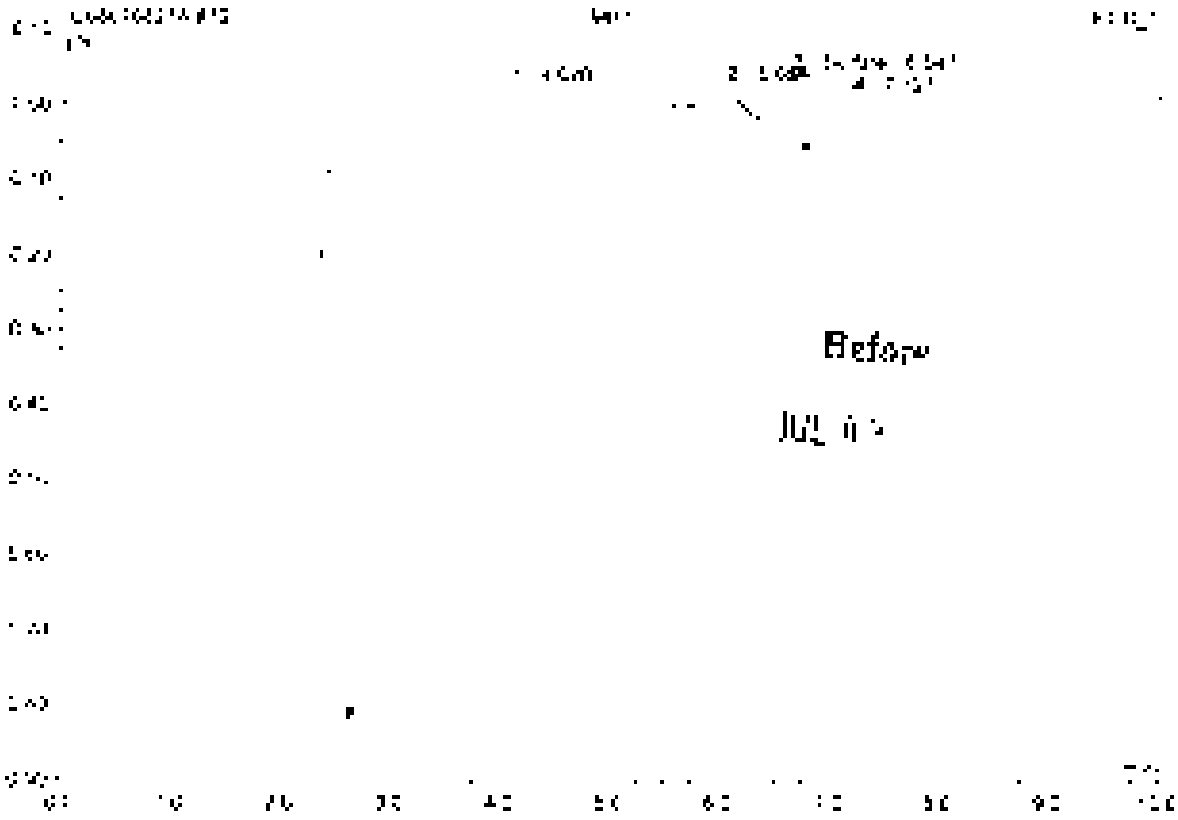
Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	7/8/2021 20:23	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
[illegible]	[illegible]	Surface	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

12 MB1

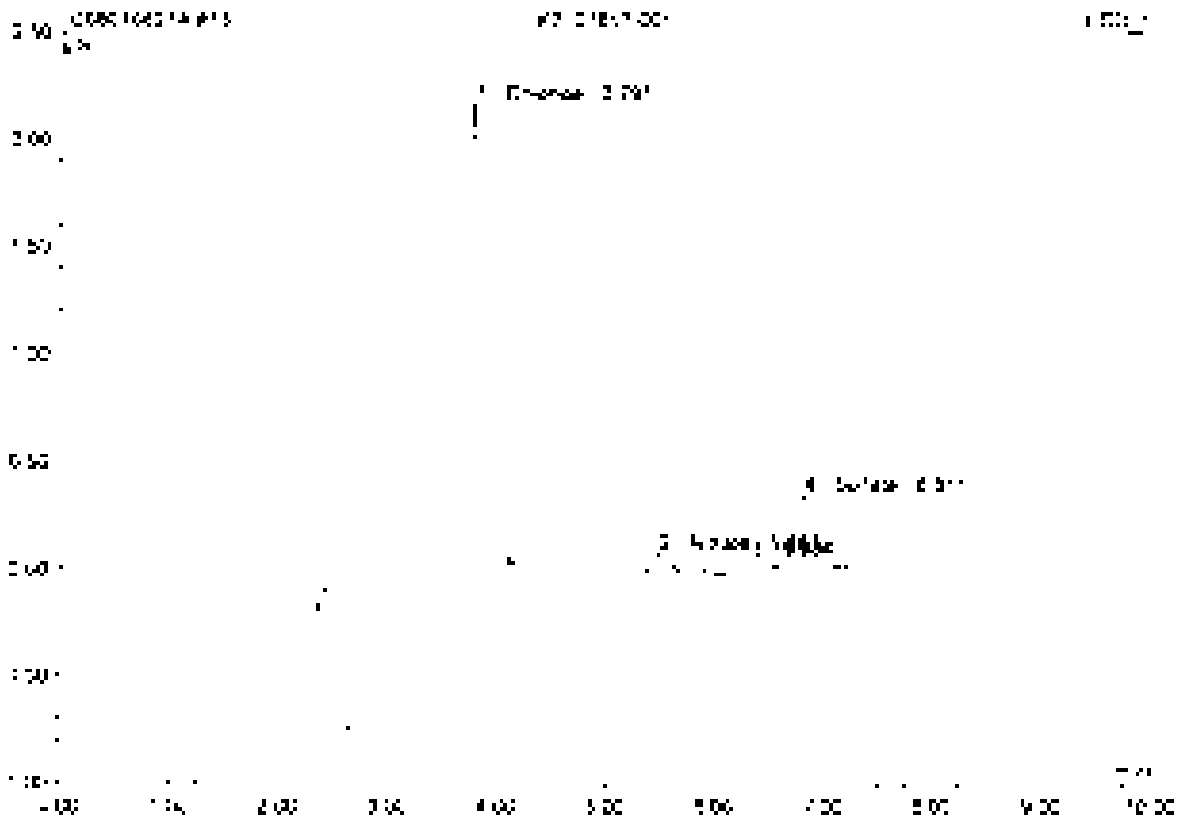
Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recovery Time	7/6/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.07	n.a.	0.464	[illegible]	89.66	n.a.	BMB
2	6.05	n.a.	0.036	0.005	0.76	n.a.	BMB
3	6.65	Sulfate	0.085	0.017	1.47	0.136	BMB
4	7.20	n.a.	0.061	0.093	8.12	n.a.	BMB
Total:			0.646	1.145	100.00	0.136	

13 K21078857-001

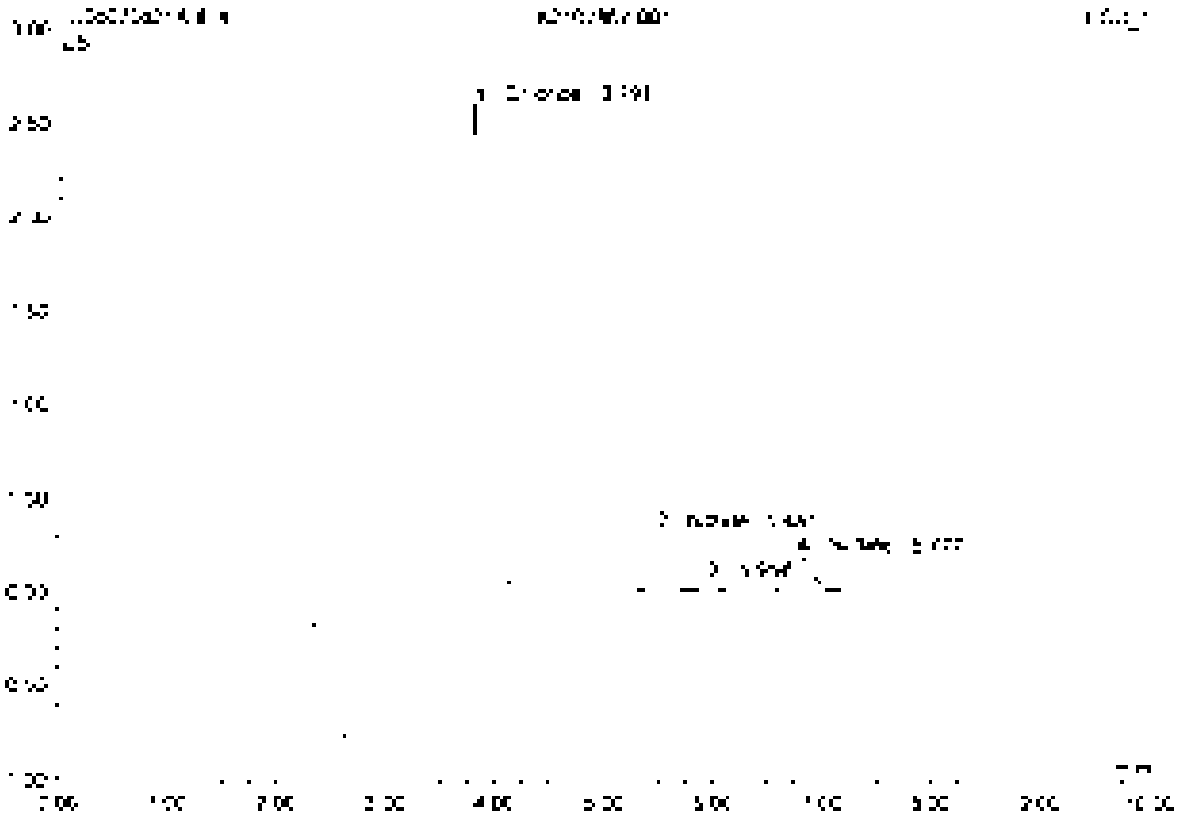
Sample Name	K21078857-001	Injection Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Quantitation Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	2.0000
Recording Time	7/8/2021 20:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.79	Chloride	2.156	0.267	37.94	0.372	BMB
2	5.49	Nitrate	0.074	0.012	2.23	0.055	BMB
3	6.33	n.a.	0.049	0.015	4.16	n.a.	BMB
4	6.81	Sulfate	0.326	0.371	55.67	1.449	BMB
Total:			2.612	0.660	100.00	1.876	

14 K2107867-001

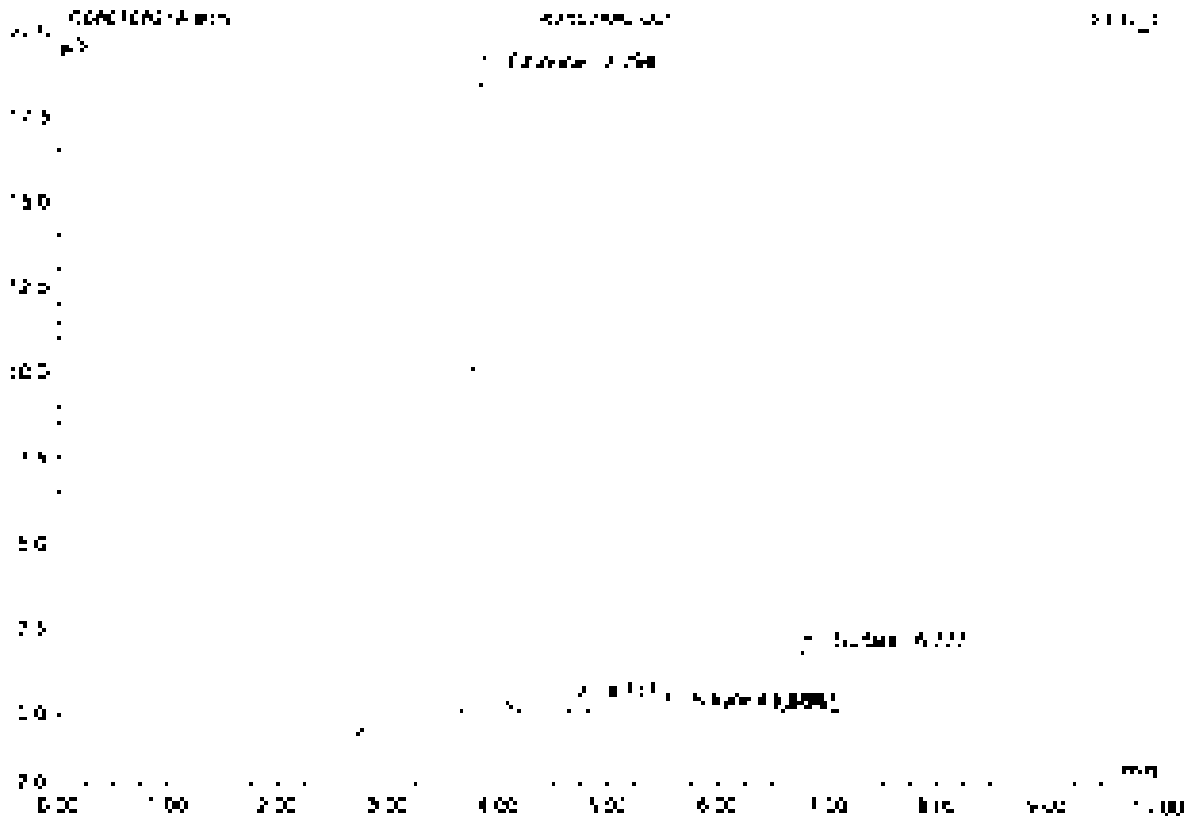
Sample Name	K2107867-001	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Processing Time	7/6/2021 20:46	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.79	Chloride	2.584	0.310	74.58	0.579	BV0
2	5.43	Nitrate	0.315	0.050	12.06	0.238	BMb
3	5.95	n.a.	0.047	0.008	1.92	n.a.	BMB
4	6.78	Sulfate	0.180	0.048	11.53	0.777	BV0
Total:			3.127	0.415	100.00	4.593	

15 K2107880-001

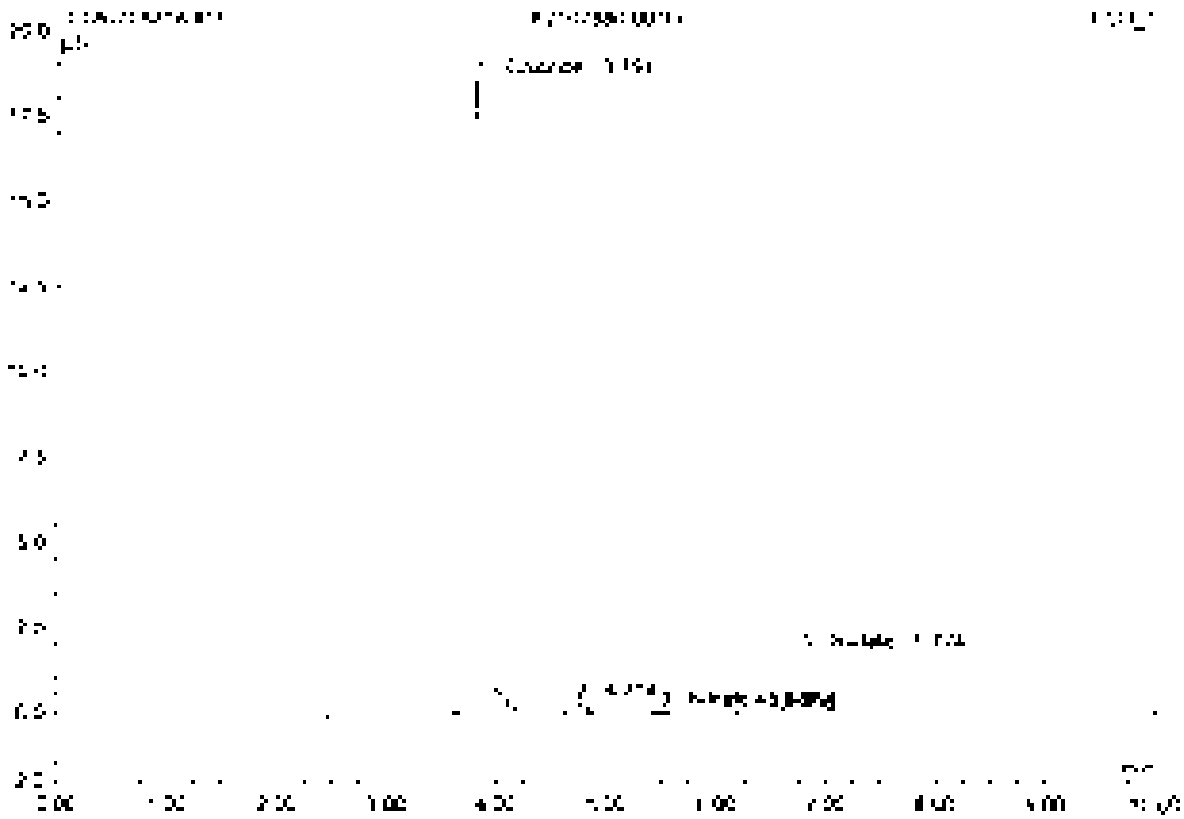
Sample Name	K2107880-001	Injection Volume	25.0
Vial Number	6	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quick Method	epa300	Dilution Factor	2.0000
Recording Time	7/8/2021 20:56	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	18.683	2.140	82.52	24.758	BMB
2	4.72	n.a.	0.313	0.047	1.80	n.a.	BMB
3	5.48	Nitrate	0.075	0.012	0.46	0.057	BMB
4	6.36	n.a.	0.024	0.005	0.21	n.a.	BMB
5	8.32	Sulfate	1.787	0.379	14.62	6.140	BMB
Total:			20.882	2.586	100.00	30.955	

16 K2107880-001D

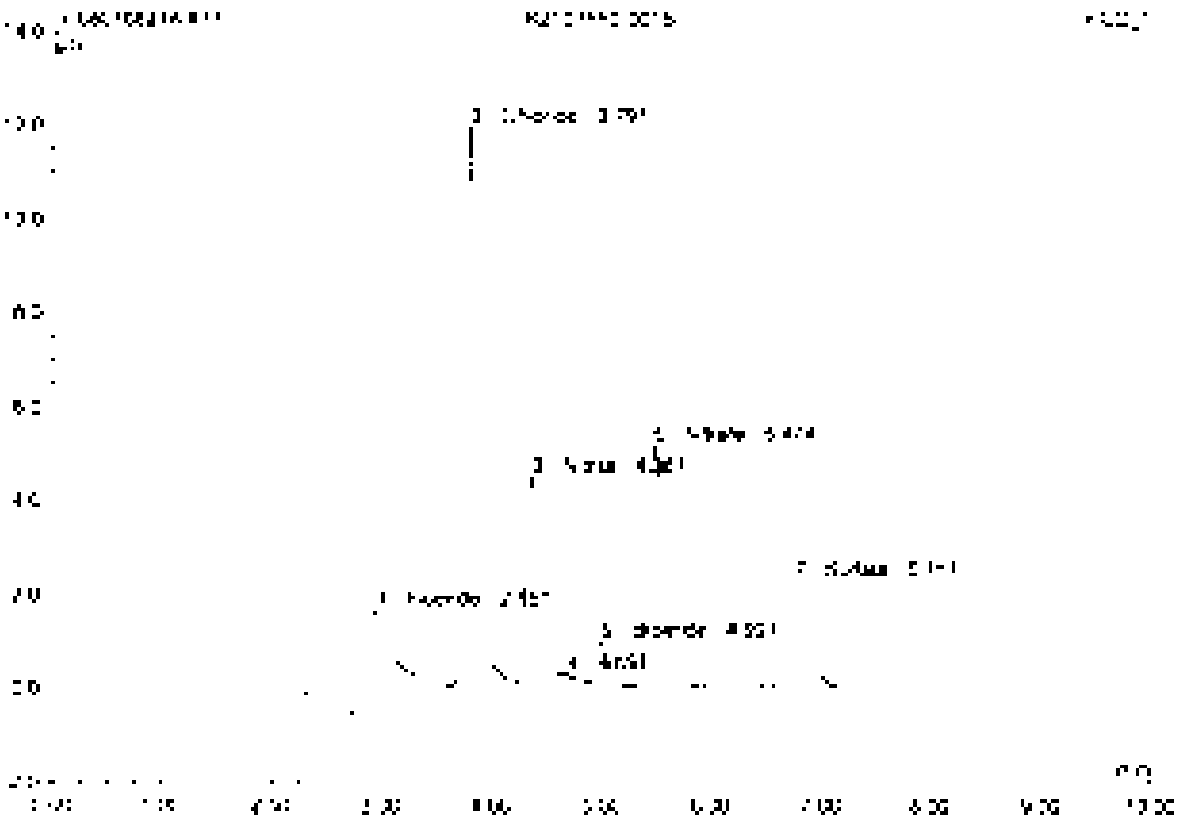
Sample Name	K2107880-001D	Injection Volume	25.0
Vial Number	6	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	7/8/2021 21:09	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	18.497	2.120	82.50	24.691	BMB
2	4.71	n.a.	0.310	0.046	1.80	n.a.	BMB
3	5.43	Nitrate	0.072	0.012	0.45	0.055	BMB
4	5.35	n.a.	0.021	0.006	0.24	n.a.	BMB
5	6.77	Sulfate	1.705	0.374	14.61	6.066	BMB
Total:			20.672	2.567	100.00	30.812	

17 KZ1076880-001S

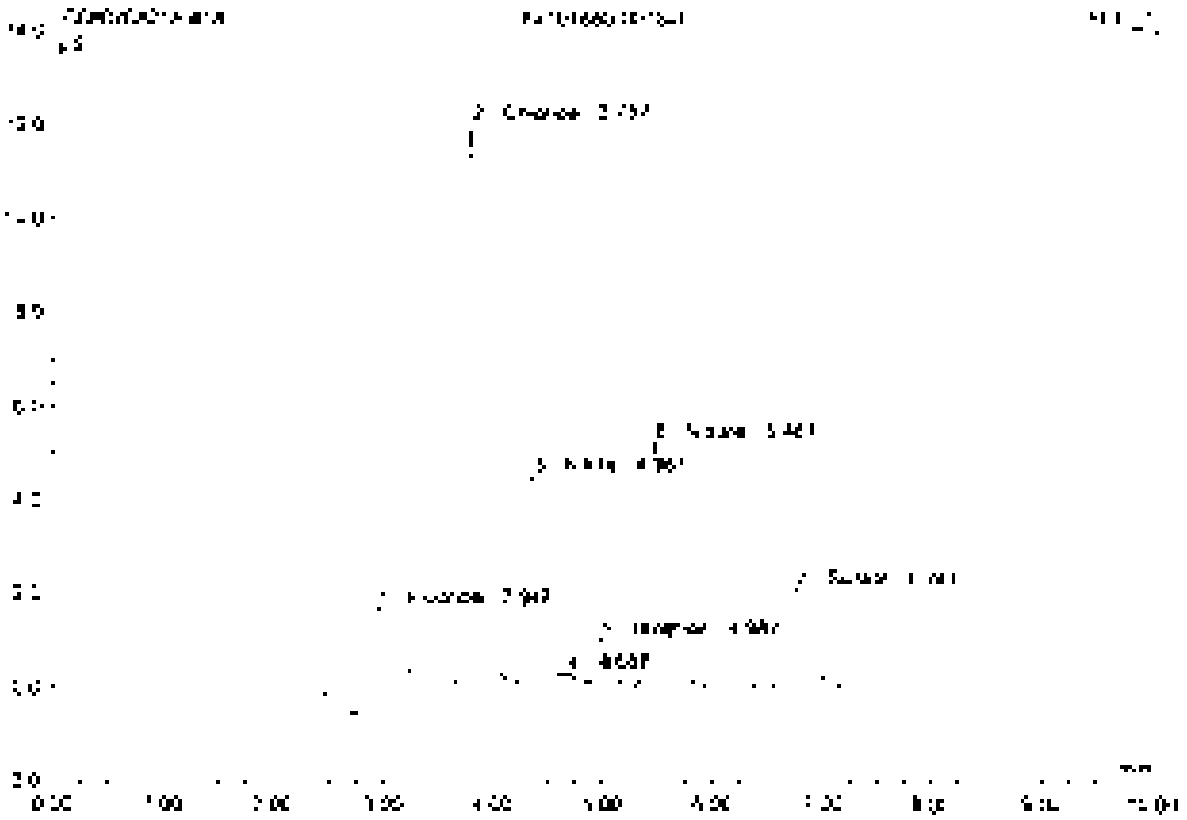
Sample Name	KZ1076880-001S	Injection Volume	25.0
Vial Number	7	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	4.0000
Recording Time	7/8/2021 21:21	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	2.090	0.556	14.63	9.501	BMB
2	[illegible]	Chloride	[illegible]	[illegible]	33.66	[illegible]	BMB
3	4.37	Nitrite	4.350	0.651	15.96	[illegible]	BMB
4	4.52	n.a.	0.063	0.007	0.15	n.a.	BMB
5	4.96	Bromide	0.938	0.134	3.27	7.525	BMB
6	5.47	Nitrate	5.142	0.840	20.59	7.083	BMB
7	6.76	Sulfate	2.245	0.473	11.72	15.512	BMB
Total:			26.656	4.077	100.00	79.500	

18 K2107880-001SD

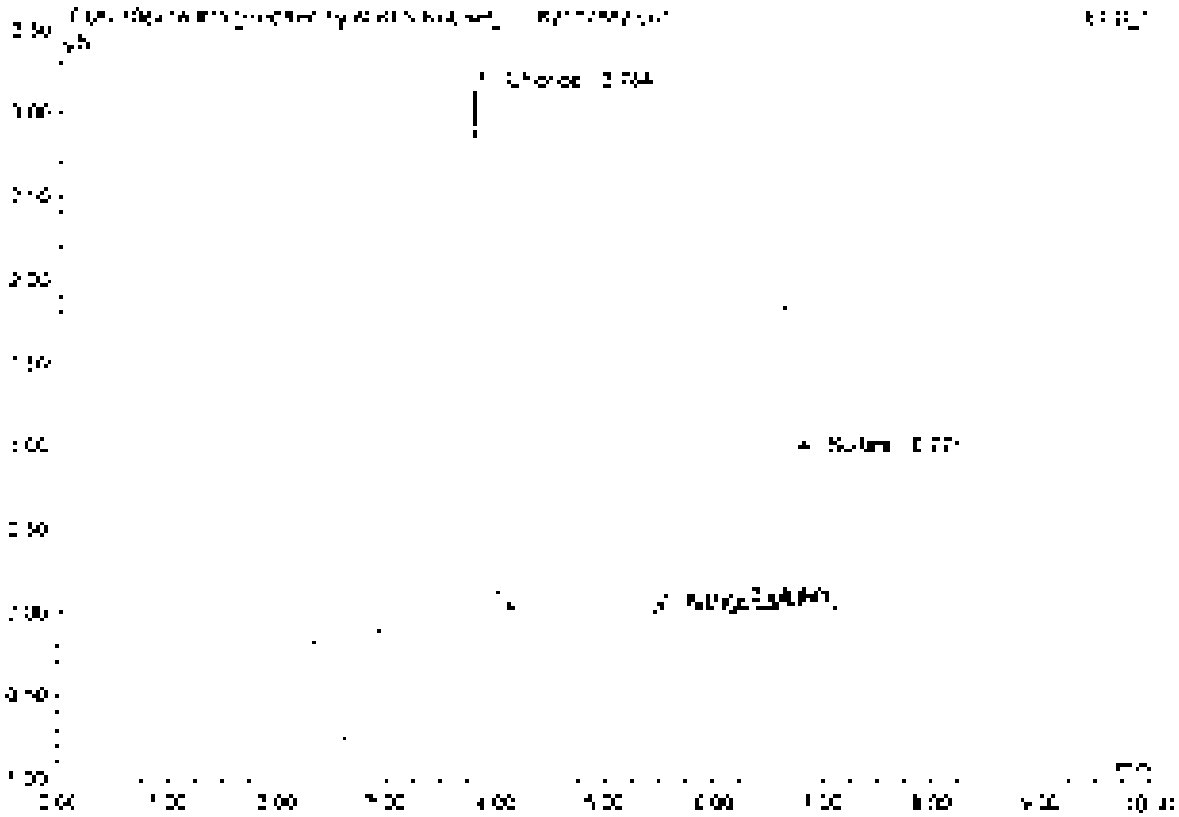
Sample Name	K2107880-001SD	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	4.0000
Measuring Time	[illegible] 21:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.90	Fluoride	2.700	0.598	14.79	9.524	BMB
2	3.79	Chloride	11.868	1.278	34.03	31.796	BMB
3	4.36	Nitrite	4.368	0.652	16.13	7.081	BMB
4	4.69	n.a.	0.055	0.007	0.16	n.a.	BMB
5	4.98	Bromide	0.943	0.134	3.32	7.563	BMB
6	5.47	Nitrate	5.156	0.842	20.83	8.009	BMB
7	6.75	Sulfate	2.044	0.435	10.75	14.113	BMB
Total:			26.551	4.044	100.00	78.337	

19 K2107882-001

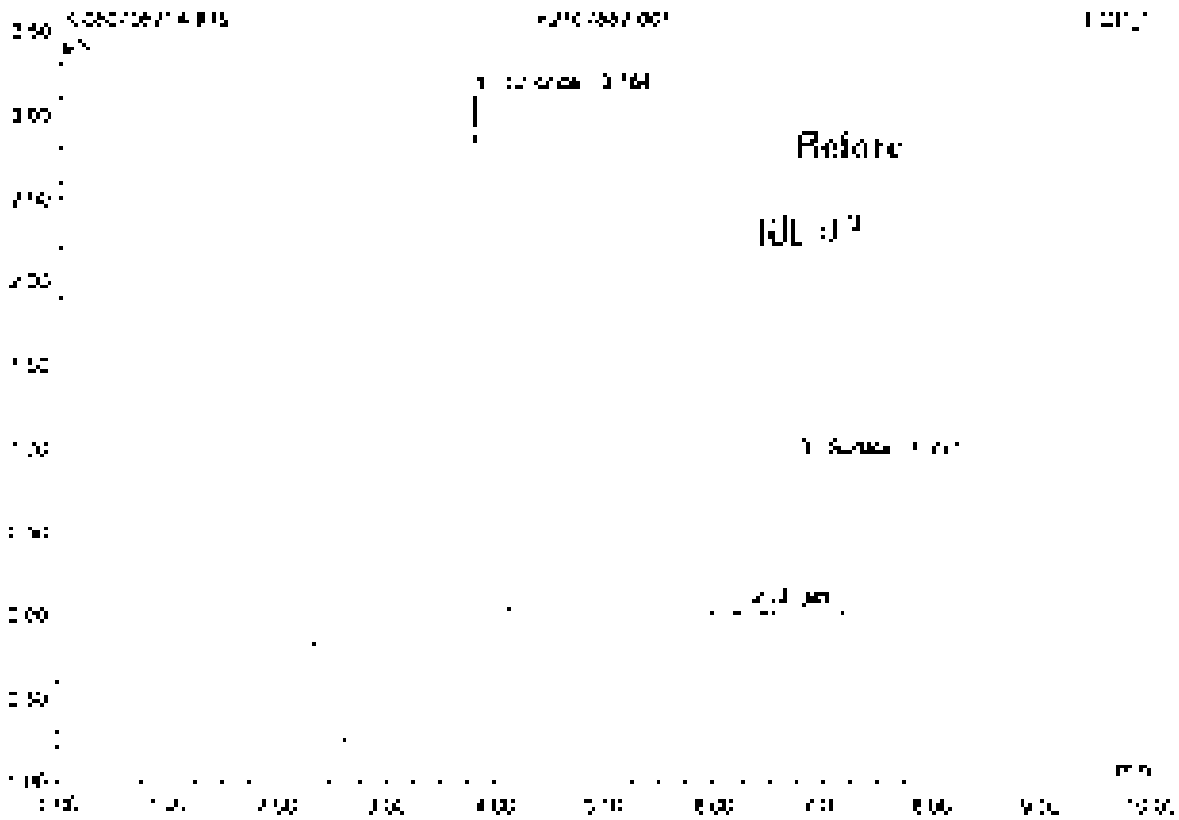
Sample Name	K2107882-001	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Sample Method	epa300	Dilution Factor	2.0000
Recording Time	7/6/2021 21:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chloride	0.119	0.375	64.68	4.331	BMB
2	5.47	Nitrate	0.005	0.001	0.10	0.004	BMB*
3	6.34	n.a.	0.024	0.006	0.98	n.a.	BM5
4	6.77	Sulfate	0.217	0.198	34.21	3.219	BMB
Total:			0.366	0.580	100.00	7.554	

19 K2107882-001

Sample Name	K2107882-001	Injection Volume	35.0
Vial Number	8	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	7/8/2021 21:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

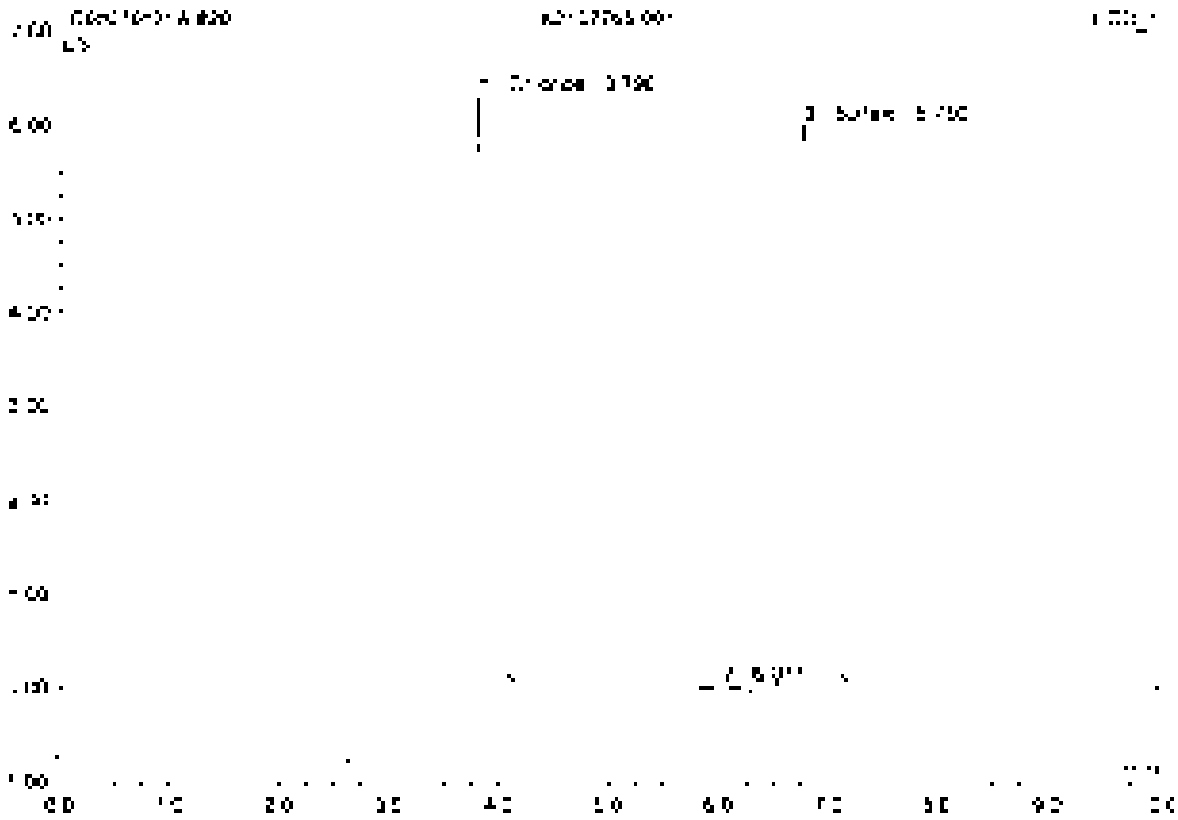


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chlorate	3.112	0.375	64.77	4.331	BMB
2	6.34	n.a.	0.024	0.005	0.98	n.a.	BMB
3	6.77	Bromate	0.317	0.198	34.25	3.219	BMB
Total:			4.060	0.579	100.00	7.551	

20 K2107755-001

CL

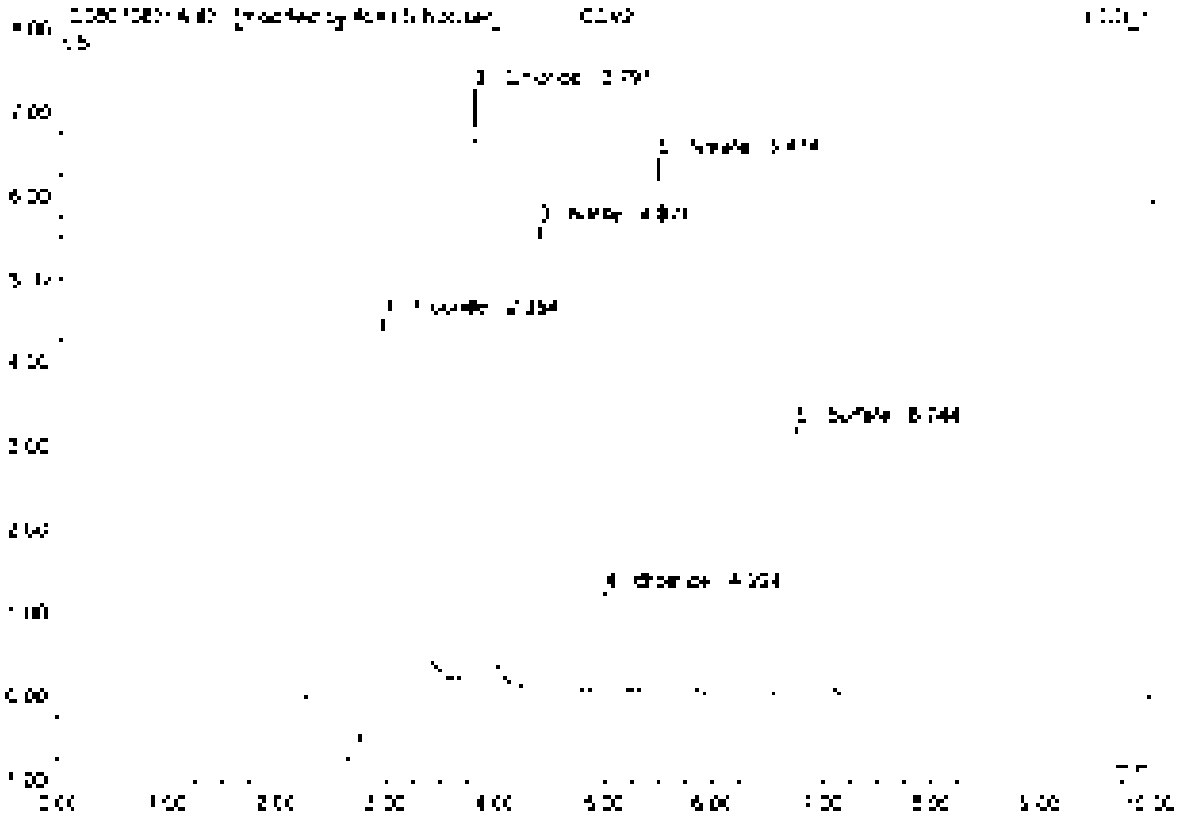
Sample Name	K2107755-001	Injection Volume	25.0
Vial Number	19	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	20.0000
Analysis Time	7/9/2021 21:56	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.79	Chloride	6.289	2.743	37.10	55.814	BMB
2	6.04	n.a.	0.045	0.018	0.42	n.a.	BMB
3	6.75	Sulfate	5.951	1.260	62.42	202.918	BMB
Total:			12.286	2.002	100.00	258.732	

21 CCV2

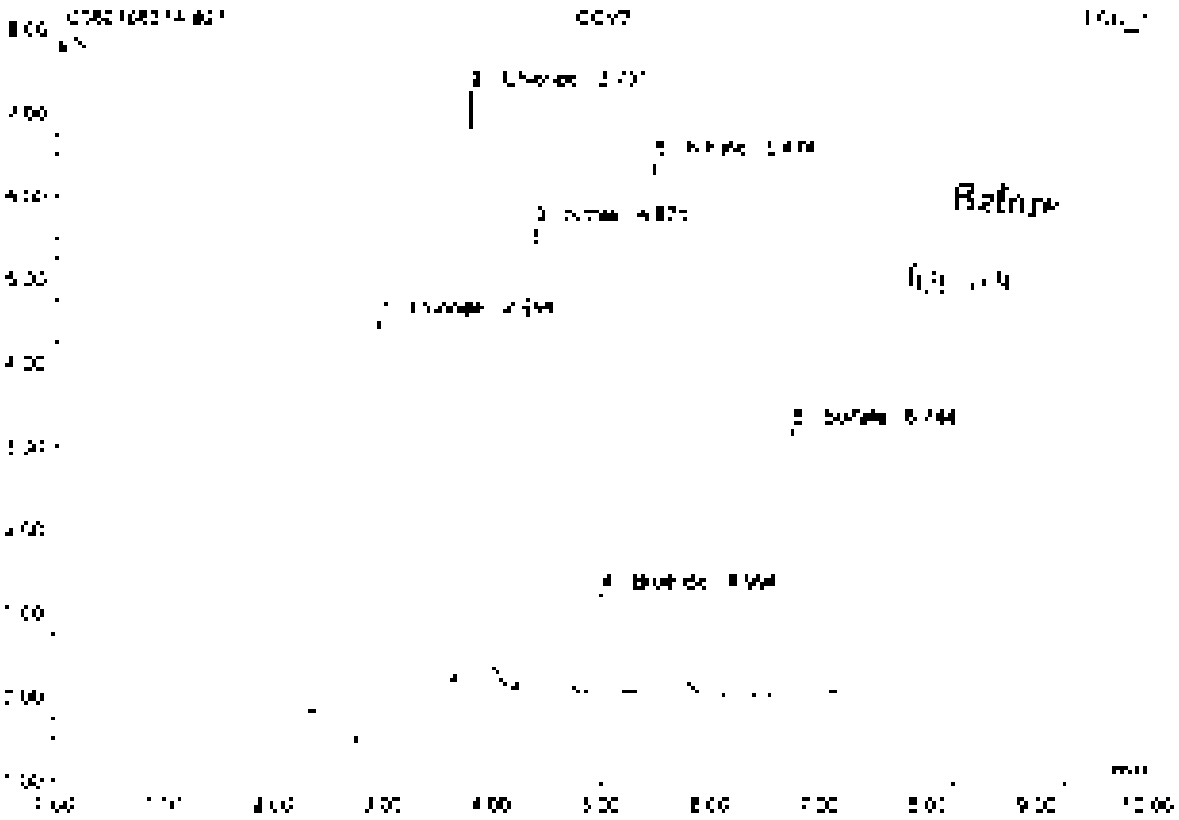
Sample Name	CCV2	Injection Volume	25.0
Run Number	44	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	7/8/2021 22:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	4.886	1.157	24.79	4.727	BMB*
2	3.79	Chloride	7.087	0.932	17.37	4.805	BMB*
3	4.37	Nitrite	5.564	0.886	18.50	2.484	BMB
4	4.99	Bromide	1.183	0.172	3.58	2.419	BMB
5	5.47	Nitrate	5.410	1.040	21.71	2.475	BMB
6	6.74	Sulfate	3.204	0.670	14.00	5.400	BMB
Total:			28.341	4.785	100.00	22.316	

21 CCV2

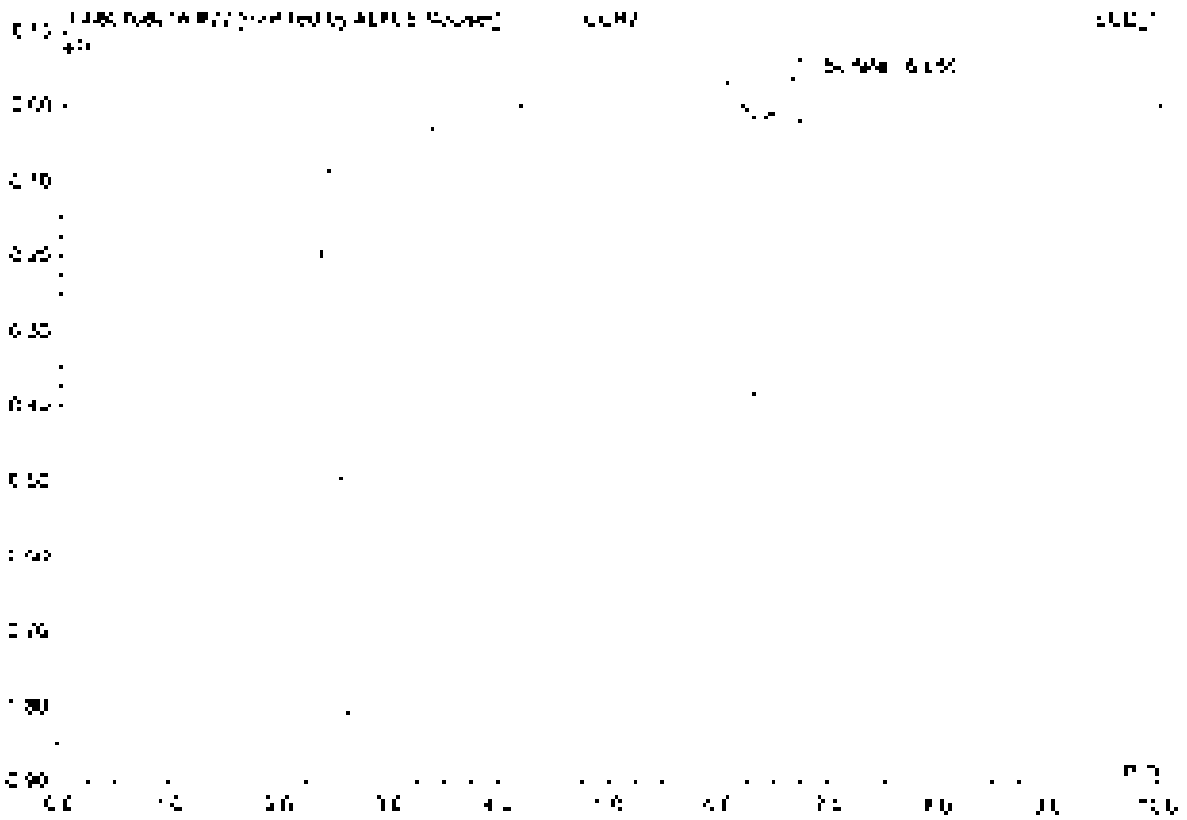
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Method Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/8/2021 22:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	4.911	1.232	25.49	4.907	BMB
2	3.79	Chloride	7.889	0.832	17.21	4.805	BMB
3	4.37	Nitrite	5.564	0.886	18.32	2.459	BMB
4	4.99	Bromide	1.192	0.172	3.55	2.419	BMB
5	5.47	Nitrate	5.410	1.040	21.50	2.471	BMB
6	5.74	Sulfate	3.204	0.573	11.92	5.465	BMB
Total:			28.306	4.934	100.00	22.566	

22 CCB2

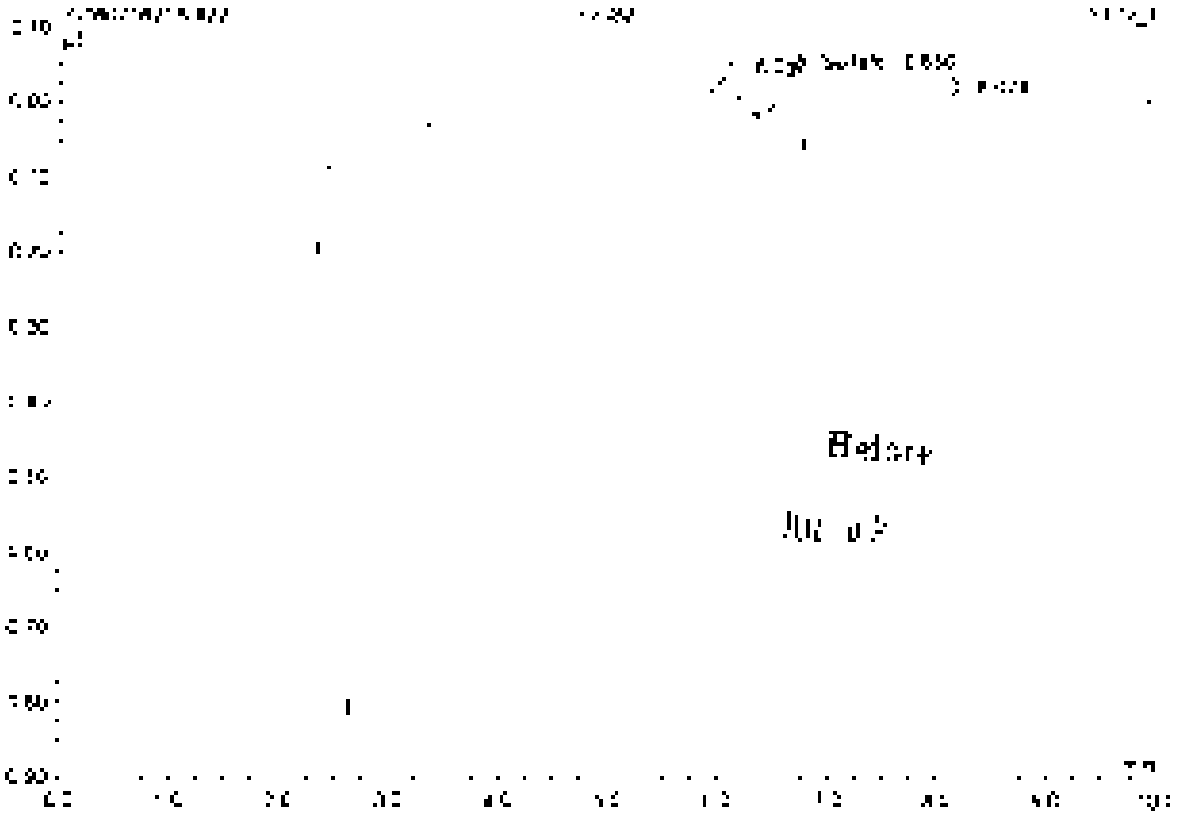
Sample Name	CCB2	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Sample Method	epa300	Dilution Factor	1.0000
Recording Time	7/6/2021 23:11	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.65	Suitcase	0.047	0.006	100.00	0.048	BMB*
Total:			0.047	0.006	100.00	0.048	

22 CCB2

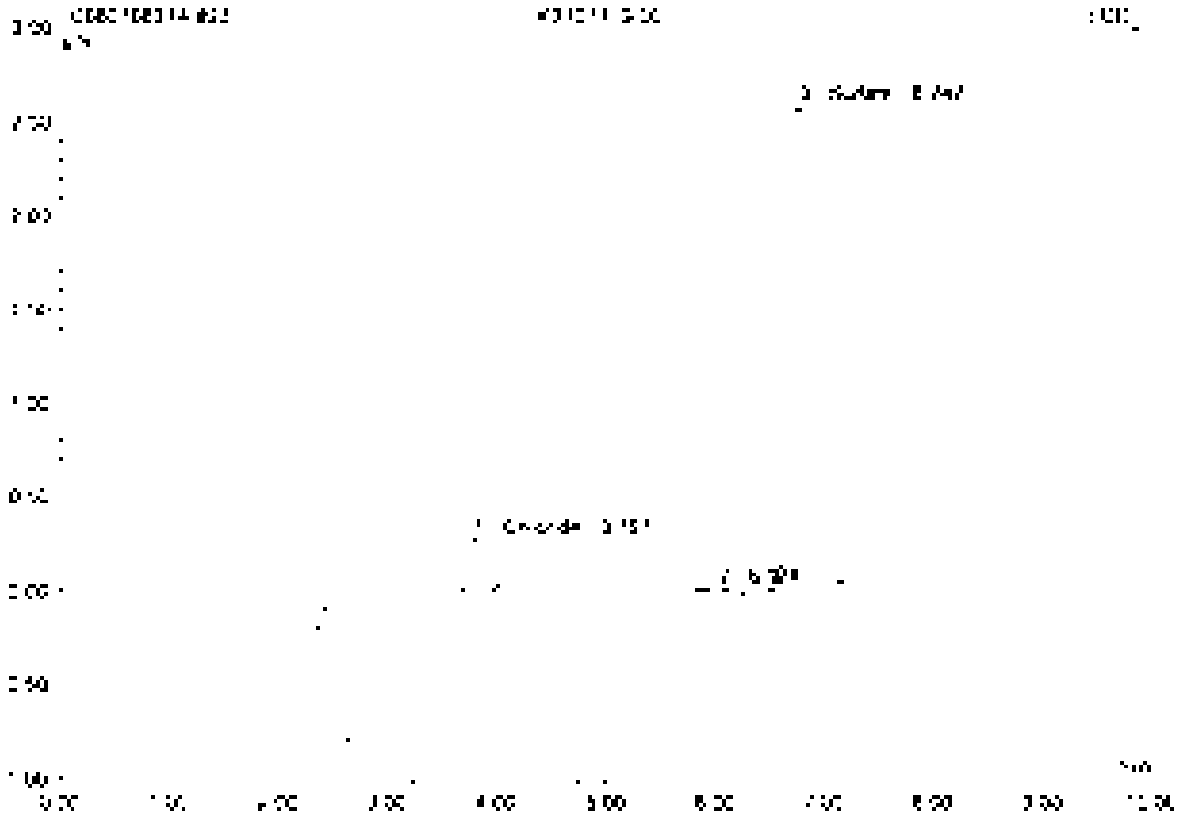
Sample Name	CCB2	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	7/6/2021 22:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.06	n.a.	0.112	1.087	92.20	n.a.	BMB
2	6.55	Sulfate	0.006	0.016	1.38	0.132	BMB
3	8.07	n.a.	0.041	0.091	6.42	n.a.	BMB
Total:			0.242	1.194	100.00	0.132	

23 K2107119-001

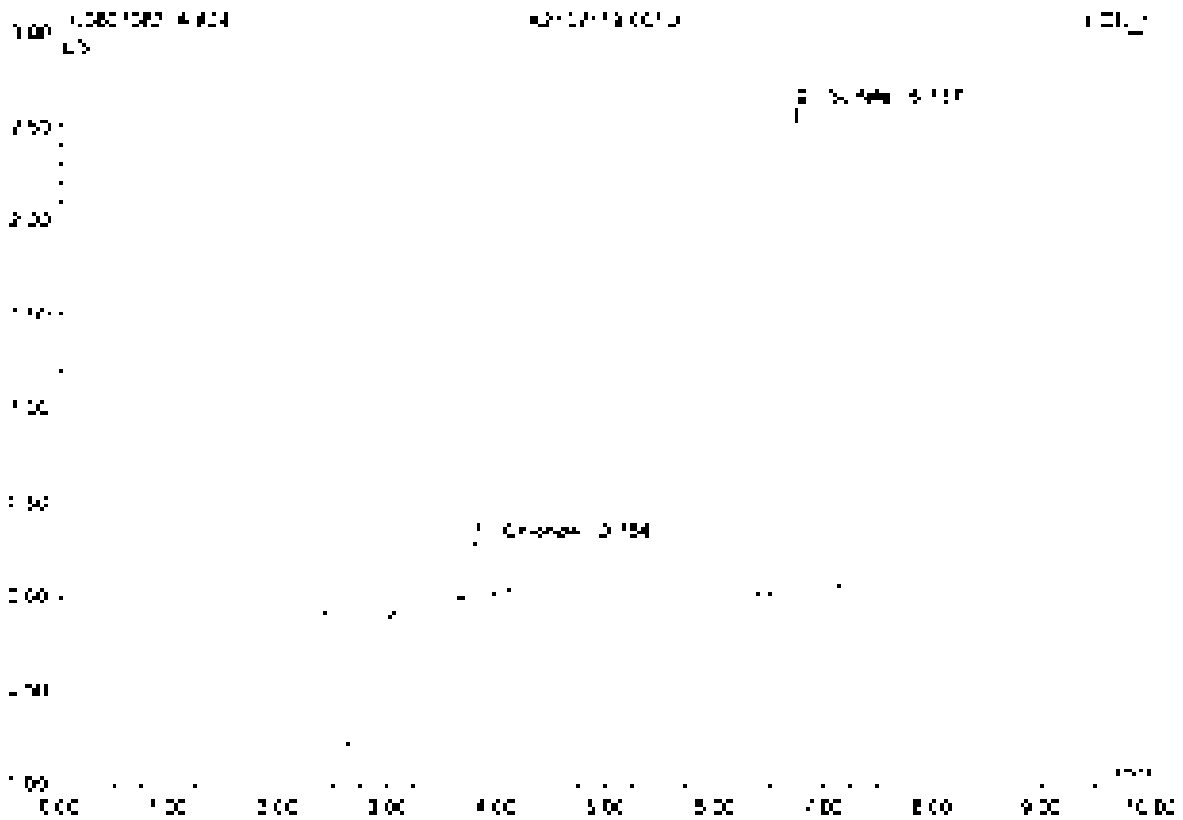
Sample Name	K2107119-001	Injection Volume	25.0
Vial Number	11	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	20.0000
Recording Time	7/8/2021 22:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.75	Chlorate	0.280	0.037	5.41	3.671	BMB
2	6.07	n.a.	0.027	0.005	0.88	n.a.	BMB
3	8.03	Sulfate	2.568	0.548	93.69	88.958	BMB
Total:			2.877	0.585	100.00	92.629	

24 K2107119-001D

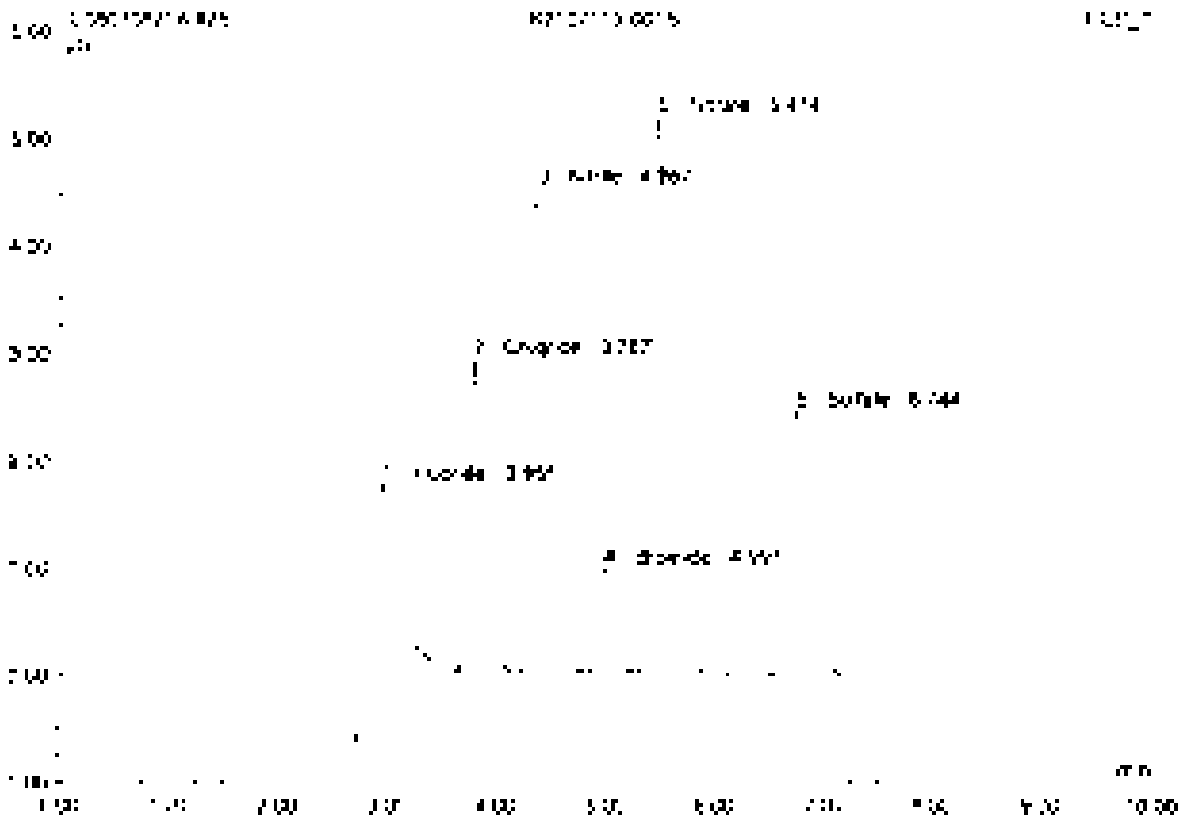
Sample Name	K2107119-001D	Injection Volume	25.0
Vial Number	12	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	20.0000
Processing Time	7/8/2021 22:42	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.78	Chloride	0.286	0.012	5.58	3.737	BMB
2	6.74	Sulfate	2.573	0.548	94.42	52.948	BMB
Total:			2.859	0.580	100.00	52.685	

25 K2107119-001S

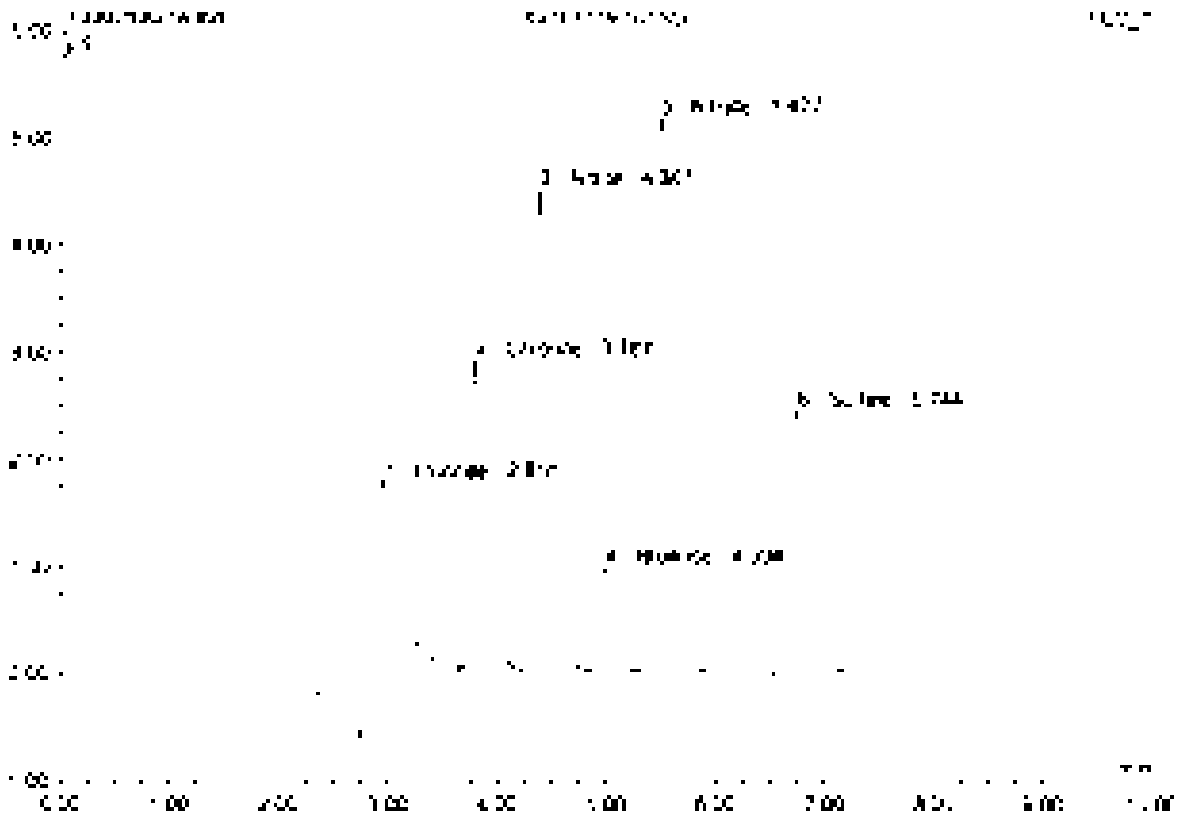
Sample Name	K2107119-001S	Injection Volume	25.0
Vial Number	13	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Operator Method	epa300	Dilution Factor	40.0000
Recording Time	7/8/2021 22:54	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	2.227	0.020	19.50	58.705	BMB
2	3.79	Chloride	2.894	0.365	10.84	79.599	BMB
3	4.37	Nitrite	4.516	0.713	22.42	80.092	BMB
4	4.99	Bromide	0.957	0.139	4.39	78.652	BMB
5	5.47	Nitrate	5.162	0.841	26.47	79.952	BMB
6	6.74	Sulfate	7.455	0.520	16.38	169.962	BMB
Total:			18.240	3.178	100.00	585.956	

26 K2107119-001SD

Sample Name	K2107119-001SD	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	40.0000
Recording Time	7/9/2021 23:00	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.55	Fluoride	2.249	0.621	1.63	50.385	BMB
2	3.79	Chloride	2.875	0.341	10.77	78.825	BMB
3	4.27	Nitrite	4.489	0.708	22.36	79.509	BMB
4	4.59	Bromide	0.957	0.139	4.39	79.203	BMB
5	5.48	Nitrate	5.160	0.838	26.46	79.663	BMB
6	6.74	Sulfate	2.867	0.519	16.35	168.574	BMB
Total:			18.183	3.157	100.00	536.959	

Peak Integration

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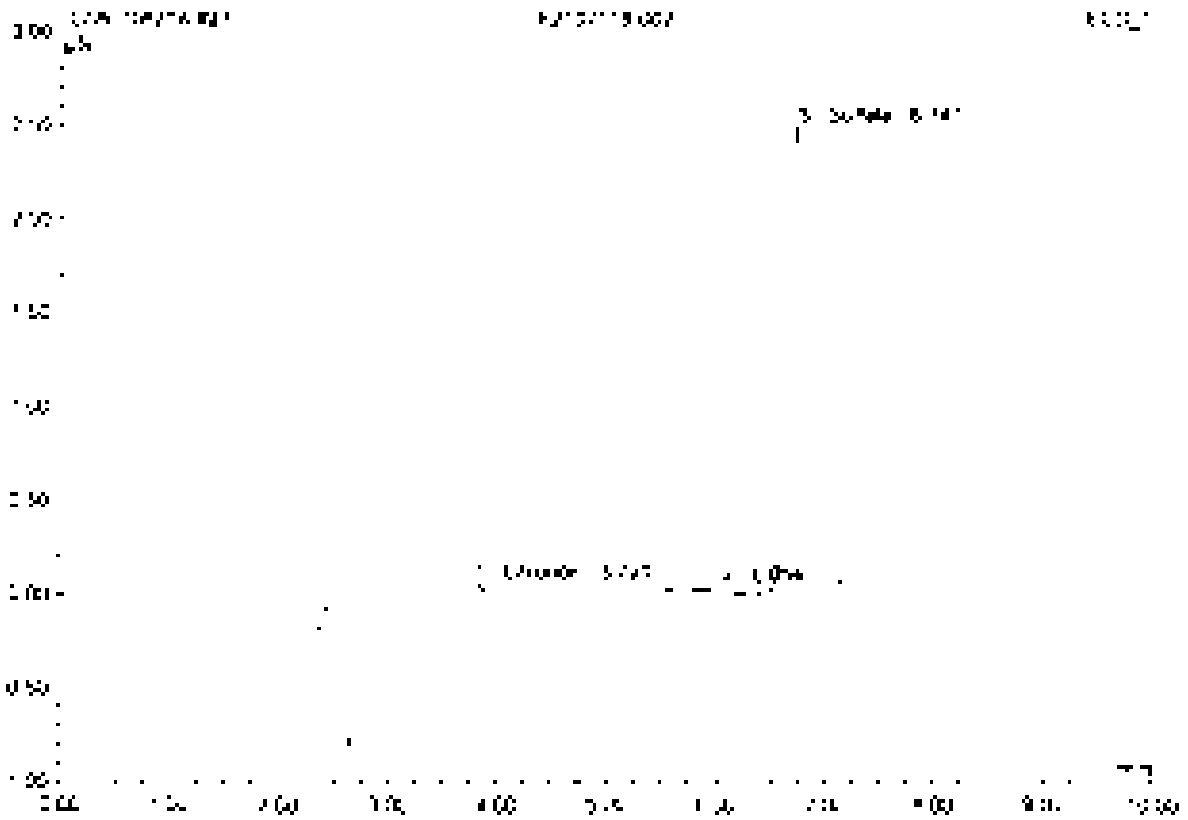
27 K2107119-002

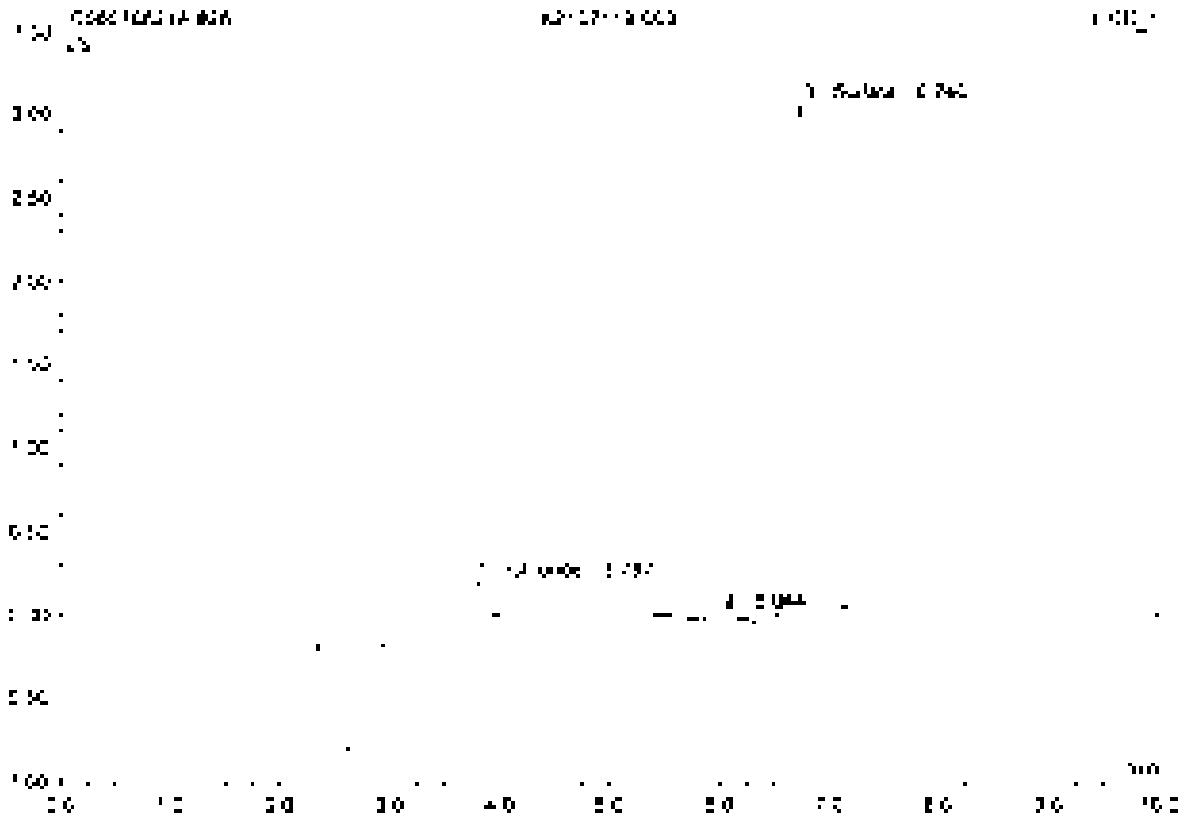
Sample Name	K2107119-002	Injection Volume	25.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	100.0000
Recording Time	7/9/2021 23:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Chloride	0.543	[illegible]	55.[illegible]	587.485	BMB
2	6.35	n.a.	0.040	0.009	0.60	n.a.	[illegible]
3	6.74	S. Iaxe	2.461	0.522	33.69	423.450	BMB
Total:			3.043	1.549	100.00	1010.935	

28 K2107119.003

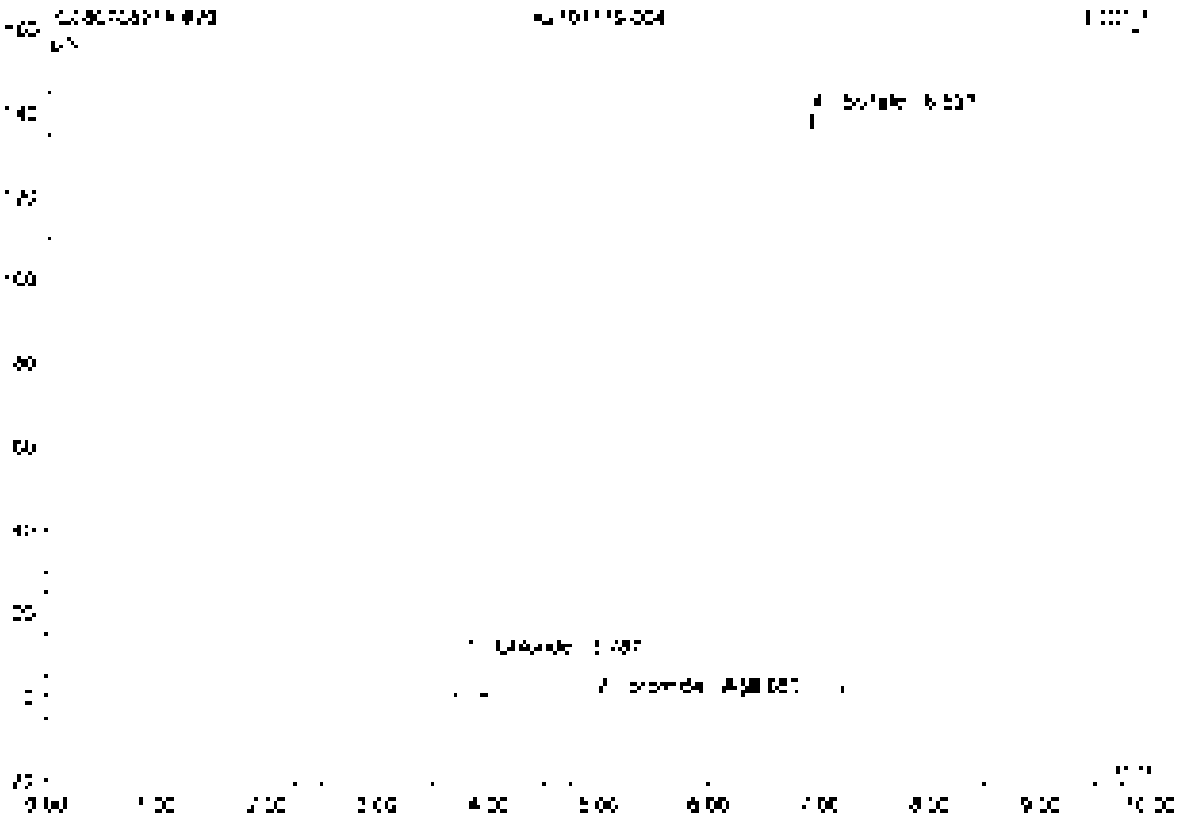
Sample Name	K2107119.003	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	200.0000
Processing Time	7/8/2021 23:23	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.79	Chlorate	0.217	3.324	3.56	28.700	BV8
2	6.04	n.a.	0.044	0.016	2.35	n.a.	BV8
3	6.74	Sulfate	3.061	0.643	94.09	1047.340	BV8
Total			3.321	0.688	100.00	1076.519	

29 K2107119-004

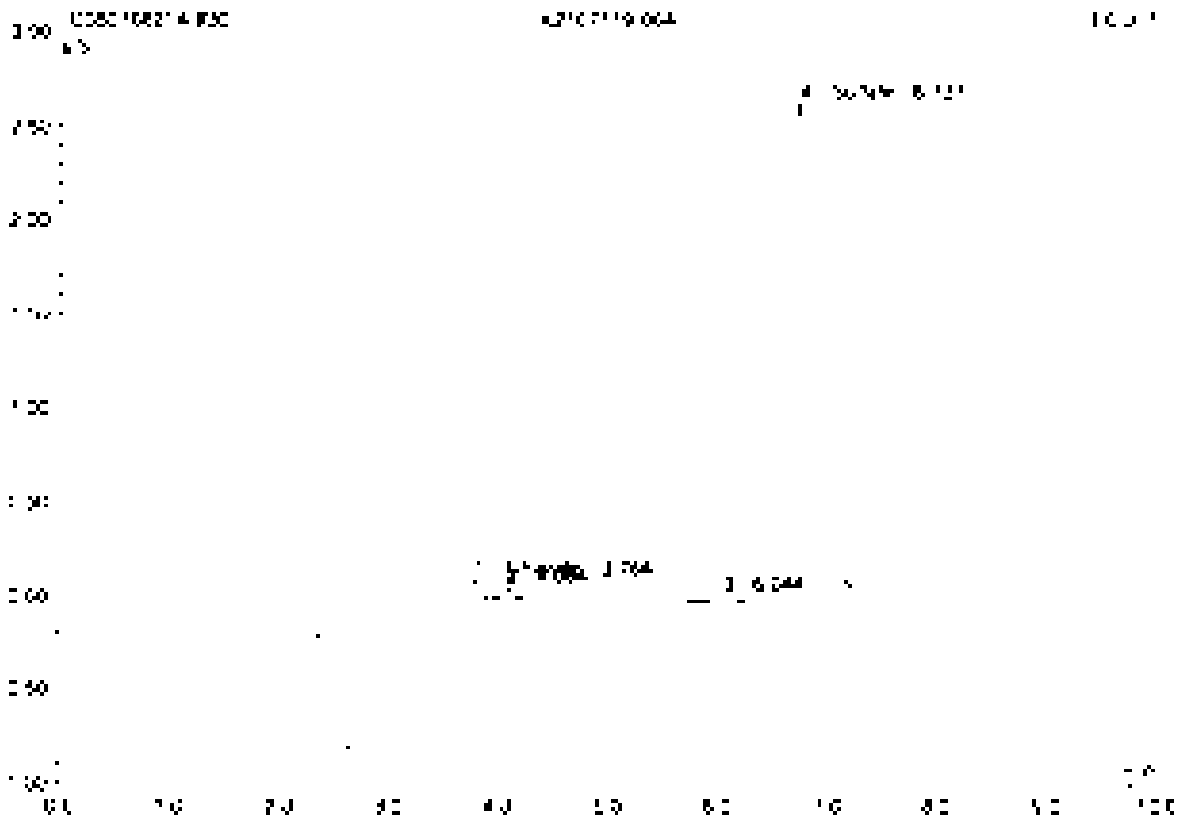
Sample Name	K2107119-004	Injection Volume	25.0
Vial Number	17	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Submit Method	epa300	Dilution Factor	5.0000
Recording Time	7/9/2021 23:40	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	6.258	1.061	2.32	31.521	BMB
2	4.59	Bromide	0.059	0.009	0.02	0.612	BMB
3	6.08	n.a.	0.139	0.022	0.05	n.a.	BMB
4	6.90	Sulfate	138.773	45.944	97.61	1562.899	BMB
Total:			148.229	47.036	100.00	1596.032	

3D K2107119-004

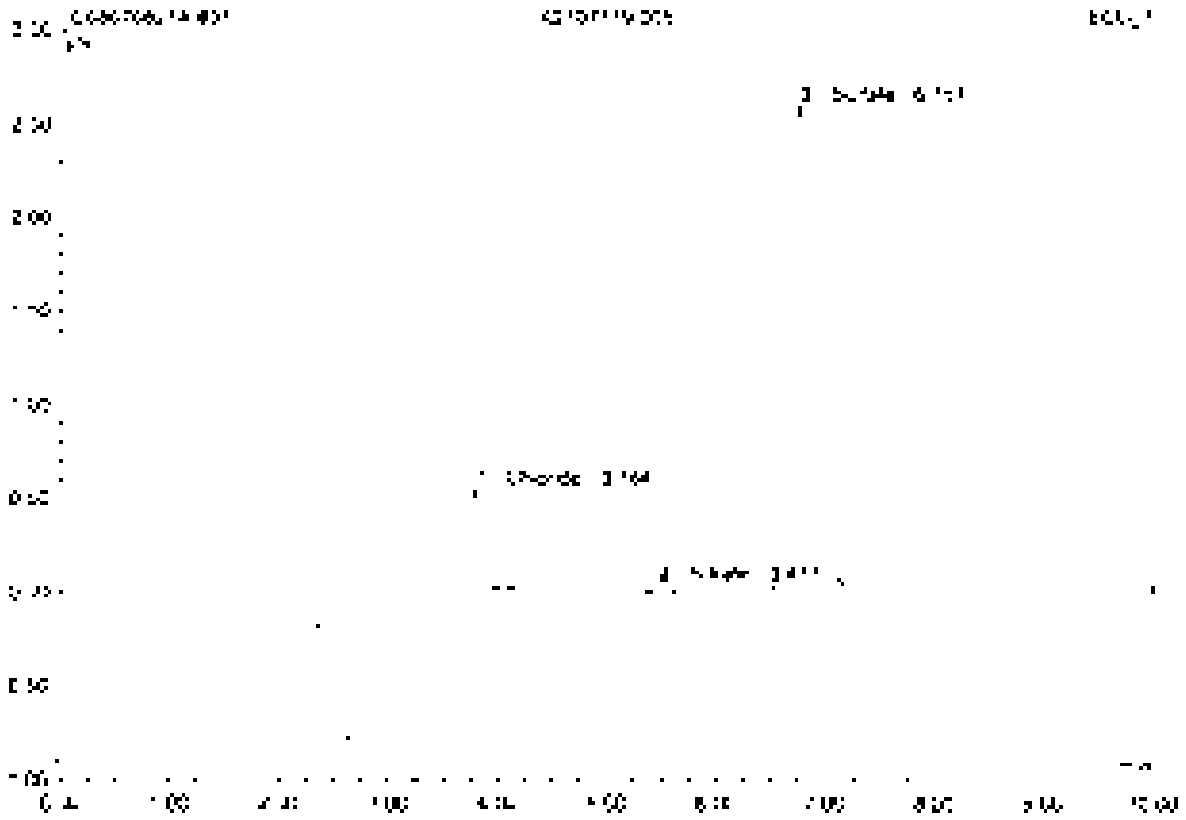
Sample Name	K2107119-004	Injection Volume	35.0
Vial Number	19	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	400.0000
Recording Time	7/8/2021 23:52	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chlorine	0.115	0.013	2.11	30.645	BMB
2	4.36	n.a.	0.007	0.008	1.34	n.a.	BMB
3	6.04	n.a.	0.039	0.009	1.45	n.a.	BMB
4	6.74	Sulfate	2.613	0.587	95.10	1928.597	BMB
Total:			2.842	0.618	100.00	1959.242	

31 K2107119-005

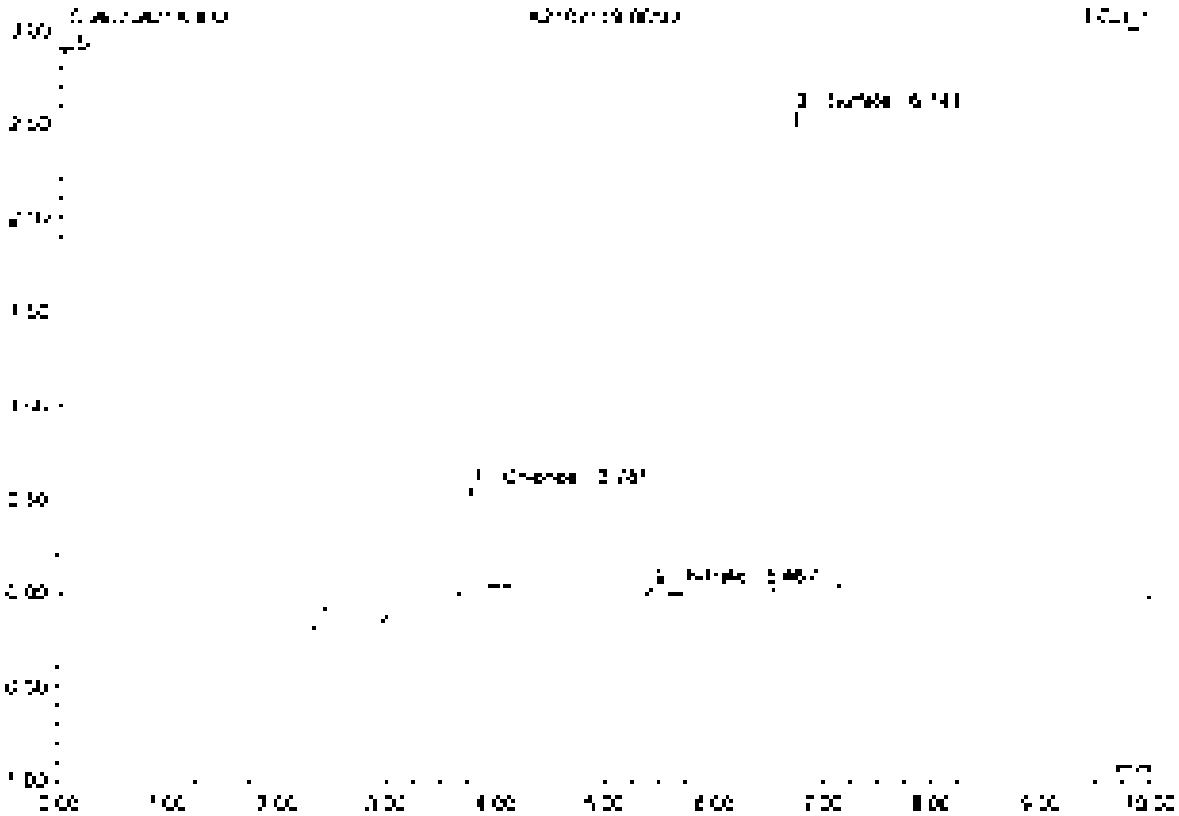
Sample Name	K2107119-005	Injection Volume	25.0
Vial Number	19	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Calibration Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	10.0000
Recording Time	7/9/2021 9:03	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chloride	0.553	0.067	10.81	3.536	BMB
2	5.48	Nitrate	0.019	0.006	0.99	0.345	BMB
3	6.75	Sulfate	2.564	0.545	88.20	44.318	BMB
Total:			3.158	0.618	100.00	48.218	

32 K2107119-005D

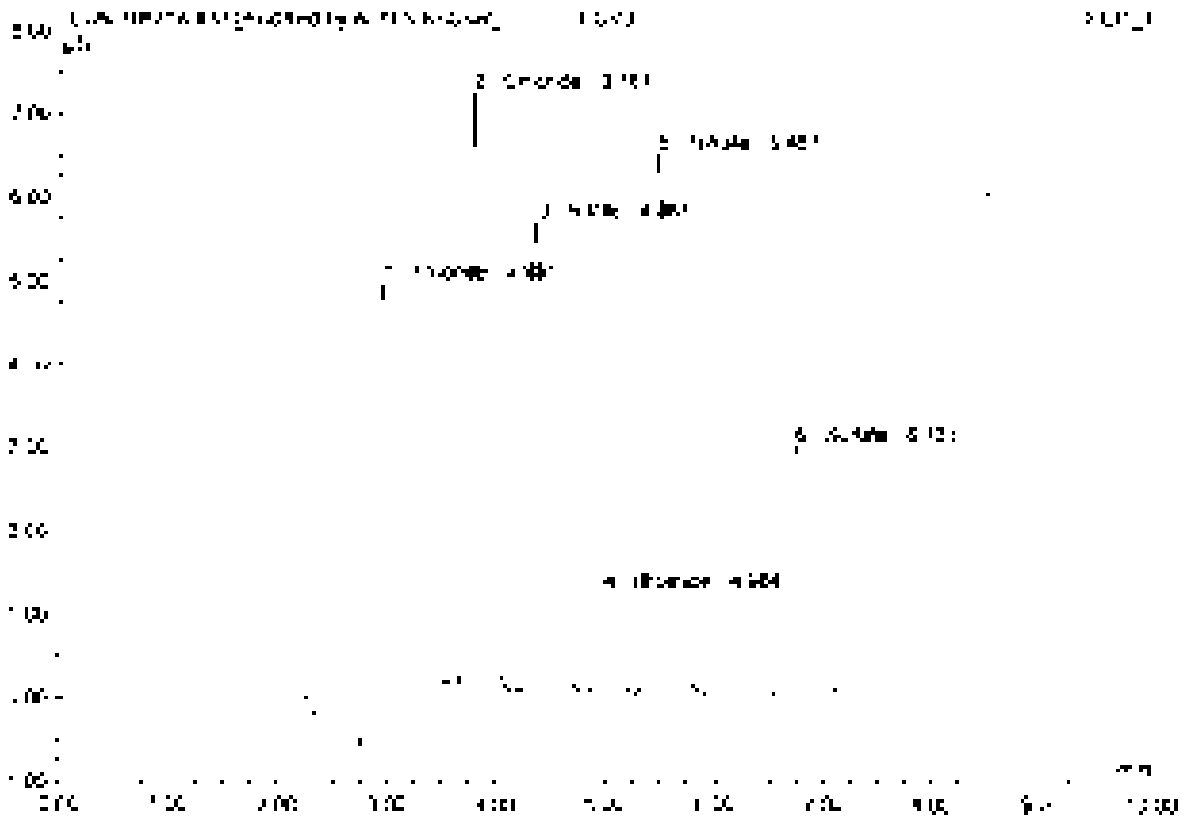
Sample Name	K2107119-005D	Injection Volume	25.0
Vial Number	20	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	10.0000
Recording Time	7/9/2021 0:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chloride	0.554	0.068	10.78	3.817	BMB
2	5.67	Nitrate	0.038	0.006	0.98	0.142	BVB
3	6.74	Sulfate	2.546	0.541	88.24	43.908	BVB
Total:			3.139	0.613	100.00	47.868	

33 CCV3

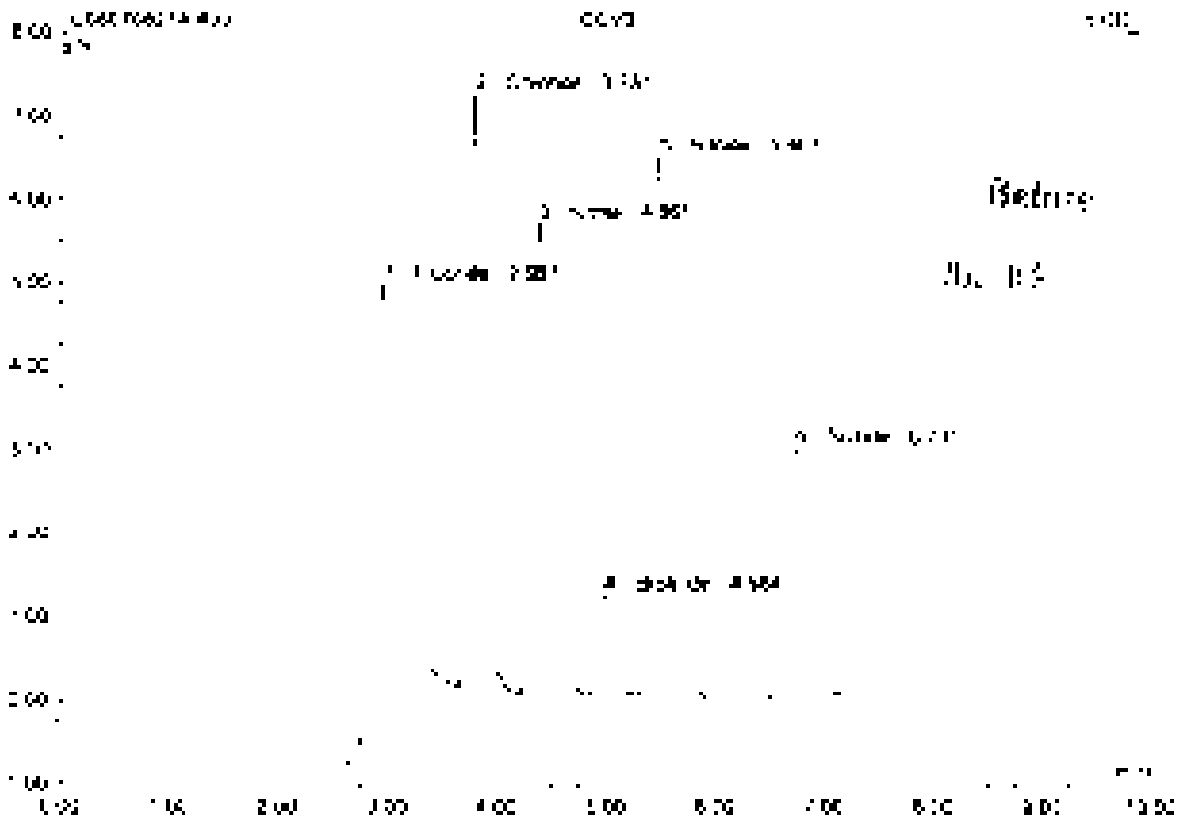
Sample Name	CCV3	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Source Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 9:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.85	Fluoride	5.337	1.250	25.98	4.979	BMB*
2	3.79	Chloride	7.106	0.834	17.32	4.815	BMB*
3	4.36	Nitrite	5.543	0.889	18.45	2.496	BMB
4	4.98	Bromide	1.196	0.172	3.57	2.424	BMB
5	5.47	Nitrate	5.465	1.044	21.70	2.452	BMB
6	6.70	Sulfate	2.975	0.624	12.95	5.063	BMB
Total:			28.721	4.812	100.00	22.228	

33 CCV3

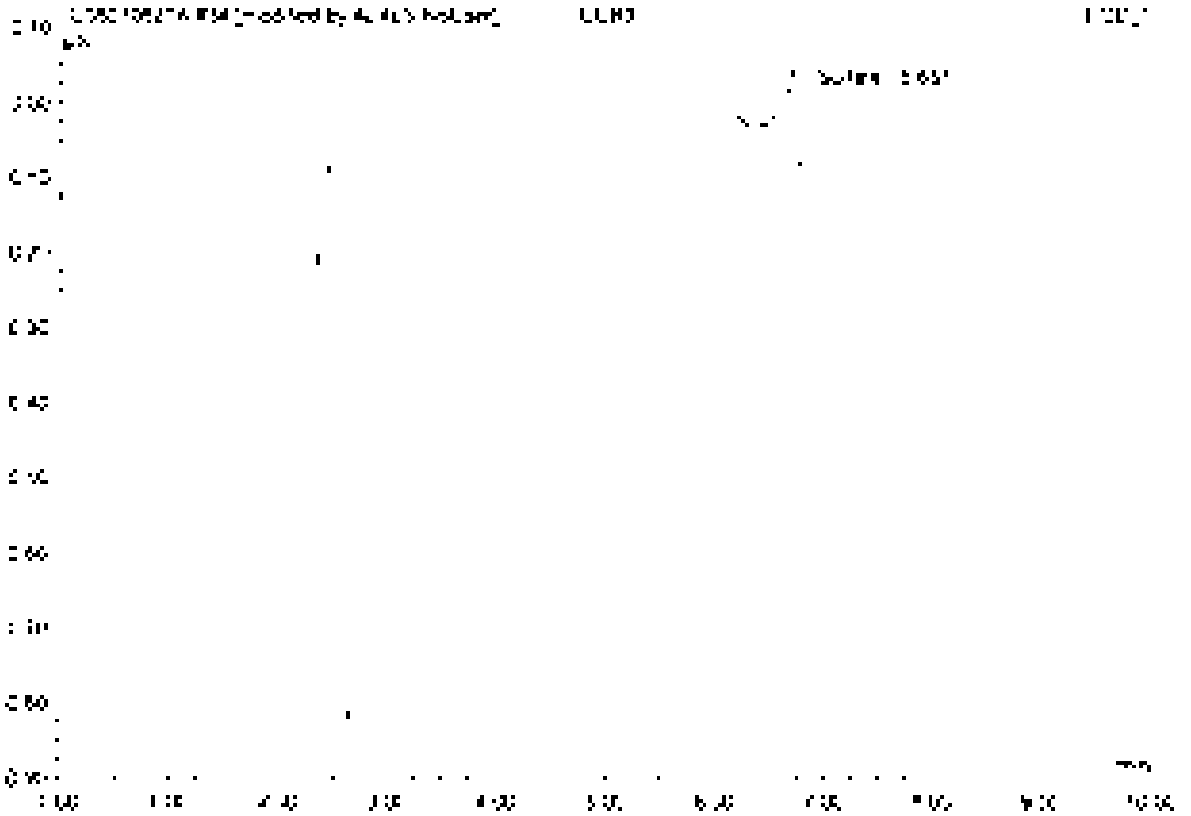
Sample Name	CCV3	Injection Volume	25.0
Vial Number	48	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
System Program	epa300	Bandwidth	n.a.
Guard Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 6:37	Sample Weight	1.0000
Run Time (min)	16.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	5.371	1.708	36.86	5.209	BMB
2	3.78	Chloride	7.189	0.834	17.12	4.215	BMB
3	4.36	Nitrite	5.643	0.888	19.24	2.456	BMB
4	4.98	Bromide	7.195	0.172	3.53	2.424	BMB
5	5.47	Nitrate	6.461	1.044	21.44	2.482	BMB
6	6.73	Sulfate	2.975	0.624	12.81	5.053	BMB
Total:			28.754	4.870	100.00	22.480	

34 CCB3

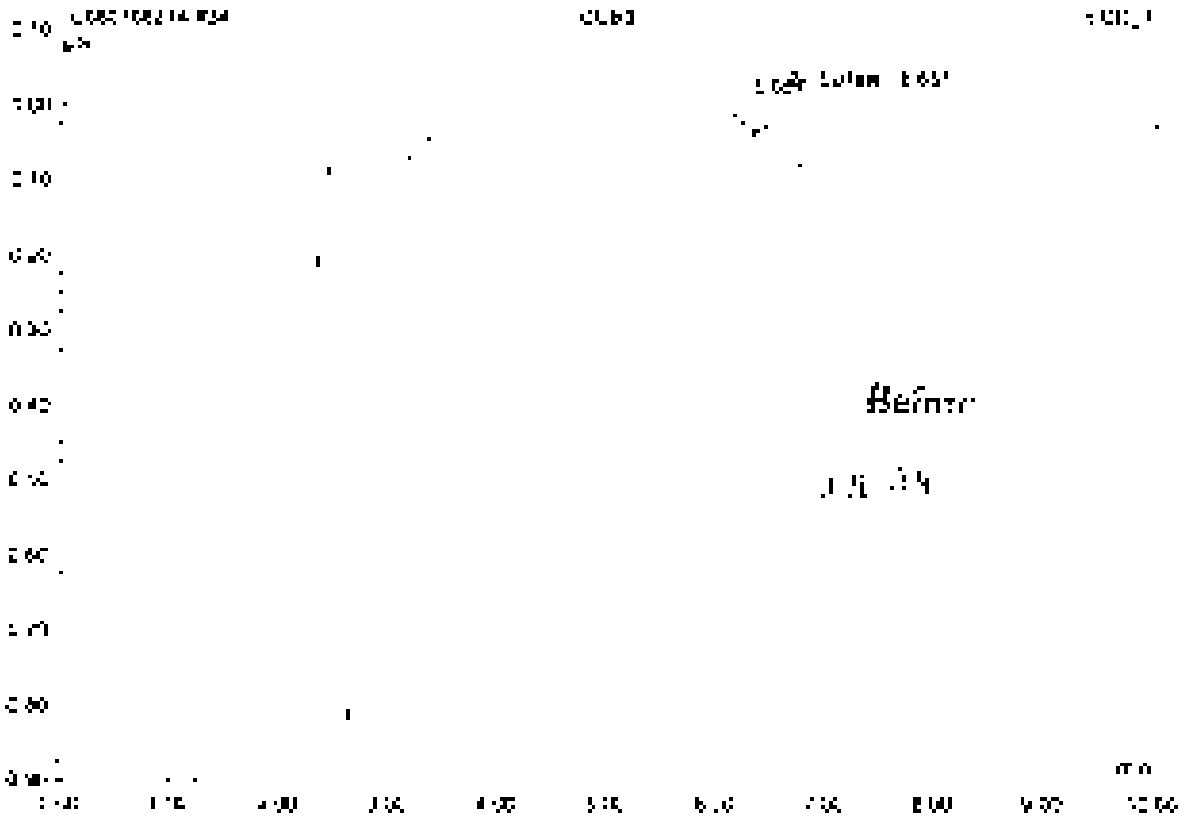
Sample Name	CCB3	Injection Volume	35.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 9:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.65	Sulfate	0.047	0.005	100.00	0.049	BV*B*
Total:			0.047	0.005	100.00	0.049	

34 CCB3

Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Sampling Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 6:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

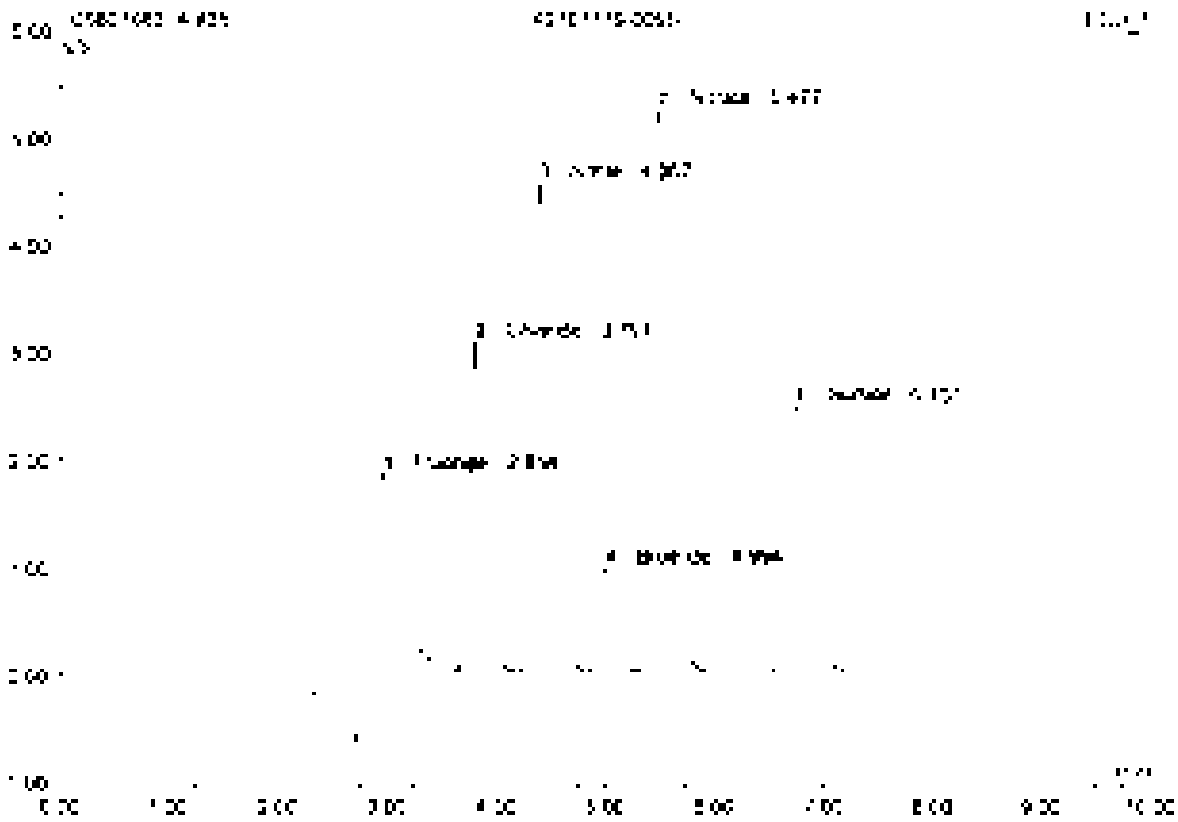


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.06	n.a.	0.109	1.364	58.83	n.a.	BMB
2	6.65	Sulfate	0.085	0.955	41.17	0.129	bMB
Total:			0.195	2.319	100.00	0.129	

35 K2107119-005S

needs reanalysis

Sample Name	K2107119-005S	Injection Volume	35.0
Vial Number	21	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	20.0000
Recording Time	7/9/2021 0.30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

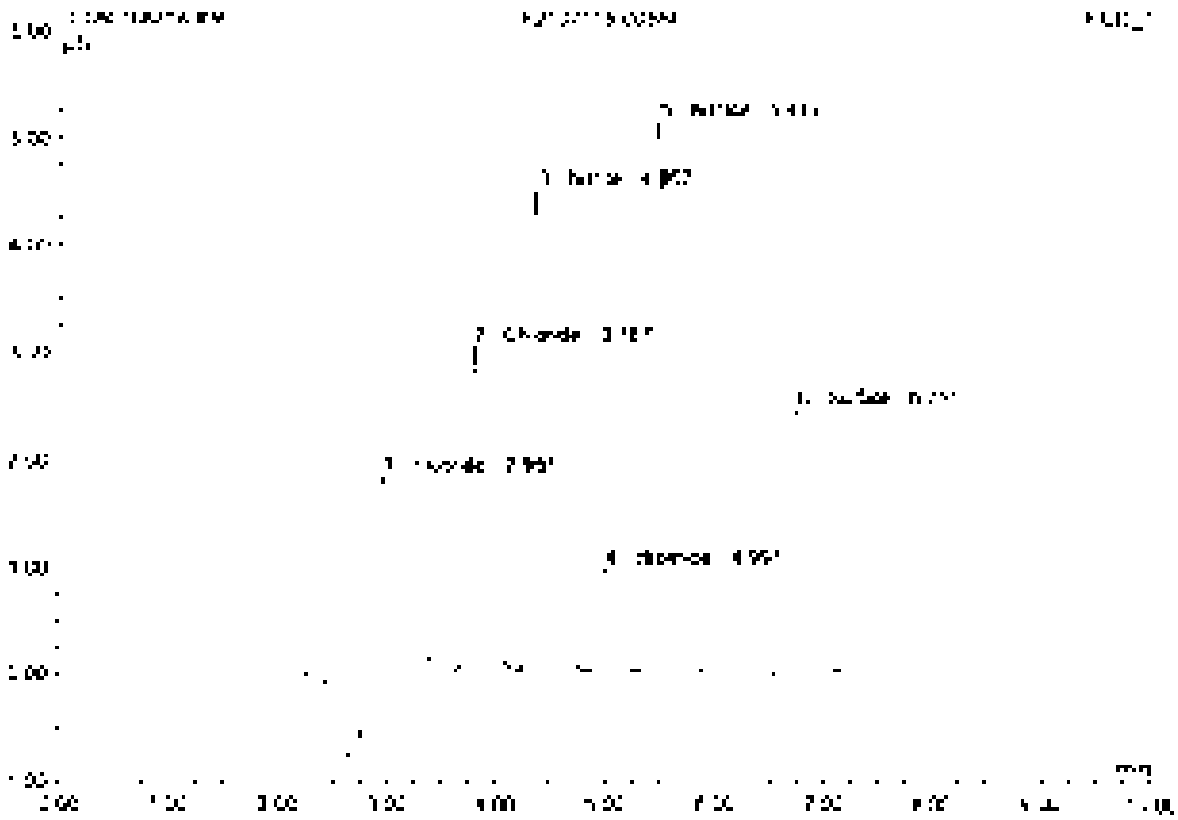


No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.95	Fluoride	2.335	0.642	19.80	51.123	BMB
2	3.73	Chloride	2.058	0.354	11.22	42.047	BMB
3	4.37	Nitrite	4.565	0.719	22.18	40.415	BMB
4	4.99	Bromide	0.874	0.140	4.31	35.420	BMB
5	5.48	Nitrate	5.243	0.850	26.20	40.425	BMB
6	6.75	Sulfate	2.486	0.537	16.26	26.622	BMB
Total:			18.562	3.243	100.00	236.055	

36 K2107119-005SD

needs reanalysis

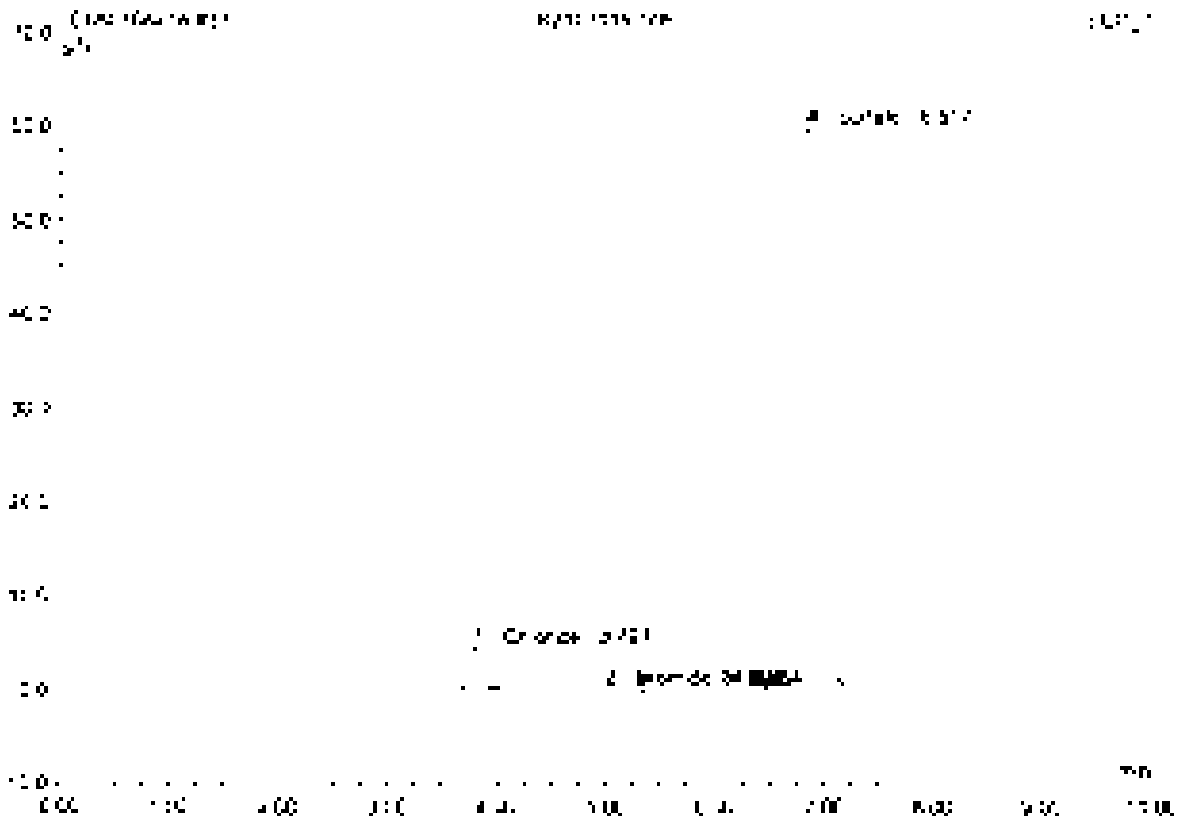
Sample Name	K2107119-005SD	Injection Volume	35.0
Vial Number	22	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	20.0000
Recording Time	7/9/2021 1:02	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.85	Fluoride	2.303	0.528	13.72	50.903	BMB
2	3.79	Chloride	3.002	0.356	11.19	41.145	BMB
3	4.37	Nitrite	5.459	0.703	22.09	39.531	BMB
4	4.99	Bromide	0.956	0.139	4.33	38.930	BMB
5	5.48	Nitrate	5.136	0.834	26.21	39.666	BMB
6	6.75	Sulfate	2.409	0.524	16.46	85.065	BMB
Total:			19.351	3.183	100.00	294.240	

37 K2107119-006

Sample Name	K2107119-006	Injection Volume	25.0
Vial Number	23	Channel	EGD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Standard Method	apa300	Dilution Factor	10.0000
Recording Time	7/9/2021 1:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

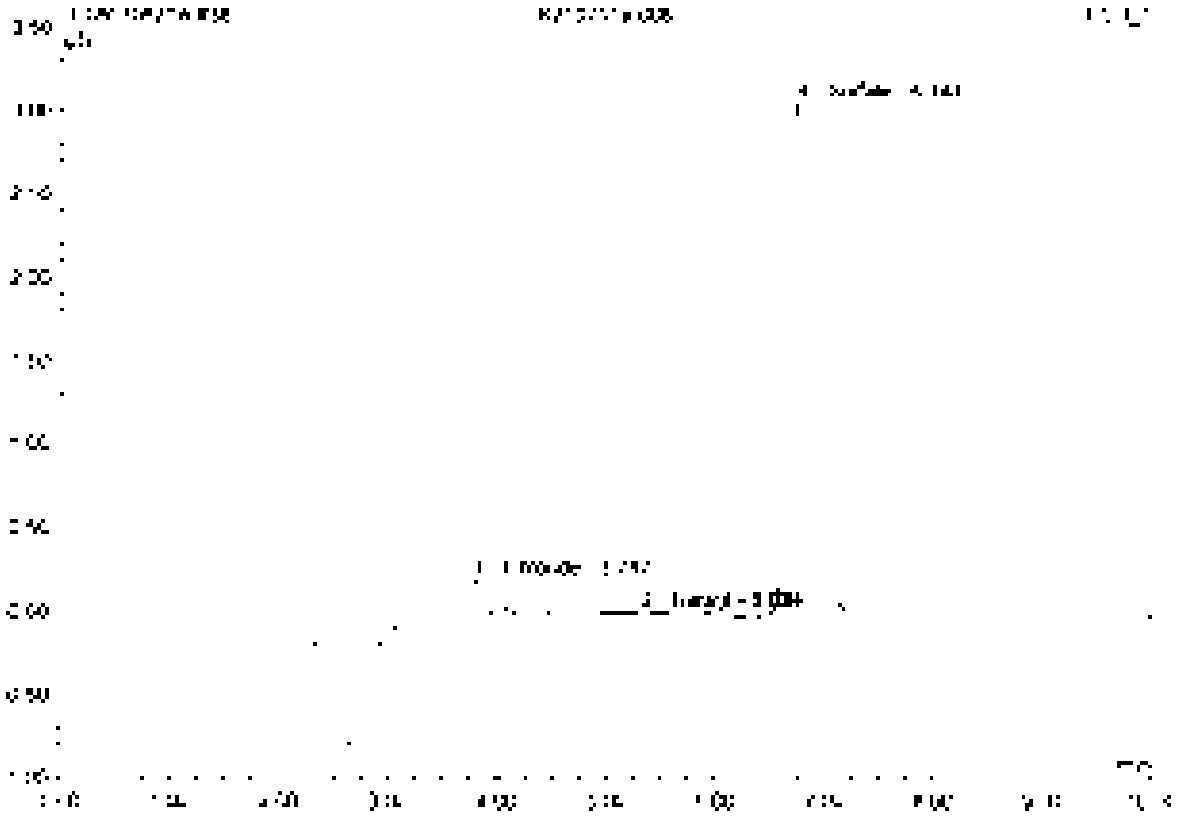


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.73	Chloride	4.456	0.533	3.39	30.8[illegible]	BMB
2	4.99	Bromide	0.032	0.005	0.03	0.709	BMB
3	6.05	n.a.	0.090	0.025	0.17	n.a.	bMB
4	6.82	Sulfate	59.181	15.092	96.41	1,216,224	BMB
Total:			63.758	15.654	100.00	1,258,564	

38 K2107119-006

needs reanalysis

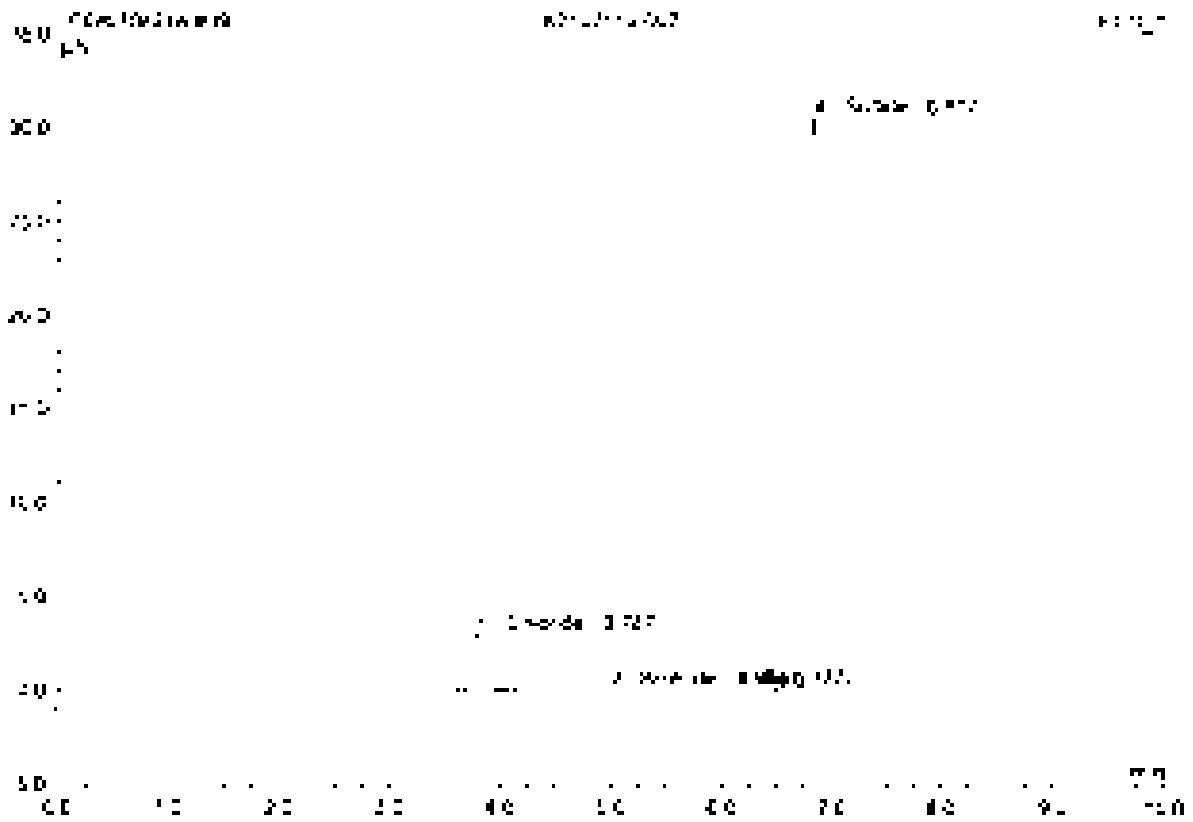
Sample Name	K2107119-006	Injection Volume	25.0
Vial Number	28	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	200.0000
Recording Time	7/8/2021 5:25	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	0.274	0.025	3.61	25.278	BMB
2	5.32	Nitrate	0.016	0.009	1.28	4.175	BMb
3	6.05	n.a.	0.035	0.008	1.12	n.a.	BMB
4	6.74	Sulfate	3.855	0.552	93.96	1049.289	BVB
Total:			3.323	0.594	100.00	1092.742	

39 K2107119-007

Sample Name	K2107119-007	Injection Volume	25.0
Vial Number	26	Channel	EGD 1
Sample Type	unknown	Wavelength	n.a
Comm Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Processing Time	7/9/2021 1:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

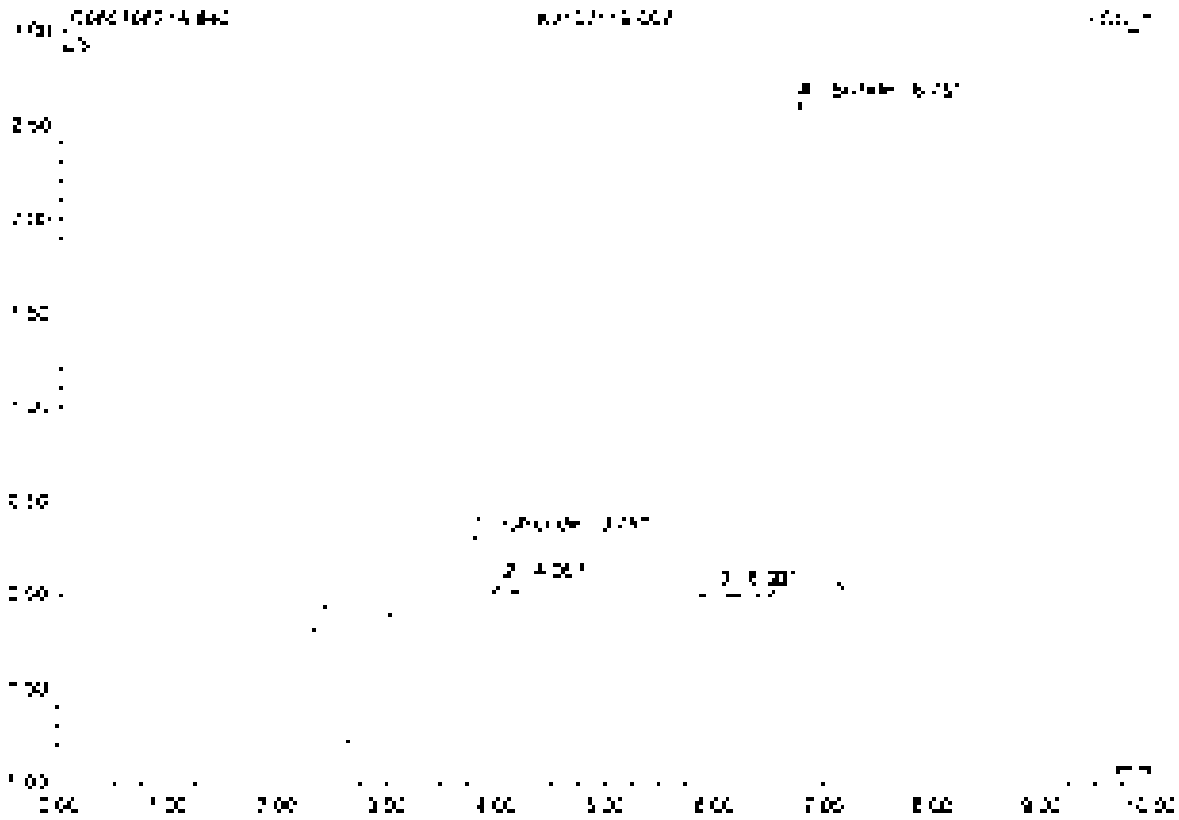


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	2.992	0.081	5.60	[illegible]	BMB
2	4.59	Bromide	0.038	0.006	0.04	[illegible]	BMB
3	6.38	n.a.	0.023	0.007	0.46	n.a.	BMB
4	6.82	Sulfate	30.236	6.082	94.21	98.746	BMB
Total:			33.290	6.455	100.00	103.081	

40 K2107119-007

needs reanalysis

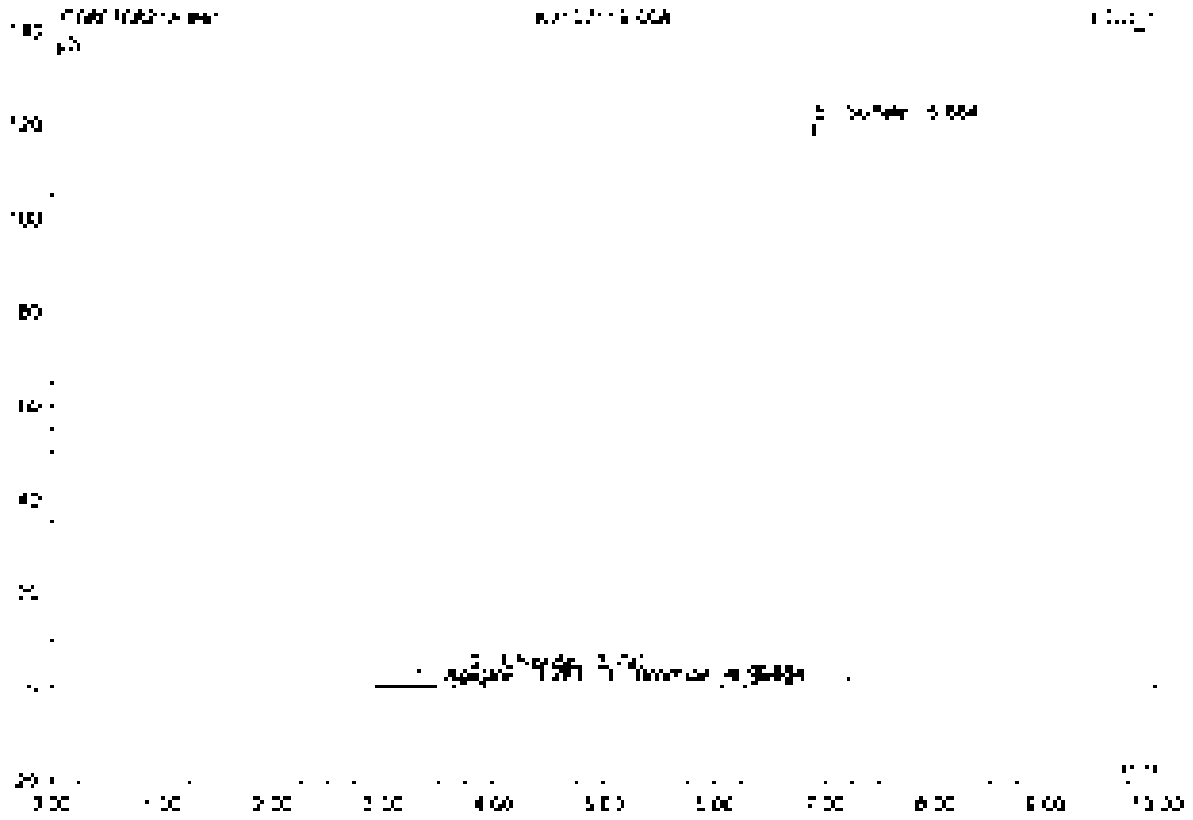
Sample Name	K2107119-007	Injection Volume	25.0
Vial Number	26	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	20.0000
Recording Time	7/9/2021 3:48	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.79	Chloride	0.014	0.035	5.52	4.672	BMB
2	4.07	n.a.	0.048	0.006	0.93	n.a.	BMB
3	6.03	n.a.	0.032	0.007	1.17	n.a.	BMB
4	6.75	Sulfate	2.513	0.559	92.38	90.895	BMB
Total:			2.607	0.606	100.00	94.568	

41 K2107119-008

Sample Name	K2107119-008	Injection Volume	26.0
Vial Number	27	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	7/9/2021 2:00	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

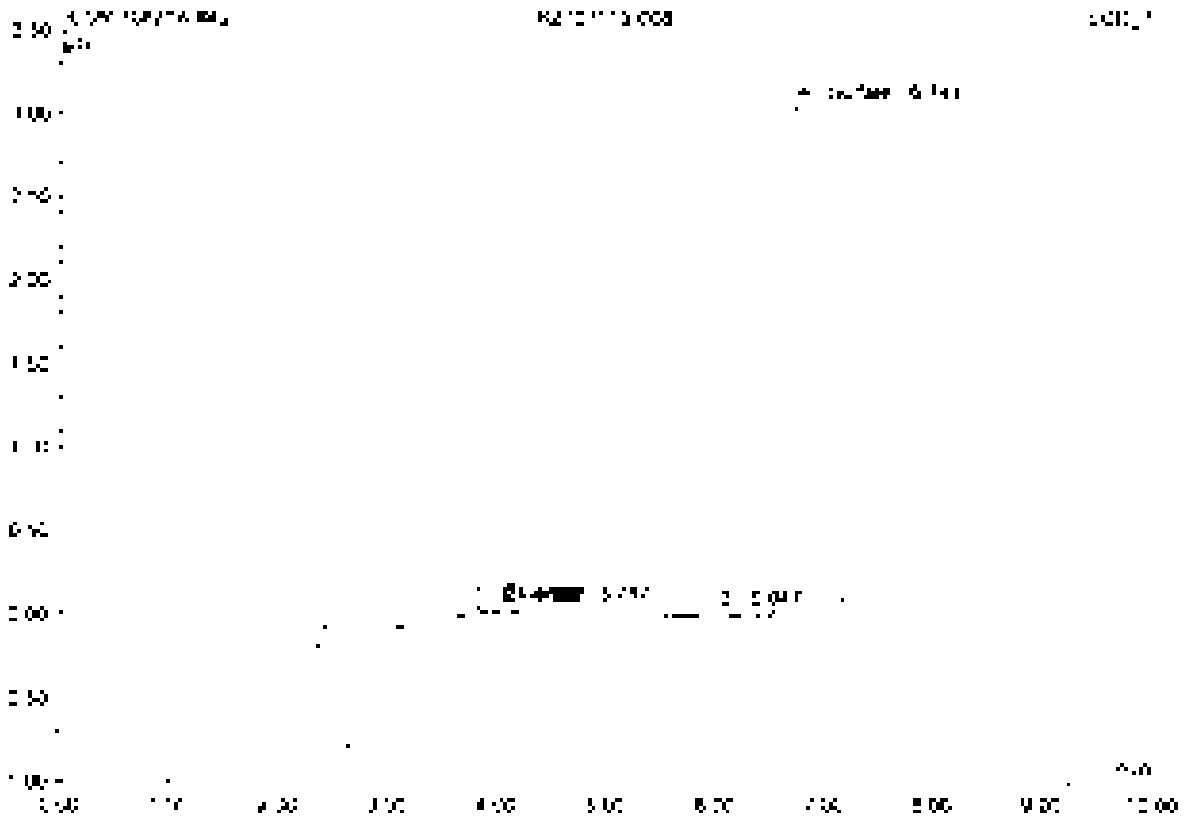


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	0.99	Acetate	0.274	0.207	0.54	n.a.	BMB
2	2.79	Chloride	2.943	0.355	0.92	4.695	BMB
3	4.99	Bromide	0.039	0.025	0.02	0.196	BMB
4	6.06	n.a.	0.131	0.072	0.06	n.a.	BMB
5	6.85	Sulfate	119.150	37.794	98.46	610.945	BMB
Total:			122.541	38.384	100.00	617.909	

42 K2107119-008

needs reanalysis

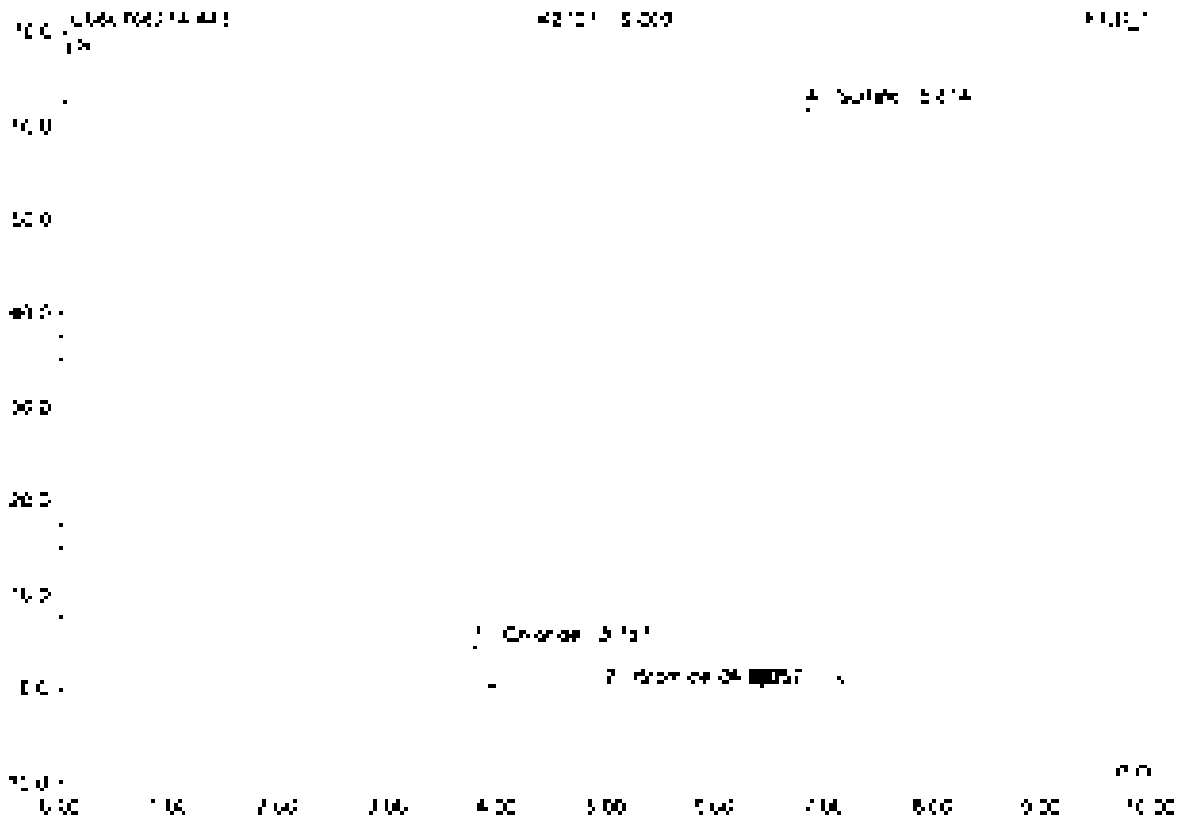
Sample Name	K2107119-008	Injection Volume	25.0
Vial Number	28	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Column Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	100.0000
Recording Time	7/9/2021 2:12	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chlorate	0.072	0.024	3.38	12.705	BMB
2	4.07	n.a.	0.046	0.006	0.85	n.a.	BMB
3	6.05	n.a.	0.041	0.013	1.77	n.a.	BMB
4	6.74	Sulfate	0.931	0.684	94.02	549.255	BMB
Total:			2.121	0.727	100.00	562.964	

43 K2107119-009

Sample Name	K2107119-009	Injection Volume	35.0
Vial Number	29	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	10.0000
Recording Time	7/8/2021 2:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

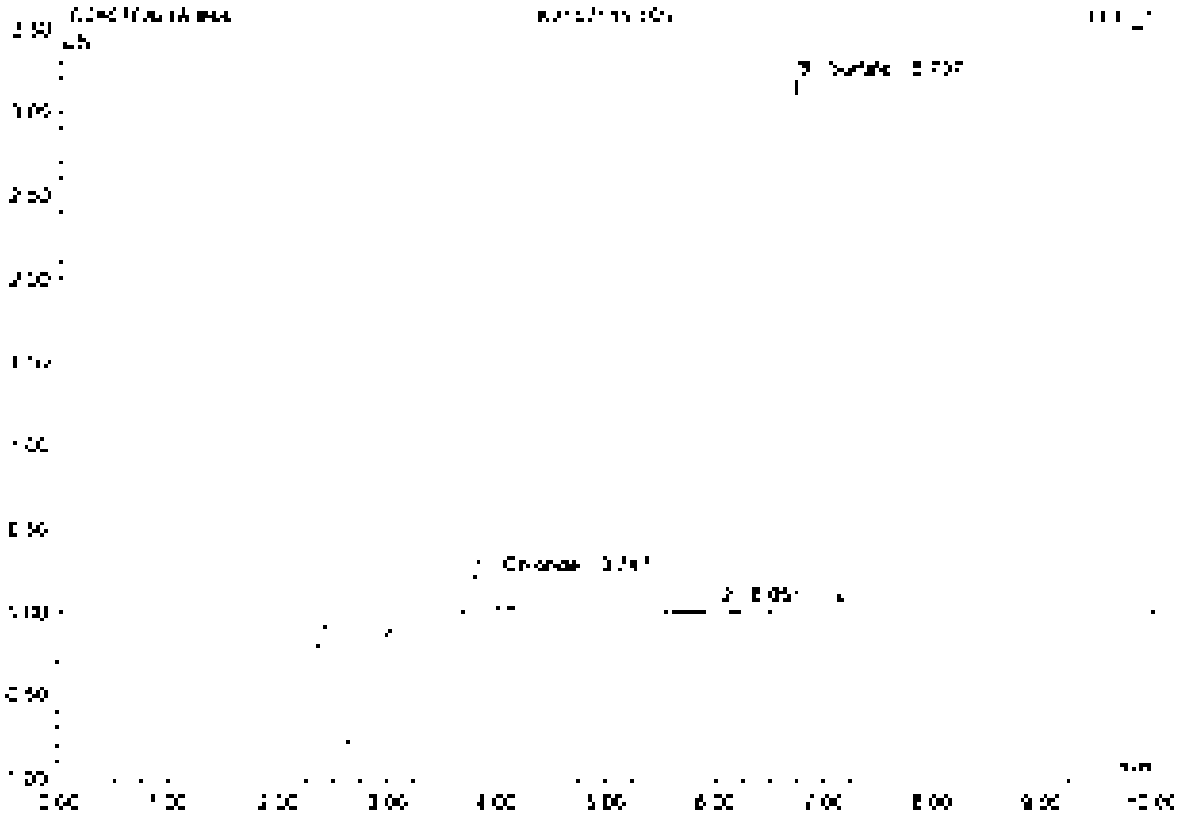


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	4.478	0.530	3.21	30.596	BMB
2	4.59	Bromide	0.033	0.006	0.03	0.058	BMB
3	6.06	n.a.	0.095	0.025	0.16	n.a.	BMB
4	6.81	Sulfate	61.355	15.924	96.60	1292.[illegible]	BMB
Total:			65.962	16.485	100.00	1324.142	

44 K2107119-009

noods reanalysis

Sample Name	K2107119-009	Injection Volume	25.0
Vial Number	30	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	200.0000
Processing Time	7/9/2021 2:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

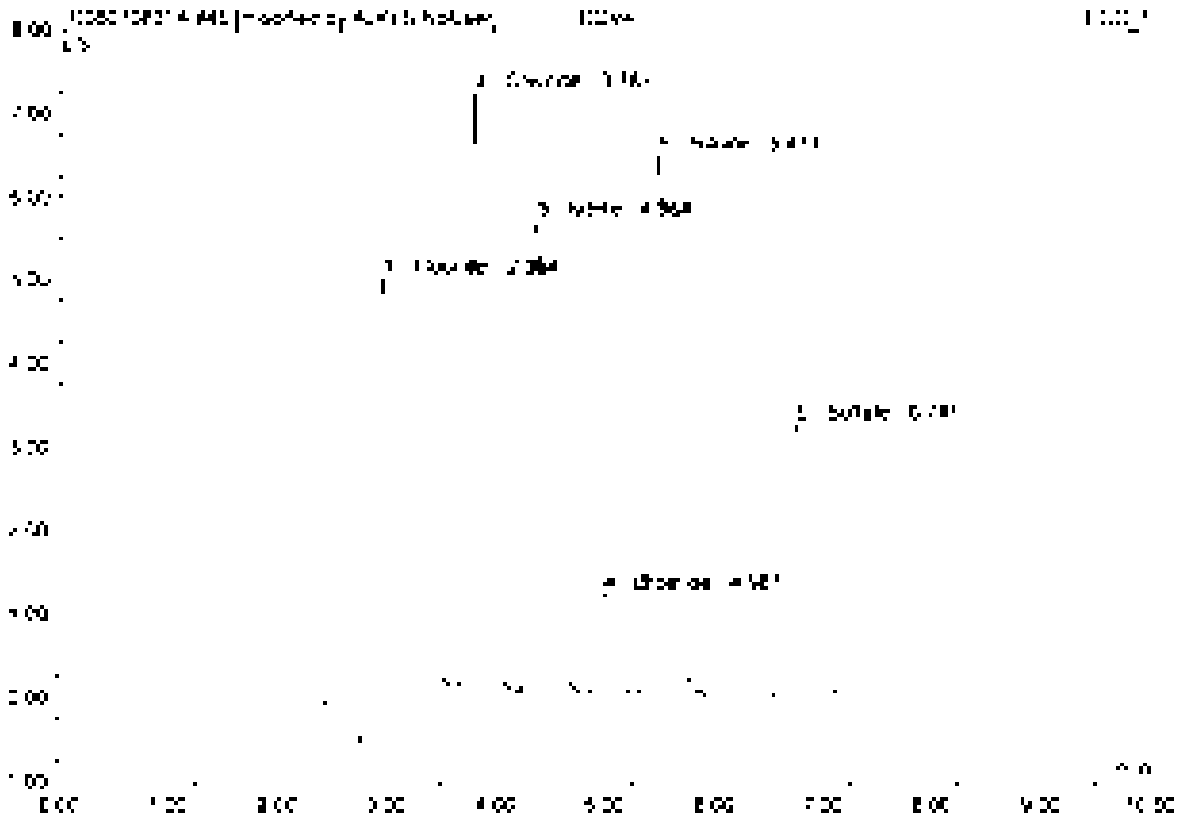


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	0.223	0.030	4.70	[illegible]	BMB
2	6.05	n.a.	0.043	0.002	1.25	n.a.	BMB
3	6.74	Sulfate	2.153	0.670	94.02	[illegible]	BMB
Total:			2.428	0.712	100.00	1122.204	

45 CCV4

SO4 OUT

Sample Name	CCV4	Injection Volume	35.0
Vial Number	48	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 2:46	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

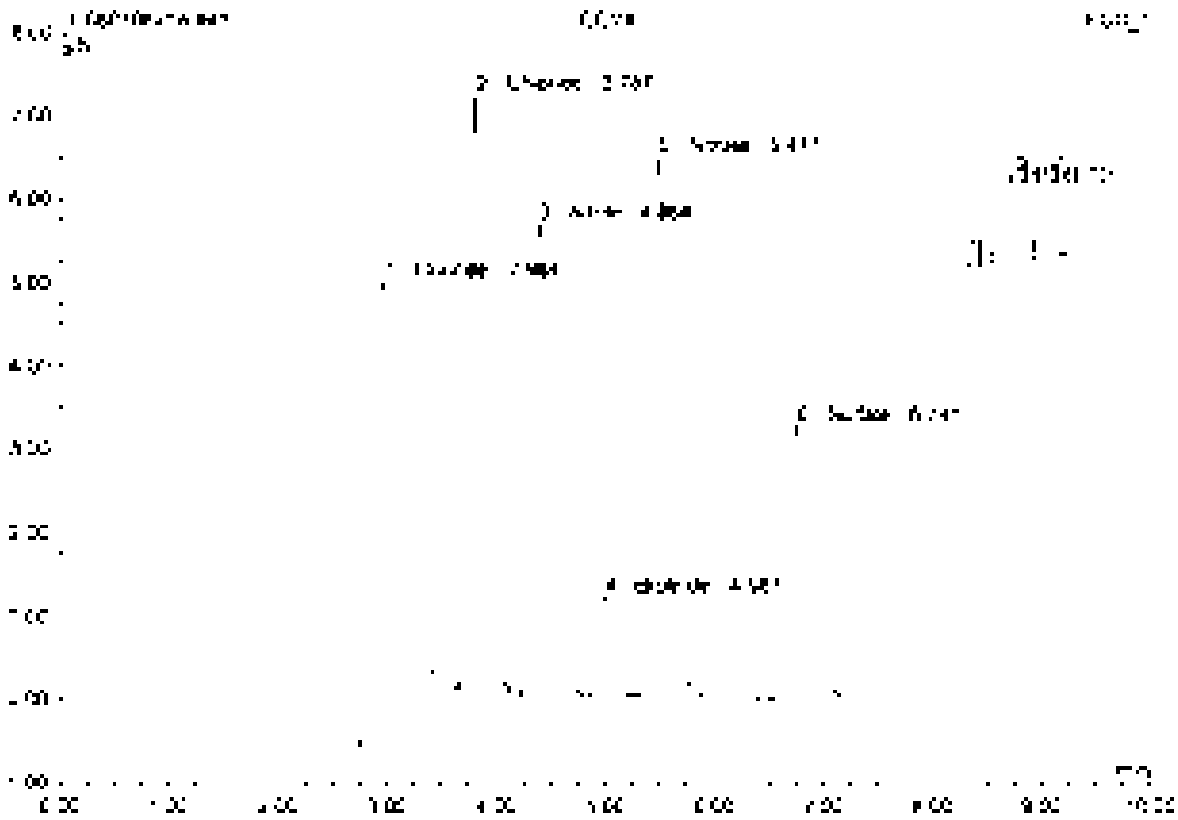


No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.05	Fluoride	5.338	1.761	25.81	5.071	BV*B*
2	2.73	Chloride	7.127	0.835	17.05	4.872	BV*B*
3	4.36	Nitrite	5.500	0.848	18.17	2.495	BMB
4	4.90	Bromide	1.197	0.172	3.52	2.422	BMB
5	5.47	Nitrate	6.474	1.047	21.43	2.482	BVB
6	5.74	Sulfate	3.250	0.592	12.07	5.540	BVB
Total:			29.120	4.885	100.00	22.785	

46 CCV4

SO4 OUT

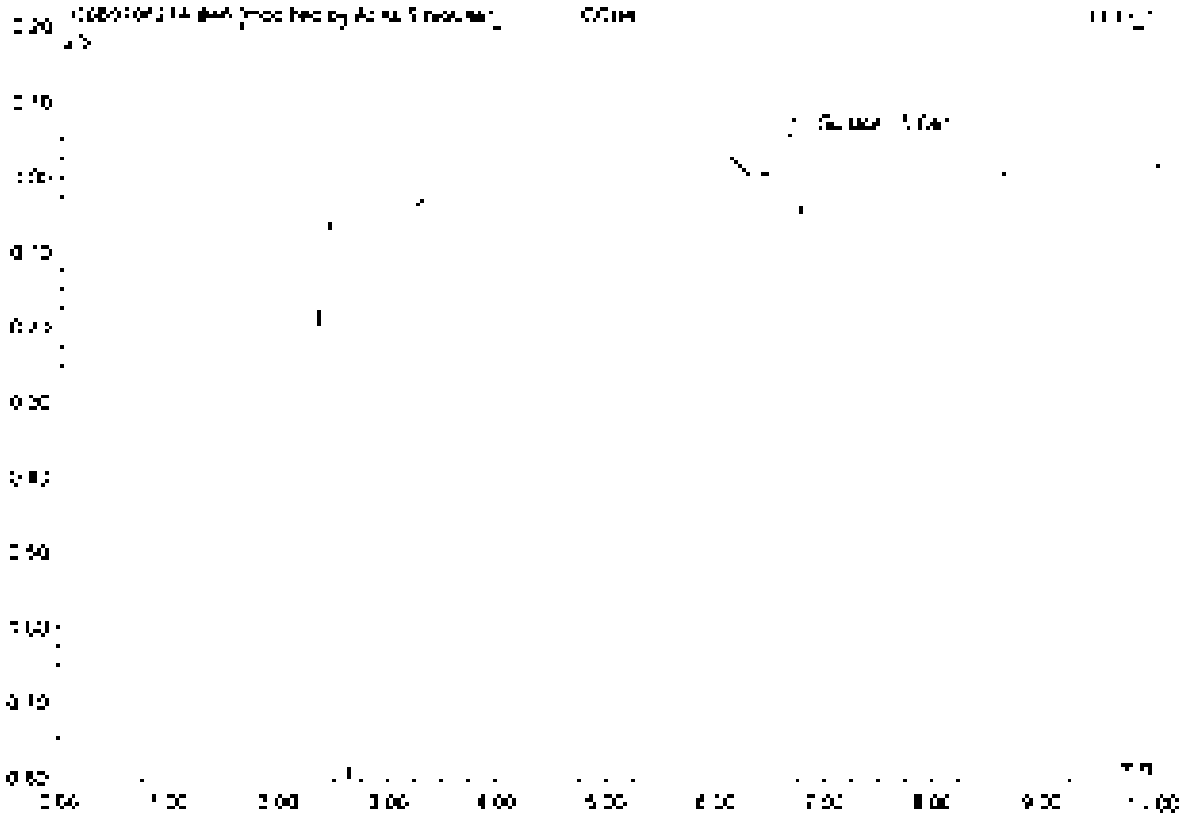
Sample Name	CCV4	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Comm. Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	7/8/2021 3:46	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.55	Fluoride	5.429	1.316	25.64	5.239	BMB
2	3.79	Chloride	7.127	0.835	16.90	4.822	BMB
3	4.35	Nitrite	5.666	0.889	17.97	2.495	BMB
4	4.59	Bromide	1.107	0.172	3.48	2.422	BMB
5	5.47	Nitrate	6.874	1.047	21.20	2.499	BMB
6	6.74	Sulfate	3.759	0.682	13.82	5.540	BMB
Total:			29.152	4.939	100.00	23.005	

46 CCB4

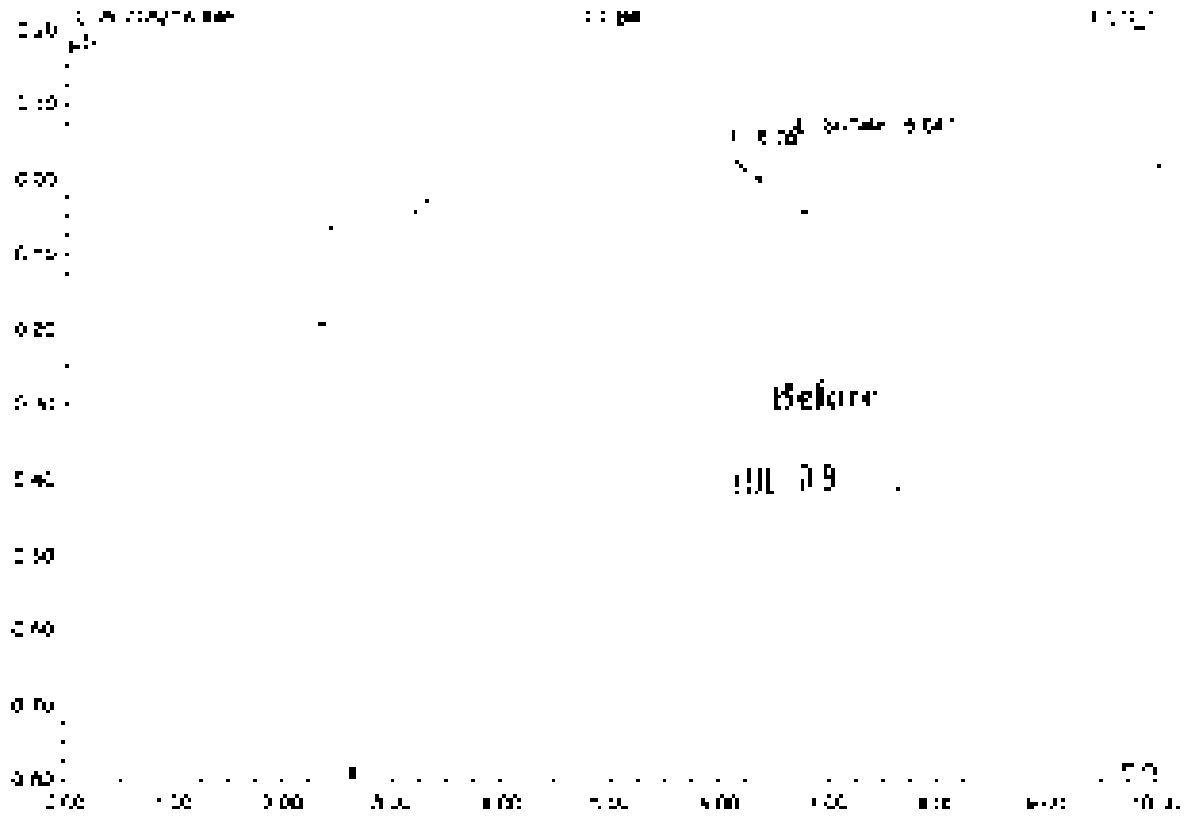
Sample Name	CCB4	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	1.0000
Recording Time	7/5/2021 2:58	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.64	S. Iwin	0.050	0.007	100.00	0.056	BMB*
Total:			0.050	0.007	100.00	0.056	

46 CCB4

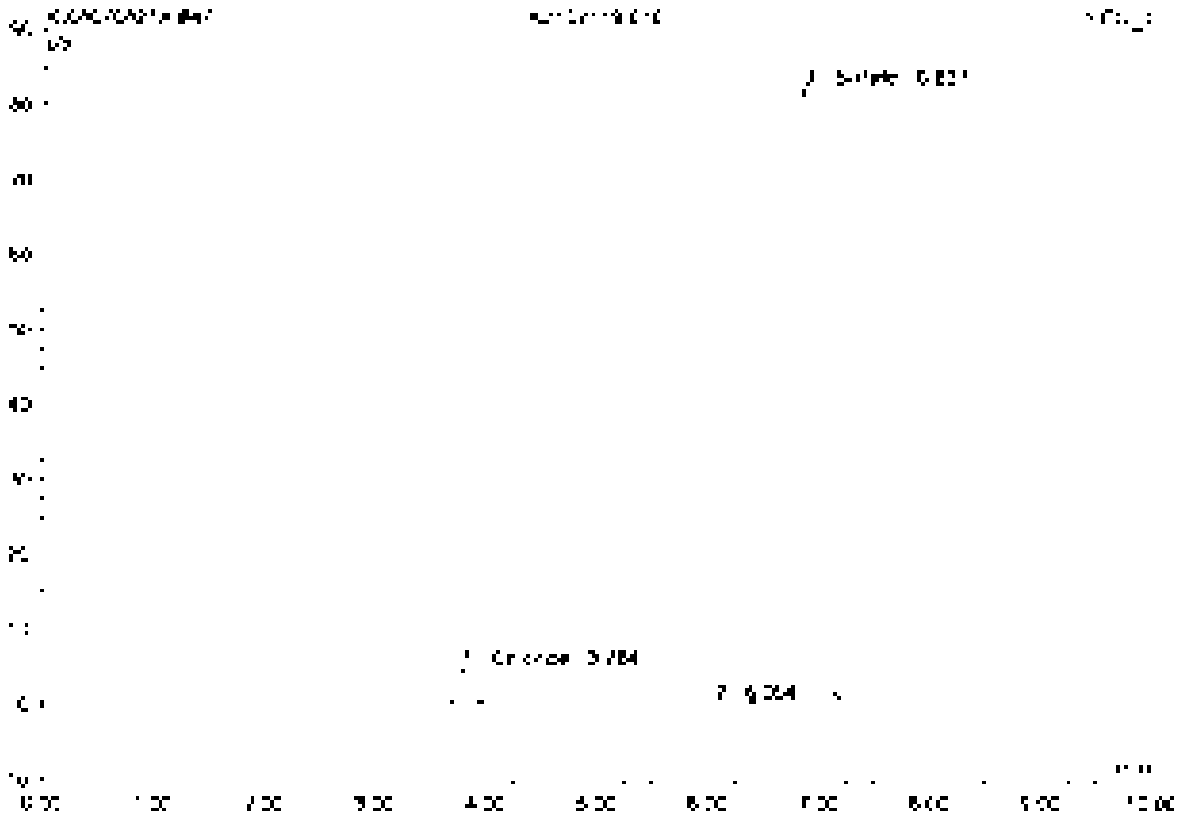
Sample Name	CCB4	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/8/2021 2:58	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.95	n.a.	0.133	1.364	98.80	n.a.	BMB
2	8.54	Sulfate	0.090	0.017	1.20	0.135	BMB
Total:			0.142	1.381	100.00	0.135	

47 K2107119-010

Sample Name	K2107119-010	Injection Volume	25.0
Vial Number	31	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	10.0000
Recording Time	7/9/2021 3:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

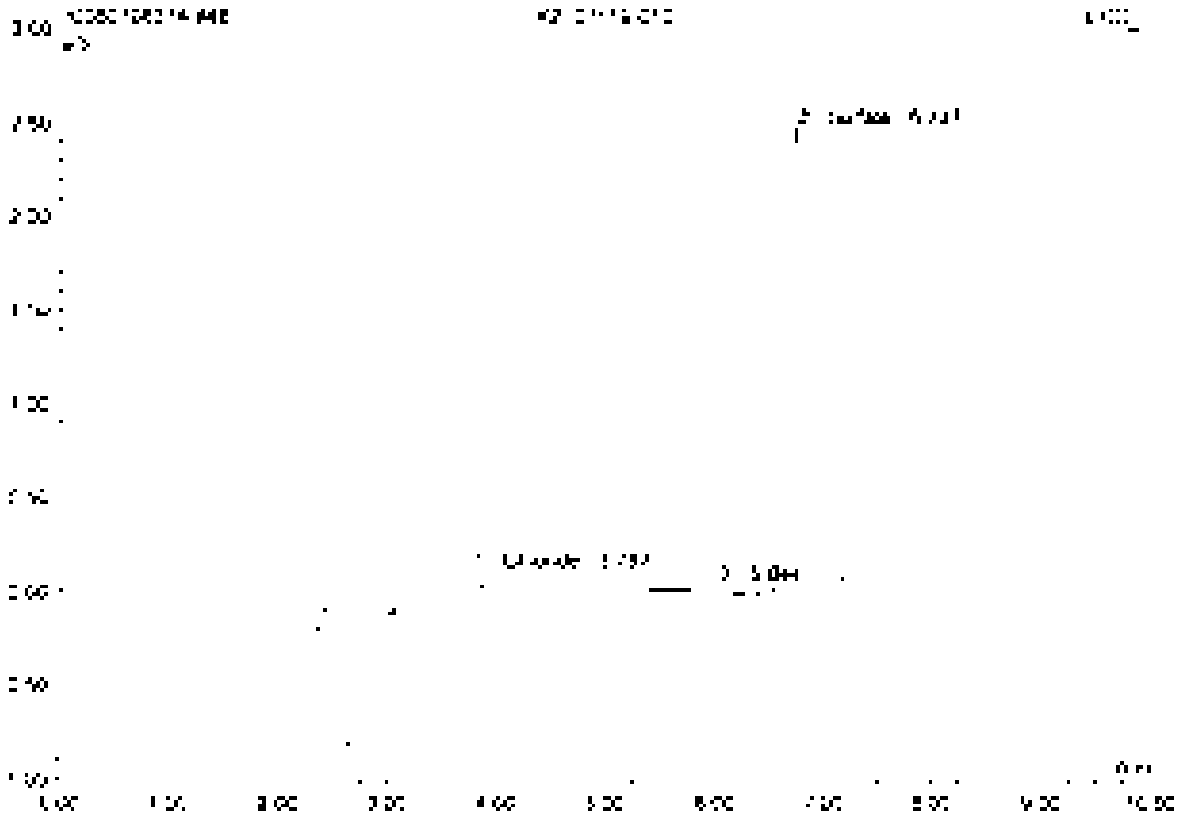


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chloride	4.623	0.550	2.32	31.775	BMB
2	6.06	n.a.	0.106	0.028	0.09	n.a.	BMB
3	8.84	Sulfate	87.423	23.137	97.59	1817.535	BMB
Total:			86.152	23.703	100.00	1849.310	

46 K2107119-010

needs reanalysis

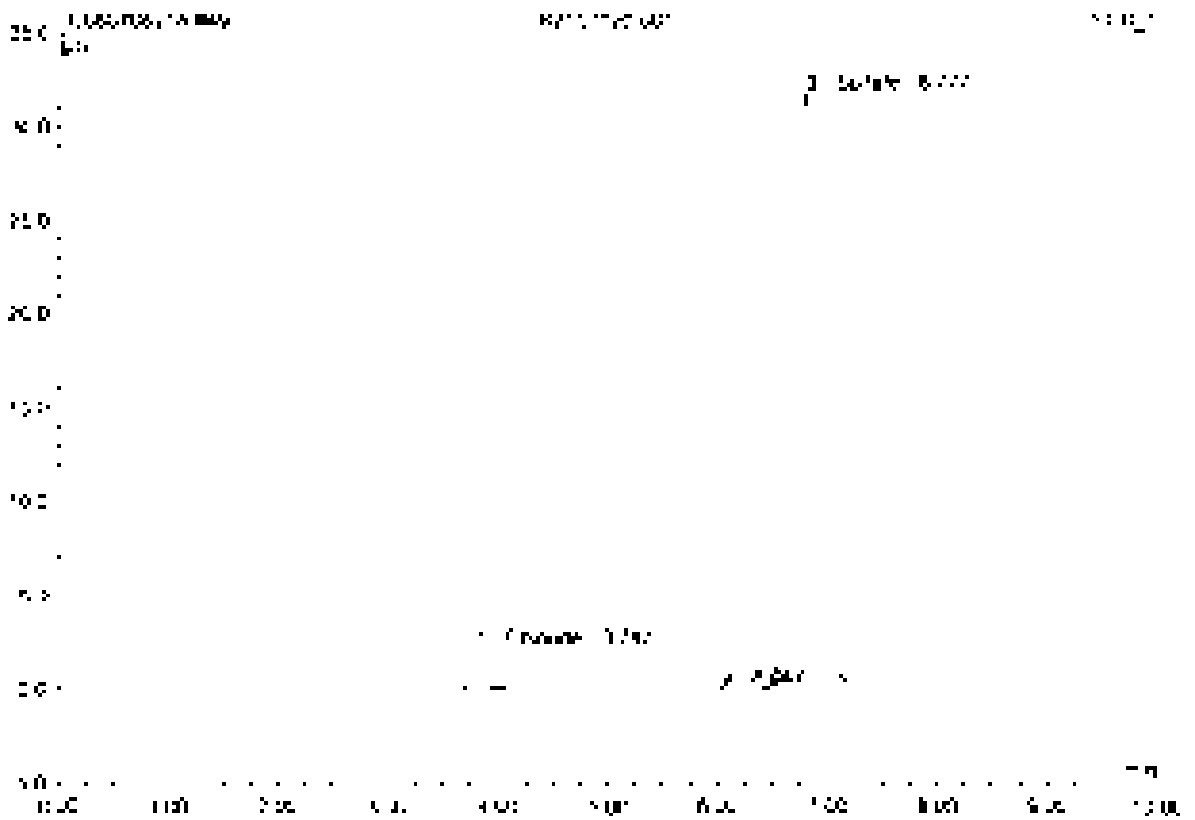
Sample Name	K2107119-010	Injection Volume	25.0
Vial Number	32	Channel	eCD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	400.0000
Recording Time	7/9/2021 3:32	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.79	Chloride	0.153	0.060	9.73	128.470	BMB
2	6.94	n.a.	0.045	0.015	2.67	n.a.	BMB
3	8.04	Sulfate	2.443	0.543	87.61	1757.935	BMB
Total:			2.641	0.616	100.00	1886.405	

49 K2107120-001

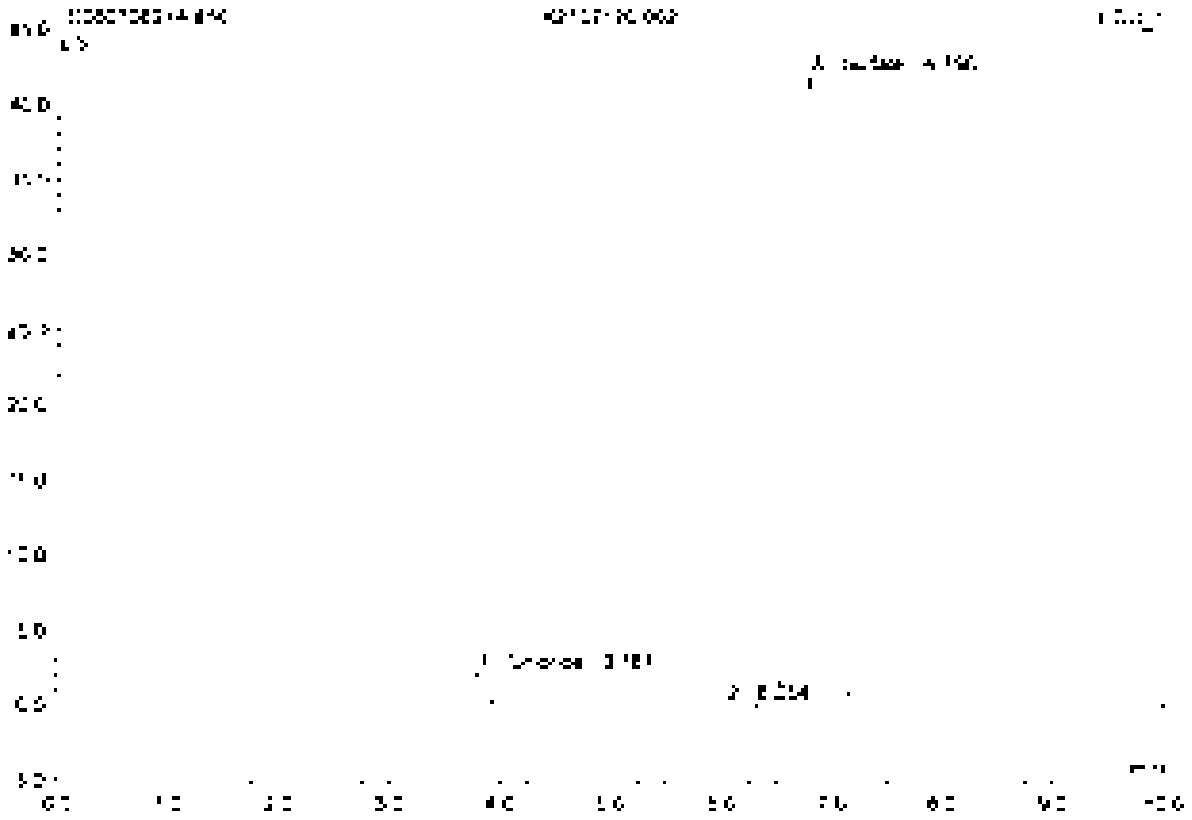
Sample Name	K2107120-001	Injection Volume	25.0
Vial Number	33	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	20.0000
Recording Time	7/8/2021 3:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	2.738	0.256	3.44	29.520	BMB
2	5.05	n.a.	0.060	0.013	0.17	n.a.	BMB
3	6.78	Sulfate	31.417	7.167	96.39	1163.607	BMB
Total:			33.215	7.435	100.00	1193.127	

50 K2107120-002

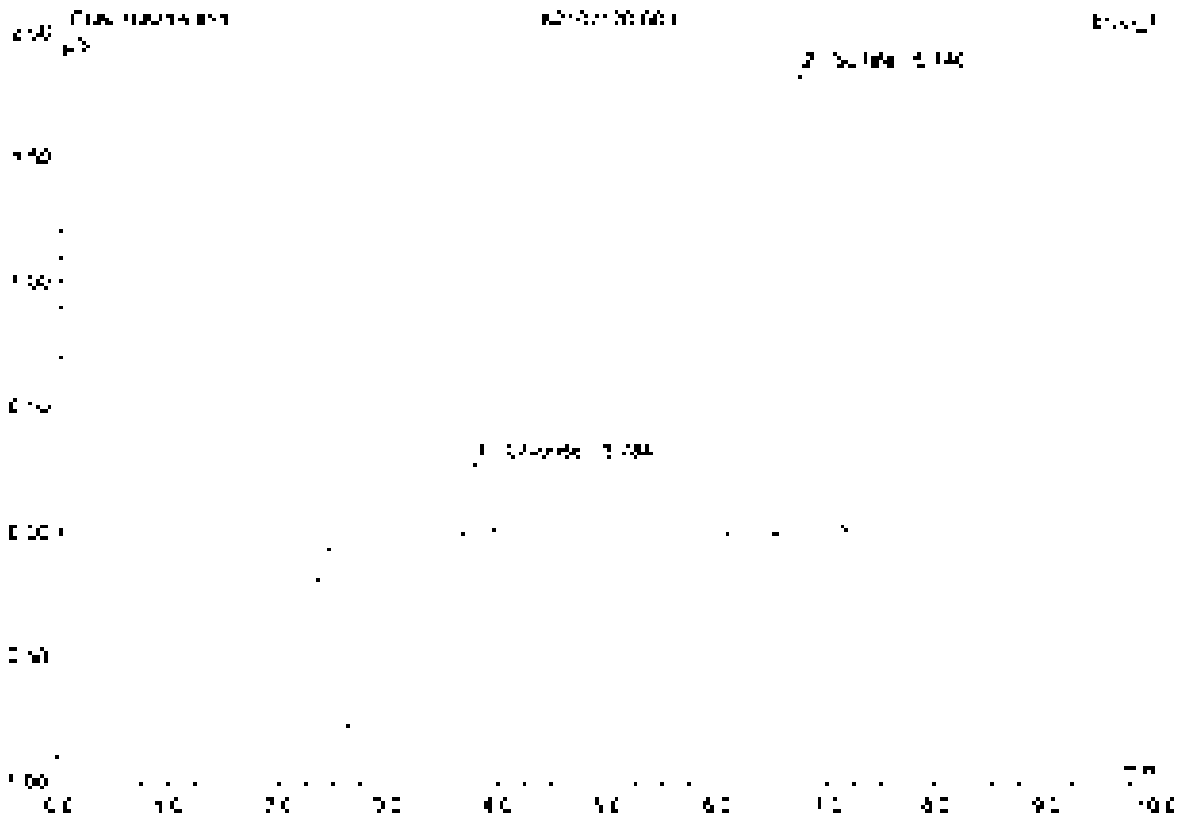
Sample Name	K2107120-002	Injection Volume	25.0
Vial Number	34	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	30.0000
Recording Time	7/9/2021 3:45	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.79	Chlorate	2.128	0.254	2.47	26.369	BMB
2	6.05	n.a.	0.077	0.016	0.14	n.a.	BMB
3	6.79	Sulfate	41.448	10.011	97.39	1625.458	BMB
Total:			43.649	10.280	100.00	1654.827	

51 KZ107120-003

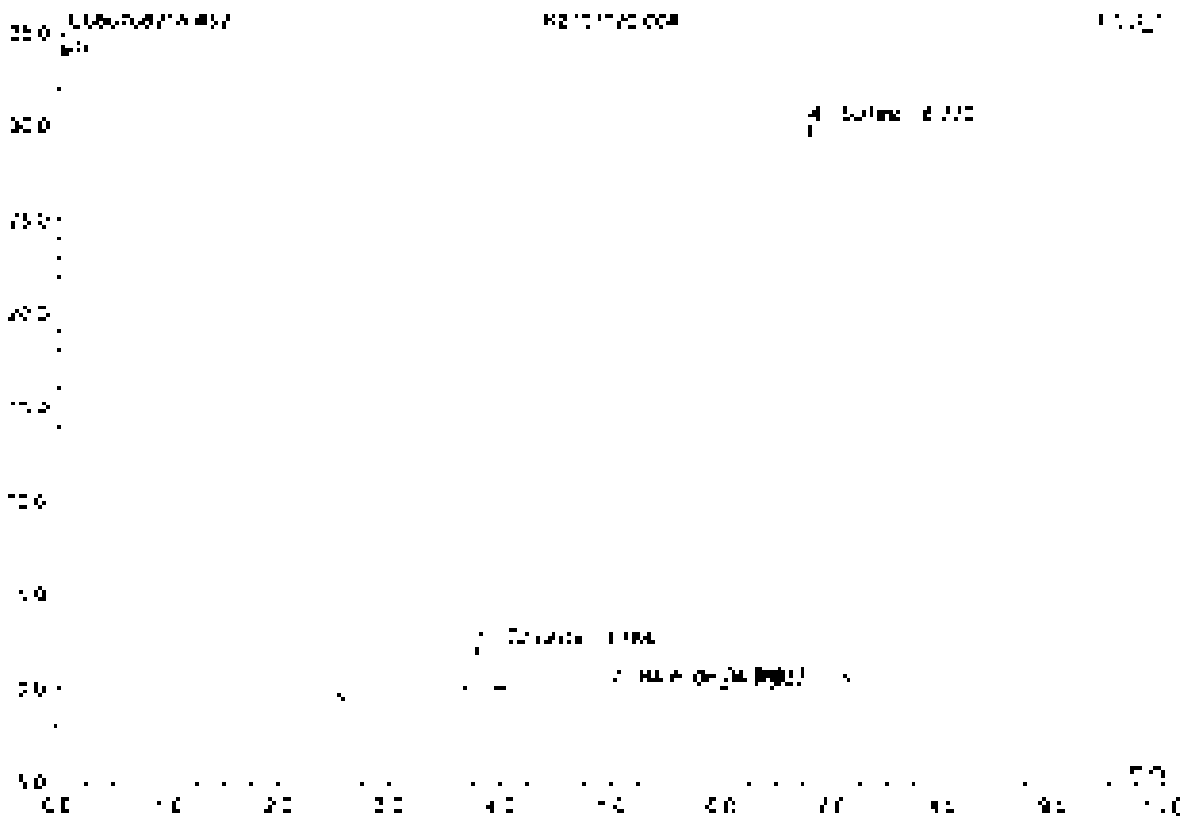
Sample Name	KZ107120-003	Injection Volume	25.0
Vial Number	35	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	20.0000
Recording Time	7/9/2021 3:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chloride	0.291	0.033	7.70	3.803	BMB
2	6.74	Sulfate	1.844	0.398	92.30	64.585	BMB
Total:			2.135	0.431	100.00	68.418	

52 K2107120-004

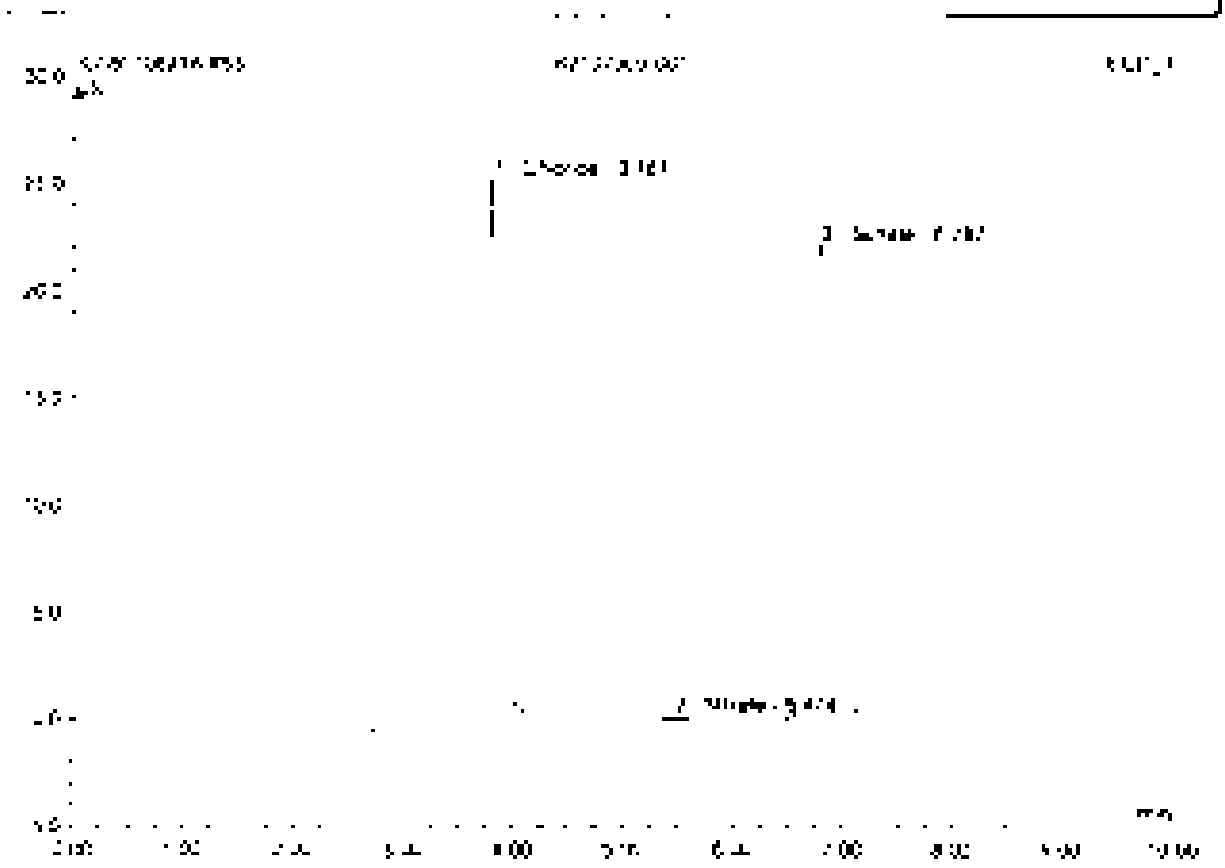
Sample Name	K2107120-004	Injection Volume	25.0
Vial Number	36	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Source Program	apa300	Bandwidth	n.a.
Source Method	apa300	Dilution Factor	20.0000
Recording Time	7/9/2021 4:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chloride	2.705	0.253	3.53	29.196	BMB
2	4.98	Bromide	0.021	0.006	0.08	1.589	BMB
3	6.04	n.a.	0.061	0.014	0.21	n.a.	BMB
4	6.77	Sulfate	29.725	6.597	96.05	1357.355	BMB
Total:			32.513	6.870	100.00	1412.139	

53 K2107909-001

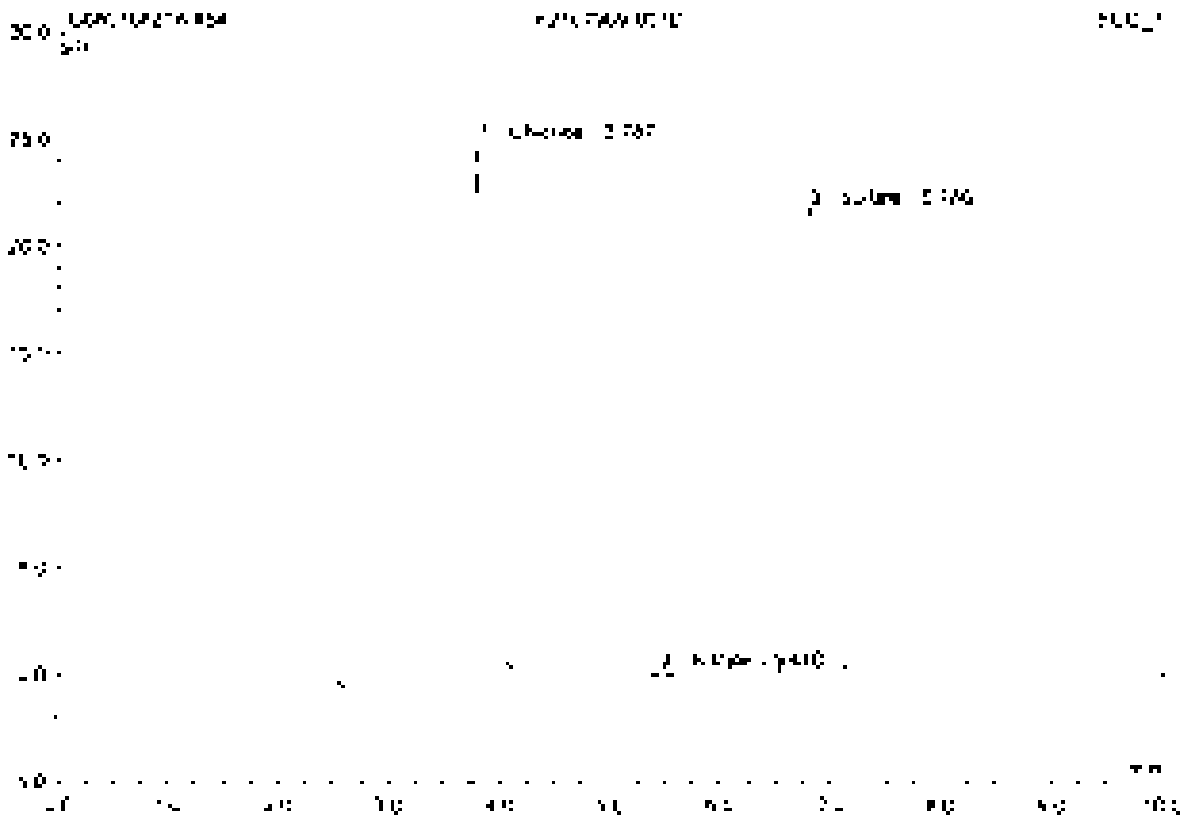
Sample Name	K2107909-001	Injection Volume	25.0
Vial Number	37	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	7/9/2021 4:29	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	25.357	2.841	38.51	32.819	BMB
2	5.67	Nitrate	0.130	0.021	0.28	0.099	BMB
3	6.79	Sulfate	21.850	4.515	61.21	73.320	BMB
Total:			47.338	7.378	100.00	106.236	

54 K2107909-001D

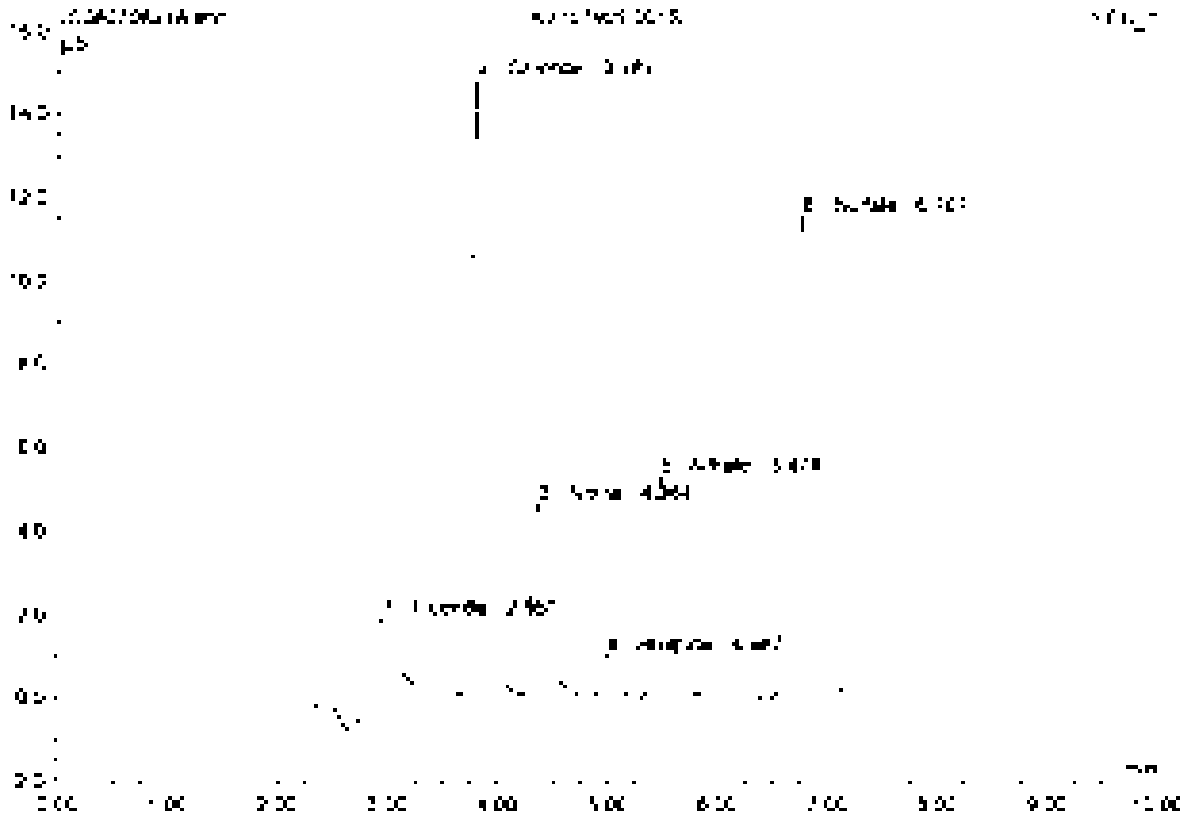
Sample Name	K2107909-001D	Injection Volume	25.0
Vial Number	38	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/9/2021 4:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.79	Chloride	24.595	2.730	38.49	22.234	BMB
2	5.67	Nitrate	0.133	0.022	0.31	0.136	BMB
3	6.75	Sulfate	21.522	4.497	61.20	72.013	BMB
Total:			45.330	7.250	100.00	94.382	

55 K2107909-001S

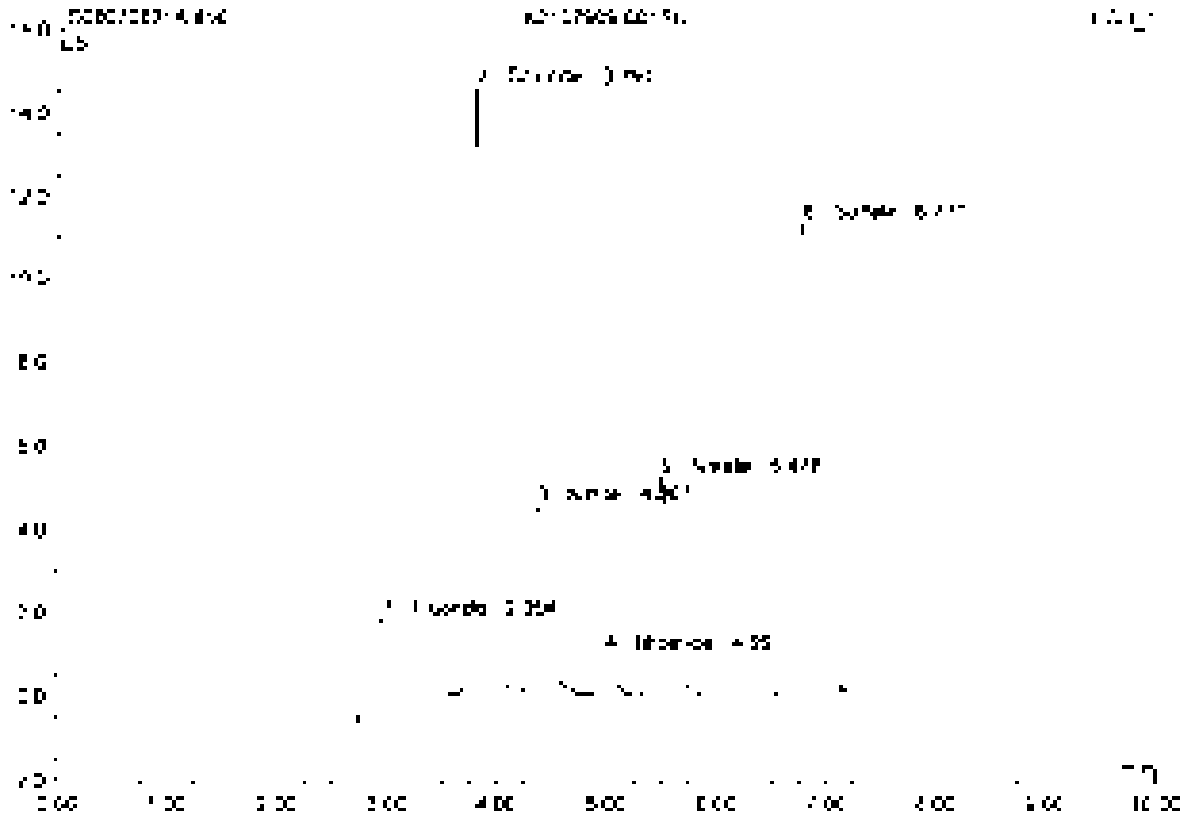
Sample Name	K2107909-001S	Injection Volume	25.0
Vial Number	39	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	4.0000
Processing Time	7/9/2021 4:43	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	2.040	0.638	9.90	10.530	BMB
2	3.79	Chloride	14.701	1.691	26.22	35.060	BMB
3	4.35	Nitrite	4.582	0.712	11.08	7.999	BMB
4	4.99	Bromide	0.984	0.143	2.22	8.035	BMB
5	5.47	Nitrate	5.287	0.860	13.35	8.178	BMB
6	6.33	Sulfate	31.451	2.382	37.08	77.342	BMB
Total:			59.354	6.473	100.00	150.164	

56 K2107909-001SD

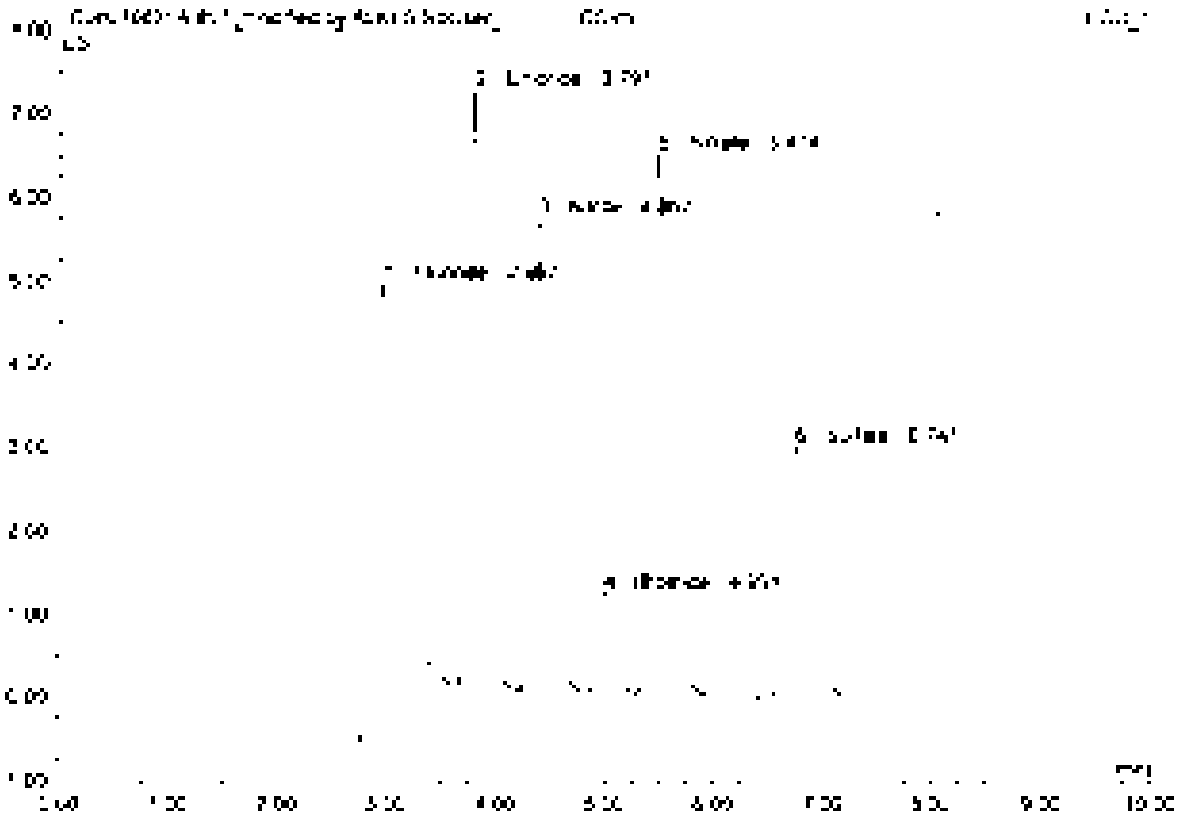
Sample Name	K2107909-001SD	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	4.0000
Recording Time	7/9/2021 4:54	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.95	Fluoride	2.297	0.629	6.94	[illegible]	BMB
2	3.79	Chloride	14.496	[illegible]	26.23	38.496	BMB
3	4.37	Nitrite	4.531	0.706	[illegible]	7.945	BMB
4	4.94	Bromide	0.974	0.141	2.22	[illegible]	BMB
5	5.48	Nitrate	5.236	0.852	13.95	8.096	BMB
6	6.77	Sulfate	[illegible]	2.334	38.69	25.200	BMB
Total:			38.759	5.322	100.00	148.278	

S7 CCV5

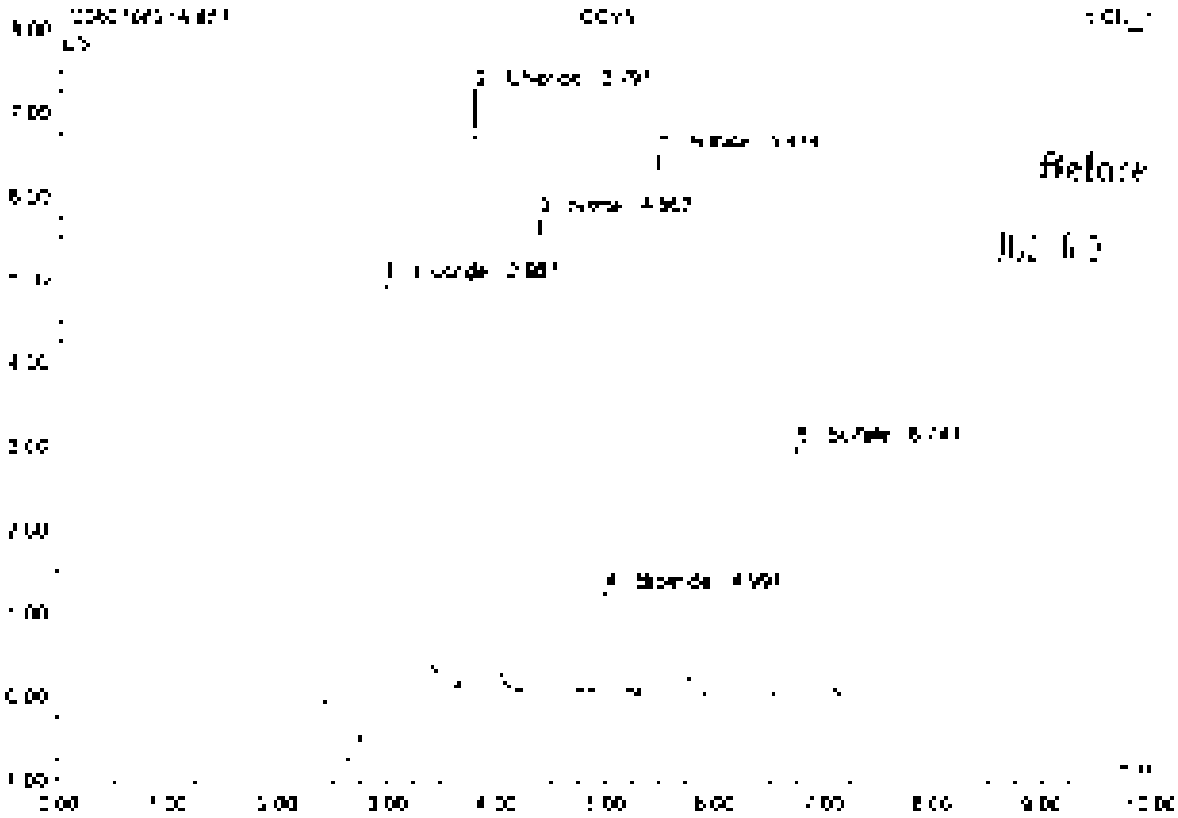
Sample Name	CCV5	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n/a
Control Program	epa300	Bandwidth	n/a
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	7/9/2021 5:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.95	Fluoride	5.371	[illegible]	25.89	4.960	BMB*
2	3.79	Chloride	7.136	0.834	17.33	4.915	BMB*
3	4.37	Nitrite	5.691	0.897	18.44	2.493	BMB
4	4.99	Bromide	1.205	0.172	3.59	2.434	BMB
5	5.47	Nitrate	6.477	1.045	21.73	2.485	BMB
6	5.74	Sulfate	2.987	0.627	13.02	5.087	BMB
Total:			28.874	4.811	100.00	22.373	

57 CCV5

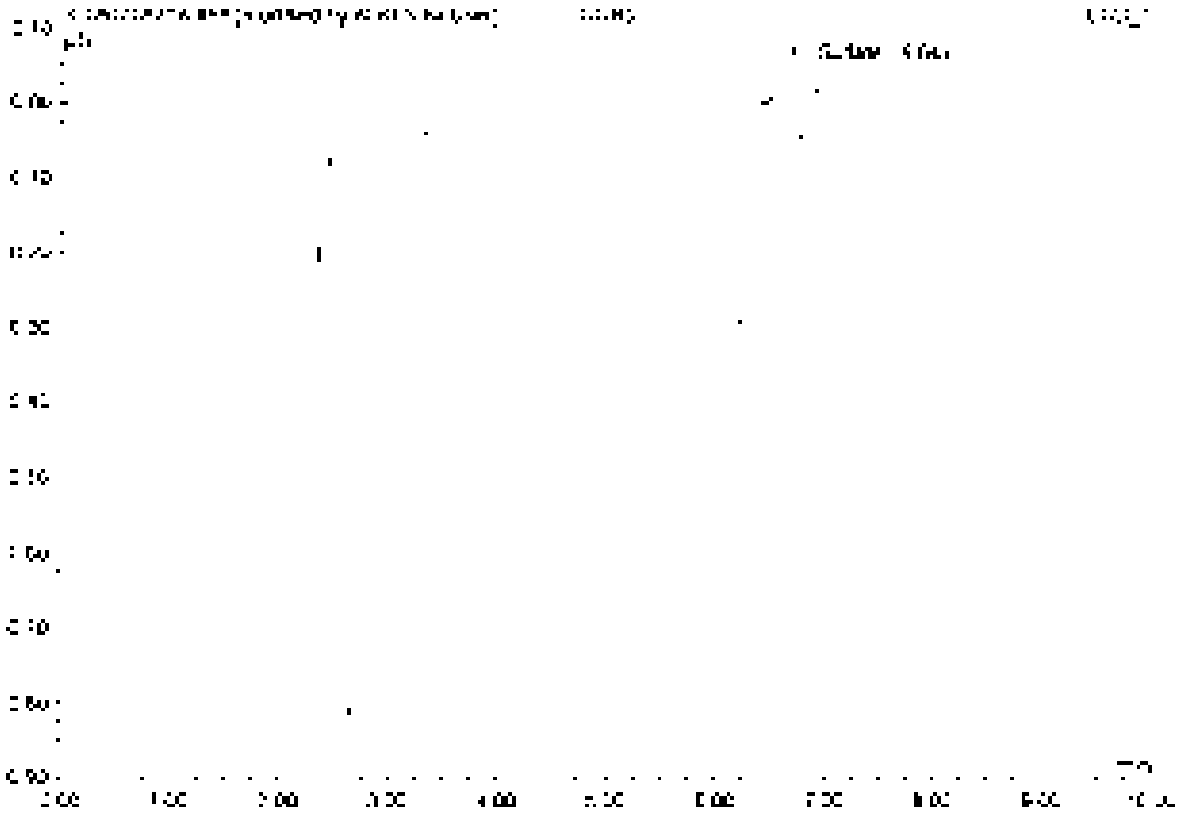
Sample Name	CCV5	Injection Volume	25.0
Vial Number	46	Channel	EC0 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 3:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	5.356	1.205	26.82	5.147	Runb
2	3.79	Chloride	7.136	0.834	17.12	4.815	BMB
3	4.91	Nitrite	5.091	0.887	18.21	2.453	BMB
4	4.93	Bromide	1.201	0.173	3.55	2.434	BMB
5	6.47	Nitrate	6.477	1.045	21.46	2.885	BMB
6	6.74	Sulfate	2.987	0.527	12.87	5.087	BMB
TOTAL:			28.948	4.870	100.00	22.511	

58 CCB5

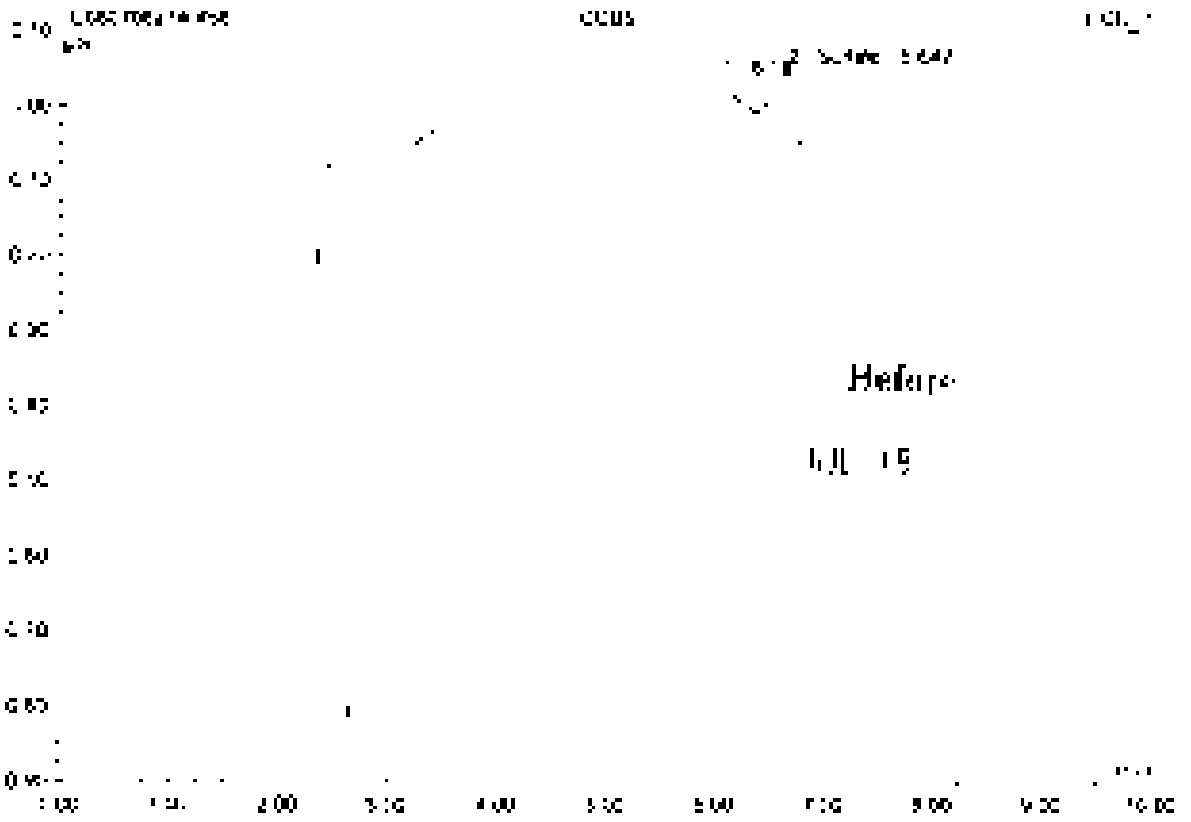
Sample Name	CCB5	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Sample cm	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 8:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	8.65	Surrogate	0.049	0.006	100.00	0.049	BMB*
Total:			0.049	0.006	100.00	0.049	

58 CCB5

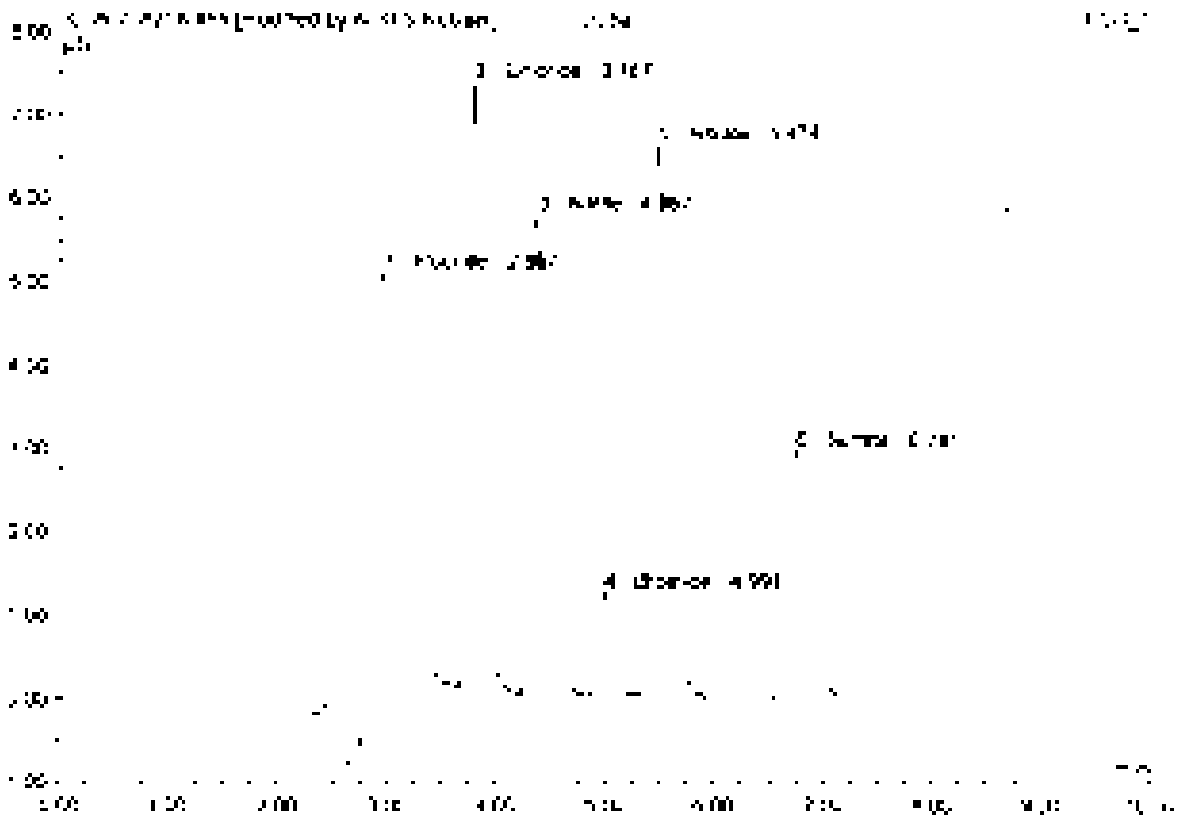
Sample Name	CCB5	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Column Polarity	spa300	Bandwidth	n.a.
Column Name	spa300	Dilution Factor	1.0000
Recording Time	7/9/2021 6:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	0.05	n.a.	0.159	1.358	98.84	n.a.	BMB
2	8.65	Heptachlor	0.088	0.016	1.16	0.129	BVB
Total:			0.196	1.374	100.00	0.129	

59 LCS2

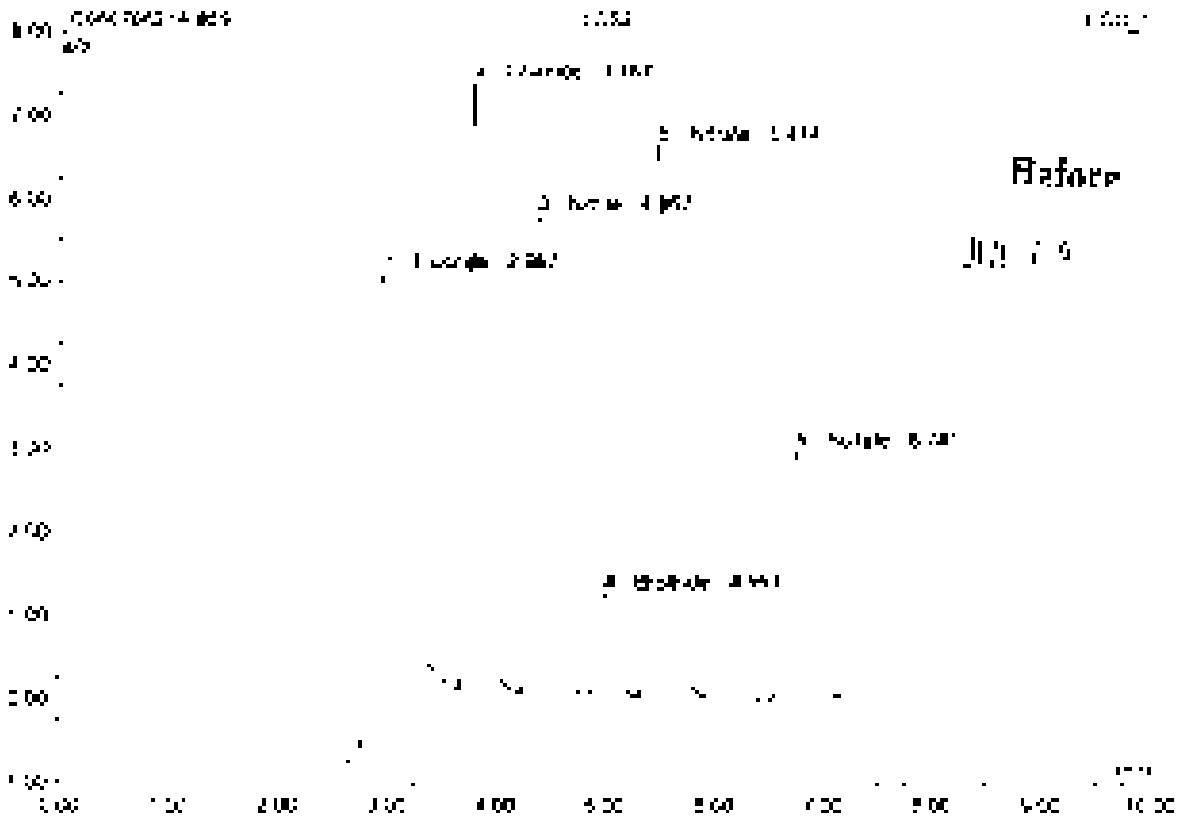
Sample Name	LCS2	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 3:30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.86	Fluoride	5.476	1.272	26.03	5.083	BMB*
2	3.79	Chloride	7.257	0.851	17.41	4.913	BMB*
3	4.37	Nitrite	5.756	0.898	18.37	2.523	BMB
4	4.99	Bromide	1.230	0.177	3.62	2.492	BMB
5	5.47	Nitrate	5.607	1.067	21.84	2.537	BMB
6	6.74	Sulfate	2.964	0.622	12.73	5.342	BMB
Total:			28.300	4.886	100.00	22.576	

59 LCS2

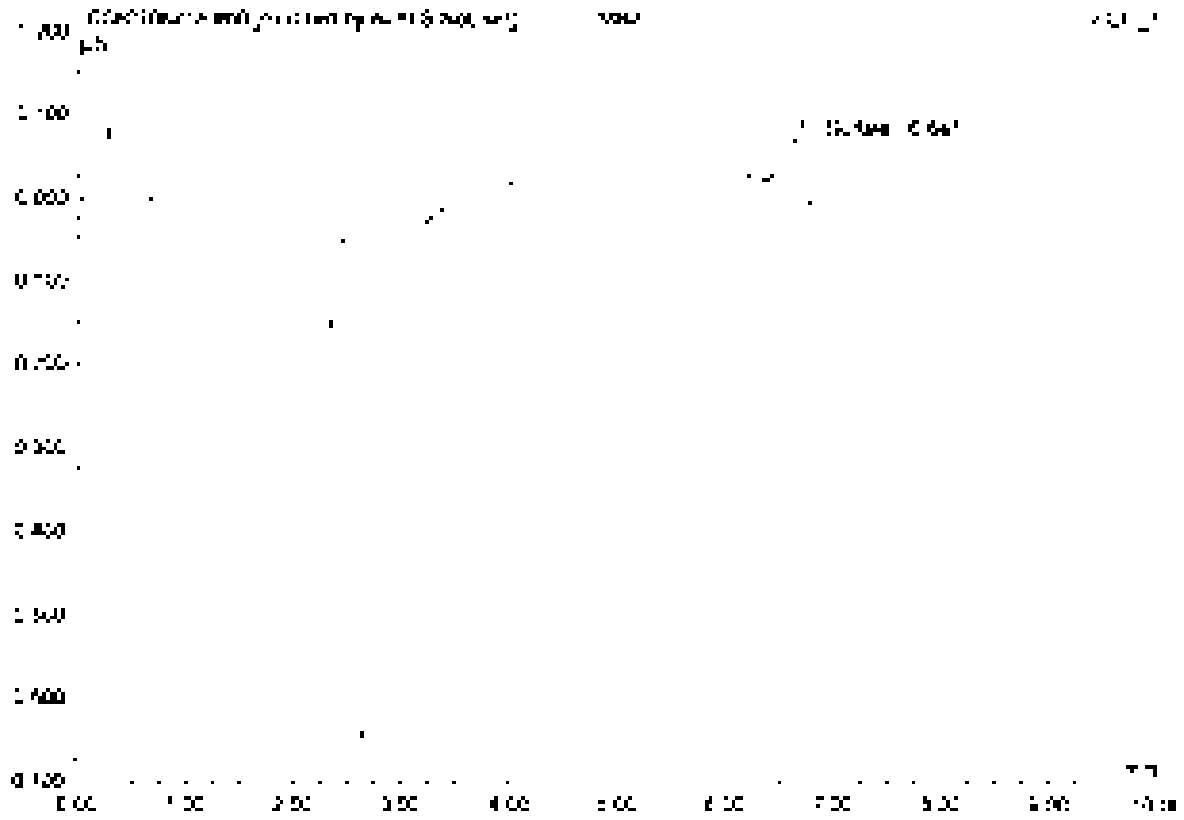
Sample Name	LCS2	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n/a
Control Program	epa300	Bandwidth	n/a
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 3:30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.56	Fluoride	5.523	1.349	27.18	5.371	BMB
2	3.79	Chloride	7.267	0.851	17.14	4.313	BMB
3	4.37	Nitrite	5.756	0.898	18.09	2.523	BMB
4	4.99	Bromide	1.720	0.177	3.56	2.492	BMB
5	5.47	Nitrate	6.607	1.067	21.50	2.537	BMB
6	6.74	Sulfate	2.964	0.622	12.53	5.048	BMB
Total:			29.347	4.963	100.00	22.284	

60 MB2

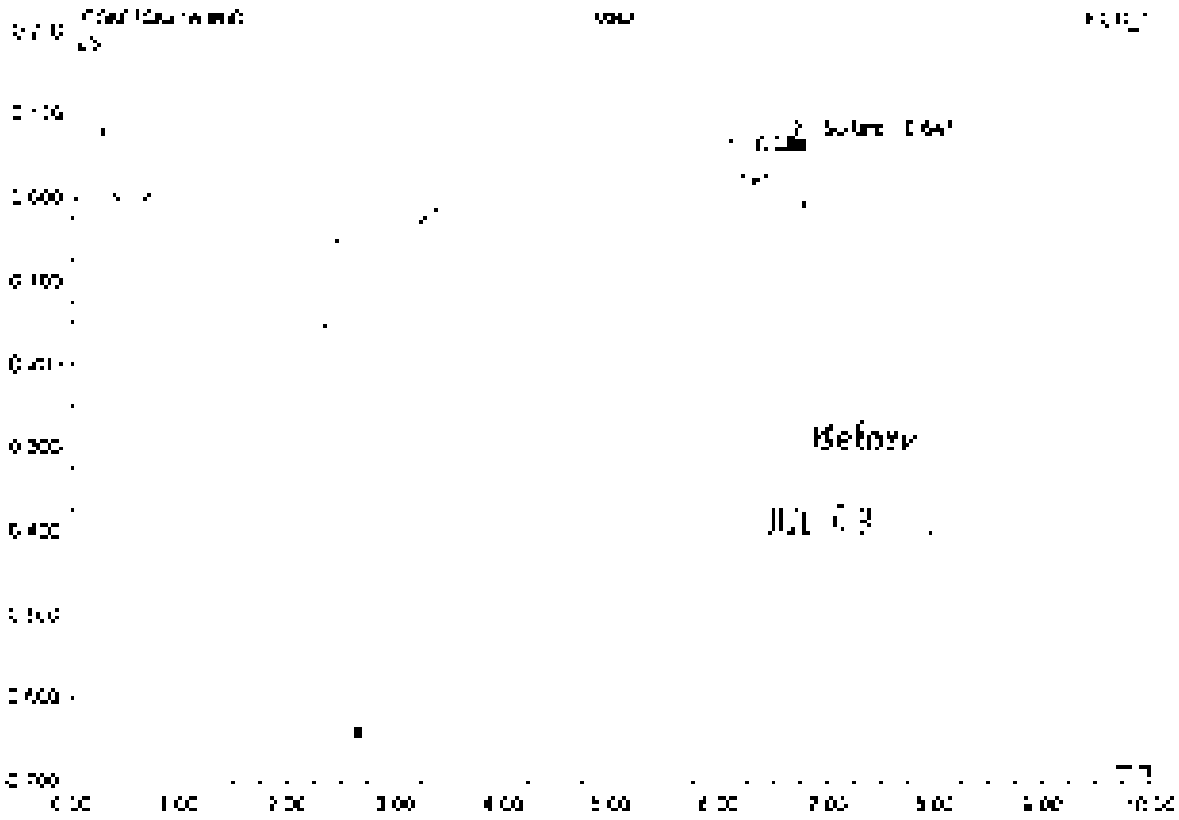
Sample Name	MB2	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 9:43	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.84	Solvate	0.045	0.007	100.00	0.054	BMB*
Total:			0.045	0.007	100.00	0.054	

60 MB2

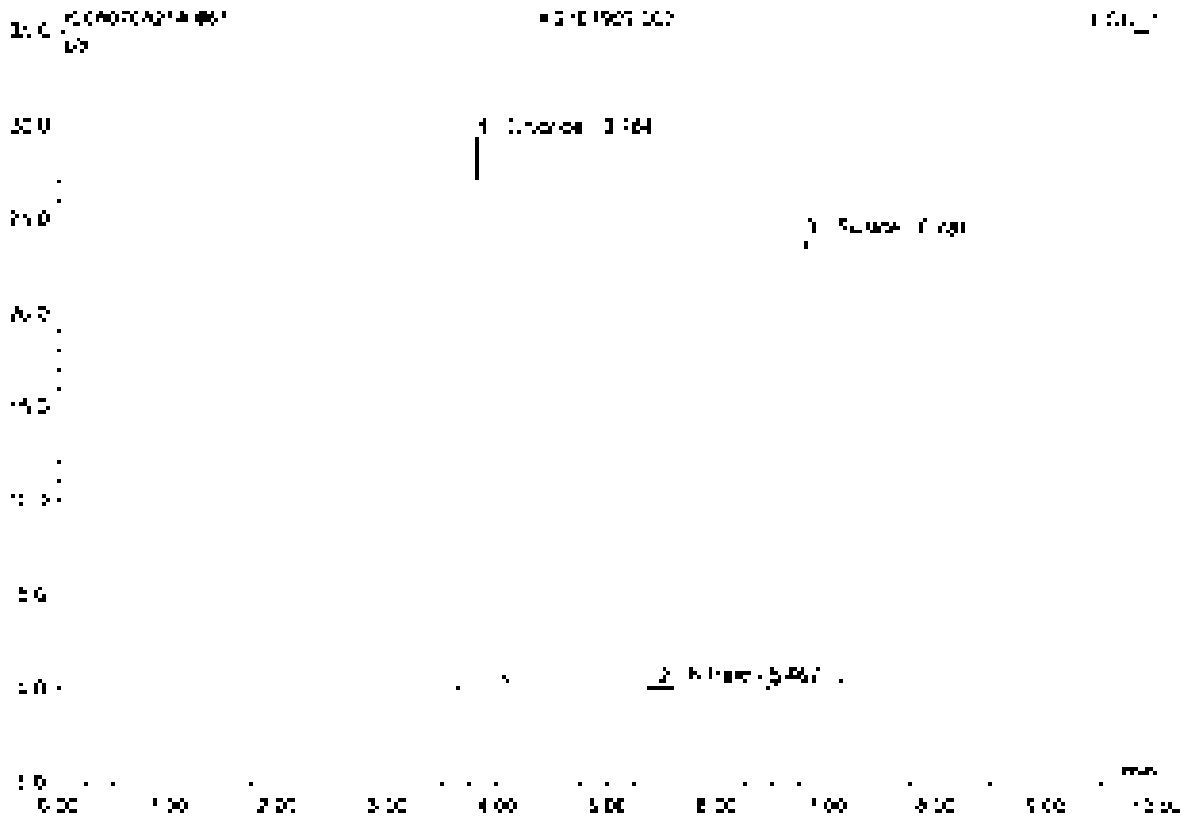
Sample Name	MB2	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 3:47	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.05	n.a.	0.081	7.091	98.75	n.a.	BMb
2	6.54	Solate	0.071	0.0[illegible]3	1.2[illegible]	0.[illegible]09	SMB
Total:			0.151	[illegible].05	100.00	0.[illegible]09	

61 K2107909-002

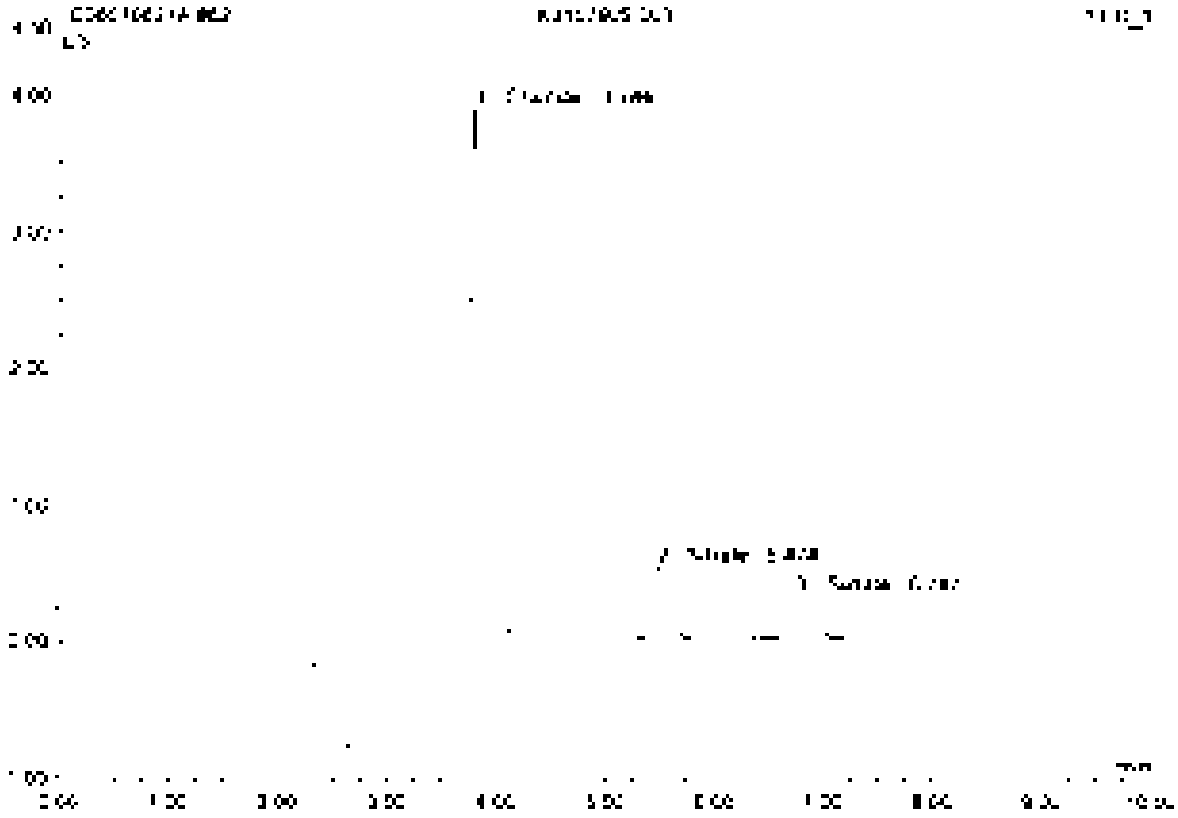
Sample Name	K2107909-002	Injection Volume	25.0
Vial Number	61	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	2.0000
Recording Time	7/8/2021 5:54	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Rel. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	3.78	Chloride	39.178	3.273	39.96	37.810	BMD
2	5.47	Nitrate	0.148	0.024	0.30	0.116	BMD
3	6.78	Sulfate	22.755	4.894	59.74	79.467	BMD
Total:			53.083	8.192	100.00	117.393	

62 K2107809-003

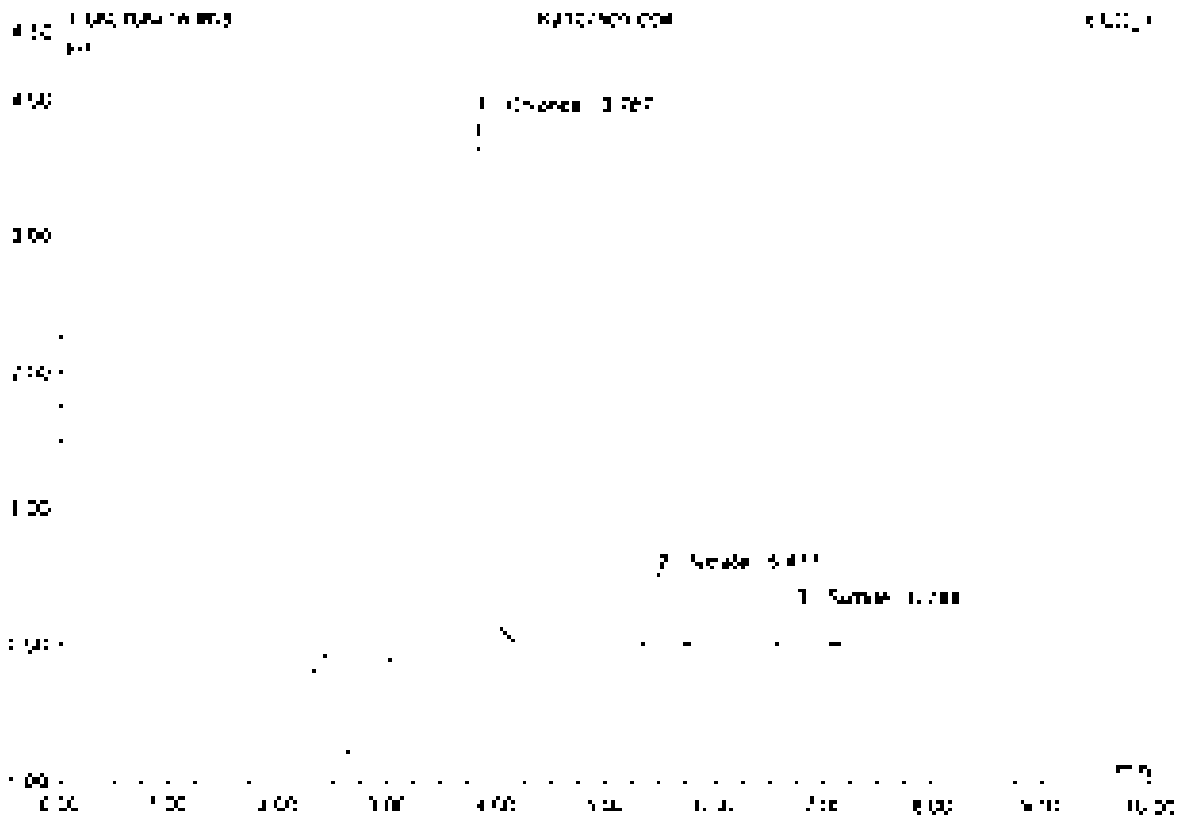
Sample Name	K2107809-003	Injection Volume	25.0
Vial Number	62	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quant Method	spa300	Dilution Factor	2.0000
Recording Time	7/8/2021 4:05	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.78	Chloride	0.877	0.460	33.27	0.310	BMB
2	5.47	Nitrate	0.529	0.085	12.48	0.402	BMB
3	6.75	Sulfate	0.320	0.094	13.31	1.357	BMB
Total:			2.726	0.528	100.00	2.070	

63 K2107909-004

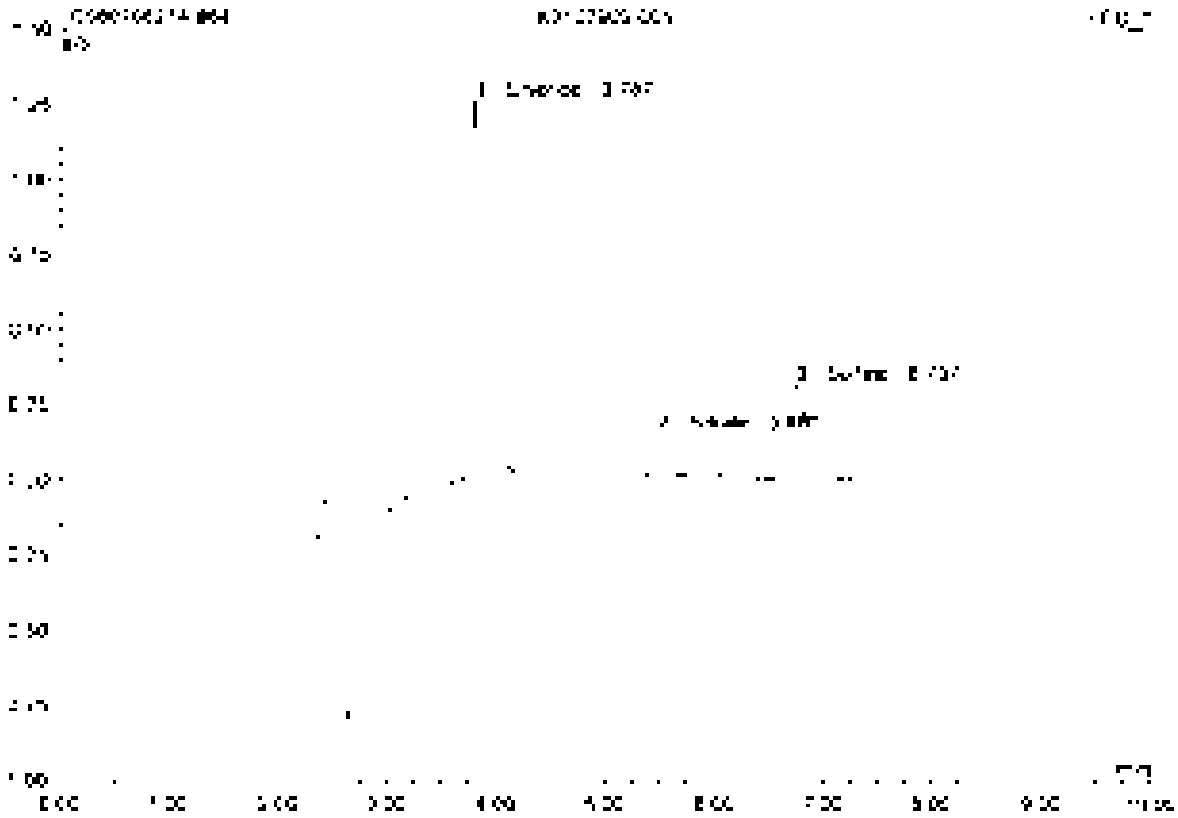
Sample Name	K2107909-004	Injection Volume	25.0
Vial Number	43	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	2.0000
Recording Time	7/9/2021 9:17	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	3.869	0.455	75.22	5.204	BV*B
2	5.48	Nitrate	0.507	0.085	14.03	0.897	BV*B
3	6.74	Sulfate	0.260	0.066	10.76	1.066	BV*B
Total:			4.635	0.610	100.00	6.777	

64 K2107909-005

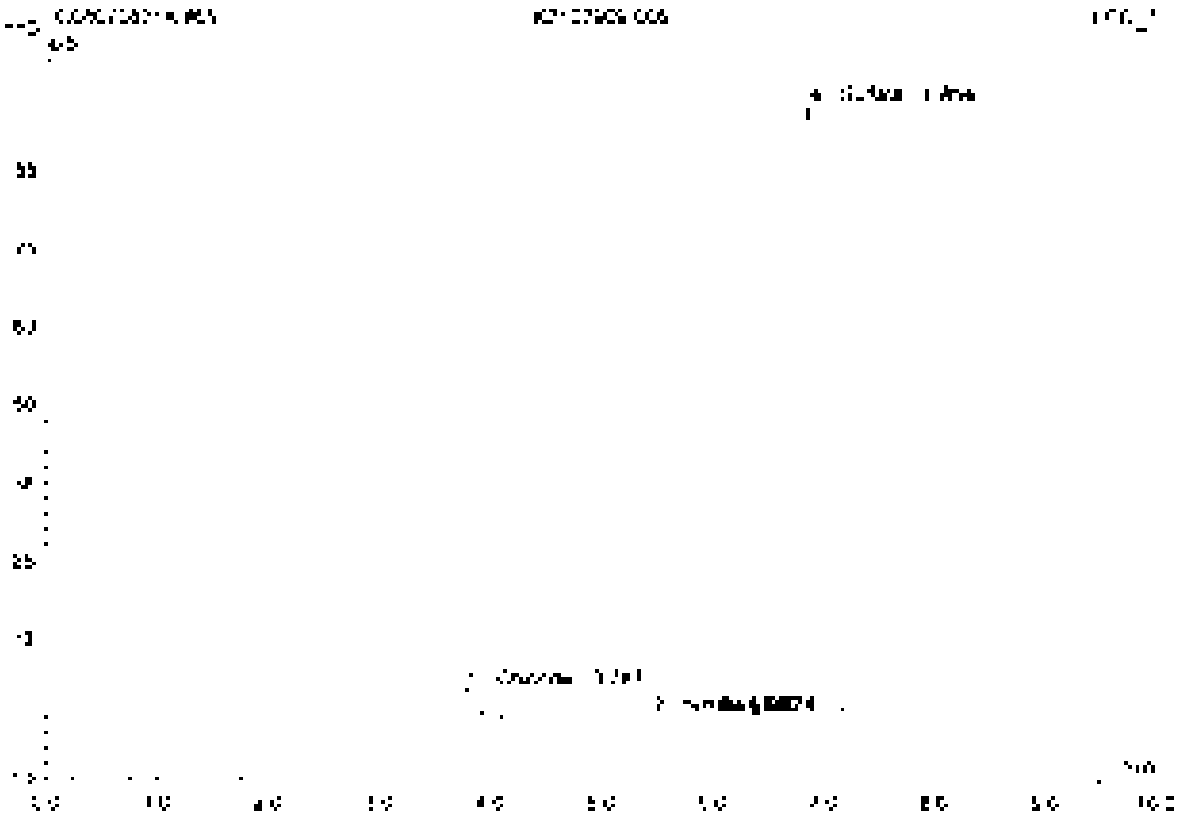
Sample Name	K2107909-005	Injection Volume	25.0
Vial Number	44	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	7/8/2021 4:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	1.255	0.151	59.82	1.784	BMB
2	5.45	Nitrate	0.149	0.023	9.19	0.110	BMB
3	6.74	Sulfate	0.315	0.078	30.99	1.219	BMB
Total:			1.718	0.252	100.00	3.124	

65 K2107909-006

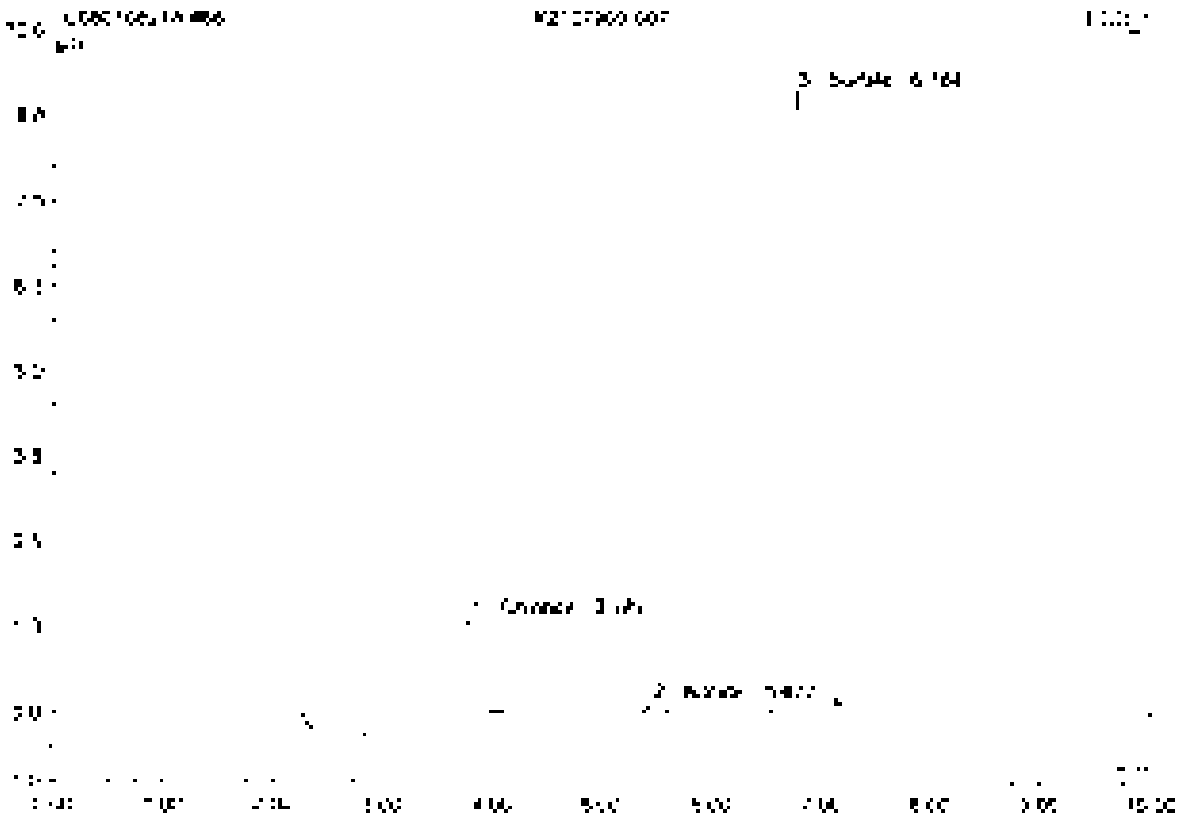
Sample Name	K2107909-006	Injection Volume	25.0
Vial Number	45	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a
Doctro Program	epa300	Bandwidth	n.a
Quant Method	epa300	Dilution Factor	2.0000
Processing Time	7/5/2021 8:40	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	4.252	0.500	1.20	5.884	BMB
2	5.47	Nitrate	0.152	0.026	0.06	0.126	BMB
3	6.06	n.a	0.101	0.015	0.06	n.a	BMB
4	6.85	Sulfate	96.862	27.094	98.03	450.630	BMB
Total:			101.367	28.335	100.00	456.639	

66 K2107909-007

Sample Name	K2107909-007	Injection Volume	25.0
Vial Number	50	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Method Program	app300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	2.0000
Recording Time	7/9/2021 6:52	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

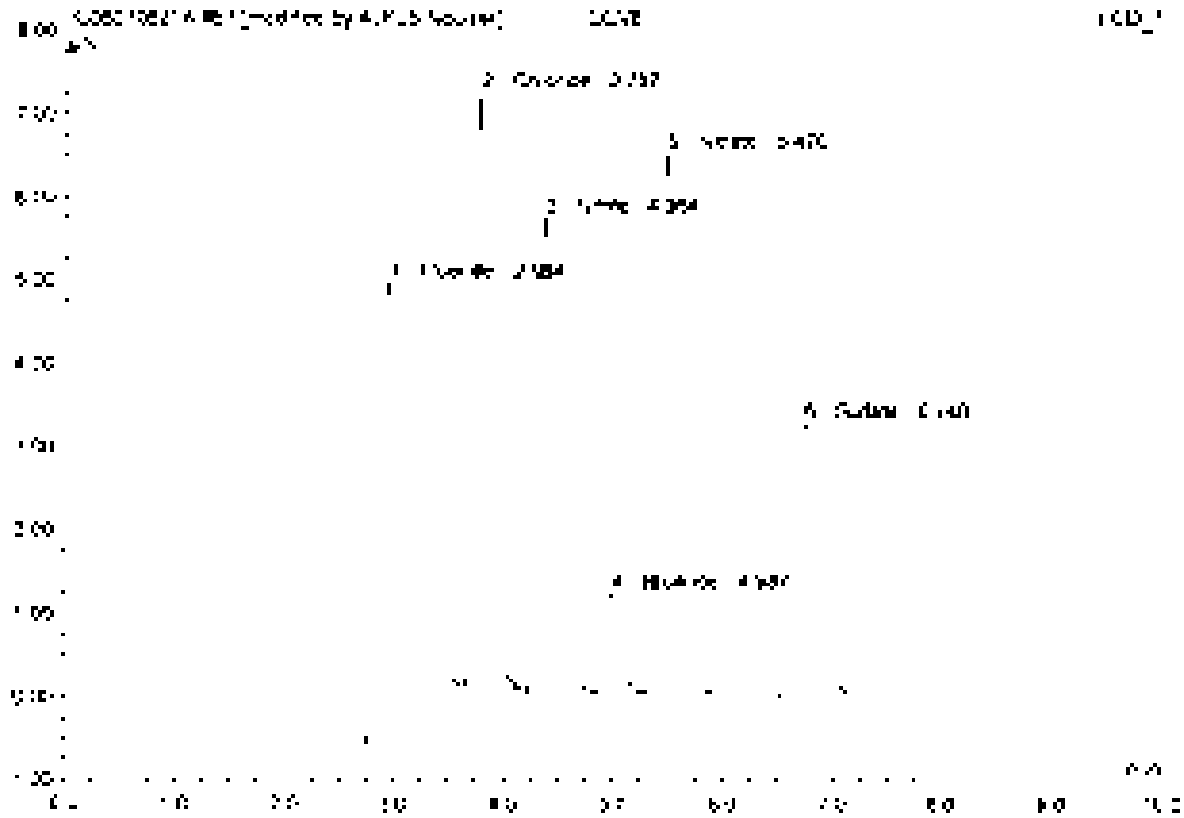


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	1.355	0.157	8.00	1.931	BMB
2	5.68	Nitrate	0.152	0.024	1.17	0.116	BMB
3	6.76	Sulfate	9.035	1.887	90.83	30.465	BMB
Total:			10.542	2.069	100.00	32.512	

67 CCV6

SO4 OUT

Sample Name	CCV6	Injection Volume	25.0
Vial Number	48	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Original Datagram	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 7:03	Sample Weight	1.0000
Run Time (min)	16.00	Sample Amount	1.0000

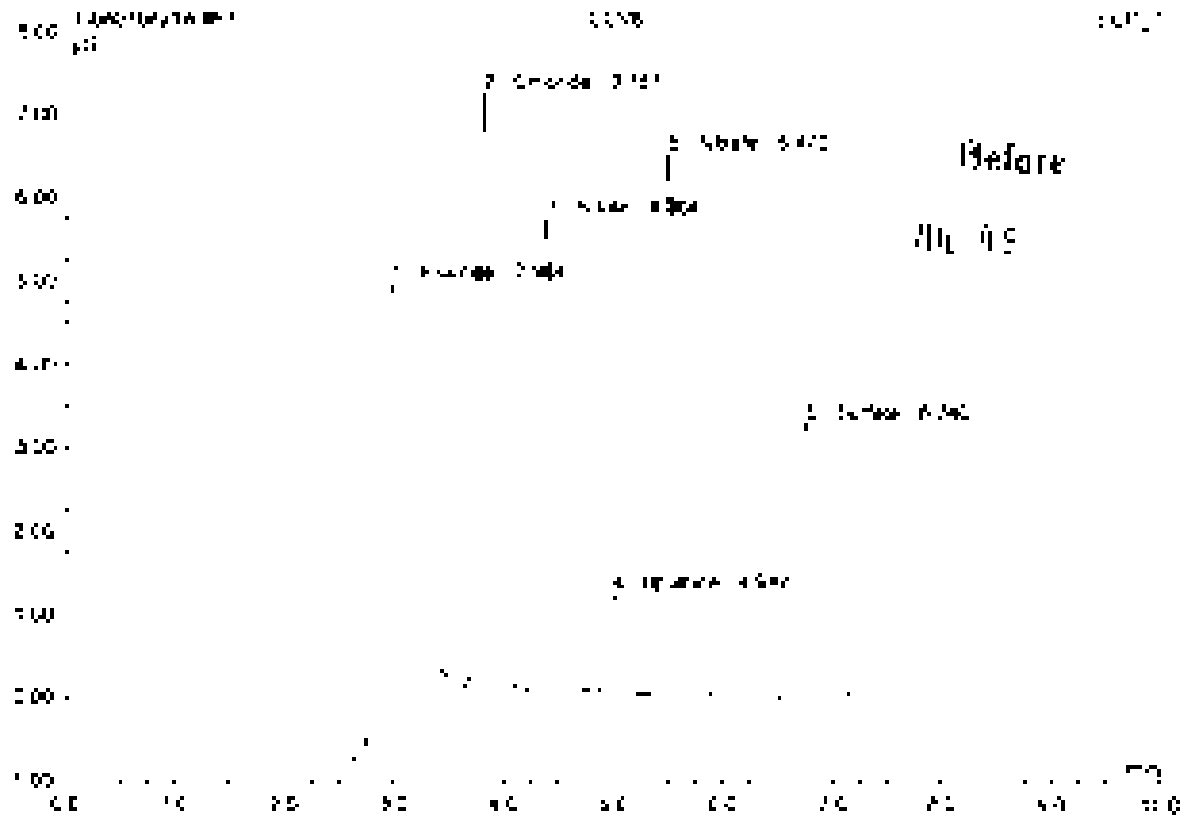


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.35	Fluoride	5.340	1.266	25.84	5.015	BMB*
2	3.79	Chloride	7.117	0.535	17.34	4.827	BMB*
3	4.38	Nitrite	5.707	0.560	18.17	2.561	BMB
4	4.96	Bromide	1.200	0.172	3.52	2.427	BMB
5	5.47	Nitrate	6.490	1.045	21.41	2.493	BMB
6	6.74	Sulfate	3.274	0.686	14.01	5.571	BMB
Total:			29.742	4.897	100.00	22.852	

87 CCV6

SO4 OUT

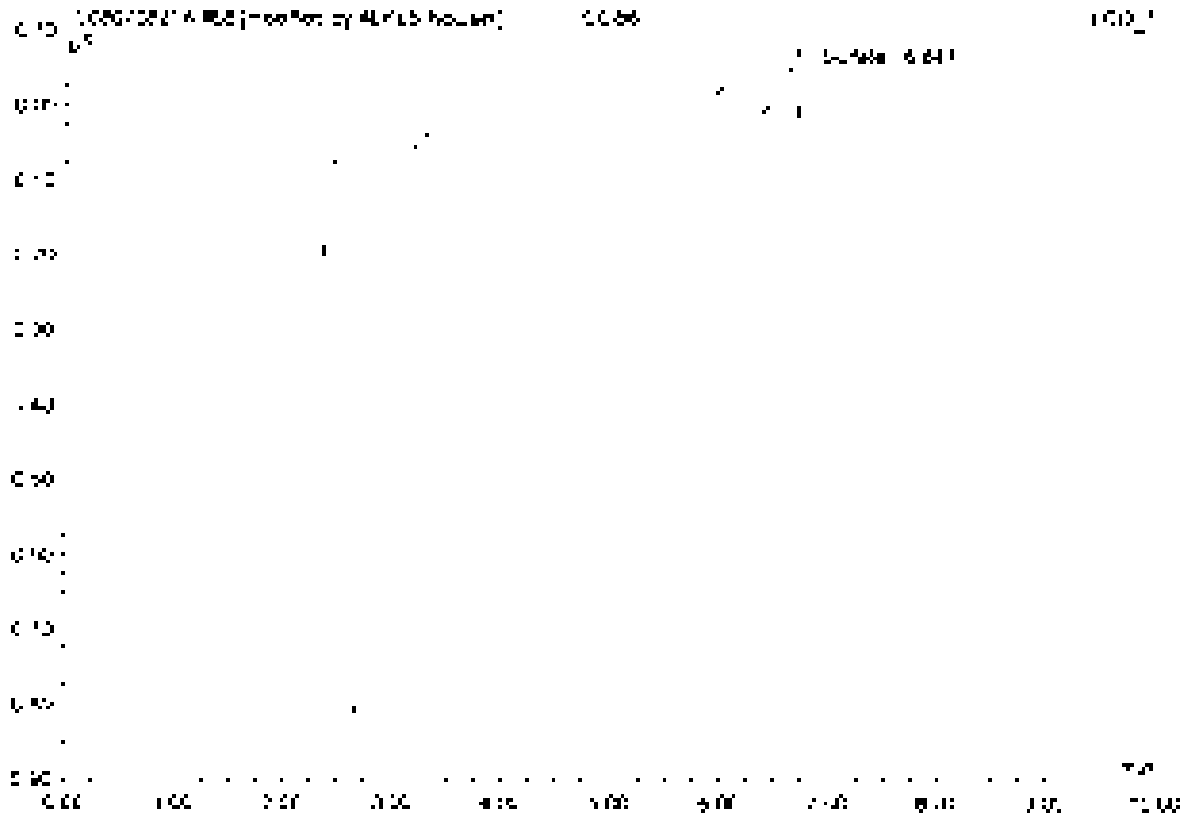
Sample Name	CCV6	Injection Volume	10.0
Vial Number	48	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 7:03	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.65	Fluoride	5.375	1.316	28.59	5.259	BMB
2	2.79	Chloride	7.131	0.835	18.07	4.821	BMB
3	4.30	Nitrite	5.701	0.550	11.90	2.531	BMB
4	4.66	Bromide	1.200	0.172	3.49	2.427	BMB
5	5.47	Nitrate	6.450	1.045	21.20	2.452	BMB
6	5.74	Sulfate	3.273	0.680	13.84	5.571	BMB
Total:			29.170	4.647	100.00	23.061	

68 CCB6

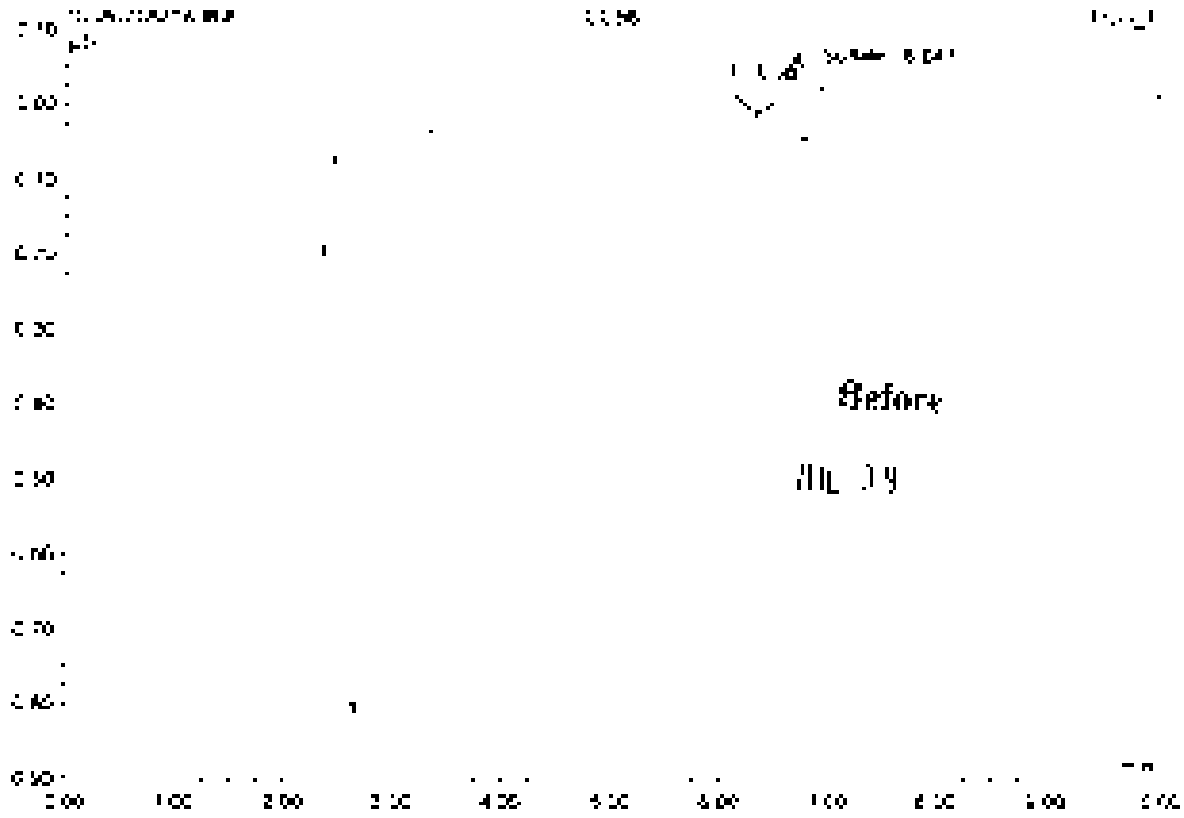
Sample Name	CCB6	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 7:16	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Sulfate	[illegible]	[illegible]	100.00	[illegible]	BMB*
Total:			[illegible]	[illegible]	100.00	[illegible]	

68 CCB6

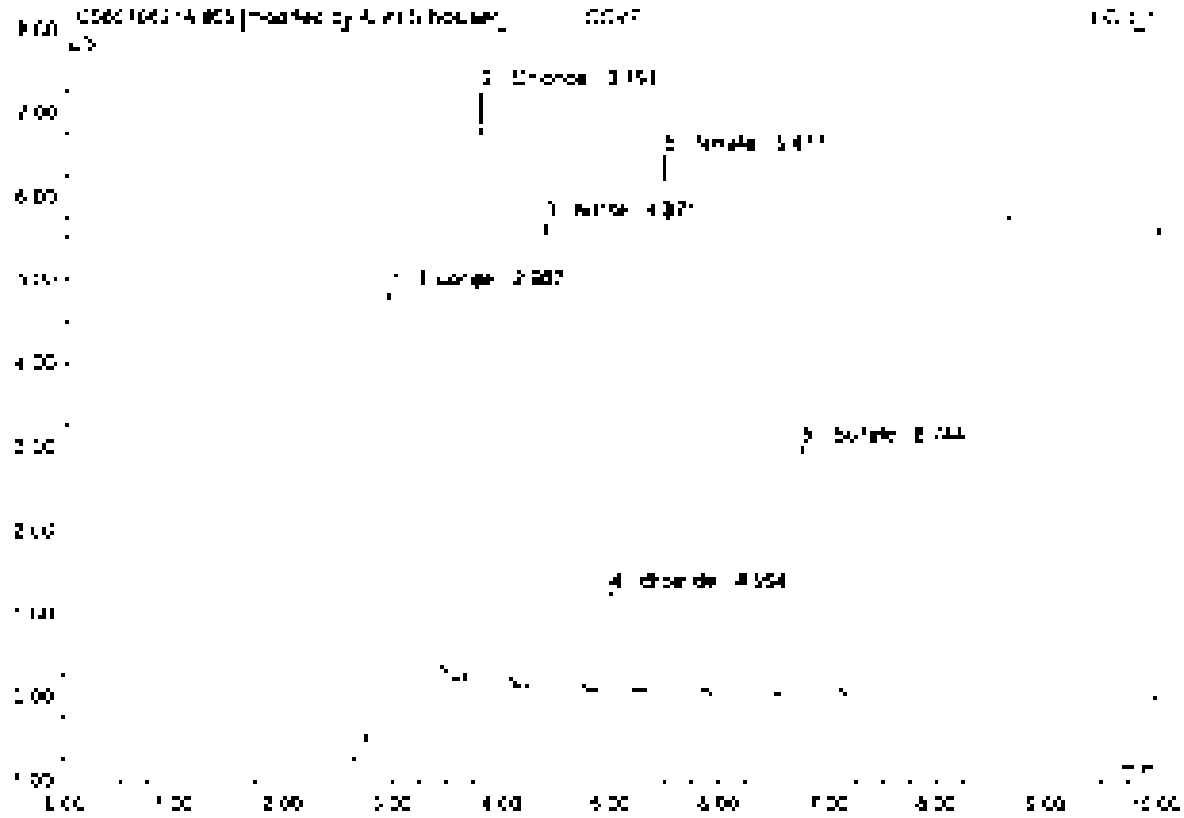
Sample Name	CCB6	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 7:46	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.25	n.a.	0.199	1.354	98.78	n.a.	BMB
2	6.65	Surfactant	0.024	0.017	1.22	0.136	BMB
Total:			0.199	1.371	100.00	0.136	

69 CCV7

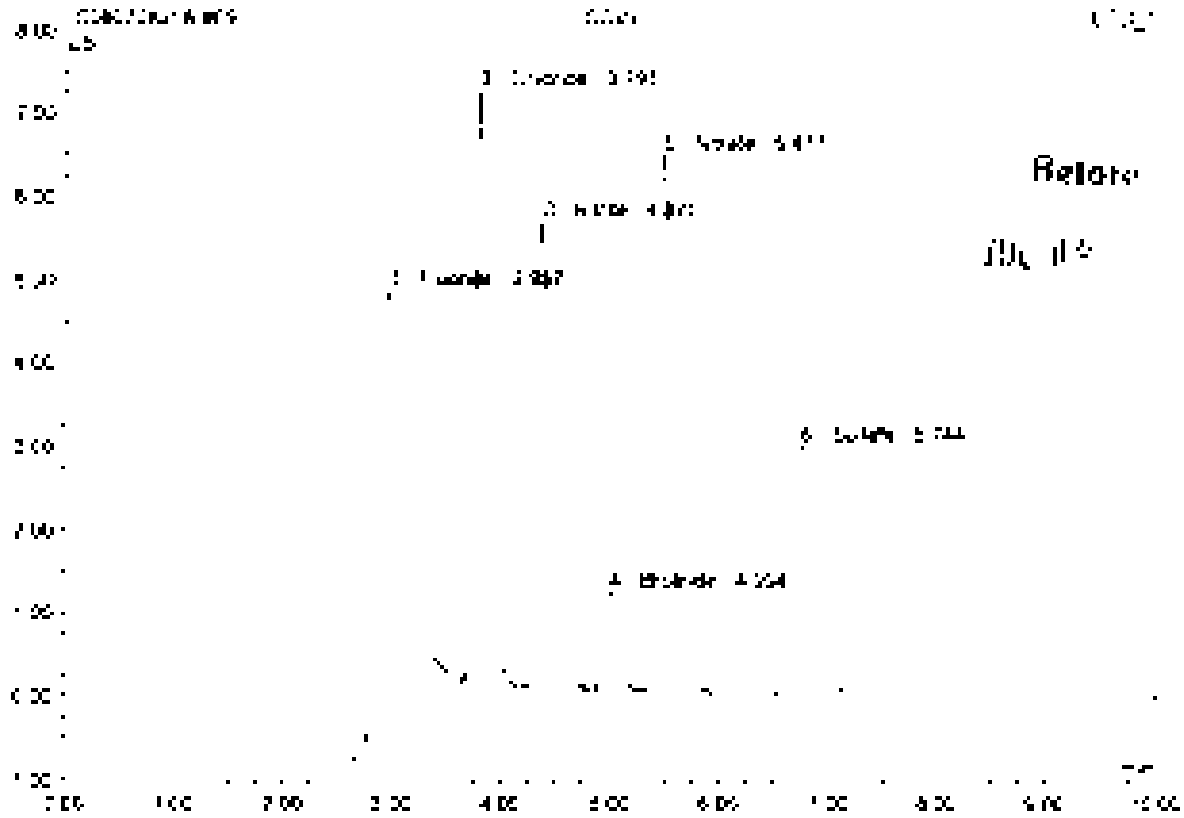
Sample Name	CCV7	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 9:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.96	Fluoride	5.241	1.265	26.10	5.032	BMB*
2	3.79	Chloride	7.104	0.837	17.30	4.836	BMB*
3	4.37	Nitrite	5.624	0.853	18.34	2.495	BVB
4	4.92	Bromide	1.194	0.172	3.55	2.423	BVB
5	5.48	Nitrate	6.450	1.046	21.61	2.487	BMB
6	6.74	Sulfate	2.934	0.630	13.02	5.107	BMB
Total:			29.600	4.841	100.00	22.475	

69 CCV7

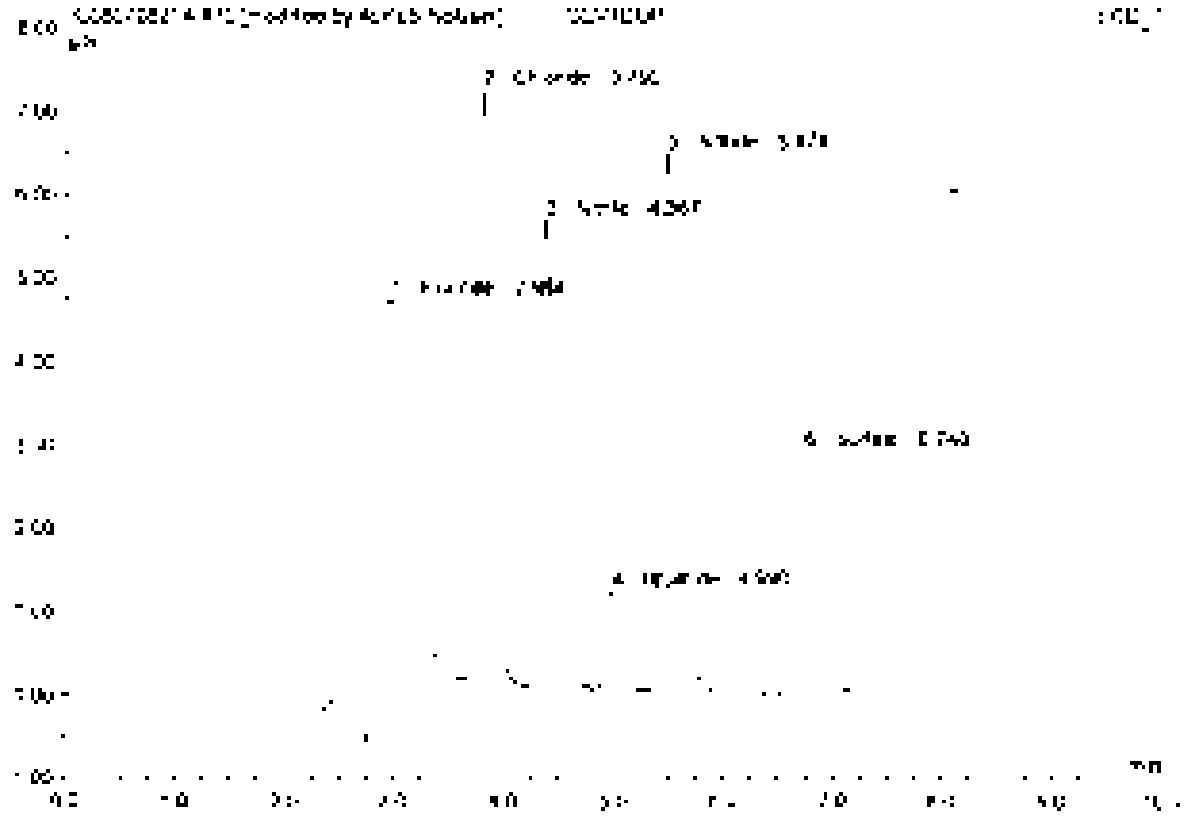
Sample Name	CCV7	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	7/9/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	5.267	1.311	26.83	5.222	BMB
2	3.79	Chloride	7.104	0.837	17.13	4.836	BMB
3	4.37	Nitrite	5.624	0.828	16.93	2.466	BMB
4	4.94	Bromide	1.798	0.172	3.52	2.425	BMB
5	5.48	Nitrate	6.453	1.046	21.40	2.487	BMB
6	6.74	Sulfate	2.484	0.633	12.95	[illegible]	BMB
Total			28.825	4.887	100.00	22.601	

70 CCV7DUP

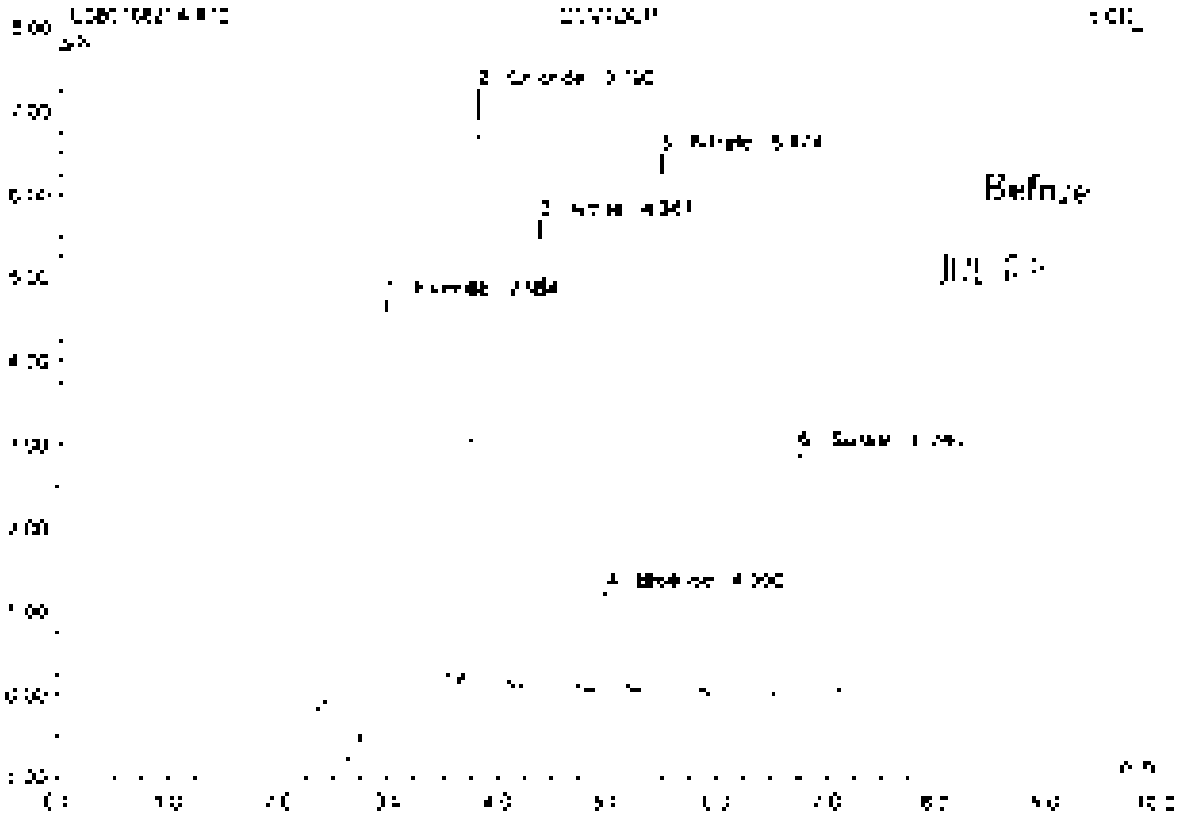
Sample Name	CCV7DUP	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Cutting Program	epa300	Bandwidth	n.a.
Separation Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 9:23	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	5.128	[illegible]	25.81	4.925	BMB*
2	3.79	Chloride	7.106	0.825	17.45	6.822	BMB*
3	4.37	Nitrite	5.630	0.850	18.55	2.447	PeVA
4	4.96	Bromide	[illegible]	0.172	3.60	2.429	BMB
5	5.47	Nitrate	5.462	[illegible]	21.85	2.425	BMB
6	6.78	Sulfate	2.905	[illegible]	12.74	4.957	BMB
Total:			28.426	[illegible]	100.00	22.124	

70 CCV7DUP

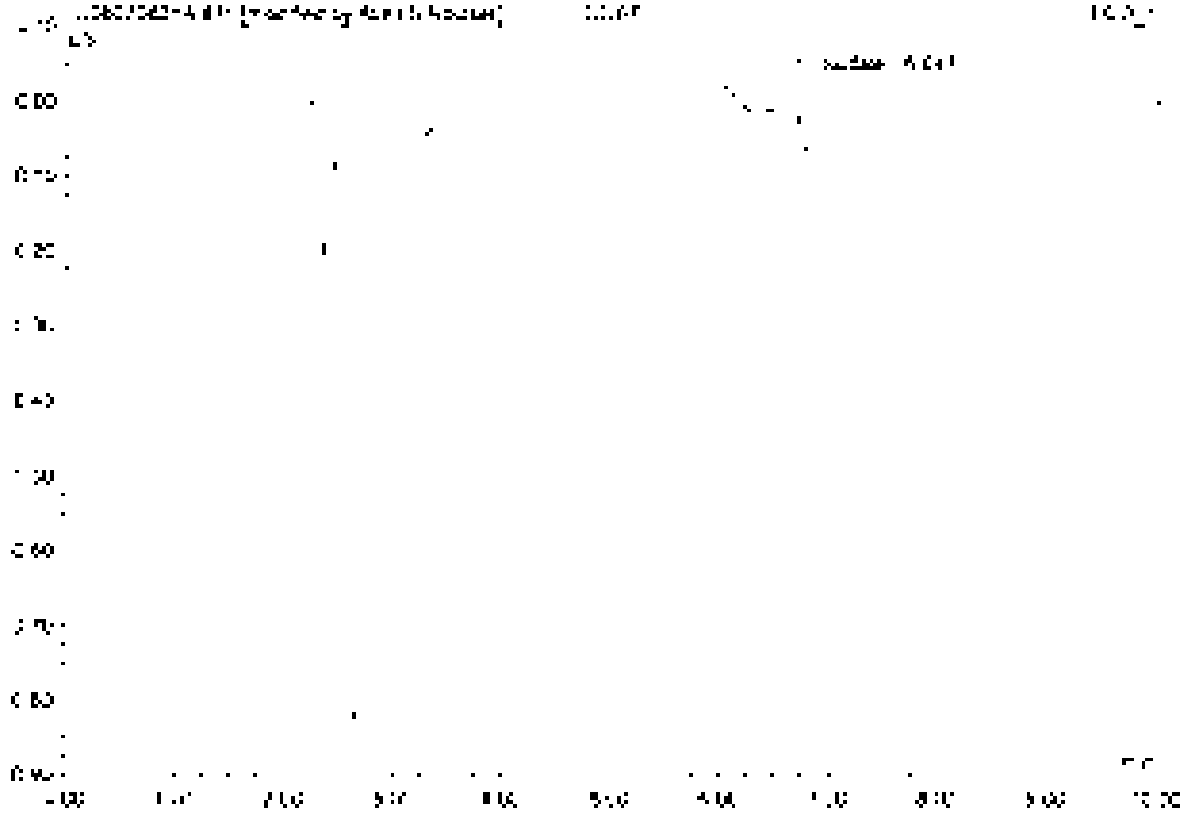
Sample Name	CCV7DUP	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 9:33	Sample Weight	1.0000
Run Time (min)	18.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	5.148	1.273	26.37	5.365	BMB
2	3.75	Chloride	7.106	0.836	17.32	4.928	BMB
3	4.37	Nitrite	5.620	0.886	18.41	2.457	BMB
4	4.96	Bromide	1.196	0.172	3.57	2.429	BMB
5	5.47	Nitrate	6.482	1.047	21.69	2.429	BMB
6	6.74	Sulfate	2.905	0.651	13.55	4.957	BMB
Total:			28.446	4.827	100.00	22.568	

71 CCB7

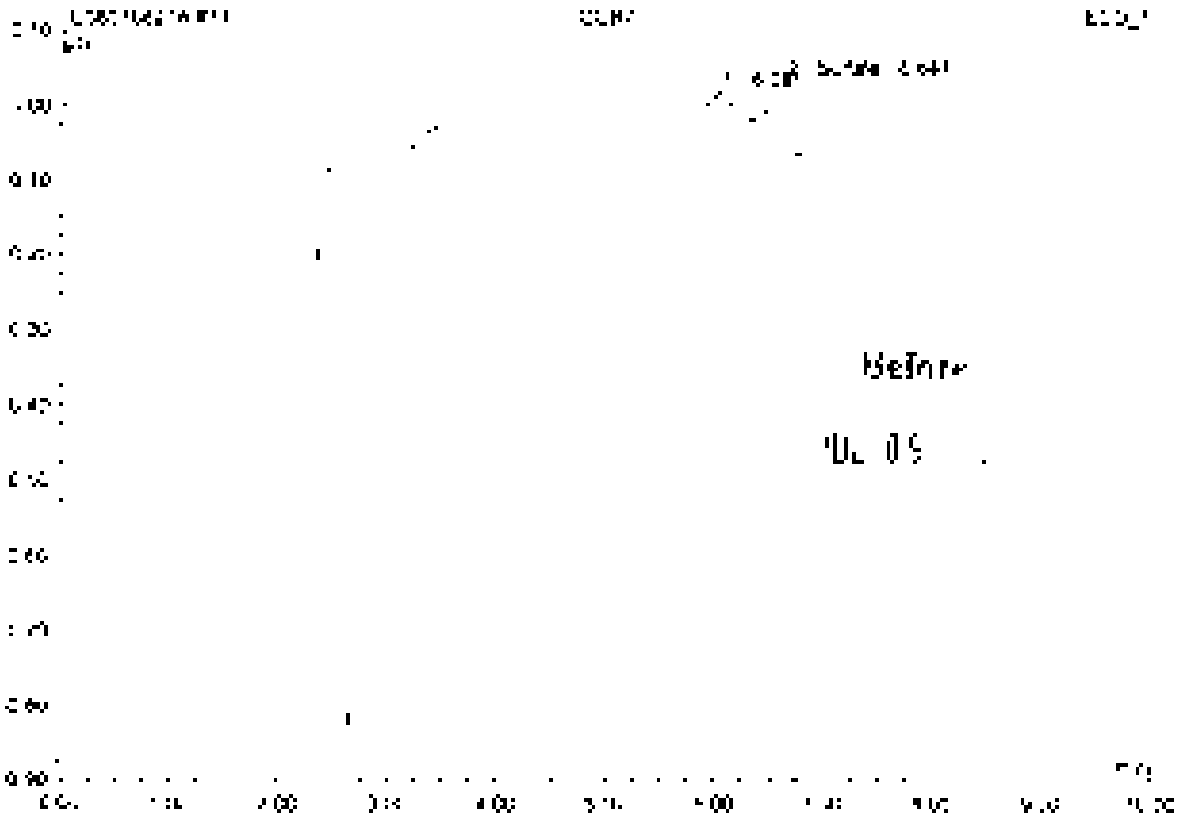
Sample Name	CCB7	Injection volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Calibrat. Factor	1.0000
Processing Time	7/6/2021 9:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.55	Surface	0.048	0.006	100.00	0.057	BMB'
Total:			0.048	0.006	100.00	0.057	

71 CCB7

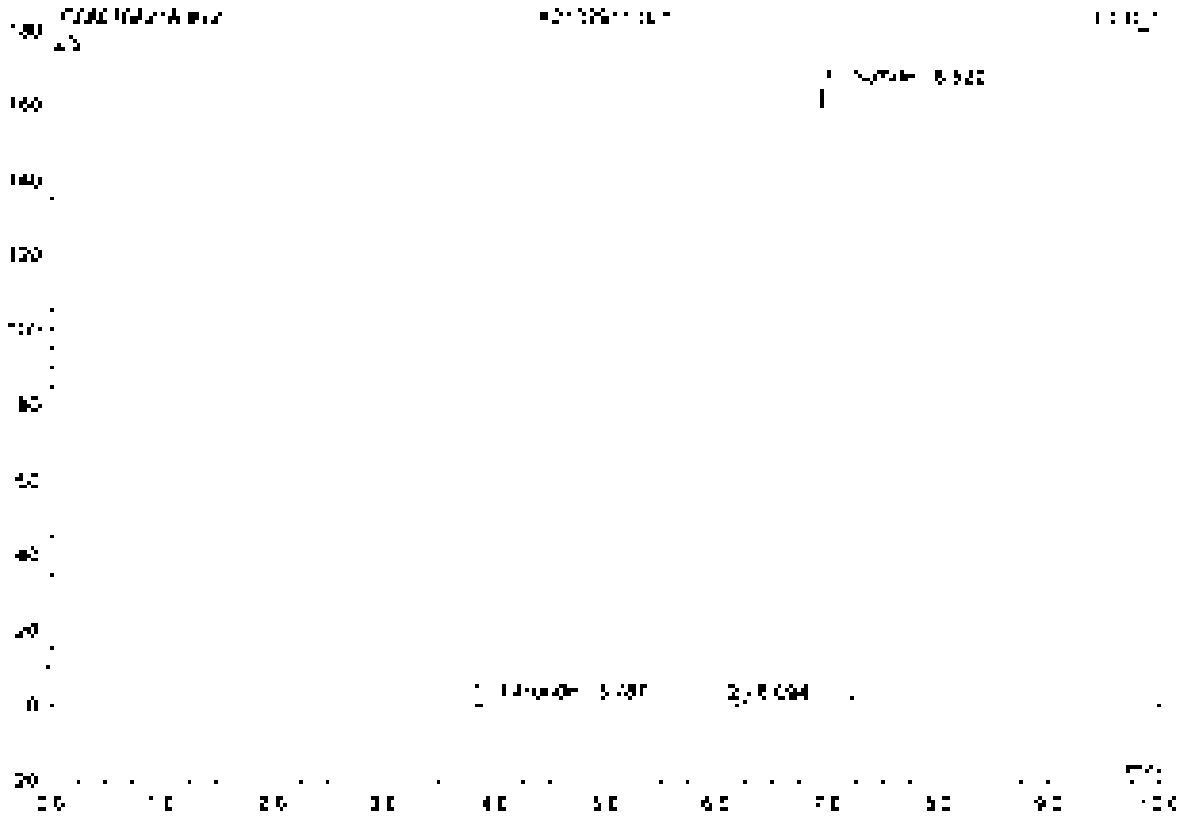
Sample Name	CCB7	Injection Volume	20.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Calibrn Chromatogr.	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 9:34	Sample Weight	1.0000
Run Time [min]	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.05	n.a.	0.099	1.352	92.79	n.a.	BMb
2	6.65	Sulfate	0.087	0.017	1.21	0.135	bMB
Total:			0.186	1.368	100.00	0.135	

72 K2107911-001

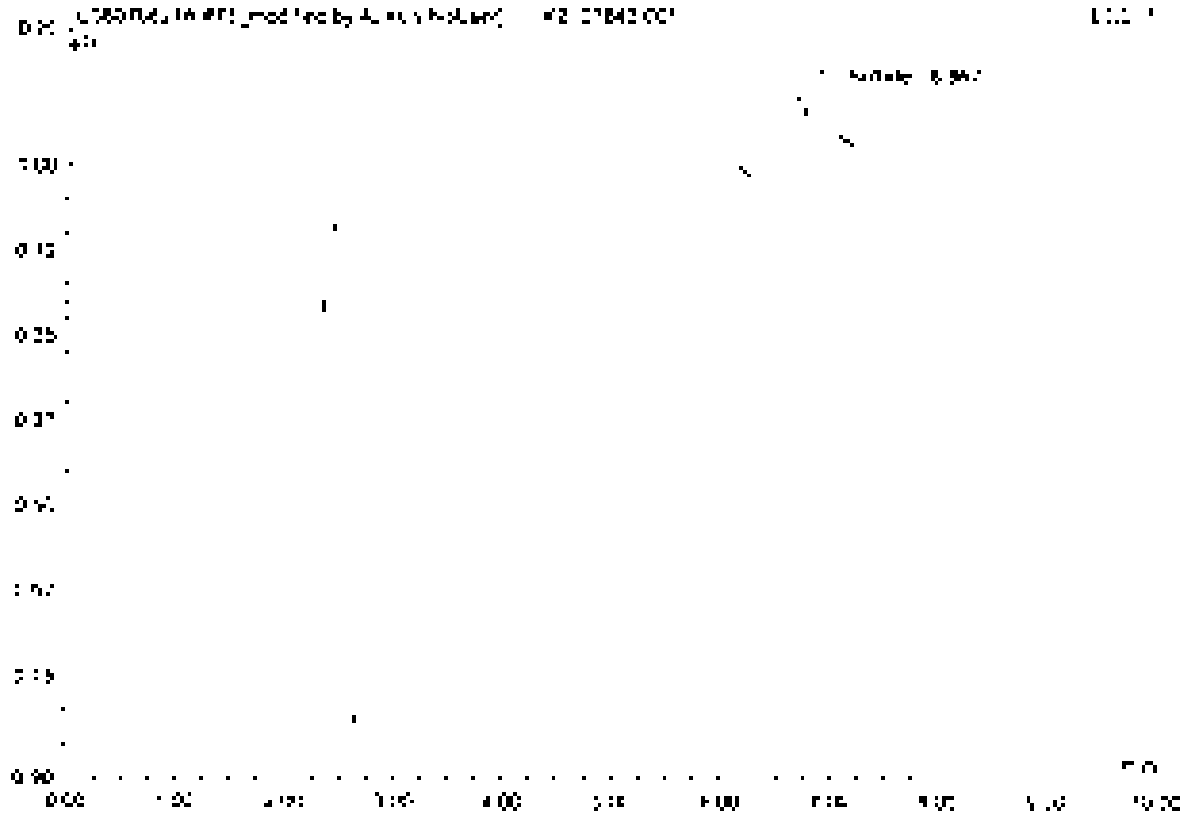
Sample Name	K2107911-001	Injection Volume	25.0
Vial Number	3	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	7/9/2021 9:46	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.72	Chloride	0.716	0.254	0.46	1.012	BMB
2	6.09	n.a.	0.132	0.016	0.03	n.a.	BV5
3	8.92	Sulfate	163.226	56.597	99.52	519.840	BV3
Total:			164.075	56.866	100.00	520.852	

73 K21078A3-001

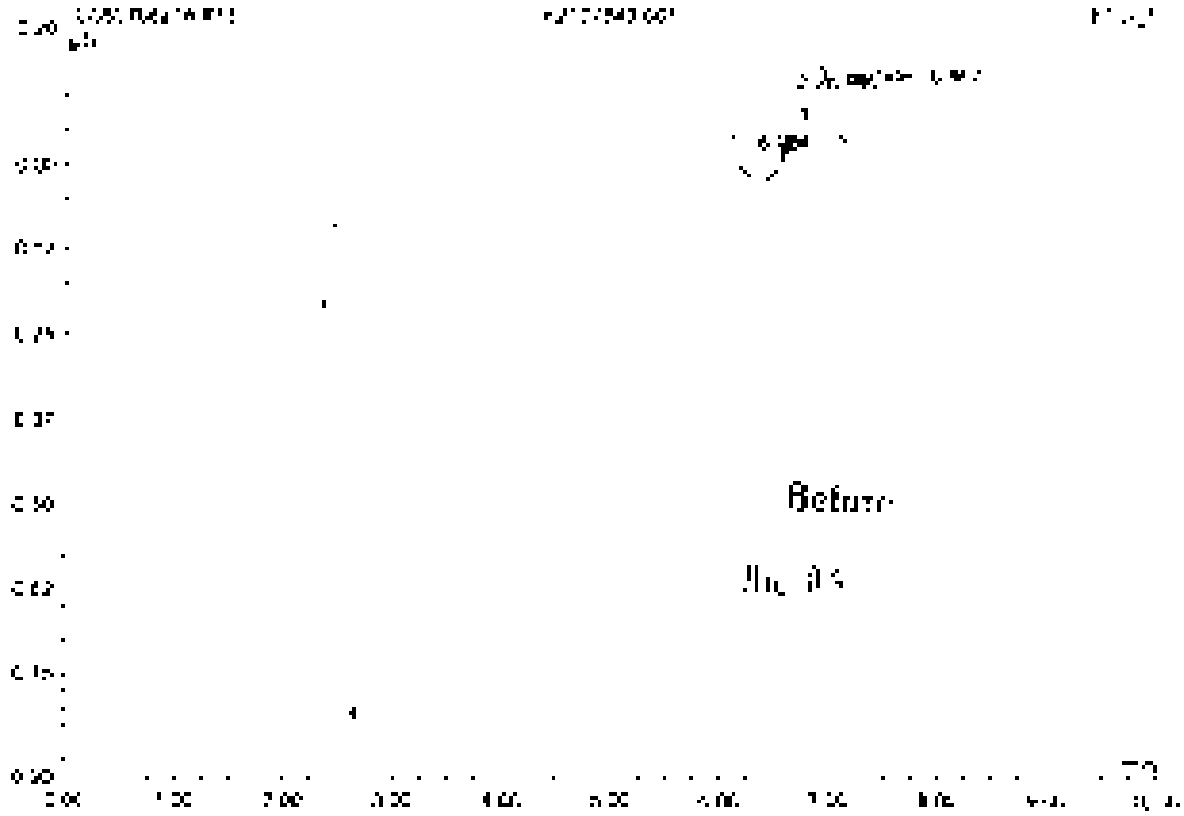
Sample Name	K21078A3-001	Injection Volume	35.0
Vial Number	4	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	2.0000
Recording Time	7/9/2021 9:53	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.87	S. lale	0.053	0.009	100.00	0.145	BV8*
Total: 1			0.053	0.009	100.00	0.145	

73 K2107843-001

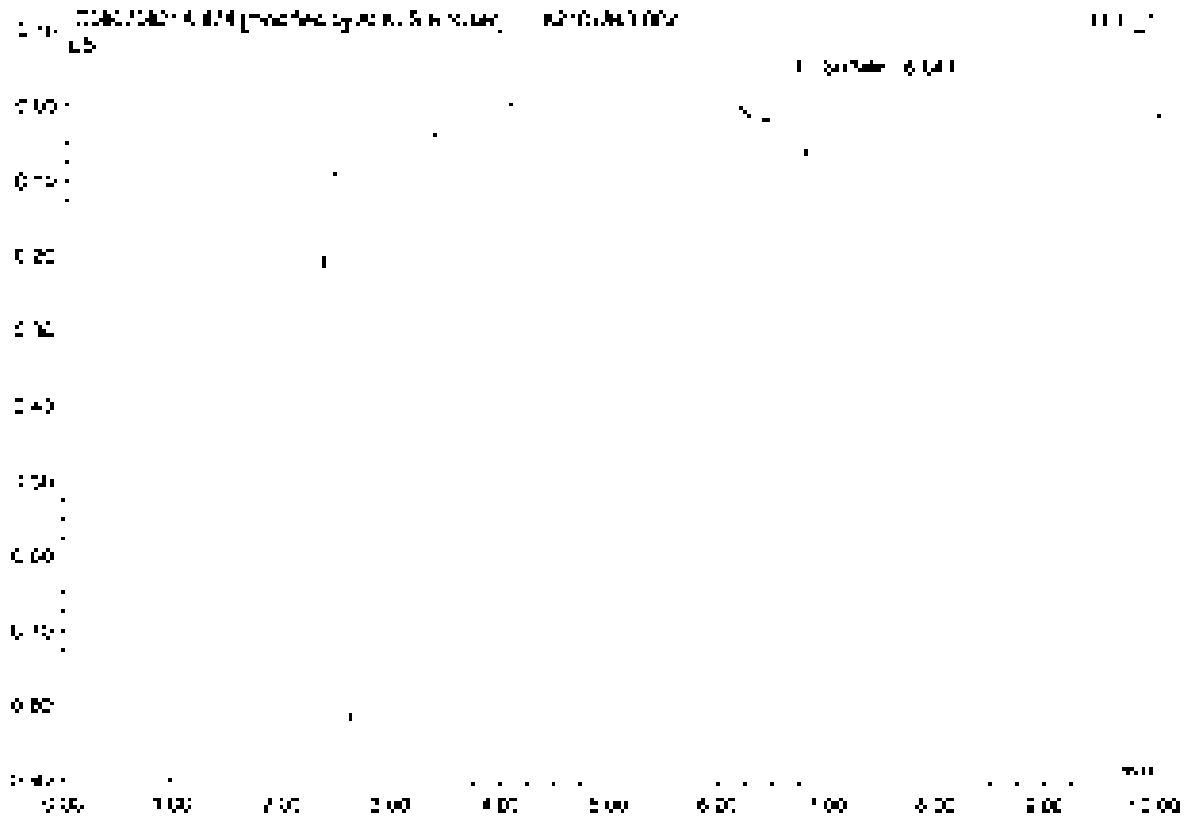
Sample Name	K2107843-001	Injection Volume	25.0
Vial Number	4	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Original Method	epa300	Dilution Factor	2.0000
Recording Time	7/9/2021 8:58	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.06	n.a.	0.119	1.085	92.92	n.a.	BV8
2	6.69	n.a.	0.057	0.005	0.43	n.a.	BMb
3	6.87	Sulfate	0.052	0.009	0.65	0.148	PMB
Total:			0.228	1.400	100.00	0.148	

74 K2107843.002

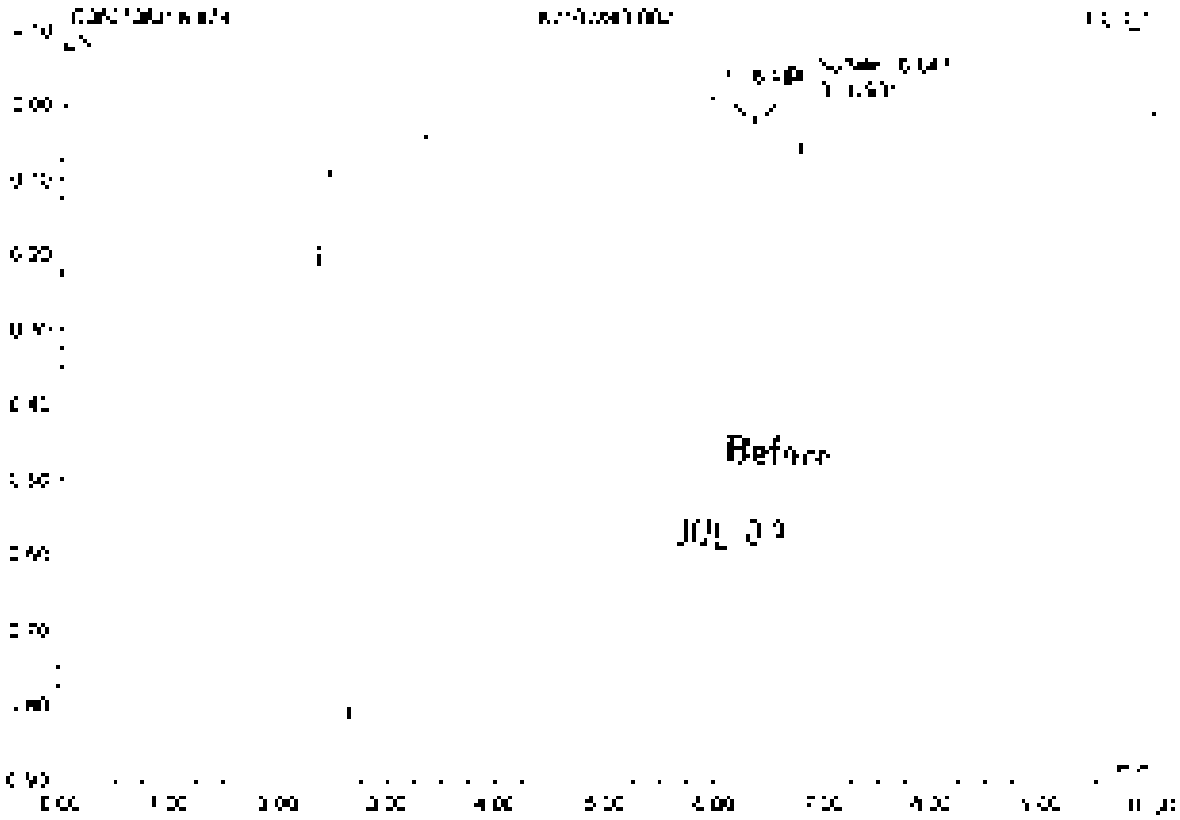
Sample Name	K2107843.002	Injection Volume	25.0
Vial Number	6	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Processing Time	7/6/2021 10:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	5.05	Surface	0.053	0.007	100.00	0.117	BMB*
Total:			0.053	0.007	100.00	0.117	

74 K2107843-002

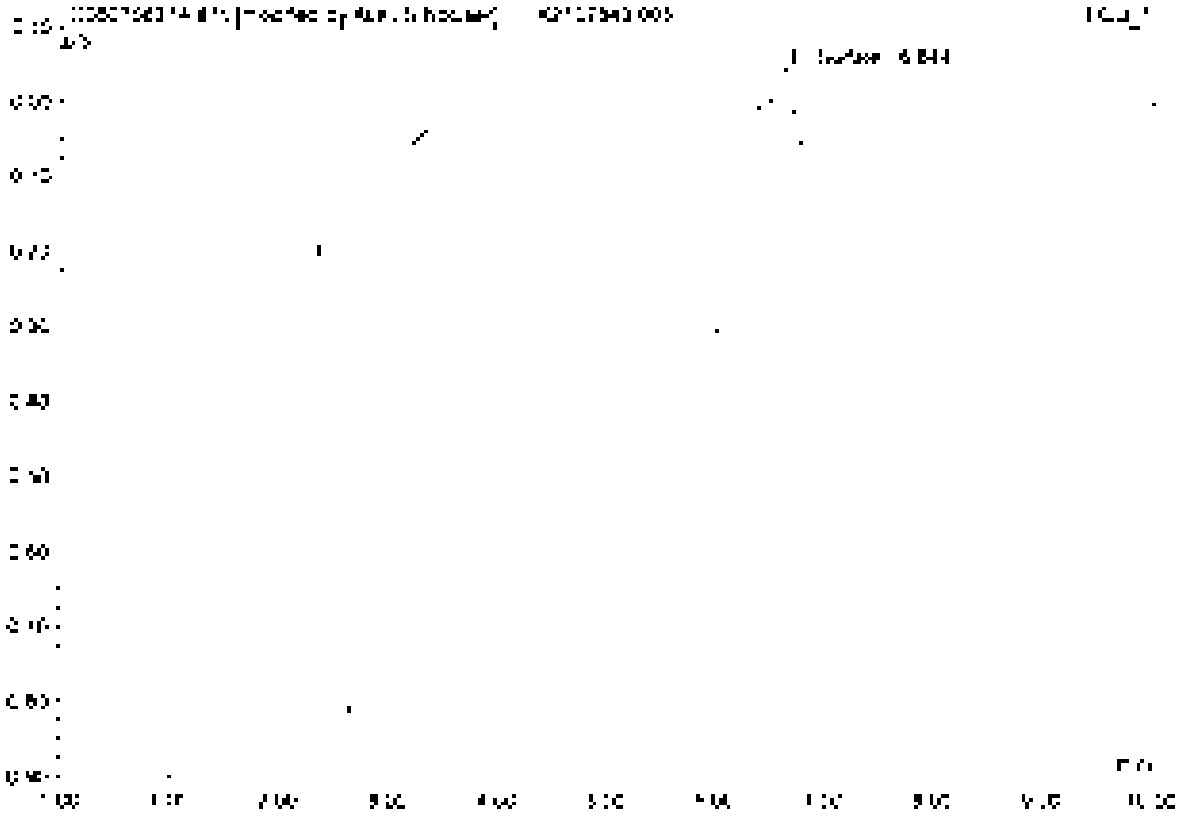
Sample Name	K2107843-002	Injection Volume	25.0
Vial Number	6	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Acquisition Time	7/9/2021 10:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.35	n.a.	0.126	[illegible]	[illegible]	n.a.	BMB
2	6.55	Sulfate	0.056	0.016	[illegible]	0.065	eMB
3	6.93	n.a.	0.062	0.076	5.21	n.a.	BMB
Total:			0.238	1.454	100.00	0.265	

T5 K2107843-003

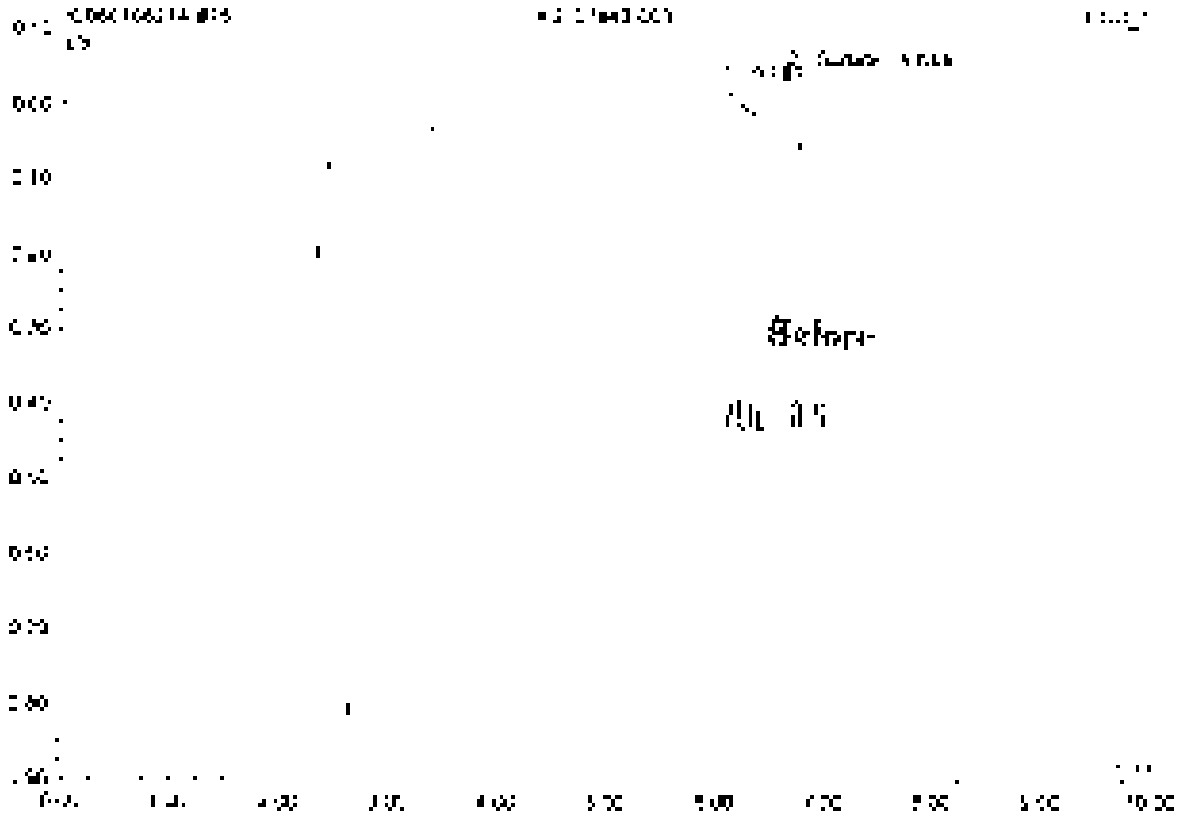
Sample Name	K2107843-003	Injection Volume	25.0
Vial Number	6	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Method Number	epa300	Dilution Factor	2.0000
Recording Time	7/9/2021 10:22	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	0.64	Surface	0.057	0.008	100.00	0.135	BV*BP
Total:			0.057	0.008	100.00	0.135	

75 K2107843-003

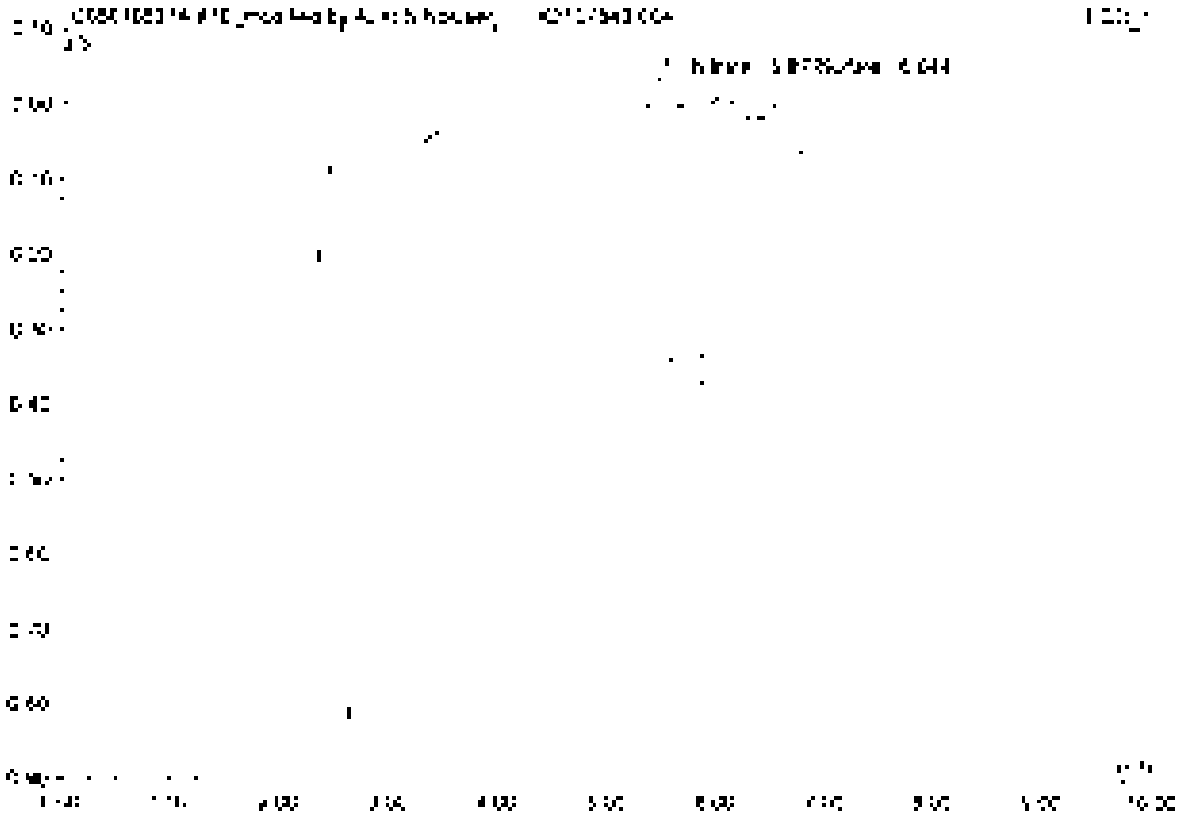
Sample Name	K2107843-003	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/9/2021 15:22	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.05	n.a.	0.101	1.351	98.78	n.a.	BMB
2	6.64	Sulfate	0.009	0.017	1.22	0.271	BMB
Total:			0.110	1.367	100.00	0.271	

76 K2107843-004

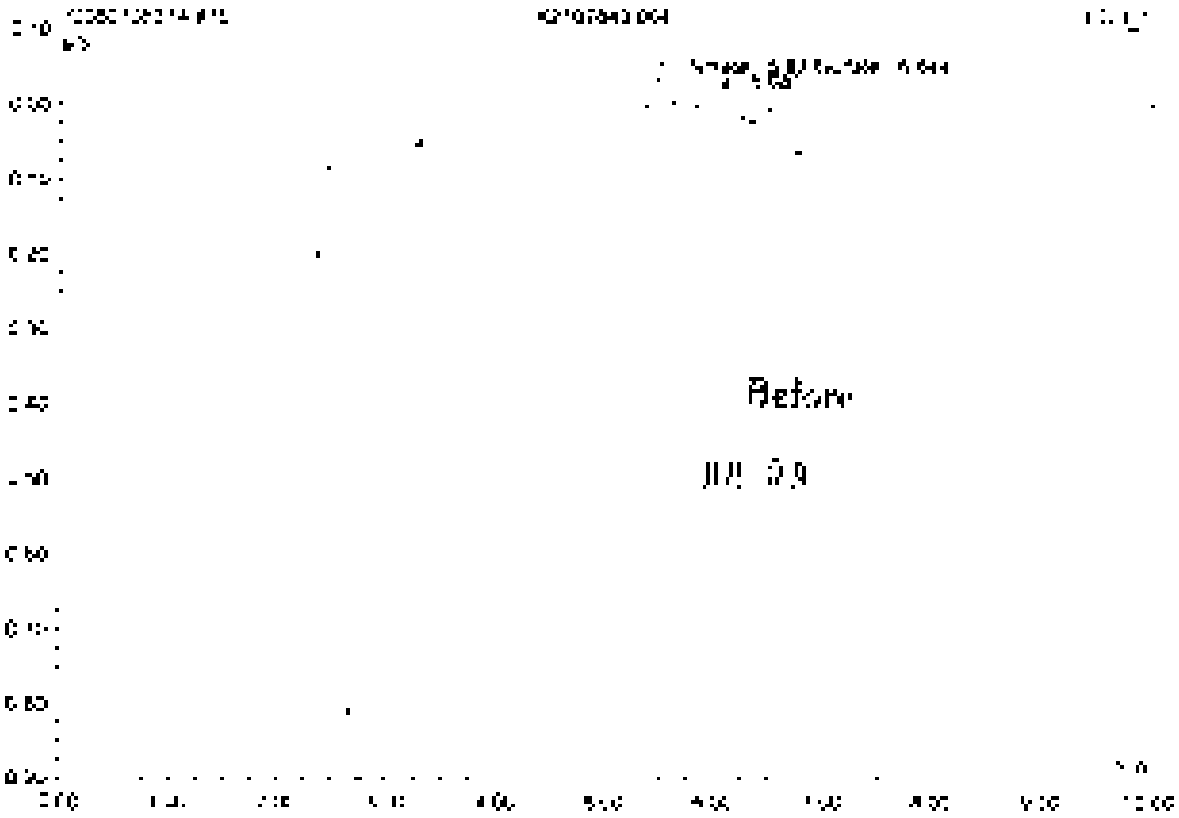
Sample Name	K2107843-004	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	7/5/2021 10:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.48	Nonane	0.039	0.006	45.12	0.028	BV BV
2	6.04	Sulfate	0.052	0.007	54.88	0.116	BV BV
Total:			0.091	0.013	100.00	0.144	

76 K2107843-004

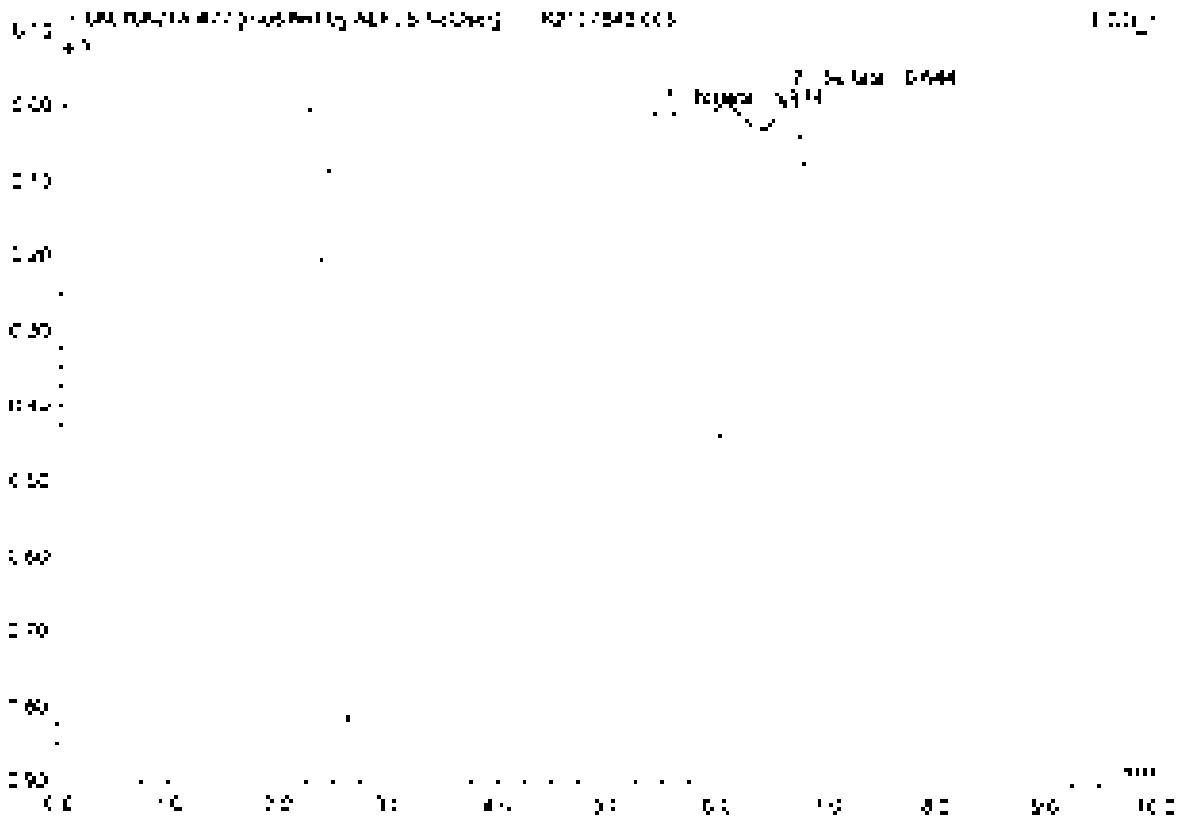
Sample Name	K2107843-004	Injection Volume	26.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	7/9/2021 10:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.45	Nitrate	0.046	0.050	65.12	0.340	BV*
2	6.05	n.a.	0.025	0.006	7.71	n.a.	BV*
3	6.64	Sulfate	0.096	0.017	23.17	0.174	BV*
Total:			0.166	0.073	100.00	0.514	

77 K2107843-005

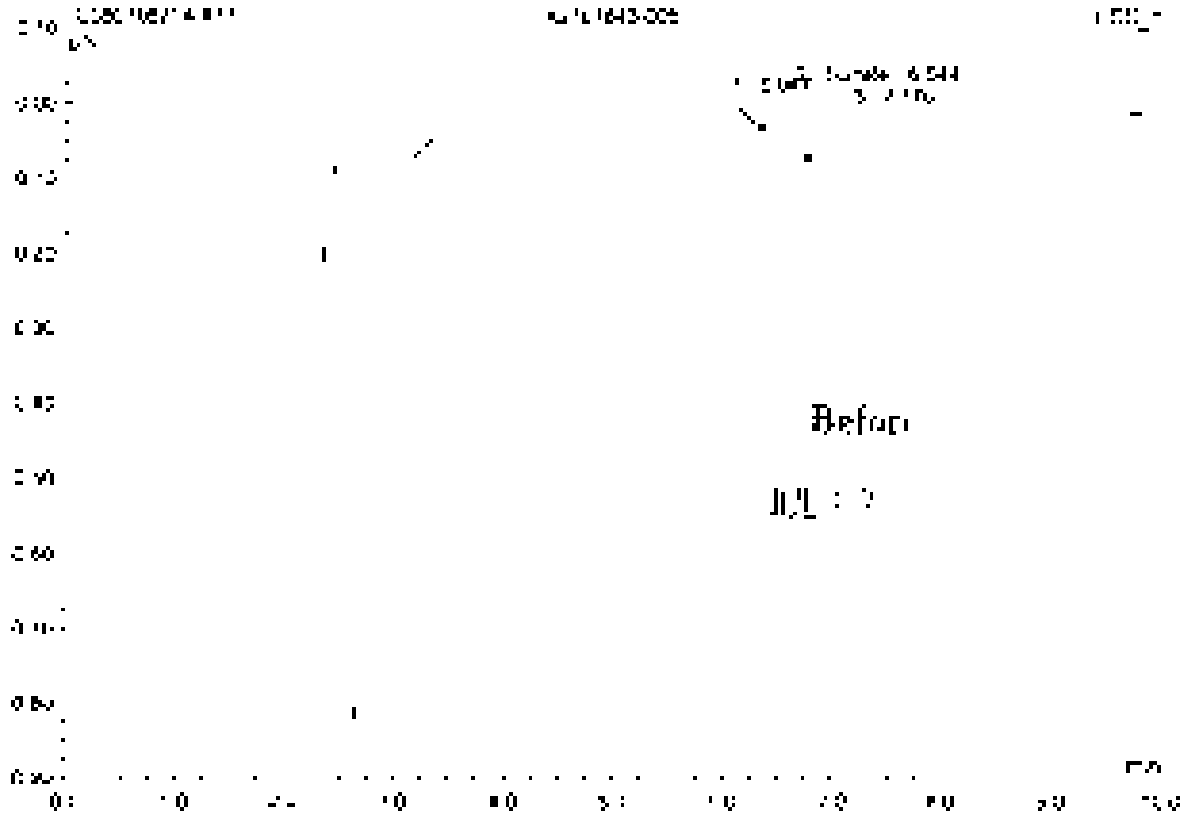
Sample Name	K2107843-005	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	7/8/2021 10:45	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.47	Nitrate	0.002	0.001	12.70	0.005	BMB*
2	6.64	Sulfate	0.055	0.007	87.30	0.114	BMB*
Total:			0.058	0.008	100.00	0.119	

77 K2107843-005

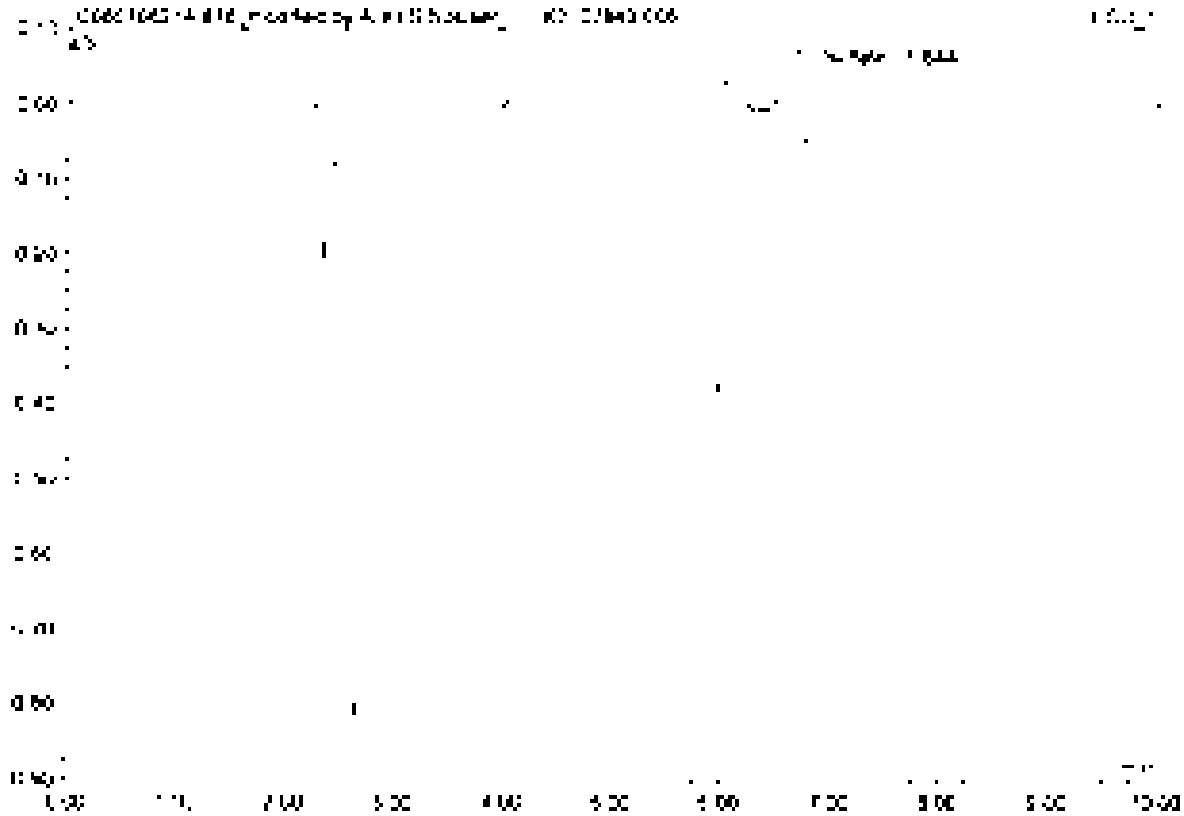
Sample Name	K2107843-005	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	7/9/2021 10:45	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.05	n.a.	0.100	1.362	51.60	n.a.	BV s
2	6.64	Sulfate	0.029	0.018	1.11	0.268	bVB
3	7.17	n.a.	0.085	0.158	7.29	n.a.	VMB
Total:			0.257	1.436	100.00	0.268	

78 K2107843-006

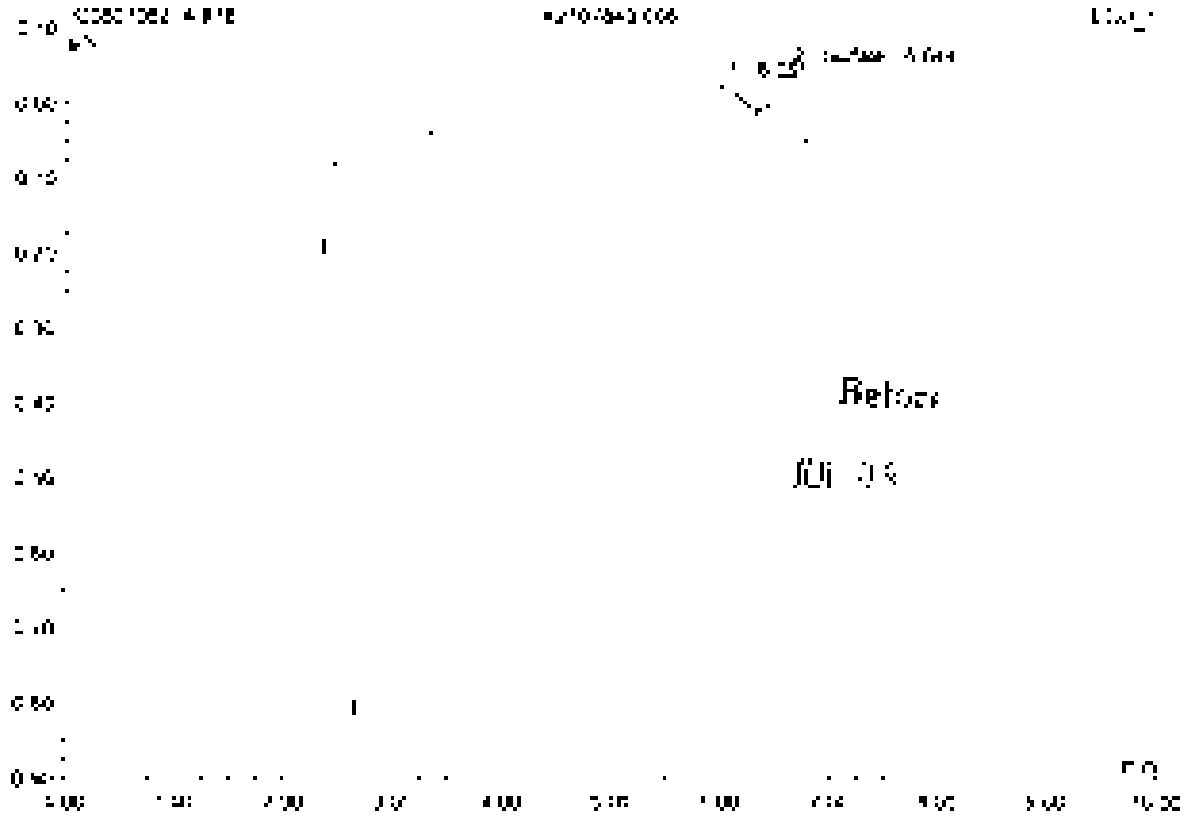
Sample Name	K2107843-006	Injection Volume	25.0
Vial Number	9	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	7/9/2021 10:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.04	Surface	0.057	0.008	100.00	0.134	BV*B*
Total:			0.057	0.008	100.00	0.134	

7B K2107843-006

Sample Name	K2107843-006	Injection Volume	25.0
Vial Number	9	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Method Name	epa300	Dilution Factor	2.0000
Recording Time	7/9/2021 10:57	Sample Weight	1.0000
Run Time (min)	16.00	Sample Amount	1.0000

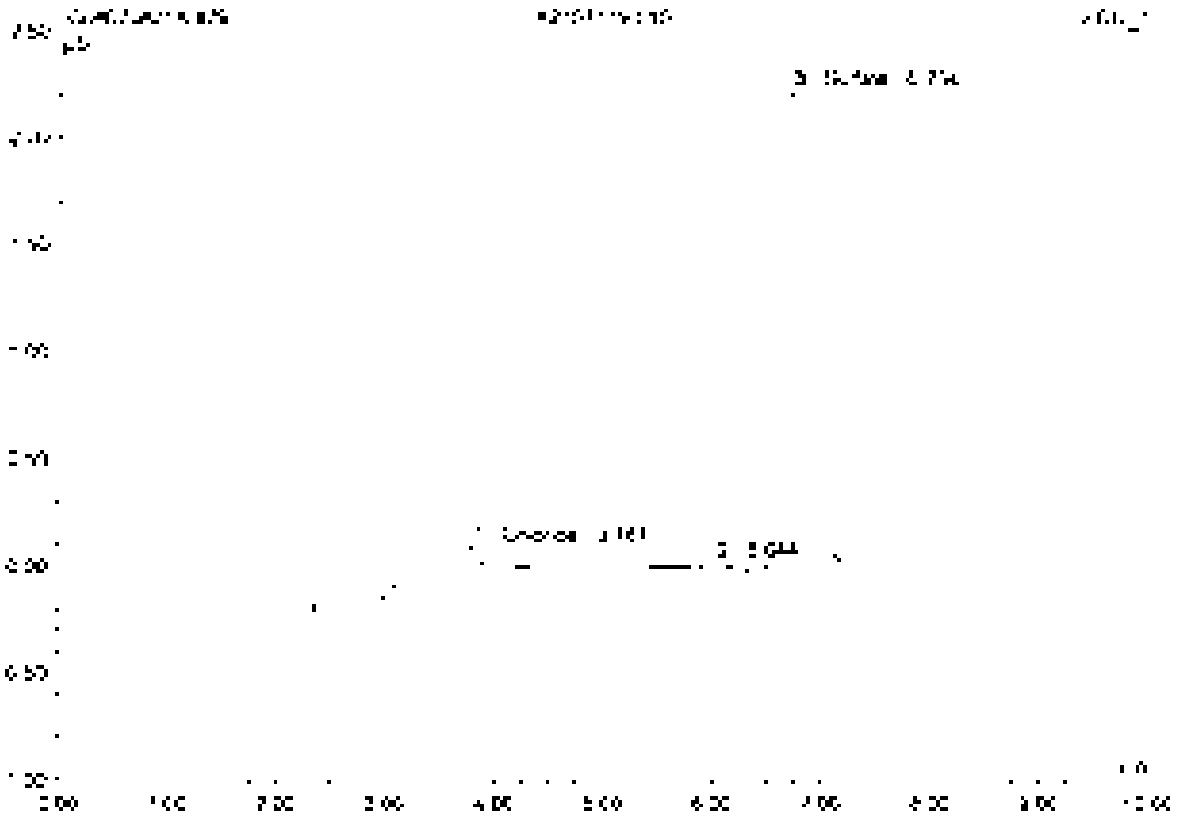


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.05	n.a.	0.039	1.350	98.81	n.a.	BMB
2	6.64	Sulfate	0.003	0.016	1.19	0.203	BMB
Total:			0.156	1.366	100.00	0.203	

79 K2107119-010

SO4 RERUN

Sample Name	K2107119-010	Injection Volume	25.0
Vial Number	10	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	400.0000
Recording Time	7/9/2021 11:09	Sample Weight	1.0000
Run Time (min)	40.00	Sample Amount	1.0000

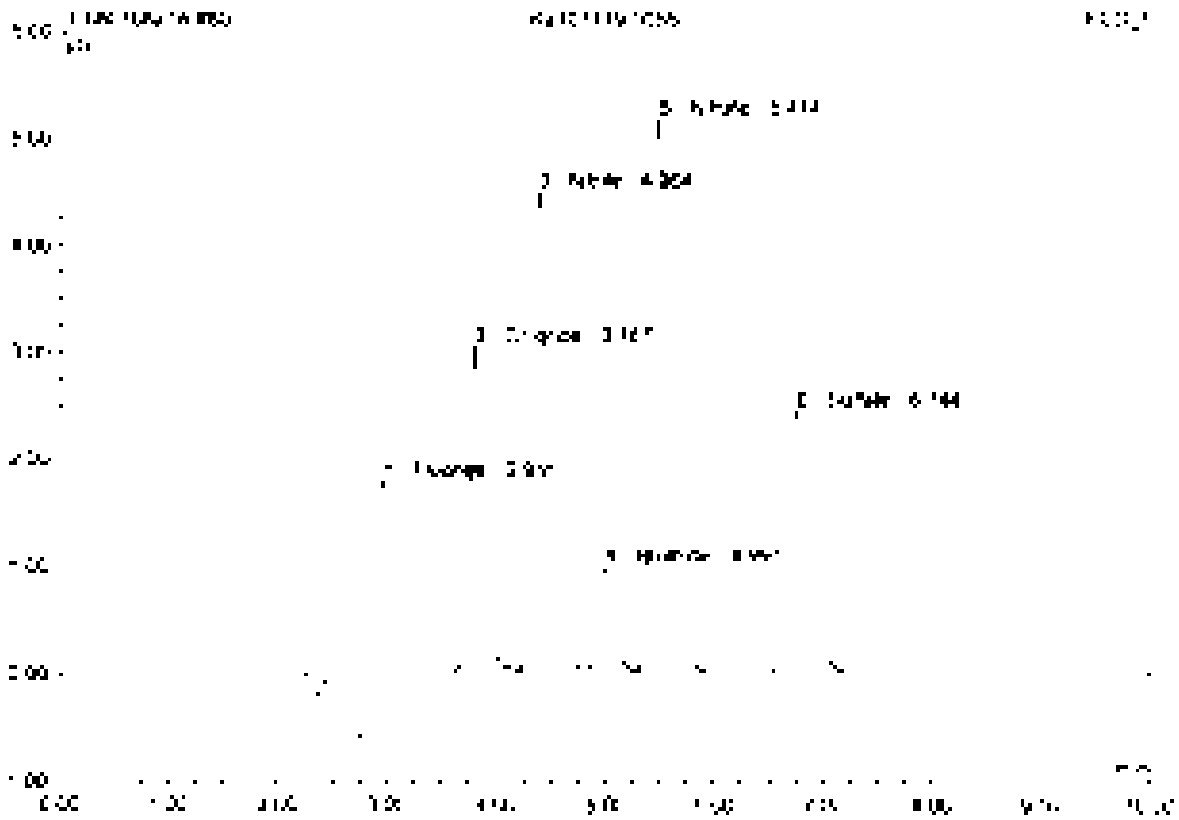


No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.79	Chloride	0.150	0.078	13.55	180.384	BMB
2	6.34	n.a.	0.038	0.012	2.12	n.a.	BMB
3	6.73	Sulfate	2.209	0.472	84.31	1534.203	BMB
Total:			2.406	0.562	100.00	1714.587	

80 K2107119-005S

SO4 RERUN

Sample Name	K2107119-005S	Injection Volume	25.0
Vial Number	11	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant. Method	apa300	Dilution Factor	20.0000
Recovery Time	7/8/2021 11:21	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

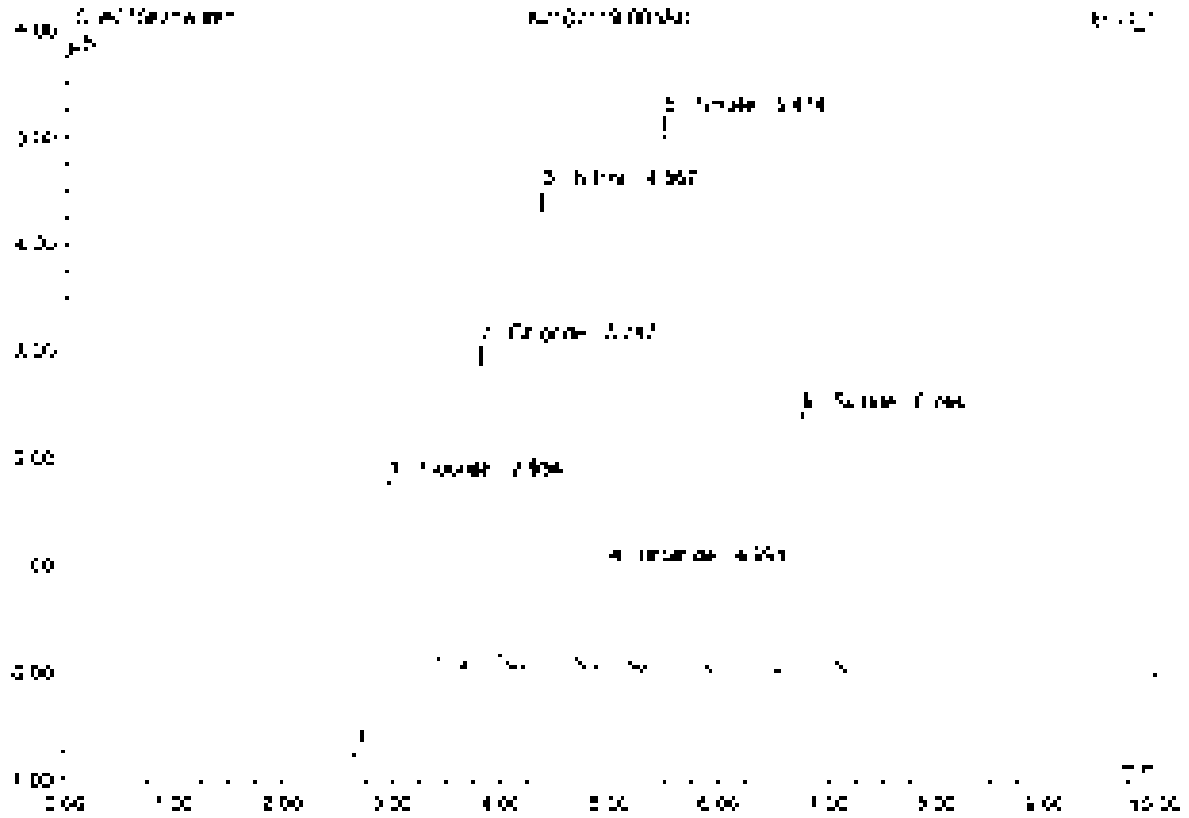


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	2.254	0.628	19.75	50.644	BMB
2	3.79	Chloride	2.997	0.358	11.26	47.374	BMB
3	4.35	Nitrite	4.464	0.704	22.13	39.554	BMB
4	4.99	Bromide	0.056	0.138	4.34	18.911	BMB
5	5.67	Nitrate	5.141	0.836	26.27	29.736	BMB
6	8.74	Sulfate	2.431	0.517	16.25	83.967	BMB
Total:			18.242	3.181	100.00	293.585	

81 K2107119-005SD

SO4 RERUN

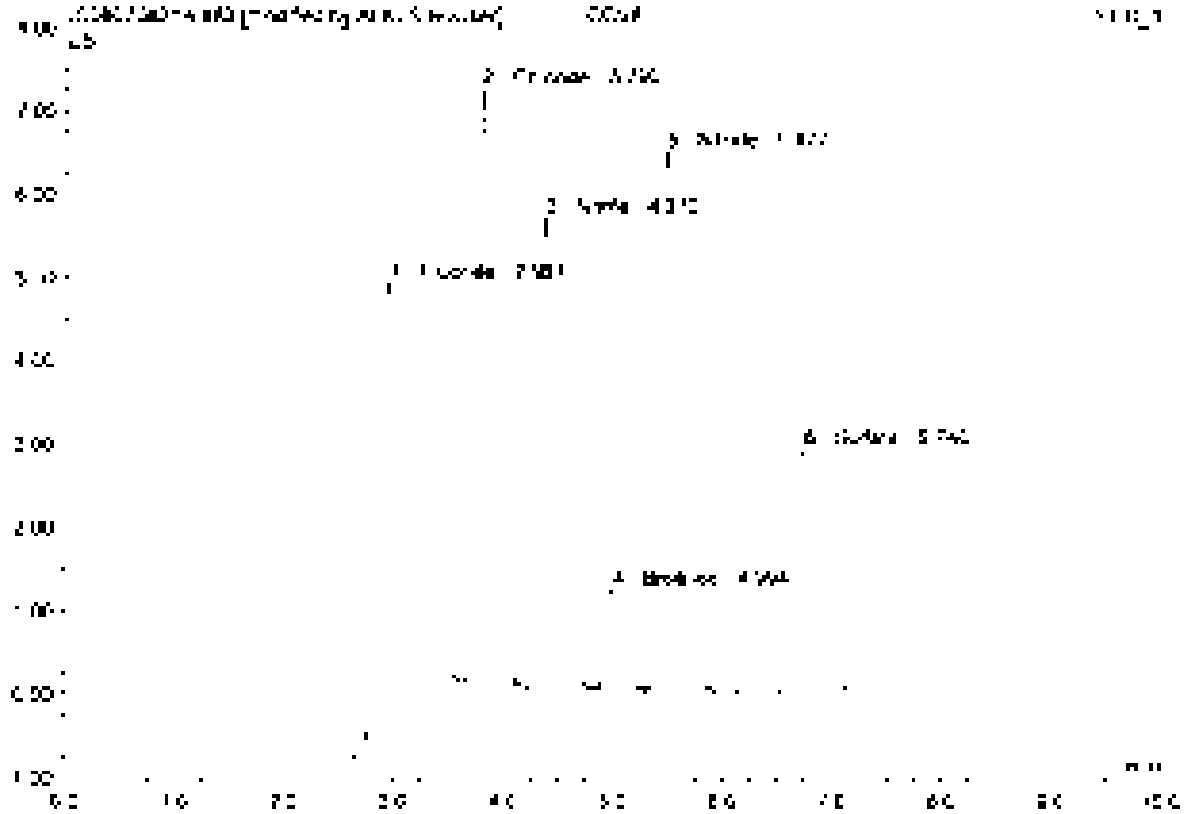
Sample Name	K2107119-005SD	Injection Volume	25.0
Vial Number	12	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Solvent	n.a.
Quantit. Method	epa300	Dilution Factor	20.0000
Processing Time	7/9/2021 11:02	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.05	Fluoride	2.272	0.635	19.00	50.544	BMB
2	2.79	Chloride	3.016	0.381	11.30	41.682	BMB
3	4.37	Nitrite	2.435	0.736	22.11	39.672	BMB
4	4.99	Bromide	0.962	0.139	4.16	39.241	BMB
5	5.47	Nitrate	5.164	0.939	28.25	39.897	BMB
6	5.74	Sulfate	2.412	0.570	16.95	51.941	BMB
Total:			18.211	3.193	100.00	294.977	

#2 CCV8

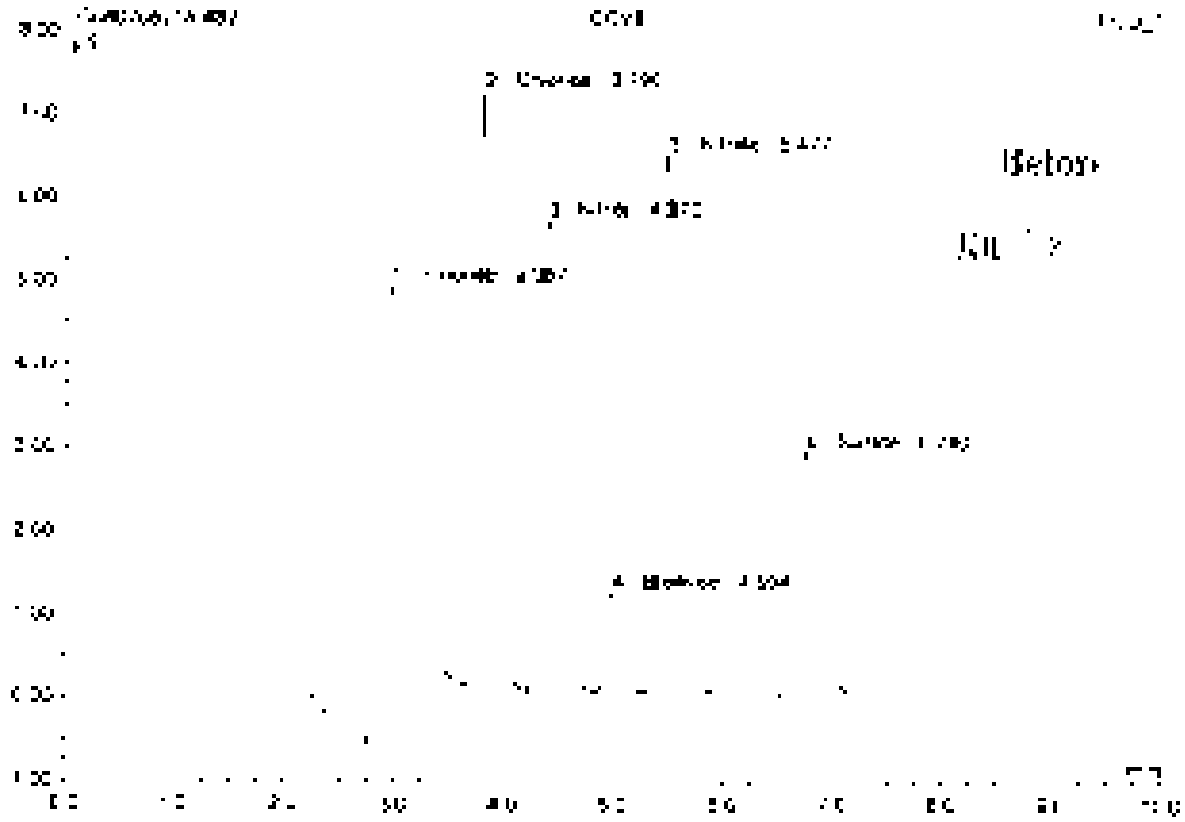
Sample Name	CCV8	Injection Volume	25.0
Vial Number	44	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	7/9/2021 11:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.96	Fluoride	5.307	[illegible]	26.06	[illegible]	BMB*
2	3.79	Chloride	7.122	0.837	17.40	6.934	BMB*
3	4.37	Nitrite	5.657	0.585	18.48	2.458	BMB
4	4.99	Nitrate	1.198	0.172	3.58	2.426	BMB
5	5.48	Nitrite	6.474	1.047	21.76	2.485	BMB
6	5.74	Sulfate	2.973	0.612	12.72	4.967	BMB
Total:			28.671	4.811	100.00	22.205	

82 CCV8

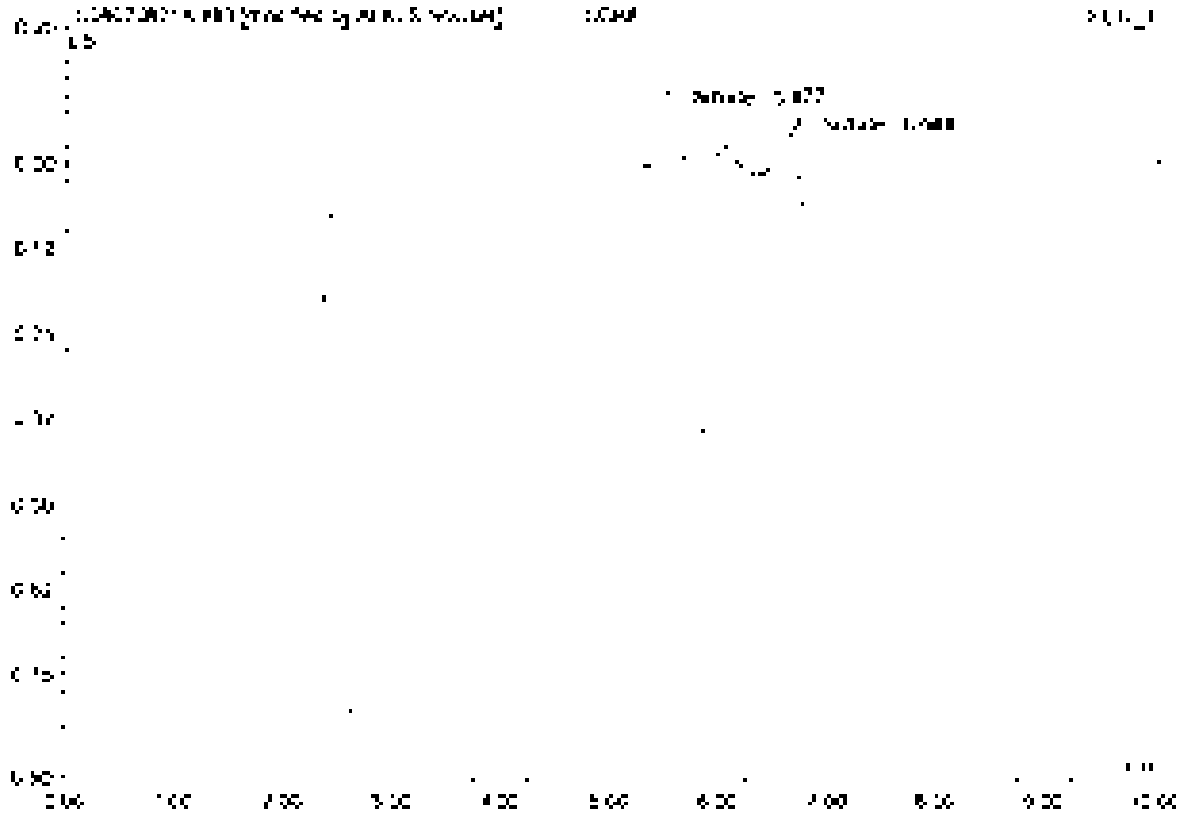
Sample Name	CCV8	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 11:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	5.237	1.306	26.86	5.201	BMB
2	3.79	Chloride	7.122	0.837	17.21	4.834	BMB
3	4.37	Nitrite	5.657	0.989	19.28	2.498	BMB
4	4.99	Bromide	1.165	0.172	3.54	2.425	BMB
5	5.48	Nitrate	6.474	1.047	21.50	2.489	BMB
6	6.74	Sulfate	2.913	0.612	12.58	4.997	BMB
Total:			28.700	4.863	100.00	22.415	

83 CCB0

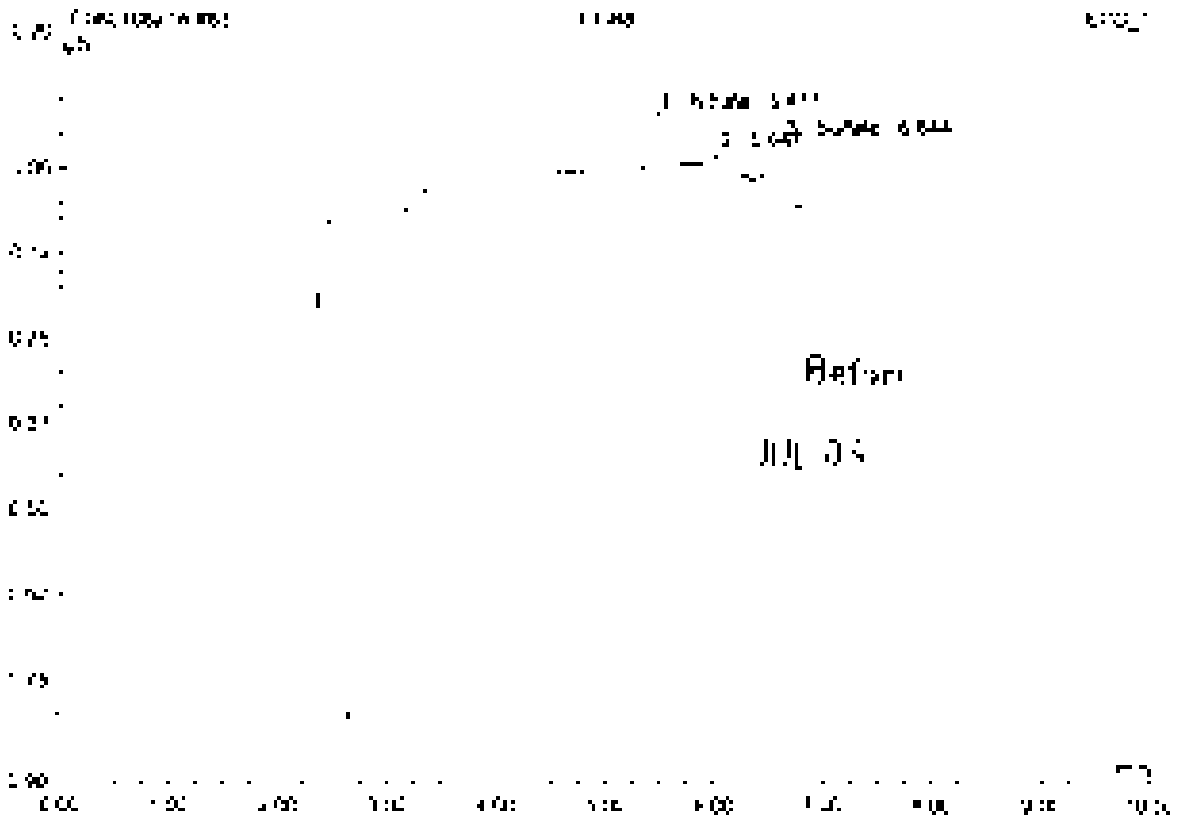
Sample Name	CCB0	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Processing Time	7/9/2021 11:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.45	Acetate	0.081	0.012	66.03	0.030	BMB*
2	6.54	Sulfate	0.045	0.006	33.97	0.052	BMB*
Total:			0.130	0.019	100.00	0.082	

83 CCB8

Sample Name	CCB8	Injection Volume	35.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a
Control Program	epa300	Bandwidth	n.a
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 11:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

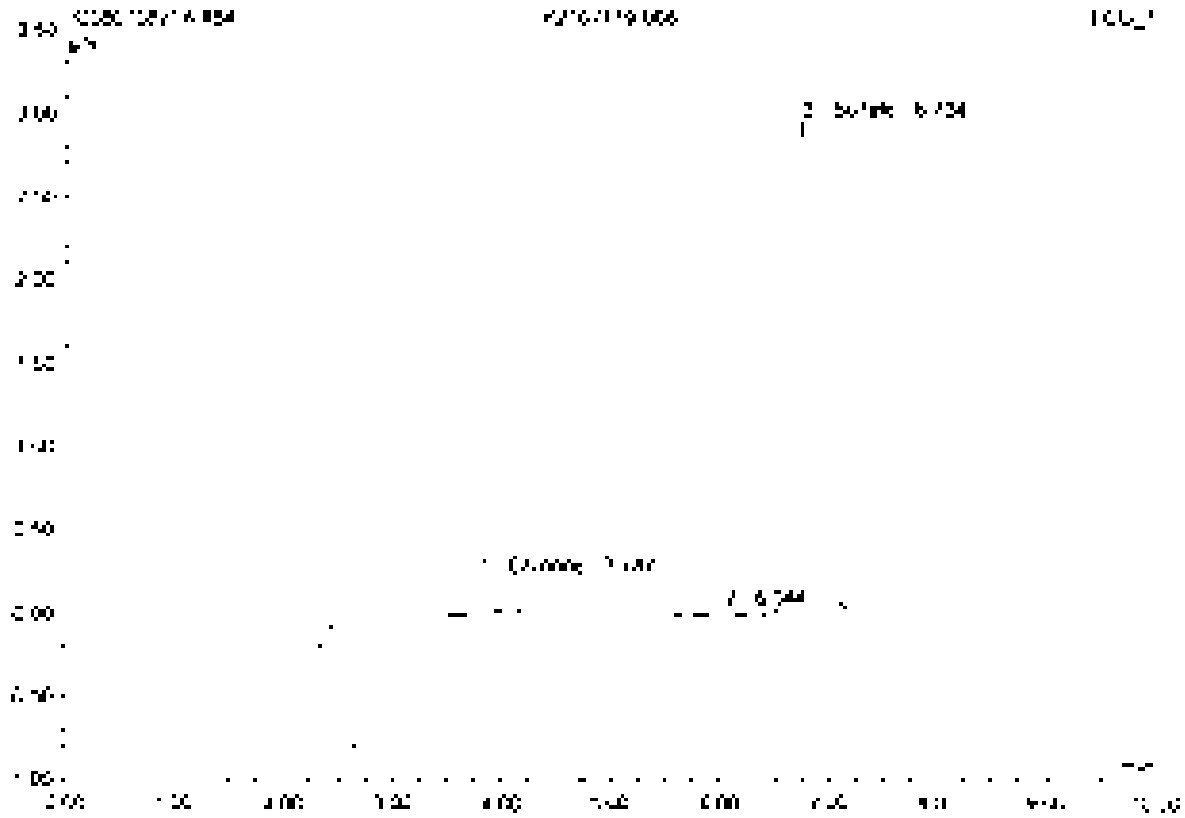


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.48	Nitrate	0.078	0.005	26.59	0.020	BMb
2	6.05	n.a	0.031	0.006	19.01	n.a	bVB
3	6.64	Sulfate	0.081	0.017	54.40	0.136	bMB
Total:			0.200	0.031	100.00	0.156	

84 K2107119-006

SO4 RERUN

Sample Name	K2107119-006	Injection Volume	25.0
Performer	5	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	200.0000
Recording Time	7/9/2021 13:28	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

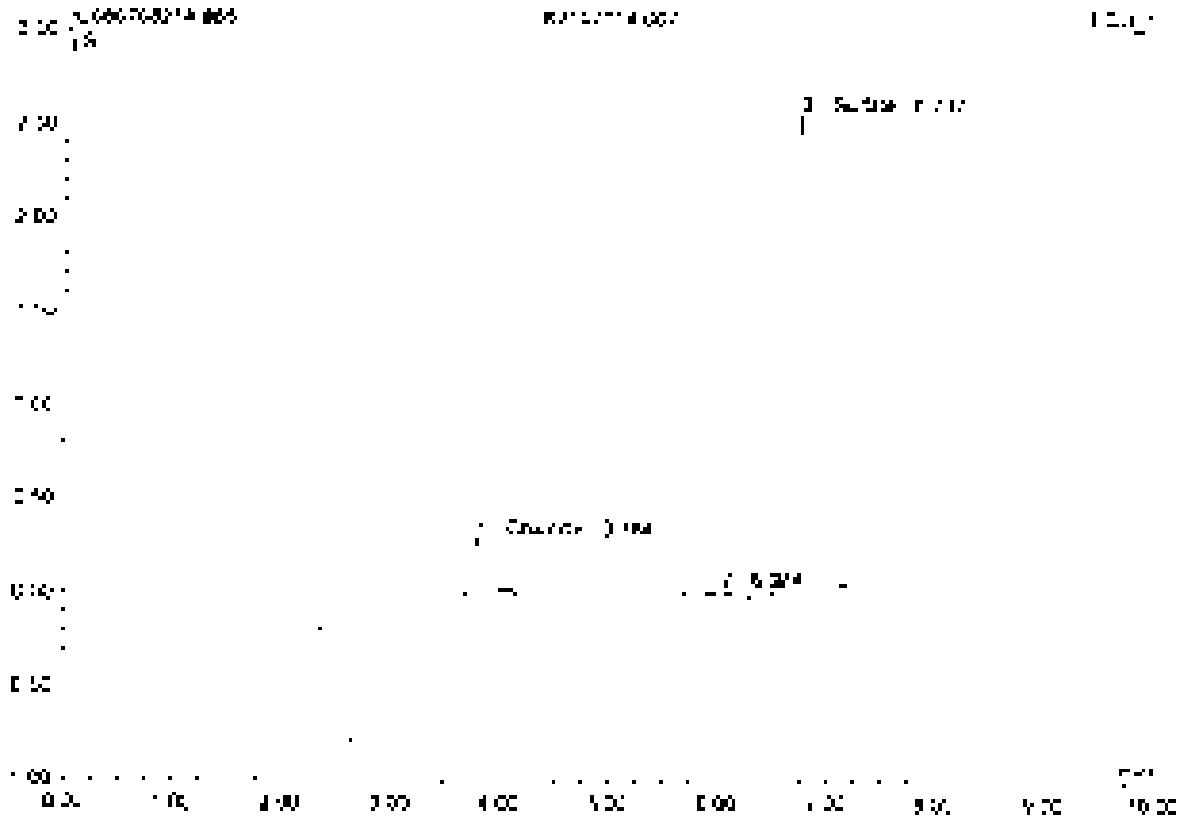


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BV B
2	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	[illegible]	BV B
3	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BV B
Total:			[illegible]	[illegible]	100.00	[illegible]	

85 K2107119-007

SO4 RERUN

Sample Name	K2107119-007	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a
Control Program	epa300	Bandwidth	n.a
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	7/9/2021 13:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

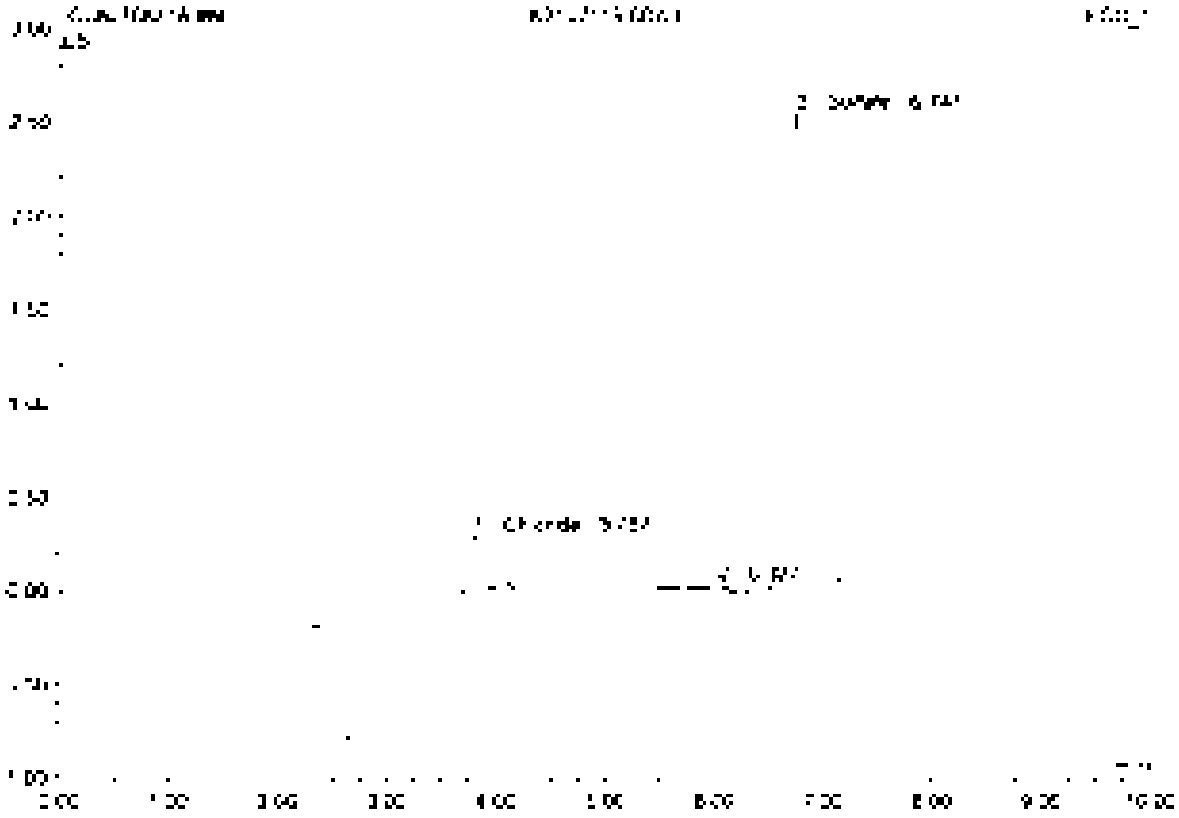


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chloride	0.295	0.037	6.45	6.322	BV/B
2	5.02	n.a	0.022	0.005	0.86	n.a	BV/B
3	6.24	Sulfate	2.522	0.537	92.69	87.236	BV/B
Total:			2.853	0.580	100.00	91.578	

86 K2107119-007D

SO4 RERUN

Sample Name	K2107119-007D	Injection Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a
Control Program	epa300	Bandwidth	n.a
Quantif. Method	epa300	Dilution Factor	20.0000
Recording Time	7/9/2021 13:51	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

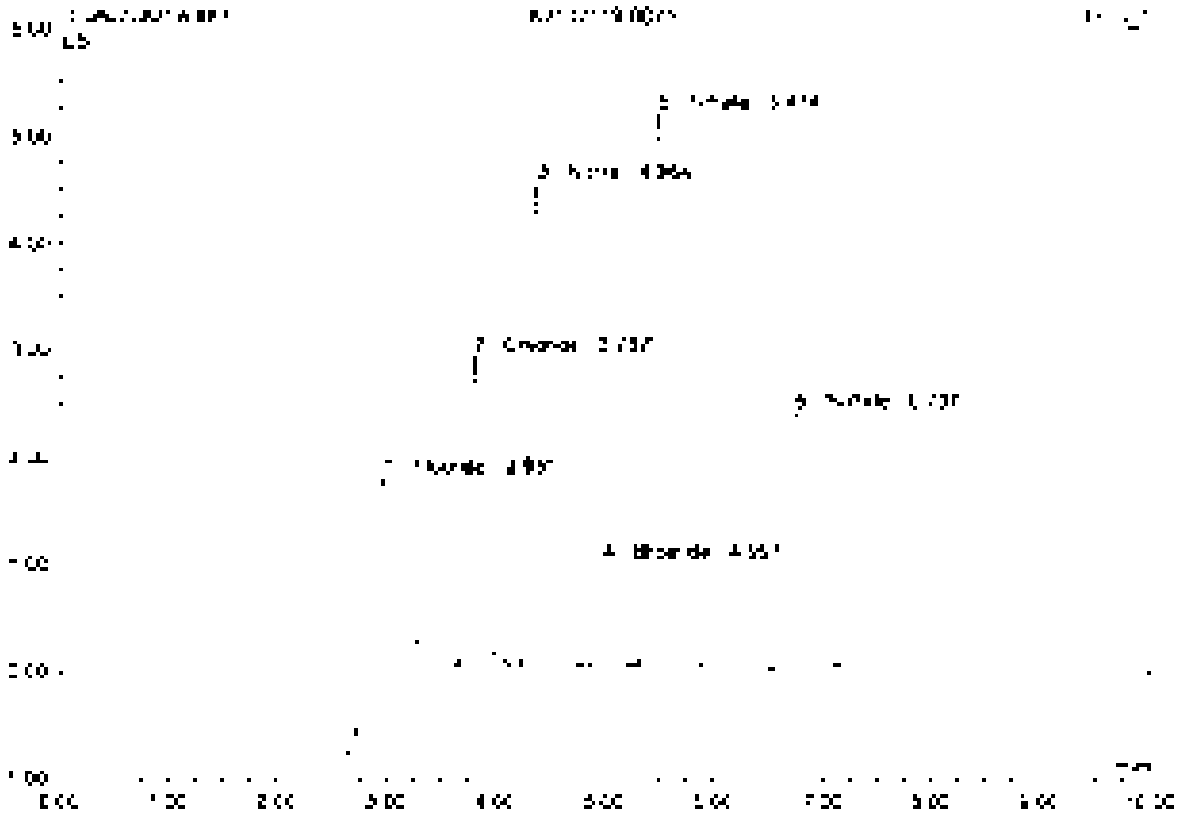


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.79	Chloride	0.295	0.037	6.21	4.723	BMB
2	6.03	n.a	0.031	0.009	1.45	n.a	BMB
3	6.74	Sulfate	2.515	0.534	92.34	86.772	BMB
Total:			2.841	0.579	100.00	90.995	

87 K2107119-007S

SO4 RERUN

Sample Name	K2107119-007S	Injection Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	40.0000
Recording Time	7/9/2021 14:02	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

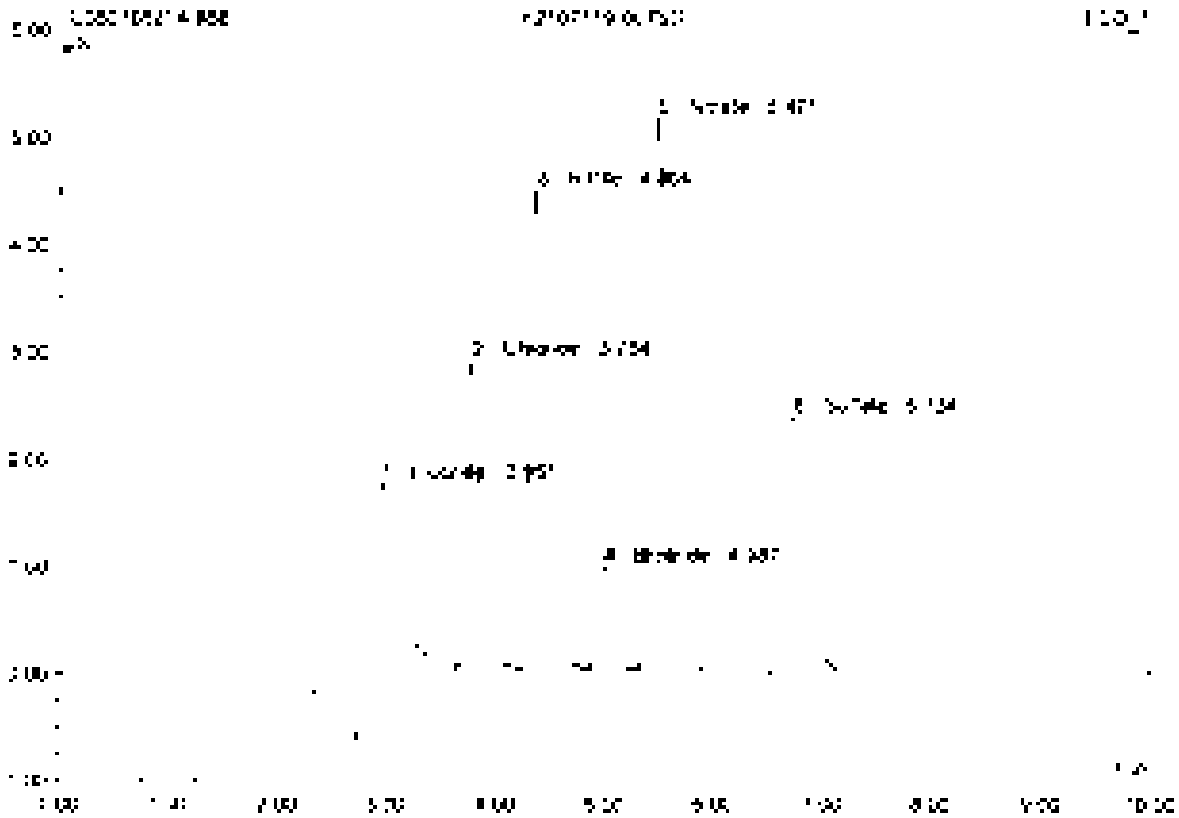


No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.95	Fluoride	2.292	0.628	19.88	99.992	BMB
2	3.79	Chloride	2.576	0.343	10.85	79.290	BMB
3	4.35	Nitrite	4.511	0.707	22.39	79.455	BMB
4	4.99	Bromide	0.964	0.139	4.40	79.203	BMB
5	5.47	Nitrate	5.161	0.895	28.48	79.507	BMB
6	5.74	Sulfate	2.396	0.506	16.00	154.796	BMB
Total:			18.163	3.158	100.00	590.654	

88 K2107119-007SD

SO4 RERUN

Sample Name	K2107119-007SD	Injection Volume	25.0
Vial Number	7	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	40.0000
Recording Time	7/9/2021 16:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

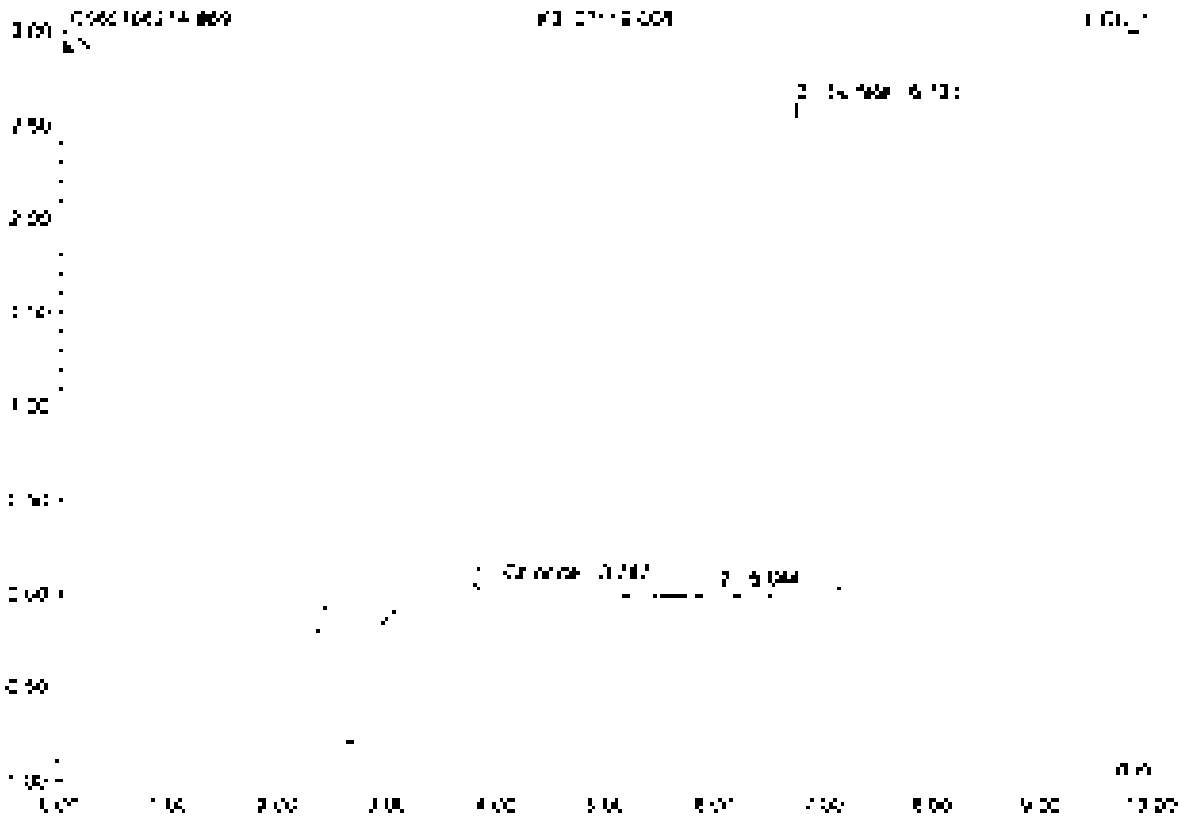


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.55	Fluoride	7.232	0.526	19.00	69.765	BMb
2	3.78	Chloride	2.900	0.340	10.81	78.620	BMB
3	4.36	Nitrite	6.453	0.703	22.34	79.050	BMB
4	4.99	Bromide	0.360	0.138	4.40	78.026	BMB
5	5.47	Nitrate	5.144	0.835	26.52	79.360	BMB
6	6.73	Sulfate	7.325	0.505	15.03	153.858	BMB
Total:			18.005	3.148	100.00	575.710	

89 K2107119-008

SO4 RERUN

Sample Name	K2107119-008	Injection Volume	75.0
Vial Number	8	Channel	ECD: 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	100.0000
Recording Time	7/8/2021 14:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

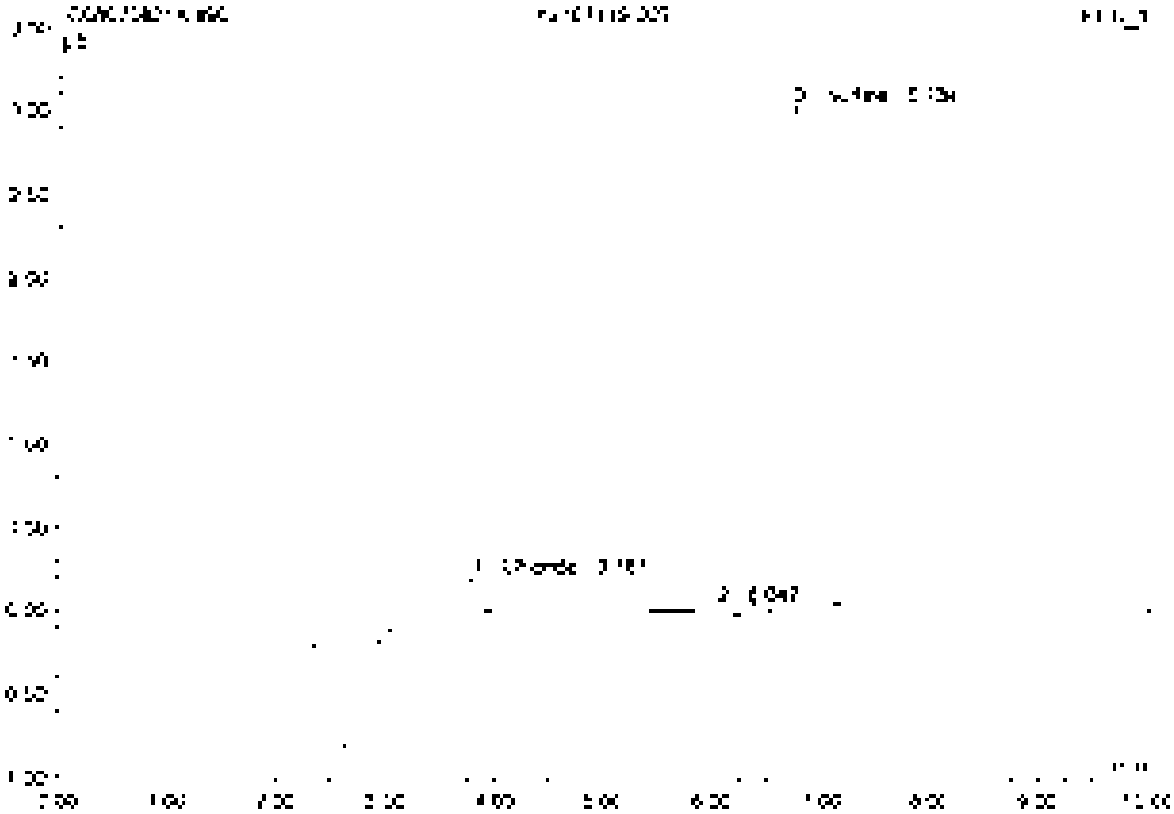


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	0.505	0.880	50.87	503.000	BMB
2	6.08	n.a.	0.045	0.018	1.05	n.a.	bMB
3	8.73	Sulfate	2.609	0.550	38.04	446.256	BMB
Total:			3.159	1.446	100.00	954.255	

90 K2107119-009

SO4 RERUN

Sample Name	K2107119-009	Injection Volume	25.0
Vial Number	9	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	200.0000
Recording Time	[illegible] 14:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

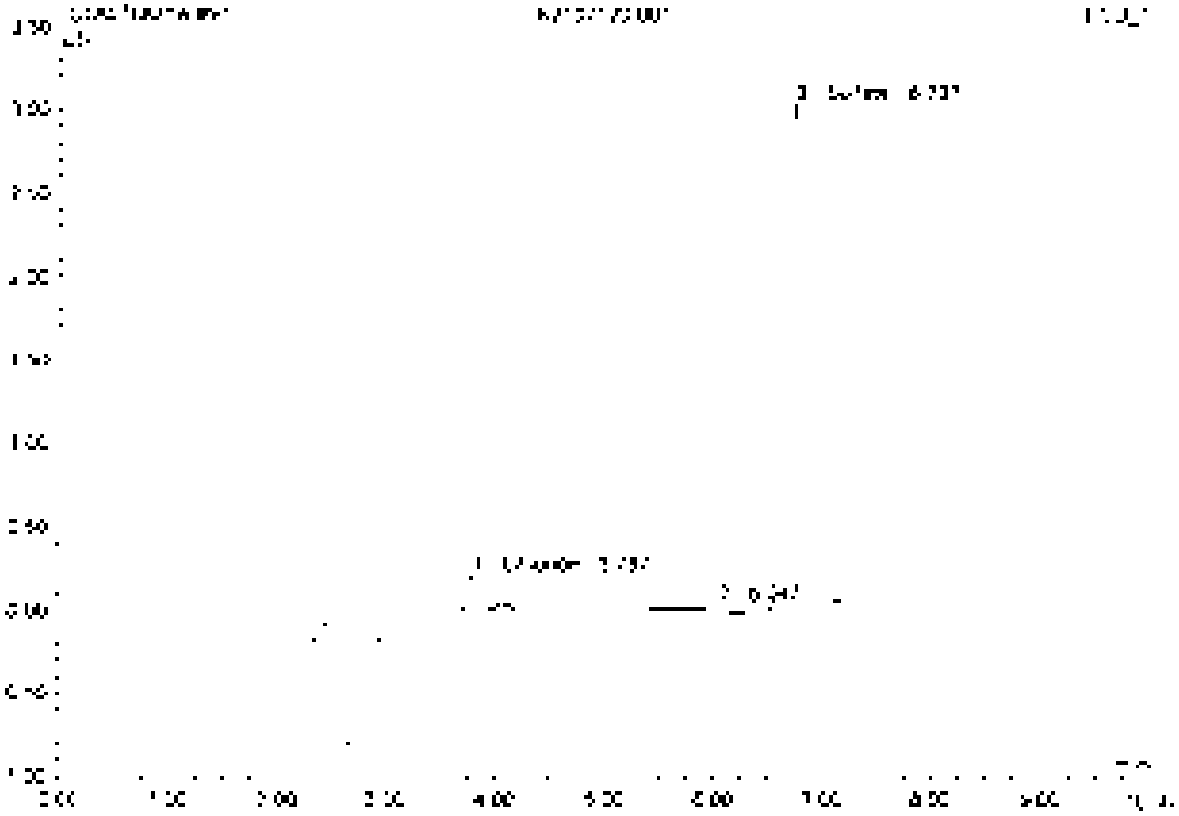


No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.75	Chloride	0.272	0.074	3.53	27.526	BMB
2	6.35	n.a.	0.040	0.016	2.39	n.a.	BMB
3	8.70	Sulfate	3.015	2.035	94.08	1031.213	BMB
Total:			3.276	2.125	100.00	1058.739	

91 K2107120-001

SO4 RERUN

Sample Name	K2107120-001	Injection Volume	25.0
Vial Number	10	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	200.0000
Recording Time	7/9/2021 14:49	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

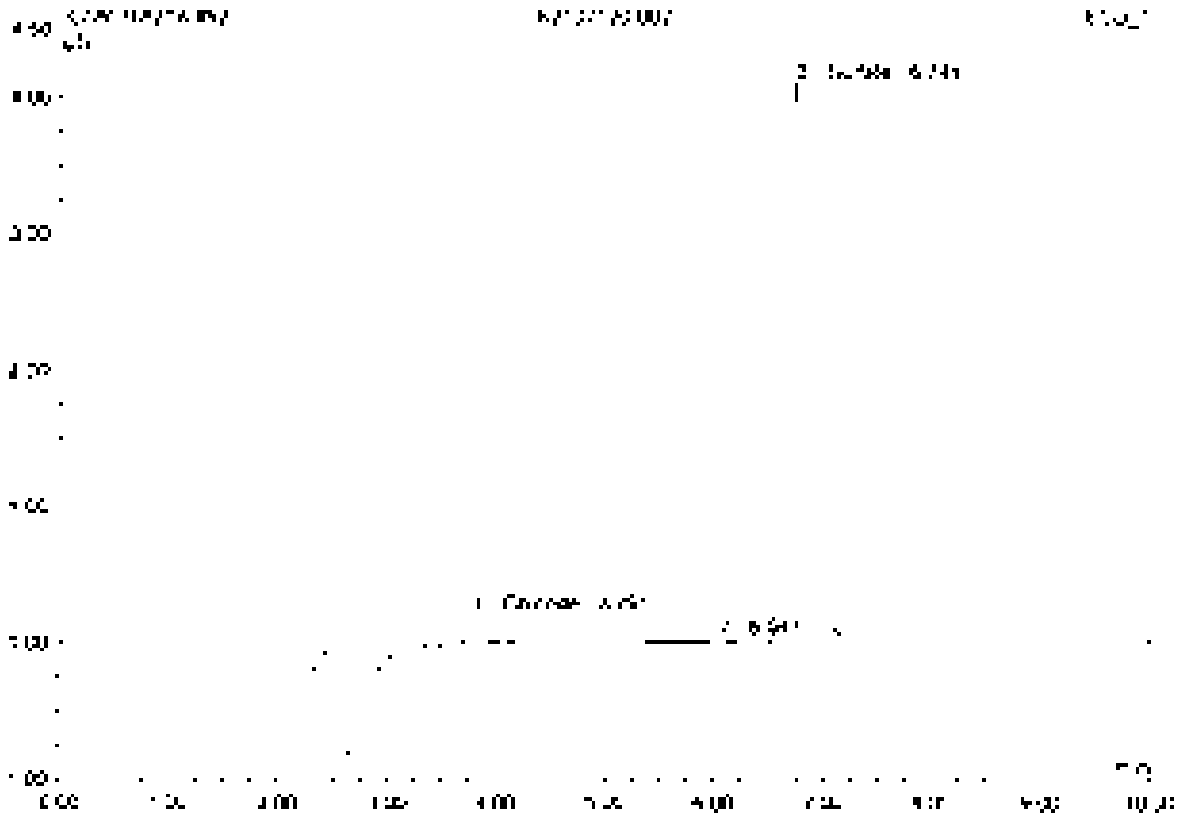


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	0.216	0.029	4.25	33.128	BMB
2	6.05	n.a.	0.043	0.013	1.95	n.a.	BMB
3	6.74	Sulfate	3.017	0.635	93.81	1031.764	BMB
Total:			3.276	0.677	100.00	1064.892	

92 K2107120-002

SO4 RERUN

Sample Name	K2107120-002	Injection Volume	25.0
Vial Number	11	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Operator Method	epa300	Dilution Factor	200.0000
Recording Time	7/9/2021 15:00	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

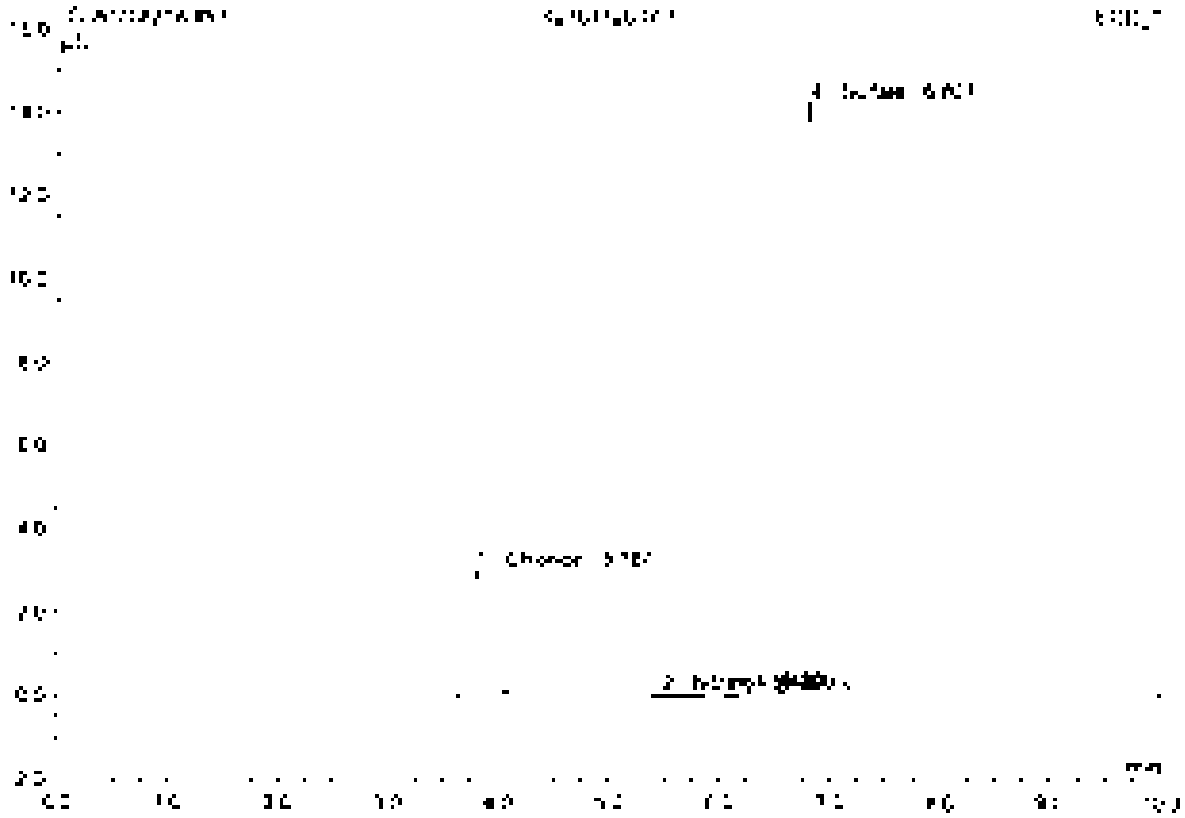


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	0.216	0.029	3.19	33.053	BV8
2	6.05	n.a.	0.046	0.016	1.82	n.a.	BV8
3	6.74	Sulfate	4.362	0.853	94.99	1085.437	BV8
Total:			4.375	0.898	100.00	1118.490	

93 K2107120-003

CL

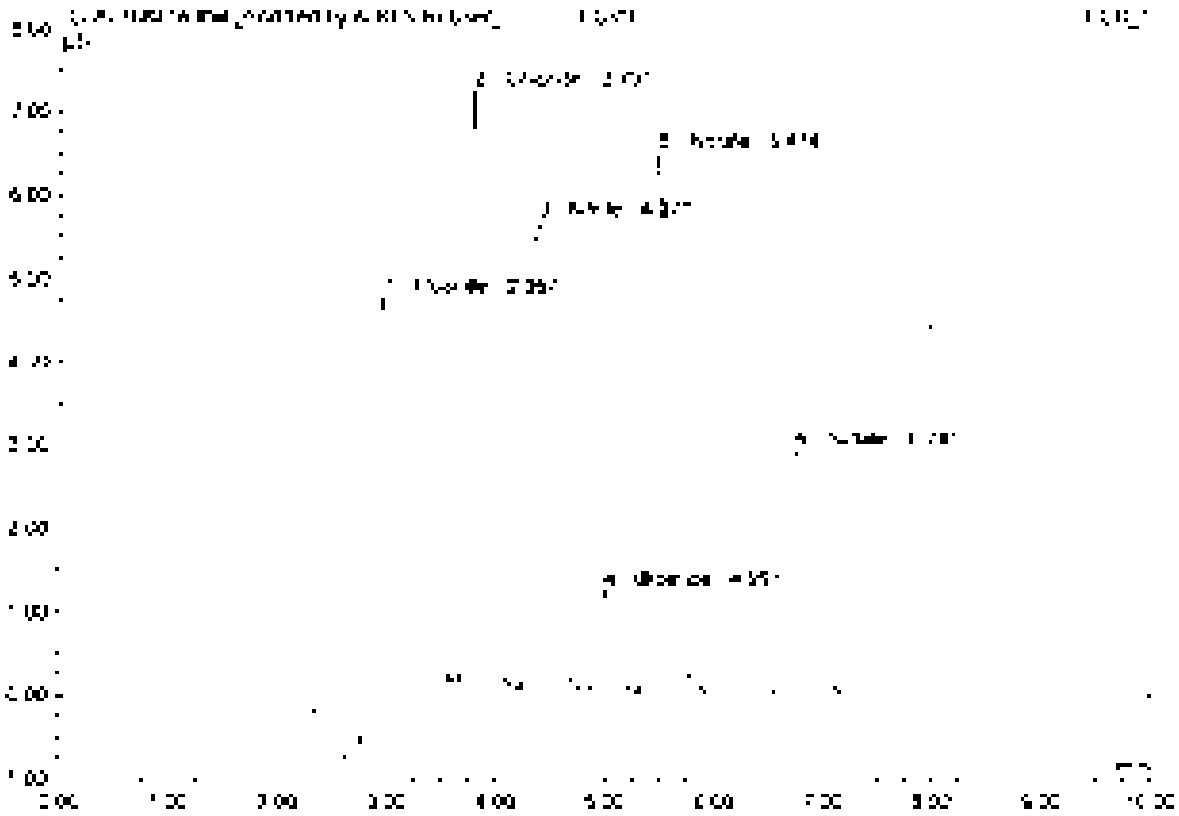
Sample Name	K2107120-003	Injection Volume	25.0
Vial Number	12	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	7/9/2021 15:12	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.74	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BVB
2	5.49	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BVB
3	6.30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	BVB
4	6.87	Sulfate	14.084	2.721	86.38	44.234	BVB
Total:			[illegible]	3.139	100.00	43.623	

94 CCV9

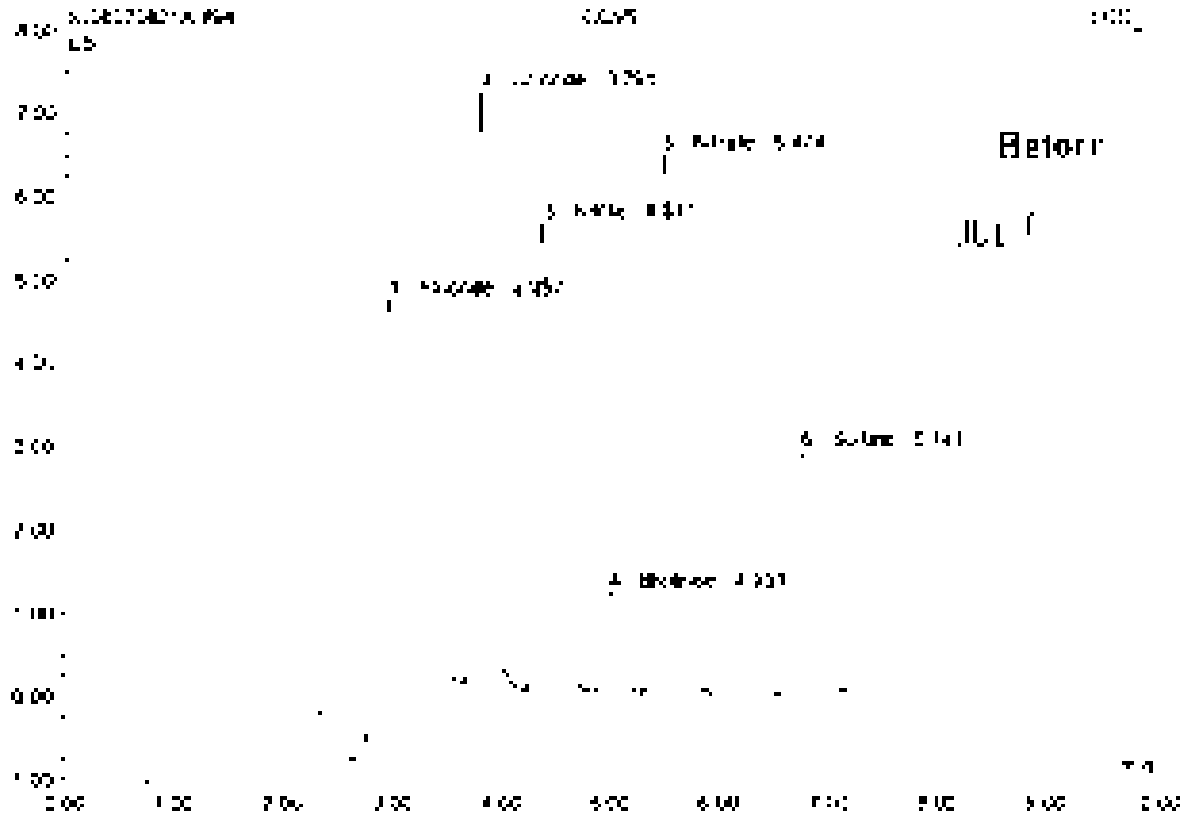
Sample Name	CCV9	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Sensitivity	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/8/2021 15:24	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.95	Fluoride	5.150	1.239	25.91	4.935	BMB*
2	2.79	Chloride	7.106	0.832	17.40	4.806	BMB*
3	4.37	Nitrite	5.526	0.884	18.49	2.484	BMB
4	4.89	Bromide	1.194	0.172	3.59	2.417	BMB
5	5.47	Nitrate	6.462	1.045	21.86	2.485	BMB
6	5.74	Sulfate	2.805	0.610	12.75	6.954	BMB
Total:			28.442	4.783	100.00	22.082	

94 CCV9

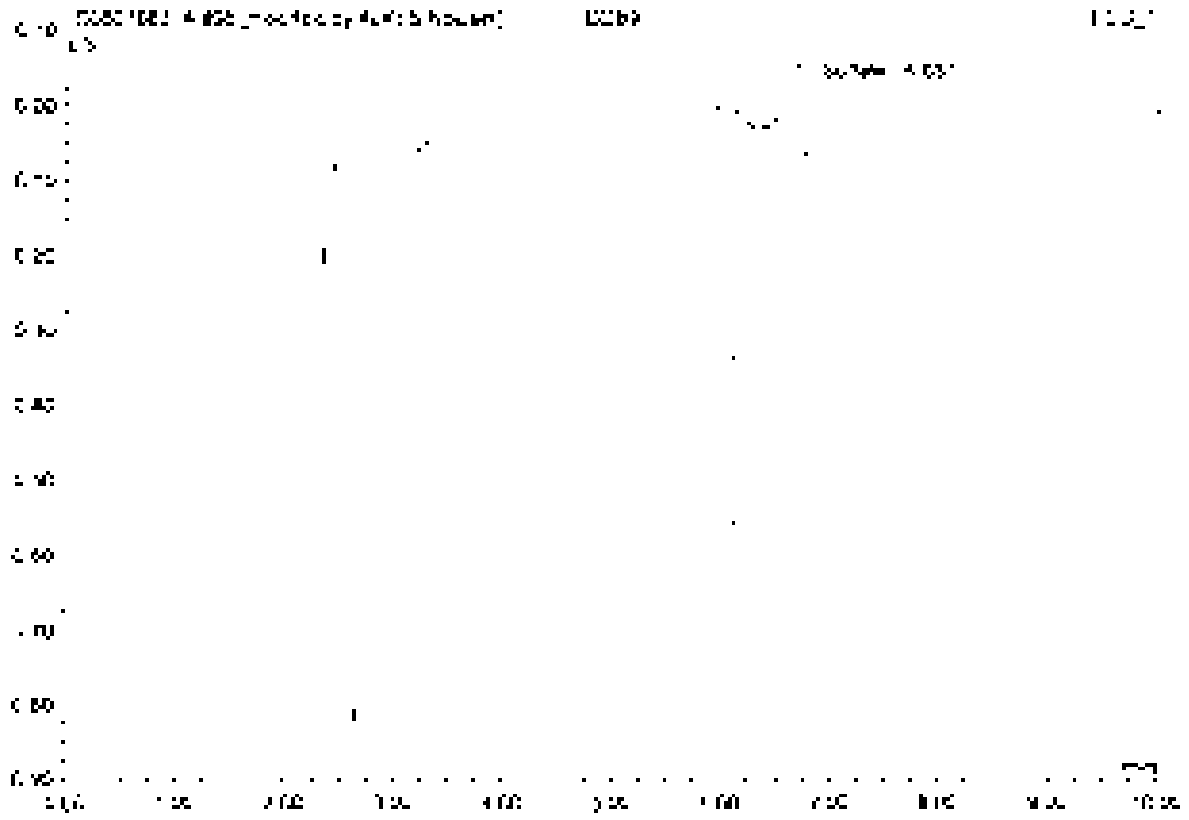
Sample Name	CCV9	Injection Volume	25.0
Vial Number	48	Channel	ECD [illegible]
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	7/8/2021 15:24	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	2.56	Fluoride	5.177	1.397	26.66	5.125	BMB
2	2.79	Chloride	7.106	0.932	17.79	4.806	BMB
3	4.37	Nitrite	5.526	0.884	16.88	2.434	BMB
4	4.90	Bromide	1.194	0.172	3.28	2.417	BMB
5	5.47	Nitrate	5.462	1.045	21.64	2.425	BMB
6	6.74	Sulfate	2.906	0.610	12.63	4.564	BMB
Total:			28.470	4.830	100.00	22.271	

95 CCB9

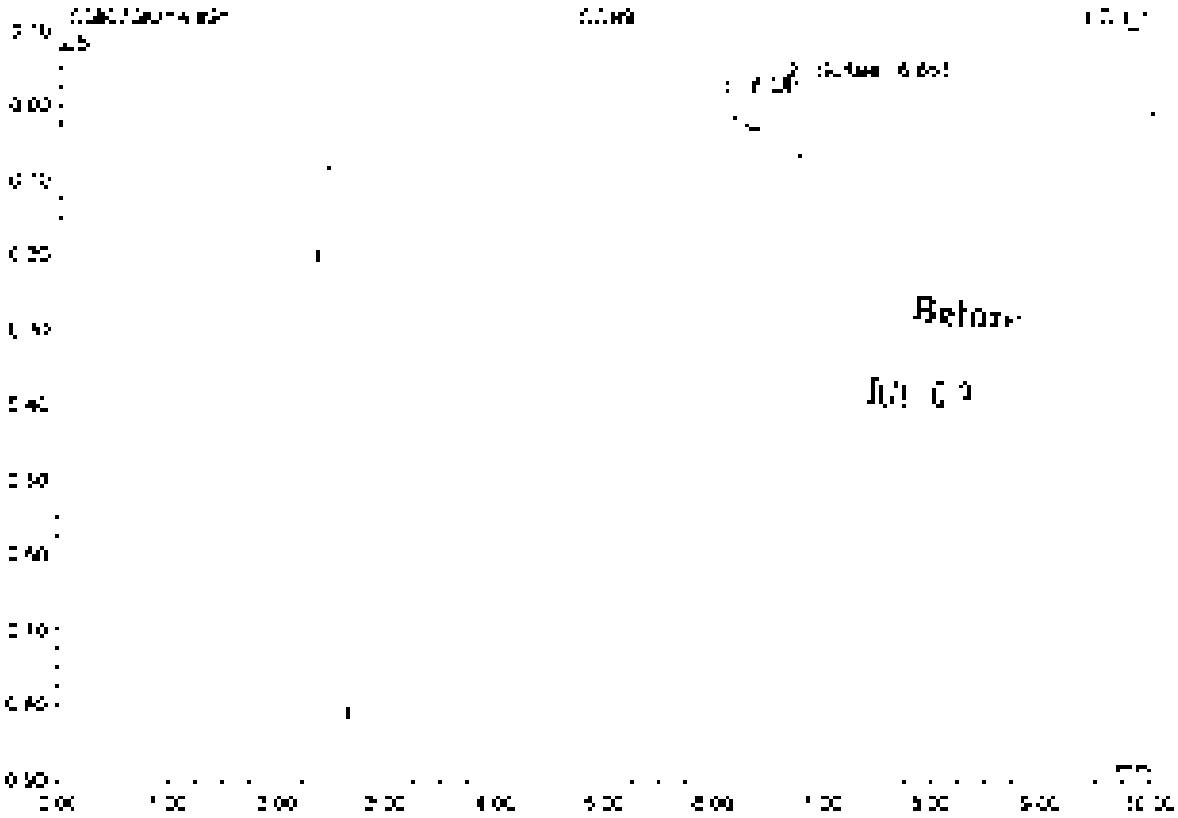
Sample Name	CCB9	Injection Volume	25.0
Vial Number	49	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 15:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	0.65	Solate	0.057	0.008	100.00	0.062	BV8*
Total: 1			0.057	0.008	100.00	0.062	

95 CCB9

Sample Name	CCB9	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	7/9/2021 15:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

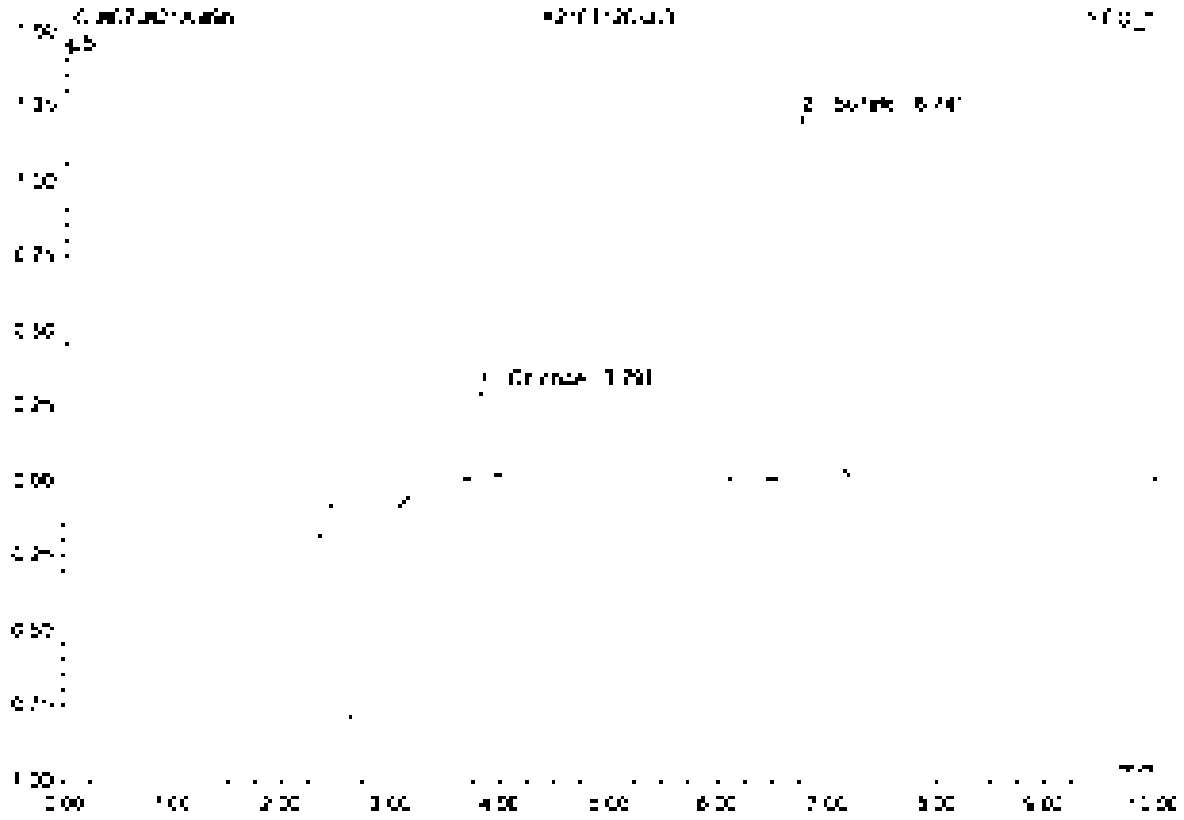


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.05	n.a.	0.105	1.365	58.87	n.a.	BMB
2	6.65	Sulfate	0.089	0.016	1.13	0.177	BMB
Total:			0.194	1.381	100.00	0.177	

96 K2107120-003

SO4 RERUN

Sample Name	K2107120-003	Injection Volume	25.0
Vial Number	13	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	20.0000
Processing Time	7/6/2021 1:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

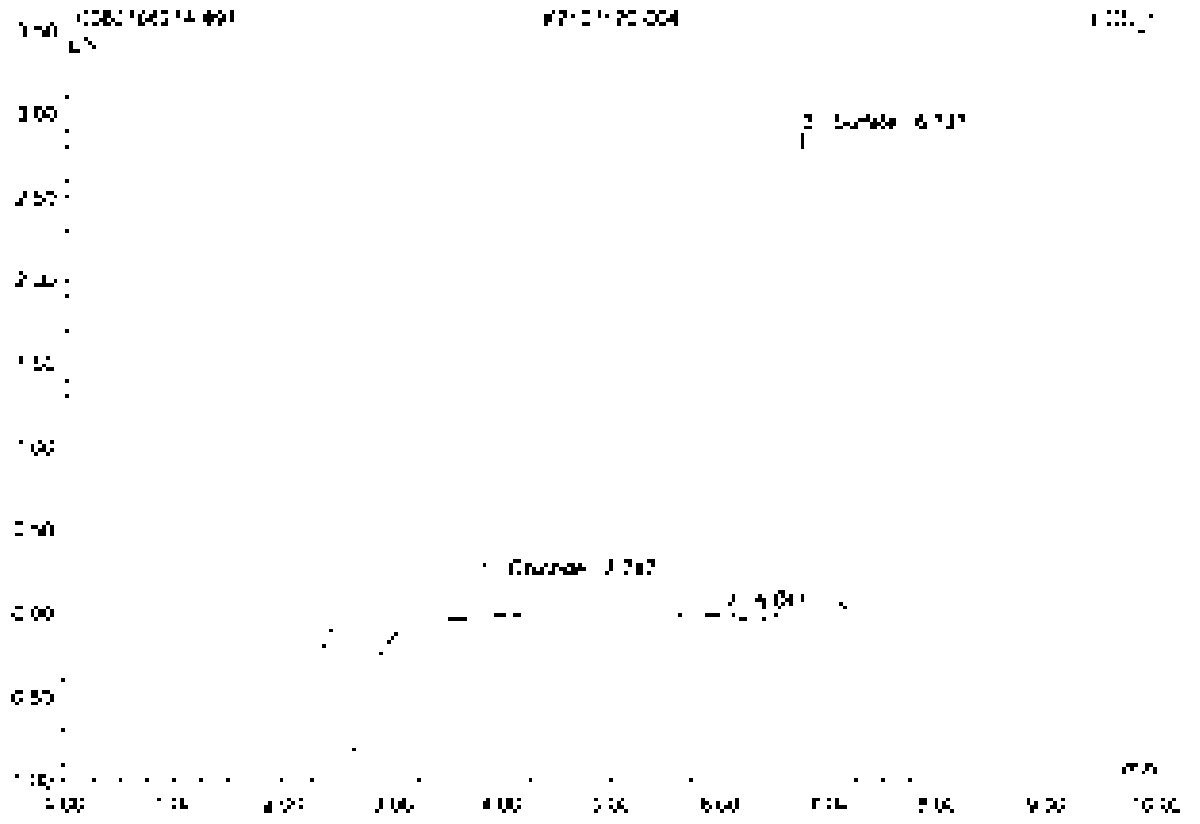


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chloride	0.297	0.003	11.26	3.568	BMB
2	6.74	Sulfate	1.205	0.264	88.74	42.550	BMB
Total:			1.502	0.267	100.00	46.118	

97 K2107120-004

SO4 RERUN

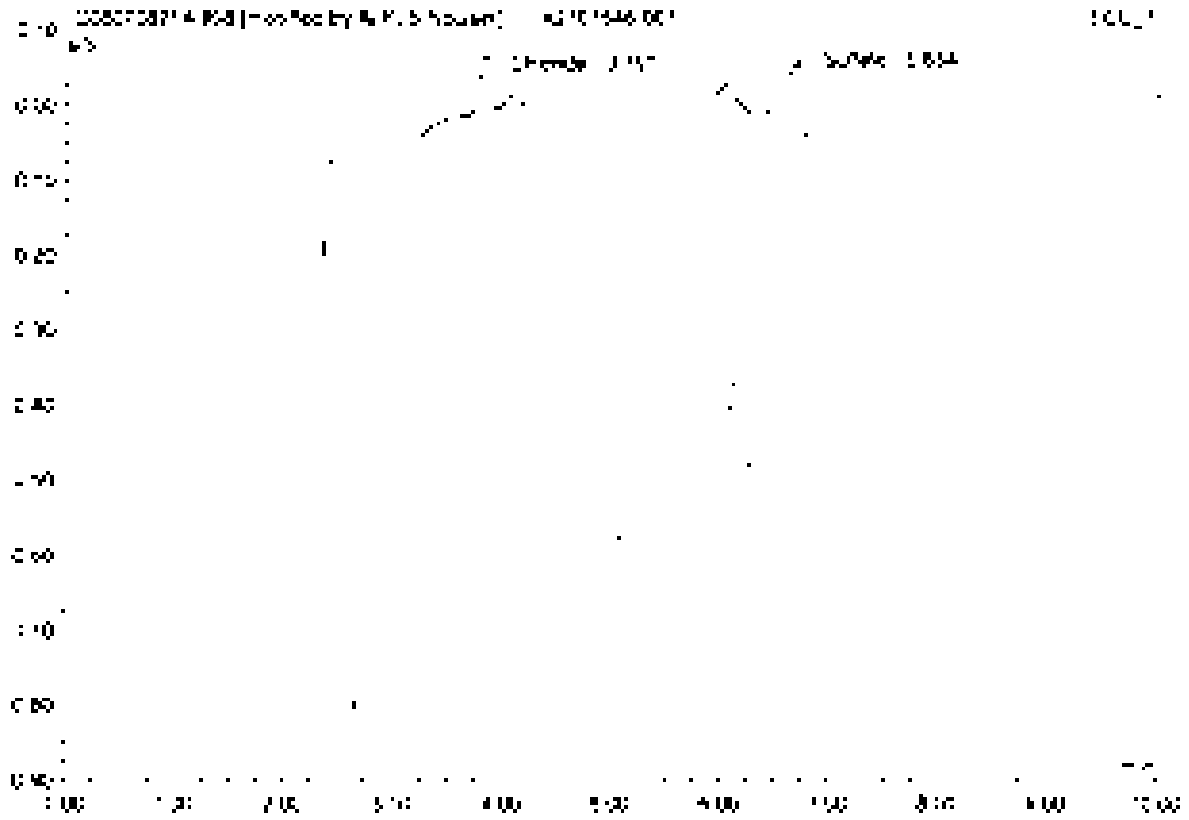
Sample Name	K2107120-004	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Control Method	wpa300	Dilution Factor	200.0000
Recording Time	7/9/2021 15:58	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chloride	0.223	0.031	4.70	25.430	BMB
2	5.05	n.a.	0.059	0.008	1.29	n.a.	BMB
3	6.74	Sulfate	2.875	0.605	91.95	987.713	BMB
Total:			3.137	0.644	100.00	1018.153	

98 K2107548-001

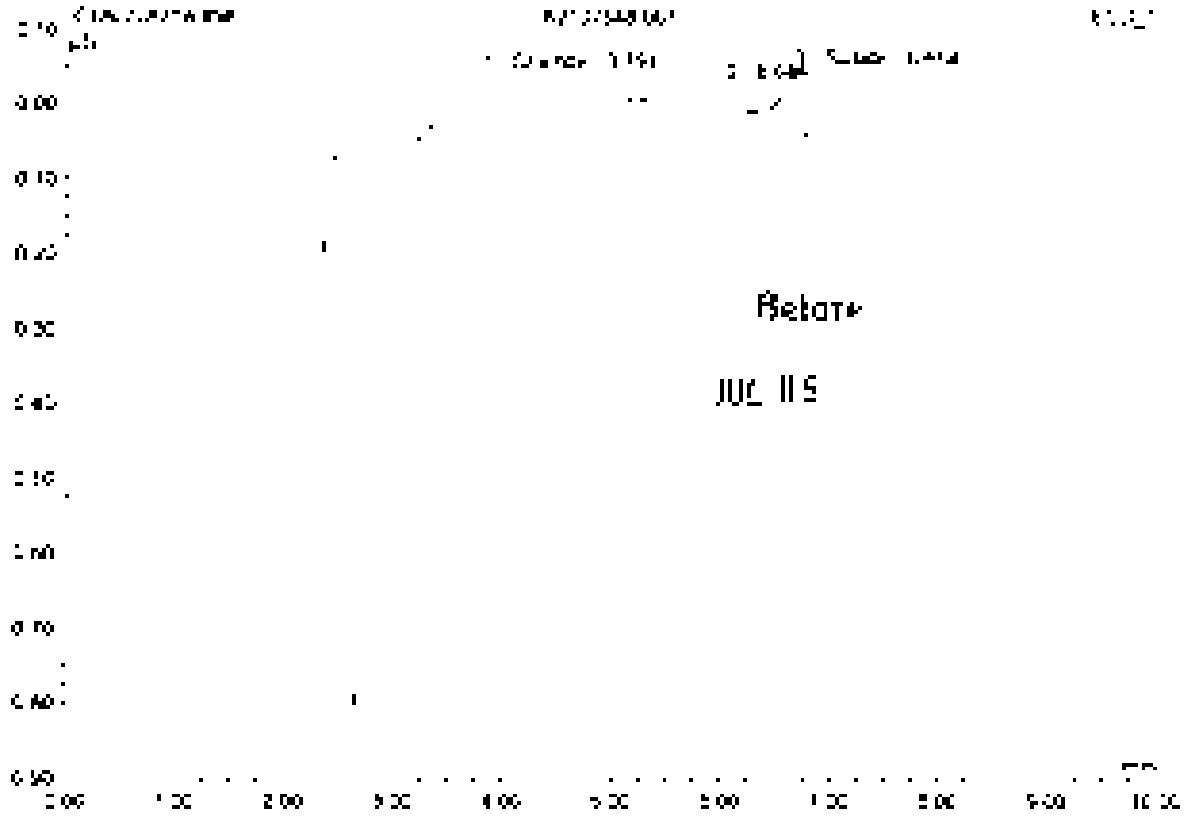
Sample Name	K2107548-001	Injection Volume	25.0
Run Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	7/8/2021 18:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.79	Chloride	0.049	0.005	35.57	0.062	BMB*
2	6.55	Sulfate	0.058	0.008	64.43	0.135	BMB*
Total:			0.107	0.014	100.00	0.198	

98 K2107548-001

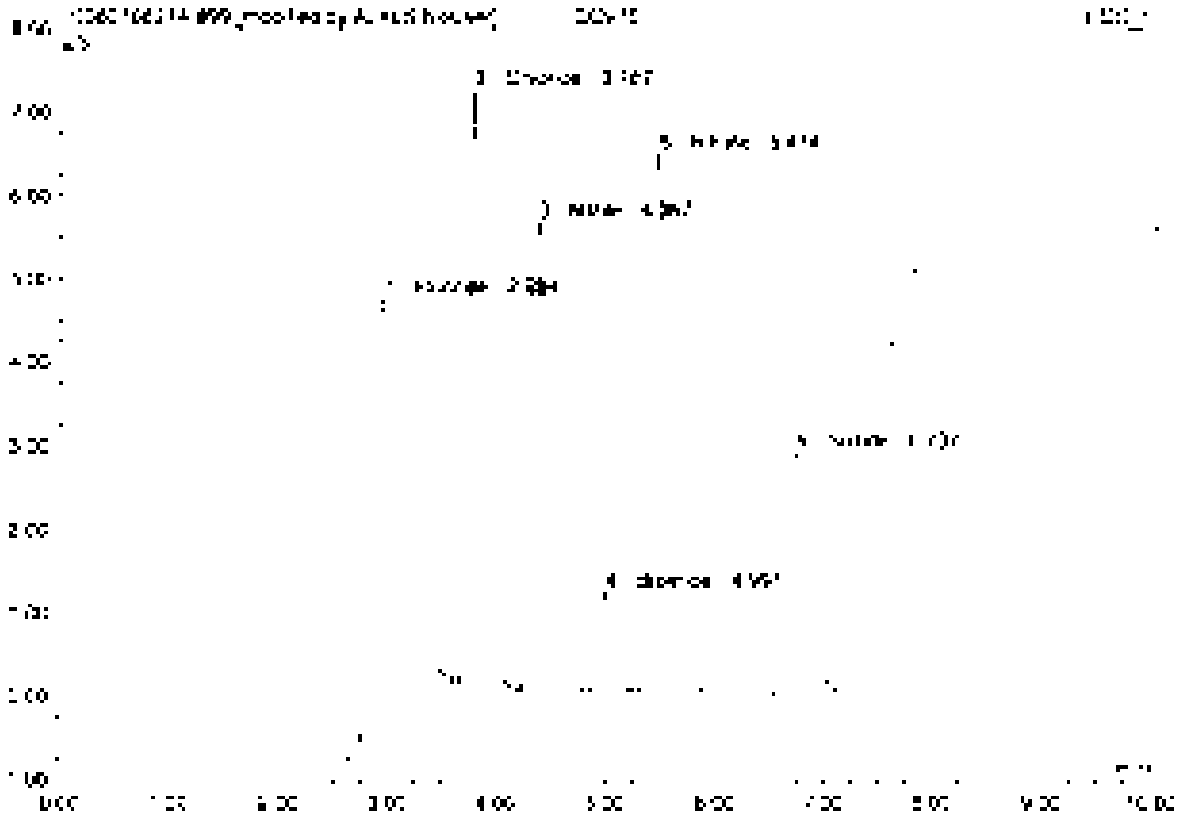
Sample Name	K2107548-001	Injection Volume	25.0
Vial Number	15	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Original Projects	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	7/8/2021 15:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.79	Chlordane	0.476	0.838	98.94	9.685	BV*U
2	6.04	n.a.	0.035	0.012	1.42	n.a.	bVb
3	6.65	Surface	0.080	0.014	1.65	0.231	bMB
Total:			0.591	0.865	100.00	9.916	

99 CCV10

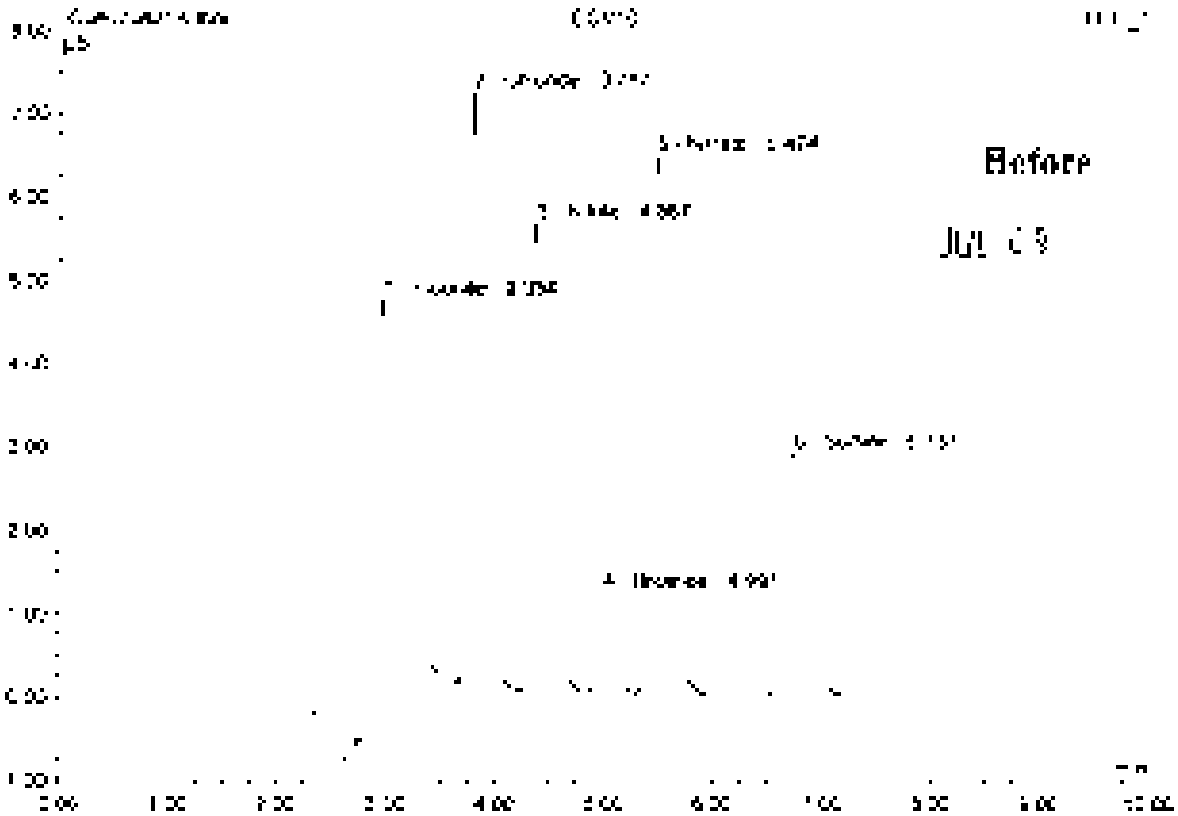
Sample Name	CCV10	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	7/8/2021 18:22	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	5.145	1.244	25.98	4.966	BV0T
2	3.79	Chloride	7.103	0.834	17.41	4.817	BV0T
3	4.57	Nitrite	5.522	0.885	18.48	2.457	BV0B
4	4.93	Bromide	1.196	0.172	3.60	2.427	BM0B
5	5.67	Nitrate	6.456	1.045	21.81	2.481	BV0V
6	6.74	Sulfate	2.904	0.609	12.72	4.941	BV0V
Total:			28.428	4.789	100.00	22.115	

99 CCV10

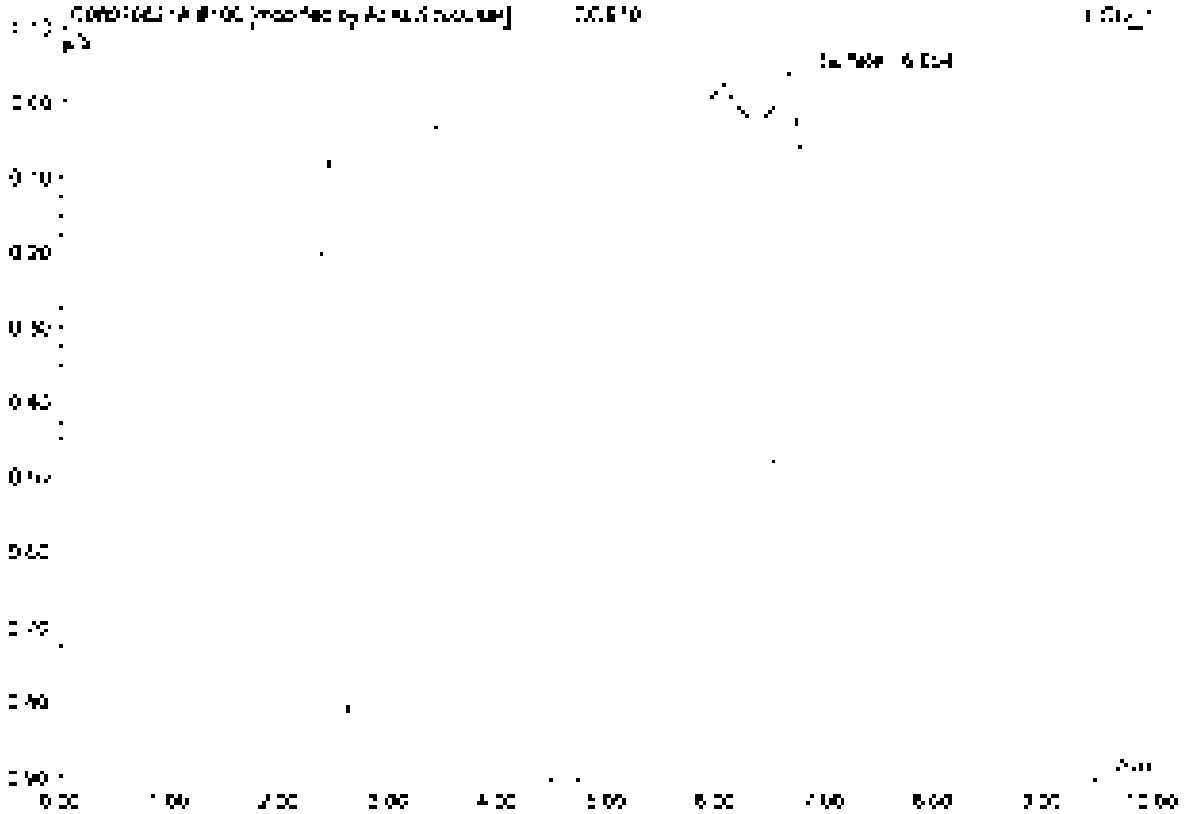
Sample Name	CCV10	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	7/8/2021 16:22	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	5.168	1.280	28.58	5.110	BMB
2	3.79	Chloride	7.102	3.834	17.27	4.217	BMB
3	4.34	Nitrite	5.622	3.585	18.33	2.427	BMB
4	4.99	Bromide	1.196	0.172	3.57	2.427	BMB
5	5.47	Nitrate	6.456	1.045	21.64	2.483	BMB
6	5.74	Sulfate	2.904	0.609	12.62	4.949	BMB
Total:			28.450	4.820	100.00	22.271	

100 CCB10

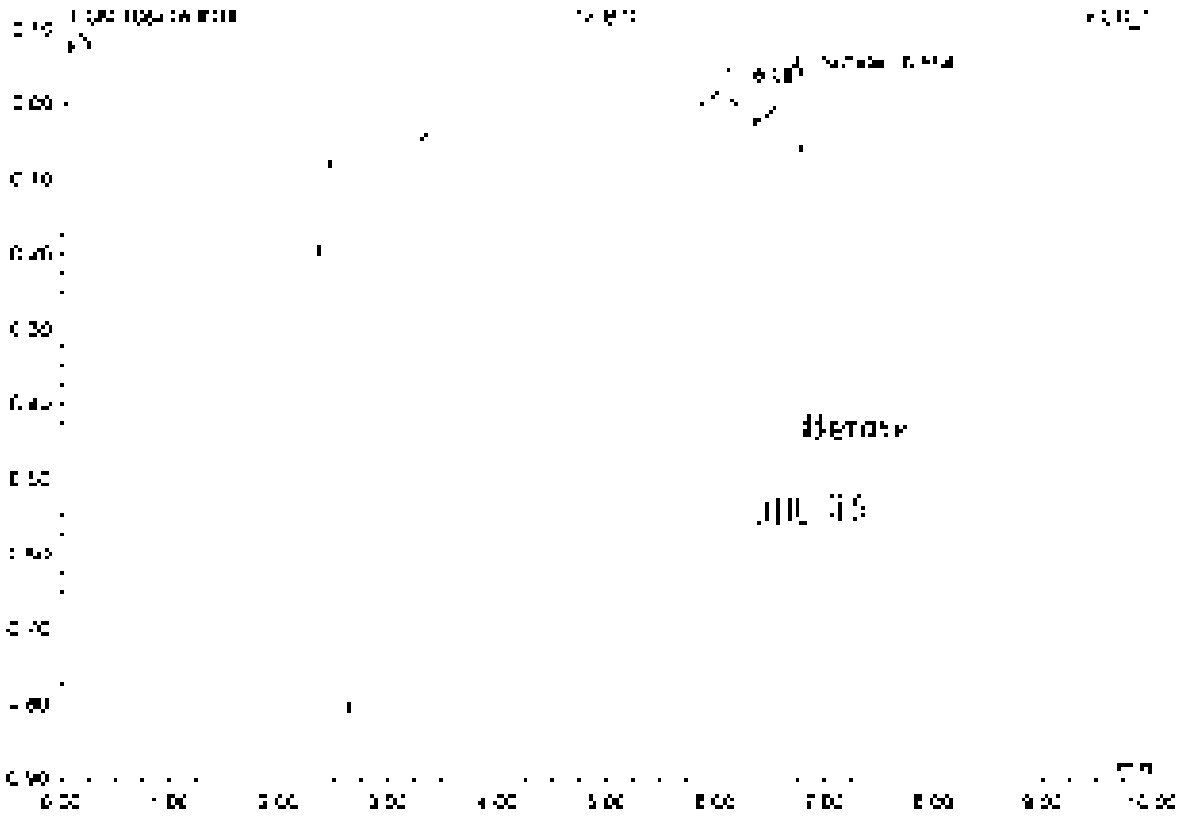
Sample Name	CCB10	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	7/8/2021 16:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.65	Surfate	0.035	0.067	100.00	0.060	BMP*
Total:			0.035	0.067	100.00	0.060	

100 CCB10

Sample Name	CCB10	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	7/9/2021 15:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	RelTime min	Peak Name	Height µS	Area µS*min	RelArea %	Amount	Type
1	6.06	n.a.	[illegible]	[illegible]	98.82	n.a.	BMB
2	6.65	S_Tetr	[illegible]	[illegible]	1.18	[illegible]	bMB
Total			[illegible]	[illegible]	100.00	[illegible]	

Metals

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

Preparation Information Benchsheet

Prep Run:	141844	**Prep Workflow**	MetDigAq45	**Status:**	Prepec	**Prep Date**	06/25/2021 10:43
Team	Metals	**Prep Method**	EPA CLP ILM04.0	**Current Step:**	Digestion	**Due Date**	07/08/2021
Analyst	Anna Unger	**Rush/MPDES**	N/A			**Hold Date**	07/13/2021

[illegible]

8 Total Samples consisting of 4 Client Samples, 2 Client QC Samples, 2 Batch QC Samples associated with this current Prep Run.

Spiking Solutions

Name	Type	ID	Expires	Name	Type	ID	Expires
[illegible]	Spike	[illegible]	[illegible]	[illegible]	Spike	[illegible]	[illegible]
[illegible]	Spike	[illegible]	[illegible]	[illegible]	Spike	[illegible]	[illegible]

Preparation Materials

Step	Name	ID	Step	Name	ID
Digestion	[illegible]	[illegible]	Digestion	[illegible]	[illegible]
Digestion	[illegible]	[illegible]			

Preparation Hardware / Equipment

Step	Name	Property	Value	Step	Name	Property	Value
Digestion	[illegible]	[illegible]	[illegible]	Digestion	[illegible]	[illegible]	[illegible]
Digestion	[illegible]	[illegible]	[illegible]	Digestion	[illegible]		

Preparation Steps

Step	Started	Completed	By	Assisted By	Checked	Comments
	06/25/21	06/25/21				
Digestion	[illegible]	[illegible]	Anna Unger	[illegible]	[illegible]	

Comments

[illegible]

[illegible]

[illegible]

[illegible] [illegible] Date [illegible]

Preparation Information Benchsheet

Prep Run	381844	**Prep Workflow**	Metals/ICP/MS	**Status**	Draft	**Prep Date**	[illegible]
Team	Metals	**Prep Method**	EPA [illegible]	**Current Step**	Digestion	**Due Date**	08/25/2021
Analyst	AIVORCH	**Rush/MPDES**	N/A			**Hold Date**	12/13/2021

[illegible]

5 Total Samples consisting of 4 Client Samples, 2 Client QC Samples, 2 Batch QC Samples associated with this current Prep Run.

Spiking Solutions

Name	Type	ID	Expires	Name	Type	ID	Expires
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Materials

Preparation Hardware / Equipment

Preparation Steps

Step	Started	Completed	By	Description	Duration	Comments
[illegible]						

Comments

[illegible]

Review

Reviewed By: Date:

ICP/MS LCSW AND SPIKING SOLUTIONS

5.00mL to 500mL Dilution of Inorganic Ventures QCP-CICV-1
Kimet 1/100 QCP-CICV-1

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Al	10000	100
Be	10000	100
Co	2500	25
Cr	2500	25
Ni	2500	25
V	2500	25
Zn	2500	25
Cu	1250	12.5
Ag	1250	12.5
Cd	1000	10
Be	250	2.5

0.1mL to 100mL Dilution of 1000ppm Sb
Kimet 1ug/mL Sb

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Sb	1000	10

5.00mL to 500mL Dilution of Inorganic Ventures QCP-CICV-3
Kimet 1/100 QCP-CICV-3

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
As	5000	50
Pb	5000	50
Se	5000	50
Tl	5000	50
Ca	2500	25

0.5mL to 100mL Dilution of 1000 ppm Mo and 1000 ppm U
Kimet Mo/U 5ppm

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Mo	5000	25
U	5000	25

Service Request # K2107417, K2107120, K2107118, K2107119
Calibration: 072321CICPMS08
ALS LIMS Run# 732[illegible]
Pipette IDs: 16006318, 19070665, 18010244
Pipette Check Due: 08/19/21
Cal Std. MS28-33-I
ICV Std: MS28-32-B
LLICV Std: MS28-33-J
I.S Solution: MS27-100-E
Tune Std: MS28-3-A
ICSA: MS28-32-D
ICSAB: MS28-32-E

ICP-MS Data Review Form

		Yes	No	NA
1	Appropriate standardization completed	X		
2	ICV in control (+/- 10%)	X		
3	CCV s in control (+/- 10%)	X		
4	ICB/CCB s below MRL	X		
5	LLICV standard analyzed and in control	X		
6	ICS standards within 20% of true value			X
6	All analytes within instrument linear range	X		
7	Acequate rinse out time allowed	X		
8	Internal standards in control	X		
9.	Interferences checked	X		
10	Was the run terminated? If so, why		X	

See Benchsheet exception report for sample batch QC information.
Comments [illegible]

Prep Batches [illegible]

Primary Review by [illegible] Date [illegible]

Secondary Review by [illegible] Date [illegible]

Data Review Form

Instrument ID# K-ICP-MS-06

DataFile Name. R:\ICPMS\DATA\K-ICP-MS-06 (Agilent 7500)\072321C.csv

RUN NO. 732436

K2107118

No exceptions to report.

K2107119

No exceptions to report.

K2107120

No exceptions to report.

K2107417

No exceptions to report.

Primary Approver

Secondary Approver.

Page 1 of 1

	Sample								
	Type	Data File	Acq. Date-Time	Type	Level	Sample Name	Comment	Vial No
1		001SMPL	2021 07 23 5 17 40 PM	Sample		[illegible]		2
2		002SMPL	2021 07 23 6 19 02 PM	Sample		[illegible]		1
3		003CALB	2021 07 23 6 20 24 PM	CalBlk		Blank		1
4		004CAL2	2021 07 23 6 21 46 PM	CalStd	2	Std2		2
5		005 CV4	2021 07 23 5 23 08 PM	CV		CV		2101
6		006 CCV	2021 07 23 6 24 32 PM	CCV		CCV		2
7		007 [illegible]	2021 07 23 6 25 54 PM	[illegible]		[illegible]		1
8		008 CCB	2021 07 23 6 27 18 PM	CCB		CCB		1
9		009 CV 2	2021 07 23 6 28 40 PM	CV		CV		2102
10		010 CSA d	2021 07 23 5 30 03 PM	CSA		CSA		2103
11		011 CSB d	2021 07 23 6 31 25 PM	CSB		CSAB		2104
12		012SMPL	2021 07 23 6 32 47 PM	Sample		MO STD		2105
13		013SMPL	2021 07 23 6 34 20 PM	Sample		K210741 002	0 10X	1402
14		014SMPL	2021 07 23 6 35 42 PM	Sample		K210741 003	0 10X	1403
15		015SMPL	2021 07 23 6 37 06 PM	Sample		K210741 019	0 10X	1404
16		016SMPL	2021 07 23 6 38 26 PM	Sample		K210741 020	0 10X	1405
17		017SMPL	2021 07 23 6 39 48 PM	Sample		K210741 007	10X	1406
18		018SMPL	2021 07 23 6 41 10 PM	Sample		K210741 008	10X	1407
19		019SMPL	2021 07 23 6 42 32 PM	Sample		K210741 015	10X	1408
20		020SMPL	2021 07 23 6 43 54 PM	Sample		K210741 016	10X	1409
21		021SMPL	2021 07 23 6 45 17 PM	Sample		K210741 019	10X	1410
22		022SMPL	2021 07 23 6 46 39 PM	Sample		K210741 020	10X	1411
23		023 CCV	2021 07 23 6 48 03 PM	CCV		CCV		2
24		024 CCB	2021 07 23 6 49 25 PM	CCB		CCB		1
25		025 CCB	2021 07 23 6 51 13 PM	CCB		CCB		1
26		026 CCV	2021 07 23 6 52 10 PM	ICCV		ICCVW		2102
27		027 CCI d	2021 07 23 6 53 03 PM	CCI		ICCVW 2x		2202
28		028SMPL	2021 07 23 6 55 56 PM	Sample		K210741 015	10X Total Metals S	1412
29		029SMPL	2021 07 23 6 56 44 PM	Sample		K210741 016	10X Total Metals S	1501
30		030SMPL	2021 07 23 6 58 07 PM	Sample		K210741 011	10X Dissolved Bal	1502
31		031SMPL	2021 07 23 6 59 32 PM	Sample		K210741 016	10X Dissolved Bal	1503
32		032 CCV	2021 07 23 7 04 25 PM	CCV		CCV		2
33		033 CCB	2021 07 23 7 06 15 PM	CCB		CCB		1
34		034 [illegible]	2021 07 23 7 08 12 PM	[illegible]		[illegible]		1504
35		035 [illegible]	2021 07 23 7 10 04 PM	[illegible]		[illegible]		1505
36		036 [illegible]	2021 07 23 7 11 58 PM	[illegible]		[illegible]		1506
37		037 [illegible]	2021 07 23 7 13 50 PM	Dup		[illegible]		1507
38		038SMPL	2021 07 23 7 15 42 PM	Sample		K210720 001L	5X	1508
39		039 [illegible]	2021 07 23 7 17 34 PM	[illegible]		K210720 001A	150ppb	1509
40		040 [illegible]	2021 07 23 7 19 25 PM	Spike		[illegible]		1510

	Sample								
	Type	Pos	Data File	Acq. Date-Time	Type	Level	Sample Name	Comment	Vial No.
41		1	0415MPL	2021/07/23 7:21:17 PM	Sample		K210[illegible]20 002		[illegible]
42		1	0425MPL	2021/07/23 7:23:47 PM	Sample		K210[illegible]20 003		[illegible]
43		1	0435MPL	2021/07/23 7:26:04 PM	Sample		K210[illegible]20 004		[illegible]
44		1	044 CCV	2021/07/23 7:28:27 PM	CCV		CCV		2
45		1	045 CCB	2021/07/23 7:30:49 PM	CCB		CCB		1
46		1	0465MPL	2021/07/23 7:33:13 PM	Sample		K210[illegible]20 001	D	3102
47		1	0475MPL	2021/07/23 7:35:34 PM	Sample		K210[illegible]20 002	D	3103
48		1	0485MPL	2021/07/23 7:37:56 PM	Sample		K210[illegible]20 003	D	3104
49		1	0495MPL	2021/07/23 7:40:20 PM	Sample		K210[illegible]20 004	D	3105
50		1	0505MPL	2021/07/23 7:42:42 PM	Sample		K210[illegible]20 005	100X	3107
51		1	0515MPL	2021/07/23 7:45:04 PM	Sample		K210[illegible]20 000	D 100X	3108
52		1	052 CCV	2021/07/23 7:47:28 PM	CCV		CCV		2
53		1	053 CCB	2021/07/23 7:49:50 PM	CCB		CCB		1
54		1	0541CCV	2021/07/23 7:52:14 PM	LCCCVW		LCCCVW		2102
55		1	055 LCCVW 2	2021/07/23 7:54:37 PM	LCCVW		LCCCVW 2		2103
56		1	056 PB 0	2021/07/23 7:57:00 PM	PB		K2211456.01		3109
57			057 LCS 0	2021/07/23 7:59:23 PM	LCS		K2211456.02		3110
58		1	058 AHK 2	2021/07/23 8:01:45 PM	AHK		K210[illegible]18.001	D	3111
59		1	059 Dup 0	2021/07/23 8:04:08 PM	Dup		K2211456.03	D	3112
60		1	0605MPL	2021/07/23 8:06:30 PM	Sample		K210[illegible]18.001L	D 5X	3201
61		1	061 FDS 4	2021/07/23 8:08:52 PM	FDS		K210[illegible]18.001A	D + 500µL	3202
62		1	062 SPK 4	2021/07/23 8:11:14 PM	Spike		K2211456.04	D	3203
63		1	0635MPL	2021/07/23 8:13:37 PM	Sample		K210[illegible]18.002	D	3204
64		1	0645MPL	2021/07/23 8:15:59 PM	Sample		K210[illegible]18.003	D	3205
65		1	0655MPL	2021/07/23 8:18:21 PM	Sample		K210[illegible]18.004	D	3206
66		1	066 CCV	2021/07/23 8:20:43 PM	CCV		CCV		2
67		1	067 CCB	2021/07/23 8:23:05 PM	CCB		CCB		1
68		1	0685MPL	2021/07/23 8:25:28 PM	Sample		K210[illegible]18.005	D	3207
69		1	0695MPL	2021/07/23 8:27:51 PM	Sample		K210[illegible]18.006	D	3208
70		1	0705MPL	2021/07/23 8:30:13 PM	Sample		K210[illegible]18.007	D	3209
71		1	0715MPL	2021/07/23 8:32:36 PM	Sample		K210[illegible]18.008	D	3210
72		1	0725MPL	2021/07/23 8:34:58 PM	Sample		K210[illegible]18.009	D	3211
73		1	0735MPL	2021/07/23 8:37:20 PM	Sample		K210[illegible]18.010	D	3212
74		1	0745MPL	2021/07/23 8:39:42 PM	Sample		K210[illegible]18.001		3301
75		1	0755MPL	2021/07/23 8:42:04 PM	Sample		K210[illegible]18.002		3302
76		1	0765MPL	2021/07/23 8:44:26 PM	Sample		K210[illegible]18.003		3303
77		1	0775MPL	2021/07/23 8:46:48 PM	Sample		K210[illegible]18.004		3304
78		1	078 CCV	2021/07/23 8:49:11 PM	CCV		CCV		2
79		1	079 CCB	2021/07/23 8:51:34 PM	CCB		CCB		1
80		1	0805MPL	2021/07/23 8:53:57 PM	Sample		K210[illegible]18.005		3305

	Sample								
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81	*		[illegible]	[illegible]	Sample		[illegible]		3306
82			[illegible]	[illegible]	Sample		[illegible]		3307
83			[illegible]	[illegible]	Sample		[illegible]		3308
84			[illegible]	[illegible]	Sample		[illegible]		3309
85	*		[illegible]	[illegible]	Sample		[illegible]		3310
86			[illegible]	[illegible]	Sample		[illegible]	[illegible]	3312
87			[illegible]	[illegible]	Sample		[illegible]	[illegible]	3313
88			[illegible]	[illegible]	Sample		[illegible]	[illegible]	3314
89			[illegible]	[illegible]	Sample		[illegible]	[illegible]	3315
90			[illegible] CCV	[illegible]	CCV		CCV		2
91			[illegible] CCB	[illegible]	CCB		[illegible]		-
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93			[illegible]	[illegible]	CCV		[illegible]		2203
94			[illegible]	[illegible]	PB		[illegible]		3404
95			[illegible]	[illegible]	ICS		[illegible]		3405
96			[illegible]	[illegible]	Blank		[illegible]		3406
97			[illegible]	[illegible]	Blank		[illegible]		3407
98			[illegible]	[illegible]	Sample		[illegible]	[illegible]	3408
99	*		[illegible] PDS	[illegible]	PDS		[illegible]	[illegible]	3409
100	*		[illegible] SPIKE	[illegible]	Spike		[illegible]		3410
101	*		[illegible]	[illegible]	Sample		[illegible]		3411
102			[illegible]	[illegible]	Sample		[illegible]		3412
103	*		[illegible]	[illegible]	Sample		[illegible]		3413
104			[illegible] CCV	[illegible]	CCV		CCV		2
105	*		[illegible] CCB	[illegible]	CCB		CCB		-
106			[illegible] CCB	[illegible]	CCB		CCB		-
107			[illegible]	[illegible]	Sample		[illegible]		3507
108			[illegible]	[illegible]	Sample		[illegible]		3508
109			[illegible]	[illegible]	Sample		[illegible]		3509
110	*		[illegible]	[illegible]	Sample		[illegible]		3510
111			[illegible]	[illegible]	Sample		[illegible]		3511
112	*		[illegible]	[illegible]	Sample		[illegible]		3512
113			[illegible]	[illegible]	Sample		[illegible]	D	3513
114	*		[illegible]	[illegible]	Sample		[illegible]	D	3514
115			[illegible]	[illegible]	Sample		[illegible]	D	3515
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US EPA Tune Check Report

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US EPA Tune Check Report

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Calibration Run Report

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Initial Calibration Verification (ICV) Report

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Continuing Calibration Verification (CCV) Report

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Initial Calibration Blank (ICB) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Initial Calibration Verification (LLICV) Report

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Continuing Calibration Verification (CCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Continuing Calibration Blank (CCB) Report

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Prep Bank (PB) Report

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Laboratory Control Sample (LCS) Report

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Duplicate Sample Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Summary Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Name	Value	[illegible]	[illegible]	[illegible]	[illegible]	Conc. RSD	[illegible]	[illegible]
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Name	Value	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Name	Mass	ISTD	Type	Conc	Drift	Conc RSD	[illegible]	% Rec	QC Flag
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

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Name	Drift	Type Mode	Conc	Conc RSD	Nominal	% Rec	QC Flag
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Prep Blank (PB) Report

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Reference Sample Report

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Duplicate Sample Report

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Sample Report

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Post Digestion Spike Sample (PDS) Report

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Name	Value	Type	Conc.	Conc.	Conc.	RSD	CPS	Spike Amt	% Rec	Flag
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

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Name	Value	Type Value	CPS	CPS RSD	Rel. Int.	% Rec	QC Flag
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Matrix Spike Sample (MS) Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Analyte	Value	Time Value	[illegible]	[illegible]	[illegible]	[illegible]	QC Flag
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Continuing Calibration Blank (CCB) Report

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Sample Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

[illegible]

Name	Mass	SID	Type Model	Conc	Units	Type Model	[illegible]	% Rec	QC Flag
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QC [illegible] Table

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Name	Value	Type	Conc	Units	Area Ratio	% Rec	QC Flag
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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Duplicate Sample Report

Sample Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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GC Analyte Values

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GC IS Values

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Sample Report

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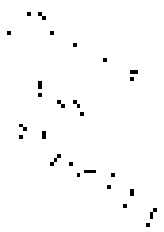

Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Blank (CCB) Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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www.alsglobal.com

July 27, 2021

Analytical Report for Service Request No: K2107417

Jessica Goin
Anchor QEA, LLC
421 SW Sixth Ave.
Suite 750
Portland, OR 97204

RE: Grumman Road MNR

Dear Jessica,

Enclosed are the results of the sample(s) submitted to our laboratory June 25, 2021
For your reference, these analyses have been assigned our service request number **K2107417.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3376. You may also contact me via email at Mark.Harris@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Mark Harris
Project Manager

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Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Case Narrative

ALS Environmental—Kelso Laboratory
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Client: Anchor QEA, LLC
Project: Grumman Road MNR
Sample Matrix: Water

Service Request: K2107417
Date Received: 06/25/2021

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.

Sample Receipt:

Thirty five water samples were received for analysis at ALS Environmental on 06/25/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

General Chemistry:

Method 300.0, 07/15/2021: The matrix spike recoveries of Sulfate for sample GR_GWC_15_109 were outside control criteria. Recovery in the Laboratory Control Sample (LCS) was acceptable, which indicated the analytical batch was in control. The matrix spike outliers suggested a potential low bias in this matrix. No further corrective action was appropriate.

Approved by _____ Date 07/27/2021

Chain of Custody

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K3107417

REMARKS

REPORT INFORMATION

REPORT REQUIREMENTS

INVOICE INFORMATION

INVOICE REQUIREMENTS

VEHICLE NO.

RELINQUISHED BY

RECEIVED BY

RELINQUISHED BY

RECEIVED BY

CHAIN OF CUSTODY

1210747

CHAIN OF CUSTODY

K3107417

Cooler Receipt and Preservation Form

Client _____ Service Request #: _____

Received _____ Opened _____ By _____ Unpacked _____ By _____

1. Samples were received via: USPS Fed Ex UPS DHL FDX Courier Hand Delivered
2. Samples were received in: Cooler Box Envelope Other N/A
3. Were custody seals on coolers? N/A Y N If yes, how many and where?
   If present, were custody seals intact? Y N If present, were they signed and dated? Y N
4. Were temperature blank(s) present in cooler? N/A Y N If yes, record the temperature in the appropriate column below.
   If no, state the temperature of a representative of samples that is contained within the cooler as noted in the column "Sample Temp".
5. Were samples received within the method specified temperature range? N/A Y N
   If no, were they received on ice and same day as collected? If no, note the cooler # below and notify the PM. N/A Y N

If applicable, total samples were received: Frozen Partially Thawed Thawed

Temp Blank	Sample Temp	IR Gun	Cooler #/COC ID/ N/A	Date of temp (include with "T")	PM notified if out of temp	Tracking Number	Poly	Foil

6. Delivery method: Airborne Express Bubble Wrap Cell Packs Wet Ice Dry Ice Blanket
7. Were custody papers properly filled out (ink, signed, etc.)? N/A Y N
8. Were samples received in good condition (unbroken)? N/A Y N
9. Were all sample labels complete (i.e. analysis, preservation, etc.)? N/A Y N
10. Did all sample labels and tags agree with custody papers? N/A Y N
11. Were appropriate bottles/containers and volumes received for the tests indicated? N/A Y N
12. Were the pH-preserved bottles (VOAs, O&G, Metals) checked for proper pH (pH paper is not to be left in the vial)? N/A Y N
13. Were VOA vials free of visible headspace (i.e. bubbles larger than a pea)? N/A Y N
14. Were LL Hg bottles received? N/A Y N

Sample ID on Bottle	Sample ID on COC	Identified by

Sample ID	Bottle Count Bottle Type	Headspace	Diluent	pH	Reagent	Volume added	Reagent Lot Number	Initials	Time

Notes, Discrepancies, Resolutions

Cooler Receipt and Preservation Form

Client: [illegible]

Service Request: K20

Notes, Discrepancies & Resolutions: [illegible]

General Chemistry

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21
Sample Matrix:	Water	**Date Received:**	06/25/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Chloride

Sample Name	Lab Code	Result	MRL	MDL	Dil.	Date Analyzed	Q
GR_GWC_15_109	K2107417-001	**4.01**	0.20	0.02	2	07/15/21 18:31	
GR_GWC_15_1109	K2107417-002	**4.08**	0.20	0.02	2	07/15/21 19:09	
GR_GWC_15_209	K2107417-003	**4.02**	0.20	0.02	2	07/15/21 19:19	
GR_GWC_15_1209	K2107417-004	**4.01**	0.20	0.02	2	07/15/21 19:28	
GR_GWC_20_109	K2107417-005	**30.8**	2.0	0.2	20	07/14/21 21:33	
GR_GWC_20_1109	K2107417-006	**30.7**	2.0	0.2	20	07/14/21 21:44	
GR_GWC_20_209	K2107417-007	**29.9**	2.0	0.2	20	07/14/21 21:56	
GR_GWC_20_1209	K2107417-008	**30.5**	2.0	0.2	20	07/14/21 22:07	
GR_GWC_15_009	K2107417-009	**3.66**	0.20	0.02	2	07/15/21 19:38	
GR_GWC_15_1009	K2107417-010	**3.91**	0.20	0.02	2	07/15/21 20:27	
GR_GWC_20_009	K2107417-011	**30.1**	2.0	0.2	20	07/14/21 23:05	
GR_GWC_20_1009	K2107417-012	**29.9**	2.0	0.2	20	07/14/21 23:17	
GR_GWC_15_113	K2107417-013	**5.98**	0.20	0.02	2	07/15/21 20:37	
GR_GWC_15_1113	K2107417-014	**5.94**	0.20	0.02	2	07/15/21 20:46	
GR_GWC_15_213	K2107417-015	**4.98**	0.20	0.02	2	07/15/21 20:56	
GR_GWC_15_1213	K2107417-016	**4.96**	0.20	0.02	2	07/15/21 21:05	
GR_GWC_20_113	K2107417-017	**34.2**	2.0	0.2	20	07/15/21 00:15	
GR_GWC_20_1113	K2107417-018	**34.3**	2.0	0.2	20	07/15/21 00:27	
GR_GWC_20_213	K2107417-019	**34.0**	2.0	0.2	20	07/15/21 01:02	
GR_GWC_20_1213	K2107417-020	**33.2**	2.0	0.2	20	07/15/21 01:14	
GR_GWC_15_013	K2107417-021	**4.95**	0.20	0.02	2	07/15/21 21:15	
GR_GWC_15_1013	K2107417-022	**4.92**	0.20	0.02	2	07/15/21 21:25	
GR_GWC_20_013	K2107417-023	**31.4**	2.0	0.2	20	07/15/21 02:12	
GR_GWC_20_1013	K2107417-024	**30.4**	2.0	0.2	20	07/15/21 02:24	
GR_GWC_002	K2107417-025	ND U	0.20	0.02	2	07/15/21 21:34	
Method Blank	K2107417-MB1	ND U	0.10	0.007	1	07/14/21 20:35	
Method Blank	K2107417-MB2	ND U	0.10	0.007	1	07/15/21 01:37	
Method Blank	K2107417-MB3	ND U	0.10	0.007	1	07/15/21 13:11	
Method Blank	K2107417-MB4	ND U	0.10	0.007	1	07/15/21 14:42	
Method Blank	K2107417-MB5	ND U	0.10	0.007	1	07/15/21 19:58	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project	Grumman Road MNR	**Date Collected:**	06/22/21
Sample Matrix:	Water	**Date Received:**	06/25/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Replicate Sample Summary
Chloride

Sample Name:	Lab Code:	MRL	MDL	Sample Result	Duplicate Result	Average	RPD	RPD Limit	Date Analyzed
GR_GWC_15_109	K2107417-001DUP	0.20	0.02	4.01	4.02	4.01	<1	20	07/15/21
GR_GWC_002	K2107417-025DUP	0.20	0.02	ND U	ND U	NC	NC	20	07/15/21

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Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21
Sample Matrix:	Water	**Date Received:**	06/25/21
		Date Analyzed:	07/15/21
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Chloride

Sample Name:	GR_GWC_15_109	**Units:**	mg/L
Lab Code:	K2107417-001	**Basis:**	NA
Analysis Method:	300.0		
Prep Method:	None		

		Matrix Spike K2107417-001MS			Duplicate Matrix Spike K2107417-001DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Chloride	4.01	11.5	8.00	94	11.5	8.00	94	90-110	<1	20

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Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21
Sample Matrix:	Water	**Date Received:**	06/25/21
		Date Analyzed:	07/15/21
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Chloride

Sample Name:	GR_GWC_002	**Units:**	mg/L
Lab Code:	K2107417-025	**Basis:**	NA
Analysis Method:	300.0		
Prep Method:	None		

		Matrix Spike K2107417-025MS			Duplicate Matrix Spike K2107417-025DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Chloride	ND U	7.38	8.00	92	7.42	8.00	93	90-110	<1	20

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Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Analyzed:**	07/14/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Chloride

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	731229

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2107417-LCS4	4.75	5.00	95	90-110
Lab Control Sample	K2107417-LCS5	4.58	5.00	92	90-110
Lab Control Sample	K2107417-LCS6	4.75	5.00	95	90-110

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Analyzed:**	07/15/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Chloride

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	731291

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2107417-LCS7	4.83	5.00	97	90-110
Lab Control Sample	K2107417-LCS8	4.81	5.00	96	90-110

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR

Continuing Calibration Verification (CCV) Summary

Chloride

Analysis Method: 300.0 **Units:** mg/L

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	731229	KQ2113204-01	07/14/21 20:00	5.00	4.74	95	90-110
CCV2	731229	KQ2113204-02	07/14/21 22:19	5.00	4.76	95	90-110
CCV3	731229	KQ2113204-03	07/15/21 00:38	5.00	4.63	93	90-110
CCV4	731229	KQ2113204-04	07/15/21 02:59	5.00	4.54	91	90-110
CCV5	731229	KQ2113204-05	07/15/21 05:07	5.00	4.56	91	90-110
CCV6	731229	KQ2113204-06	07/15/21 13:59	5.00	4.74	95	90-110
CCV7	731229	KQ2113204-07	07/15/21 16:21	5.00	4.74	95	90-110
CCV8	731229	KQ2113204-08	07/15/21 18:07	5.00	4.71	94	90-110
CCV9	731291	KQ2113293-01	07/15/21 14:14	5.00	4.78	96	90-110
CCV10	731291	KQ2113293-02	07/15/21 16:08	5.00	4.78	96	90-110
CCV11	731291	KQ2113293-03	07/15/21 18:11	5.00	4.52	90	90-110
CCV12	731291	KQ2113293-04	07/15/21 20:07	5.00	4.75	95	90-110
CCV13	731291	KQ2113293-05	07/15/21 22:03	5.00	4.78	96	90-110
CCV14	731291	KQ2113293-06	07/16/21 00:00	5.00	4.78	96	90-110
CCV15	731291	KQ2113293-07	07/16/21 01:29	5.00	4.78	96	90-110

Client: Anchor QEA, LLC **Service Request:**K2107417
Project: Grumman Road MNR

Continuing Calibration Blank (CCB) Summary
Chloride

Analysis Method: 300.0 **Units:**mg/L

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	731229	KQ2113204-09	07/14/21 20:12	0.10	0.007	ND	U
CCB2	731229	KQ2113204-10	07/14/21 22:31	0.10	0.007	ND	U
CCB3	731229	KQ2113204-11	07/15/21 00:50	0.10	0.007	ND	U
CCB4	731229	KQ2113204-12	07/15/21 03:10	0.10	0.007	ND	U
CCB5	731229	KQ2113204-13	07/15/21 05:19	0.10	0.007	ND	U
CCB6	731229	KQ2113204-14	07/15/21 14:11	0.10	0.007	ND	U
CCB7	731229	KQ2113204-15	07/15/21 16:33	0.10	0.007	ND	U
CCB8	731229	KQ2113204-16	07/15/21 18:19	0.10	0.007	ND	U
CCB9	731291	KQ2113293-08	07/15/21 14:23	0.10	0.007	ND	U
CCB10	731291	KQ2113293-09	07/15/21 16:18	0.10	0.007	ND	U
CCB11	731291	KQ2113293-10	07/15/21 18:21	0.10	0.007	ND	U
CCB12	731291	KQ2113293-11	07/15/21 20:17	0.10	0.007	ND	U
CCB13	731291	KQ2113293-12	07/15/21 22:13	0.10	0.007	ND	U
CCB14	731291	KQ2113293-13	07/16/21 00:10	0.10	0.007	ND	U
CCB15	731291	KQ2113293-14	07/16/21 01:39	0.10	0.007	ND	U

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 - 06/24/21
Sample Matrix:	Water	**Date Received:**	06/25/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Sulfate

Sample Name	Lab Code	Result	MRL	MDL	Dil.	Date Analyzed	Q
GR_GWC_15_109	K2107417-001	**90.6**	4.0	0.4	20	07/14/21 20:46	
GR_GWC_15_1109	K2107417-002	**81.7**	4.0	0.4	20	07/14/21 20:58	
GR_GWC_15_209	K2107417-003	**422**	40	4	200	07/15/21 11:07	
GR_GWC_15_1209	K2107417-004	**419**	40	4	200	07/15/21 11:19	
GR_GWC_20_109	K2107417-005	**1010**	40	4	200	07/15/21 11:31	
GR_GWC_20_1109	K2107417-006	**1000**	40	4	200	07/15/21 11:42	
GR_GWC_20_209	K2107417-007	**1350**	40	4	200	07/15/21 11:54	
GR_GWC_20_1209	K2107417-008	**1370**	40	4	200	07/15/21 13:23	
GR_GWC_15_009	K2107417-009	**40.8**	4.0	0.4	20	07/14/21 22:42	
GR_GWC_15_1009	K2107417-010	**40.9**	4.0	0.4	20	07/14/21 22:54	
GR_GWC_20_009	K2107417-011	**939**	40	4	200	07/15/21 13:35	
GR_GWC_20_1009	K2107417-012	**933**	40	4	200	07/15/21 13:47	
GR_GWC_15_113	K2107417-013	**101**	4.0	0.4	20	07/14/21 23:29	
GR_GWC_15_1113	K2107417-014	**95.8**	4.0	0.4	20	07/14/21 23:40	
GR_GWC_15_213	K2107417-015	**456**	40	4	200	07/15/21 14:23	
GR_GWC_15_1213	K2107417-016	**465**	40	4	200	07/15/21 14:34	
GR_GWC_20_113	K2107417-017	**1090**	40	4	200	07/15/21 14:46	
GR_GWC_20_1113	K2107417-018	**1100**	40	4	200	07/15/21 14:58	
GR_GWC_20_213	K2107417-019	**1450**	80	8	400	07/15/21 15:30	
GR_GWC_20_1213	K2107417-020	**1450**	80	8	400	07/15/21 15:40	
GR_GWC_15_013	K2107417-021	**40.1**	4.0	0.4	20	07/15/21 15:10	
GR_GWC_15_1013	K2107417-022	**39.0**	4.0	0.4	20	07/15/21 15:22	
GR_GWC_20_013	K2107417-023	**965**	40	4	200	07/15/21 16:57	
GR_GWC_20_1013	K2107417-024	**953**	40	4	200	07/15/21 17:06	
GR_GWC_002	K2107417-025	**0.11**	0.40	0.04	2	07/15/21 21:34	J
GR_GWC_15_105	K2107417-026	**951**	40	4	200	07/15/21 17:16	
GR_GWC_15_1105	K2107417-027	**943**	40	4	200	07/15/21 17:25	
GR_GWC_15_205	K2107417-028	**4010**	80	8	400	07/15/21 15:49	
GR_GWC_15_1205	K2107417-029	**4180**	80	8	400	07/15/21 15:59	
GR_GWC_20_105	K2107417-030	**2840**	40	4	200	07/15/21 17:35	
GR_GWC_20_1105	K2107417-031	**2500**	80	8	400	07/15/21 16:28	
GR_GWC_20_205	K2107417-032	**4410**	200	20	1000	07/15/21 16:37	
GR_GWC_20_1205	K2107417-033	**5070**	200	20	1000	07/15/21 16:47	
GR_GWC_15_005	K2107417-034	**49.7**	4.0	0.4	20	07/15/21 15:45	
GR_GWC_20_005	K2107417-035	**973**	40	4	200	07/15/21 17:45	
Method Blank	K2107417-MB1	ND	0.20	0.02	1	07/14/21 20:35	U

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 - 06/24/21
Sample Matrix:	Water	**Date Received:**	06/25/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Sulfate

Sample Name	Lab Code	Result		MRL	MDL	Dil.	Date Analyzed	Q
Method Blank	K2107417-MB2	ND	U	0.20	0.02	1	07/15/21 01:37	
Method Blank	K2107417-MB3	ND	U	0.20	0.02	1	07/15/21 13:11	
Method Blank	K2107417-MB4	ND	U	0.20	0.02	1	07/15/21 14:42	
Method Blank	K2107417-MB5	ND	U	0.20	0.02	1	07/15/21 19:58	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project	Grumman Road MNR	**Date Collected:**	06/22/21
Sample Matrix:	Water	**Date Received:**	06/25/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Replicate Sample Summary
Sulfate

Sample Name:	Lab Code:	MRL	MDL	Sample Result	Duplicate Result	Average	RPD	RPD Limit	Date Analyzed
GR_GWC_15_109	K2107417-001DUP	4.0	0.4	90.6	82.9	86.8	9	20	07/15/21
GR_GWC_15_1009	K2107417-010DUP	4.0	0.4	40.9	39.4	40.2	4	20	07/15/21
GR_GWC_002	K2107417-025DUP	0.40	0.04	0.11 J	0.10 J	0.106	5	20	07/15/21

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21
Sample Matrix:	Water	**Date Received:**	06/25/21
		Date Analyzed:	07/15/21
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Sulfate

Sample Name:	GR_GWC_002	**Units:**	mg/L
Lab Code:	K2107417-025	**Basis:**	NA
Analysis Method:	300.0		
Prep Method:	None		

		Matrix Spike K2107417-025MS			Duplicate Matrix Spike K2107417-025DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Sulfate	0.11 J	7.77	8.00	96	7.79	8.00	96	90-110	<1	20

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ALS Group USA, Corp.
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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21
Sample Matrix:	Water	**Date Received:**	06/25/21
		Date Analyzed:	07/15/21
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Sulfate

Sample Name:	GR_GWC_15_109	**Units:**	mg/L
Lab Code:	K2107417-001	**Basis:**	NA
Analysis Method:	300.0		
Prep Method:	None		

		Matrix Spike K2107417-001MS			Duplicate Matrix Spike K2107417-001DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Sulfate	90.6	155	80.0	81 *	154	80.0	79 *	90-110	<1	20

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Results flagged with a pound (#) indicate the control criteria is not applicable.

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Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21
Sample Matrix:	Water	**Date Received:**	06/25/21
		Date Analyzed:	07/15/21
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Sulfate

Sample Name:	GR_GWC_15_1009	**Units:**	mg/L
Lab Code:	K2107417-010	**Basis:**	NA
Analysis Method:	300.0		
Prep Method:	None		

		Matrix Spike K2107417-010MS			Duplicate Matrix Spike K2107417-010DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Sulfate	40.9	116	80.0	94	113	80.0	90	90-110	3	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Analyzed:**	07/14/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Sulfate

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	731229

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2107417-LCS4	4.82	5.00	96	90-110
Lab Control Sample	K2107417-LCS5	4.85	5.00	97	90-110
Lab Control Sample	K2107417-LCS6	4.90	5.00	98	90-110

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Analyzed:**	07/15/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Sulfate

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	731291

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2107417-LCS7	4.92	5.00	98	90-110
Lab Control Sample	K2107417-LCS8	4.93	5.00	99	90-110

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR

Continuing Calibration Verification (CCV) Summary

Sulfate

Analysis Method: 300.0 **Units:** mg/L

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	731229	KQ2113204-01	07/14/21 20:00	5.00	4.80	96	90-110
CCV2	731229	KQ2113204-02	07/14/21 22:19	5.00	4.92	98	90-110
CCV3	731229	KQ2113204-03	07/15/21 00:38	5.00	4.76	95	90-110
CCV4	731229	KQ2113204-05	07/15/21 05:07	5.00	4.68	94	90-110
CCV5	731229	KQ2113204-06	07/15/21 13:59	5.00	4.92	98	90-110
CCV6	731229	KQ2113204-07	07/15/21 16:21	5.00	4.90	98	90-110
CCV7	731229	KQ2113204-08	07/15/21 18:07	5.00	4.74	95	90-110
CCV8	731291	KQ2113293-01	07/15/21 14:14	5.00	4.91	98	90-110
CCV9	731291	KQ2113293-02	07/15/21 16:08	5.00	4.96	99	90-110
CCV10	731291	KQ2113293-03	07/15/21 18:11	5.00	4.67	93	90-110
CCV11	731291	KQ2113293-04	07/15/21 20:07	5.00	4.94	99	90-110
CCV12	731291	KQ2113293-05	07/15/21 22:03	5.00	4.94	99	90-110
CCV13	731291	KQ2113293-06	07/16/21 00:00	5.00	4.93	99	90-110
CCV14	731291	KQ2113293-07	07/16/21 01:29	5.00	5.10	102	90-110

Client: Anchor QEA, LLC **Service Request:**K2107417
Project: Grumman Road MNR

Continuing Calibration Blank (CCB) Summary
Sulfate

Analysis Method: 300.0 **Units:**mg/L

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	731229	KQ2113204-09	07/14/21 20:12	0.20	0.02	ND	U
CCB2	731229	KQ2113204-10	07/14/21 22:31	0.20	0.02	ND	U
CCB3	731229	KQ2113204-11	07/15/21 00:50	0.20	0.02	ND	U
CCB4	731229	KQ2113204-13	07/15/21 05:19	0.20	0.02	ND	U
CCB5	731229	KQ2113204-14	07/15/21 14:11	0.20	0.02	0.06	J
CCB6	731229	KQ2113204-15	07/15/21 16:33	0.20	0.02	ND	U
CCB7	731229	KQ2113204-16	07/15/21 18:19	0.20	0.02	ND	U
CCB8	731291	KQ2113293-08	07/15/21 14:23	0.20	0.02	ND	U
CCB9	731291	KQ2113293-09	07/15/21 16:18	0.20	0.02	ND	U
CCB10	731291	KQ2113293-10	07/15/21 18:21	0.20	0.02	ND	U
CCB11	731291	KQ2113293-11	07/15/21 20:17	0.20	0.02	ND	U
CCB12	731291	KQ2113293-12	07/15/21 22:13	0.20	0.02	ND	U
CCB13	731291	KQ2113293-13	07/16/21 00:10	0.20	0.02	ND	U
CCB14	731291	KQ2113293-14	07/16/21 01:39	0.20	0.02	ND	U

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/24/21
Sample Matrix:	Water	**Date Received:**	06/25/21
Analysis Method:	9060A	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Carbon, Dissolved Organic (DOC)

Sample Name	Lab Code	Result	MRL	MDL	Dil.	Date Analyzed	Q
GR_GWC_15_105	K2107417-026	**11500**	250	40	500	07/01/21 21:34	
GR_GWC_15_1105	K2107417-027	**14000**	250	40	500	07/01/21 21:34	
GR_GWC_15_205	K2107417-028	**7000**	250	40	500	07/01/21 21:34	
GR_GWC_15_1205	K2107417-029	**10300**	250	40	500	07/01/21 21:34	
GR_GWC_20_105	K2107417-030	**6950**	250	40	500	07/01/21 21:34	
GR_GWC_20_1105	K2107417-031	**6600**	250	40	500	07/01/21 21:34	
GR_GWC_20_205	K2107417-032	**6600**	250	40	500	07/01/21 21:34	
GR_GWC_20_1205	K2107417-033	**8650**	250	40	500	07/01/21 21:34	
GR_GWC_15_005	K2107417-034	**39.5**	2.5	0.4	5	07/01/21 21:34	
GR_GWC_20_005	K2107417-035	**35.5**	2.5	0.4	5	07/01/21 21:34	
Method Blank	K2107417-MB1	ND	0.50	0.07	1	07/01/21 21:34	U
Method Blank	K2107417-MB2	ND	0.50	0.07	1	07/01/21 21:34	U
Method Blank	K2107417-MB3	ND	0.50	0.07	1	07/01/21 21:34	U

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Analyzed:**	07/01/21
Sample Matrix:	Water	**Date Extracted:**	NA

Duplicate Lab Control Sample Summary
General Chemistry Parameters

Analysis Method:	9060A	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	729658

	Lab Control Sample K2107417-LCS1			Duplicate Lab Control Sample K2107417-DLCS1					
Analyte Name	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Carbon, Dissolved Organic (DOC)	24.6	25.0	98	24.7	25.0	99	83-117	<1	20

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Analyzed:**	07/01/21
Sample Matrix:	Water	**Date Extracted:**	NA

Duplicate Lab Control Sample Summary
General Chemistry Parameters

Analysis Method:	9060A	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	729658

	Lab Control Sample K2107417-LCS2			Duplicate Lab Control Sample K2107417-DLCS2					
Analyte Name	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Carbon, Dissolved Organic (DOC)	24.6	25.0	98	24.6	25.0	98	83-117	<1	20

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Analyzed:**	07/01/21
Sample Matrix:	Water	**Date Extracted:**	NA

Duplicate Lab Control Sample Summary
General Chemistry Parameters

Analysis Method:	9060A	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	729658

	Lab Control Sample K2107417-LCS3			Duplicate Lab Control Sample K2107417-DLCS3					
Analyte Name	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Carbon, Dissolved Organic (DOC)	24.7	25.0	99	24.7	25.0	99	83-117	<1	20

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR

Continuing Calibration Verification (CCV) Summary

Carbon, Dissolved Organic (DOC)

Analysis Method: 9060A **Units:** mg/L

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	729658	KQ2112274-01	07/01/21 21:34	25.0	24.8	99	90-110
CCV2	729658	KQ2112274-02	07/01/21 21:34	25.0	24.8	99	90-110
CCV3	729658	KQ2112274-03	07/01/21 21:34	25.0	24.7	99	90-110
CCV4	729658	KQ2112274-04	07/01/21 21:34	25.0	24.9	100	90-110
CCV5	729658	KQ2112274-05	07/01/21 21:34	25.0	24.7	99	90-110

Client: Anchor QEA, LLC **Service Request:**K2107417
Project: Grumman Road MNR

Continuing Calibration Blank (CCB) Summary
Carbon, Dissolved Organic (DOC)

Analysis Method: 9060A **Units:**mg/L

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	729658	KQ2112274-06	07/01/21 21:34	0.50	0.07	ND	U
CCB2	729658	KQ2112274-07	07/01/21 21:34	0.50	0.07	ND	U
CCB3	729658	KQ2112274-08	07/01/21 21:34	0.50	0.07	ND	U
CCB4	729658	KQ2112274-09	07/01/21 21:34	0.50	0.07	ND	U
CCB5	729658	KQ2112274-10	07/01/21 21:34	0.50	0.07	ND	U

Metals

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 20:40
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_109	**Basis:**	NA
Lab Code:	K2107417-001		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**6.17**	ug/L	0.50	0.09	1	07/22/21 20:57	07/06/21	
Iron	6020A	**87.4**	ug/L	4.0	0.3	1	07/22/21 20:57	07/06/21	
Molybdenum	6020A	**85.0**	ug/L	0.20	0.03	1	07/22/21 20:57	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 20:40
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_109	**Basis:**	NA
Lab Code:	K2107417-001		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**50.1**	ug/L	0.50	0.09	1	07/22/21 22:35	07/06/21	
Iron	6020A	**3770**	ug/L	4.0	0.3	1	07/22/21 22:35	07/06/21	
Molybdenum	6020A	**90.6**	ug/L	0.20	0.03	1	07/22/21 22:35	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 20:45
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_1109	**Basis:**	NA
Lab Code:	K2107417-002		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**5.96**	ug/L	0.50	0.09	1	07/22/21 21:12	07/06/21	
Iron	6020A	**52.6**	ug/L	4.0	0.3	1	07/22/21 21:12	07/06/21	
Molybdenum	6020A	**88.7**	ug/L	0.20	0.03	1	07/22/21 21:12	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 20:45
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_1109	**Basis:**	NA
Lab Code:	K2107417-002		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**50.6**	ug/L	0.50	0.09	1	07/22/21 22:49	07/06/21	
Iron	6020A	**3780**	ug/L	4.0	0.3	1	07/22/21 22:49	07/06/21	
Molybdenum	6020A	**89.9**	ug/L	0.20	0.03	1	07/22/21 22:49	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 21:00
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_209	**Basis:**	NA
Lab Code:	K2107417-003		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**3.13**	ug/L	0.50	0.09	1	07/22/21 21:14	07/06/21	
Iron	6020A	**36000**	ug/L	4.0	0.3	1	07/22/21 21:14	07/06/21	
Molybdenum	6020A	**0.10**	ug/L	0.20	0.03	1	07/22/21 21:14	07/06/21	**J**

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 21:00
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_209	**Basis:**	NA
Lab Code:	K2107417-003		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**20.4**	ug/L	0.50	0.09	1	07/22/21 22:52	07/06/21	
Iron	6020A	**42200**	ug/L	4.0	0.3	1	07/22/21 22:52	07/06/21	
Molybdenum	6020A	**3.02**	ug/L	0.20	0.03	1	07/22/21 22:52	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 21:05
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_1209	**Basis:**	NA
Lab Code:	K2107417-004		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**3.22**	ug/L	0.50	0.09	1	07/22/21 21:23	07/06/21	
Iron	6020A	**36700**	ug/L	4.0	0.3	1	07/22/21 21:23	07/06/21	
Molybdenum	6020A	**0.04**	ug/L	0.20	0.03	1	07/22/21 21:23	07/06/21	**J**

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 21:05
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_1209	**Basis:**	NA
Lab Code:	K2107417-004		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**19.4**	ug/L	0.50	0.09	1	07/22/21 22:55	07/06/21	
Iron	6020A	**42600**	ug/L	4.0	0.3	1	07/22/21 22:55	07/06/21	
Molybdenum	6020A	**2.96**	ug/L	0.20	0.03	1	07/22/21 22:55	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 21:50
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_109	**Basis:**	NA
Lab Code:	K2107417-005		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**8.23**	ug/L	0.50	0.09	1	07/22/21 21:26	07/06/21	
Iron	6020A	**72.0**	ug/L	4.0	0.3	1	07/22/21 21:26	07/06/21	
Molybdenum	6020A	**508**	ug/L	0.20	0.03	1	07/22/21 21:26	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 21:50
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_109	**Basis:**	NA
Lab Code:	K2107417-005		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**61.3**	ug/L	0.50	0.09	1	07/22/21 23:04	07/06/21	
Iron	6020A	**3980**	ug/L	4.0	0.3	1	07/22/21 23:04	07/06/21	
Molybdenum	6020A	**529**	ug/L	0.20	0.03	1	07/22/21 23:04	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 21:55
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_1109	**Basis:**	NA
Lab Code:	K2107417-006		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**11.0**	ug/L	0.50	0.09	1	07/22/21 21:29	07/06/21	
Iron	6020A	**157**	ug/L	4.0	0.3	1	07/22/21 21:29	07/06/21	
Molybdenum	6020A	**634**	ug/L	0.20	0.03	1	07/22/21 21:29	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 21:55
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_1109	**Basis:**	NA
Lab Code:	K2107417-006		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**64.2**	ug/L	0.50	0.09	1	07/22/21 23:07	07/06/21	
Iron	6020A	**4140**	ug/L	4.0	0.3	1	07/22/21 23:07	07/06/21	
Molybdenum	6020A	**530**	ug/L	0.20	0.03	1	07/22/21 23:07	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 22:05
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_209	**Basis:**	NA
Lab Code:	K2107417-007		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**0.88**	ug/L	0.50	0.09	1	07/22/21 21:32	07/06/21	
Iron	6020A	**127000**	ug/L	20	3	10	07/23/21 18:34	07/06/21	
Molybdenum	6020A	**1.55**	ug/L	0.20	0.03	1	07/22/21 21:32	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 22:05
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_209	**Basis:**	NA
Lab Code:	K2107417-007		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**68.0**	ug/L	0.50	0.09	1	07/22/21 23:09	07/06/21	
Iron	6020A	**119000**	ug/L	20	3	10	07/23/21 18:39	07/06/21	
Molybdenum	6020A	**66.3**	ug/L	0.20	0.03	1	07/22/21 23:09	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 22:10
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_1209	**Basis:**	NA
Lab Code:	K2107417-008		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**0.60**	ug/L	0.50	0.09	1	07/22/21 21:35	07/06/21	
Iron	6020A	**130000**	ug/L	20	3	10	07/23/21 18:35	07/06/21	
Molybdenum	6020A	**1.34**	ug/L	0.20	0.03	1	07/22/21 21:35	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 22:10
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_1209	**Basis:**	NA
Lab Code:	K2107417-008		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**72.3**	ug/L	0.50	0.09	1	07/22/21 23:12	07/06/21	
Iron	6020A	**119000**	ug/L	20	3	10	07/23/21 18:41	07/06/21	
Molybdenum	6020A	**68.6**	ug/L	0.20	0.03	1	07/22/21 23:12	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 18:15
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_009	**Basis:**	NA
Lab Code:	K2107417-009		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**217**	ug/L	0.50	0.09	1	07/22/21 21:37	07/06/21	
Iron	6020A	**283**	ug/L	4.0	0.3	1	07/22/21 21:37	07/06/21	
Molybdenum	6020A	**94.1**	ug/L	0.20	0.03	1	07/22/21 21:37	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 18:15
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_009	**Basis:**	NA
Lab Code:	K2107417-009		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**237**	ug/L	0.50	0.09	1	07/22/21 23:15	07/06/21	
Iron	6020A	**431**	ug/L	4.0	0.3	1	07/22/21 23:15	07/06/21	
Molybdenum	6020A	**95.9**	ug/L	0.20	0.03	1	07/22/21 23:15	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 18:20
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_1009	**Basis:**	NA
Lab Code:	K2107417-010		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**237**	ug/L	0.50	0.09	1	07/22/21 21:40	07/06/21	
Iron	6020A	**440**	ug/L	4.0	0.3	1	07/22/21 21:40	07/06/21	
Molybdenum	6020A	**93.8**	ug/L	0.20	0.03	1	07/22/21 21:40	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 18:20
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_1009	**Basis:**	NA
Lab Code:	K2107417-010		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**248**	ug/L	0.50	0.09	1	07/22/21 23:18	07/06/21	
Iron	6020A	**450**	ug/L	4.0	0.3	1	07/22/21 23:18	07/06/21	
Molybdenum	6020A	**96.9**	ug/L	0.20	0.03	1	07/22/21 23:18	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 18:30
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_009	**Basis:**	NA
Lab Code:	K2107417-011		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**186**	ug/L	0.50	0.09	1	07/22/21 21:43	07/06/21	
Iron	6020A	**128**	ug/L	4.0	0.3	1	07/22/21 21:43	07/06/21	
Molybdenum	6020A	**561**	ug/L	0.20	0.03	1	07/22/21 21:43	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 18:30
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_009	**Basis:**	NA
Lab Code:	K2107417-011		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**216**	ug/L	0.50	0.09	1	07/22/21 23:21	07/06/21	
Iron	6020A	**224**	ug/L	4.0	0.3	1	07/22/21 23:21	07/06/21	
Molybdenum	6020A	**573**	ug/L	0.20	0.03	1	07/22/21 23:21	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 18:35
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_1009	**Basis:**	NA
Lab Code:	K2107417-012		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**248**	ug/L	0.50	0.09	1	07/22/21 21:46	07/06/21	
Iron	6020A	**156**	ug/L	4.0	0.3	1	07/22/21 21:46	07/06/21	
Molybdenum	6020A	**759**	ug/L	0.20	0.03	1	07/22/21 21:46	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 18:35
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_1009	**Basis:**	NA
Lab Code:	K2107417-012		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**213**	ug/L	0.50	0.09	1	07/22/21 23:24	07/06/21	
Iron	6020A	**225**	ug/L	4.0	0.3	1	07/22/21 23:24	07/06/21	
Molybdenum	6020A	**561**	ug/L	0.20	0.03	1	07/22/21 23:24	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 18:45
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_113	**Basis:**	NA
Lab Code:	K2107417-013		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**8.06**	ug/L	0.50	0.09	1	07/22/21 21:49	07/06/21	
Iron	6020A	**50.0**	ug/L	4.0	0.3	1	07/22/21 21:49	07/06/21	
Molybdenum	6020A	**106**	ug/L	0.20	0.03	1	07/22/21 21:49	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 18:45
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_113	**Basis:**	NA
Lab Code:	K2107417-013		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**33.3**	ug/L	0.50	0.09	1	07/22/21 23:27	07/06/21	
Iron	6020A	**2490**	ug/L	4.0	0.3	1	07/22/21 23:27	07/06/21	
Molybdenum	6020A	**110**	ug/L	0.20	0.03	1	07/22/21 23:27	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 18:50
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_1113	**Basis:**	NA
Lab Code:	K2107417-014		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**7.32**	ug/L	0.50	0.09	1	07/22/21 21:58	07/06/21	
Iron	6020A	**33.2**	ug/L	4.0	0.3	1	07/22/21 21:58	07/06/21	
Molybdenum	6020A	**106**	ug/L	0.20	0.03	1	07/22/21 21:58	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 18:50
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_1113	**Basis:**	NA
Lab Code:	K2107417-014		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**50.0**	ug/L	0.50	0.09	1	07/22/21 23:29	07/06/21	
Iron	6020A	**4000**	ug/L	4.0	0.3	1	07/22/21 23:29	07/06/21	
Molybdenum	6020A	**112**	ug/L	0.20	0.03	1	07/22/21 23:29	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 20:00
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_213	**Basis:**	NA
Lab Code:	K2107417-015		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**4.35**	ug/L	0.50	0.09	1	07/22/21 22:00	07/06/21	
Iron	6020A	**38400**	ug/L	4.0	0.3	1	07/22/21 22:00	07/06/21	
Molybdenum	6020A	**0.08**	ug/L	0.20	0.03	1	07/22/21 22:00	07/06/21	J

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 20:00
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_213	**Basis:**	NA
Lab Code:	K2107417-015		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**34.6**	ug/L	0.50	0.09	1	07/22/21 23:38	07/06/21	
Iron	6020A	**64500**	ug/L	20	3	10	07/23/21 18:42	07/06/21	
Molybdenum	6020A	**11.8**	ug/L	0.20	0.03	1	07/22/21 23:38	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 20:05
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_1213	**Basis:**	NA
Lab Code:	K2107417-016		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**4.52**	ug/L	0.50	0.09	1	07/22/21 22:03	07/06/21	
Iron	6020A	**38500**	ug/L	4.0	0.3	1	07/22/21 22:03	07/06/21	
Molybdenum	6020A	**0.07**	ug/L	0.20	0.03	1	07/22/21 22:03	07/06/21	**J**

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 20:05
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_1213	**Basis:**	NA
Lab Code:	K2107417-016		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**24.6**	ug/L	0.50	0.09	1	07/22/21 23:41	07/06/21	
Iron	6020A	**56600**	ug/L	20	3	10	07/23/21 18:43	07/06/21	
Molybdenum	6020A	**8.16**	ug/L	0.20	0.03	1	07/22/21 23:41	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 19:30
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_113	**Basis:**	NA
Lab Code:	K2107417-017		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**10.5**	ug/L	0.50	0.09	1	07/22/21 22:06	07/06/21	
Iron	6020A	**26.3**	ug/L	4.0	0.3	1	07/22/21 22:06	07/06/21	
Molybdenum	6020A	**582**	ug/L	0.20	0.03	1	07/22/21 22:06	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 19:30
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_113	**Basis:**	NA
Lab Code:	K2107417-017		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**62.1**	ug/L	0.50	0.09	1	07/22/21 23:44	07/06/21	
Iron	6020A	**4790**	ug/L	4.0	0.3	1	07/22/21 23:44	07/06/21	
Molybdenum	6020A	**612**	ug/L	0.20	0.03	1	07/22/21 23:44	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 19:35
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_1113	**Basis:**	NA
Lab Code:	K2107417-018		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**11.0**	ug/L	0.50	0.09	1	07/22/21 22:09	07/06/21	
Iron	6020A	**23.2**	ug/L	4.0	0.3	1	07/22/21 22:09	07/06/21	
Molybdenum	6020A	**596**	ug/L	0.20	0.03	1	07/22/21 22:09	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 19:35
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_1113	**Basis:**	NA
Lab Code:	K2107417-018		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**61.6**	ug/L	0.50	0.09	1	07/22/21 23:47	07/06/21	
Iron	6020A	**4830**	ug/L	4.0	0.3	1	07/22/21 23:47	07/06/21	
Molybdenum	6020A	**609**	ug/L	0.20	0.03	1	07/22/21 23:47	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 20:15
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_213	**Basis:**	NA
Lab Code:	K2107417-019		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**2.82**	ug/L	0.50	0.09	1	07/22/21 22:12	07/06/21	
Iron	6020A	**104000**	ug/L	20	3	10	07/23/21 18:37	07/06/21	
Molybdenum	6020A	**0.97**	ug/L	0.20	0.03	1	07/22/21 22:12	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 20:15
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_213	**Basis:**	NA
Lab Code:	K2107417-019		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**10.4**	ug/L	0.50	0.09	1	07/22/21 23:50	07/06/21	
Iron	6020A	**109000**	ug/L	20	3	10	07/23/21 18:45	07/06/21	
Molybdenum	6020A	**18.8**	ug/L	0.20	0.03	1	07/22/21 23:50	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 20:20
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_1213	**Basis:**	NA
Lab Code:	K2107417-020		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**3.00**	ug/L	0.50	0.09	1	07/22/21 22:15	07/06/21	
Iron	6020A	**104000**	ug/L	20	3	10	07/23/21 18:38	07/06/21	
Molybdenum	6020A	**1.10**	ug/L	0.20	0.03	1	07/22/21 22:15	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 20:20
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_1213	**Basis:**	NA
Lab Code:	K2107417-020		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**17.6**	ug/L	0.50	0.09	1	07/22/21 23:52	07/06/21	
Iron	6020A	**111000**	ug/L	20	3	10	07/23/21 18:46	07/06/21	
Molybdenum	6020A	**33.9**	ug/L	0.20	0.03	1	07/22/21 23:52	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 17:15
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_013	**Basis:**	NA
Lab Code:	K2107417-021		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**188**	ug/L	0.50	0.09	1	07/22/21 18:35	07/06/21	
Iron	6020A	**117**	ug/L	4.0	0.3	1	07/22/21 18:35	07/06/21	
Molybdenum	6020A	**89.0**	ug/L	0.20	0.03	1	07/22/21 18:35	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 17:15
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_013	**Basis:**	NA
Lab Code:	K2107417-021		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**238**	ug/L	0.50	0.09	1	07/22/21 19:28	07/06/21	
Iron	6020A	**406**	ug/L	4.0	0.3	1	07/22/21 19:28	07/06/21	
Molybdenum	6020A	**94.3**	ug/L	0.20	0.03	1	07/22/21 19:28	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 17:20
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_1013	**Basis:**	NA
Lab Code:	K2107417-022		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**202**	ug/L	0.50	0.09	1	07/22/21 18:42	07/06/21	
Iron	6020A	**185**	ug/L	4.0	0.3	1	07/22/21 18:42	07/06/21	
Molybdenum	6020A	**89.7**	ug/L	0.20	0.03	1	07/22/21 18:42	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 17:20
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_1013	**Basis:**	NA
Lab Code:	K2107417-022		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**238**	ug/L	0.50	0.09	1	07/22/21 19:42	07/06/21	
Iron	6020A	**404**	ug/L	4.0	0.3	1	07/22/21 19:42	07/06/21	
Molybdenum	6020A	**92.3**	ug/L	0.20	0.03	1	07/22/21 19:42	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 17:40
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_013	**Basis:**	NA
Lab Code:	K2107417-023		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**185**	ug/L	0.50	0.09	1	07/22/21 18:44	07/06/21	
Iron	6020A	**105**	ug/L	4.0	0.3	1	07/22/21 18:44	07/06/21	
Molybdenum	6020A	**542**	ug/L	0.20	0.03	1	07/22/21 18:44	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 17:40
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_013	**Basis:**	NA
Lab Code:	K2107417-023		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**220**	ug/L	0.50	0.09	1	07/22/21 19:45	07/06/21	
Iron	6020A	**248**	ug/L	4.0	0.3	1	07/22/21 19:45	07/06/21	
Molybdenum	6020A	**555**	ug/L	0.20	0.03	1	07/22/21 19:45	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 17:45
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_1013	**Basis:**	NA
Lab Code:	K2107417-024		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**179**	ug/L	0.50	0.09	1	07/22/21 18:45	07/06/21	
Iron	6020A	**92.3**	ug/L	4.0	0.3	1	07/22/21 18:45	07/06/21	
Molybdenum	6020A	**546**	ug/L	0.20	0.03	1	07/22/21 18:45	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 17:45
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_1013	**Basis:**	NA
Lab Code:	K2107417-024		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**218**	ug/L	0.50	0.09	1	07/22/21 19:48	07/06/21	
Iron	6020A	**253**	ug/L	4.0	0.3	1	07/22/21 19:48	07/06/21	
Molybdenum	6020A	**545**	ug/L	0.20	0.03	1	07/22/21 19:48	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 13:30
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_002	**Basis:**	NA
Lab Code:	K2107417-025		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	0.50	0.09	1	07/22/21 18:52	07/06/21	
Iron	6020A	**0.5**	**J**	ug/L	4.0	0.3	1	07/22/21 18:52	07/06/21	
Molybdenum	6020A	ND	U	ug/L	0.20	0.03	1	07/22/21 18:52	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21 13:30
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_002	**Basis:**	NA
Lab Code:	K2107417-025		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	0.50	0.09	1	07/22/21 19:51	07/06/21	
Iron	6020A	**0.7**	**J**	ug/L	4.0	0.3	1	07/22/21 19:51	07/06/21	
Molybdenum	6020A	**0.20**	**J**	ug/L	0.20	0.03	1	07/22/21 19:51	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/24/21 17:10
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_105	**Basis:**	NA
Lab Code:	K2107417-026		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**145**	ug/L	5.0	0.9	10	07/22/21 18:56	07/06/21	
Iron	6020A	**155000**	ug/L	40	3	10	07/22/21 18:56	07/06/21	
Molybdenum	6020A	**60.3**	ug/L	2.0	0.3	10	07/22/21 18:56	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/24/21 17:10
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_105	**Basis:**	NA
Lab Code:	K2107417-026		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**159**	ug/L	5.0	0.9	10	07/22/21 19:59	07/06/21	
Iron	6020A	**170000**	ug/L	40	3	10	07/22/21 19:59	07/06/21	
Molybdenum	6020A	**52.1**	ug/L	2.0	0.3	10	07/22/21 19:59	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/24/21 17:15
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_1105	**Basis:**	NA
Lab Code:	K2107417-027		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**160**	ug/L	5.0	0.9	10	07/22/21 18:57	07/06/21	
Iron	6020A	**139000**	ug/L	40	3	10	07/22/21 18:57	07/06/21	
Molybdenum	6020A	**63.9**	ug/L	2.0	0.3	10	07/22/21 18:57	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/24/21 17:15
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_1105	**Basis:**	NA
Lab Code:	K2107417-027		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**167**	ug/L	5.0	0.9	10	07/22/21 20:08	07/06/21	
Iron	6020A	**146000**	ug/L	40	3	10	07/22/21 20:08	07/06/21	
Molybdenum	6020A	**54.5**	ug/L	2.0	0.3	10	07/22/21 20:08	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/24/21 19:40
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_205	**Basis:**	NA
Lab Code:	K2107417-028		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**151**	ug/L	5.0	0.9	10	07/22/21 18:59	07/06/21	
Iron	6020A	**1220000**	ug/L	400	30	100	07/22/21 19:18	07/06/21	
Molybdenum	6020A	**67.2**	ug/L	2.0	0.3	10	07/22/21 18:59	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/24/21 19:40
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_205	**Basis:**	NA
Lab Code:	K2107417-028		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**155**	ug/L	5.0	0.9	10	07/22/21 20:11	07/06/21	
Iron	6020A	**1270000**	ug/L	400	30	100	07/22/21 20:28	07/06/21	
Molybdenum	6020A	**67.9**	ug/L	2.0	0.3	10	07/22/21 20:11	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/24/21 19:45
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_1205	**Basis:**	NA
Lab Code:	K2107417-029		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**148**	ug/L	5.0	0.9	10	07/22/21 19:00	07/06/21	
Iron	6020A	**1160000**	ug/L	400	30	100	07/22/21 19:20	07/06/21	
Molybdenum	6020A	**75.0**	ug/L	2.0	0.3	10	07/22/21 19:00	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/24/21 19:45
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_1205	**Basis:**	NA
Lab Code:	K2107417-029		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**154**	ug/L	5.0	0.9	10	07/22/21 20:14	07/06/21	
Iron	6020A	**1310000**	ug/L	400	30	100	07/22/21 20:31	07/06/21	
Molybdenum	6020A	**73.8**	ug/L	2.0	0.3	10	07/22/21 20:14	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/24/21 18:40
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_105	**Basis:**	NA
Lab Code:	K2107417-030		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**157**	ug/L	5.0	0.9	10	07/22/21 19:01	07/06/21	
Iron	6020A	**161000**	ug/L	40	3	10	07/22/21 19:01	07/06/21	
Molybdenum	6020A	**243**	ug/L	2.0	0.3	10	07/22/21 19:01	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/24/21 18:40
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_105	**Basis:**	NA
Lab Code:	K2107417-030		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**166**	ug/L	5.0	0.9	10	07/22/21 20:17	07/06/21	
Iron	6020A	**172000**	ug/L	40	3	10	07/22/21 20:17	07/06/21	
Molybdenum	6020A	**221**	ug/L	2.0	0.3	10	07/22/21 20:17	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/24/21 18:45
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_1105	**Basis:**	NA
Lab Code:	K2107417-031		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**167**	ug/L	5.0	0.9	10	07/22/21 19:03	07/06/21	
Iron	6020A	**190000**	ug/L	40	3	10	07/22/21 19:03	07/06/21	
Molybdenum	6020A	**371**	ug/L	2.0	0.3	10	07/22/21 19:03	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/24/21 18:45
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_1105	**Basis:**	NA
Lab Code:	K2107417-031		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**175**	ug/L	5.0	0.9	10	07/22/21 20:20	07/06/21	
Iron	6020A	**196000**	ug/L	40	3	10	07/22/21 20:20	07/06/21	
Molybdenum	6020A	**350**	ug/L	2.0	0.3	10	07/22/21 20:20	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/24/21 19:05
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_205	**Basis:**	NA
Lab Code:	K2107417-032		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**152**	ug/L	5.0	0.9	10	07/22/21 19:04	07/06/21	
Iron	6020A	**1340000**	ug/L	400	30	100	07/22/21 19:21	07/06/21	
Molybdenum	6020A	**235**	ug/L	2.0	0.3	10	07/22/21 19:04	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/24/21 19:05
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_205	**Basis:**	NA
Lab Code:	K2107417-032		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**155**	ug/L	5.0	0.9	10	07/22/21 20:23	07/06/21	
Iron	6020A	**1410000**	ug/L	400	30	100	07/22/21 20:34	07/06/21	
Molybdenum	6020A	**233**	ug/L	2.0	0.3	10	07/22/21 20:23	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/24/21 19:10
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_1205	**Basis:**	NA
Lab Code:	K2107417-033		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**96.2**	ug/L	5.0	0.9	10	07/22/21 19:17	07/06/21	
Iron	6020A	**1320000**	ug/L	400	30	100	07/22/21 19:23	07/06/21	
Molybdenum	6020A	**161**	ug/L	2.0	0.3	10	07/22/21 19:17	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/24/21 19:10
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_1205	**Basis:**	NA
Lab Code:	K2107417-033		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**106**	ug/L	5.0	0.9	10	07/22/21 20:25	07/06/21	
Iron	6020A	**1340000**	ug/L	400	30	100	07/22/21 20:49	07/06/21	
Molybdenum	6020A	**164**	ug/L	2.0	0.3	10	07/22/21 20:25	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/24/21 18:10
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_005	**Basis:**	NA
Lab Code:	K2107417-034		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**3.25**	ug/L	0.50	0.09	1	07/22/21 18:53	07/06/21	
Iron	6020A	**25.7**	ug/L	4.0	0.3	1	07/22/21 18:53	07/06/21	
Molybdenum	6020A	**154**	ug/L	0.20	0.03	1	07/22/21 18:53	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/24/21 18:10
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_005	**Basis:**	NA
Lab Code:	K2107417-034		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**8.88**	ug/L	0.50	0.09	1	07/22/21 19:54	07/06/21	
Iron	6020A	**388**	ug/L	4.0	0.3	1	07/22/21 19:54	07/06/21	
Molybdenum	6020A	**157**	ug/L	0.20	0.03	1	07/22/21 19:54	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/24/21 19:35
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_005	**Basis:**	NA
Lab Code:	K2107417-035		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**1.80**	ug/L	0.50	0.09	1	07/22/21 18:54	07/06/21	
Iron	6020A	**22.2**	ug/L	4.0	0.3	1	07/22/21 18:54	07/06/21	
Molybdenum	6020A	**561**	ug/L	0.20	0.03	1	07/22/21 18:54	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/24/21 19:35
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_005	**Basis:**	NA
Lab Code:	K2107417-035		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**32.7**	ug/L	0.50	0.09	1	07/22/21 19:57	07/06/21	
Iron	6020A	**2490**	ug/L	4.0	0.3	1	07/22/21 19:57	07/06/21	
Molybdenum	6020A	**523**	ug/L	0.20	0.03	1	07/22/21 19:57	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2111988-01		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	0.50	0.09	1	07/22/21 20:51	07/06/21	
Iron	6020A	**3.0**	**J**	ug/L	4.0	0.3	1	07/22/21 20:51	07/06/21	
Molybdenum	6020A	ND	U	ug/L	0.20	0.03	1	07/22/21 20:51	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2111990-01		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	0.50	0.09	1	07/22/21 18:32	07/06/21	
Iron	6020A	**0.4**	**J**	ug/L	4.0	0.3	1	07/22/21 18:32	07/06/21	
Molybdenum	6020A	ND	U	ug/L	0.20	0.03	1	07/22/21 18:32	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2111987-01		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	0.50	0.09	1	07/22/21 22:29	07/06/21	
Iron	6020A	ND	U	ug/L	4.0	0.3	1	07/22/21 22:29	07/06/21	
Molybdenum	6020A	ND	U	ug/L	0.20	0.03	1	07/22/21 22:29	07/06/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2111989-01		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	0.50	0.09	1	07/22/21 19:25	07/06/21	
Iron	6020A	**2.5**	**J**	ug/L	4.0	0.3	1	07/22/21 19:25	07/06/21	
Molybdenum	6020A	ND	U	ug/L	0.20	0.03	1	07/22/21 19:25	07/06/21	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project	Grumman Road MNR	**Date Collected:**	06/22/21
Sample Matrix:	Water	**Date Received:**	06/25/21
		Date Analyzed:	07/22/21

Replicate Sample Summary
Dissolved Metals

Sample Name:	GR_GWC_15_109	**Units:**	ug/L
Lab Code:	K2107417-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2111988-03 Result	Average	RPD	RPD Limit
Arsenic	6020A	0.50	0.09	6.17	6.08	6.13	1	20
Iron	6020A	4.0	0.3	87.4	87.4	87.4	<1	20
Molybdenum	6020A	0.20	0.03	85.0	85.5	85.3	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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Superset Reference:

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project	Grumman Road MNR	**Date Collected:**	06/22/21
Sample Matrix:	Water	**Date Received:**	06/25/21
		Date Analyzed:	07/22/21

Replicate Sample Summary
Dissolved Metals

Sample Name:	GR_GWC_15_013	**Units:**	ug/L
Lab Code:	K2107417-021	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2111990-03 Result	Average	RPD	RPD Limit
Arsenic	6020A	0.50	0.09	188	200	194	6	20
Iron	6020A	4.0	0.3	117	122	120	4	20
Molybdenum	6020A	0.20	0.03	89.0	93.0	91.0	4	20

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Superset Reference:

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project	Grumman Road MNR	**Date Collected:**	06/22/21
Sample Matrix:	Water	**Date Received:**	06/25/21
		Date Analyzed:	07/22/21

Replicate Sample Summary
Total Metals

Sample Name:	GR_GWC_15_109	**Units:**	ug/L
Lab Code:	K2107417-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2111987-03 Result	Average	RPD	RPD Limit
Arsenic	6020A	0.50	0.09	50.1	52.7	51.4	5	20
Iron	6020A	4.0	0.3	3770	3970	3870	5	20
Molybdenum	6020A	0.20	0.03	90.6	94.1	92.4	4	20

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Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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Superset Reference:

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project	Grumman Road MNR	**Date Collected:**	06/22/21
Sample Matrix:	Water	**Date Received:**	06/25/21
		Date Analyzed:	07/22/21

Replicate Sample Summary
Total Metals

Sample Name:	GR_GWC_15_013	**Units:**	ug/L
Lab Code:	K2107417-021	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2111989-03 Result	Average	RPD	RPD Limit
Arsenic	6020A	0.50	0.09	238	233	236	2	20
Iron	6020A	4.0	0.3	406	420	413	3	20
Molybdenum	6020A	0.20	0.03	94.3	93.1	93.7	1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

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Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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Superset Reference:

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21
Sample Matrix:	Water	**Date Received:**	06/25/21
		Date Analyzed:	07/22/21
		Date Extracted:	07/6/21

Matrix Spike Summary
Dissolved Metals

Sample Name:	GR_GWC_15_109	**Units:**	ug/L
Lab Code:	K2107417-001	**Basis:**	NA
Analysis Method:	6020A		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2111988-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6.17	55.7	50.0	99	75-125
Iron	87.4	137	50.0	98	75-125
Molybdenum	85.0	113	25.0	114	75-125

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Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21
Sample Matrix:	Water	**Date Received:**	06/25/21
		Date Analyzed:	07/22/21
		Date Extracted:	07/6/21

Matrix Spike Summary
Dissolved Metals

Sample Name:	GR_GWC_15_013	**Units:**	ug/L
Lab Code:	K2107417-021	**Basis:**	NA
Analysis Method:	6020A		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2111990-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	188	249	50.0	122	75-125
Iron	117	173	50.0	112	75-125
Molybdenum	89.0	118	25.0	117	75-125

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21
Sample Matrix:	Water	**Date Received:**	06/25/21
		Date Analyzed:	07/22/21
		Date Extracted:	07/6/21

Matrix Spike Summary
Total Metals

Sample Name:	GR_GWC_15_109	**Units:**	ug/L
Lab Code:	K2107417-001	**Basis:**	NA
Analysis Method:	6020A		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2111987-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	50.1	100	50.0	101	75-125
Iron	3770	3820	50.0	99 #	75-125
Molybdenum	90.6	115	25.0	96	75-125

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Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Collected:**	06/22/21
Sample Matrix:	Water	**Date Received:**	06/25/21
		Date Analyzed:	07/22/21
		Date Extracted:	07/6/21

Matrix Spike Summary
Total Metals

Sample Name:	GR_GWC_15_013	**Units:**	ug/L
Lab Code:	K2107417-021	**Basis:**	NA
Analysis Method:	6020A		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2111989-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	238	286	50.0	96 #	75-125
Iron	406	450	50.0	89 #	75-125
Molybdenum	94.3	121	25.0	107	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Analyzed:**	07/22/21
Sample Matrix:	Water		

Lab Control Sample Summary
Dissolved Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2111988-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6020A	50.7	50.0	101	80-120
Iron	6020A	50.1	50.0	100	80-120
Molybdenum	6020A	25.4	25.0	102	80-120

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107417
Project:	Grumman Road MNR	**Date Analyzed:**	07/22/21
Sample Matrix:	Water		

Lab Control Sample Summary
Dissolved Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2111990-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6020A	49.5	50.0	99	80-120
Iron	6020A	49.0	50.0	98	80-120
Molybdenum	6020A	25.2	25.0	101	80-120

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QA/QC Report

Client: Anchor QEA, LLC
Project: Grumman Road MNR
Sample Matrix: Water

Service Request: K2107417
Date Analyzed: 07/22/21

Lab Control Sample Summary
Total Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2111987-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6020A	49.3	50.0	99	80-120
Iron	6020A	49.7	50.0	99	80-120
Molybdenum	6020A	25.9	25.0	103	80-120

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QA/QC Report

Client: Anchor QEA, LLC
Project: Grumman Road MNR
Sample Matrix: Water

Service Request: K2107417
Date Analyzed: 07/22/21

Lab Control Sample Summary
Total Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2111989-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6020A	50.1	50.0	100	80-120
Iron	6020A	50.1	50.0	100	80-120
Molybdenum	6020A	26.2	25.0	105	80-120

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Prep Summary Report

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR
Sample Matrix: Water

Metals

Prep Method: EPA CLP ILM04.0 **Extraction Lot:** 382303
Analytical Method: 6020A **Extraction Date:** 07/06/21 13:11

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Amount	Percent Solids
GR_GWC_15_109	K2107417-001	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_15_1109	K2107417-002	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_15_209	K2107417-003	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_15_1209	K2107417-004	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_20_109	K2107417-005	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_20_1109	K2107417-006	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_20_209	K2107417-007	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_20_1209	K2107417-008	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_15_009	K2107417-009	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_15_1009	K2107417-010	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_20_009	K2107417-011	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_20_1009	K2107417-012	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_15_113	K2107417-013	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_15_1113	K2107417-014	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_15_213	K2107417-015	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_15_1213	K2107417-016	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_20_113	K2107417-017	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_20_1113	K2107417-018	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_20_213	K2107417-019	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_20_1213	K2107417-020	6/22/21	6/25/21	10 mL	10 mL	
Method Blank	KQ2111988-01MB	NA	NA	10 mL	10 mL	
Lab Control Sample	KQ2111988-02LCS	NA	NA	10 mL	10.3 mL	
Duplicate	KQ2111988-03DUP	6/22/21	6/25/21	10 mL	10 mL	
Matrix Spike	KQ2111988-04MS	6/22/21	6/25/21	10 mL	10.3 mL	

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Prep Summary Report

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR
Sample Matrix: Water

Metals

Prep Method: EPA CLP ILM04.0 **Extraction Lot:** 382305
Analytical Method: 6020A **Extraction Date:** 07/06/21 13:11

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Amount	Percent Solids
GR_GWC_15_013	K2107417-021	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_15_1013	K2107417-022	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_20_013	K2107417-023	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_20_1013	K2107417-024	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_002	K2107417-025	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_15_105	K2107417-026	6/24/21	6/25/21	10 mL	10 mL	
GR_GWC_15_1105	K2107417-027	6/24/21	6/25/21	10 mL	10 mL	
GR_GWC_15_205	K2107417-028	6/24/21	6/25/21	10 mL	10 mL	
GR_GWC_15_1205	K2107417-029	6/24/21	6/25/21	10 mL	10 mL	
GR_GWC_20_105	K2107417-030	6/24/21	6/25/21	10 mL	10 mL	
GR_GWC_20_1105	K2107417-031	6/24/21	6/25/21	10 mL	10 mL	
GR_GWC_20_205	K2107417-032	6/24/21	6/25/21	10 mL	10 mL	
GR_GWC_20_1205	K2107417-033	6/24/21	6/25/21	10 mL	10 mL	
GR_GWC_15_005	K2107417-034	6/24/21	6/25/21	10 mL	10 mL	
GR_GWC_20_005	K2107417-035	6/24/21	6/25/21	10 mL	10 mL	
Method Blank	KQ2111990-01MB	NA	NA	10 mL	10 mL	
Lab Control Sample	KQ2111990-02LCS	NA	NA	10 mL	10.3 mL	
Duplicate	KQ2111990-03DUP	6/22/21	6/25/21	10 mL	10 mL	
Matrix Spike	KQ2111990-04MS	6/22/21	6/25/21	10 mL	10.3 mL	

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Prep Summary Report

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR
Sample Matrix: Water

Metals

Prep Method: EPA CLP ILM04.0 **Extraction Lot:** 382302
Analytical Method: 6020A **Extraction Date:** 07/06/21 12:47

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Amount	Percent Solids
GR_GWC_15_109	K2107417-001	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_15_1109	K2107417-002	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_15_209	K2107417-003	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_15_1209	K2107417-004	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_20_109	K2107417-005	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_20_1109	K2107417-006	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_20_209	K2107417-007	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_20_1209	K2107417-008	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_15_009	K2107417-009	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_15_1009	K2107417-010	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_20_009	K2107417-011	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_20_1009	K2107417-012	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_15_113	K2107417-013	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_15_1113	K2107417-014	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_15_213	K2107417-015	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_15_1213	K2107417-016	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_20_113	K2107417-017	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_20_1113	K2107417-018	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_20_213	K2107417-019	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_20_1213	K2107417-020	6/22/21	6/25/21	10 mL	10 mL	
Method Blank	KQ2111987-01MB	NA	NA	10 mL	10 mL	
Lab Control Sample	KQ2111987-02LCS	NA	NA	10 mL	10.3 mL	
Duplicate	KQ2111987-03DUP	6/22/21	6/25/21	10 mL	10 mL	
Matrix Spike	KQ2111987-04MS	6/22/21	6/25/21	10 mL	10.3 mL	

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Prep Summary Report

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR
Sample Matrix: Water

Metals

Prep Method: EPA CLP ILM04.0 **Extraction Lot:** 382304
Analytical Method: 6020A **Extraction Date:** 07/06/21 00:47

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Amount	Percent Solids
GR_GWC_15_013	K2107417-021	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_15_1013	K2107417-022	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_20_013	K2107417-023	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_20_1013	K2107417-024	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_002	K2107417-025	6/22/21	6/25/21	10 mL	10 mL	
GR_GWC_15_105	K2107417-026	6/24/21	6/25/21	10 mL	10 mL	
GR_GWC_15_1105	K2107417-027	6/24/21	6/25/21	10 mL	10 mL	
GR_GWC_15_205	K2107417-028	6/24/21	6/25/21	10 mL	10 mL	
GR_GWC_15_1205	K2107417-029	6/24/21	6/25/21	10 mL	10 mL	
GR_GWC_20_105	K2107417-030	6/24/21	6/25/21	10 mL	10 mL	
GR_GWC_20_1105	K2107417-031	6/24/21	6/25/21	10 mL	10 mL	
GR_GWC_20_205	K2107417-032	6/24/21	6/25/21	10 mL	10 mL	
GR_GWC_20_1205	K2107417-033	6/24/21	6/25/21	10 mL	10 mL	
GR_GWC_15_005	K2107417-034	6/24/21	6/25/21	10 mL	10 mL	
GR_GWC_20_005	K2107417-035	6/24/21	6/25/21	10 mL	10 mL	
Method Blank	KQ2111989-01MB	NA	NA	10 mL	10 mL	
Lab Control Sample	KQ2111989-02LCS	NA	NA	10 mL	10.3 mL	
Duplicate	KQ2111989-03DUP	6/22/21	6/25/21	10 mL	10 mL	
Matrix Spike	KQ2111989-04MS	6/22/21	6/25/21	10 mL	10.3 mL	

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits
ICV 07/22/21 18:05						
Arsenic	6020A	732369	23.5	25.0	94	90-110
Iron	6020A	732369	49.2	50.0	98	90-110
Molybdenum	6020A	732369	24.2	25.0	97	90-110
CCV 07/22/21 18:06						
Arsenic	6020A	732369	24.6	25.0	98	90-110
Iron	6020A	732369	248	250	99	90-110
Molybdenum	6020A	732369	12.5	12.5	100	90-110
CCV 07/22/21 18:24						
Arsenic	6020A	732369	25.5	25.0	102	90-110
Iron	6020A	732369	257	250	103	90-110
Molybdenum	6020A	732369	12.6	12.5	101	90-110
CCV 07/22/21 18:46						
Arsenic	6020A	732369	25.0	25.0	100	90-110
Iron	6020A	732369	246	250	98	90-110
Molybdenum	6020A	732369	12.9	12.5	103	90-110
CCV 07/22/21 19:11						
Arsenic	6020A	732369	24.5	25.0	98	90-110
Iron	6020A	732369	243	250	97	90-110
Molybdenum	6020A	732369	12.7	12.5	102	90-110
CCV 07/22/21 19:31						
Arsenic	6020A	732369	24.4	25.0	97	90-110
Iron	6020A	732369	245	250	98	90-110
Molybdenum	6020A	732369	12.9	12.5	103	90-110
CCV 07/22/21 20:02						
Arsenic	6020A	732369	24.9	25.0	100	90-110
Iron	6020A	732369	252	250	101	90-110
Molybdenum	6020A	732369	12.5	12.5	100	90-110
CCV 07/22/21 20:37						
Arsenic	6020A	732369	25.5	25.0	102	90-110
Iron	6020A	732369	256	250	102	90-110
Molybdenum	6020A	732369	12.5	12.5	100	90-110
CCV 07/22/21 21:17						
Arsenic	6020A	732369	25.4	25.0	102	90-110
Iron	6020A	732369	255	250	102	90-110
Molybdenum	6020A	732369	12.6	12.5	101	90-110

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits
CCV 07/22/21 21:52						
Arsenic	6020A	732369	25.0	25.0	100	90-110
Iron	6020A	732369	250	250	100	90-110
Molybdenum	6020A	732369	12.7	12.5	102	90-110
CCV 07/22/21 22:18						
Arsenic	6020A	732369	25.8	25.0	103	90-110
Iron	6020A	732369	258	250	103	90-110
Molybdenum	6020A	732369	12.9	12.5	103	90-110
CCV 07/22/21 22:58						
Arsenic	6020A	732369	25.6	25.0	103	90-110
Iron	6020A	732369	253	250	101	90-110
Molybdenum	6020A	732369	12.7	12.5	101	90-110
CCV 07/22/21 23:32						
Arsenic	6020A	732369	25.9	25.0	104	90-110
Iron	6020A	732369	256	250	102	90-110
Molybdenum	6020A	732369	12.5	12.5	100	90-110
CCV 07/22/21 23:55						
Arsenic	6020A	732369	25.4	25.0	102	90-110
Iron	6020A	732369	259	250	104	90-110
Molybdenum	6020A	732369	12.6	12.5	101	90-110
ICV 07/23/21 18:23						
Iron	6020A	732436	47.8	50.0	96	90-110
CCV 07/23/21 18:24						
Iron	6020A	732436	248	250	99	90-110
CCV 07/23/21 18:48						
Iron	6020A	732436	253	250	101	90-110

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR

INITIAL AND CONTINUING CALIBRATION BLANKS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	C
ICB 07/22/21 18:07				
Arsenic	6020A	732369	0.09	U
Iron	6020A	732369	0.3	U
Molybdenum	6020A	732369	0.03	U
CCB 07/22/21 18:09				
Arsenic	6020A	732369	0.09	U
Iron	6020A	732369	0.3	U
Molybdenum	6020A	732369	0.03	U
CCB 07/22/21 18:25				
Arsenic	6020A	732369	0.09	U
Iron	6020A	732369	1.2	J
Molybdenum	6020A	732369	0.03	U
CCB 07/22/21 18:50				
Arsenic	6020A	732369	0.09	U
Iron	6020A	732369	0.3	U
Molybdenum	6020A	732369	0.03	J
CCB 07/22/21 19:12				
Arsenic	6020A	732369	0.09	U
Iron	6020A	732369	1.4	J
Molybdenum	6020A	732369	0.03	U
CCB 07/22/21 19:32				
Arsenic	6020A	732369	0.09	U
Iron	6020A	732369	0.7	J
Molybdenum	6020A	732369	0.06	J
CCB 07/22/21 20:05				
Arsenic	6020A	732369	0.09	U
Iron	6020A	732369	0.4	J
Molybdenum	6020A	732369	0.03	U
CCB 07/22/21 20:40				
Arsenic	6020A	732369	0.09	U
Iron	6020A	732369	1.0	J
Molybdenum	6020A	732369	0.03	U
CCB 07/22/21 21:20				
Arsenic	6020A	732369	0.09	U
Iron	6020A	732369	0.5	J
Molybdenum	6020A	732369	0.03	U

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR

INITIAL AND CONTINUING CALIBRATION BLANKS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	C
CCB 07/22/21 21:55				
Arsenic	6020A	732369	0.09	U
Iron	6020A	732369	0.3	U
Molybdenum	6020A	732369	0.03	J
CCB 07/22/21 22:20				
Arsenic	6020A	732369	0.09	U
Iron	6020A	732369	0.8	J
Molybdenum	6020A	732369	0.03	U
CCB 07/22/21 23:01				
Arsenic	6020A	732369	0.09	U
Iron	6020A	732369	0.3	U
Molybdenum	6020A	732369	0.03	U
CCB 07/22/21 23:35				
Arsenic	6020A	732369	0.09	U
Iron	6020A	732369	0.3	U
Molybdenum	6020A	732369	0.03	U
CCB 07/22/21 23:58				
Arsenic	6020A	732369	0.09	U
Iron	6020A	732369	0.5	J
Molybdenum	6020A	732369	0.03	U
ICB 07/23/21 18:25				
Iron	6020A	732436	0.3	U
CCB 07/23/21 18:27				
Iron	6020A	732436	0.3	U
CCB 07/23/21 18:51				
Iron	6020A	732436	0.3	U

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR

LOW LEVEL INITIAL AND LOW LEVEL CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
LLICV							
Arsenic	6020A	732369	0.52	0.5	104	70-130	07/22/21 18:10
Iron	6020A	732369	2.0	2.0	100	70-130	07/22/21 18:10
Molybdenum	6020A	732369	0.10	0.1	104	70-130	07/22/21 18:10
LLCCV							
Arsenic	6020A	732369	0.52	0.5	104	70-130	07/22/21 18:27
Iron	6020A	732369	2.3	2.0	113	70-130	07/22/21 18:27
Molybdenum	6020A	732369	0.11	0.1	112	70-130	07/22/21 18:27
LLCCV							
Arsenic	6020A	732369	0.52	0.5	105	70-130	07/22/21 19:14
LLCCV							
Iron	6020A	732369	4.8	4.0	121	70-130	07/22/21 19:16
Molybdenum	6020A	732369	0.24	0.2	122	70-130	07/22/21 19:16
LLCCV							
Arsenic	6020A	732369	0.48	0.5	96	70-130	07/22/21 20:43
LLCCV							
Iron	6020A	732369	4.6	4.0	116	70-130	07/22/21 20:46
Molybdenum	6020A	732369	0.24	0.2	120	70-130	07/22/21 20:46
LLCCV							
Arsenic	6020A	732369	0.47	0.5	94	70-130	07/22/21 22:23
LLCCV							
Iron	6020A	732369	4.2	4.0	104	70-130	07/22/21 22:26
Molybdenum	6020A	732369	0.22	0.2	109	70-130	07/22/21 22:26
LLCCV							
Arsenic	6020A	732369	0.48	0.5	95	70-130	07/23/21 00:01
LLCCV							
Iron	6020A	732369	4.1	4.0	104	70-130	07/23/21 00:04
Molybdenum	6020A	732369	0.22	0.2	110	70-130	07/23/21 00:04
LLICV							
Iron	6020A	732436	2.1	2.0	103	70-130	07/23/21 18:28
LLCCV							
Iron	6020A	732436	2.0	2.0	98	70-130	07/23/21 18:53

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSA **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Arsenic	6020A	732369	0.21	-	-	-	07/22/21 18:12
Iron	6020A	732369	45100	-	-	-	07/22/21 18:12
Molybdenum	6020A	732369	50.7	-	-	-	07/22/21 18:12

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSAB **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Arsenic	6020A	732369	23.0	25.0	92	80-120	07/22/21 18:13
Iron	6020A	732369	46600	-	-	-	07/22/21 18:13
Molybdenum	6020A	732369	50.4	-	-	-	07/22/21 18:13

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSA **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Iron	6020A	732436	46500	-	-	-	07/23/21 18:30

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSAB **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Iron	6020A	732436	47600	-	-	-	07/23/21 18:31

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR

POST SPIKE SAMPLE RECOVERY

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Post Spike Result	True Value	% Rec	% Rec. Limits	Analysis Date
K2107417-001A								
Arsenic	6020A	732369	6.17	57.0	50.0	102	80-120	07/22/21 21:06
Iron	6020A	732369	87.4	155	50.0	135	80-120	07/22/21 21:06
Molybdenum	6020A	732369	85.0	155	50.0	139	80-120	07/22/21 21:06
Arsenic	6020A	732369	50.1	98.8	50.0	97	80-120	07/22/21 22:44
Iron	6020A	732369	3770	3850	50.0	147 #	80-120	07/22/21 22:44
Molybdenum	6020A	732369	90.6	138	50.0	94	80-120	07/22/21 22:44
K2107417-021A								
Arsenic	6020A	732369	188	244	50.0	111	80-120	07/22/21 18:39
Iron	6020A	732369	117	166	50.0	99	80-120	07/22/21 18:39
Molybdenum	6020A	732369	89.0	139	50.0	99	80-120	07/22/21 18:39
Arsenic	6020A	732369	238	256	50.0	35 #	80-120	07/22/21 19:37
Iron	6020A	732369	406	419	50.0	27 #	80-120	07/22/21 19:37
Molybdenum	6020A	732369	94.3	119	50.0	50	80-120	07/22/21 19:37

Results flagged with a pound (#) indicate the control criteria is not applicable.

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR

ICP SERIAL DILUTIONS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Serial Dillution Result	% Diff	% Diff. Limit	Analysis Date
K2107417-001SDL							
Arsenic	6020A	732369	6.2	6.3	3	10	07/22/21 21:03
Iron	6020A	732369	87	96	10	10	07/22/21 21:03
Molybdenum	6020A	732369	85.0	91.0	7	10	07/22/21 21:03
Arsenic	6020A	732369	50.1	49.5	1	10	07/22/21 22:41
Iron	6020A	732369	3770	3900	3	10	07/22/21 22:41
Molybdenum	6020A	732369	90.6	91.4	1	10	07/22/21 22:41
K2107417-021SDL							
Arsenic	6020A	732369	188	190	1	10	07/22/21 18:38
Iron	6020A	732369	117	116	1	10	07/22/21 18:38
Molybdenum	6020A	732369	89.0	88.0	1	10	07/22/21 18:38
Arsenic	6020A	732369	238	242	2	10	07/22/21 19:34
Iron	6020A	732369	406	414	2	10	07/22/21 19:34
Molybdenum	6020A	732369	94.3	91.1	3	10	07/22/21 19:34

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR/

Detection Limits

Instrument: K-ICP-MS-06 **Matrix:** Water

Analyte	Mass	Units	MRL	MDL	Method
Arsenic	75	ug/L	0.5	0.09	6020A
Iron	56	ug/L	4	0.3	6020A
Molybdenum	95	ug/L	0.2	0.03	6020A

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR/

ICP Linear Range (Quarterly)

Instrument: K-ICP-MS-06

Analyte	Concentration (ug/L)	Method
Arsenic 75	4500	6020A
Iron 56	45000	6020A
Molybdenum 95	4500	6020A

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732369**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
ZZZZZZ	1	07/22/21 18:02			
ZZZZZZ	1	07/22/21 18:03			
ICV	1	07/22/21 18:05	X	X	X
CCV	1	07/22/21 18:06	X	X	X
ICB	1	07/22/21 18:07	X	X	X
CCB	1	07/22/21 18:09	X	X	X
LLICVW	1	07/22/21 18:10	X	X	X
ICSA	1	07/22/21 18:12	X	X	X
ICSAB	1	07/22/21 18:13	X	X	X
ZZZZZZ	1	07/22/21 18:14			
ZZZZZZ	100	07/22/21 18:16			
ZZZZZZ	100	07/22/21 18:17			
ZZZZZZ	100	07/22/21 18:19			
ZZZZZZ	100	07/22/21 18:20			
ZZZZZZ	100	07/22/21 18:21			
ZZZZZZ	100	07/22/21 18:23			
CCV	1	07/22/21 18:24	X	X	X
CCB	1	07/22/21 18:25	X	X	X
LLCCVW	1	07/22/21 18:27	X	X	X
KQ2111990-01MB	1	07/22/21 18:32	X	X	X
KQ2111990-02LCS	1	07/22/21 18:34	X	X	X
K2107417-021	1	07/22/21 18:35	X	X	X
K2107417-021DUP	1	07/22/21 18:37	X	X	X
K2107417-021SDL	5	07/22/21 18:38	X	X	X
K2107417-021PS	1	07/22/21 18:39	X	X	X
K2107417-021MS	1	07/22/21 18:41	X	X	X
K2107417-022	1	07/22/21 18:42	X	X	X
K2107417-023	1	07/22/21 18:44	X	X	X
K2107417-024	1	07/22/21 18:45	X	X	X
CCV	1	07/22/21 18:46	X	X	X
ZZZZZZ	1	07/22/21 18:48			
CCB	1	07/22/21 18:50	X	X	X
K2107417-025	1	07/22/21 18:52	X	X	X
K2107417-034	1	07/22/21 18:53	X	X	X
K2107417-035	1	07/22/21 18:54	X	X	X
K2107417-026	10	07/22/21 18:56	X	X	X
K2107417-027	10	07/22/21 18:57	X	X	X

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732369**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
K2107417-028	10	07/22/21 18:59	X		X
K2107417-029	10	07/22/21 19:00	X		X
K2107417-030	10	07/22/21 19:01	X	X	X
K2107417-031	10	07/22/21 19:03	X	X	X
K2107417-032	10	07/22/21 19:04	X		X
ZZZZZZ	1	07/22/21 19:05			
CCV	1	07/22/21 19:11	X	X	X
CCB	1	07/22/21 19:12	X	X	X
LLCCVW	1	07/22/21 19:14	X		
LLCCVW 2X	1	07/22/21 19:16		X	X
K2107417-033	10	07/22/21 19:17	X		X
K2107417-028	100	07/22/21 19:18		X	
K2107417-029	100	07/22/21 19:20		X	
K2107417-032	100	07/22/21 19:21		X	
K2107417-033	100	07/22/21 19:23		X	
ZZZZZZ	1	07/22/21 19:24			
KQ2111989-01MB	1	07/22/21 19:25	X	X	X
KQ2111989-02LCS	1	07/22/21 19:27	X	X	X
K2107417-021	1	07/22/21 19:28	X	X	X
K2107417-021DUP	1	07/22/21 19:29	X	X	X
CCV	1	07/22/21 19:31	X	X	X
CCB	1	07/22/21 19:32	X	X	X
K2107417-021SDL	5	07/22/21 19:34	X	X	X
K2107417-021PS	1	07/22/21 19:37	X	X	X
K2107417-021MS	1	07/22/21 19:39	X	X	X
K2107417-022	1	07/22/21 19:42	X	X	X
K2107417-023	1	07/22/21 19:45	X	X	X
K2107417-024	1	07/22/21 19:48	X	X	X
K2107417-025	1	07/22/21 19:51	X	X	X
K2107417-034	1	07/22/21 19:54	X	X	X
K2107417-035	1	07/22/21 19:57	X	X	X
K2107417-026	10	07/22/21 19:59	X	X	X
CCV	1	07/22/21 20:02	X	X	X
CCB	1	07/22/21 20:05	X	X	X
K2107417-027	10	07/22/21 20:08	X	X	X
K2107417-028	10	07/22/21 20:11	X		X
K2107417-029	10	07/22/21 20:14	X		X

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732369**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
K2107417-030	10	07/22/21 20:17	X	X	X
K2107417-031	10	07/22/21 20:20	X	X	X
K2107417-032	10	07/22/21 20:23	X		X
K2107417-033	10	07/22/21 20:25	X		X
K2107417-028	100	07/22/21 20:28		X	
K2107417-029	100	07/22/21 20:31		X	
K2107417-032	100	07/22/21 20:34		X	
CCV	1	07/22/21 20:37	X	X	X
CCB	1	07/22/21 20:40	X	X	X
LLCCVW	1	07/22/21 20:43	X		
LLCCVW 2X	1	07/22/21 20:46		X	X
K2107417-033	100	07/22/21 20:49		X	
KQ2111988-01MB	1	07/22/21 20:51	X	X	X
KQ2111988-02LCS	1	07/22/21 20:54	X	X	X
K2107417-001	1	07/22/21 20:57	X	X	X
K2107417-001DUP	1	07/22/21 21:00	X	X	X
K2107417-001SDL	5	07/22/21 21:03	X	X	X
K2107417-001PS	1	07/22/21 21:06	X	X	X
K2107417-001MS	1	07/22/21 21:09	X	X	X
K2107417-002	1	07/22/21 21:12	X	X	X
K2107417-003	1	07/22/21 21:14	X	X	X
CCV	1	07/22/21 21:17	X	X	X
CCB	1	07/22/21 21:20	X	X	X
K2107417-004	1	07/22/21 21:23	X	X	X
K2107417-005	1	07/22/21 21:26	X	X	X
K2107417-006	1	07/22/21 21:29	X	X	X
K2107417-007.R01	1	07/22/21 21:32	X		X
K2107417-008.R01	1	07/22/21 21:35	X		X
K2107417-009	1	07/22/21 21:37	X	X	X
K2107417-010	1	07/22/21 21:40	X	X	X
K2107417-011	1	07/22/21 21:43	X	X	X
K2107417-012	1	07/22/21 21:46	X	X	X
K2107417-013	1	07/22/21 21:49	X	X	X
CCV	1	07/22/21 21:52	X	X	X
CCB	1	07/22/21 21:55	X	X	X
K2107417-014	1	07/22/21 21:58	X	X	X
K2107417-015.R01	1	07/22/21 22:00	X	X	X

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732369**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
K2107417-016.R01	1	07/22/21 22:03	X	X	X
K2107417-017	1	07/22/21 22:06	X	X	X
K2107417-018	1	07/22/21 22:09	X	X	X
K2107417-019.R01	1	07/22/21 22:12	X		X
K2107417-020.R01	1	07/22/21 22:15	X		X
CCV	1	07/22/21 22:18	X	X	X
CCB	1	07/22/21 22:20	X	X	X
LLCCVW	1	07/22/21 22:23	X		
LLCCVW 2X	1	07/22/21 22:26		X	X
KQ2111987-01MB	1	07/22/21 22:29	X	X	X
KQ2111987-02LCS	1	07/22/21 22:32	X	X	X
K2107417-001	1	07/22/21 22:35	X	X	X
K2107417-001DUP	1	07/22/21 22:38	X	X	X
K2107417-001SDL	5	07/22/21 22:41	X	X	X
K2107417-001PS	1	07/22/21 22:44	X	X	X
K2107417-001MS	1	07/22/21 22:46	X	X	X
K2107417-002	1	07/22/21 22:49	X	X	X
K2107417-003	1	07/22/21 22:52	X	X	X
K2107417-004	1	07/22/21 22:55	X	X	X
CCV	1	07/22/21 22:58	X	X	X
CCB	1	07/22/21 23:01	X	X	X
K2107417-005	1	07/22/21 23:04	X	X	X
K2107417-006	1	07/22/21 23:07	X	X	X
K2107417-007.R01	1	07/22/21 23:09	X		X
K2107417-008.R01	1	07/22/21 23:12	X		X
K2107417-009	1	07/22/21 23:15	X	X	X
K2107417-010	1	07/22/21 23:18	X	X	X
K2107417-011	1	07/22/21 23:21	X	X	X
K2107417-012	1	07/22/21 23:24	X	X	X
K2107417-013	1	07/22/21 23:27	X	X	X
K2107417-014	1	07/22/21 23:29	X	X	X
CCV	1	07/22/21 23:32	X	X	X
CCB	1	07/22/21 23:35	X	X	X
K2107417-015	1	07/22/21 23:38	X		X
K2107417-016	1	07/22/21 23:41	X		X
K2107417-017	1	07/22/21 23:44	X	X	X
K2107417-018	1	07/22/21 23:47	X	X	X

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QA/QC Report

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732369**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
K2107417-019.R01	1	07/22/21 23:50	X		X
K2107417-020.R01	1	07/22/21 23:52	X		X
CCV	1	07/22/21 23:55	X	X	X
CCB	1	07/22/21 23:58	X	X	X
LLCCVW	1	07/23/21 00:01	X		
LLCCVW 2X	1	07/23/21 00:04		X	X

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Dilution Factor	Date/Time	Fe
ZZZZZZ	1	07/23/21 18:20	
ZZZZZZ	1	07/23/21 18:21	
ICV	1	07/23/21 18:23	X
CCV	1	07/23/21 18:24	X
ICB	1	07/23/21 18:25	X
CCB	1	07/23/21 18:27	X
LLICVW	1	07/23/21 18:28	X
ICSA	1	07/23/21 18:30	X
ICSAB	1	07/23/21 18:31	X
ZZZZZZ	1	07/23/21 18:32	
K2107417-007	10	07/23/21 18:34	X
K2107417-008	10	07/23/21 18:35	X
K2107417-019	10	07/23/21 18:37	X
K2107417-020	10	07/23/21 18:38	X
K2107417-007	10	07/23/21 18:39	X
K2107417-008	10	07/23/21 18:41	X
K2107417-015	10	07/23/21 18:42	X
K2107417-016	10	07/23/21 18:43	X
K2107417-019	10	07/23/21 18:45	X
K2107417-020	10	07/23/21 18:46	X
CCV	1	07/23/21 18:48	X
ZZZZZZ	1	07/23/21 18:49	
CCB	1	07/23/21 18:51	X
LLCCVW	1	07/23/21 18:53	X
ZZZZZZ	1	07/23/21 18:55	
ZZZZZZ	10	07/23/21 18:56	
ZZZZZZ	10	07/23/21 18:58	
ZZZZZZ	10	07/23/21 19:00	
ZZZZZZ	10	07/23/21 19:02	
ZZZZZZ	1	07/23/21 19:04	
ZZZZZZ	1	07/23/21 19:06	
ZZZZZZ	1	07/23/21 19:08	
ZZZZZZ	1	07/23/21 19:10	
ZZZZZZ	1	07/23/21 19:11	
ZZZZZZ	1	07/23/21 19:13	
ZZZZZZ	5	07/23/21 19:15	
ZZZZZZ	1	07/23/21 19:17	

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732369**

Sample	Date/Time	Ge72He	In115He
ZZZZZZ	07/22/21 18:02		
ZZZZZZ	07/22/21 18:03		
ICV	07/22/21 18:05	97	98
CCV	07/22/21 18:06	98	97
ICB	07/22/21 18:07	99	98
CCB	07/22/21 18:09	97	98
LLICVW	07/22/21 18:10	98	97
ICSA	07/22/21 18:12	93	90
ICSAB	07/22/21 18:13	89	89
ZZZZZZ	07/22/21 18:14		
ZZZZZZ	07/22/21 18:16		
ZZZZZZ	07/22/21 18:17		
ZZZZZZ	07/22/21 18:19		
ZZZZZZ	07/22/21 18:20		
ZZZZZZ	07/22/21 18:21		
ZZZZZZ	07/22/21 18:23		
CCV	07/22/21 18:24	94	97
CCB	07/22/21 18:25	97	97
LLCCVW	07/22/21 18:27	98	98
KQ2111990-01MB	07/22/21 18:32	98	98
KQ2111990-02LCS	07/22/21 18:34	98	98
K2107417-021	07/22/21 18:35	101	98
K2107417-021DUP	07/22/21 18:37	100	100
K2107417-021SDL	07/22/21 18:38	102	102
K2107417-021PS	07/22/21 18:39	98	97
K2107417-021MS	07/22/21 18:41	100	100
K2107417-022	07/22/21 18:42	101	99
K2107417-023	07/22/21 18:44	95	95
K2107417-024	07/22/21 18:45	100	97
CCV	07/22/21 18:46	107	105
ZZZZZZ	07/22/21 18:48		
CCB	07/22/21 18:50	102	102
K2107417-025	07/22/21 18:52	105	103
K2107417-034	07/22/21 18:53	102	100
K2107417-035	07/22/21 18:54	94	94
K2107417-026	07/22/21 18:56	102	100
K2107417-027	07/22/21 18:57	99	100

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732369**

Sample	Date/Time	Ge72He	In115He
K2107417-028	07/22/21 18:59	96	95
K2107417-029	07/22/21 19:00	94	96
K2107417-030	07/22/21 19:01	94	95
K2107417-031	07/22/21 19:03	97	97
K2107417-032	07/22/21 19:04	96	96
ZZZZZZ	07/22/21 19:05		
CCV	07/22/21 19:11	101	99
CCB	07/22/21 19:12	101	98
LLCCVW	07/22/21 19:14	99	97
LLCCVW 2X	07/22/21 19:16	99	98
K2107417-033	07/22/21 19:17	96	95
K2107417-028	07/22/21 19:18	95	96
K2107417-029	07/22/21 19:20	98	97
K2107417-032	07/22/21 19:21	97	97
K2107417-033	07/22/21 19:23	95	97
ZZZZZZ	07/22/21 19:24		
KQ2111989-01MB	07/22/21 19:25	98	96
KQ2111989-02LCS	07/22/21 19:27	96	96
K2107417-021	07/22/21 19:28	96	93
K2107417-021DUP	07/22/21 19:29	99	96
CCV	07/22/21 19:31	101	98
CCB	07/22/21 19:32	98	97
K2107417-021SDL	07/22/21 19:34	97	98
K2107417-021PS	07/22/21 19:37	98	95
K2107417-021MS	07/22/21 19:39	98	95
K2107417-022	07/22/21 19:42	96	95
K2107417-023	07/22/21 19:45	92	90
K2107417-024	07/22/21 19:48	94	92
K2107417-025	07/22/21 19:51	99	100
K2107417-034	07/22/21 19:54	90	90
K2107417-035	07/22/21 19:57	84	84
K2107417-026	07/22/21 19:59	93	95
CCV	07/22/21 20:02	92	93
CCB	07/22/21 20:05	91	92
K2107417-027	07/22/21 20:08	91	92
K2107417-028	07/22/21 20:11	89	89
K2107417-029	07/22/21 20:14	89	89

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732369**

Sample	Date/Time	Ge72He	In115He
K2107417-030	07/22/21 20:17	88	91
K2107417-031	07/22/21 20:20	91	92
K2107417-032	07/22/21 20:23	87	89
K2107417-033	07/22/21 20:25	90	89
K2107417-028	07/22/21 20:28	91	93
K2107417-029	07/22/21 20:31	88	91
K2107417-032	07/22/21 20:34	90	91
CCV	07/22/21 20:37	91	92
CCB	07/22/21 20:40	91	91
LLCCVW	07/22/21 20:43	93	92
LLCCVW 2X	07/22/21 20:46	91	92
K2107417-033	07/22/21 20:49	90	92
KQ2111988-01MB	07/22/21 20:51	90	91
KQ2111988-02LCS	07/22/21 20:54	89	91
K2107417-001	07/22/21 20:57	93	93
K2107417-001DUP	07/22/21 21:00	92	92
K2107417-001SDL	07/22/21 21:03	93	93
K2107417-001PS	07/22/21 21:06	88	89
K2107417-001MS	07/22/21 21:09	89	89
K2107417-002	07/22/21 21:12	90	89
K2107417-003	07/22/21 21:14	84	84
CCV	07/22/21 21:17	88	90
CCB	07/22/21 21:20	89	90
K2107417-004	07/22/21 21:23	83	86
K2107417-005	07/22/21 21:26	85	86
K2107417-006	07/22/21 21:29	87	86
K2107417-007.R01	07/22/21 21:32	80	82
K2107417-008.R01	07/22/21 21:35	81	82
K2107417-009	07/22/21 21:37	92	92
K2107417-010	07/22/21 21:40	94	92
K2107417-011	07/22/21 21:43	90	89
K2107417-012	07/22/21 21:46	87	88
K2107417-013	07/22/21 21:49	94	94
CCV	07/22/21 21:52	94	94
CCB	07/22/21 21:55	91	93
K2107417-014	07/22/21 21:58	91	91
K2107417-015.R01	07/22/21 22:00	84	84

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732369**

Sample	Date/Time	Ge72He	In115He
K2107417-016.R01	07/22/21 22:03	85	86
K2107417-017	07/22/21 22:06	83	85
K2107417-018	07/22/21 22:09	85	85
K2107417-019.R01	07/22/21 22:12	81	80
K2107417-020.R01	07/22/21 22:15	81	81
CCV	07/22/21 22:18	91	91
CCB	07/22/21 22:20	90	91
LLCCVW	07/22/21 22:23	90	92
LLCCVW 2X	07/22/21 22:26	90	91
KQ2111987-01MB	07/22/21 22:29	92	92
KQ2111987-02LCS	07/22/21 22:32	91	91
K2107417-001	07/22/21 22:35	89	88
K2107417-001DUP	07/22/21 22:38	87	88
K2107417-001SDL	07/22/21 22:41	90	89
K2107417-001PS	07/22/21 22:44	88	89
K2107417-001MS	07/22/21 22:46	85	87
K2107417-002	07/22/21 22:49	86	86
K2107417-003	07/22/21 22:52	81	83
K2107417-004	07/22/21 22:55	82	83
CCV	07/22/21 22:58	88	89
CCB	07/22/21 23:01	87	90
K2107417-005	07/22/21 23:04	83	83
K2107417-006	07/22/21 23:07	84	84
K2107417-007.R01	07/22/21 23:09	80	80
K2107417-008.R01	07/22/21 23:12	79	80
K2107417-009	07/22/21 23:15	92	90
K2107417-010	07/22/21 23:18	89	89
K2107417-011	07/22/21 23:21	85	84
K2107417-012	07/22/21 23:24	85	85
K2107417-013	07/22/21 23:27	89	90
K2107417-014	07/22/21 23:29	87	87
CCV	07/22/21 23:32	89	90
CCB	07/22/21 23:35	86	88
K2107417-015	07/22/21 23:38	78	80
K2107417-016	07/22/21 23:41	80	81
K2107417-017	07/22/21 23:44	80	81
K2107417-018	07/22/21 23:47	84	83

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732369**

Sample	Date/Time	Ge72He	In115He
K2107417-019.R01	07/22/21 23:50	82	81
K2107417-020.R01	07/22/21 23:52	82	81
CCV	07/22/21 23:55	92	93
CCB	07/22/21 23:58	90	92
LLCCVW	07/23/21 00:01	90	90
LLCCVW 2X	07/23/21 00:04	91	90

Client: Anchor QEA, LLC **Service Request:** K2107417
Project: Grumman Road MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **732436**

Sample	Date/Time	Ge72He	In115He
ZZZZZZ	07/23/21 18:20		
ZZZZZZ	07/23/21 18:21		
ICV	07/23/21 18:23	102	100
CCV	07/23/21 18:24	98	99
ICB	07/23/21 18:25	101	100
CCB	07/23/21 18:27	98	100
LLICVW	07/23/21 18:28	99	100
ICSA	07/23/21 18:30	95	93
ICSAB	07/23/21 18:31	91	94
ZZZZZZ	07/23/21 18:32		
K2107417-007	07/23/21 18:34	99	97
K2107417-008	07/23/21 18:35	98	97
K2107417-019	07/23/21 18:37	98	97
K2107417-020	07/23/21 18:38	98	98
K2107417-007	07/23/21 18:39	99	99
K2107417-008	07/23/21 18:41	98	99
K2107417-015	07/23/21 18:42	98	98
K2107417-016	07/23/21 18:43	100	99
K2107417-019	07/23/21 18:45	97	97
K2107417-020	07/23/21 18:46	99	98
CCV	07/23/21 18:48	98	100
ZZZZZZ	07/23/21 18:49		
CCB	07/23/21 18:51	99	100
LLCCVW	07/23/21 18:53	102	100
ZZZZZZ	07/23/21 18:55		
ZZZZZZ	07/23/21 18:56		
ZZZZZZ	07/23/21 18:58		
ZZZZZZ	07/23/21 19:00		
ZZZZZZ	07/23/21 19:02		
ZZZZZZ	07/23/21 19:04		
ZZZZZZ	07/23/21 19:06		
ZZZZZZ	07/23/21 19:08		
ZZZZZZ	07/23/21 19:10		
ZZZZZZ	07/23/21 19:11		
ZZZZZZ	07/23/21 19:13		
ZZZZZZ	07/23/21 19:15		
ZZZZZZ	07/23/21 19:17		

Raw Data

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
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General Chemistry

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
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Yes No N/A

Comments

1. Holding time met for all samples analyzed?
2. Are blanks free of target analytes?
3. Were peaks properly integrated?
   a. Does SOP allow manual integration?
4. Are retention times correct?
5. Are quantitations correct?
   a. Method Blank, LCS, LCSD, MS, MSD, Duplicate, and Standards analyzed at the proper frequency?
   b. Are LCS and LCSD recoveries acceptable (80-120%)?
   c. Are results for Method Blank < MDL?
   d. Are all QC samples with acceptable recoveries? (LCS, LCSD, MS, MSD, Dup, Duplicate RPD acceptable)
   e. Are all calibrations acceptable?
6. Are all samples above RL correctly?

LAB Standard Operation Codes for ANC Inorganic Laboratory Analyses

01 Sample was analyzed past the recommended holding time. See ANC Comments sheet.
02 Sample was analyzed past holding time. Data qualifiers were assigned with respect to recommended holding time.
03 Sample was received past the recommended holding time.
04 Sample RPD is beyond the QC limit. Sample was re-analyzed and RPD still beyond the method acceptance limit.
05 MRL is elevated because of matrix interference and the sample required diluting.
06 Sample failed primary QC analysis.

LCS	ALS Dwg# GEN 02-	4°C	Expires [illegible]
Fluoride	True Value=5.0ppm		10K ALS Dwg# GEN 02-[illegible]
Chloride	True Value=5.0ppm		10K ALS Dwg# GEN 02-[illegible]
Nitrite	True Value=5.0ppm		10K ALS Dwg# GEN 02-[illegible]
Bromide	True Value=5.0ppm		10K ALS Dwg# GEN 02-[illegible]
Nitrate	True Value=5.0ppm		10K ALS Dwg# GEN 02-[illegible]
Sulfate	True Value=5.0ppm		10K ALS Dwg# GEN 02-[illegible]

CCV	ALS Dwg# GEN 02-	4°C	Expires [illegible]
Fluoride	True Value=5.0ppm		10K ALS Dwg# GEN 02-[illegible]
Chloride	True Value=5.0ppm		10K ALS Dwg# GEN 02-[illegible]
Nitrite	True Value=5.0ppm		10K ALS Dwg# GEN 02-[illegible]
Bromide	True Value=5.0ppm		10K ALS Dwg# GEN 02-[illegible]
Nitrate	True Value=5.0ppm		10K ALS Dwg# GEN 02-[illegible]
Sulfate	True Value=5.0ppm		10K ALS Dwg# GEN 02-[illegible]

Stds			
DIW Blank	ALS Dwg# GEN 02-	4°C	Expires [illegible]
Fluoride	10K ALS Dwg# GEN 02-[illegible]		
Chloride	10K ALS Dwg# GEN 02-[illegible]		
Nitrite	10K ALS Dwg# GEN 02-[illegible]		
Bromide	10K ALS Dwg# GEN 02-[illegible]		
Nitrate	10K ALS Dwg# GEN 02-[illegible]		
Sulfate	10K ALS Dwg# GEN 02-[illegible]		

Procedure

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	

Analyst AB Date [illegible]

Final Review AB Date [illegible]

Final Review [illegible] Date [illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Test Code: [illegible]

Lab Code	Parent Analytes	QC	Parent Samples	Matrix	Raw Result	Sample Amt	Final Result	DF	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Rev
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
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[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
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[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
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[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
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[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
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[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
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Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Textcode: [illegible]

Lab Code	Parent Sample	QC	Parent Sample	Matrix	Raw Result	Sample Adj.	Final Result	DF	MDL	PQL	% Rec	% RSD	Date Analyzed	QC	Test
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Analytical Results Summary

Department Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method/Instrument: [illegible]

Lab Code	Target Analyte	MS	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	RD	MDL	RQL	Qu Flag	Qu Rsn	Date Analyzed	QC?	Dec
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[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
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[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
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[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
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[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]

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Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Template: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DF	MDL	PQL	Qualifier	% Recov	Date Analyzed	Start	Dur
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Owner [illegible]
Title
Description [illegible]
Location [illegible]
Timestamp [illegible]
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Last Update [illegible]

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4	[illegible]	Standard	4	[illegible]	[illegible]	300.0
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6	[illegible]	Standard	6	[illegible]	[illegible]	300.0
7	[illegible]	Standard	7	[illegible]	[illegible]	300.0
8	[illegible]	Standard	8	[illegible]	[illegible]	300.0
9	[illegible]	Unknown	46	[illegible]	[illegible]	300.0
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13	[illegible]	Unknown	2	[illegible]	[illegible]	300.0
14	[illegible]	Unknown	4	[illegible]	[illegible]	300.0
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31	[illegible]	Unknown	19	[illegible]	[illegible]	300.0
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33	[illegible]	Unknown	46	[illegible]	[illegible]	300.0
34	[illegible]	Unknown	47	[illegible]	[illegible]	300.0
35	[illegible]	Unknown	21	[illegible]	[illegible]	300.0
36	[illegible]	Unknown	22	[illegible]	[illegible]	300.0
37	[illegible]	Unknown	2	[illegible]	[illegible]	300.0
38	[illegible]	Unknown	1	[illegible]	[illegible]	300.0
39	[illegible]	Unknown	23	[illegible]	[illegible]	300.0
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Timeframe [illegible]
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3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	
10	[illegible]	[illegible]	[illegible]	[illegible]	
11	[illegible]	[illegible]	[illegible]	[illegible]	
12	[illegible]	[illegible]	[illegible]	[illegible]	
13	[illegible]	[illegible]	[illegible]	[illegible]	
14	[illegible]	[illegible]	[illegible]	[illegible]	
15	[illegible]	[illegible]	[illegible]	[illegible]	
16	[illegible]	[illegible]	[illegible]	[illegible]	
17	[illegible]	[illegible]	[illegible]	[illegible]	
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19	[illegible]	[illegible]	[illegible]	[illegible]	
20	[illegible]	[illegible]	[illegible]	[illegible]	
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22	[illegible]	[illegible]	[illegible]	[illegible]	
23	[illegible]	[illegible]	[illegible]	[illegible]	
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25	[illegible]	[illegible]	[illegible]	[illegible]	
26	[illegible]	[illegible]	[illegible]	[illegible]	
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28	[illegible]	[illegible]	[illegible]	[illegible]	
29	[illegible]	[illegible]	[illegible]	[illegible]	
30	[illegible]	[illegible]	[illegible]	[illegible]	
31	[illegible]	[illegible]	[illegible]	[illegible]	
32	[illegible]	[illegible]	[illegible]	[illegible]	
33	[illegible]	[illegible]	[illegible]	[illegible]	
34	[illegible]	[illegible]	[illegible]	[illegible]	
35	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
36	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
37	[illegible]	[illegible]	[illegible]	[illegible]	
38	[illegible]	[illegible]	[illegible]	[illegible]	
39	[illegible]	[illegible]	[illegible]	[illegible]	
40	[illegible]	[illegible]	[illegible]	[illegible]	
41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
42	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Sequence [illegible]
Operator [illegible]
Type
Datasource ACCUFIT [illegible]
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46	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]
47	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]
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54	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]
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57	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]
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79	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]
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81	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]
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83	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]
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File
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Location [illegible]
Timebase [illegible] Dumped [illegible]
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46	[illegible]	Finished	[illegible] 3:10:50 AM	1.0000	
47	[illegible]	Finished	[illegible] 3:22:41 AM	20.0000	RESUN COB
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74	[illegible]	Finished	[illegible] [illegible] PM	20.0000	HA FOR SCH
75	[illegible]	Finished	[illegible] [illegible] PM	20.0000	HA FOR SCH
76	[illegible]	Finished	[illegible] [illegible] PM	20.0000	HA FOR SCH
77	[illegible]	Finished	[illegible] [illegible] PM	20.0000	HA FOR SCH
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[illegible]	[illegible]	[illegible]	[illegible]

No.	Name	Type	[illegible]	[illegible]	Program	Memo
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

Sample Number	Client/Matrix/Type	Anion	1st Dil.	2nd Dil.	Recovery	Comp
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				

Service Requested	Chemistries/Tier	Anion	1st Dil	2nd Dil	Recovery	Done
		F Cl NO2 Br NO3 PO4				X
		F Cl NO2 Br NO3 PO4				X
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 PO4				X
		F Cl NO2 Br PO4 SO4				X
		F Cl SO4 Br NO3 PO4				X
		F Cl NO2 Br NO3 SO4				X
		F Cl PO4 Br NO3 SO4				X
		F Cl NO2 Br NO3 SO4				X

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Sample Number	Client/Matrix/Date	Anion	1st Dil	2nd Dil	Analyst	Comp
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				

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Sequence

Date

Page 4

Service Request	Client/Project/Test	Analyte	Test Date	Zero Date	Recovery	Dose
		F				
		Cl				
		NO2				
		Br				
		NO3				
		PO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		PO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		PO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		PO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		PO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		PO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		PO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		PO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		PO4				

R:\WET\ANALYSES\CHROM\CVC [illegible]

Sequence

Service Request	Event/Action/Time	Analyte	1st Det	2nd Det	Recovery	Done
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				

[illegible]

[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

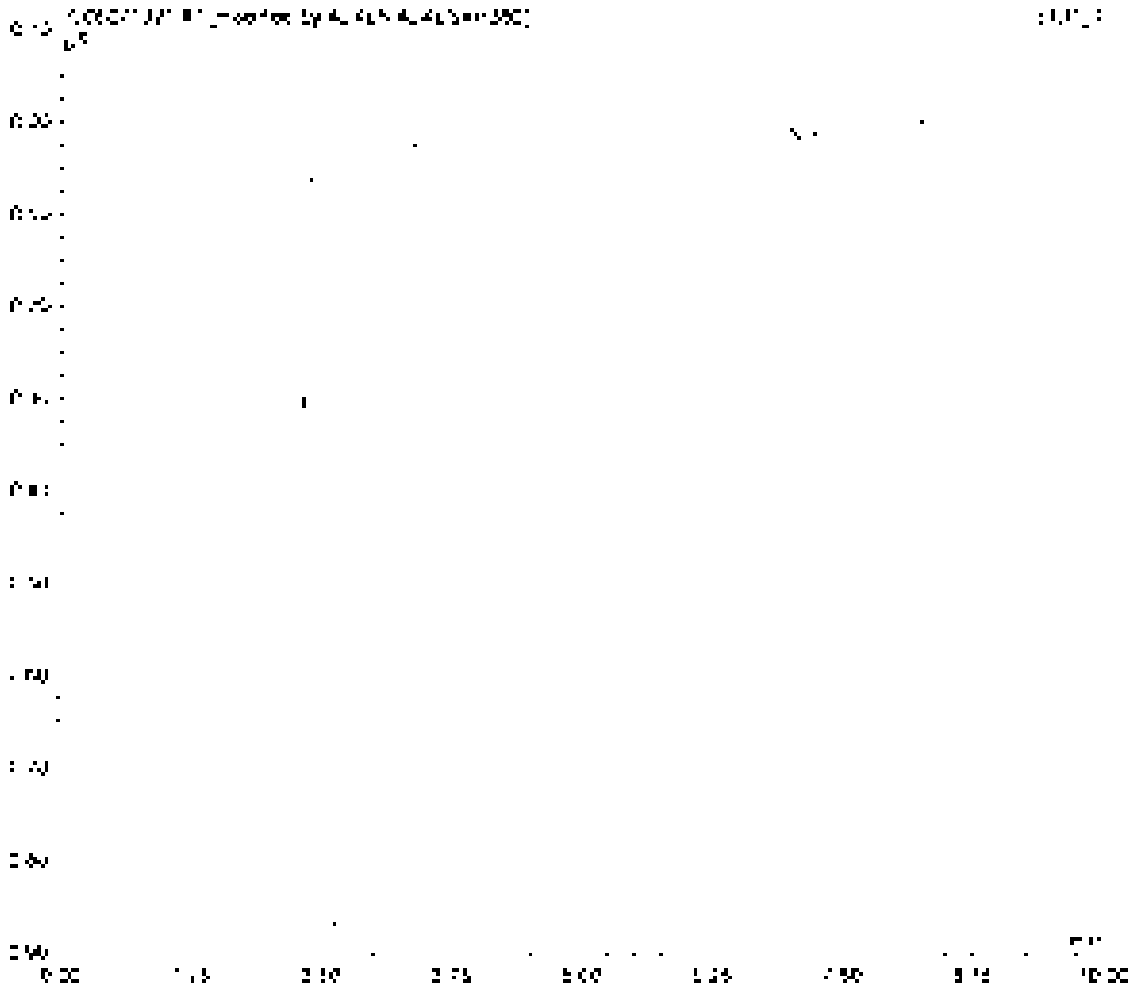
[illegible]

[illegible]

[illegible]

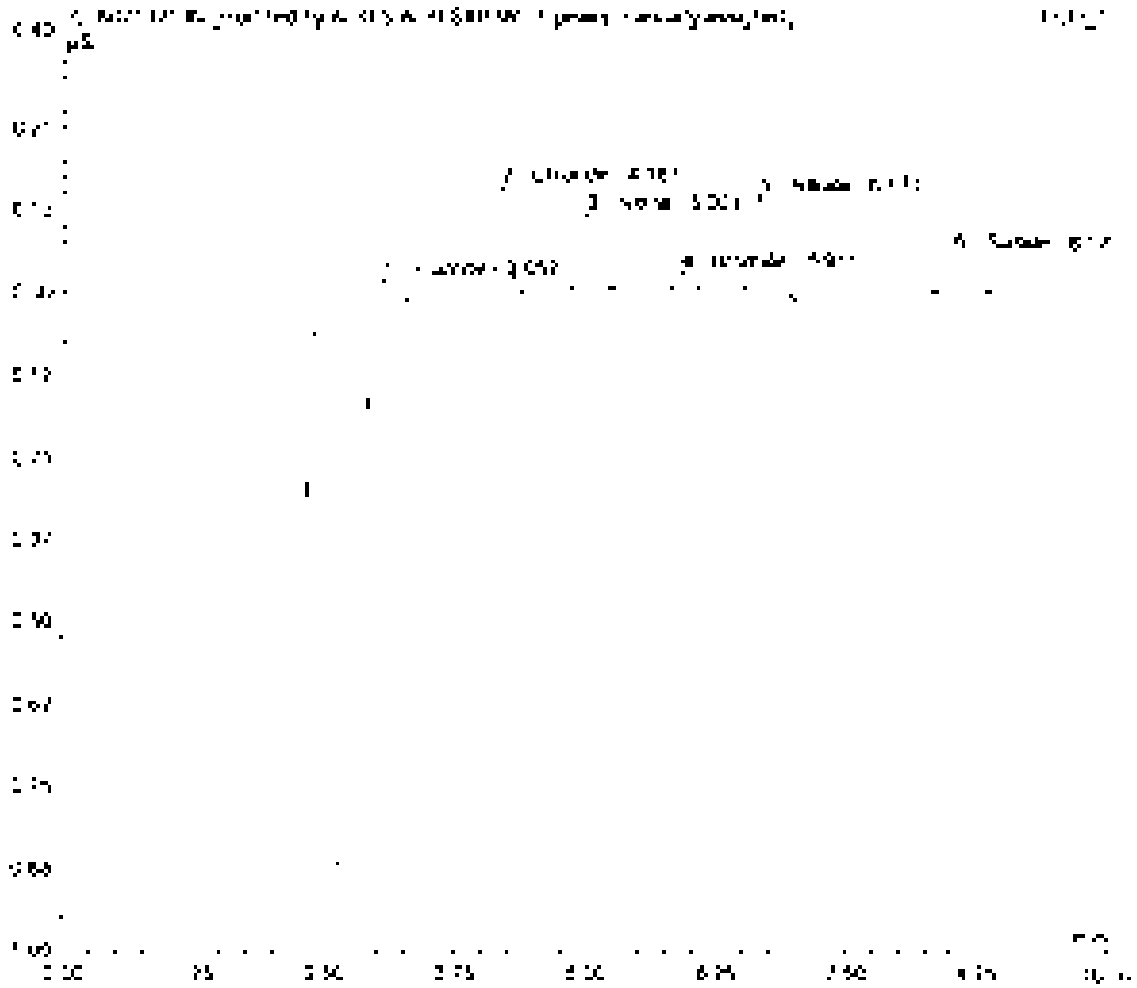
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	standard	Dilution Factor	1.0000
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	13/07/21 [illegible]	Run Time	[illegible]

No	Time min	Peak name	Type	Area µV*min	Height µV	Amount
		Total		[illegible]	[illegible]	[illegible]



Sample Name	STD0ALK3	Injection	25.0
Sample Type	standard	Dilution Factor	1.0000
Program	300 Sc	Operator	n/a
Inj Date/Time	13/07/21 09:28	Acq Type	10.00

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	BMM*	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	BMM*	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	BMM*	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	BMM*	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	BMM*	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	BMM*	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



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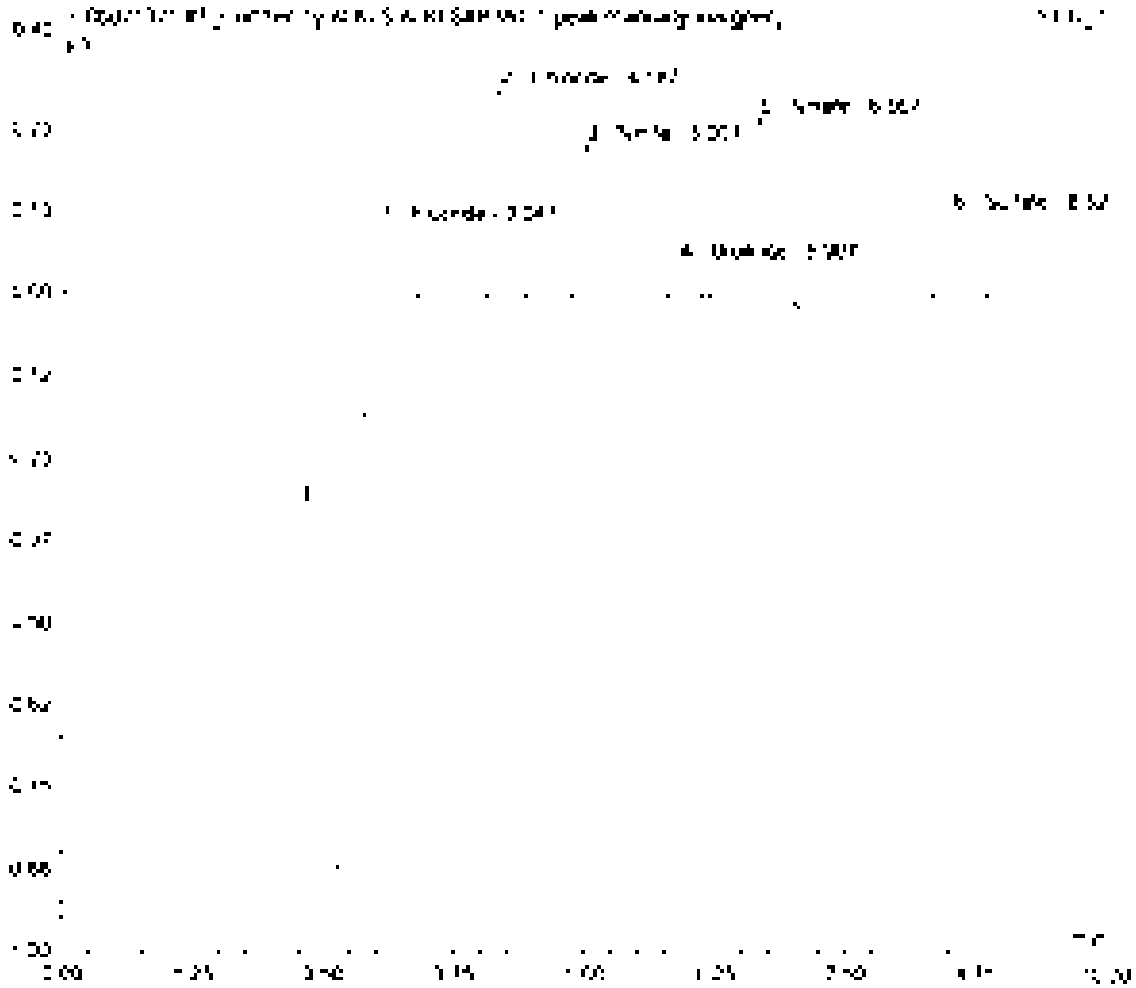
Version: 6.80.SR1.0 Build 2818 (Thursday)

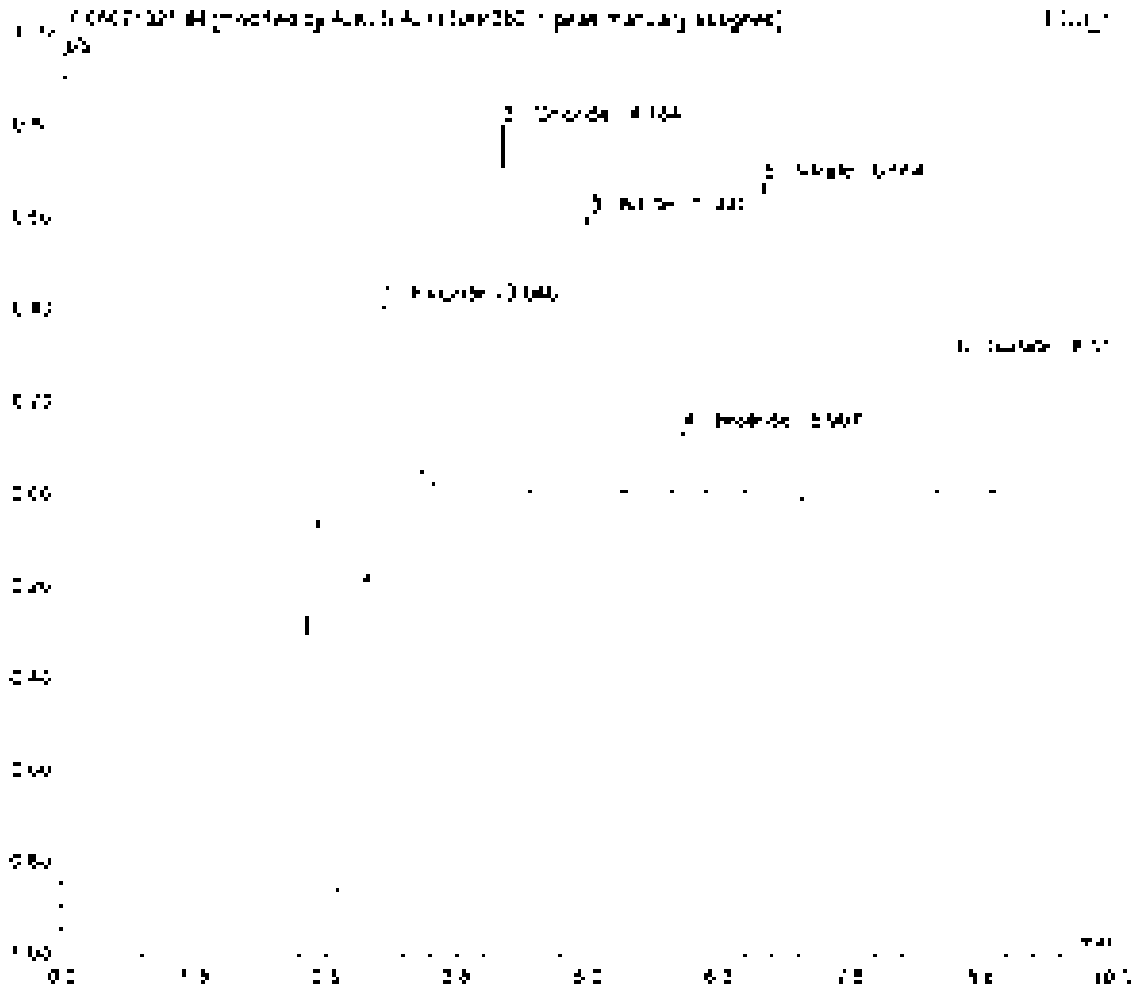
Sample Name	[illegible]	Injection	[illegible]
Sample Type	standard	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj Date/Time	[illegible]	Acq Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



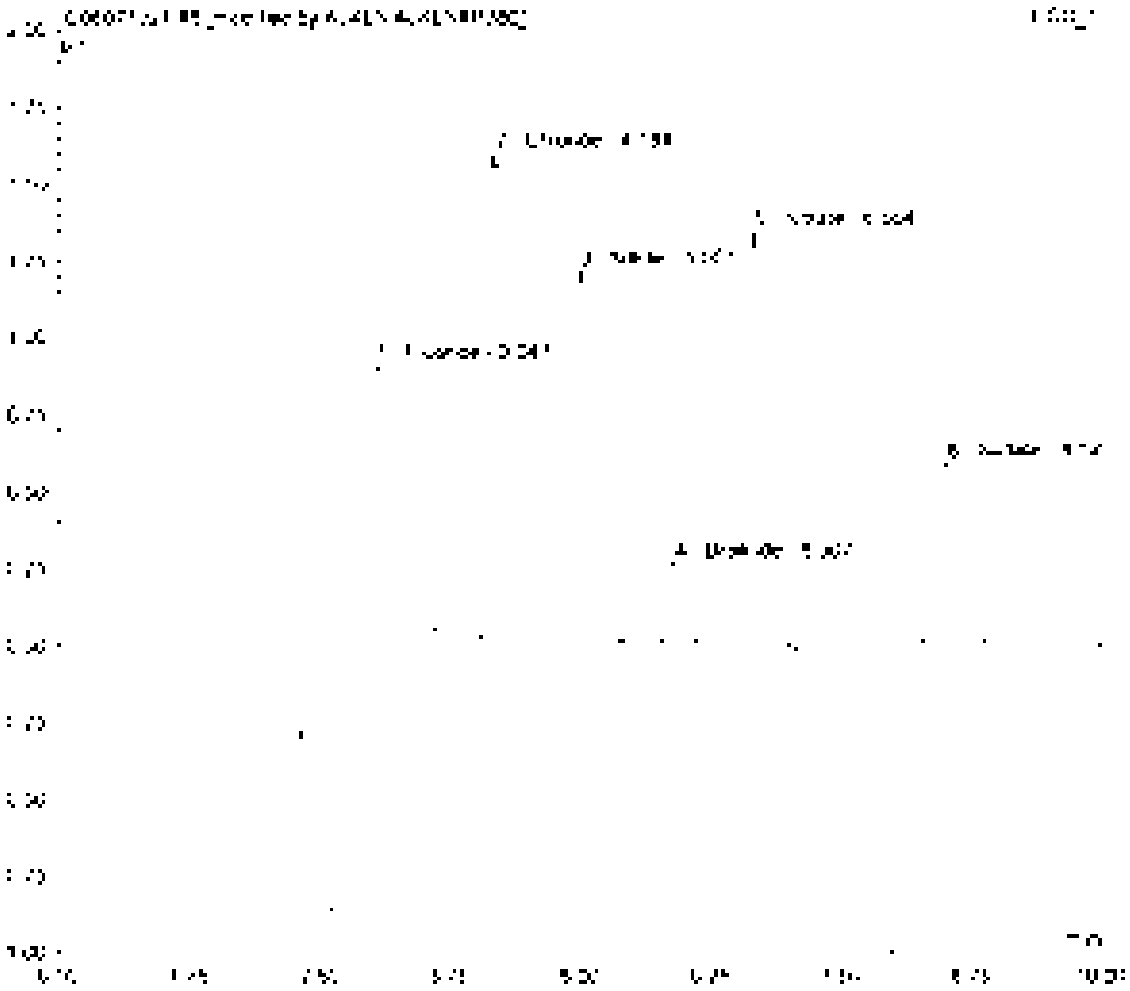
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	standard	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Rec. Type	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



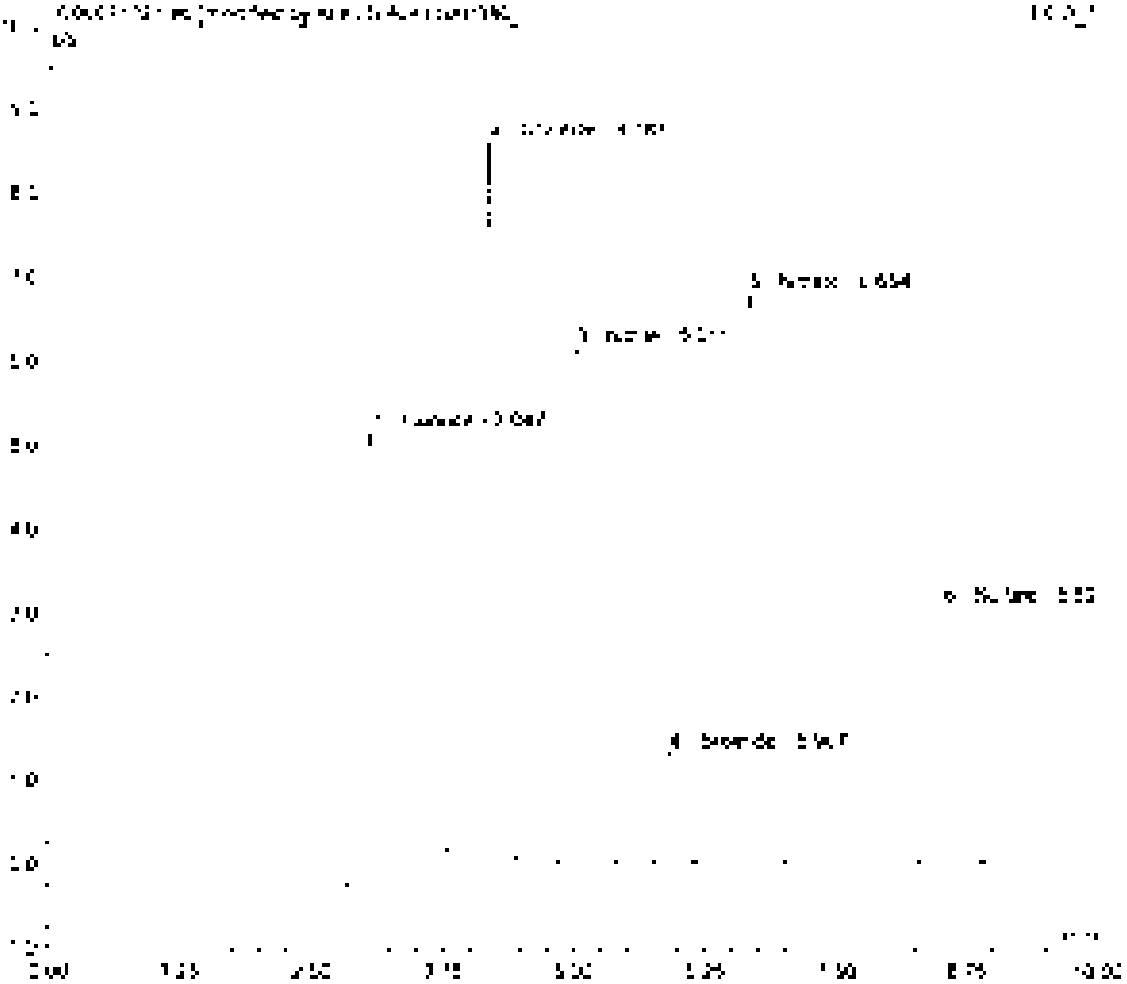
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	1.0000
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/cm	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]				[illegible]	[illegible]	[illegible]



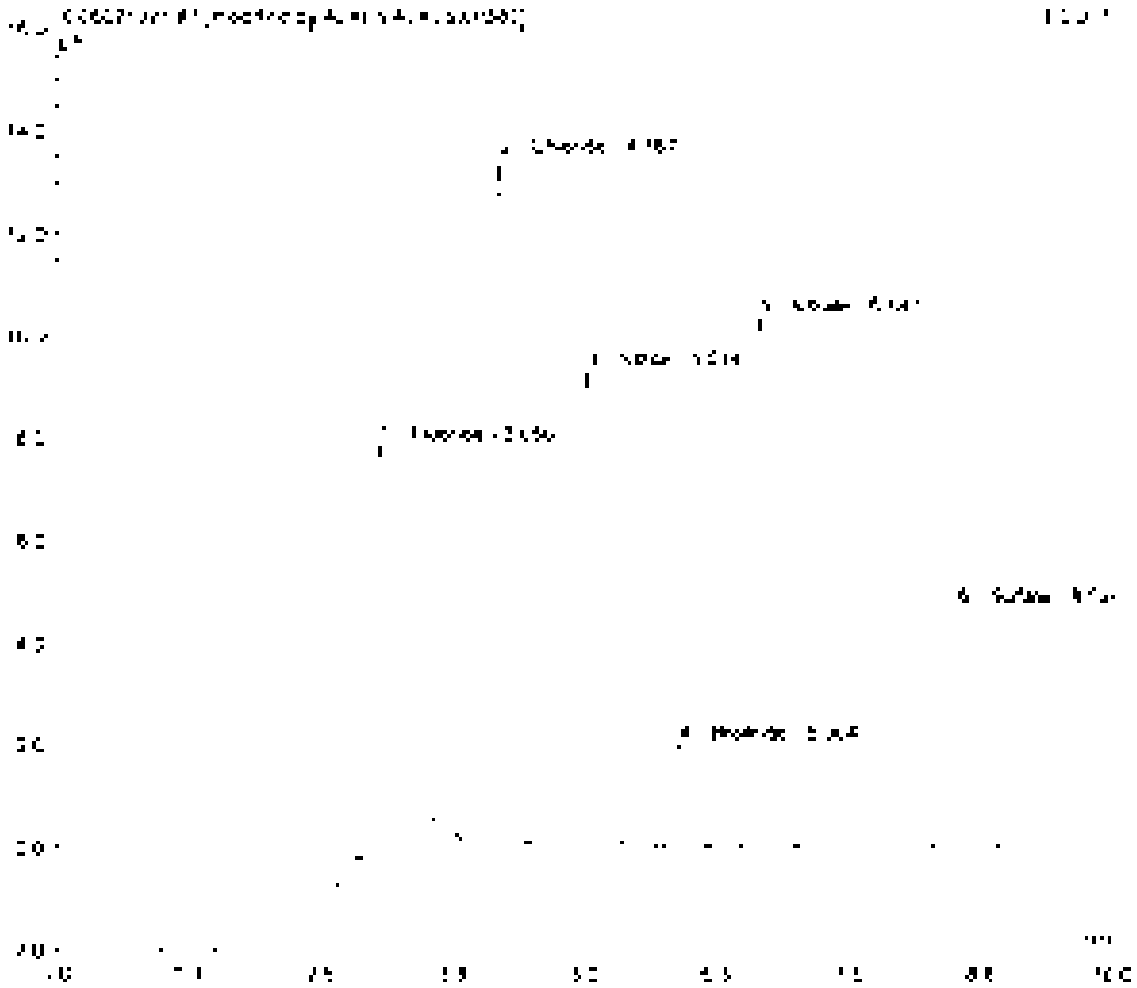
Sample Name	[illegible]	Inj Vol	[illegible]
Sample Type	standard	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj Date/Time	[illegible]	Run Time	[illegible]

No	Time	Peak Name	Type	Area	Height	Amount
	[illegible]			[illegible]	[illegible]	
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



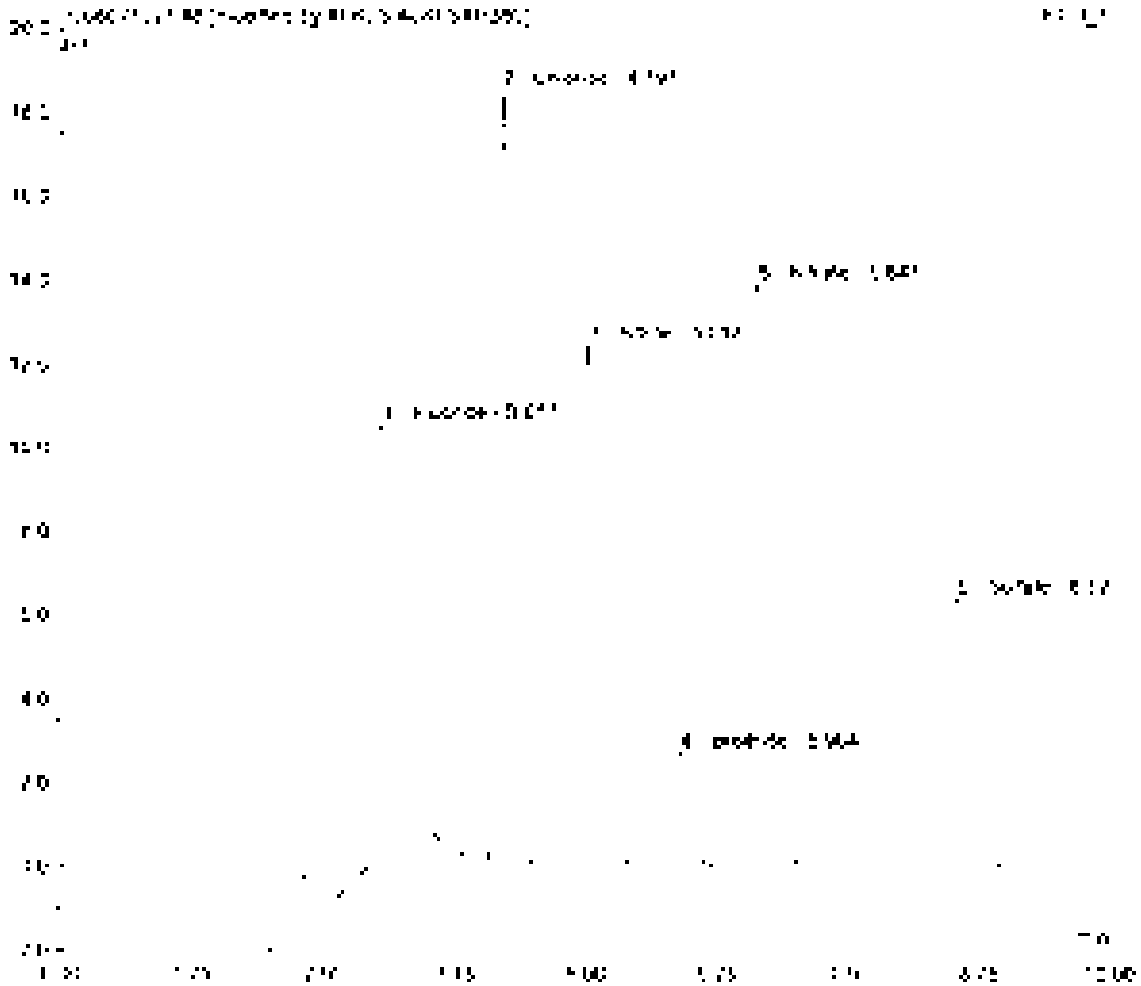
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



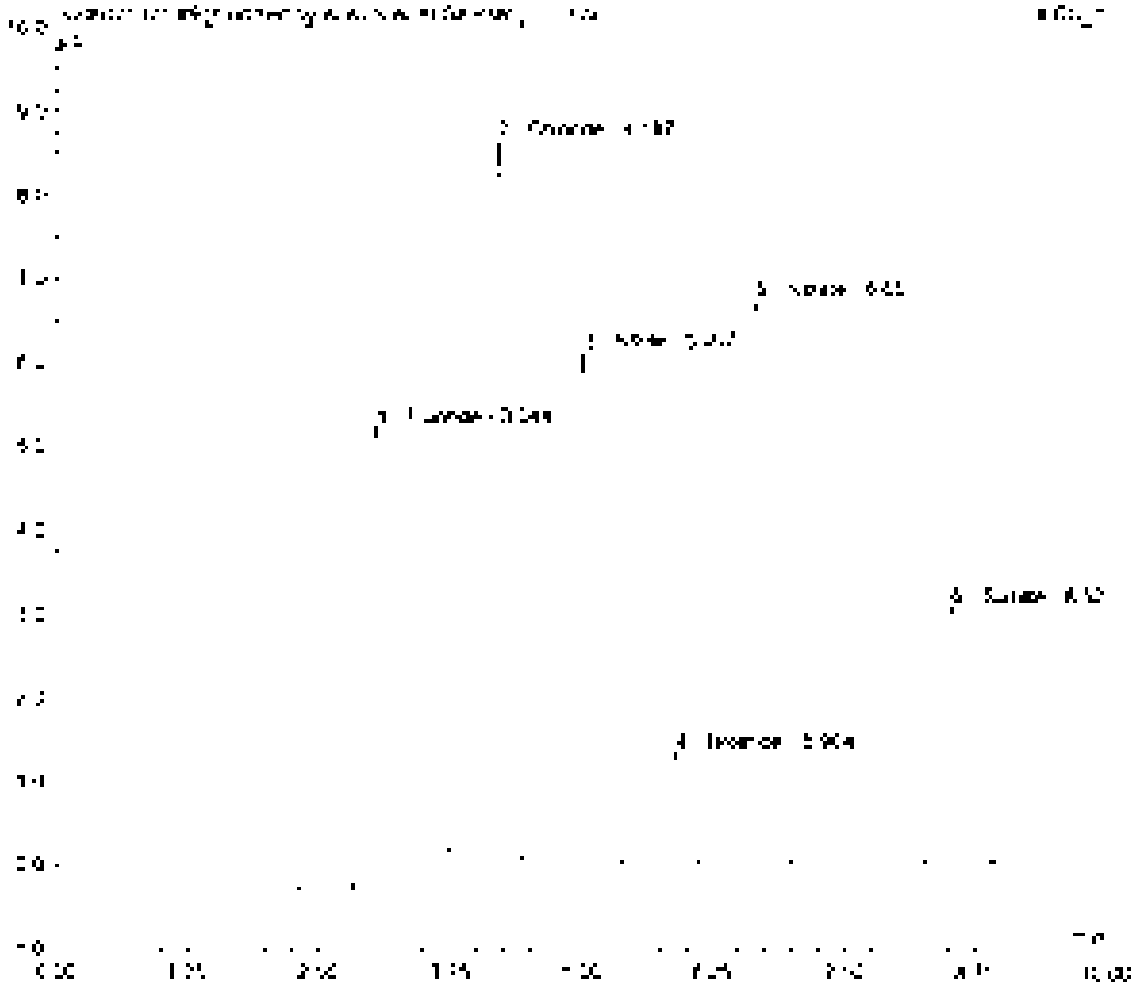
Sample Name	[illegible]	Vial No.	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Acq. Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



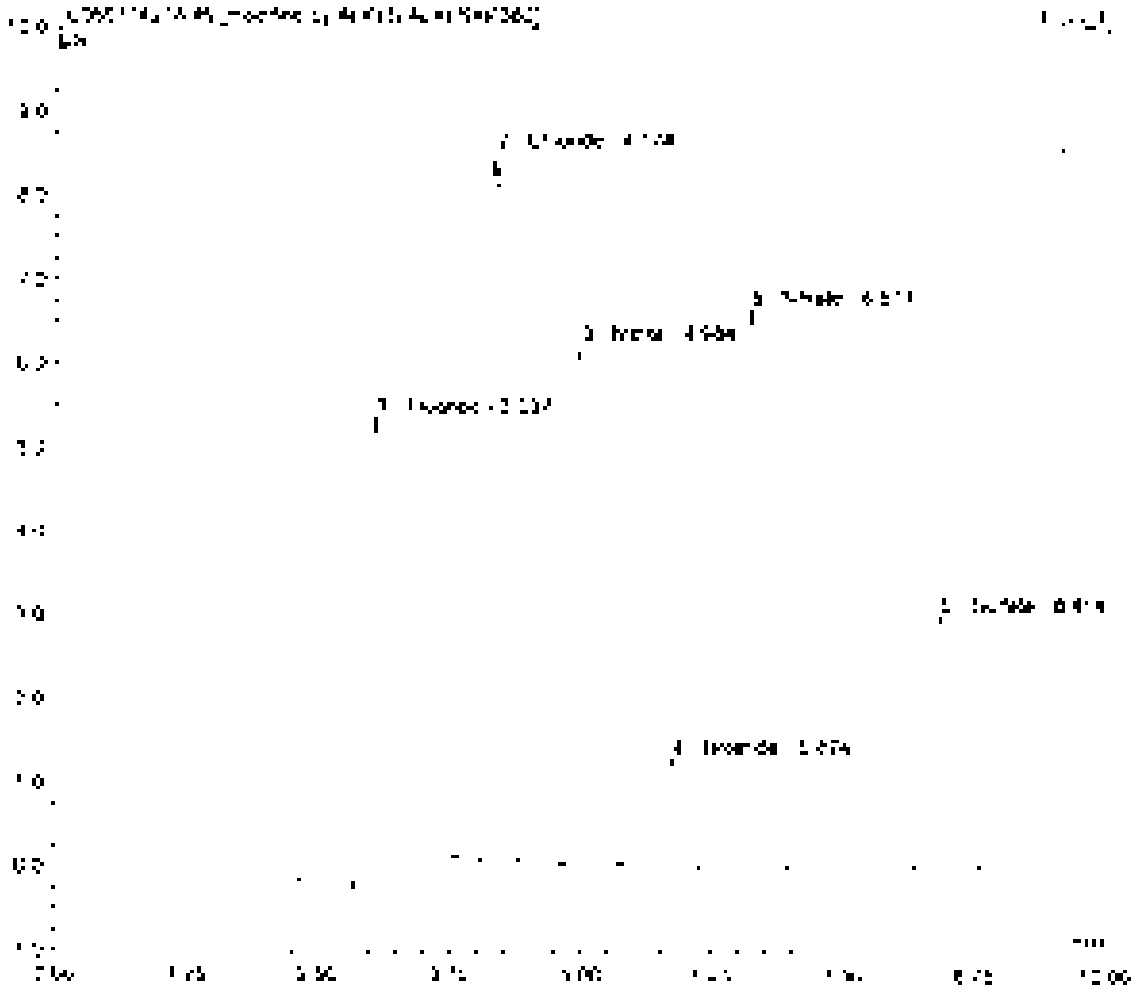
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	1.0000
Program	360 lic	Operator	n/a
Inj. Date/Time	[illegible] 11:19	Run Time	[illegible]

No.	Ret. Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



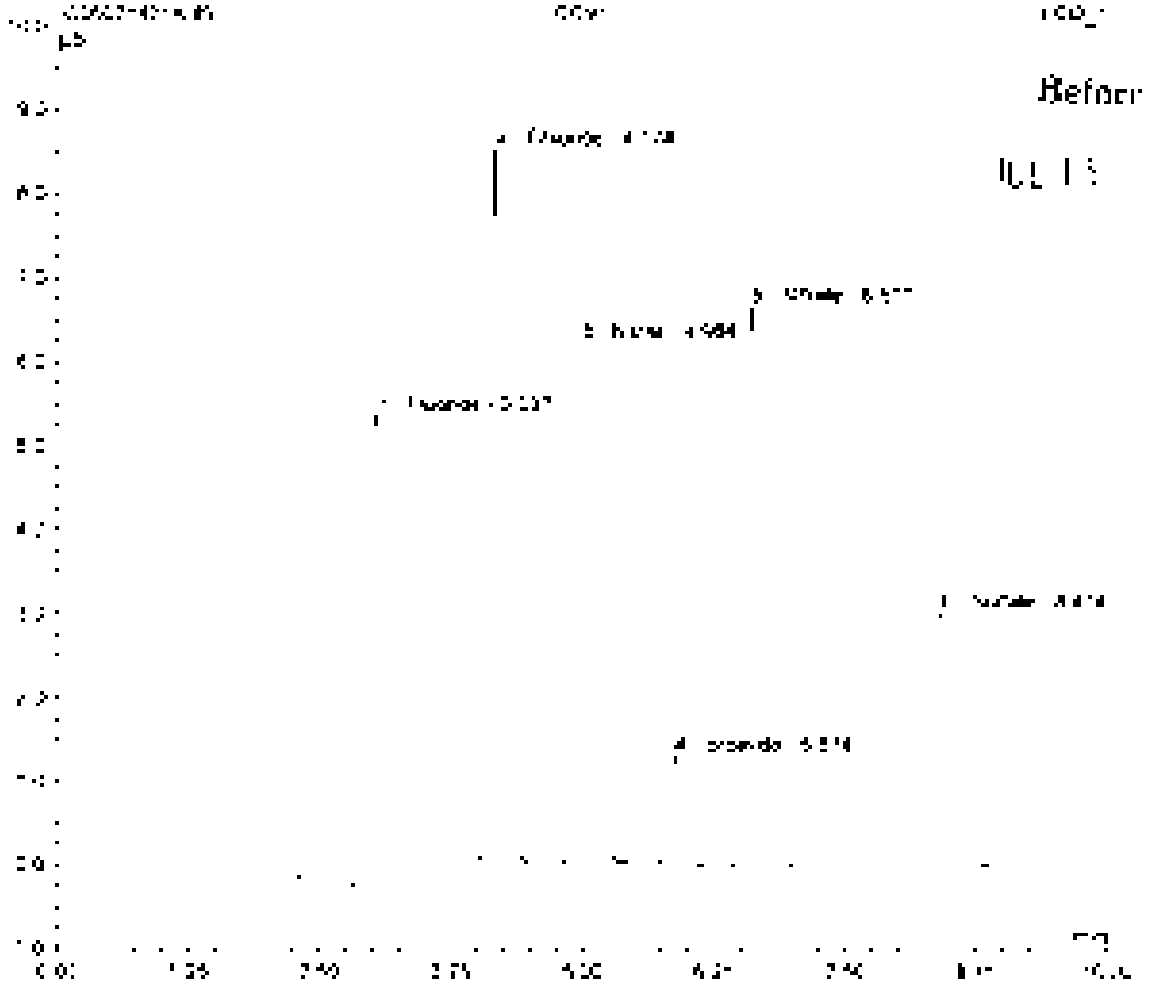
Sample Name	G201	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



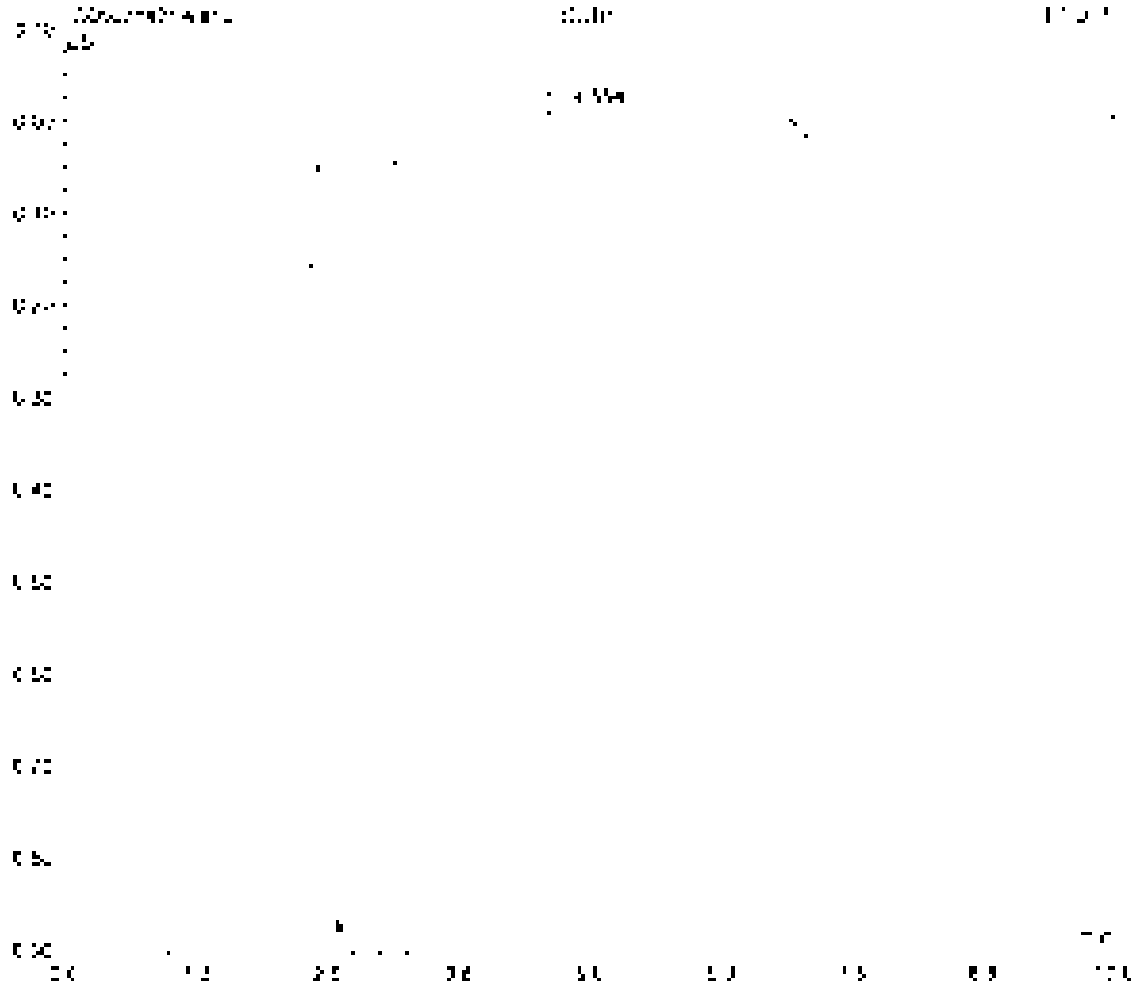
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	1.0000
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	BMB	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	VB	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	BMB	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	BMB	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	BMB	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	BMB	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



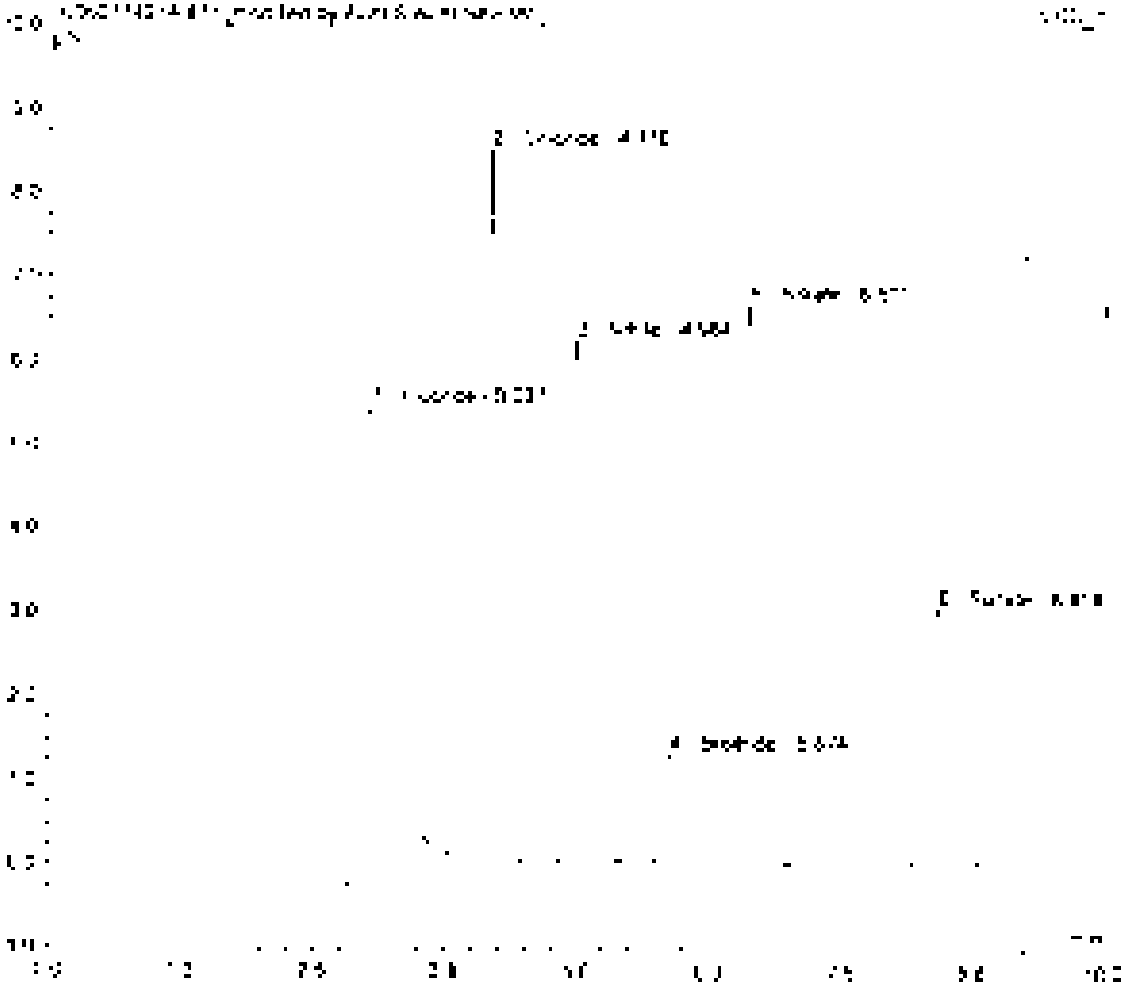
Sample Name	CC01	Injection	[illegible]
Sample Type	unknown	Dilution Factor	1.0000
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µV*min	Height µV	Amount
		TOTAL		[illegible]	[illegible]	[illegible]



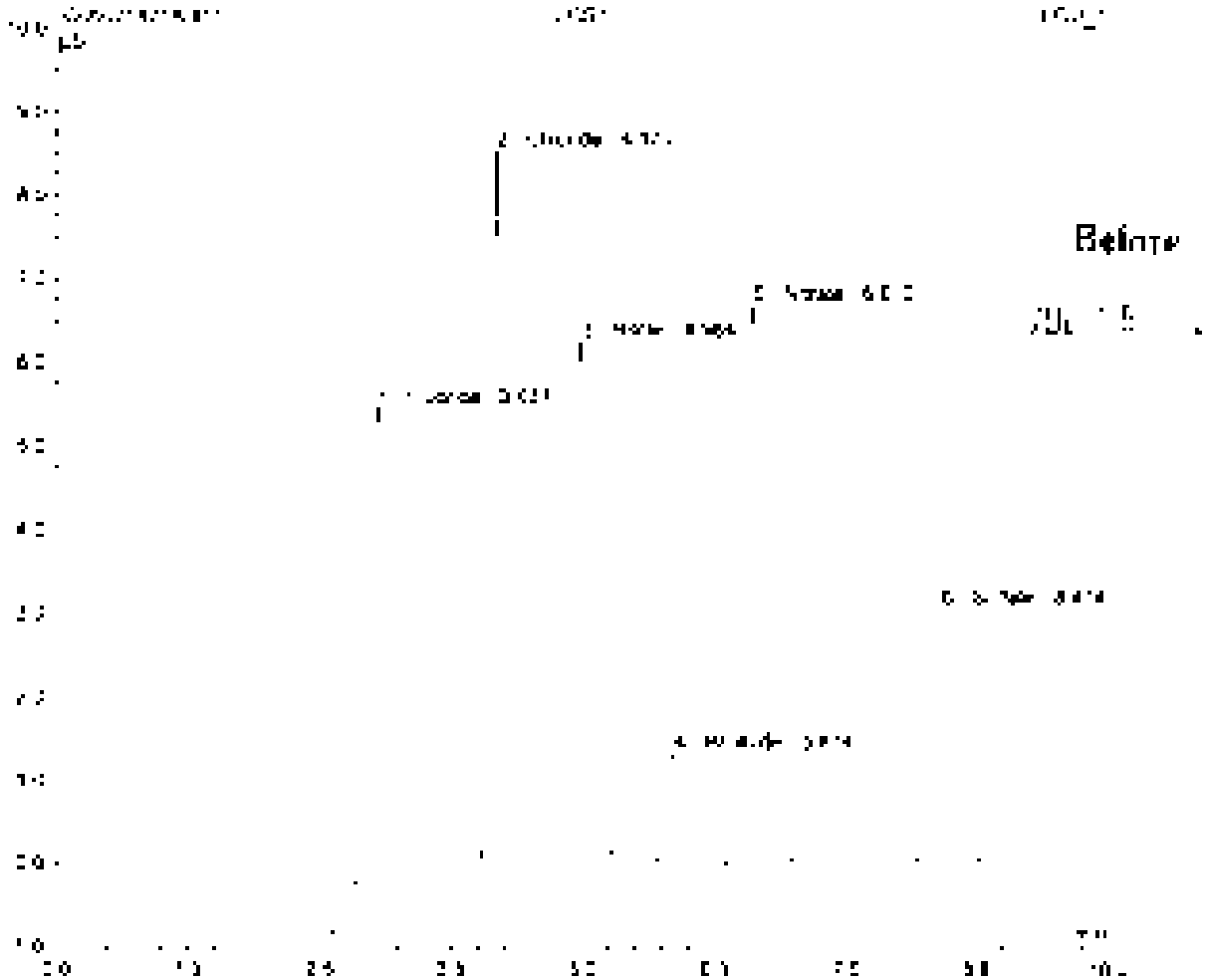
Sample Name	LC31	Inj Vol	[illegible]
Sample Type	unknown	Dilution Factor	1.0000
Program	[illegible]	Operator	[illegible]
Inj Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µV*min	Height µV	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]				[illegible]	[illegible]	[illegible]



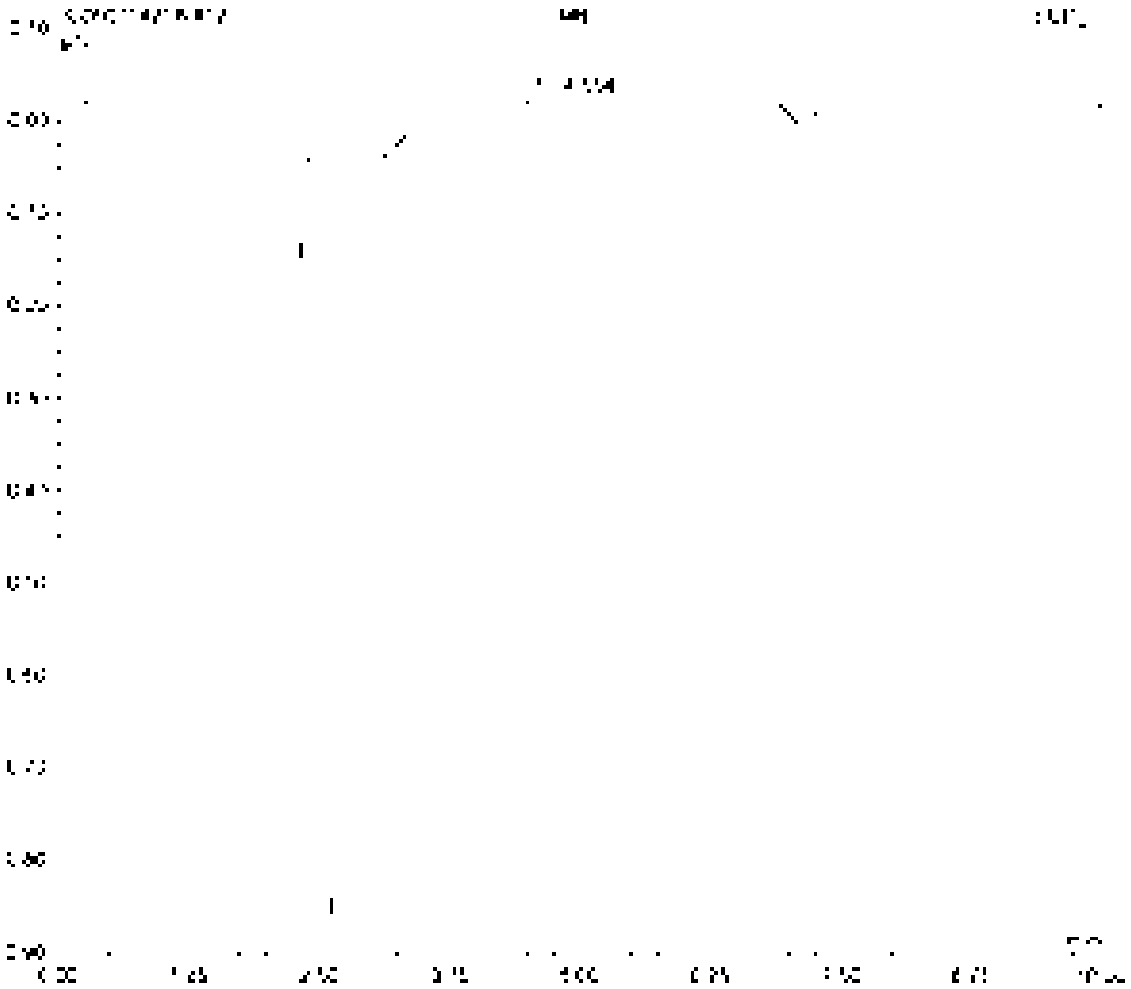
Sample Name	LC51	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	1.0000
Program	360_Dc	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



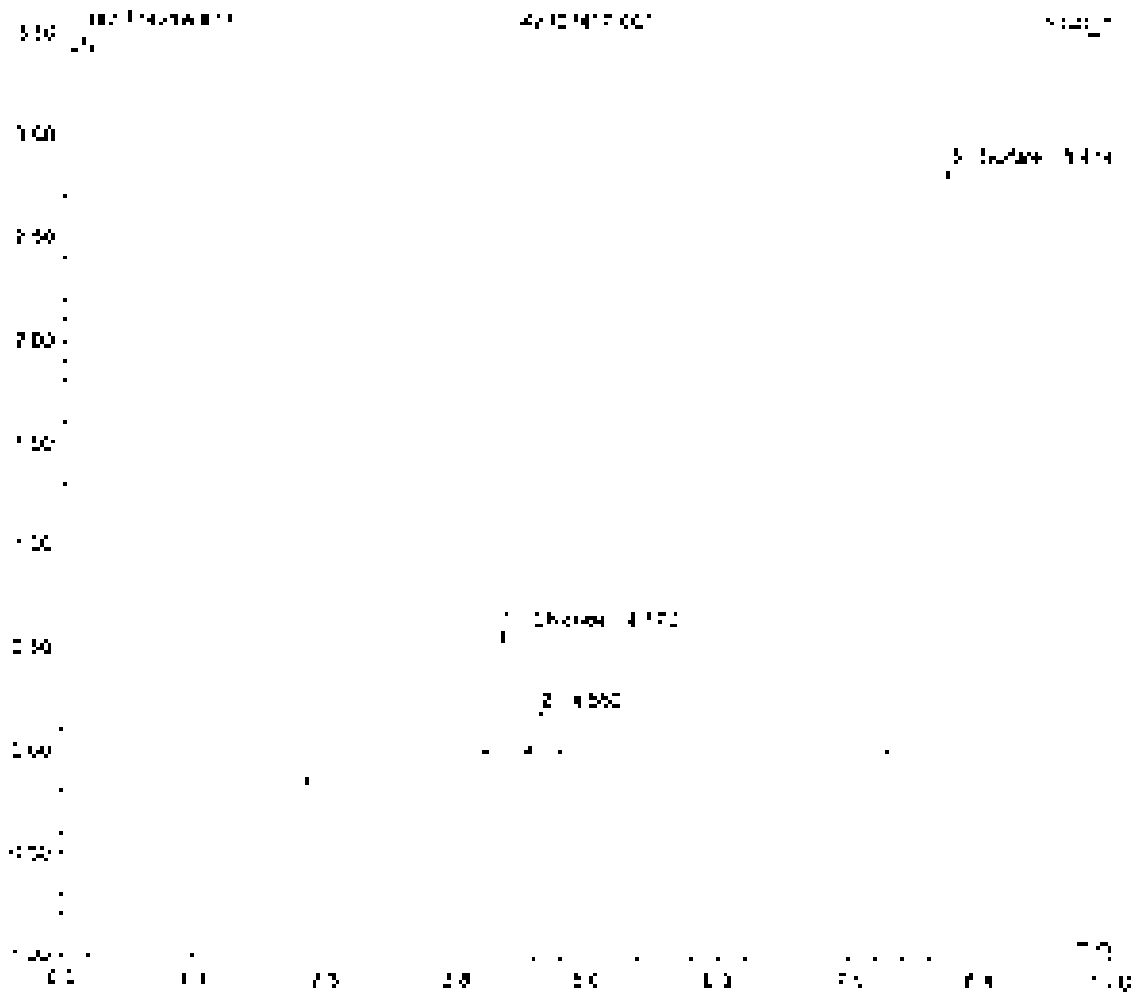
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	Unknown	Dilution Factor	1.0000
Program	[illegible]	Operator	n.a.
Inj. Date/Time	14/07/21 [illegible]	Run Time	[illegible]

No	Start min	Peak Name	Type	Area µS/cm	Height µS	Amount
[illegible]		TOTAL		[illegible]	[illegible]	[illegible]



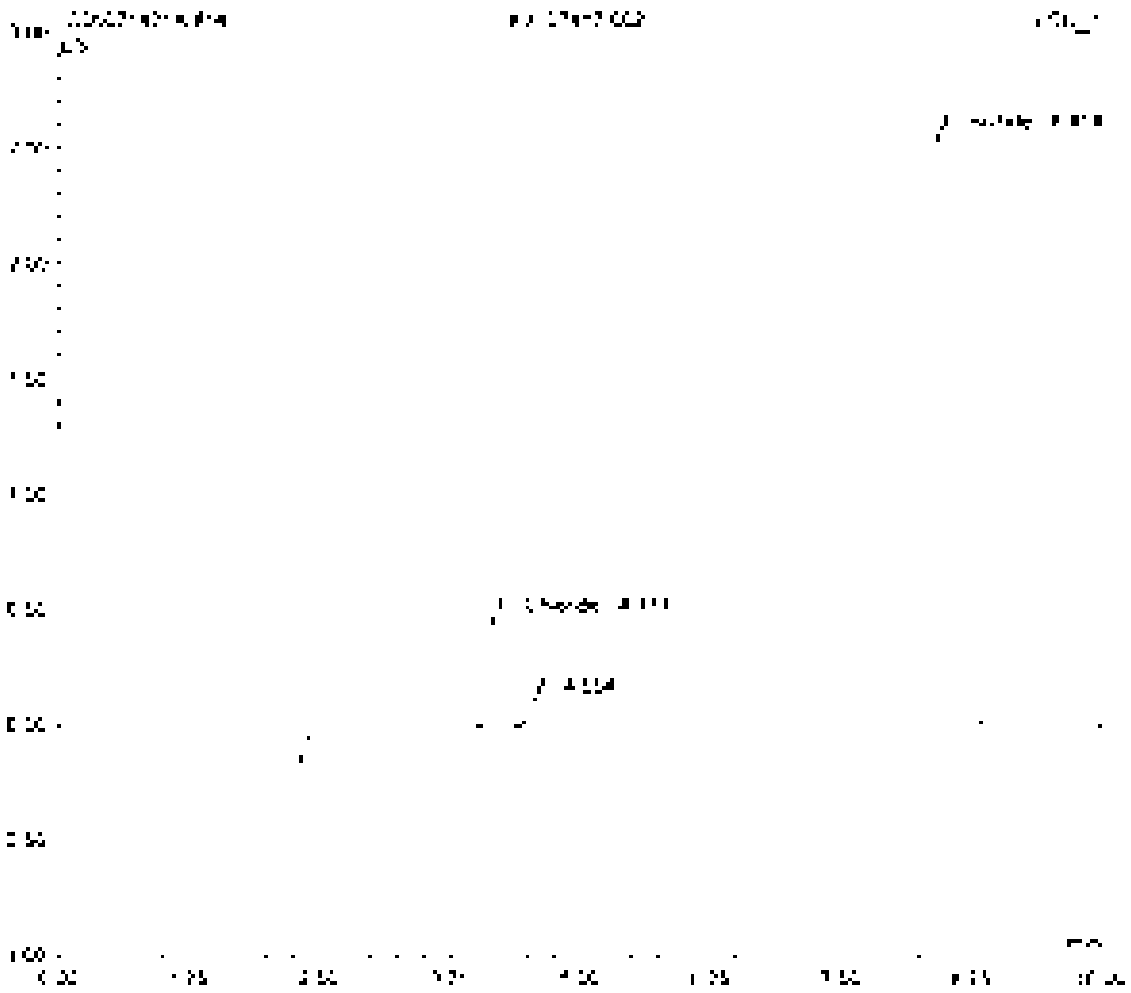
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	Bor	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	Hexa	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



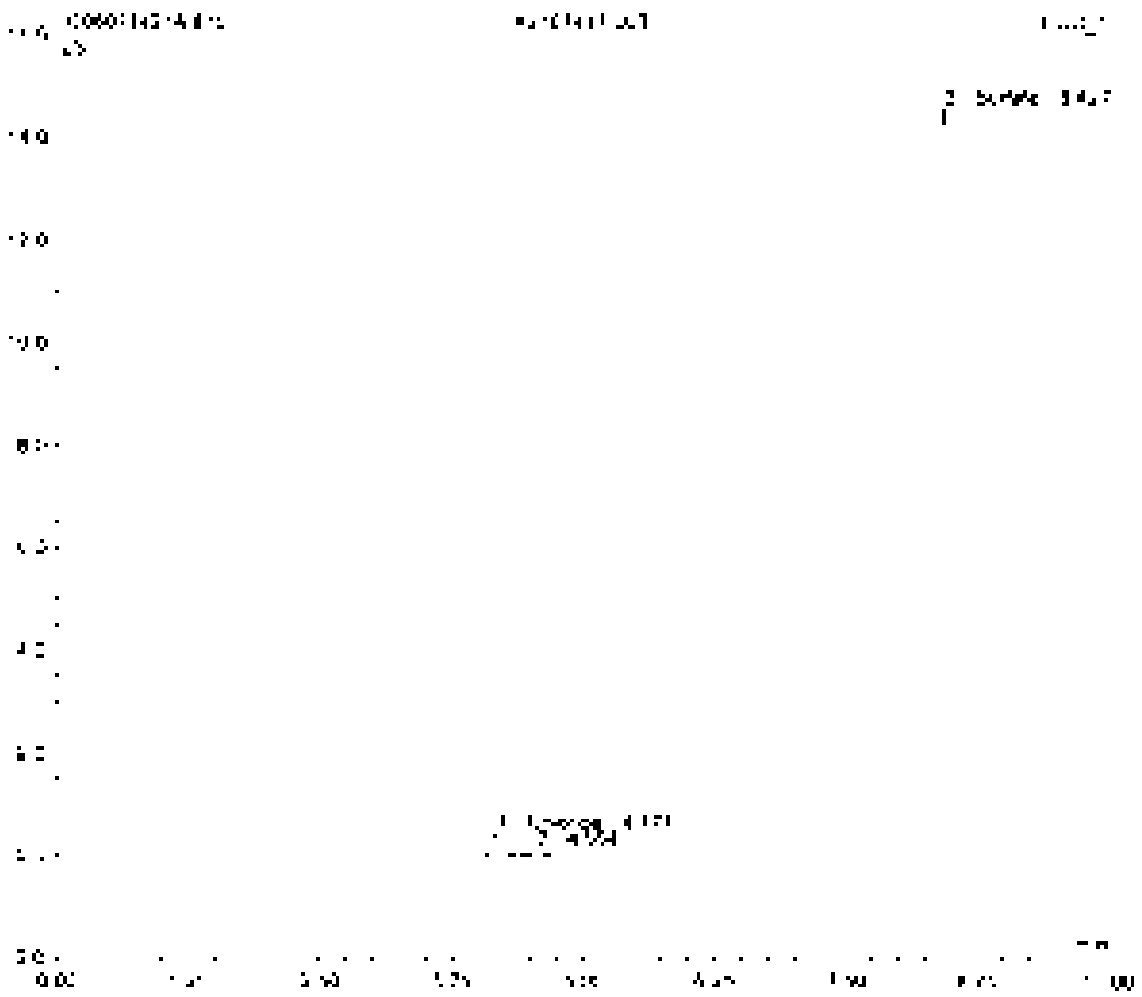
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	20.0000
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



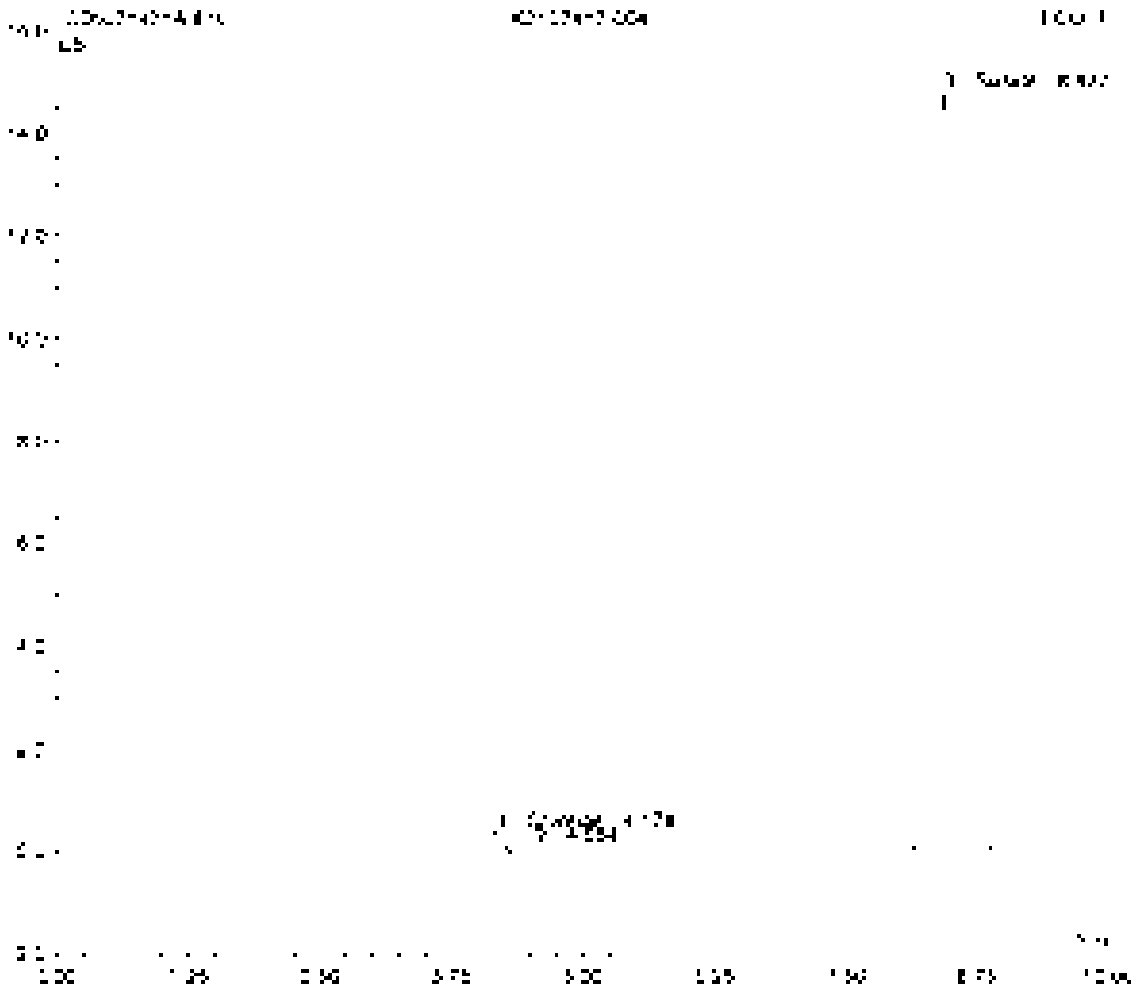
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n/a
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	BM	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	BMB	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



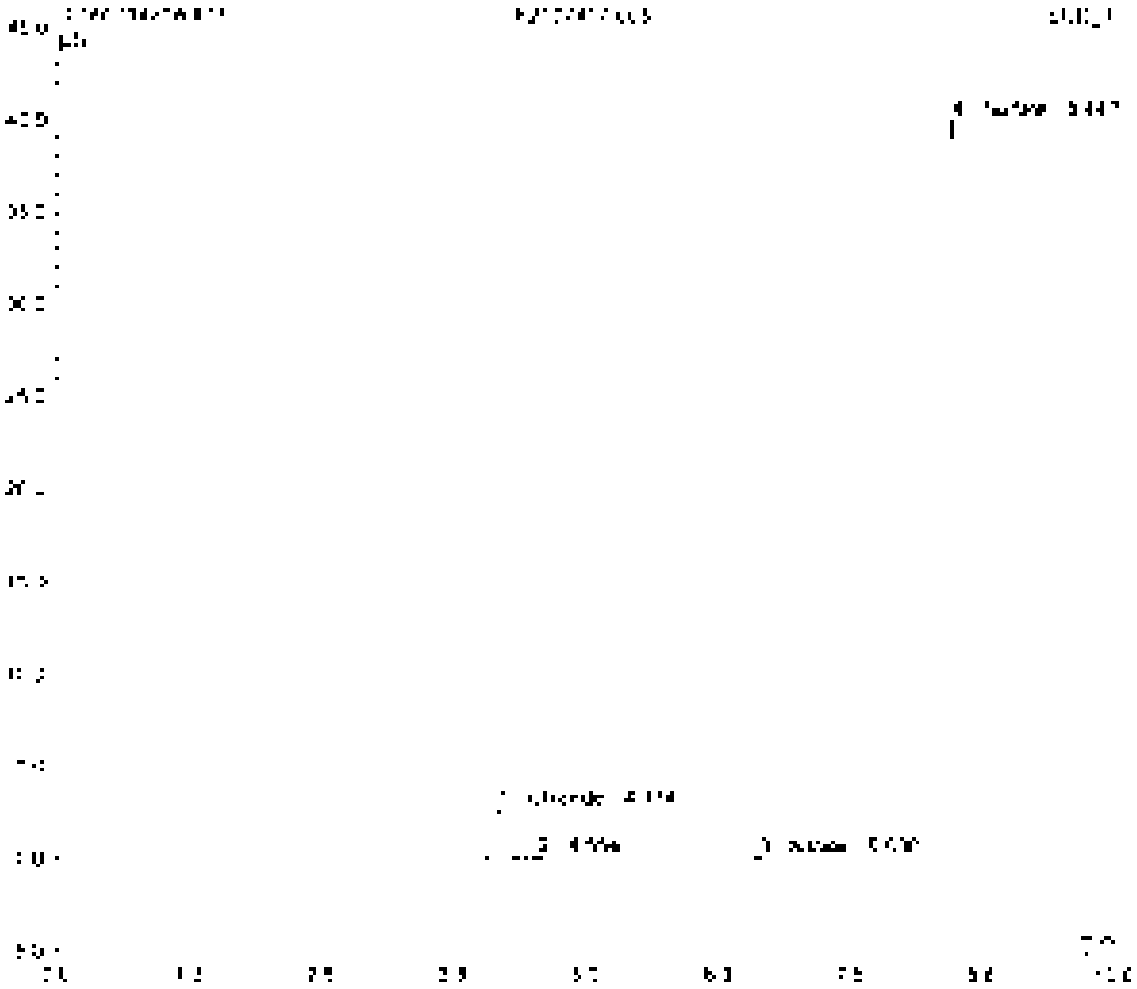
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	Chloride	BMB	[illegible]	[illegible]	[illegible]
2	[illegible]	Sulfate	BMB	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]

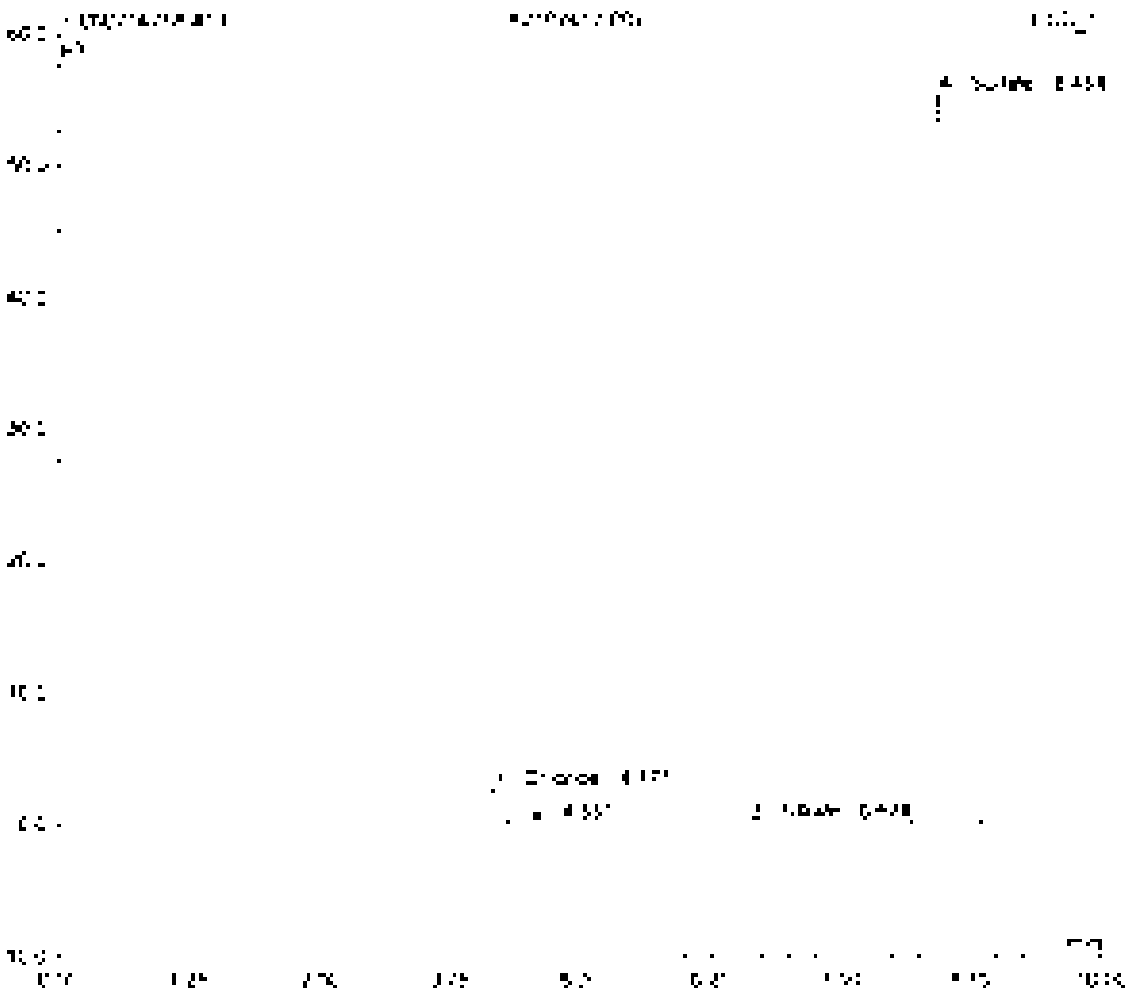


Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]

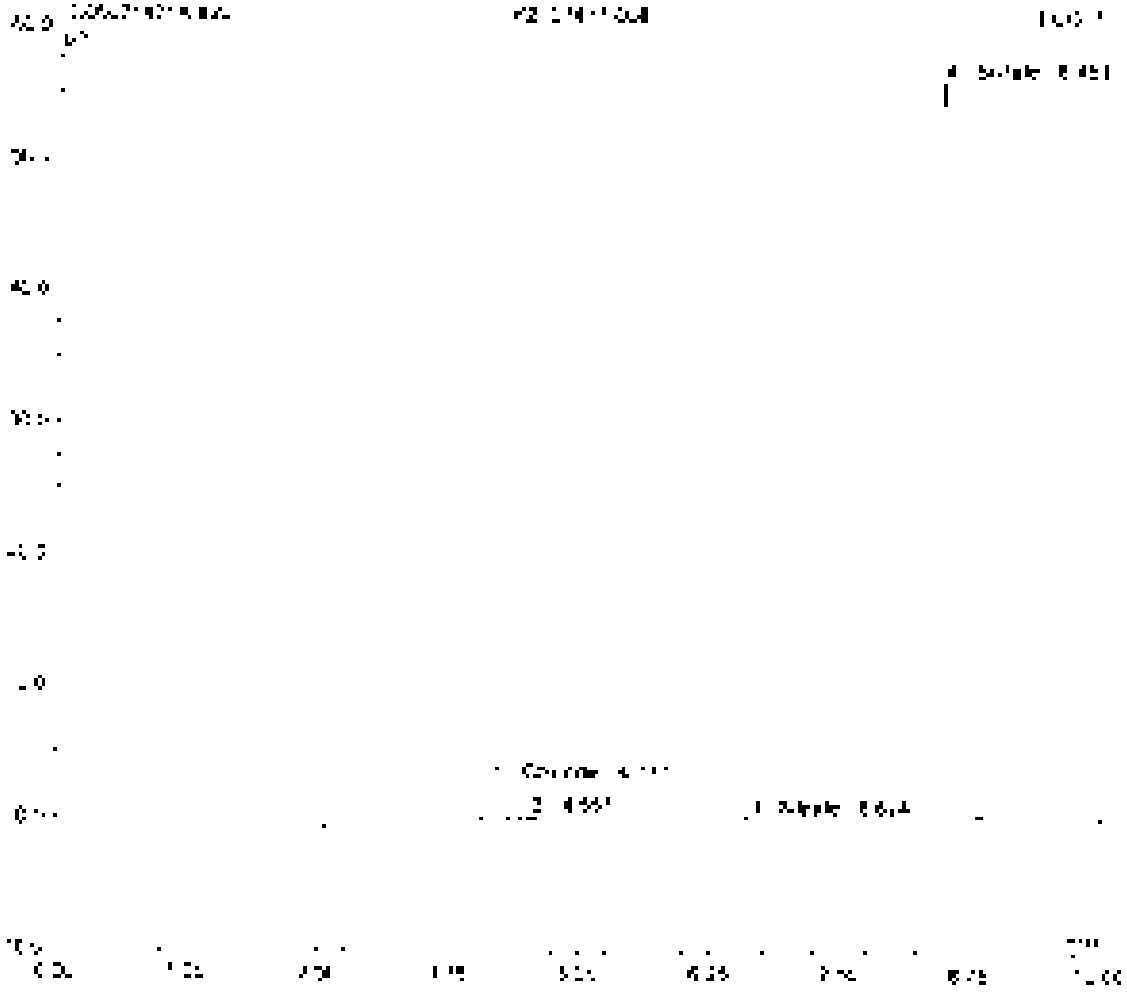
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
1	[illegible]	Chloride	BV	[illegible]	[illegible]	[illegible]
2	[illegible]	Nitrite	BV	[illegible]	[illegible]	[illegible]
3	[illegible]	Sulfate	BV	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



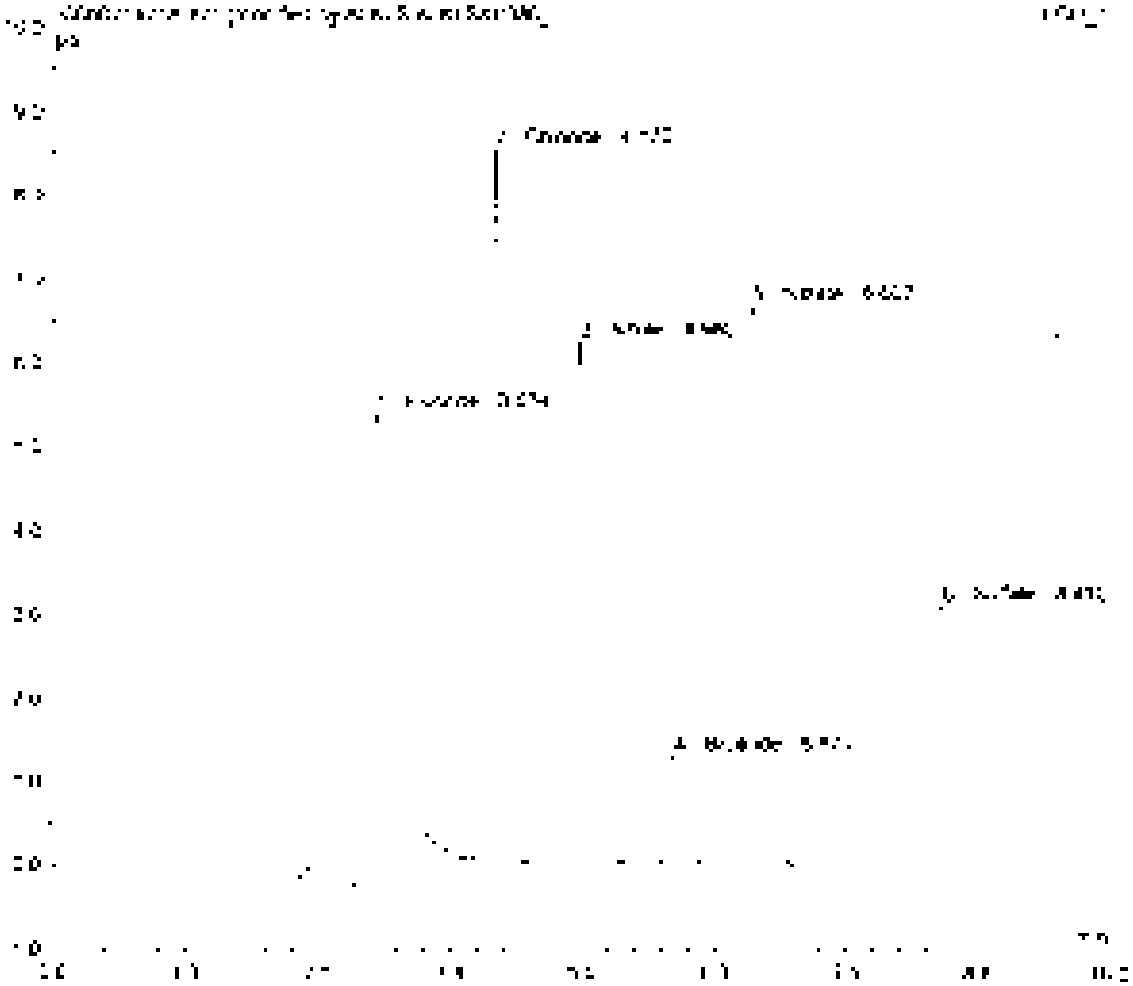
Sample Name	[illegible]	Inj. Vol.	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Position	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS/cm	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



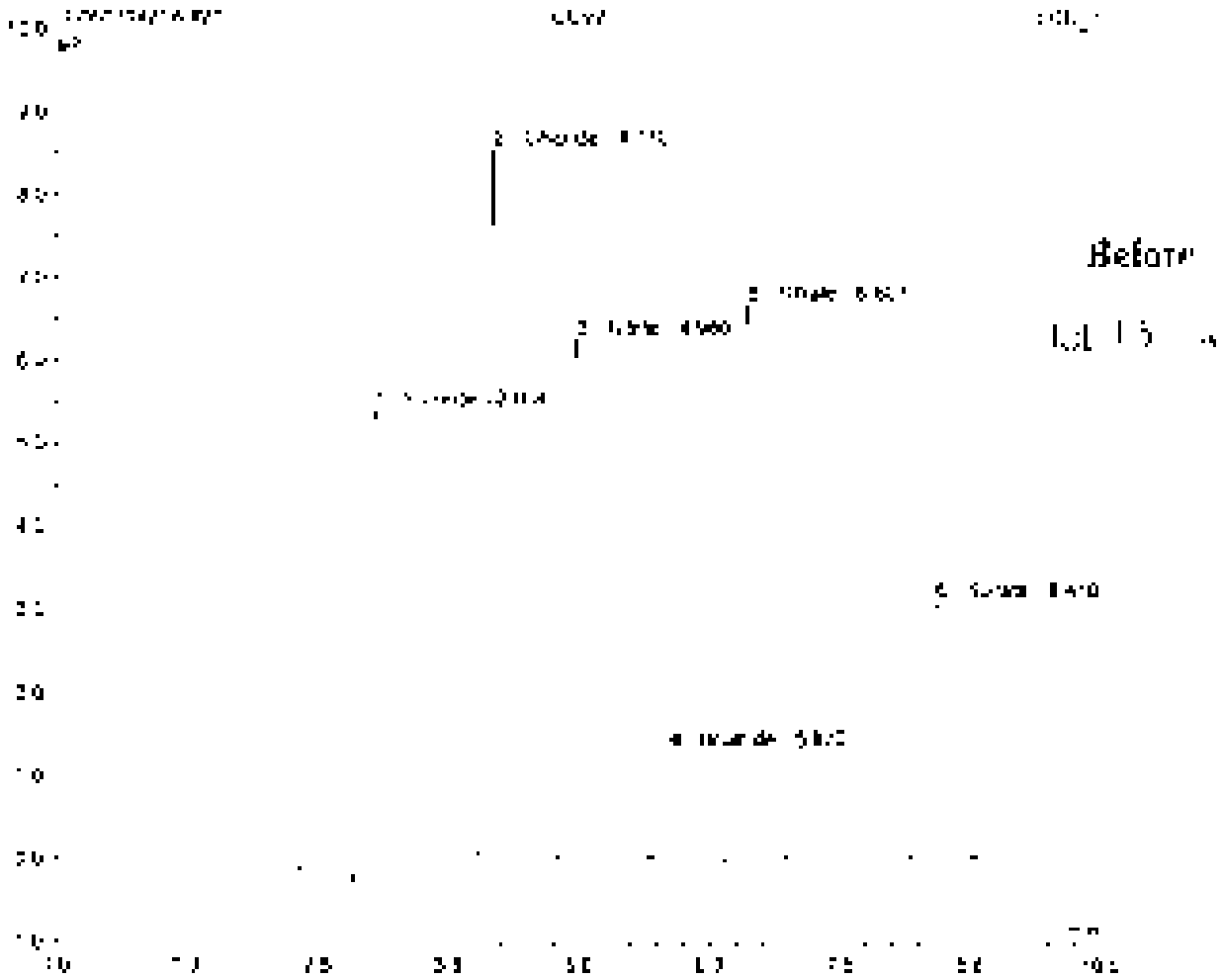
Sample Name	DCV3	Inj. Vol	384
Sample Type	unknown	Dilution Factor	1.0000
Program	304 Bc	Operator	n.a.
Inj. Date/Time	1997/21 27 19	Run Time	10.00

No	Time min	Peak Name	Type	Area µS/cm	Height µS	Amount
1	[illegible]	[illegible]	BMD*	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	BMD*	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	BMD*	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	BMD*	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	BMD*	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	BMD	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



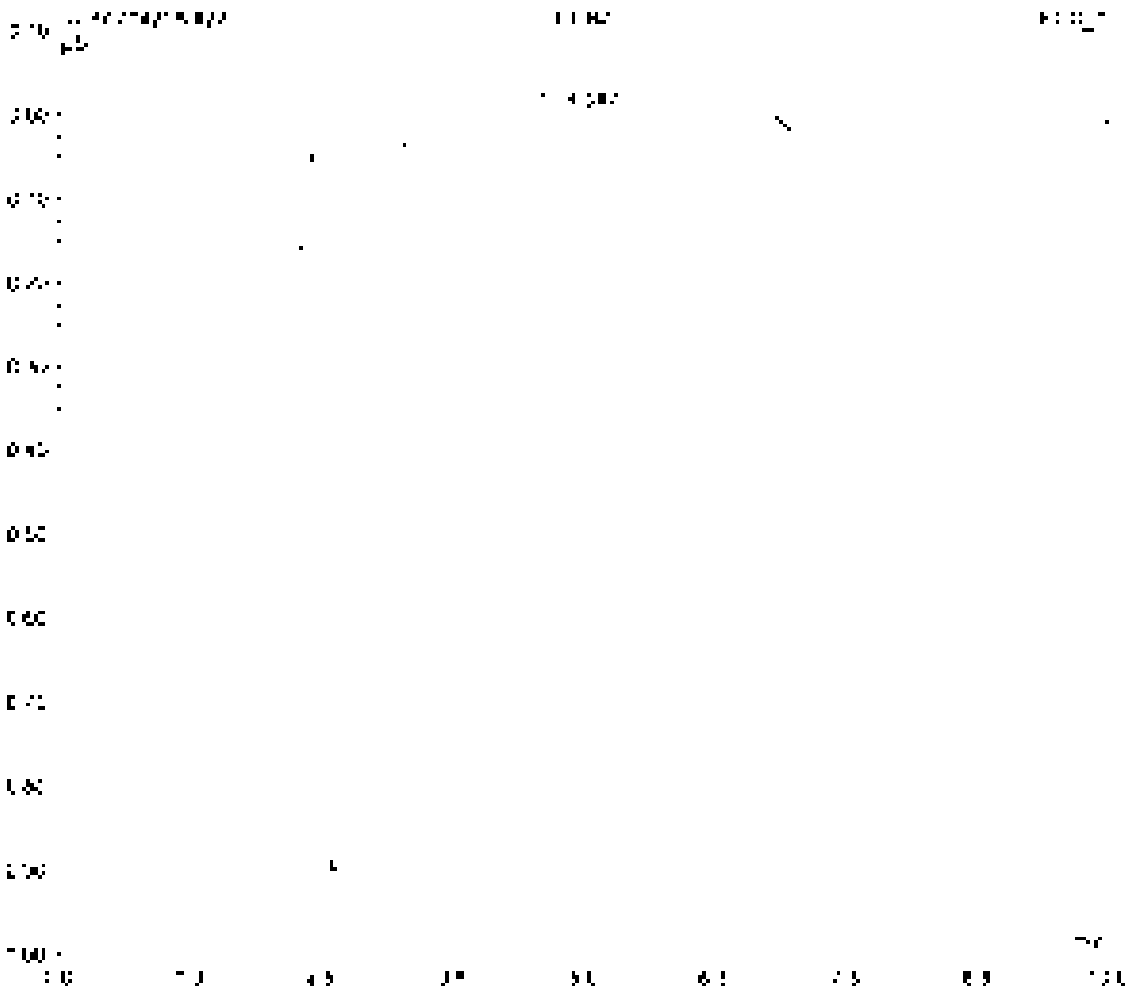
Sample Name	CCV2	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	1.0000
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µV*min	Height µV	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]				[illegible]	[illegible]	[illegible]



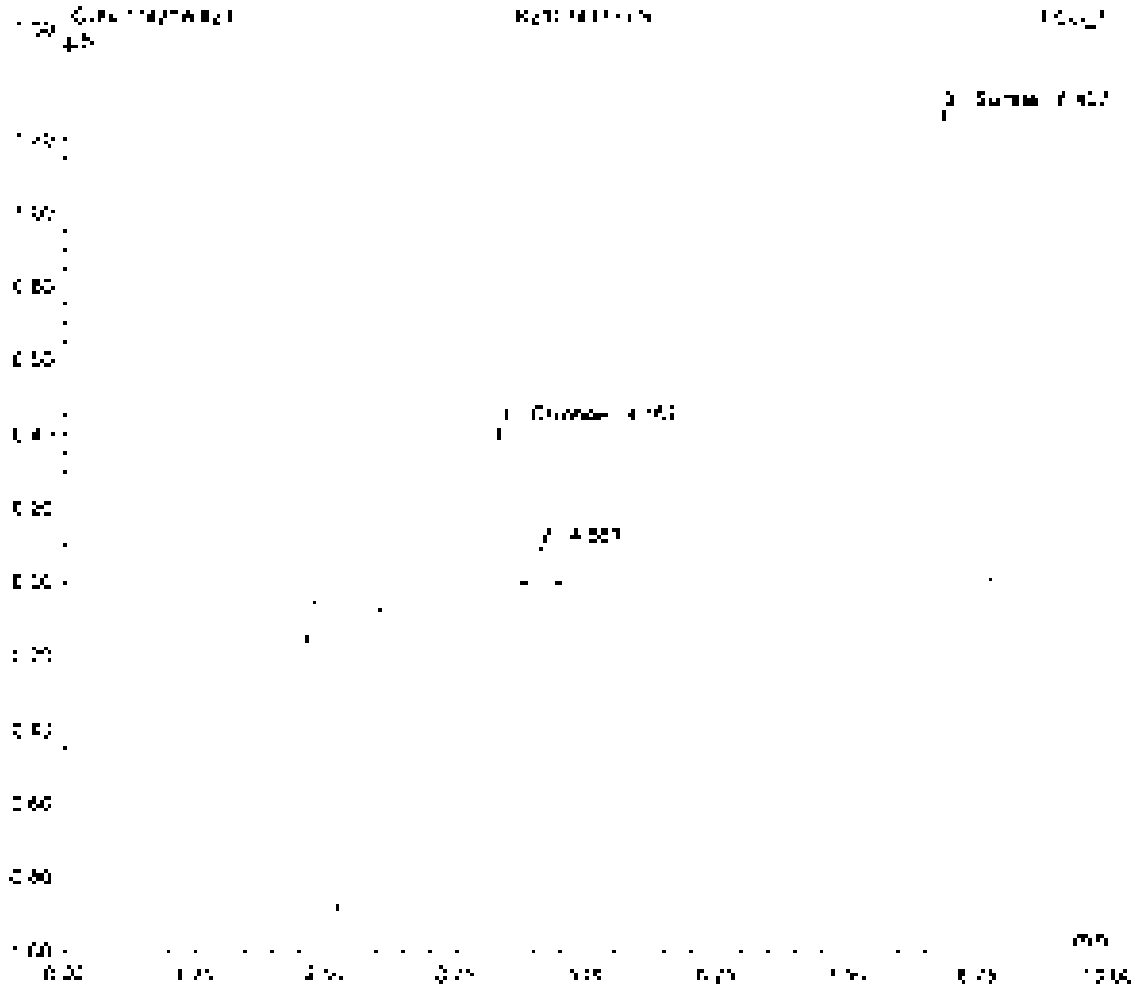
Sample Name	CC01	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	1.0000
Program	300_Dc	Operator	n/a
Inj. Date/Time	[illegible]	Run Time	18.00

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
		TOTAL		[illegible]	[illegible]	[illegible]



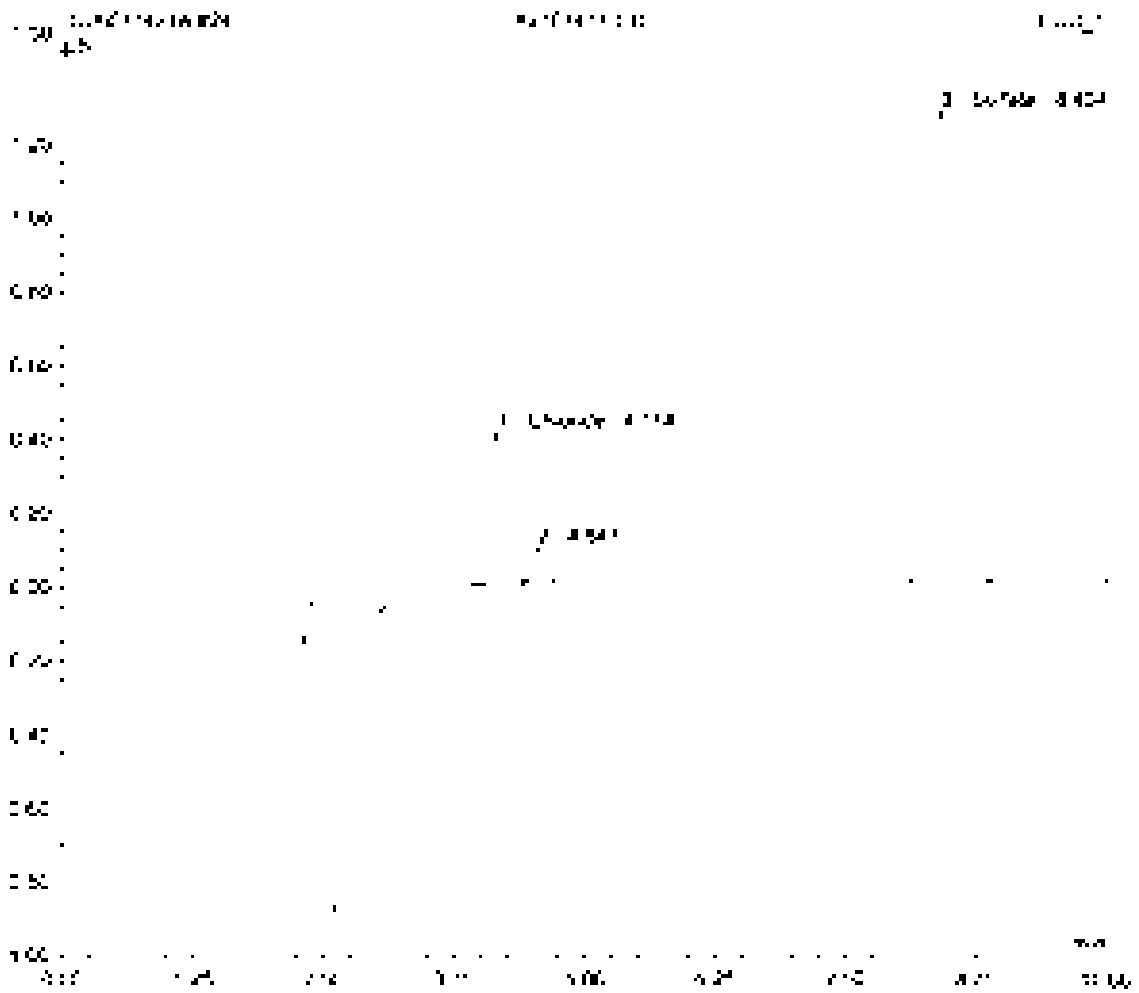
Sample Name	R21DT41 F.001	Inj. Vol	38.0
Sample Type	unknown	Dilution Factor	20.0000
Program	300_0c	Operator	n/a
Inj. Date/Time	14/6/07 22:42	Run Time	18.00

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	Chloride	BM	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	BMB	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



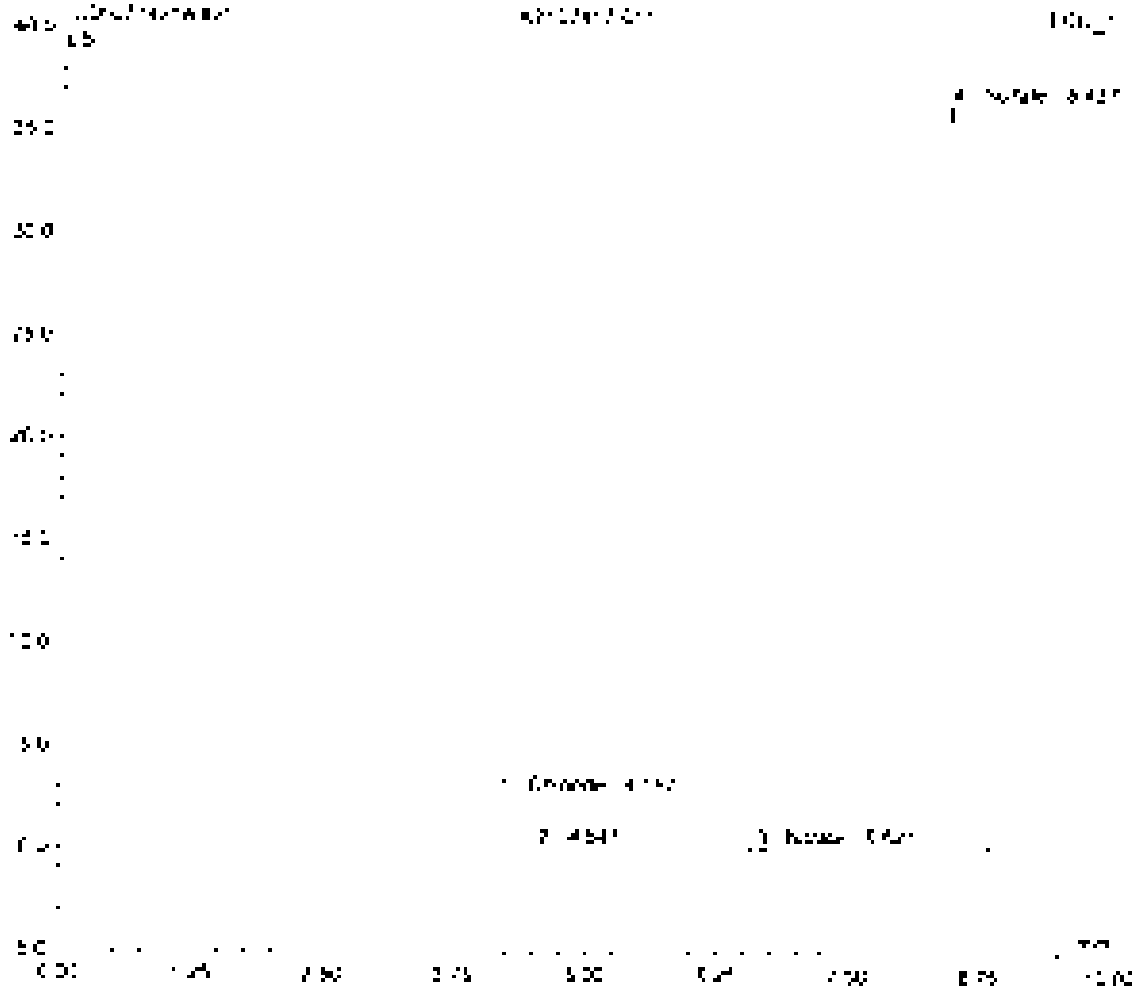
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n/a
Inj. Date/Time	[illegible]	Run Time	10.00

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



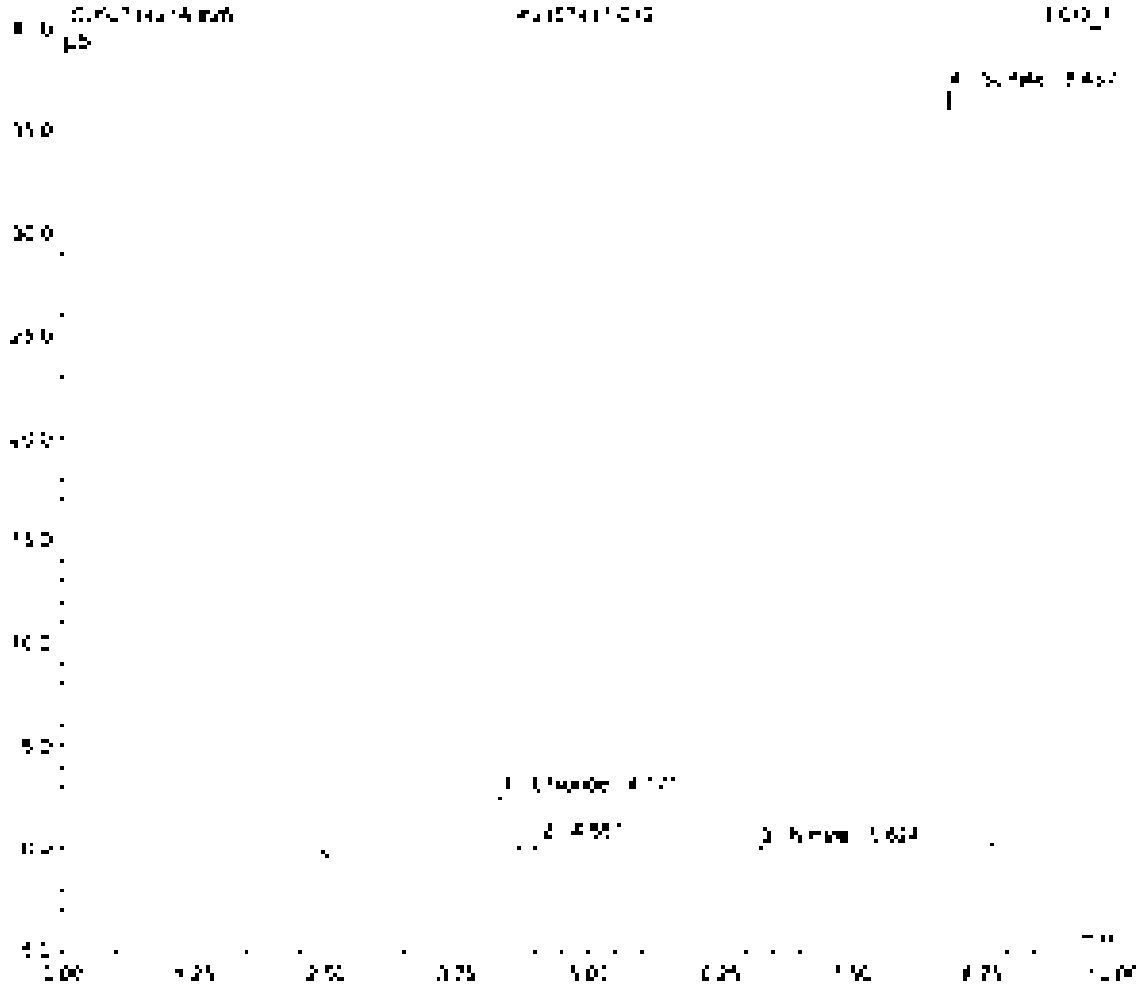
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



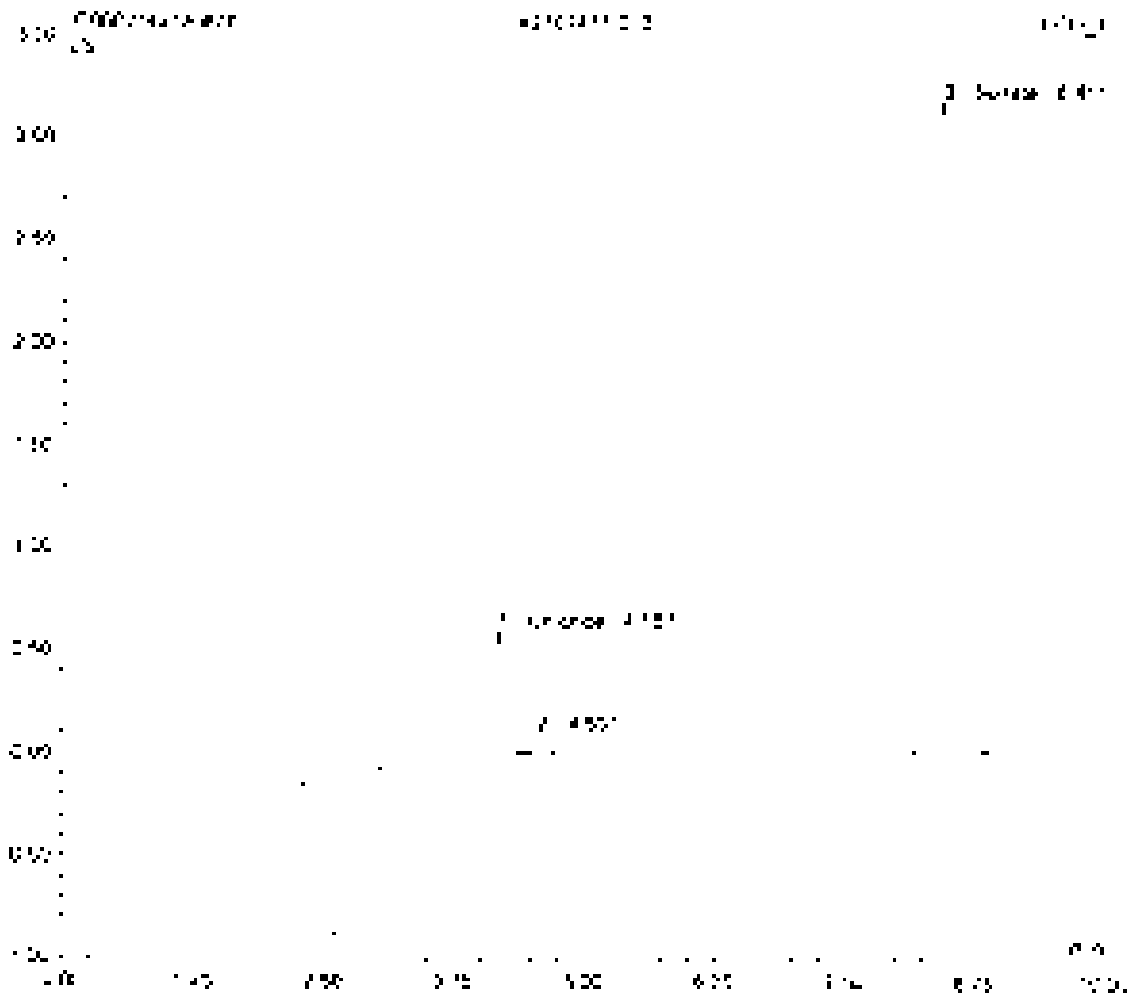
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time [min]	Peak Name	Type	Area [µS*min]	Height [µS]	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



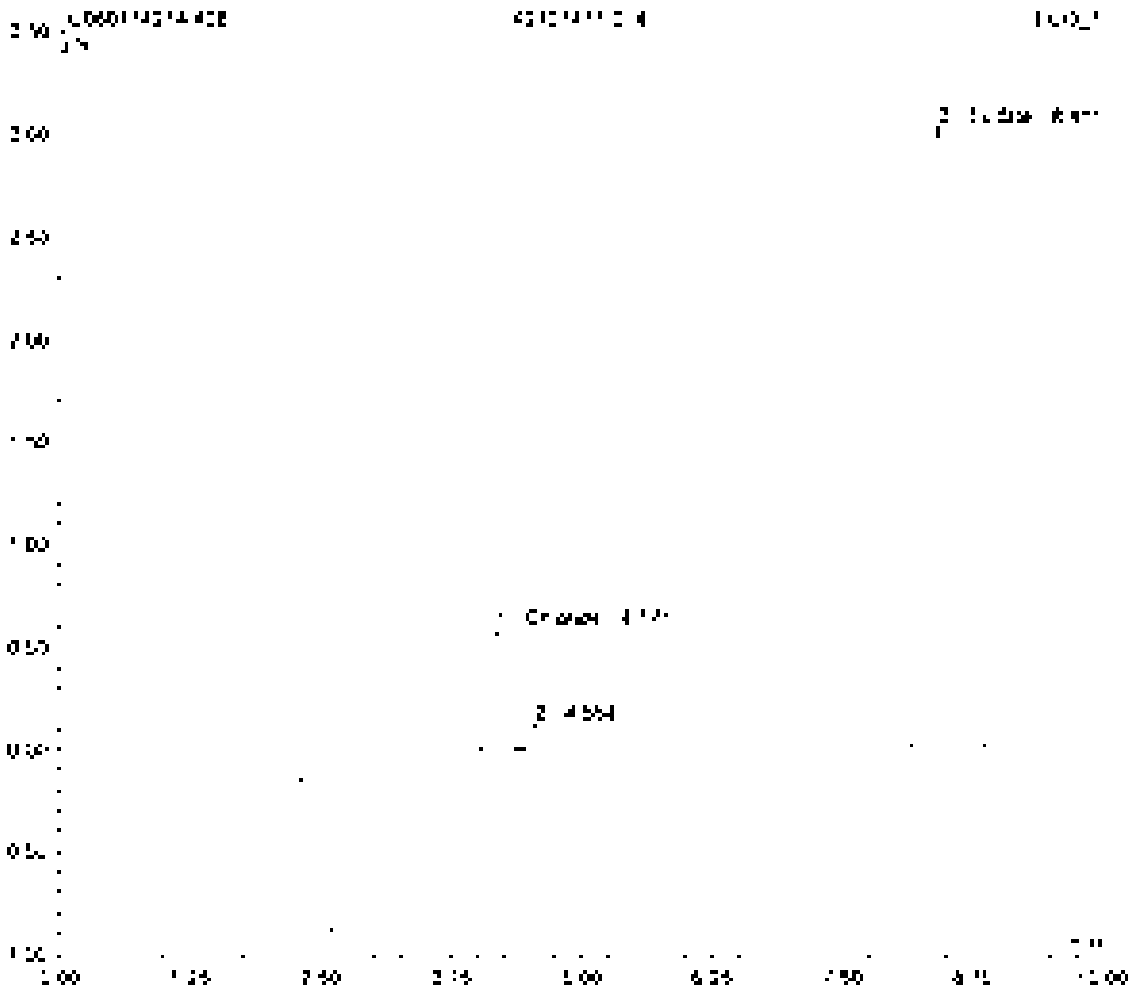
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	300_Dc	Operator	[illegible]
Inj. Date/Time	[illegible]	Misc. Info	[illegible]

No	Time min	Peak Name	Type	Area µS/cm	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



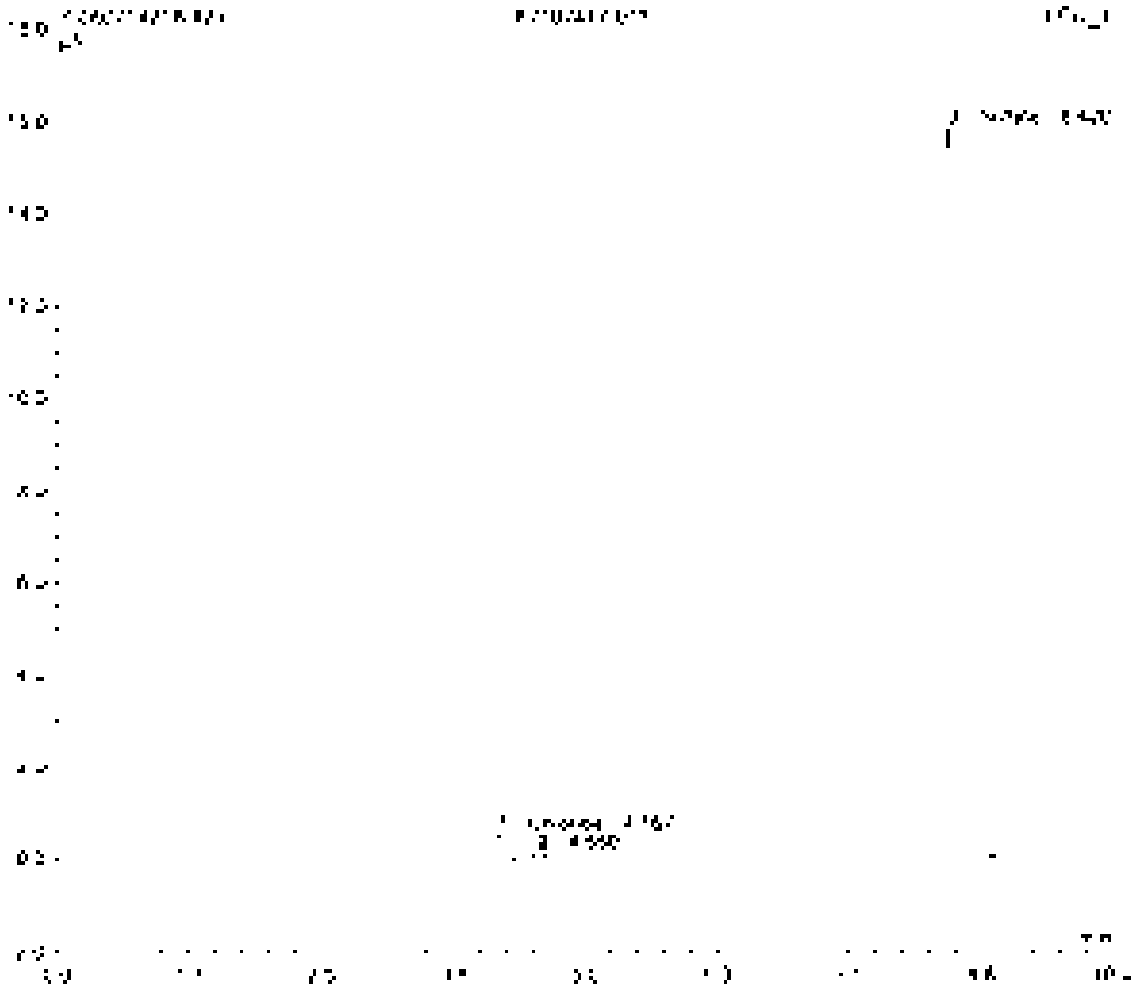
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Injection Source	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



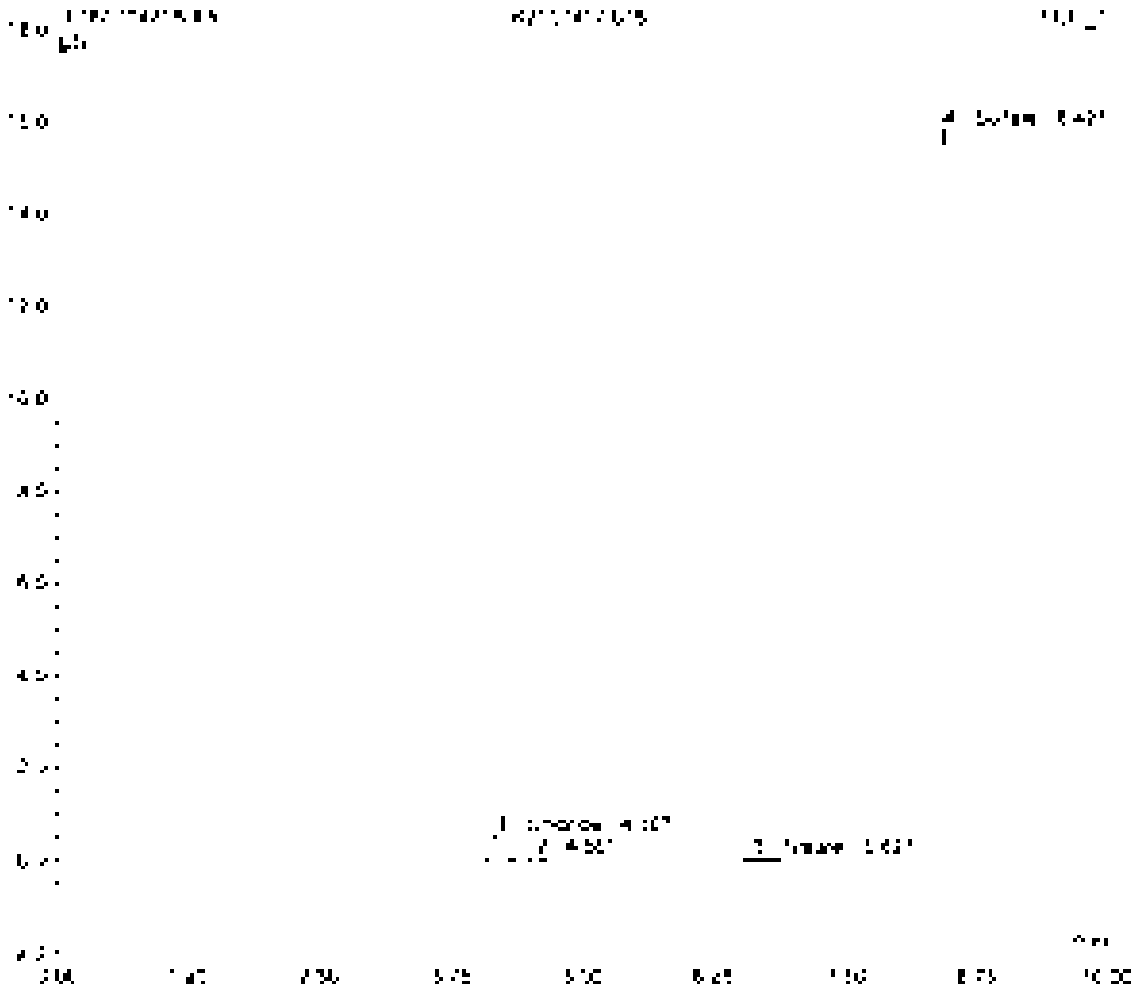
Sample Name	K2187413-016	Inj. Vol	25.0
Sample Type	unknown	Dilution Factor	20.0000
Program	300 lic	Operator	n.a.
Inj. Date/Time	14/07/21 23:57	Run Time	18.00

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
1	[illegible]	[illegible]	BM	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	BM1	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



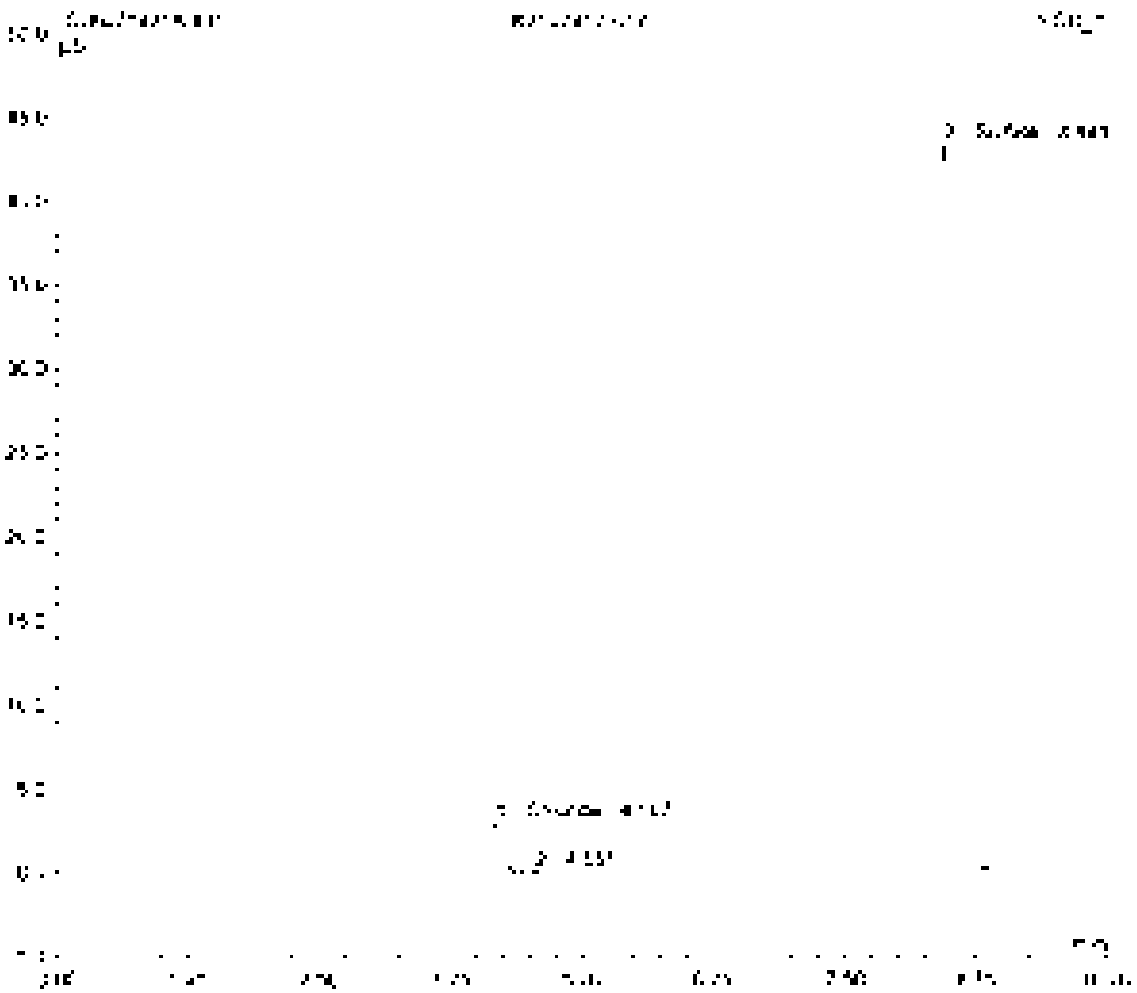
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	300 Dc	Operator	[illegible]
RT Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



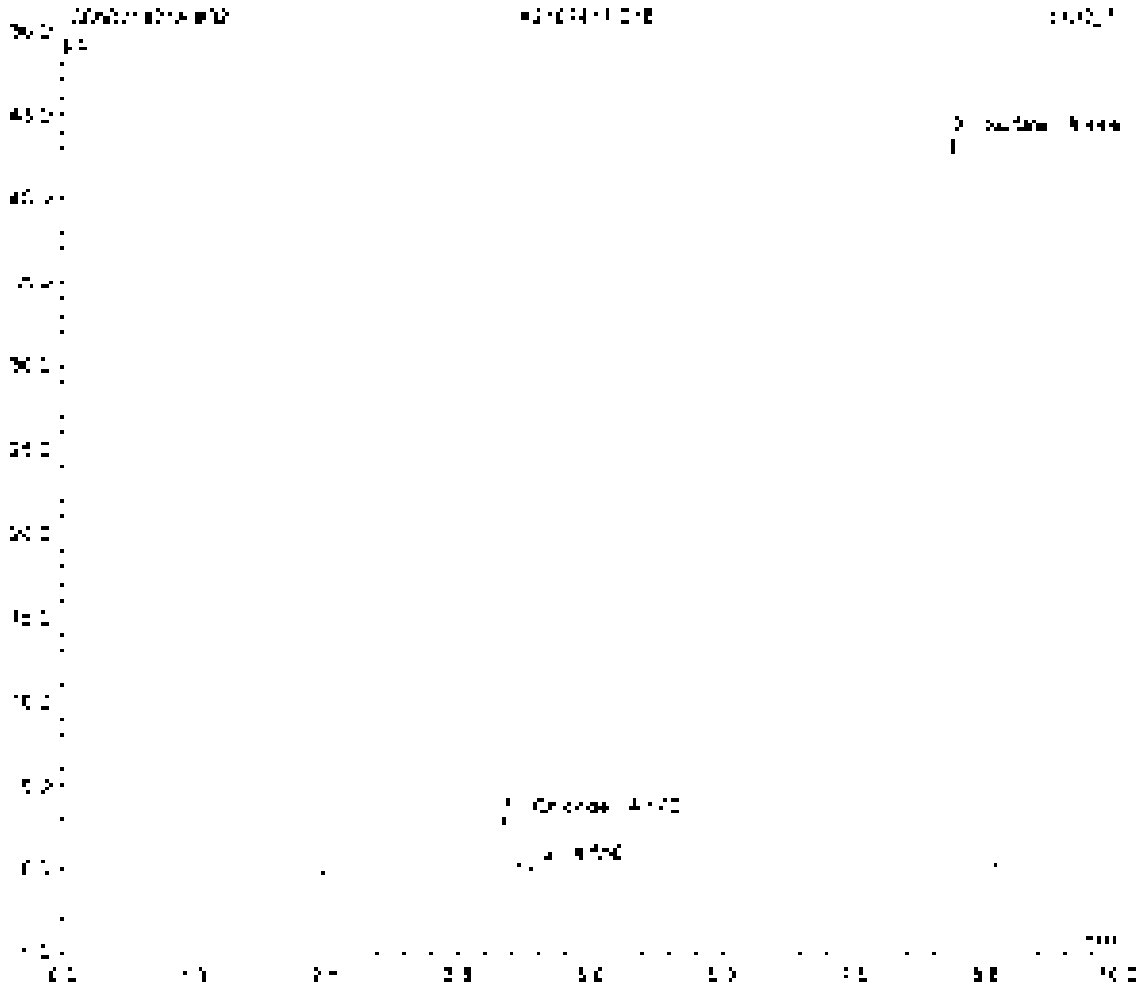
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
1	[illegible]	Chloride	BM	[illegible]	[illegible]	[illegible]
2	[illegible]	Sulfate	BMB	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



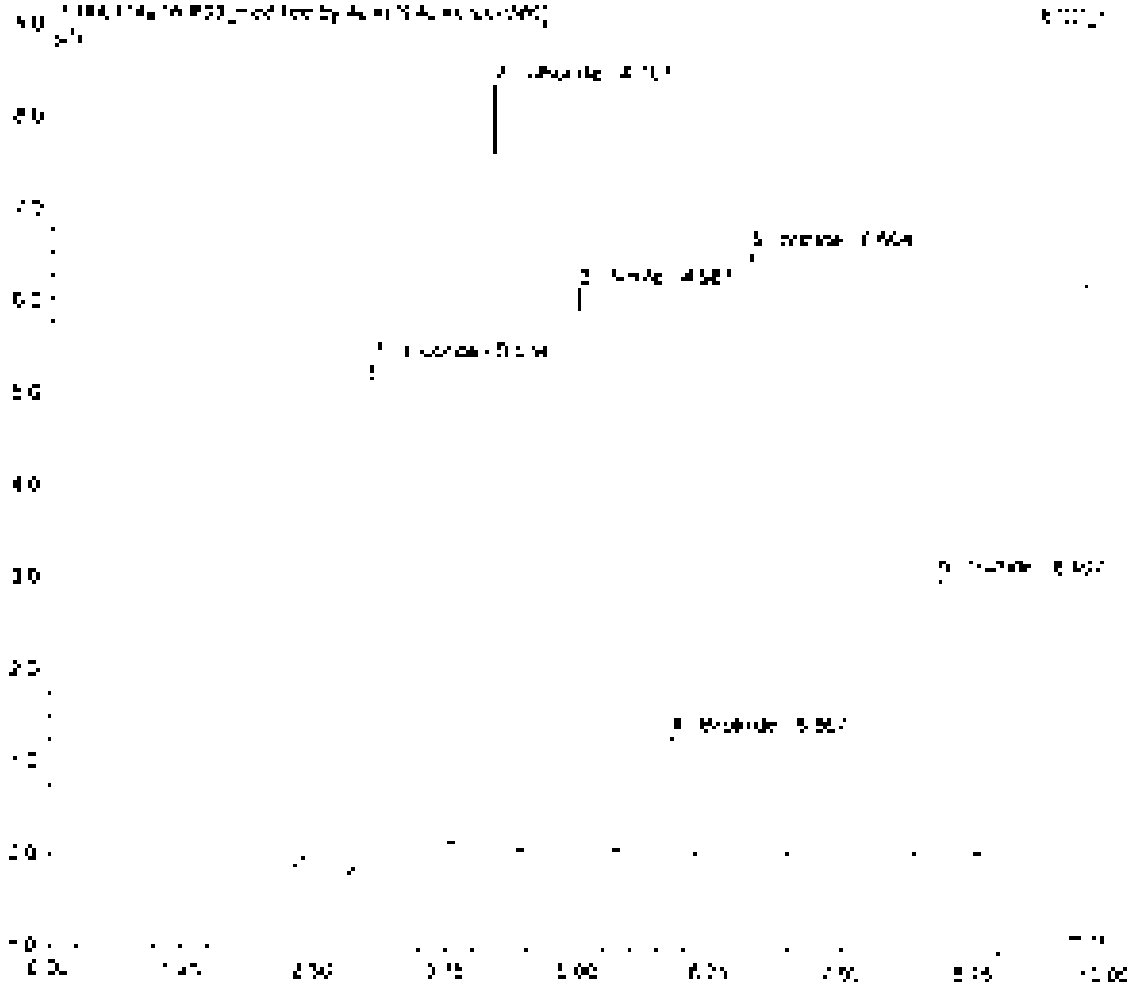
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



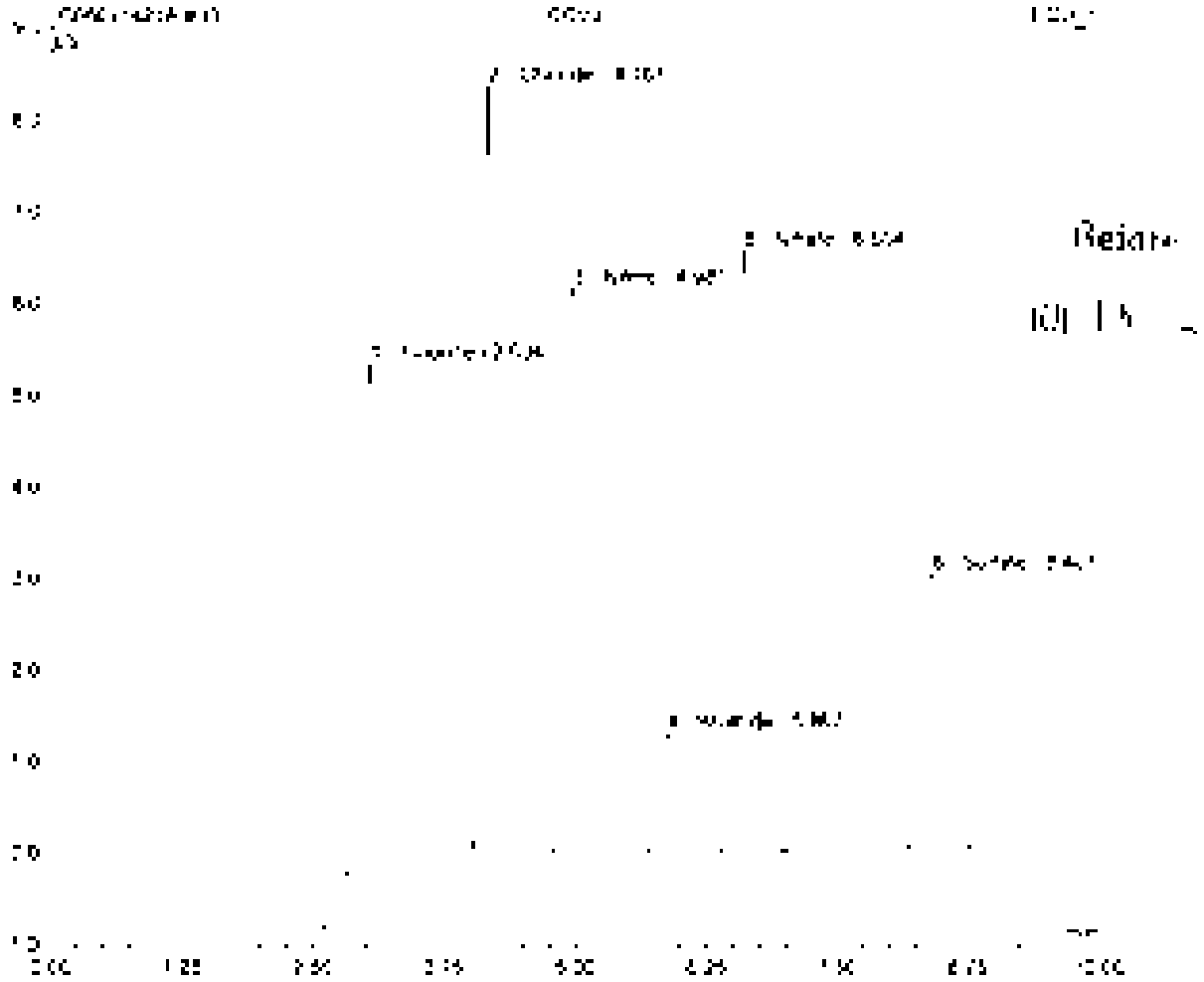
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	1.0000
Program	300_bc	Operator	[illegible]
Inj. Date/Time	15/07/21 00:38	Run Time	10.00

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



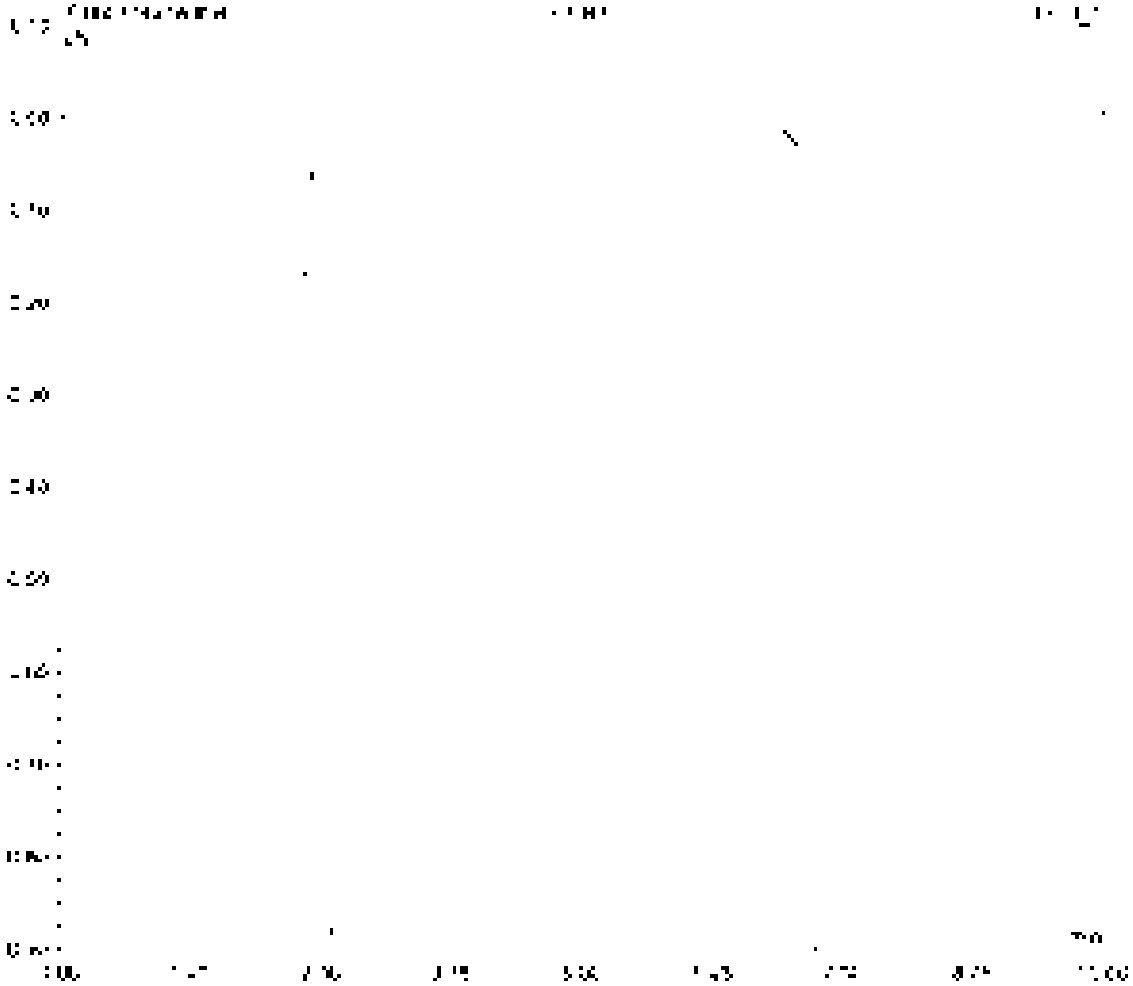
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µV*min	Height µV	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



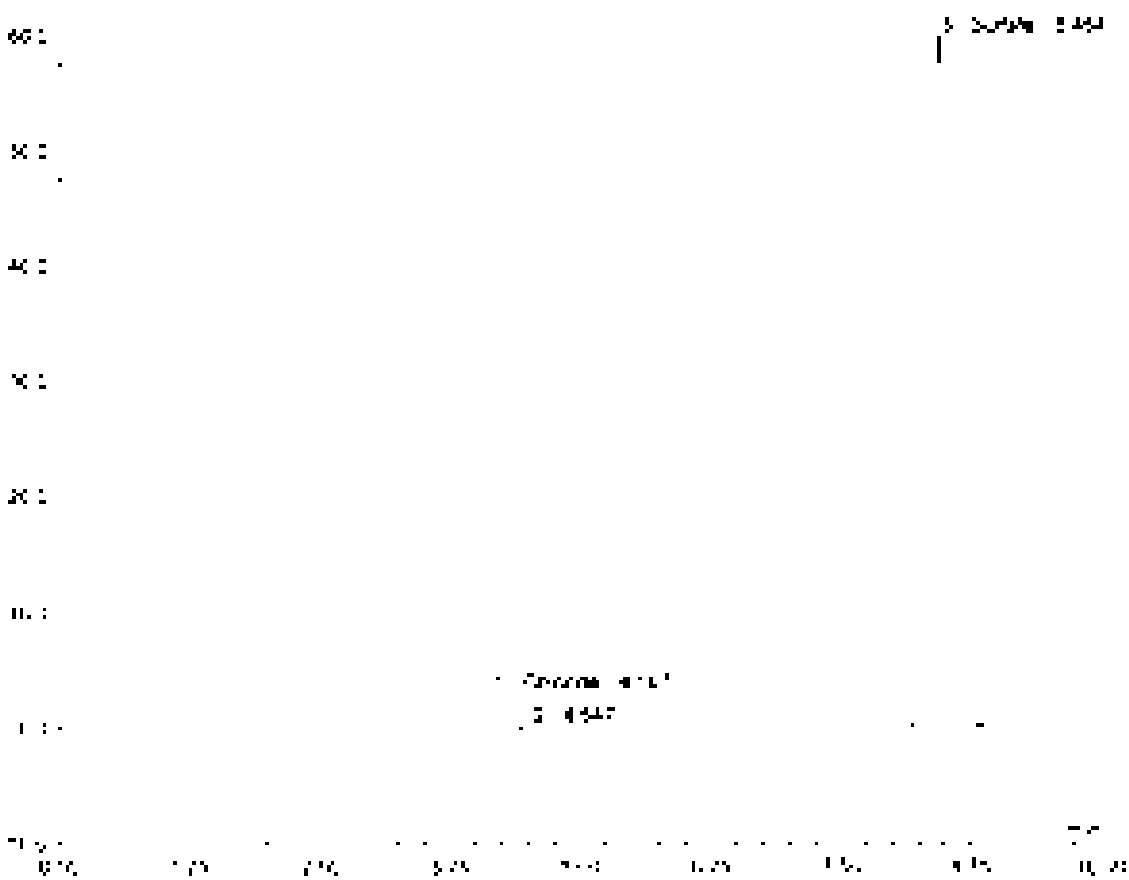
Sample Name	[illegible]	Inj. Vol	25.0
Sample Type	unknown	Dilution Factor	1.0000
Program	[illegible]	Operator	n/a
Inj. Date/Time	[illegible]	Run Time	10.00

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
		TOTAL		0.00	0.00	0.00



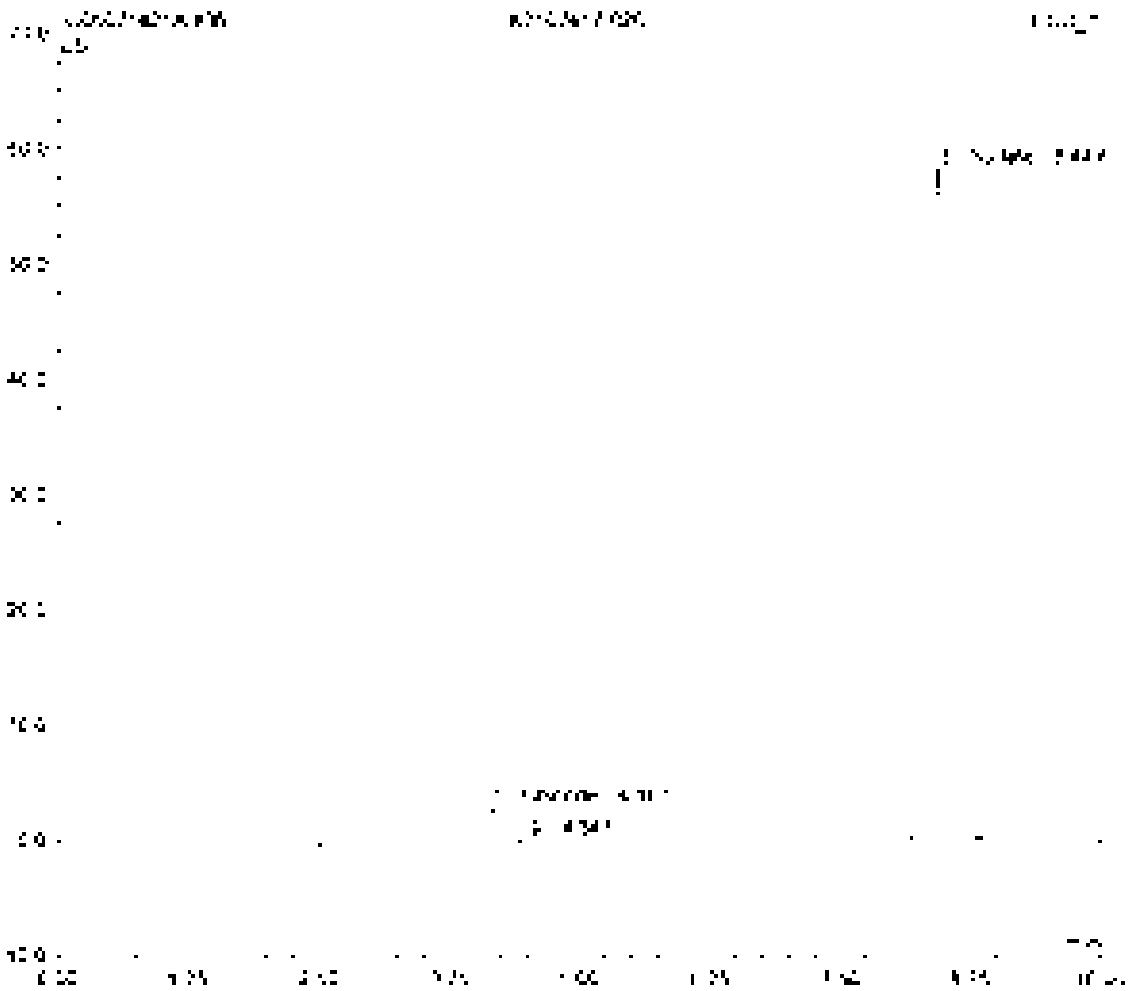
Sample Name	[illegible]	Inj Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



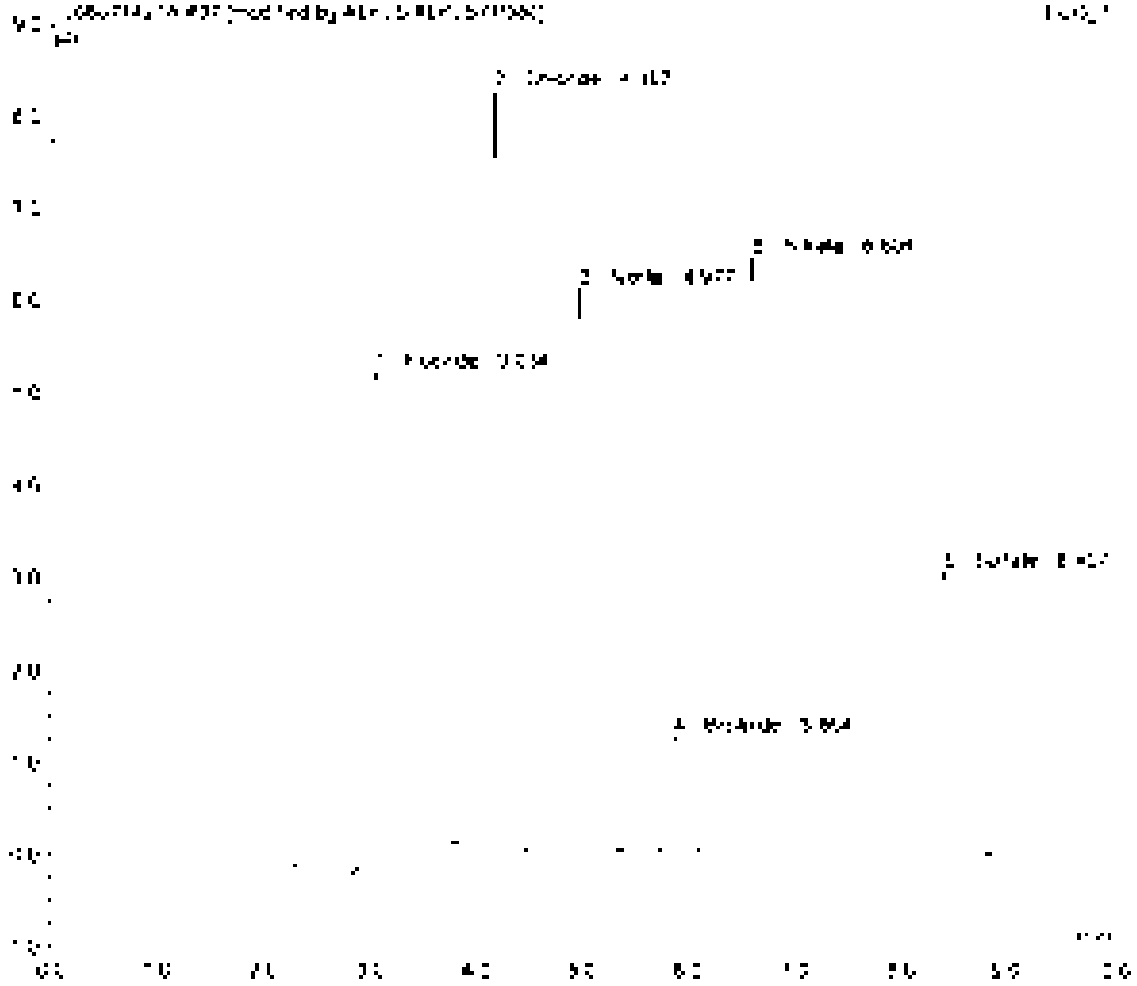
Sample Name	[illegible]	Inj Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



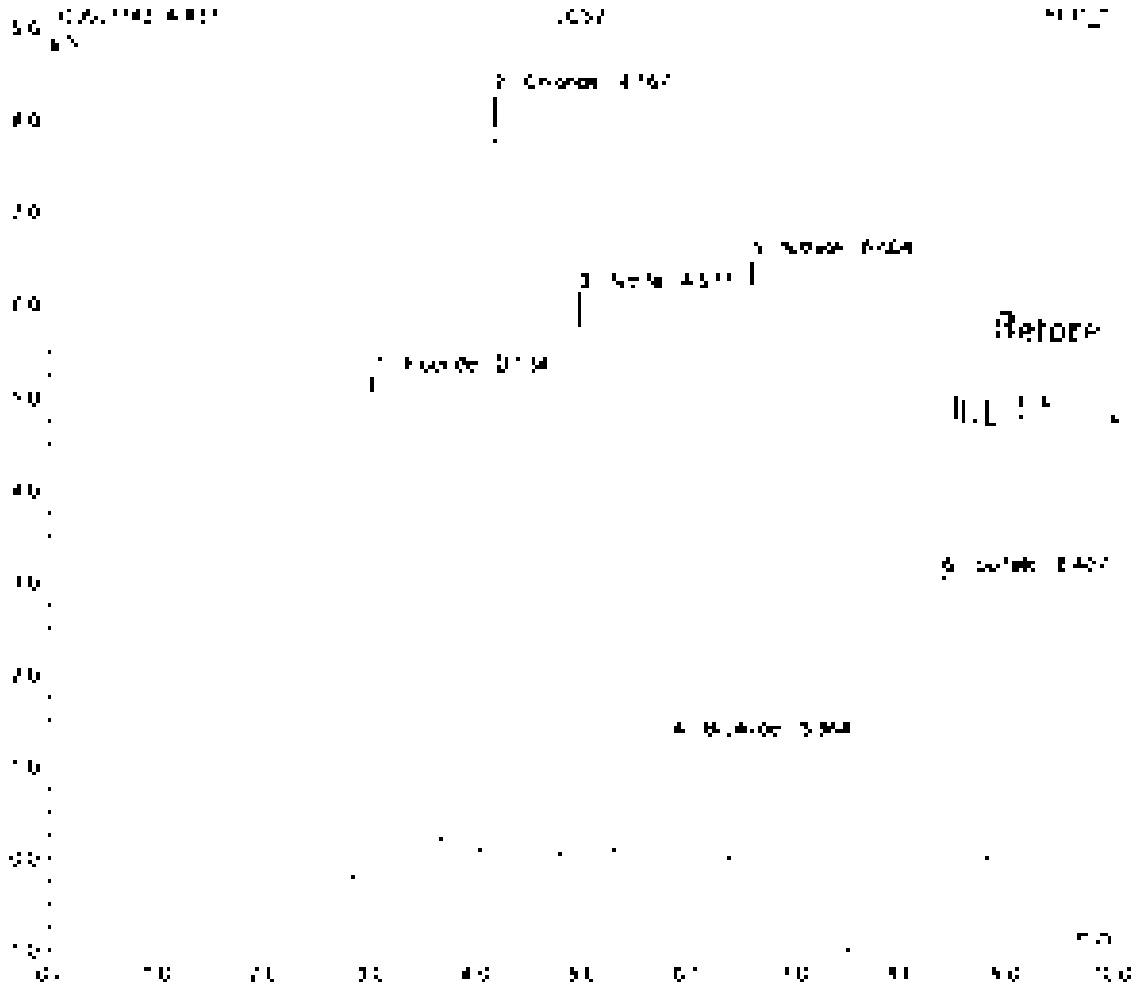
Sample Name	LC31	Inj. Vol	3.0
Sample Type	unknown	Dilution Factor	1.0000
Program	300_5c	Operator	n.a.
Inj. Date/Time	1997/01 01:36	Run Time	31.00

No.	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total				[illegible]	[illegible]	[illegible]


[illegible]
Chloride 3.964
[illegible]
[illegible]
[illegible]

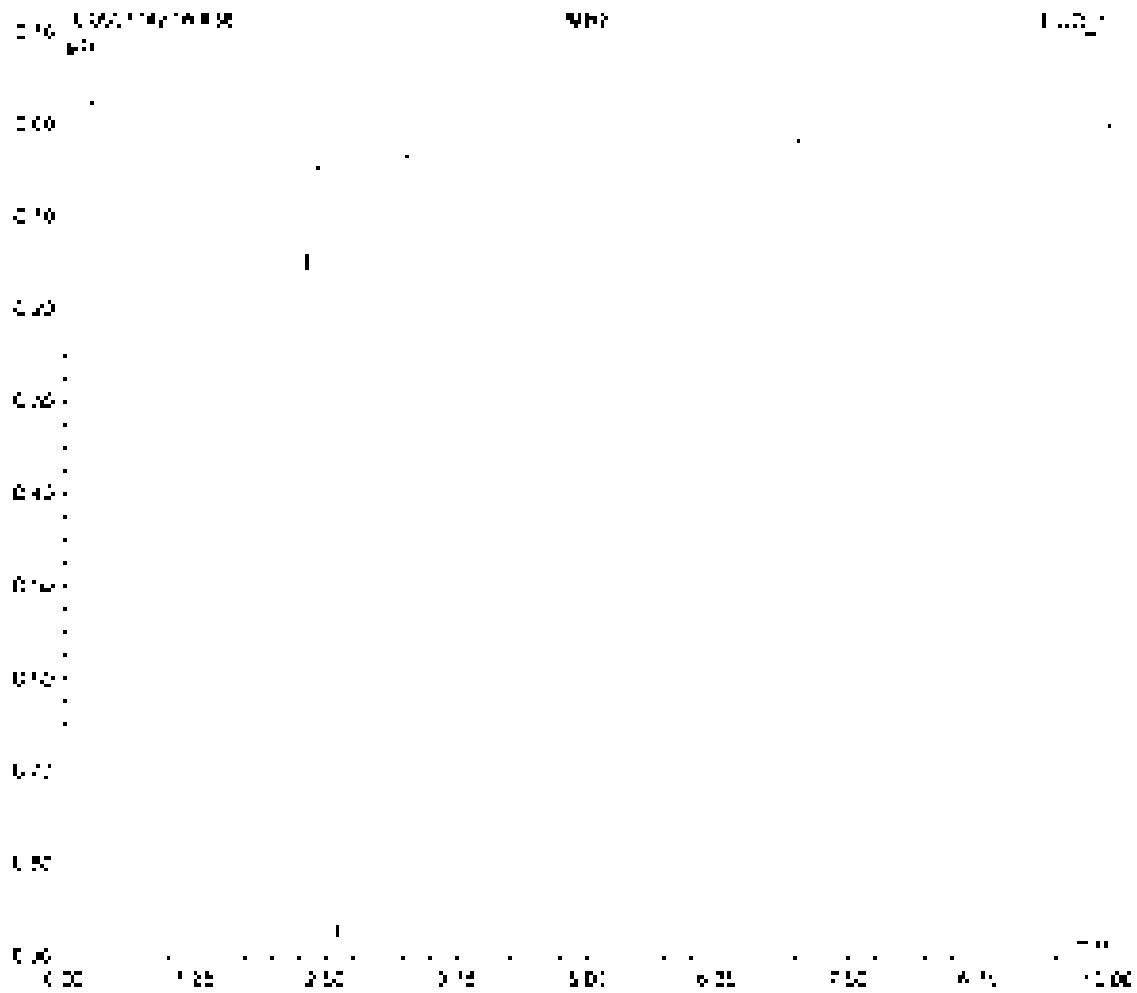
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	Unknown	Dilution Factor	1.0000
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



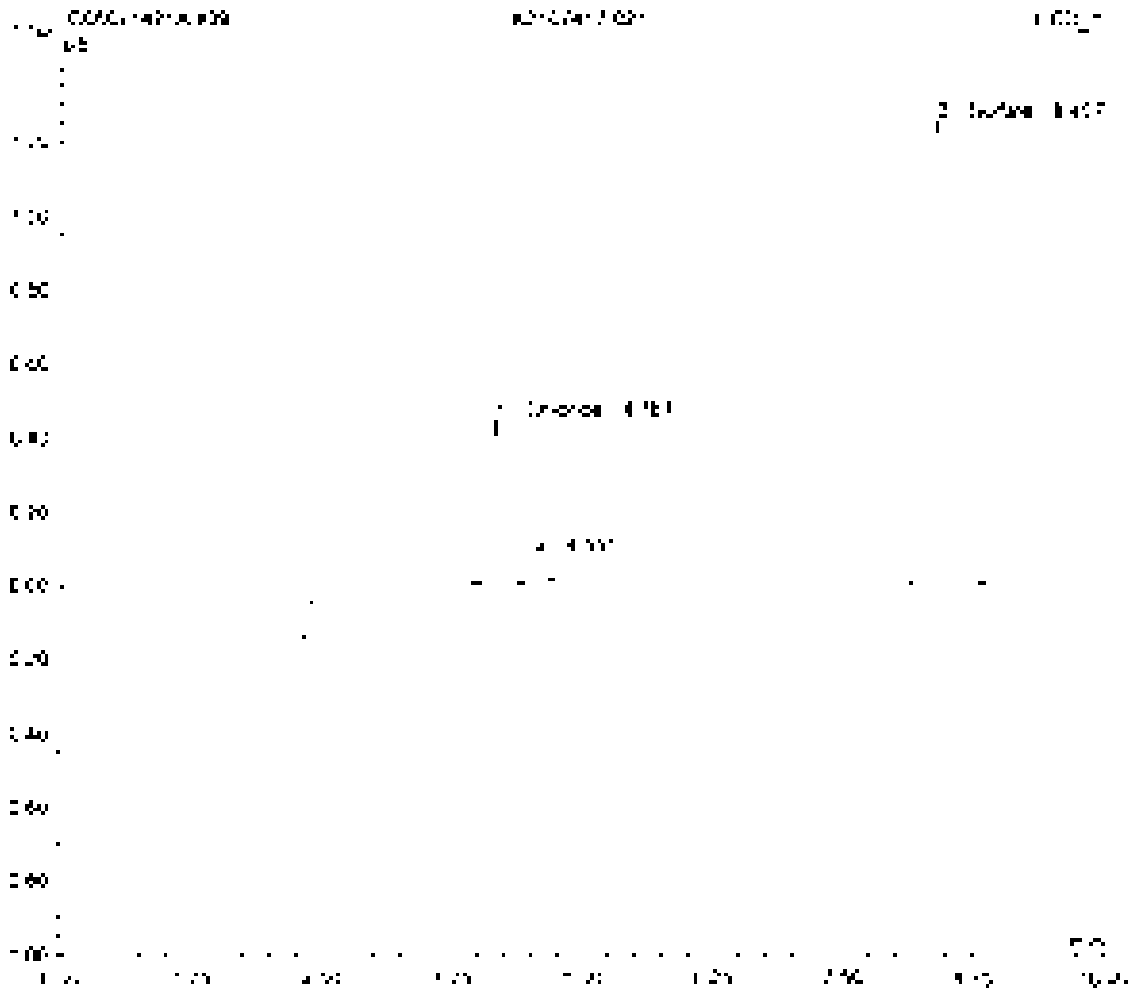
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	1.0000
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
		TOTAL		[illegible]	[illegible]	[illegible]



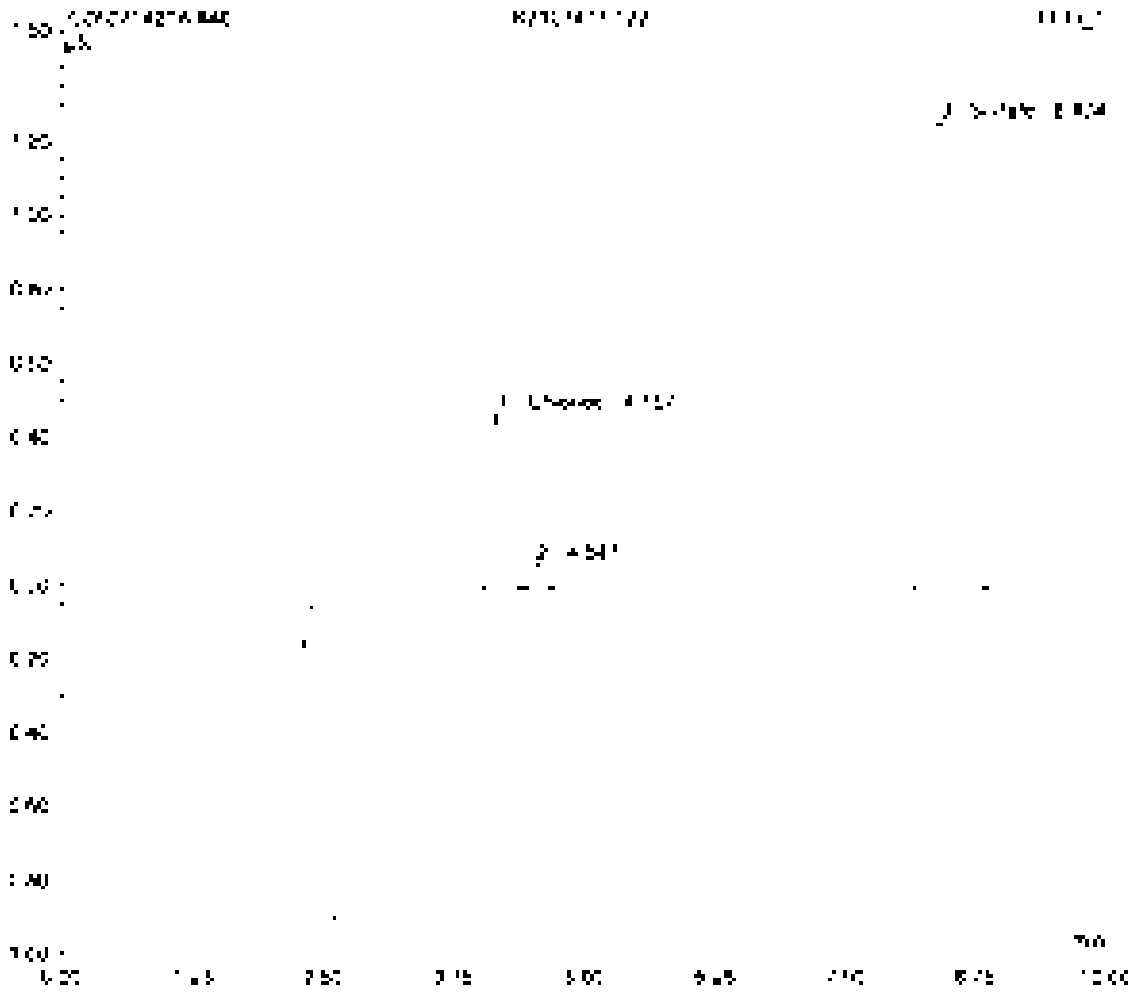
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Max. Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



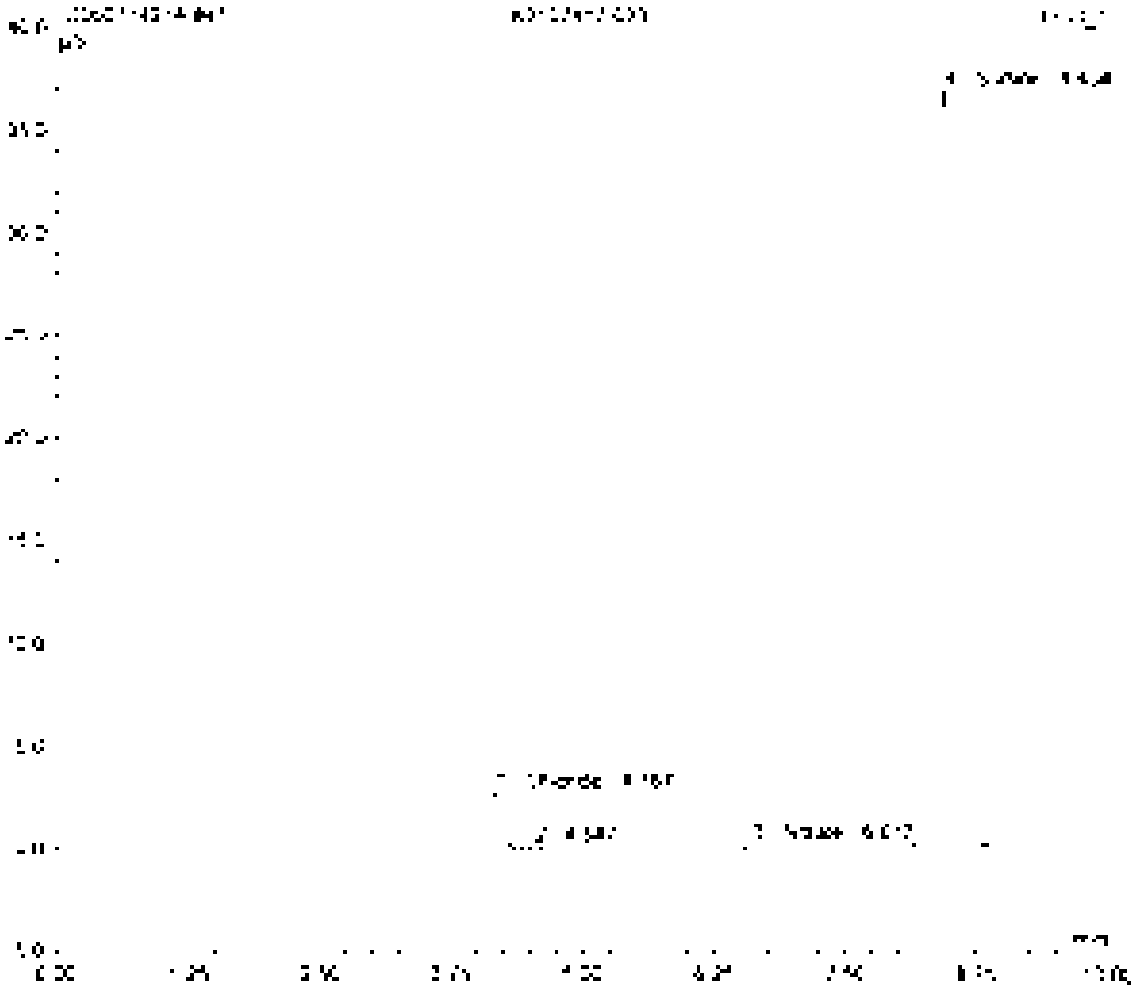
Sample Name	[illegible]	Inj Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



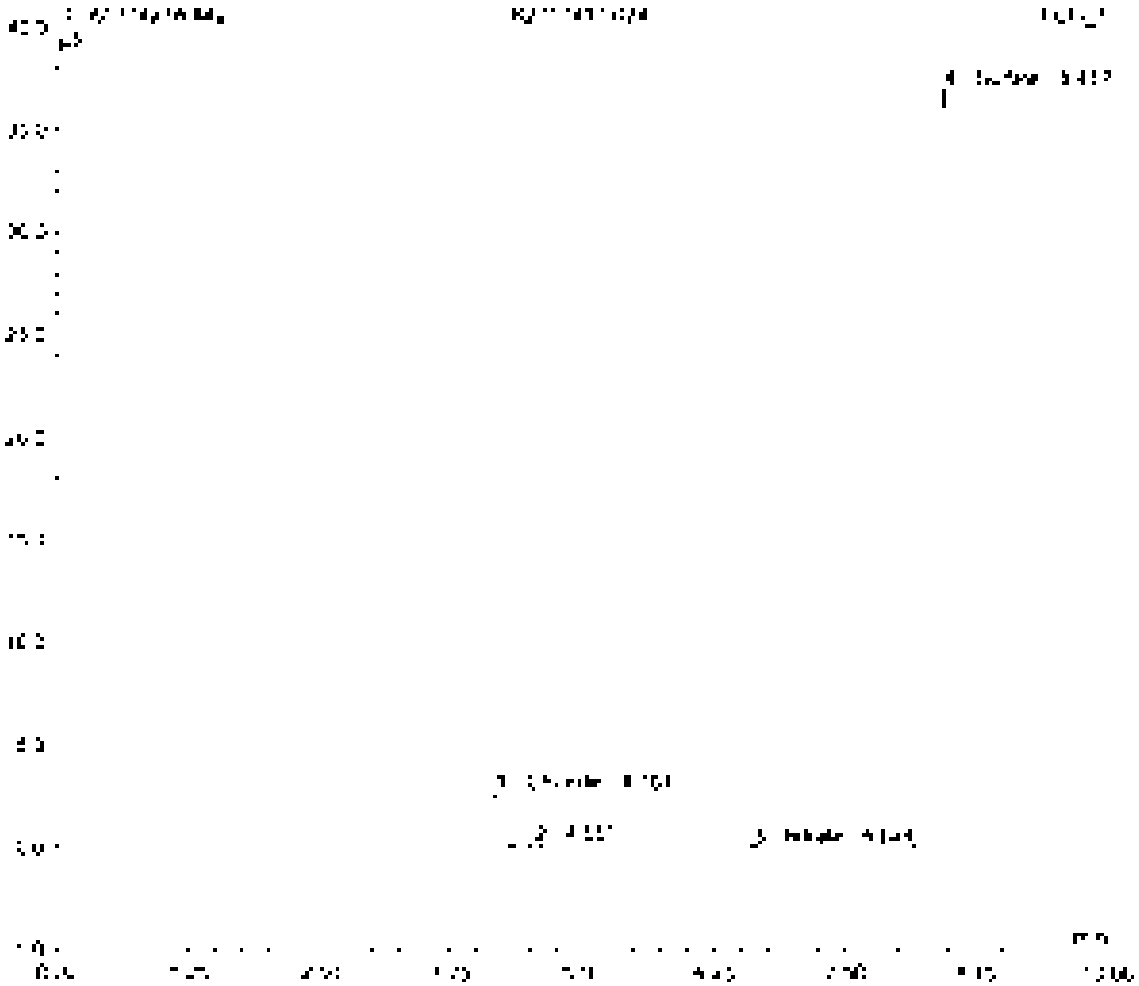
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time (min)	Peak Name	Type	Area (µS*min)	Height (µS)	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



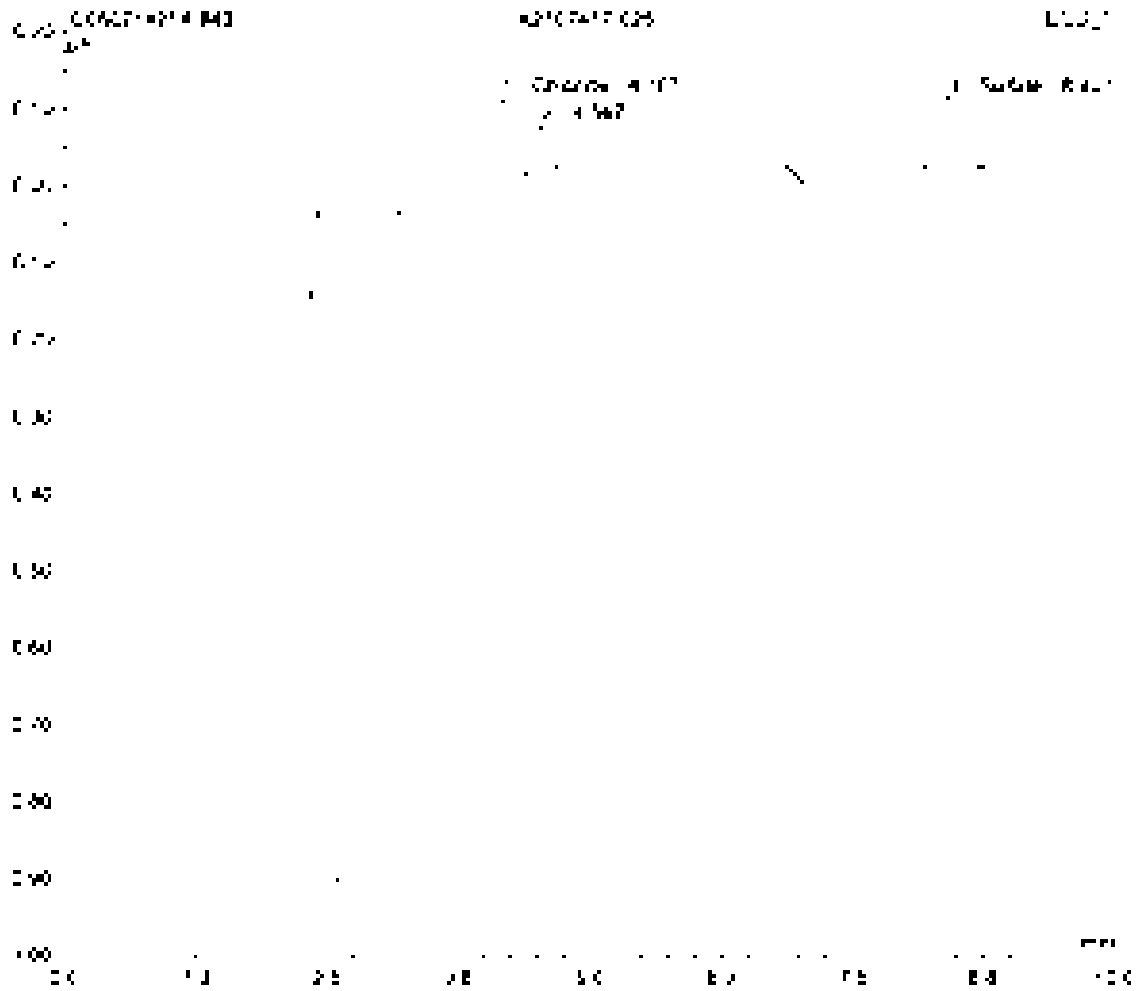
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



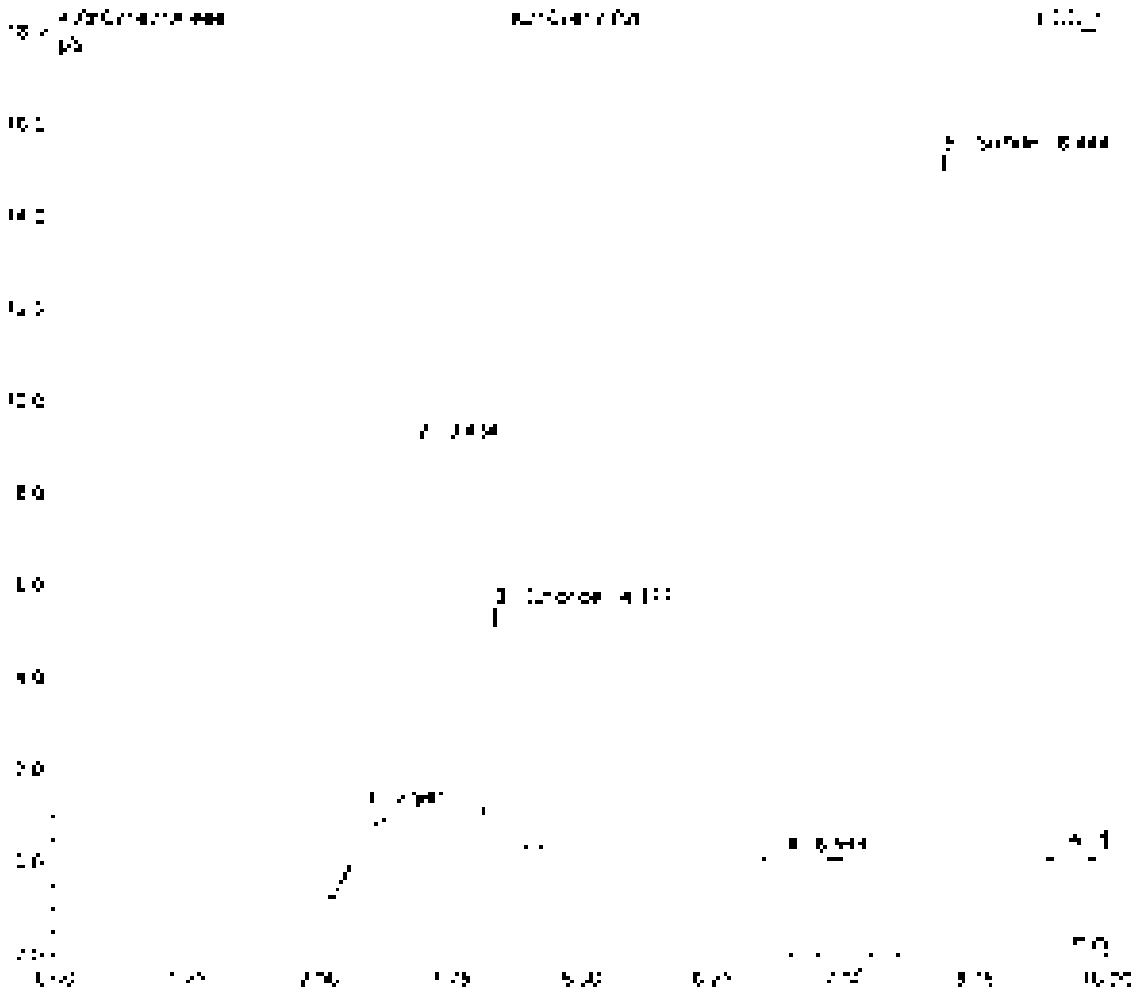
Sample Name	[illegible]	Vial No.	[illegible]
Sample Type	Unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µV*min	Height µV	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



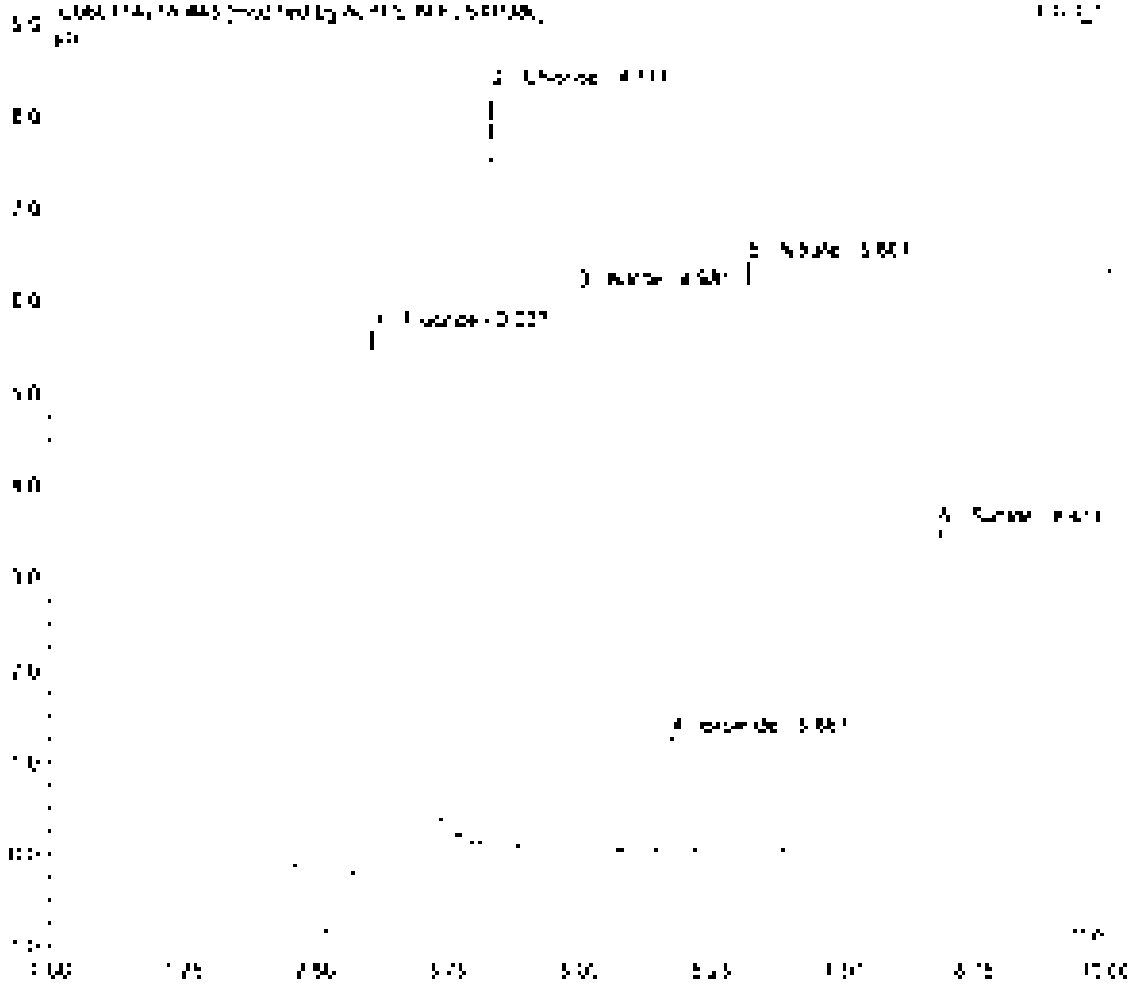
Sample Name	[illegible]	Inj. Vol	20.0
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
2	[illegible]	Chloride	BV	[illegible]	[illegible]	[illegible]
3	[illegible]	Sulfate	BMB	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



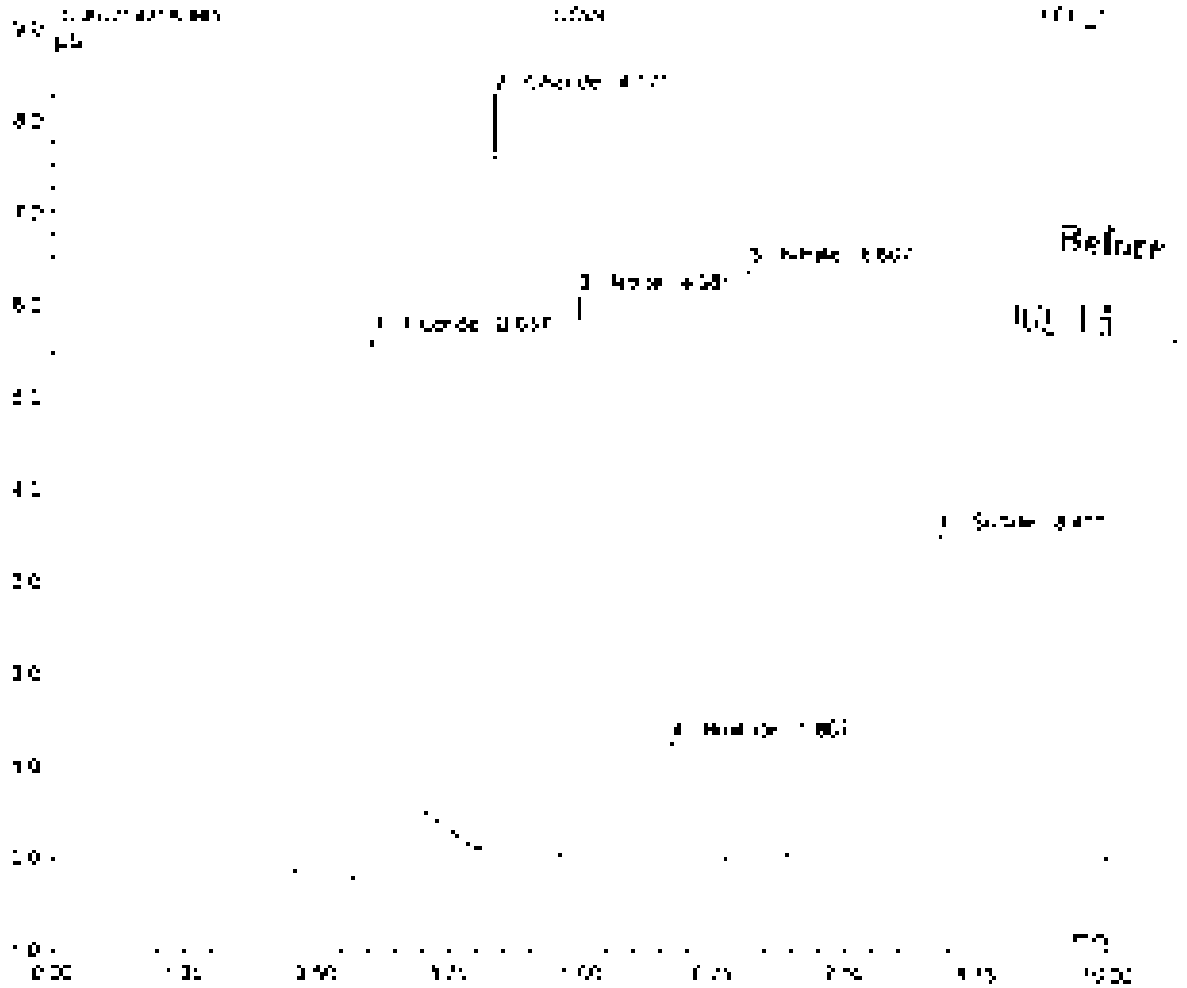
Sample Name	[illegible]	Vial No.	[illegible]
Sample Type	[illegible]	Dilution Factor	1.0000
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



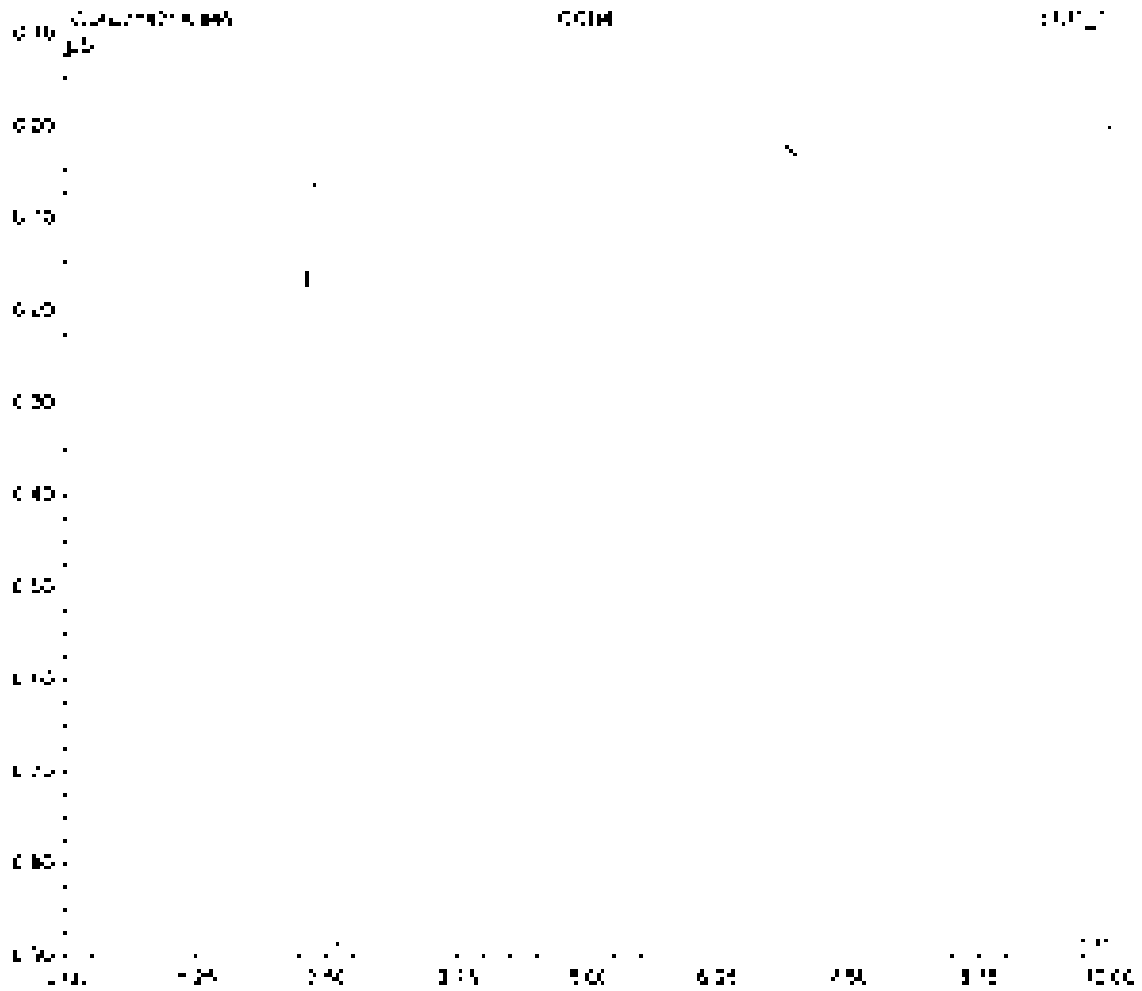
Sample Name	CCV1	Inj. Vol	20.0
Sample Type	unknown	Dilution Factor	1.9999
Program	300_Dc	Operator	n/a
Inj. Date/Time	1/15/2021 02:49	Run Time	10.00

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	BM	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	MM	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	MMM	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



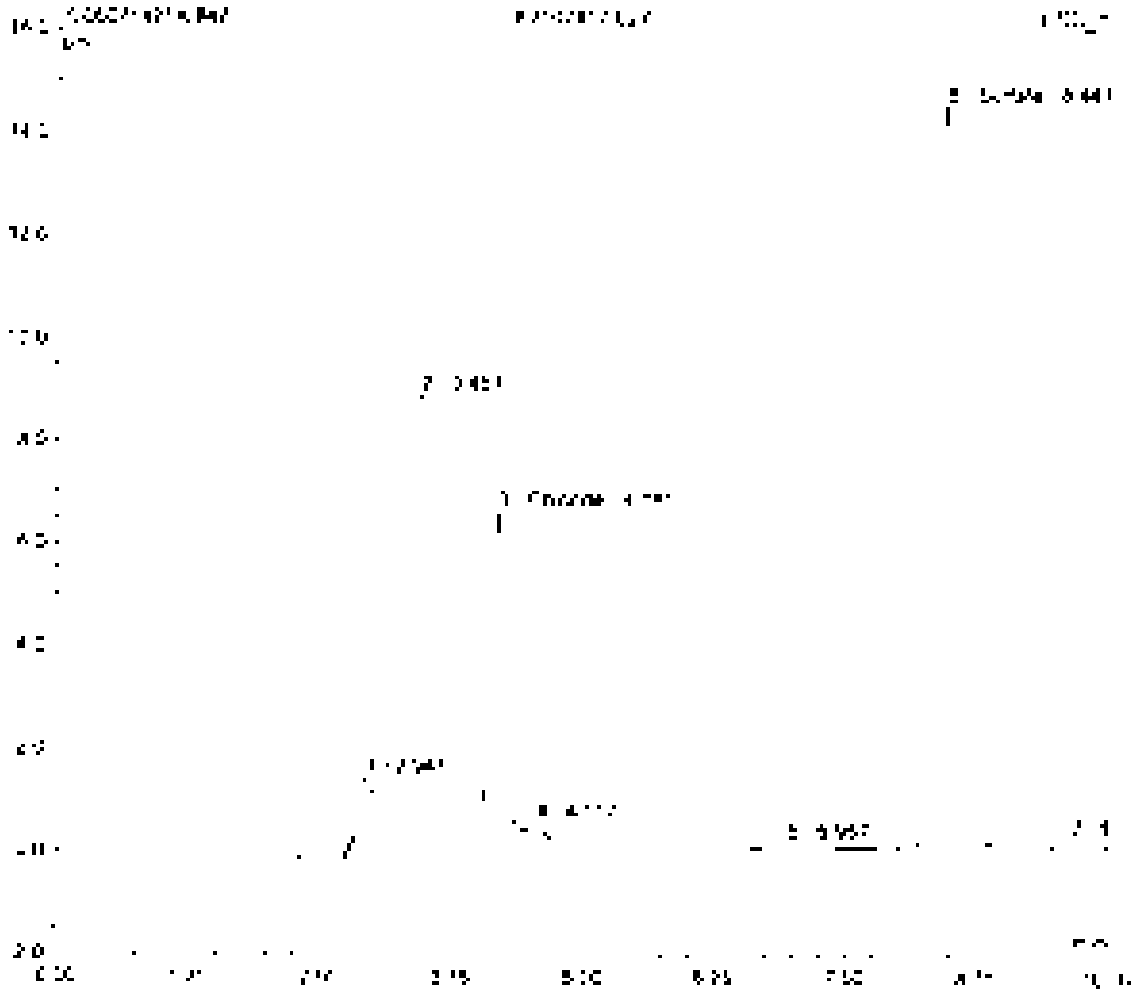
Sample Name	DC84	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Acq. Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
		TOTAL		[illegible]	[illegible]	[illegible]



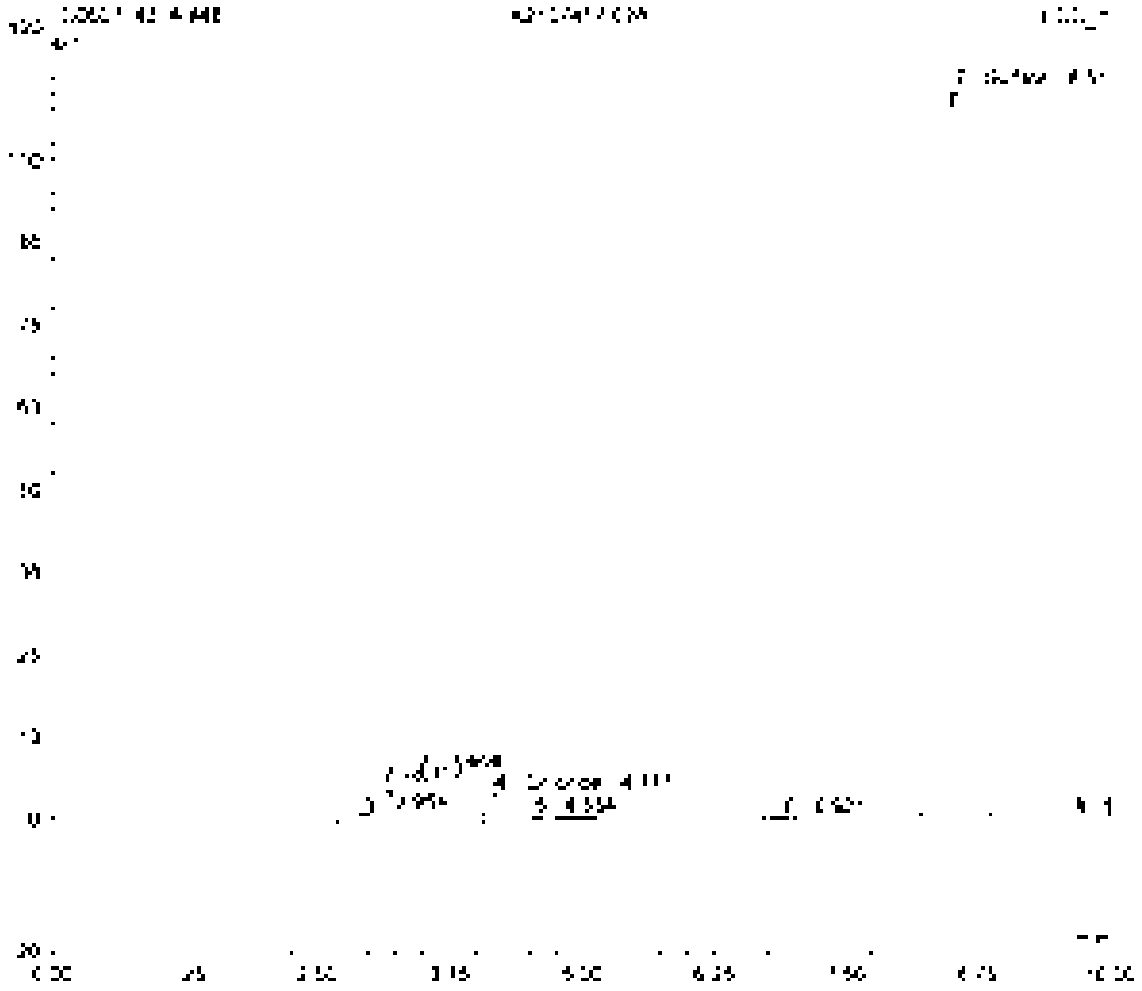
Sample Name	[illegible]	Inj. Vol.	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µV*sec	Height µV	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



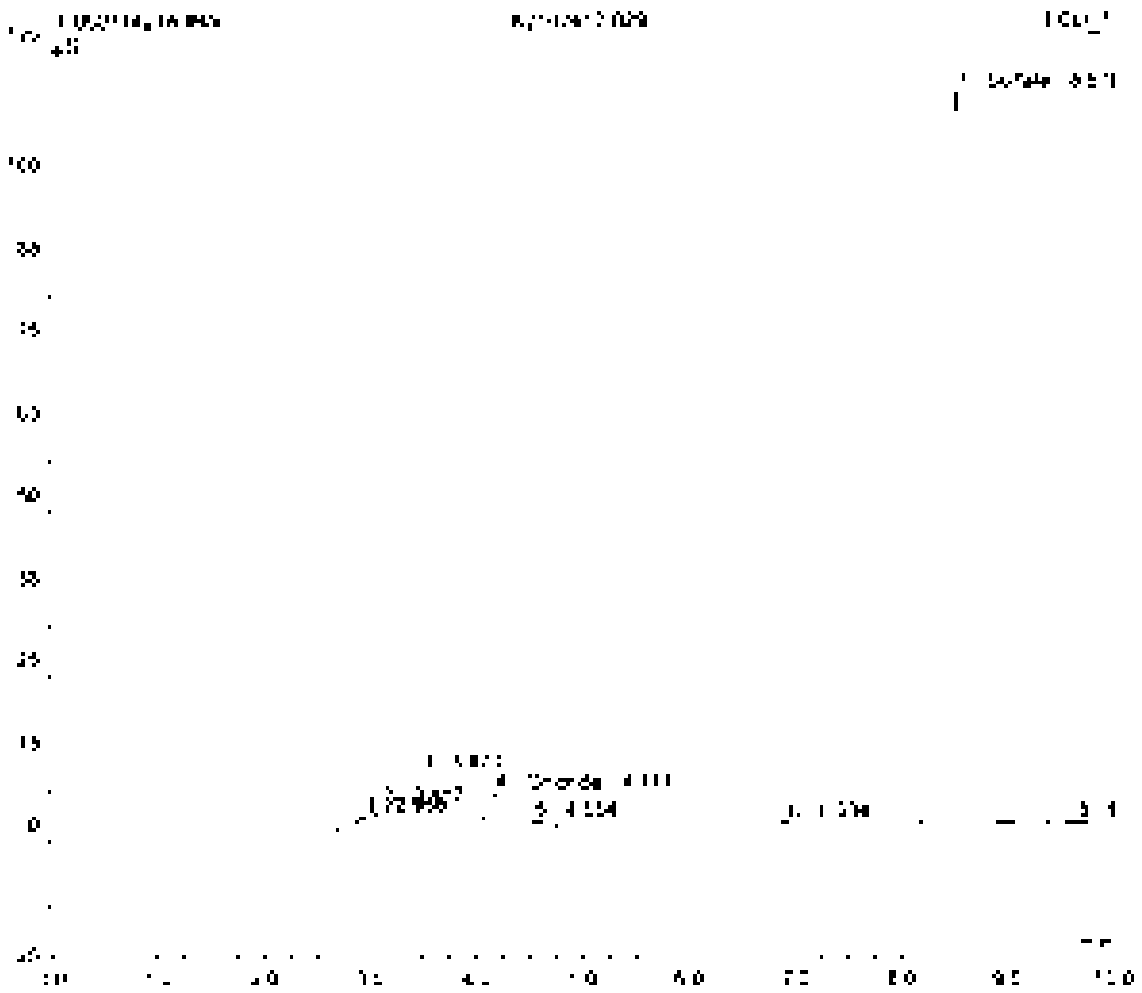
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible] 43:34	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



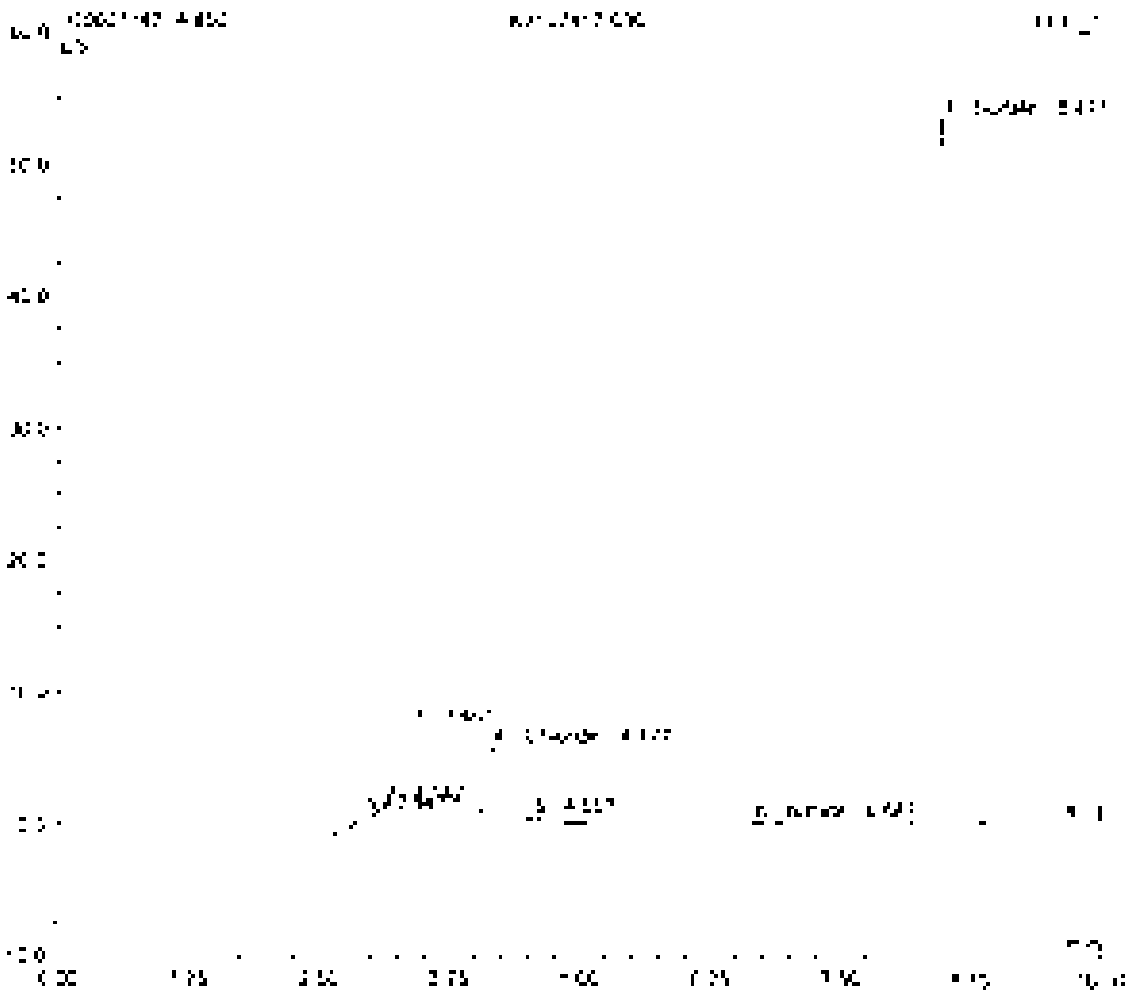
Sample Name	KH8741T-009	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	300_Ic	Operator	[illegible]
Inj. Date/Time	[illegible] 66:44	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	Chloride	BM	[illegible]	[illegible]	[illegible]
2	[illegible]	Sulfate	BM	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



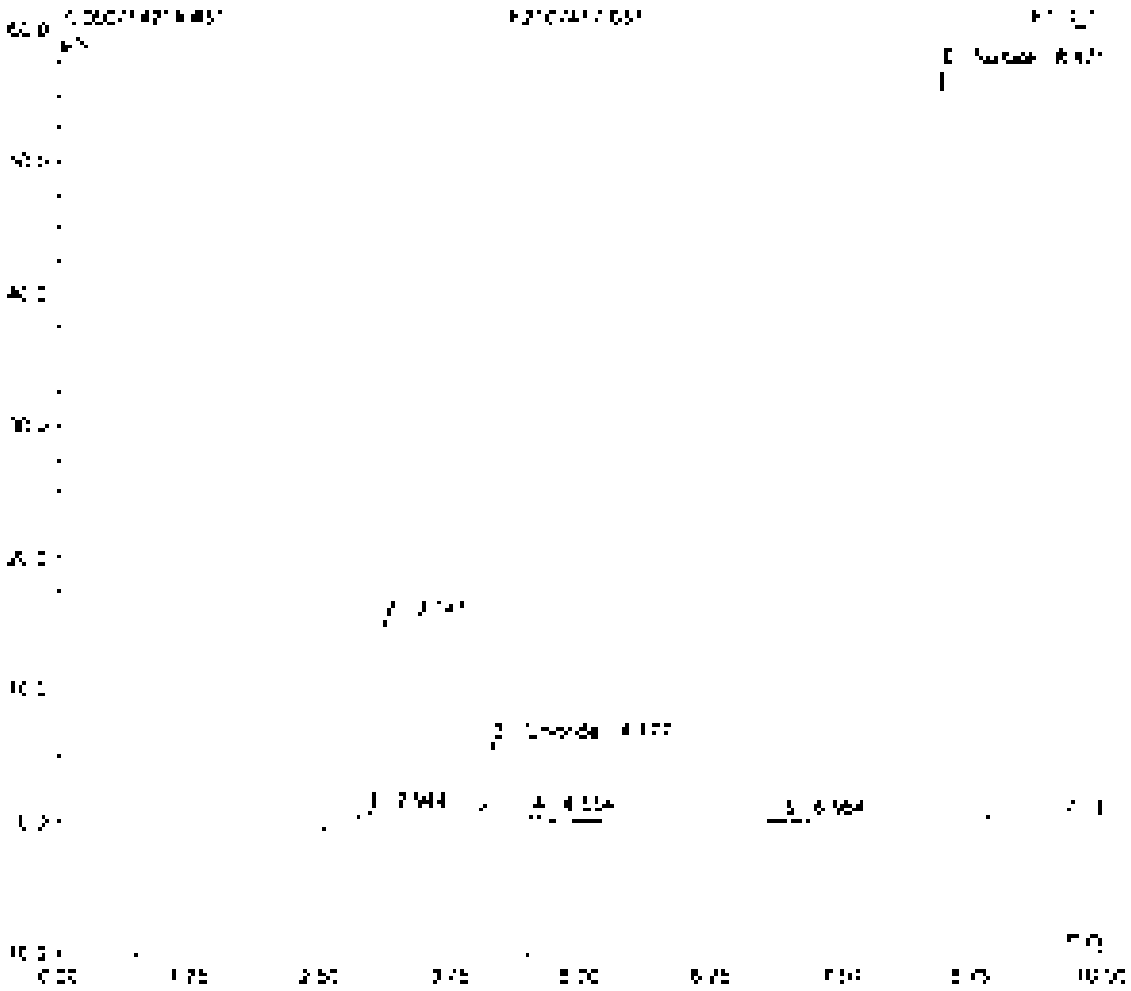
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µV*sec	Height µV	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



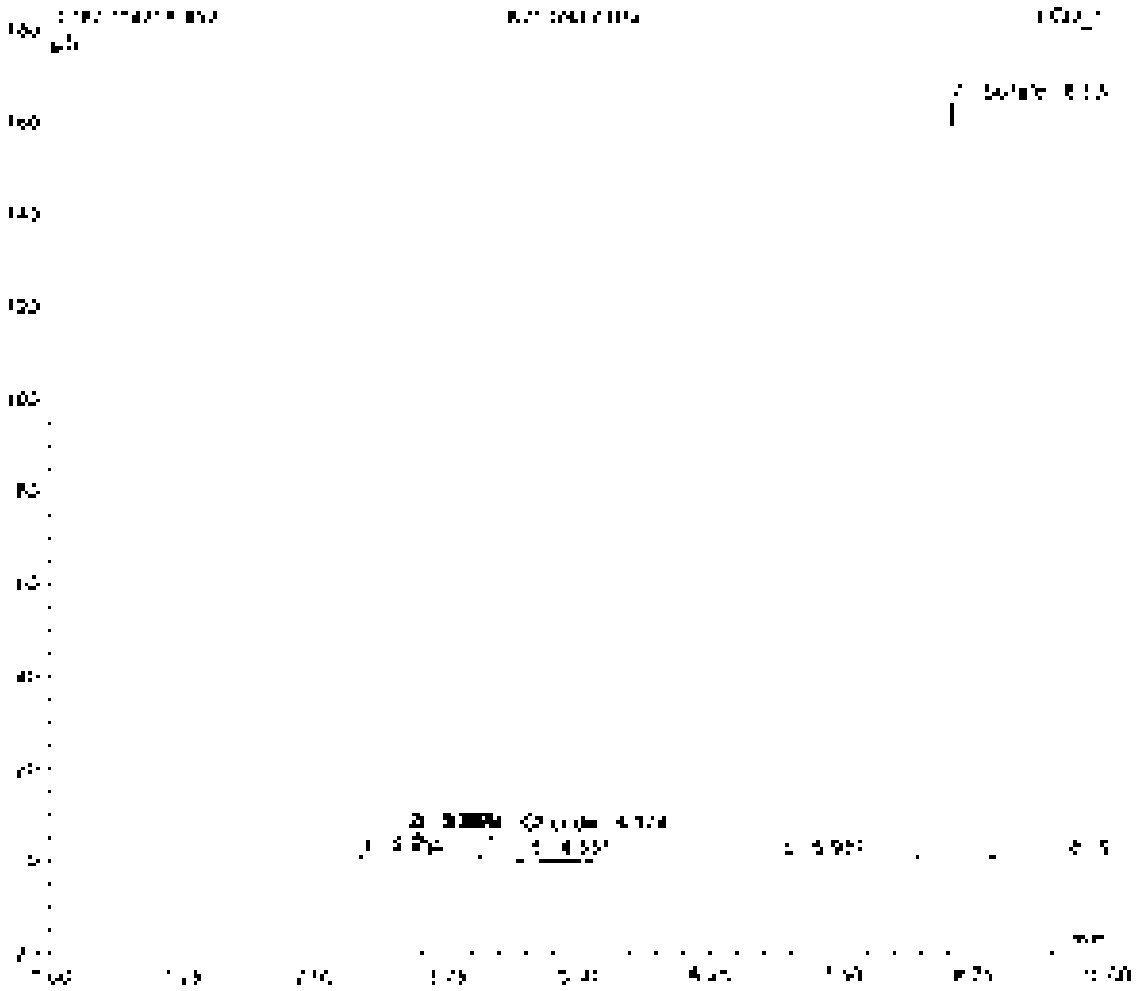
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n/a
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



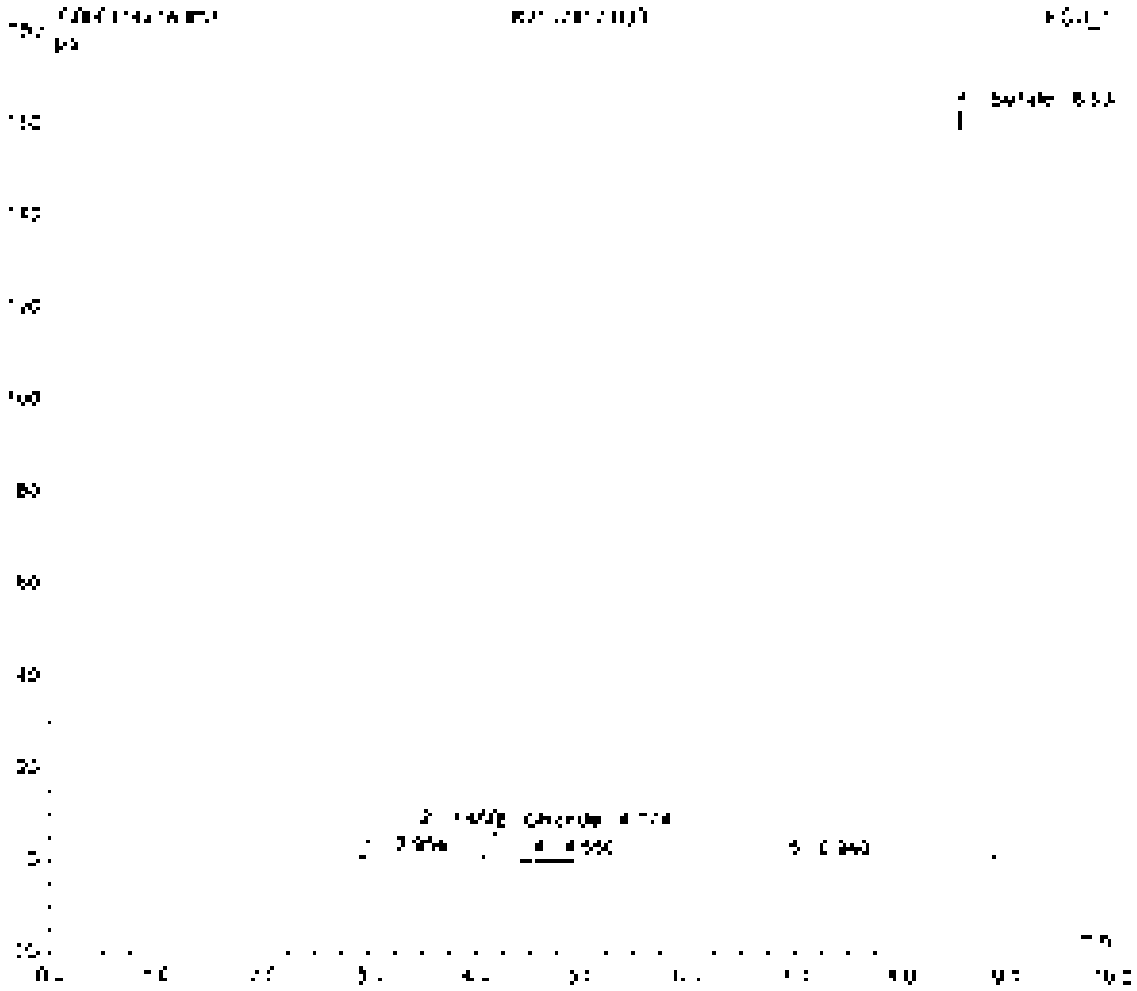
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	Unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time (min)	Peak Name	Type	Area (µS*min)	Height (µS)	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



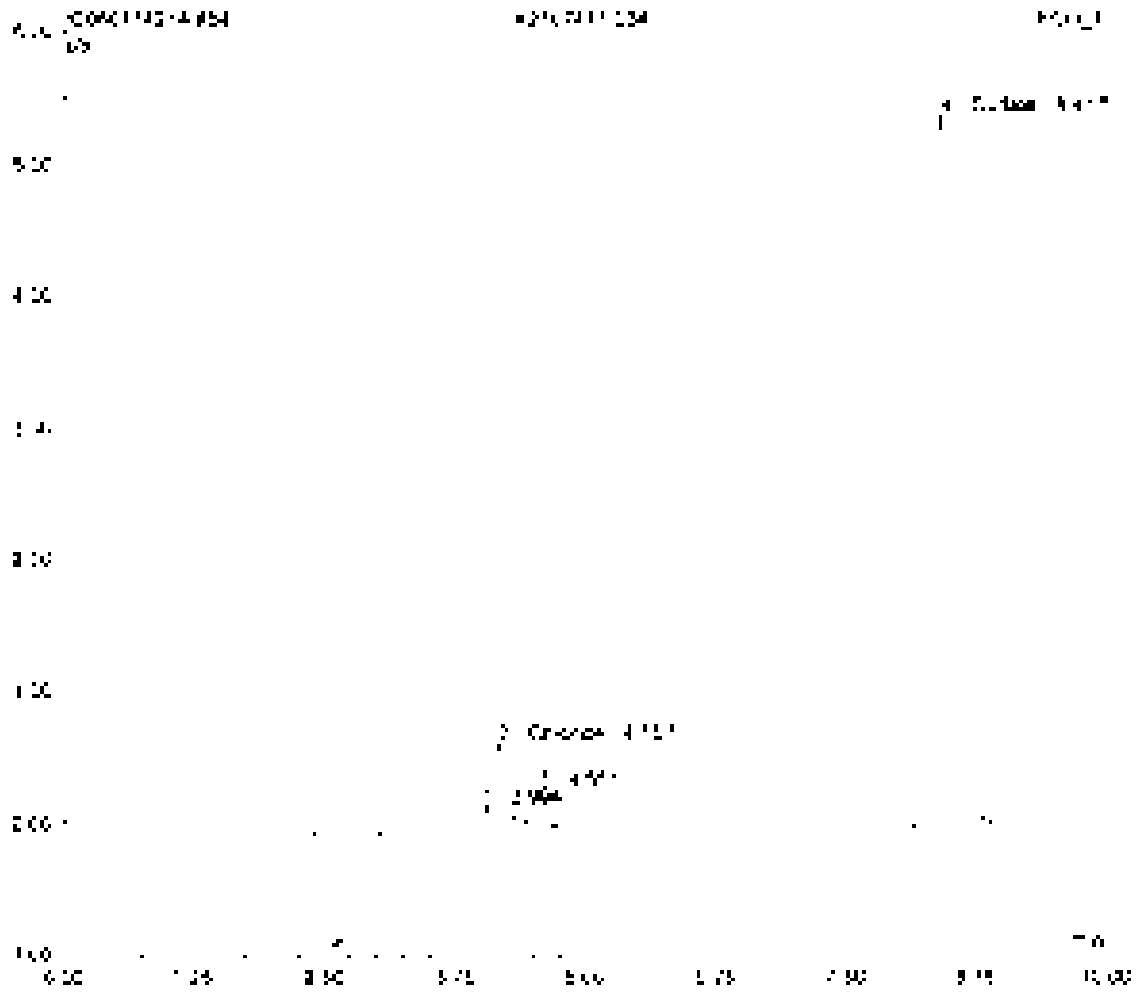
Sample Name	[illegible]	Inj Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	n/a
Inj Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



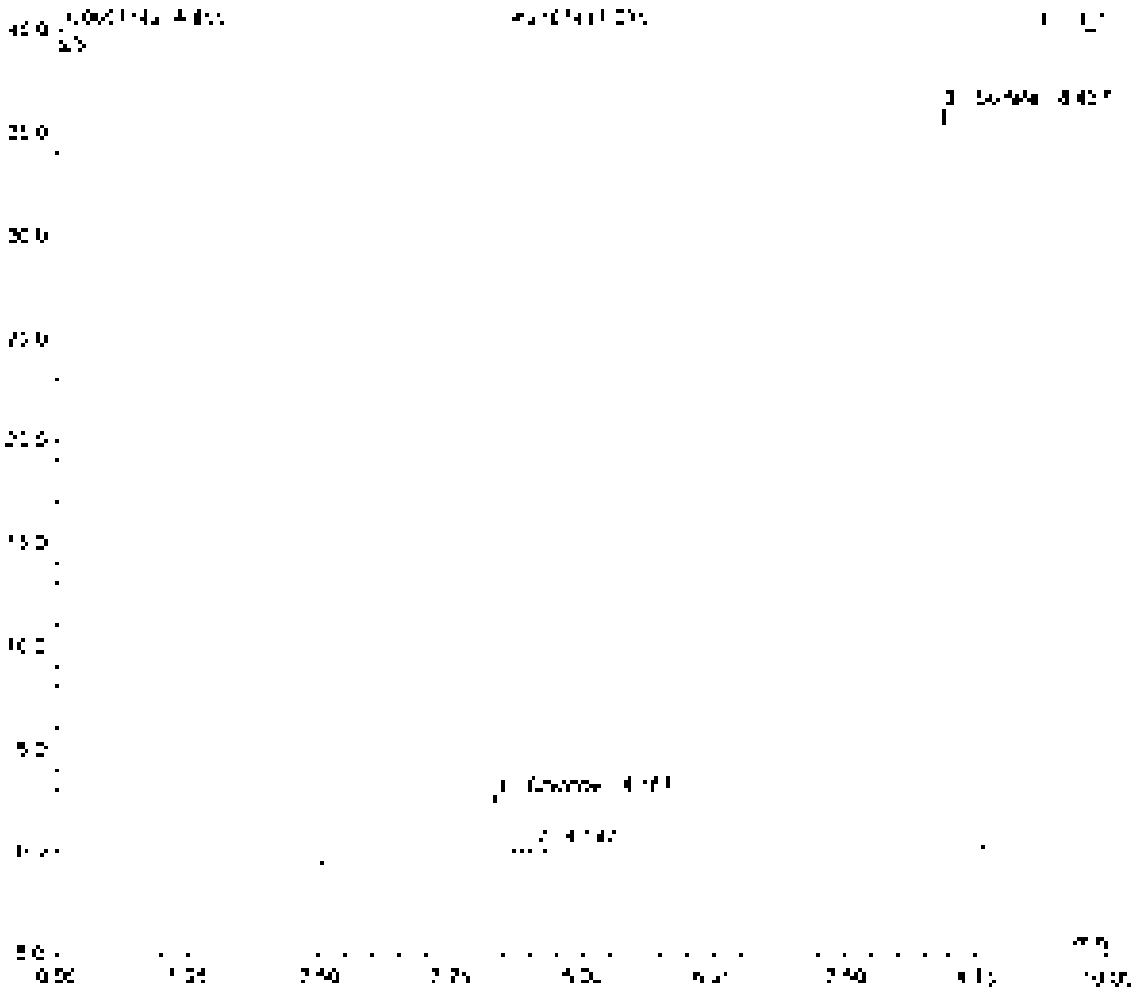
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	Unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time (min)	Peak Name	Type	Area (µV*min)	Height (µV)	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



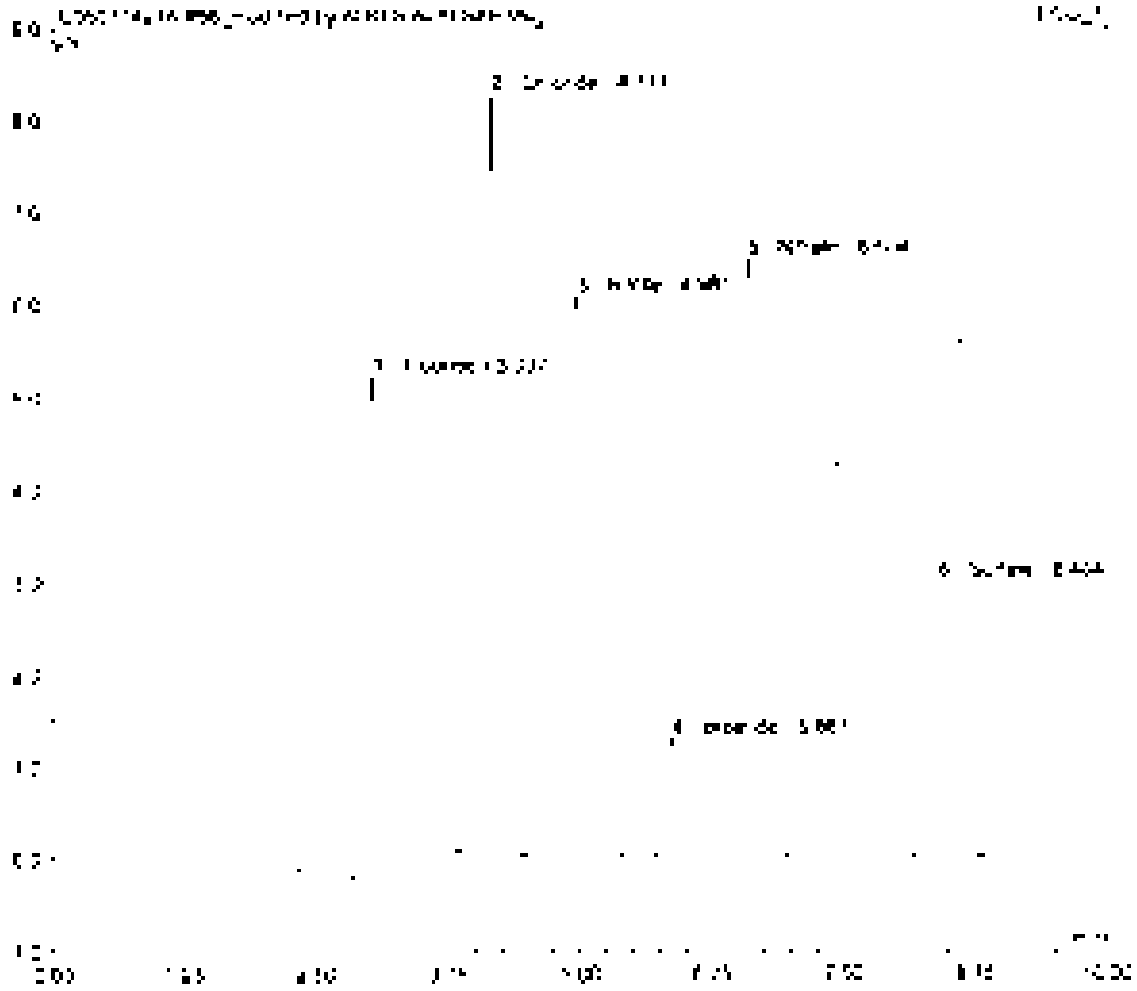
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]				[illegible]	[illegible]	[illegible]



Sample Name	CCV8	Inj Vol	10.0
Sample Type	Unknown	Dilution Factor	1.0000
Program	360 dc	Operator	n.a.
Inj Date/Time	10/07/21 05:57	Run Time	11.05

Inj	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	Fluoride	BMB*	[illegible]	[illegible]	[illegible]
2	[illegible]	Chloride	BMB*	[illegible]	[illegible]	[illegible]
3	[illegible]	Nitrite	BMB*	[illegible]	[illegible]	[illegible]
4	[illegible]	Bromide	BMB*	[illegible]	[illegible]	[illegible]
5	[illegible]	Nitrate	BMB*	[illegible]	[illegible]	[illegible]
6	[illegible]	Sulfate	BMB	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]

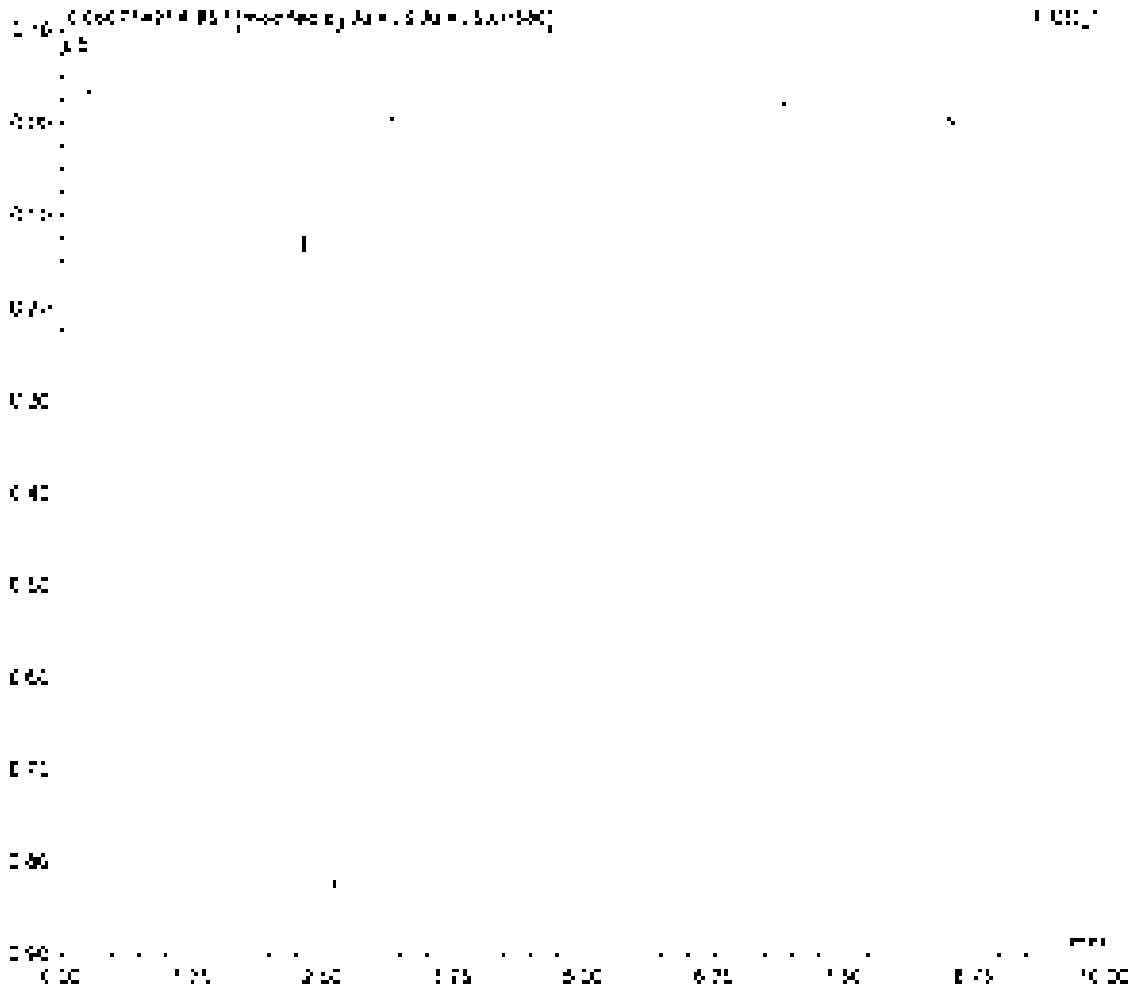


Sample Name	CCV1	Inj. Vol	20.0
Sample Type	unknown	Dilution Factor	1.0000
Program	300_ic	Operator	n/a
Inj. Date/Time	18/07/21 06:00	Run Time	10.00

No	Time min	Peak Name	Type	Area µS/cm	Height µS	Amount
1	[illegible]	[illegible]	BV	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	PV	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	MM	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	MM	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]

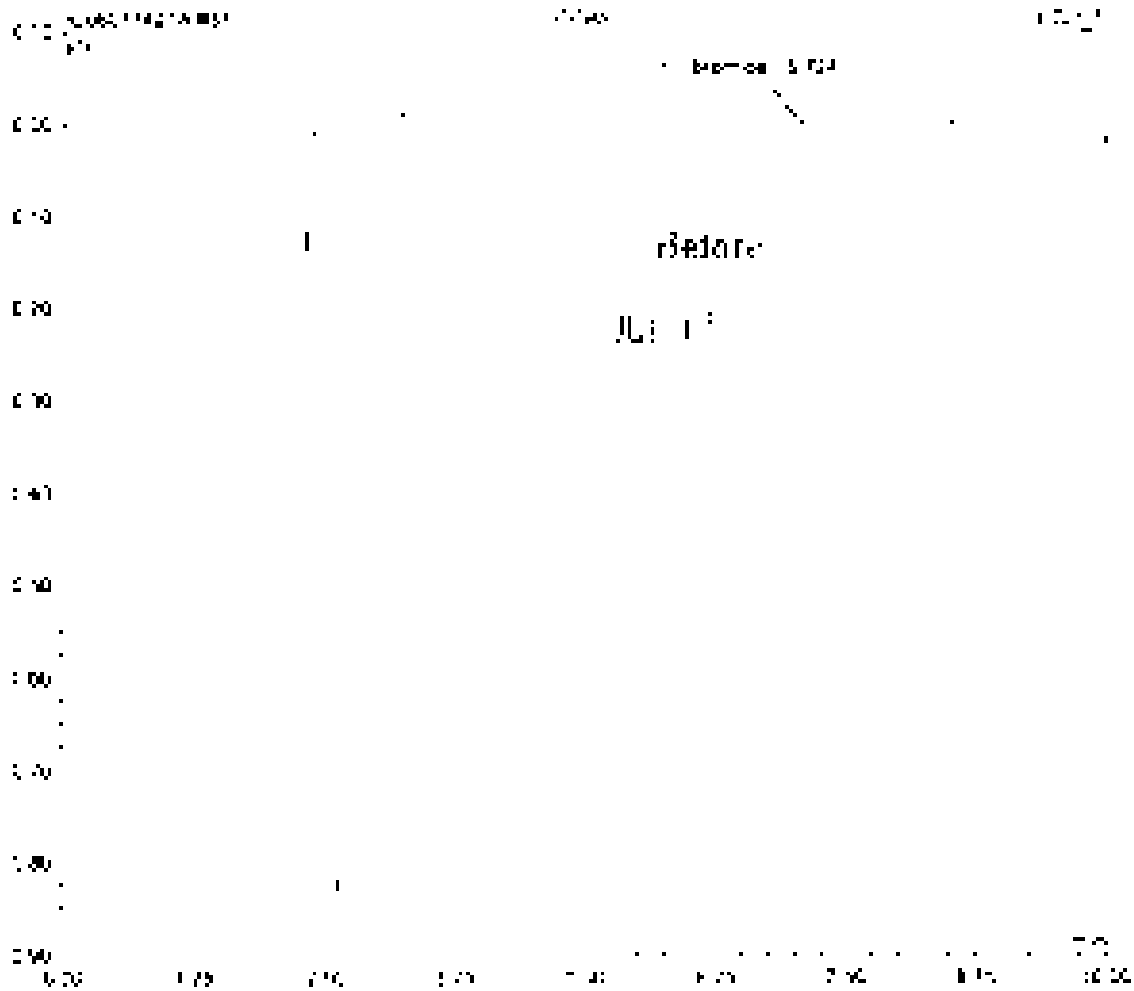
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n/a
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
		TOTAL		[illegible]	[illegible]	[illegible]



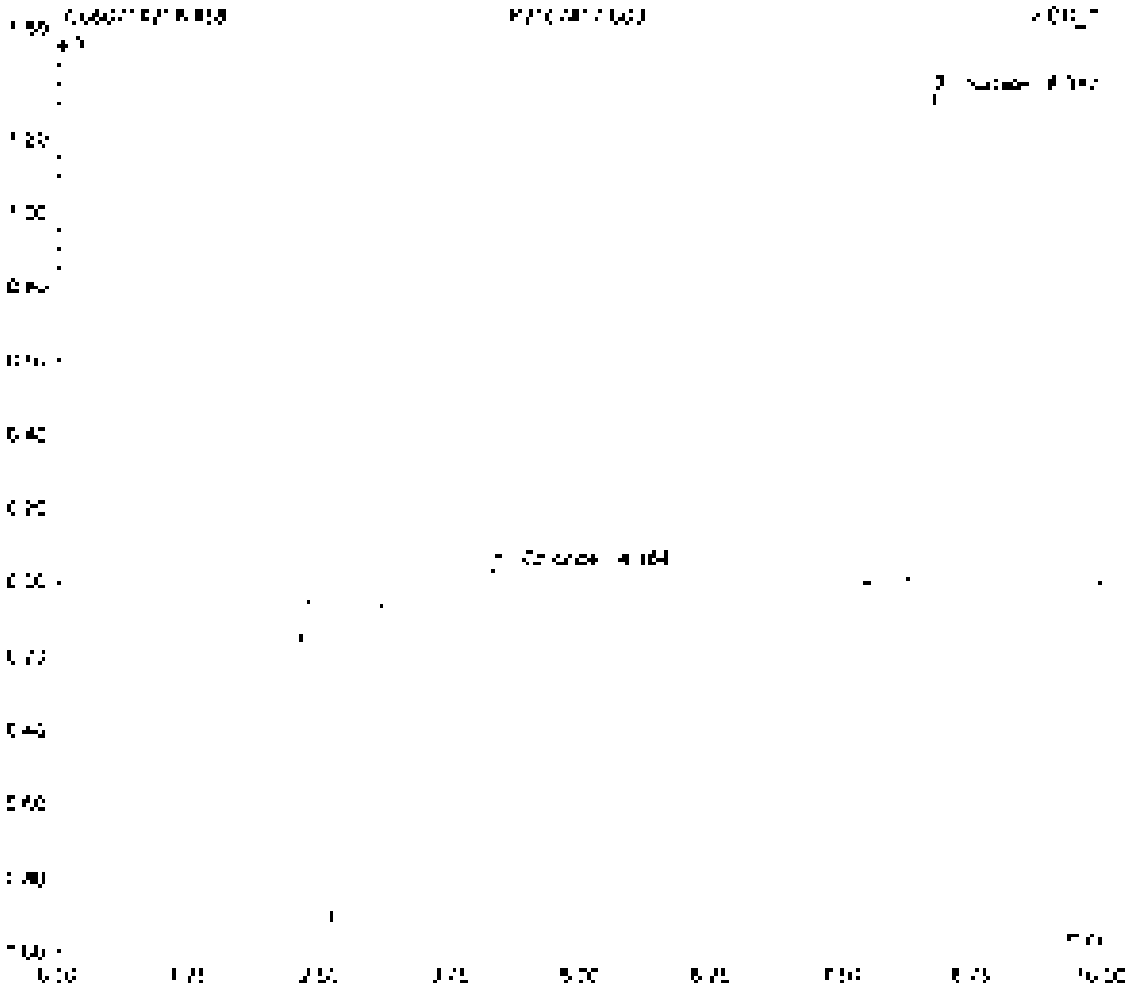
Sample Name	[illegible]	Inj. No.	[illegible]
Sample Type	Unknown	Detector Factor	1.0000
Program	[illegible]	Operator	n.a.
Inj. Date/Time	1[illegible]/21 [illegible]	Run Time	10.00

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



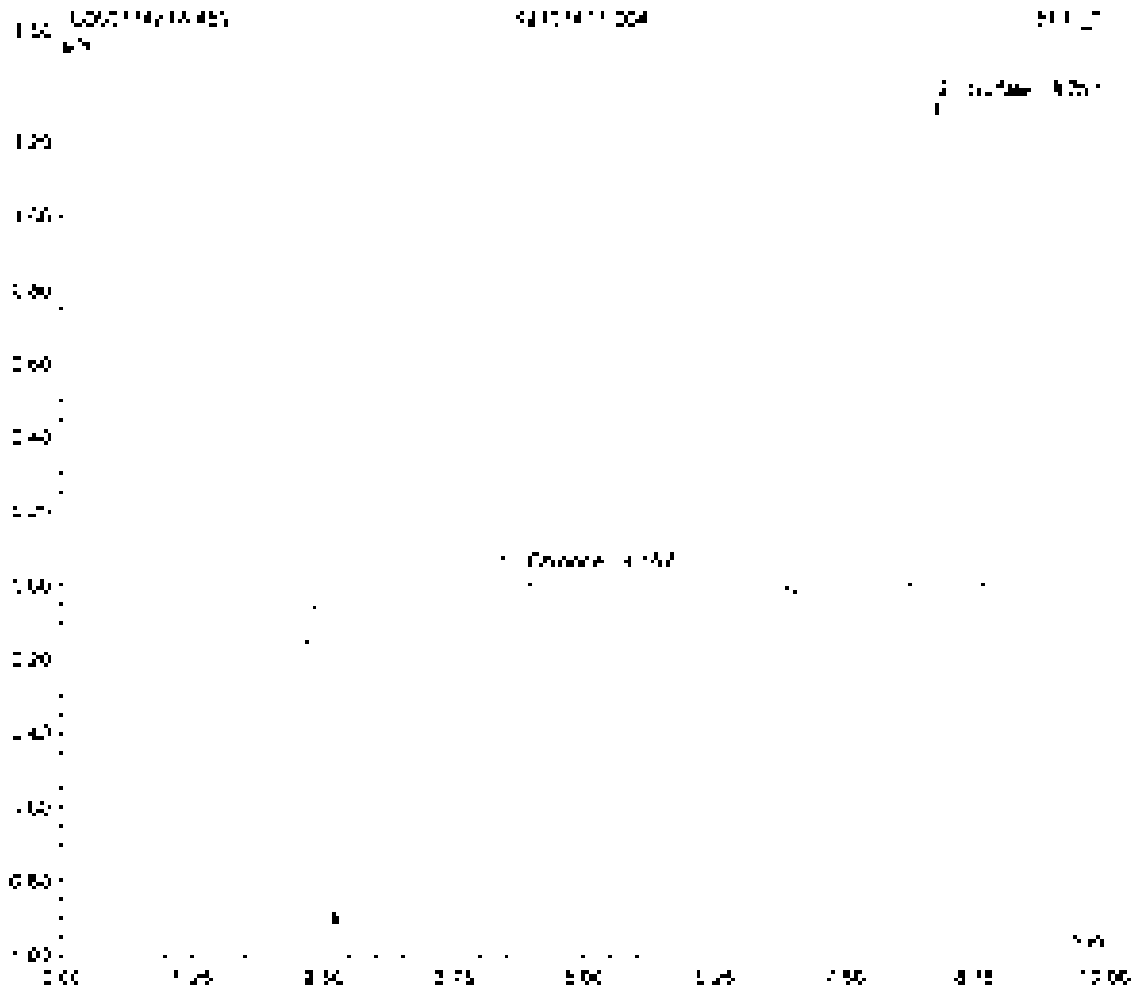
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



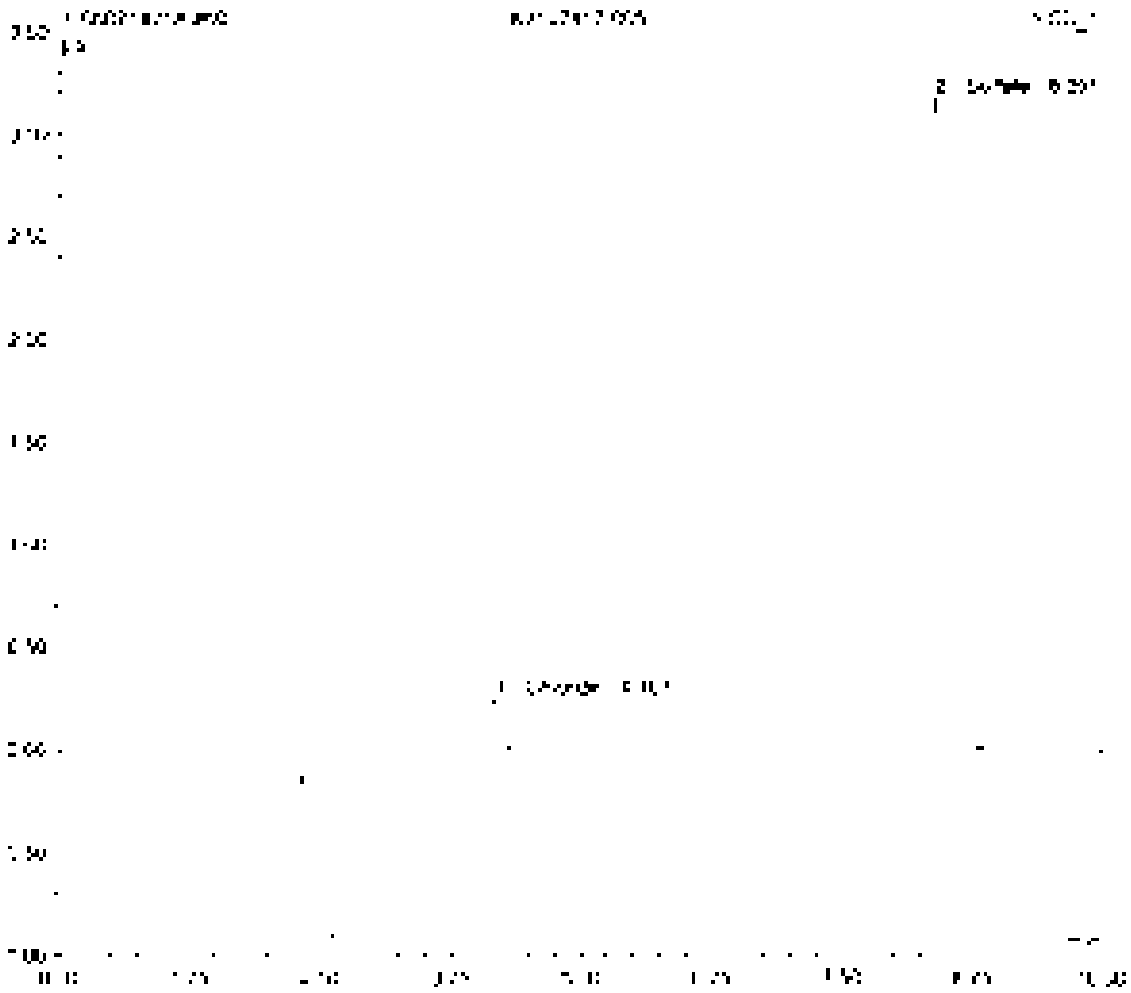
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µV*min	Height µV	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



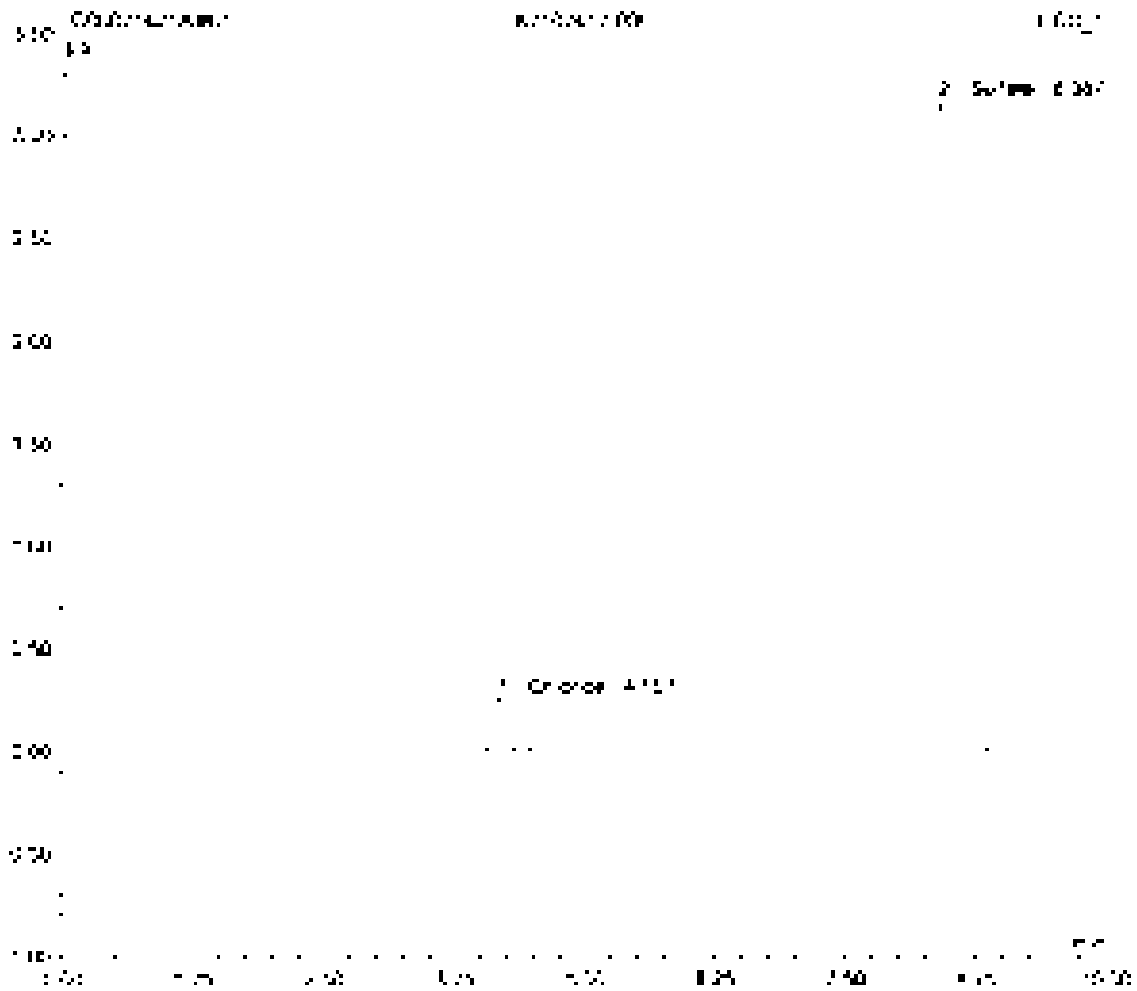
Sample Name	K3187417-006	Inj. Vol	20.0
Sample Type	unknown	Dilution Factor	999.9999
Program	300_Ic	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	6.39	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



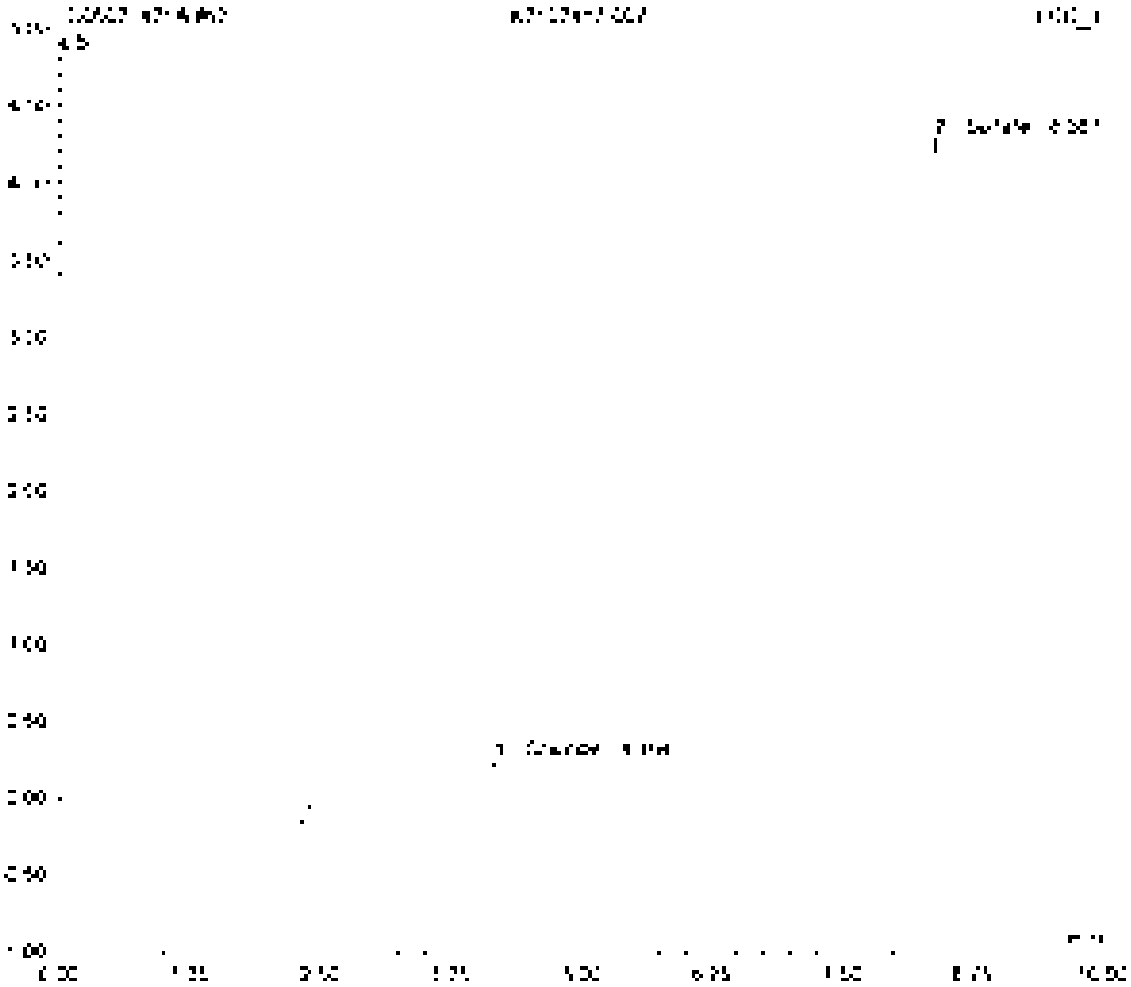
Sample Name	K2\07410-006	Inj. No	2810
Sample Type	unknown	Dilution Factor	500.0000
Program	300_4c	Operator	n.a.
Inj. Date/Time	4/8/2021 11:11	Run Time	15.00

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	4.11	Chloride	BMU	3.779	9.359	29.4658
2	6.29	Sulfate	BMU	5.625	3.187	100.5513
		TOTAL		9.12	3.42	130.02



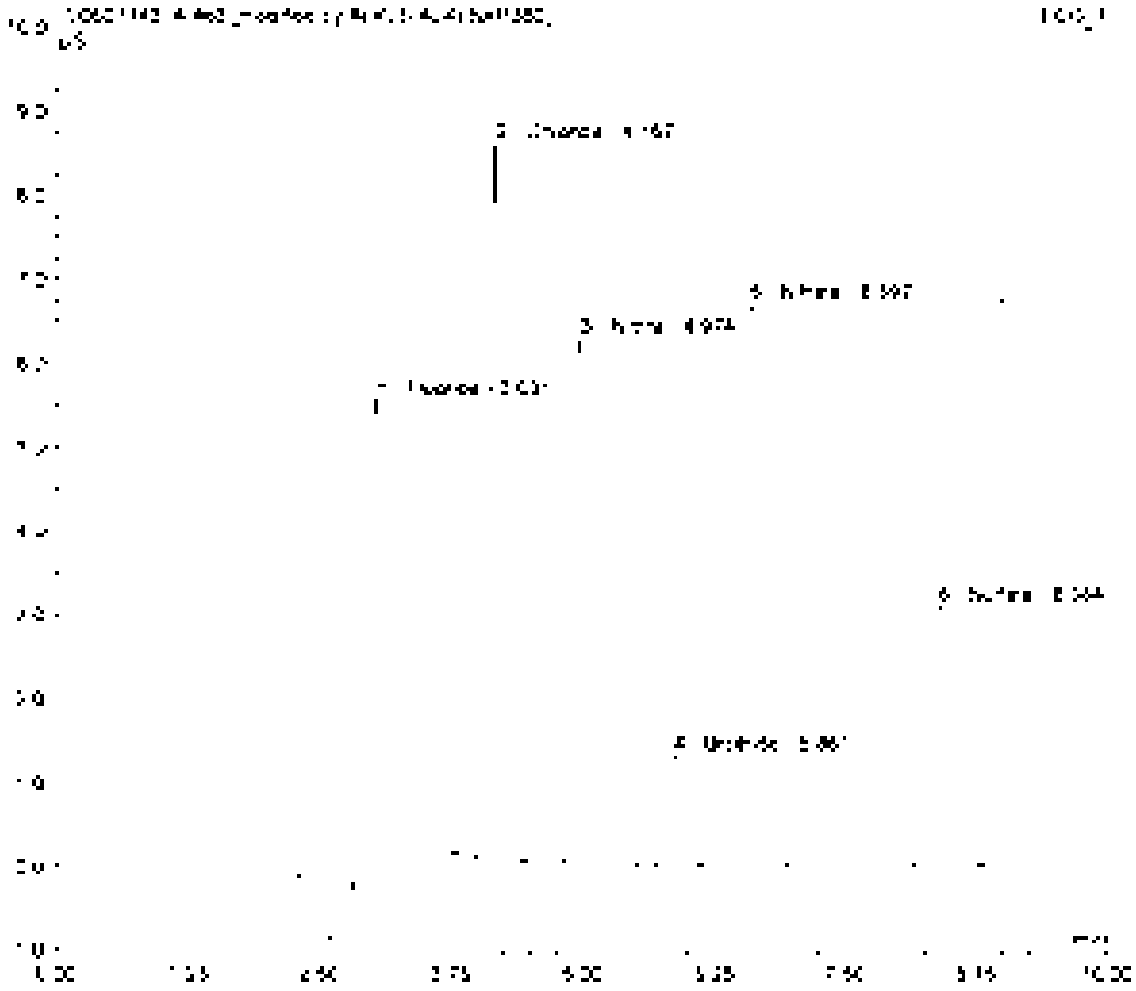
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Rec. Time	[illegible]

No	Name min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



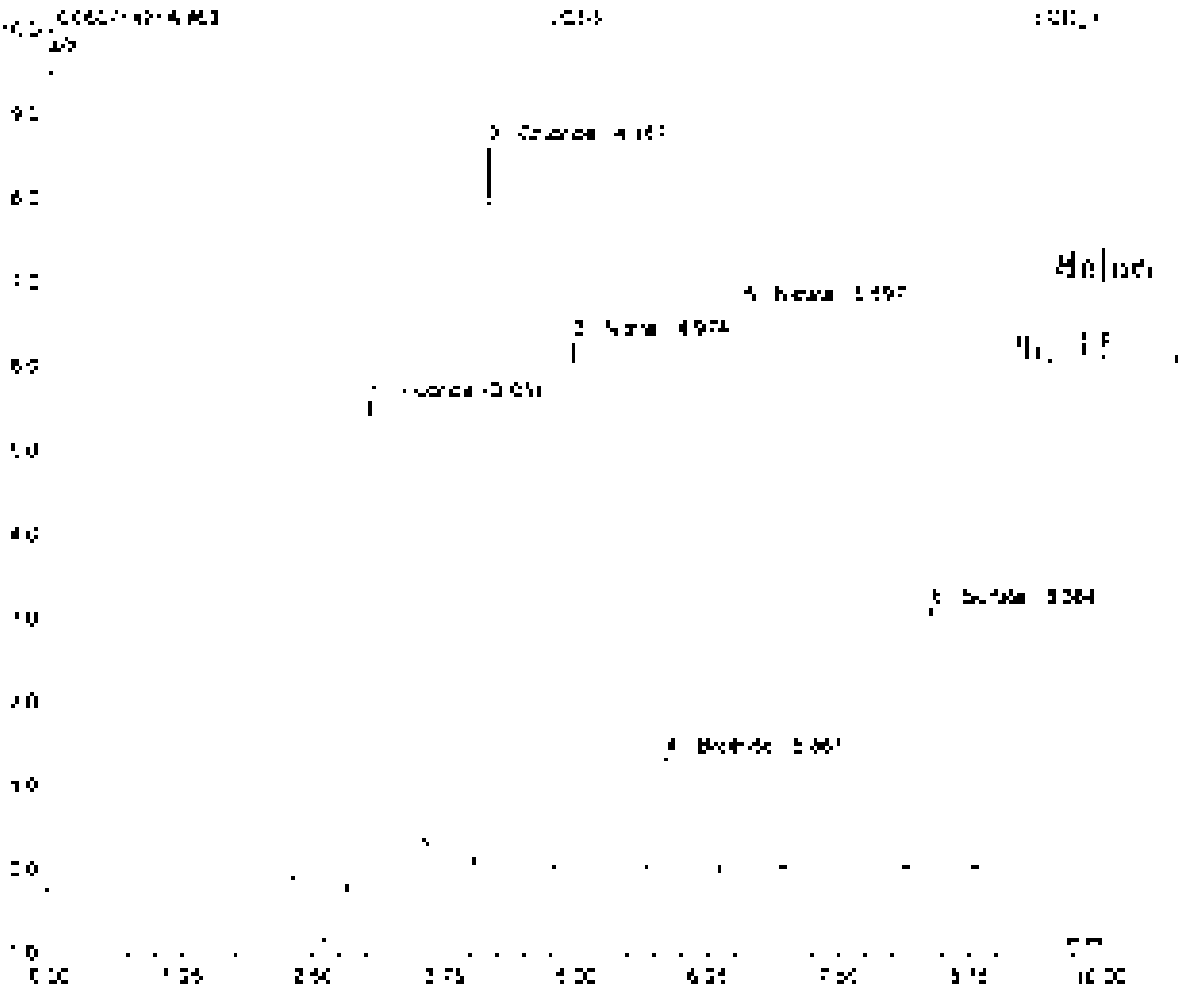
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



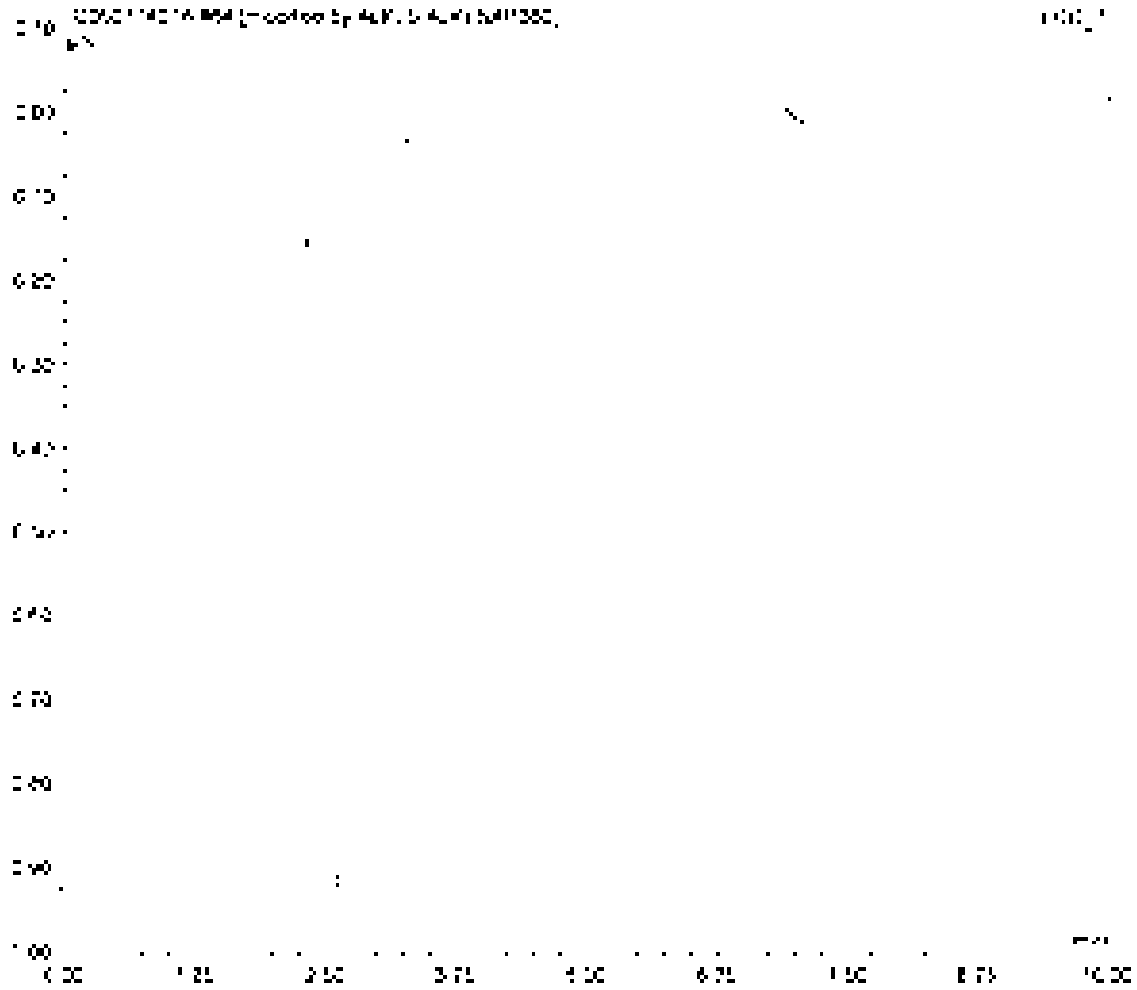
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µV·min	Height µV	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



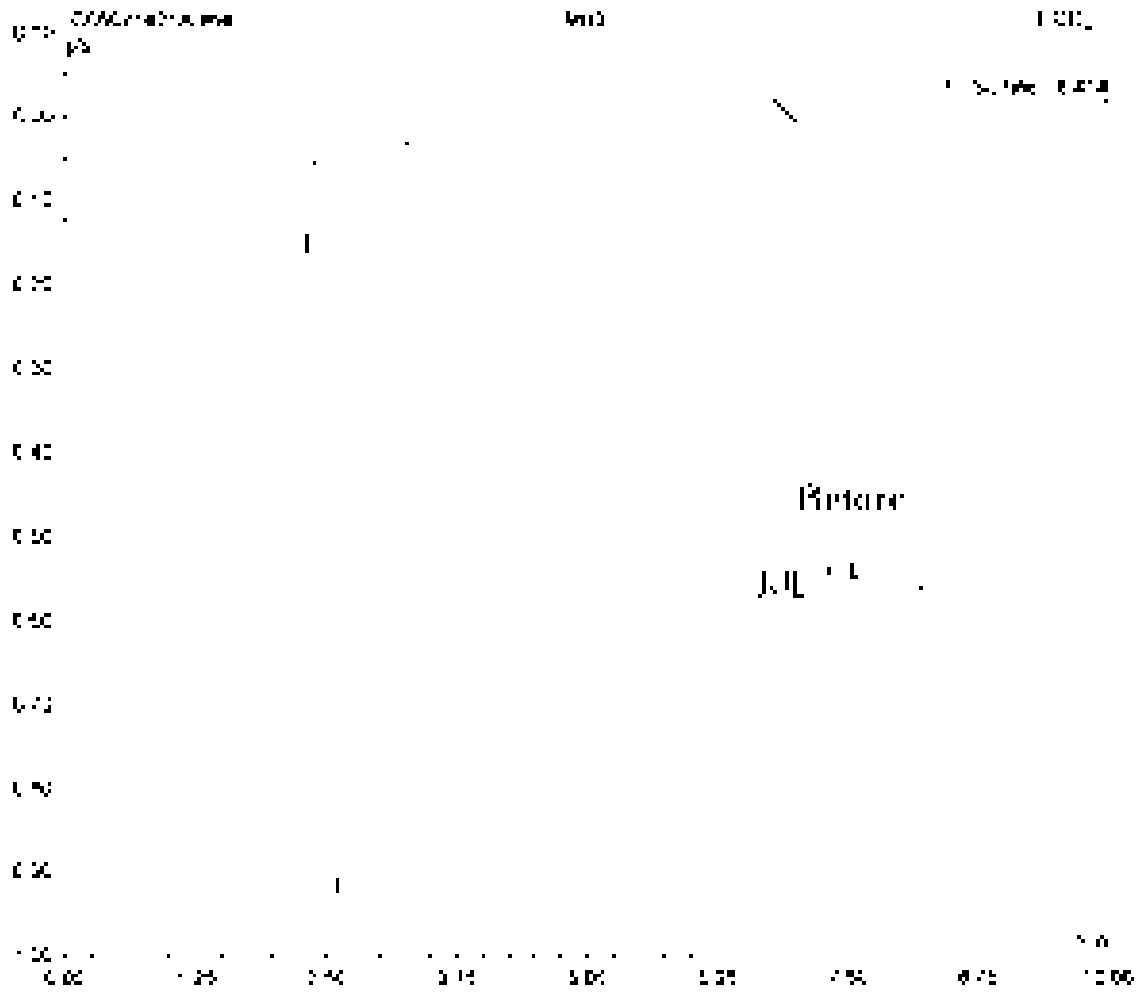
Sample Name	[illegible]	Inj. No	[illegible]
Sample Type	unknown	Dilution Factor	1.0000
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
		TOTAL		[illegible]	[illegible]	[illegible]



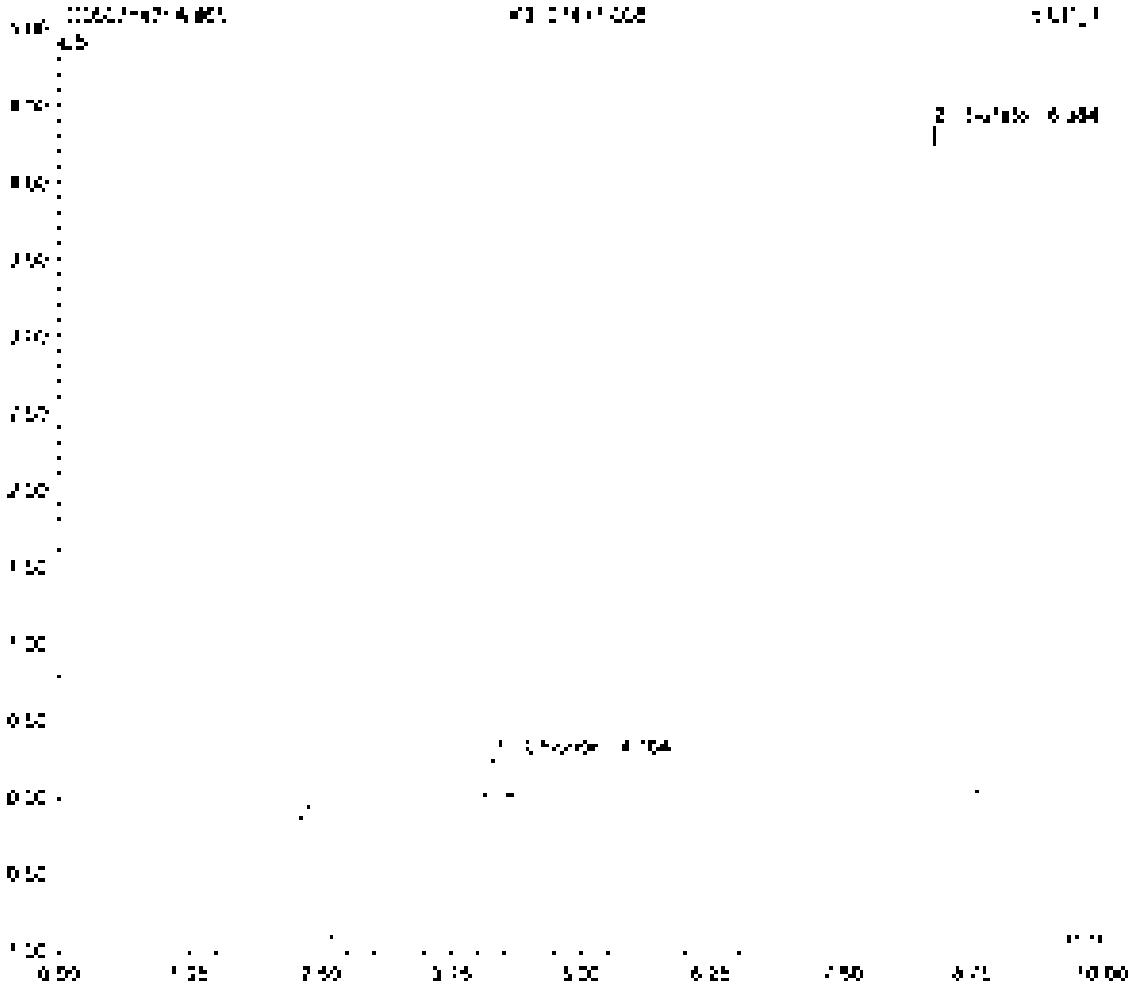
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



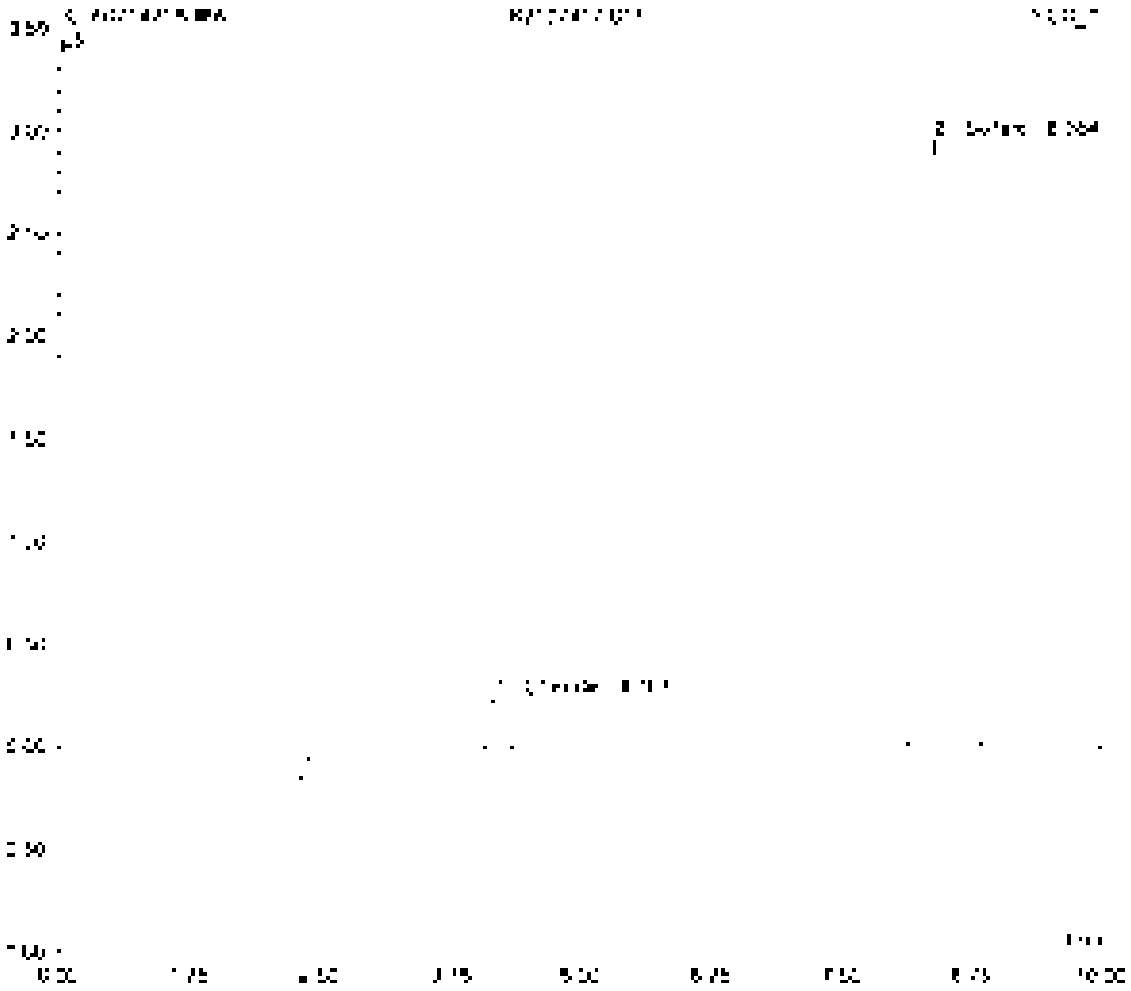
Sample Name	[illegible]	[illegible]	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



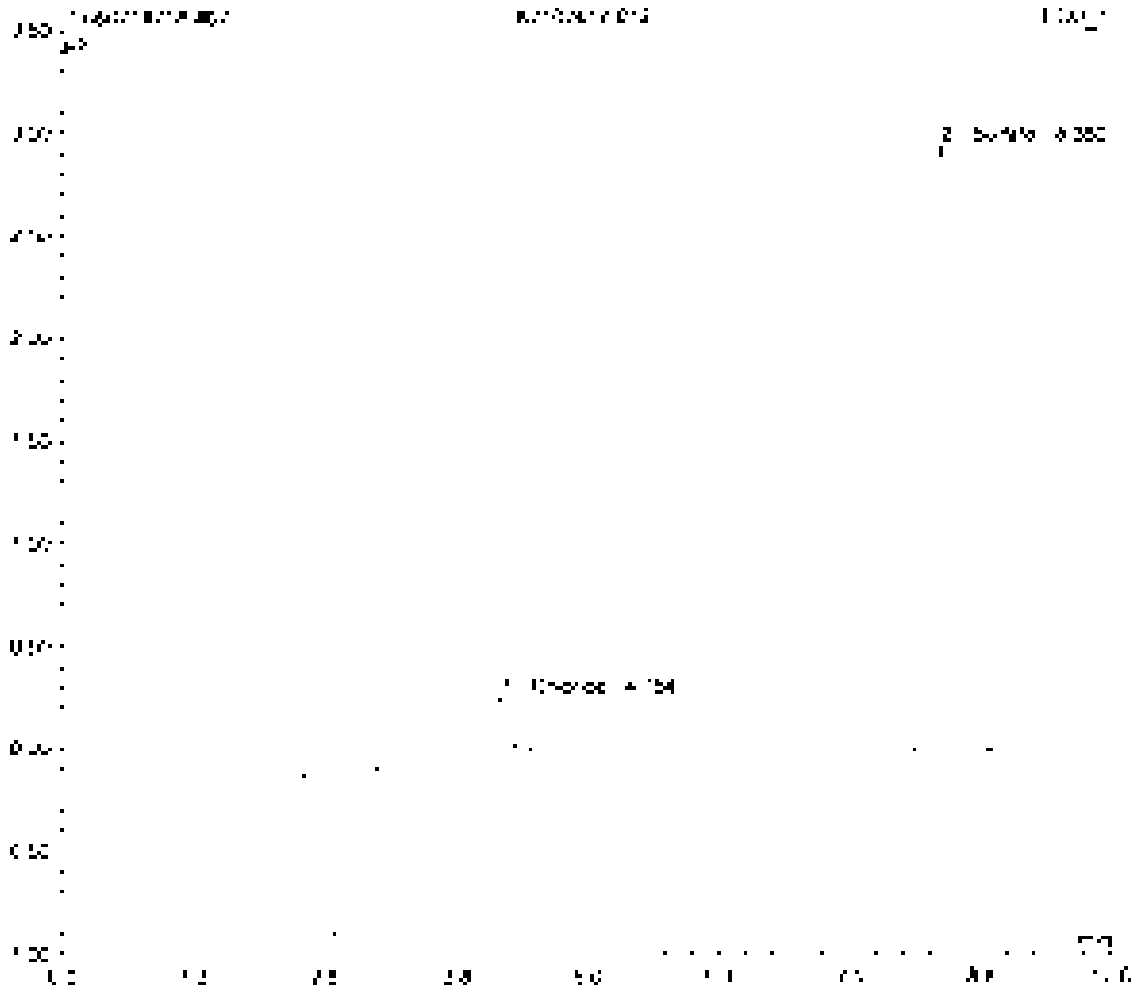
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	300_Dc	Operator	n/a
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



Sample Name	[illegible]	Inj Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj Date/Time	[illegible]	Rec Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]

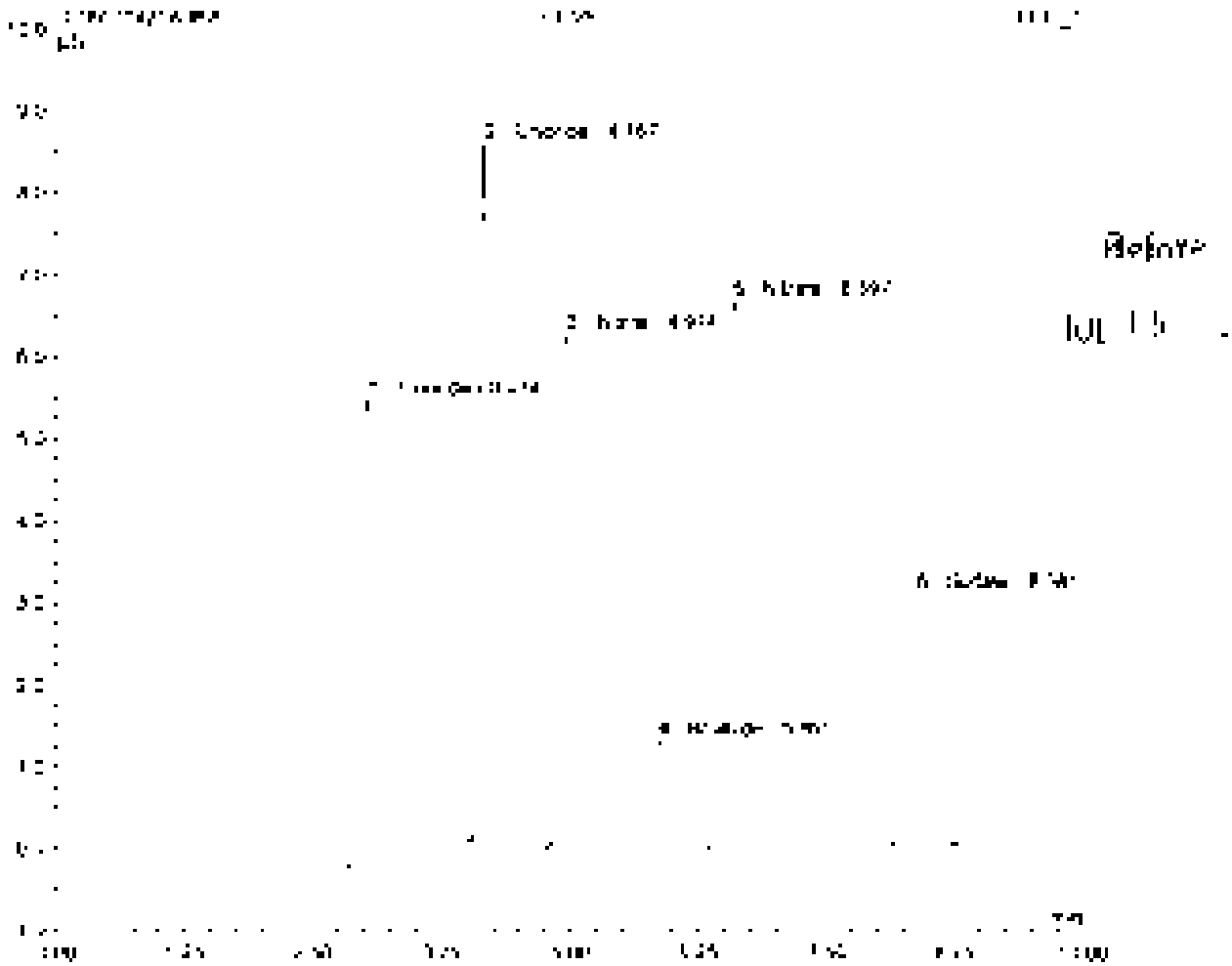


Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	Unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Acc. Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

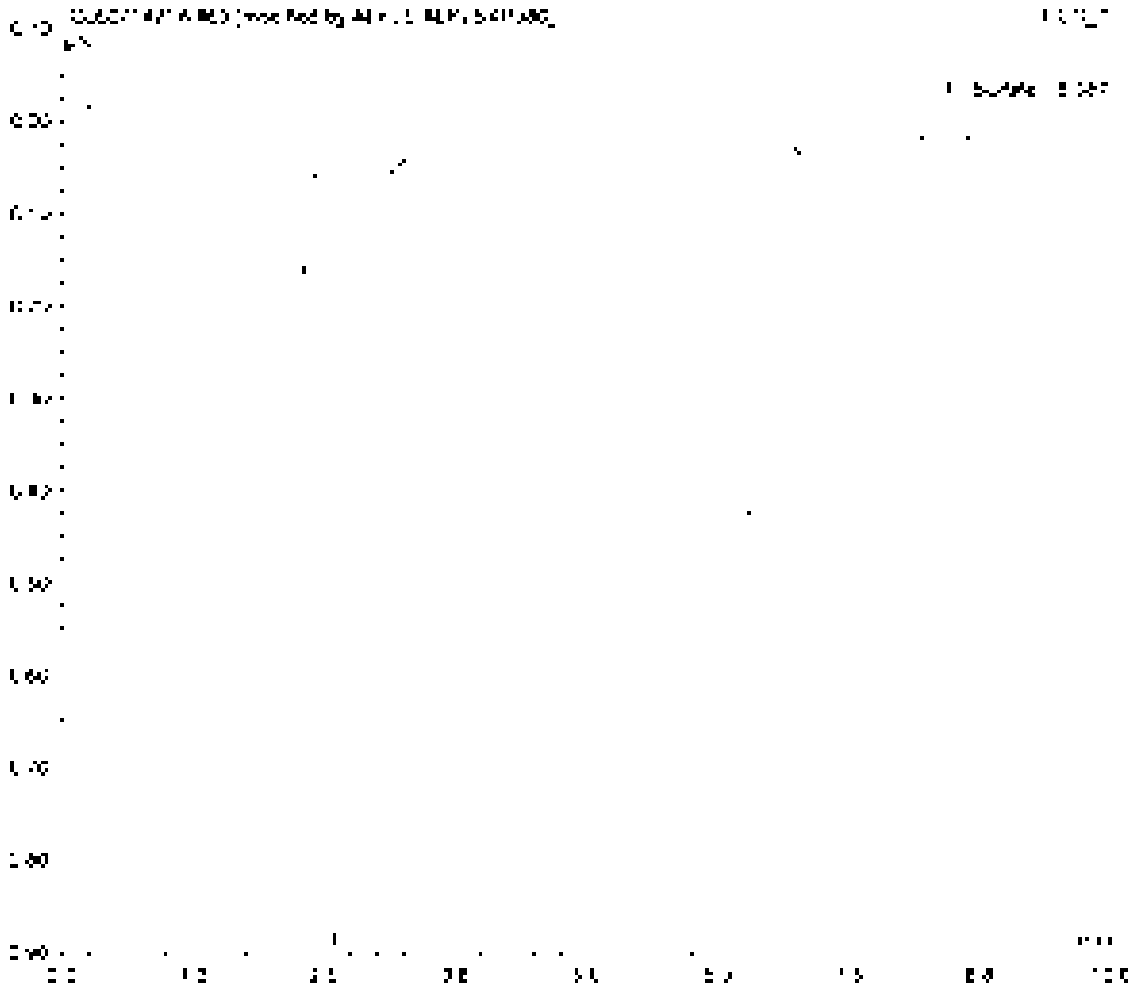
Sample Name	CCV4	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	300 Dc	Operator	n/a
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



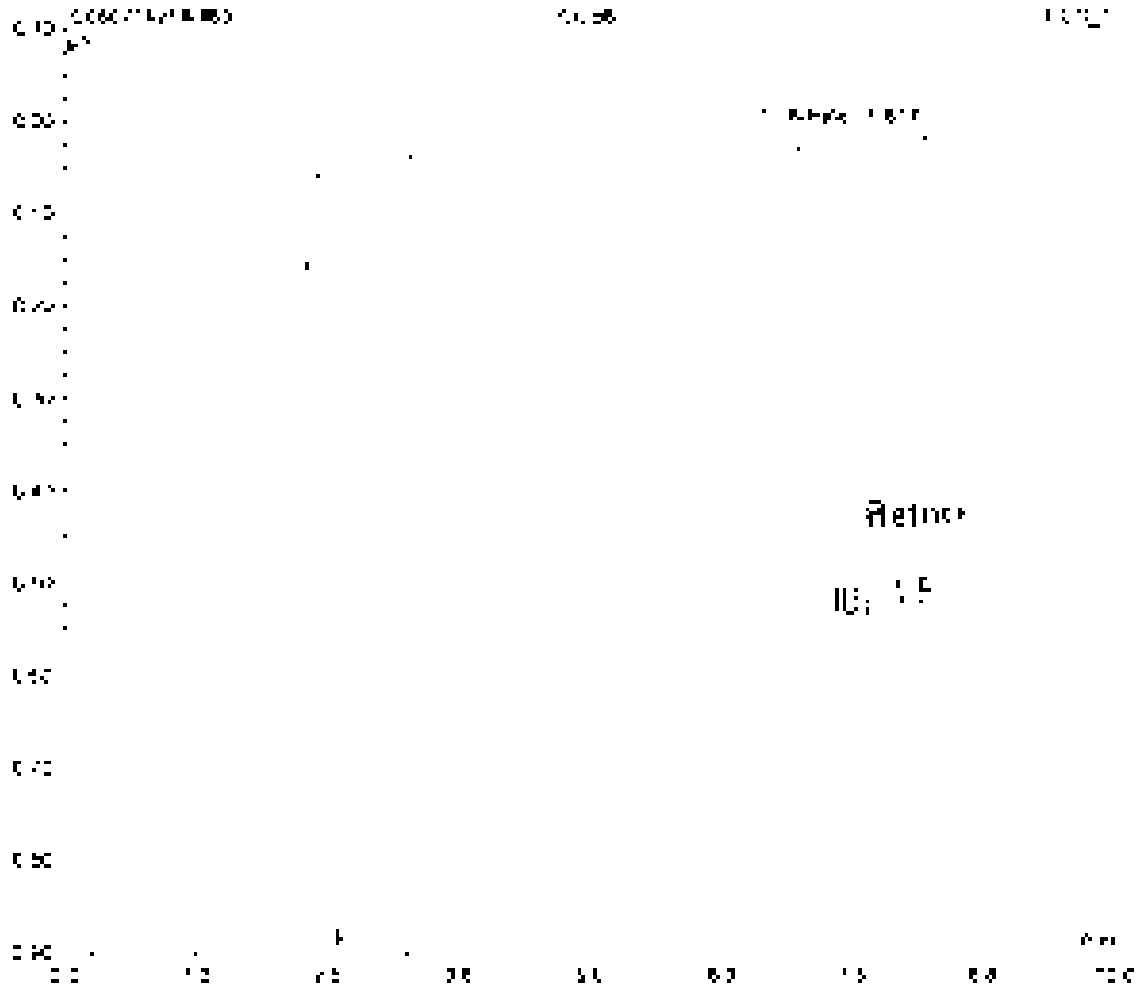
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible] 14:11	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]		[illegible]	[illegible]	[illegible]



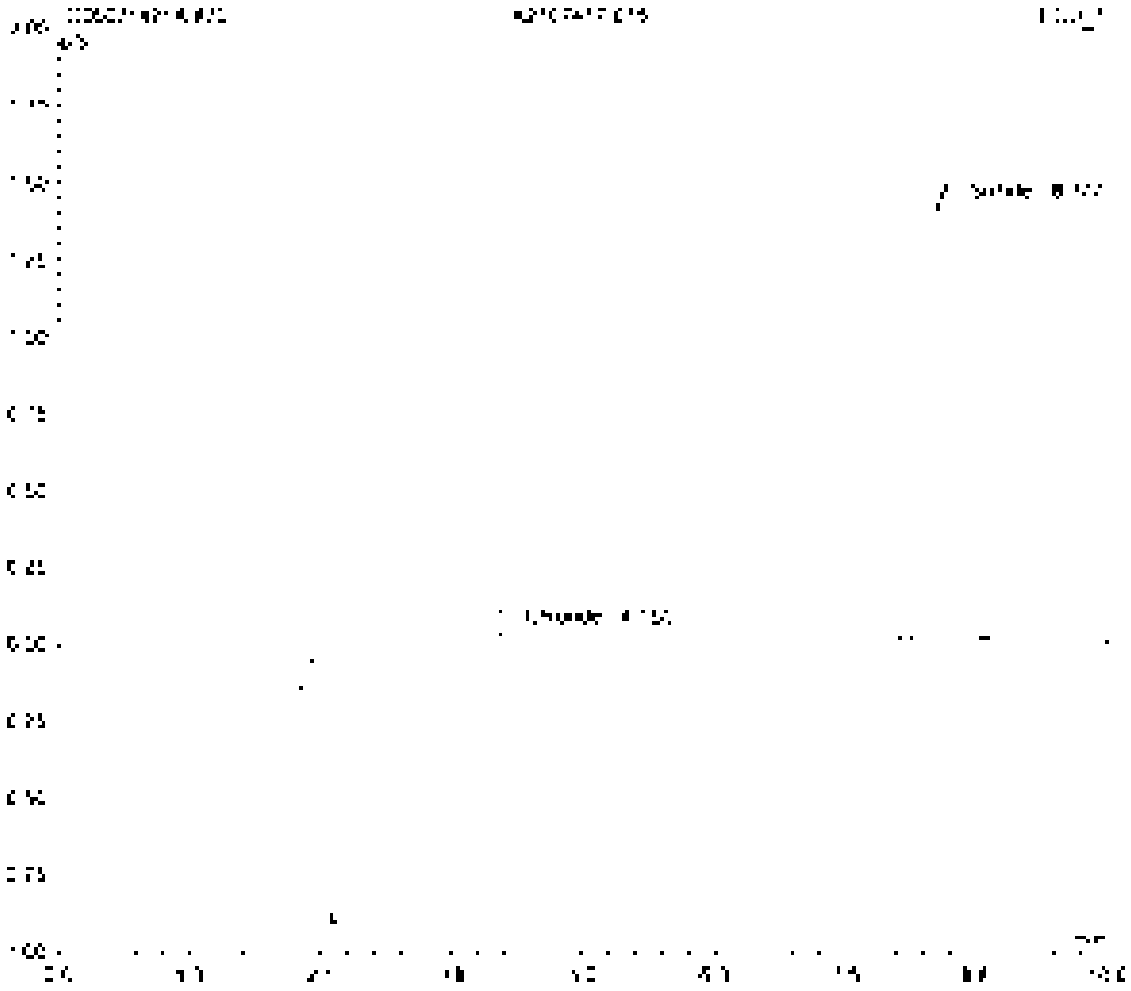
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible] 14:11	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



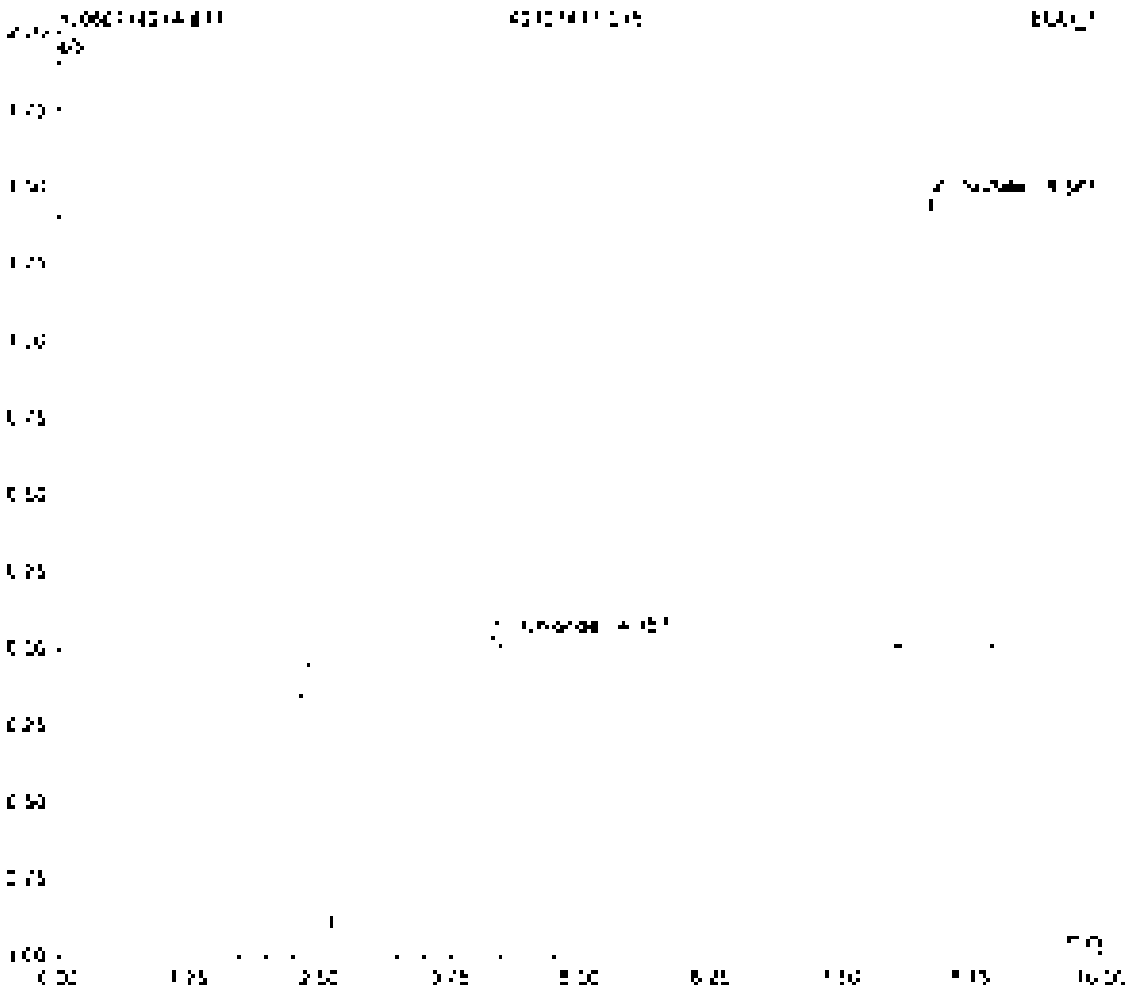
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	Unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]		[illegible]	[illegible]	[illegible]



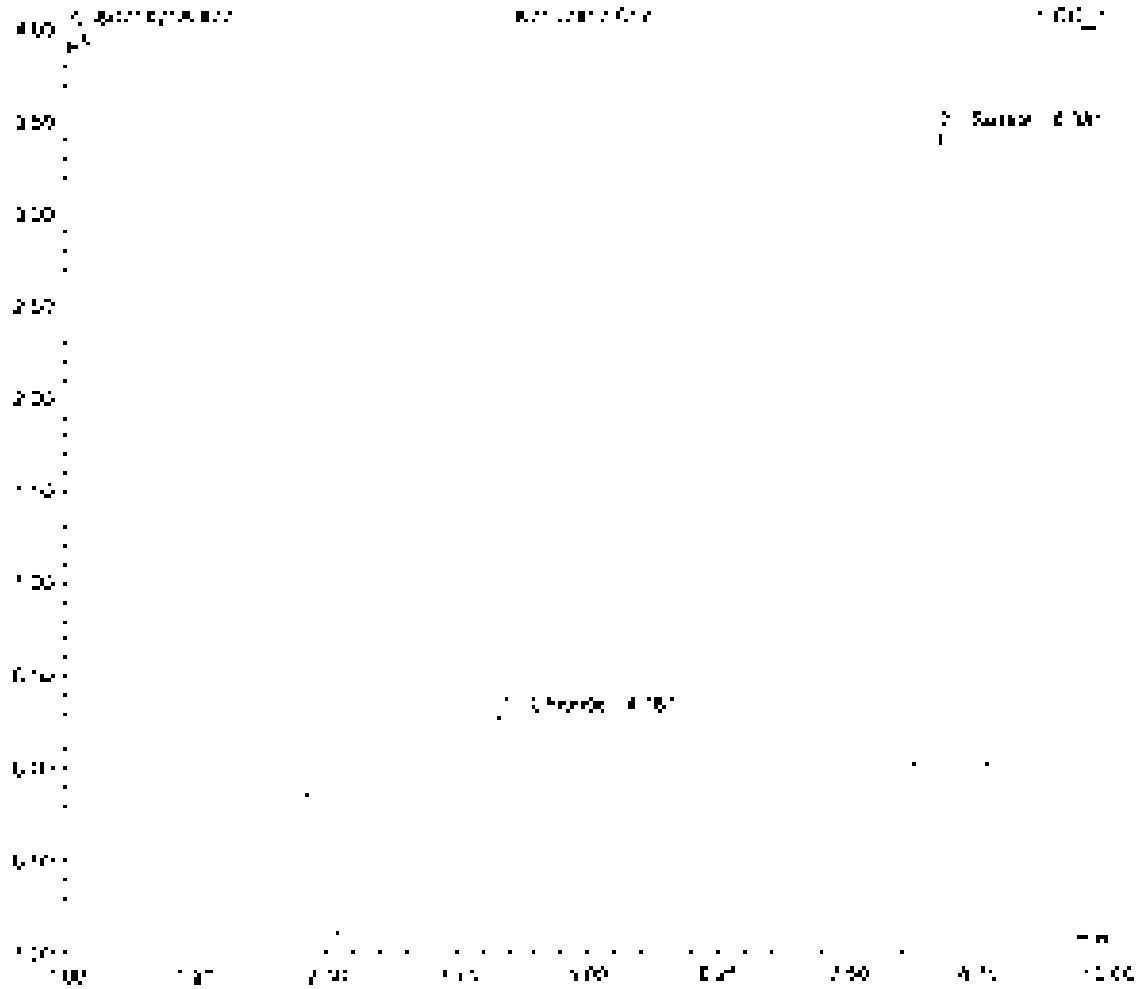
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Project	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



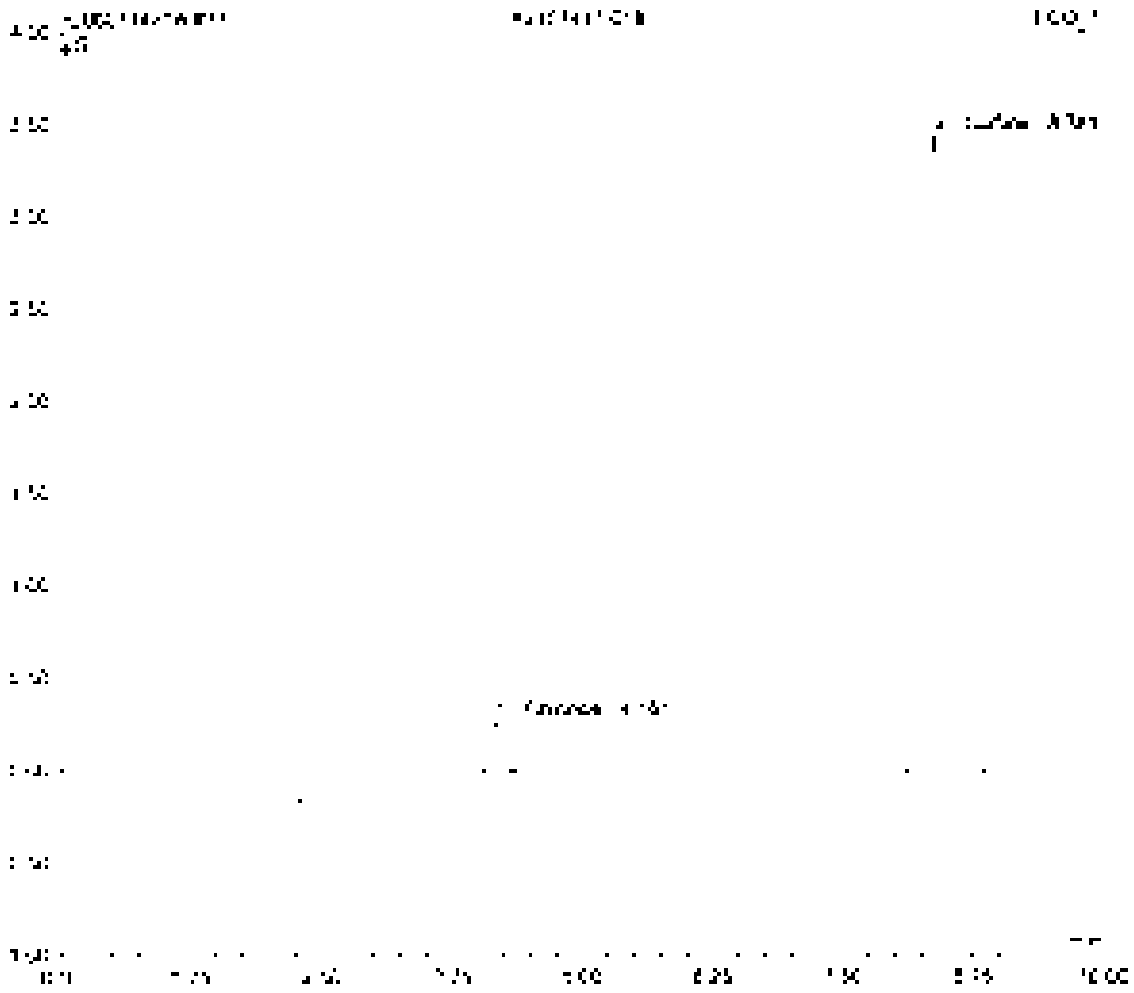
Sample Name	K2107147-017	Inj. Vol	20.0
Sample Type	unknown	Dilution Factor	200.0000
Program	300_lic	Operator	n.a.
Inj. Date/Time	15/07/21 14:46	Run Time	15.00

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	4.15	Chloride	HMB	5.331	0.754	37.5086
2	6.24	Sulfate	BMB	9.155	3.435	1283.5266
		TOTAL		2.29	3.72	1321.03



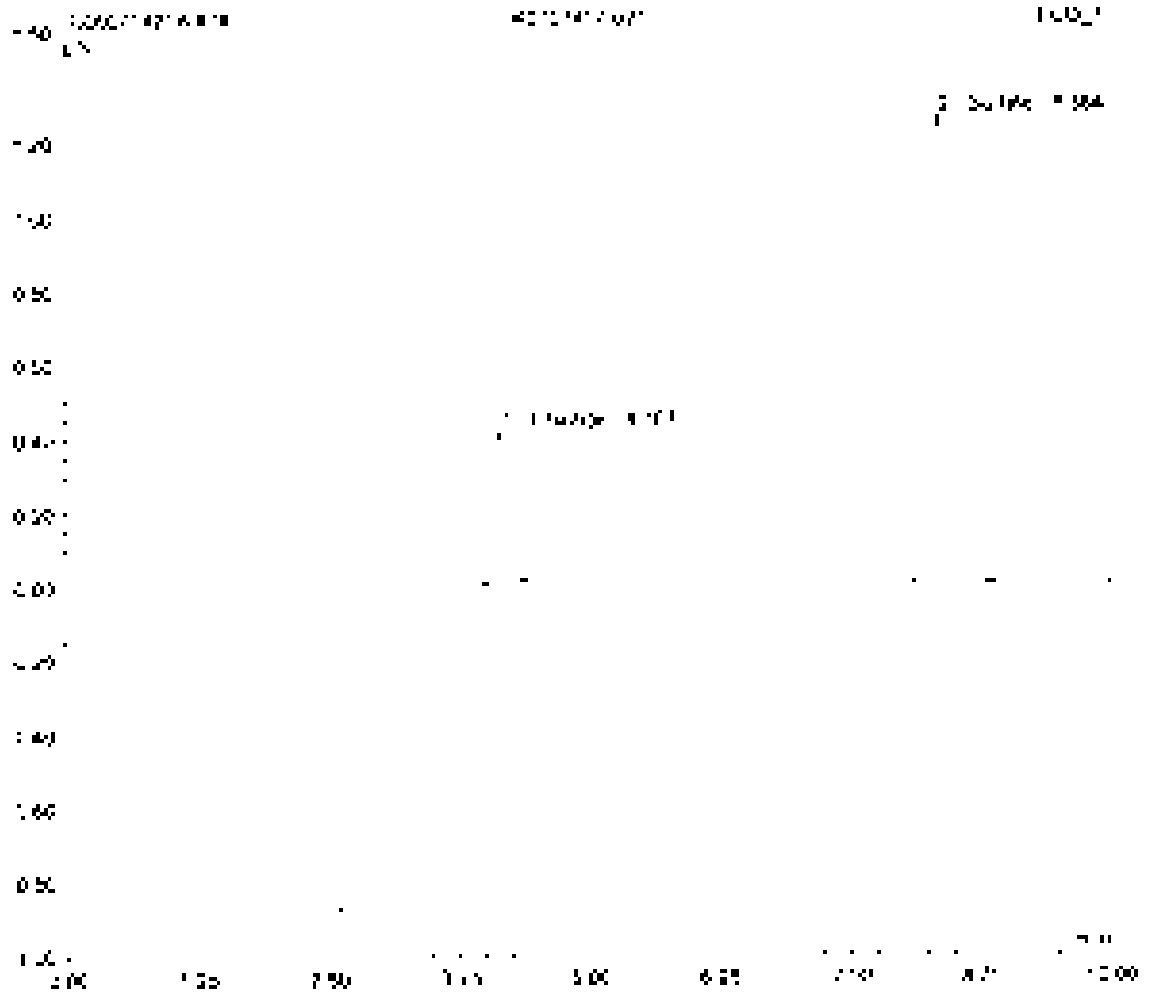
Sample Name	[illegible]	Inj Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µg*min	Height µg	Amount
1	[illegible]	[illegible]	BMB	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	BMB	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



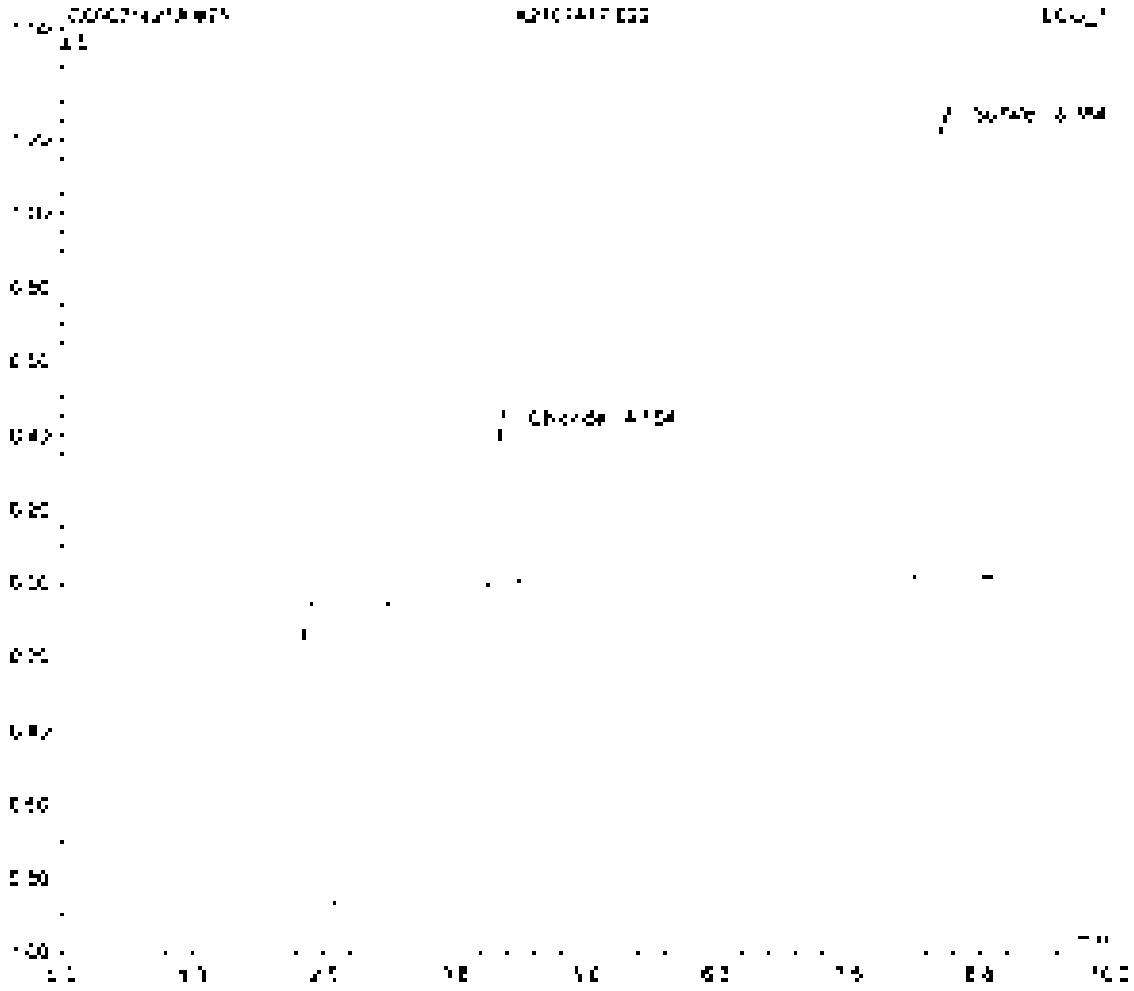
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



Sample Name	[illegible]	Inj. Vol	36.0
Sample Type	[illegible]	Dilution Factor	20.0000
Program	300_9c	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	10.00

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]

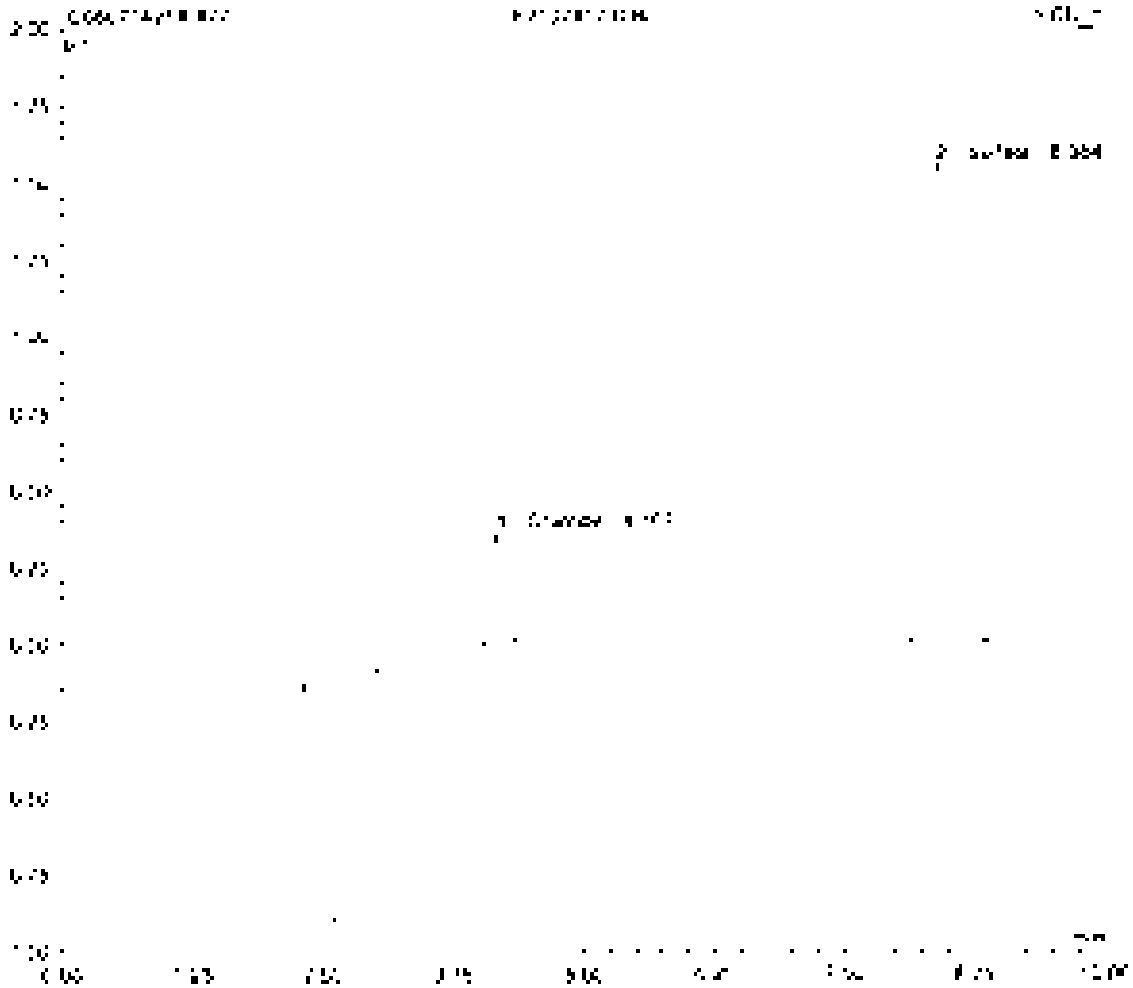


Sample Name	[illegible]	Inj Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	n.a.
Inj Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
		TOTAL		[illegible]	[illegible]	[illegible]

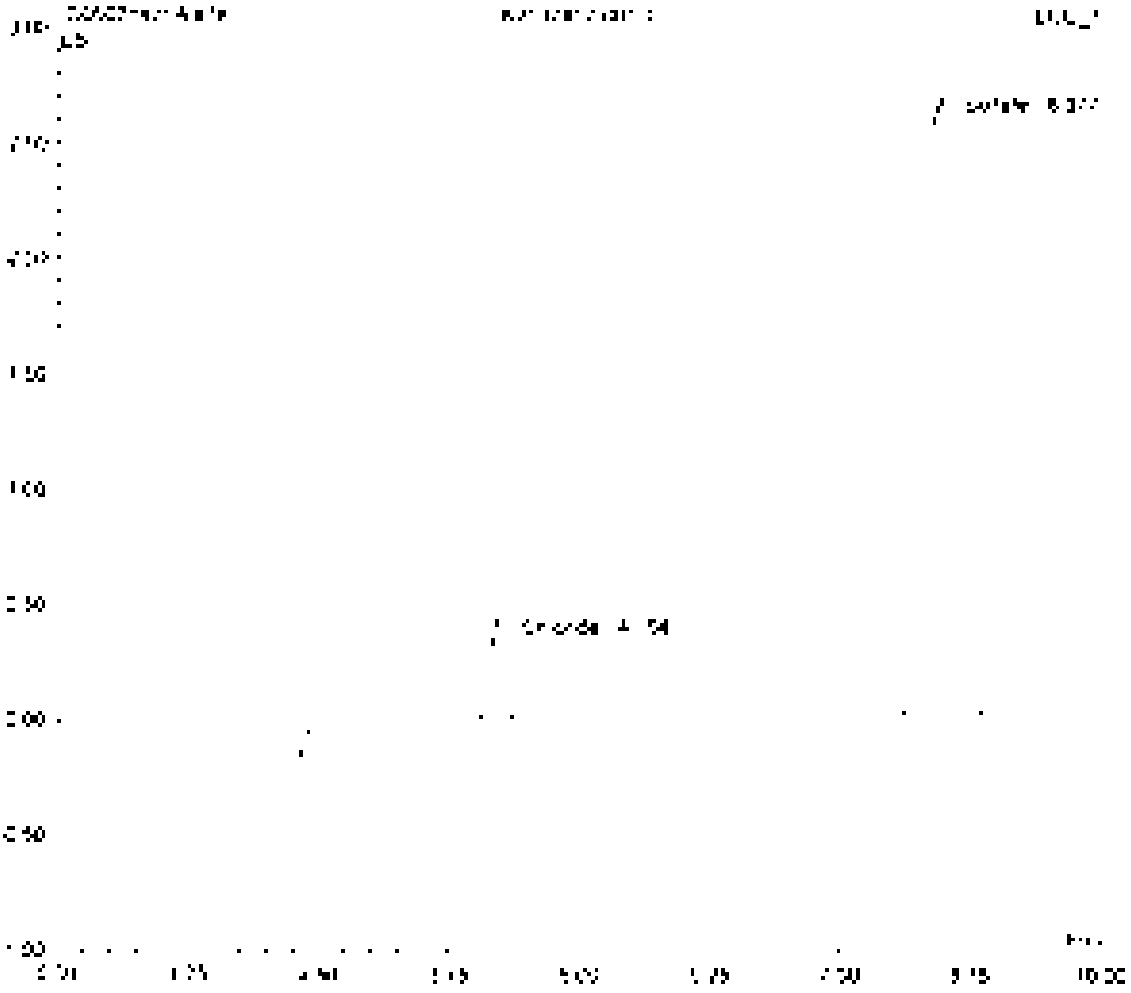
Sample Name	K31[illegible]	Inj. Vol.	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date-Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/cm	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		Total		[illegible]	[illegible]	[illegible]



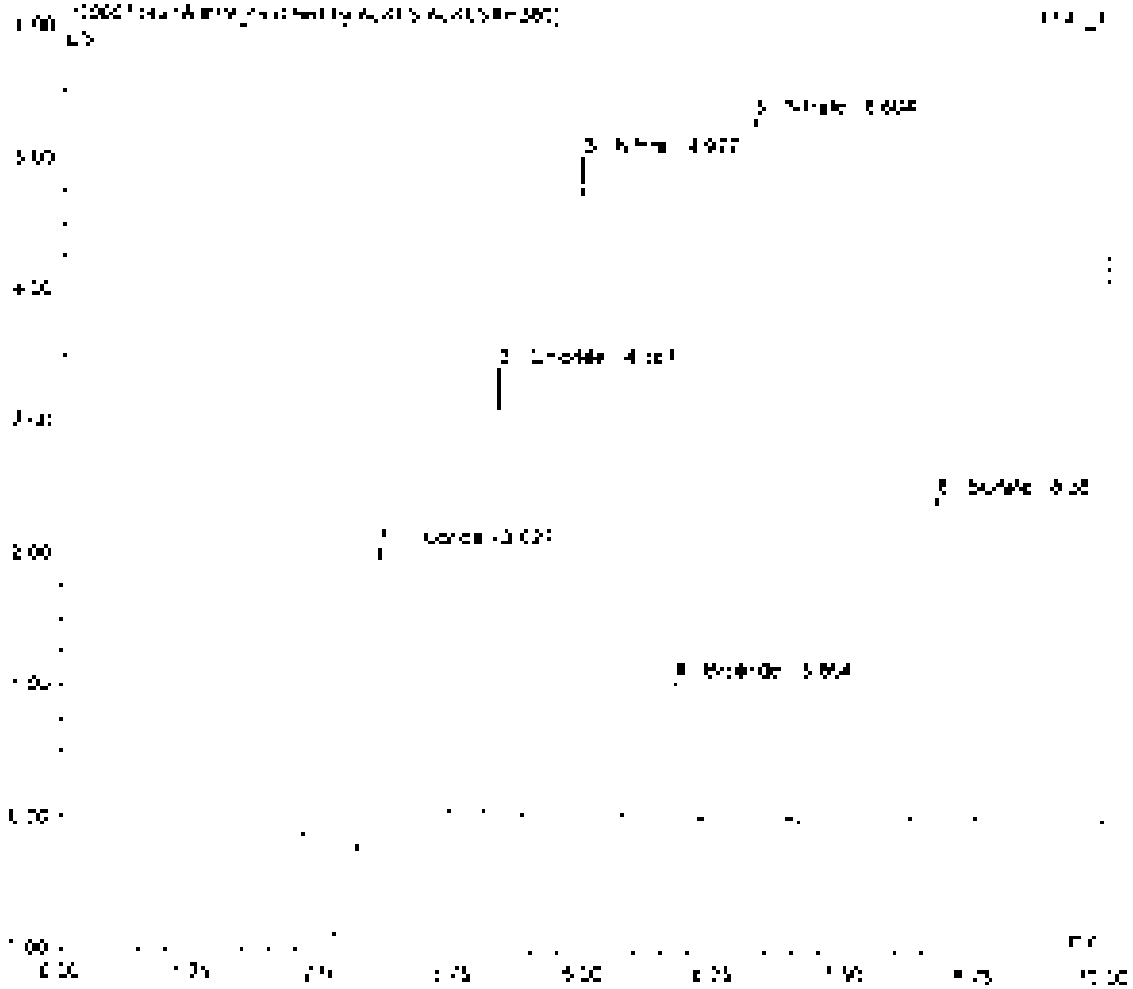
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



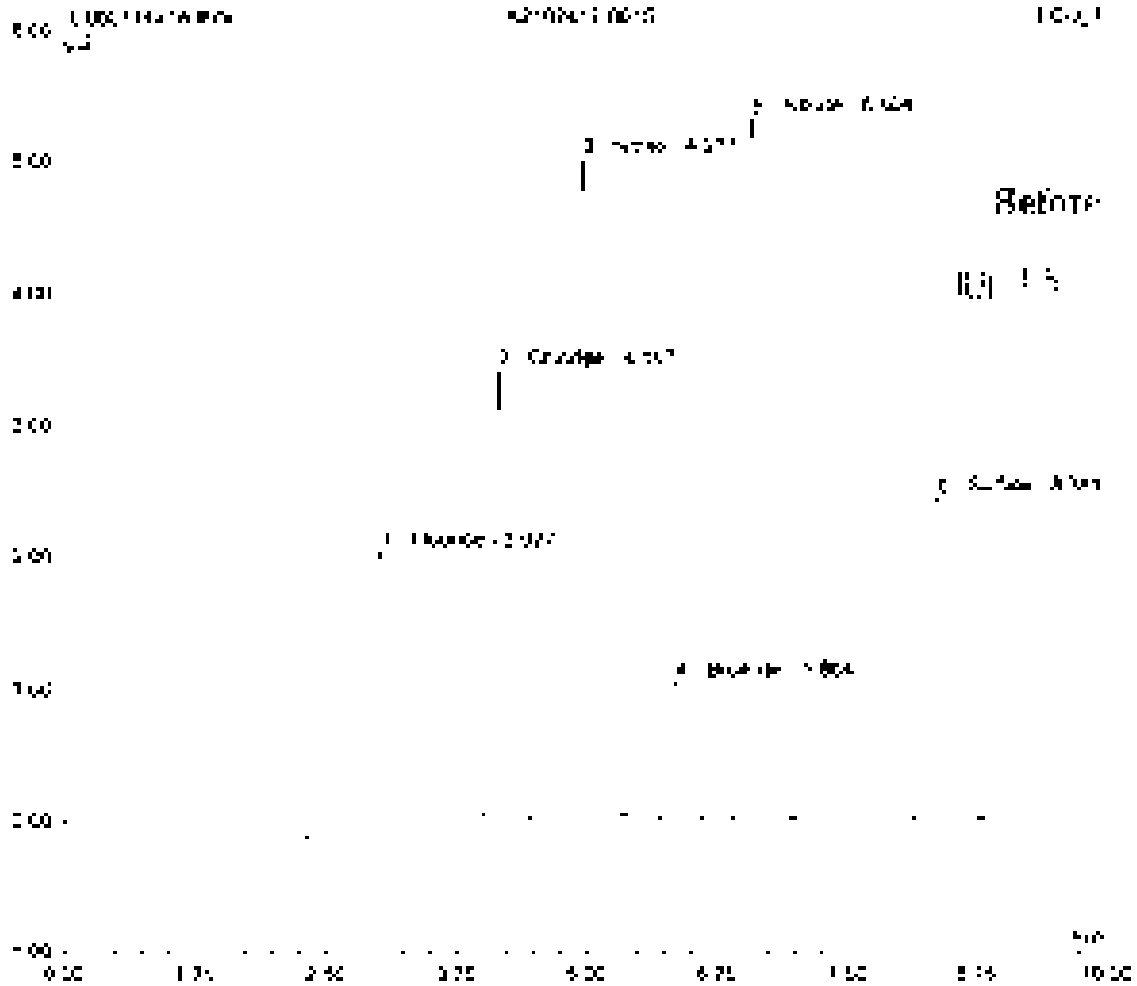
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Name min	Peak Name	Type	Area µS/min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



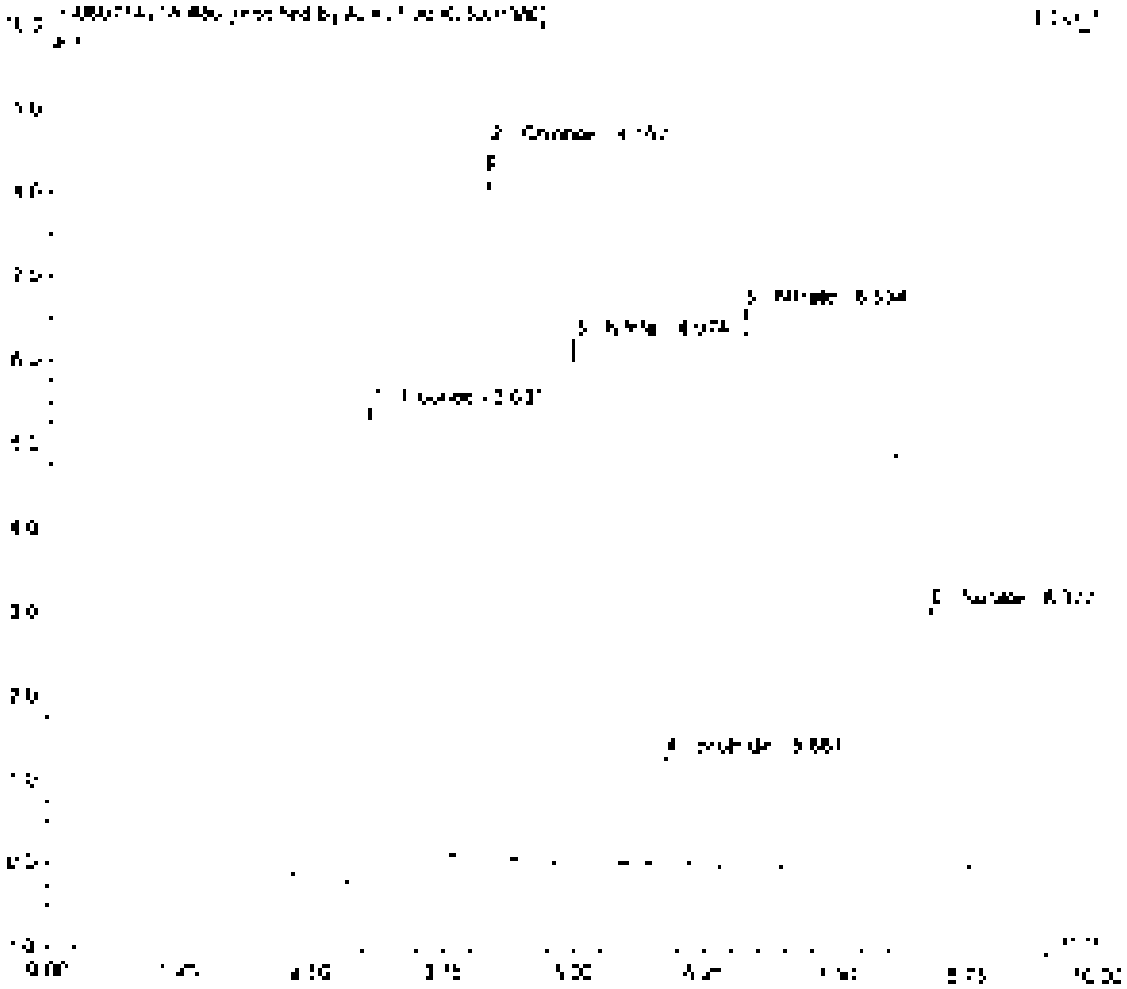
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	BM	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



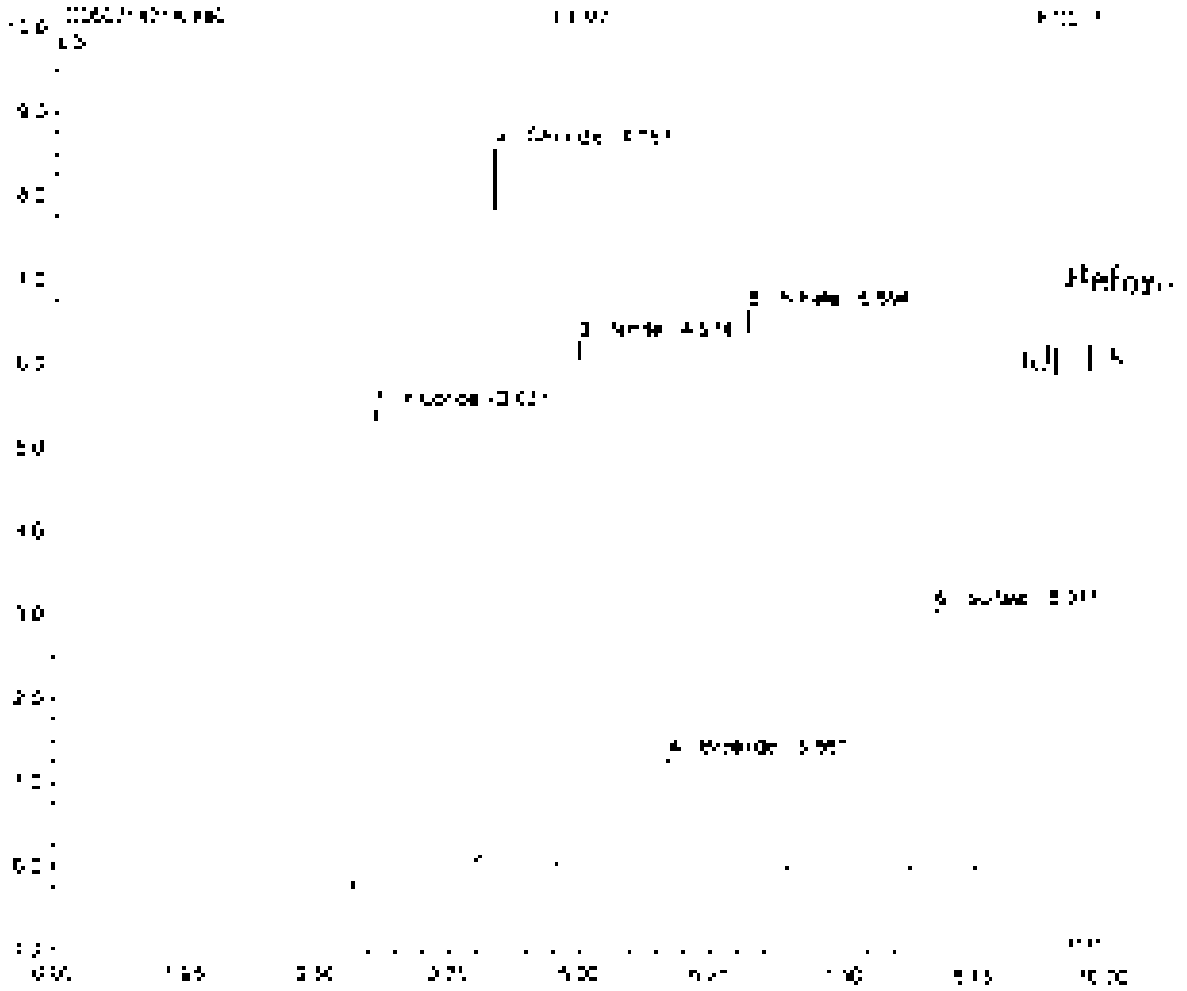
Sample Name	[illegible]	Inj. No	[illegible]
Sample Type	unknown	Dilution Factor	1.0000
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible] 14:31	Run Time	10.00

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



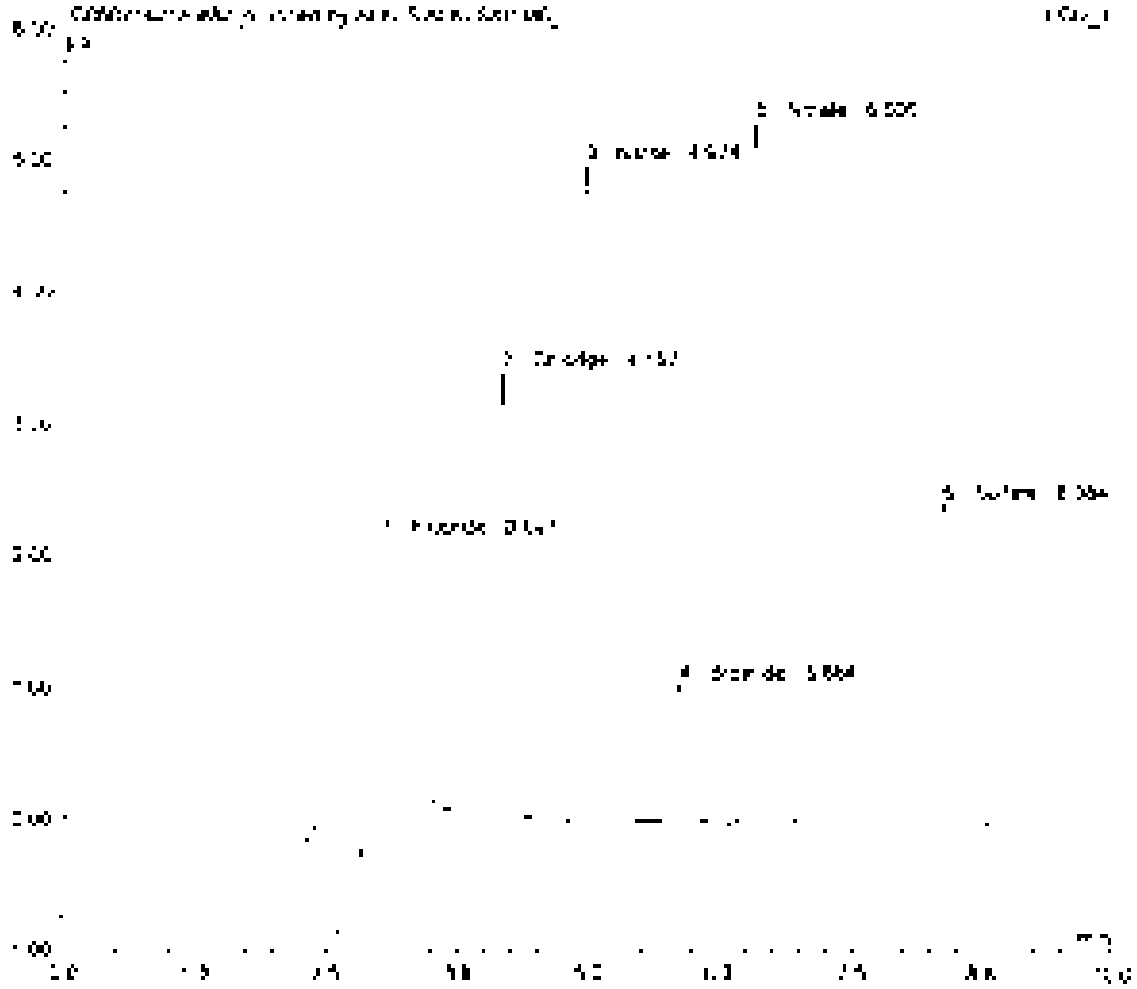
Sample Name	CCIT	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	1.0000
Program	[illegible]	Operator	n.a.
Inj. Date/Time	[illegible]	Run Time	10.00

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	Fluoride	BM	[illegible]	[illegible]	[illegible]
2	[illegible]	Chloride	M	[illegible]	[illegible]	[illegible]
3	[illegible]	Nitrite	M	[illegible]	[illegible]	[illegible]
4	[illegible]	Bromide	M	[illegible]	[illegible]	[illegible]
5	[illegible]	Nitrate	MB	[illegible]	[illegible]	[illegible]
6	[illegible]	Sulfate	BMB	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



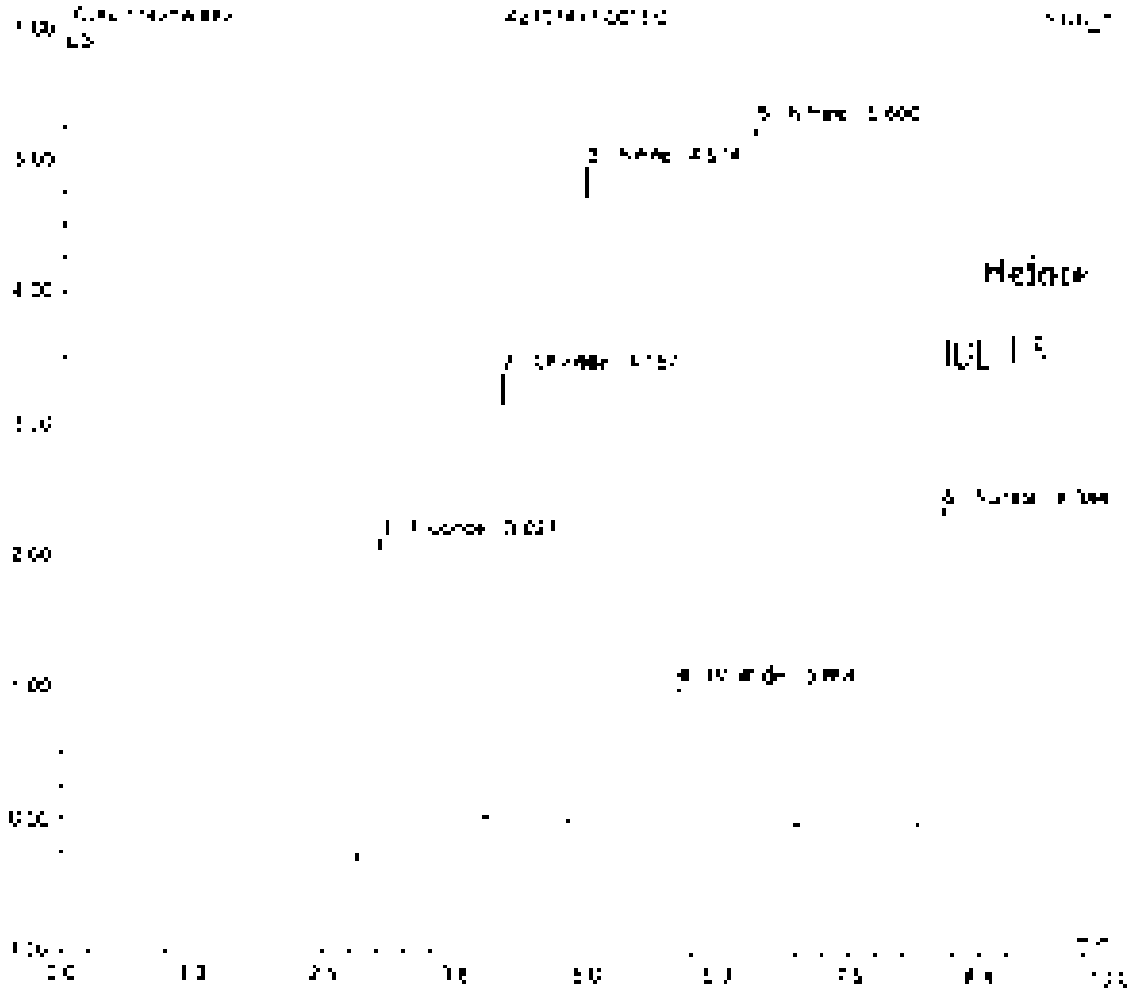
Sample Name	[illegible]	Inj. No.	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



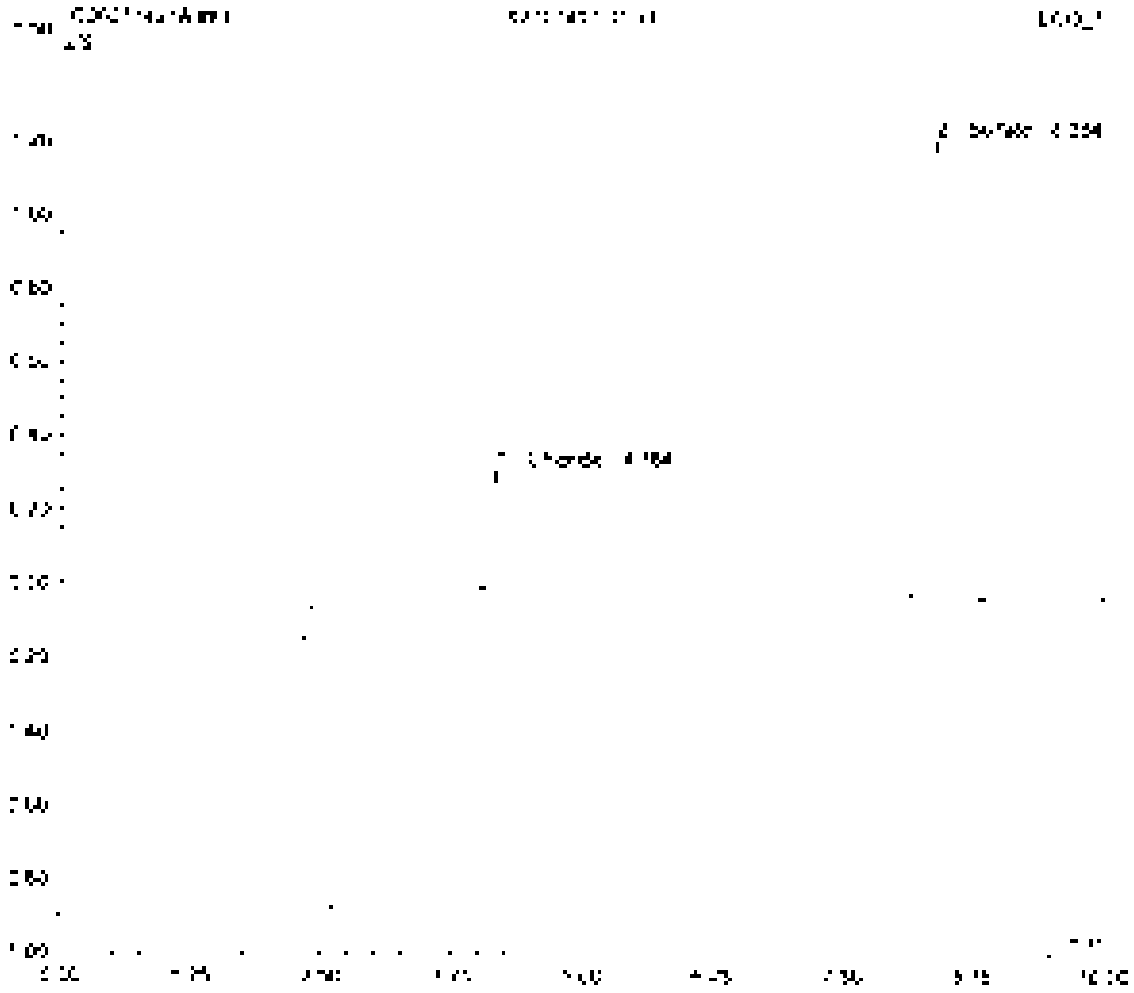
Sample Name	[illegible]	Inj Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



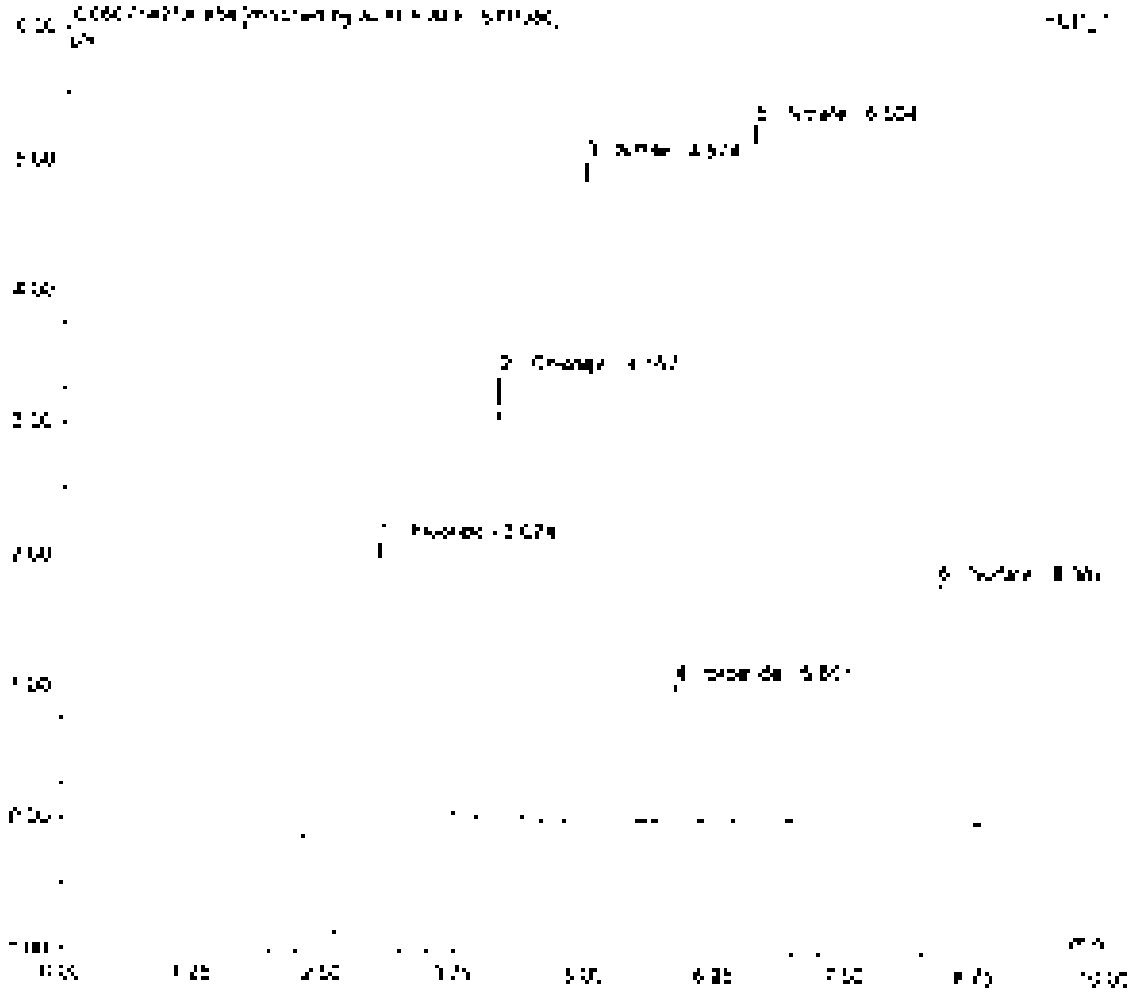
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time [min]	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



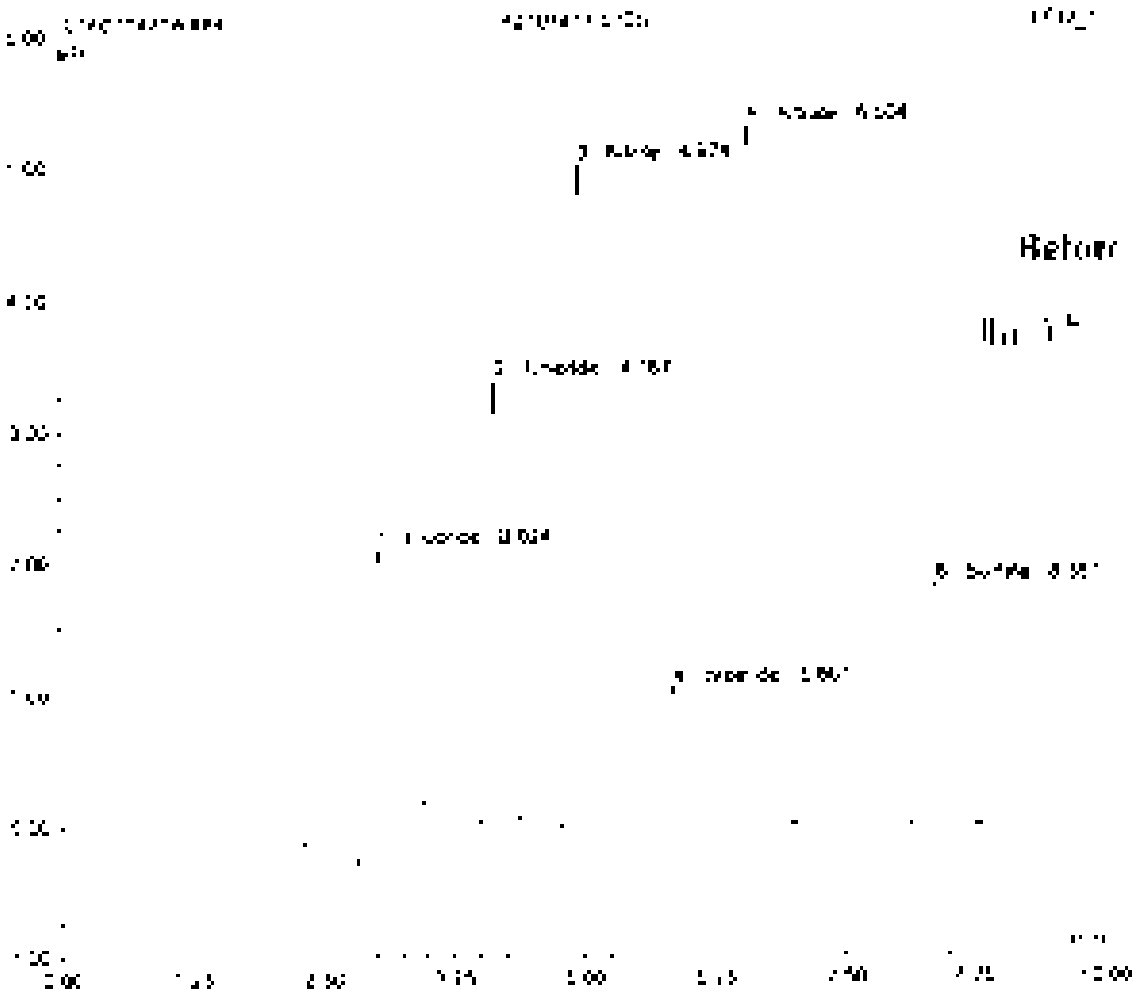
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No.	Time min	Peak name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



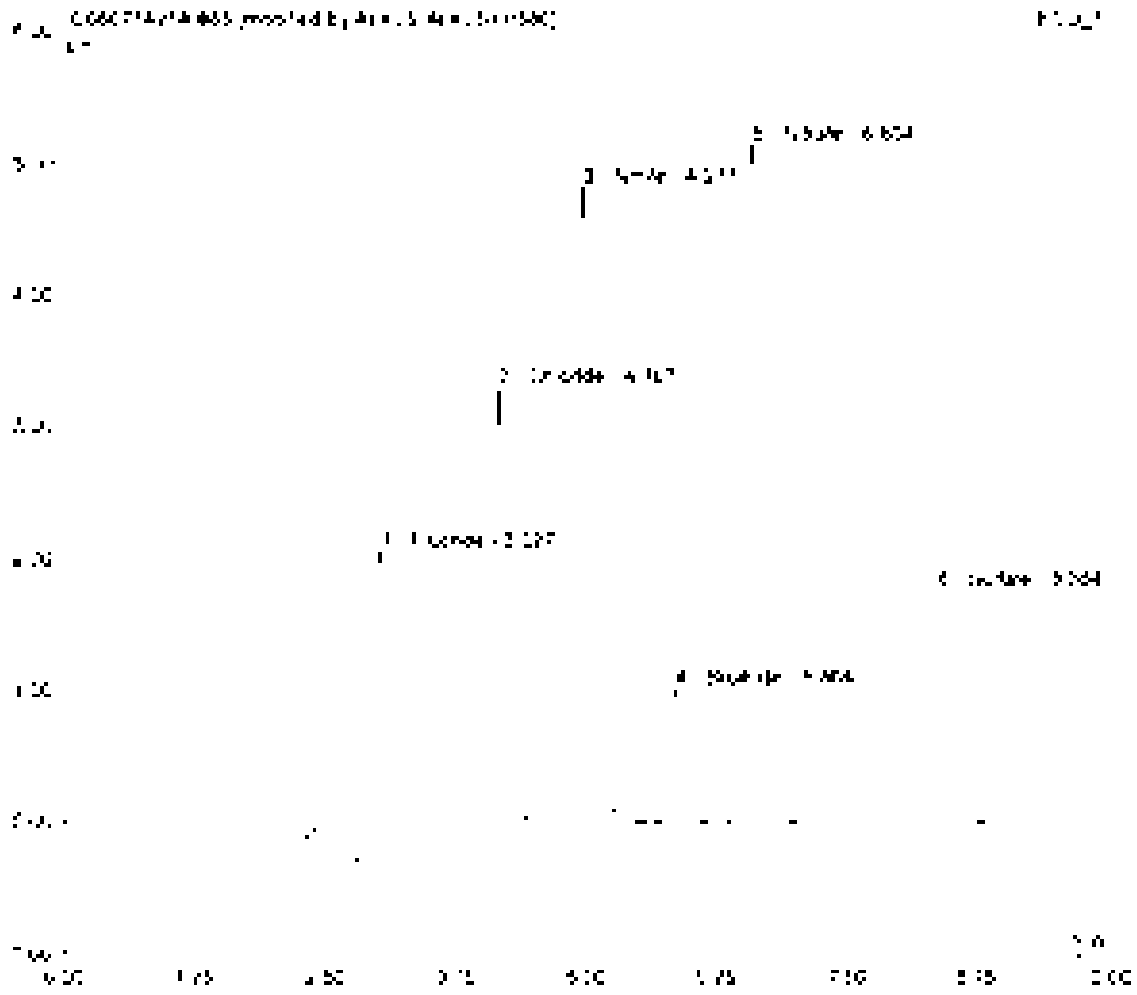
Sample Name	[illegible]	Inj Vol	[illegible]
Sample Type	unknown	Dilution Factor	[illegible]
Program	300 Dc	Operator	[illegible]
Inj Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		Total		[illegible]	[illegible]	[illegible]



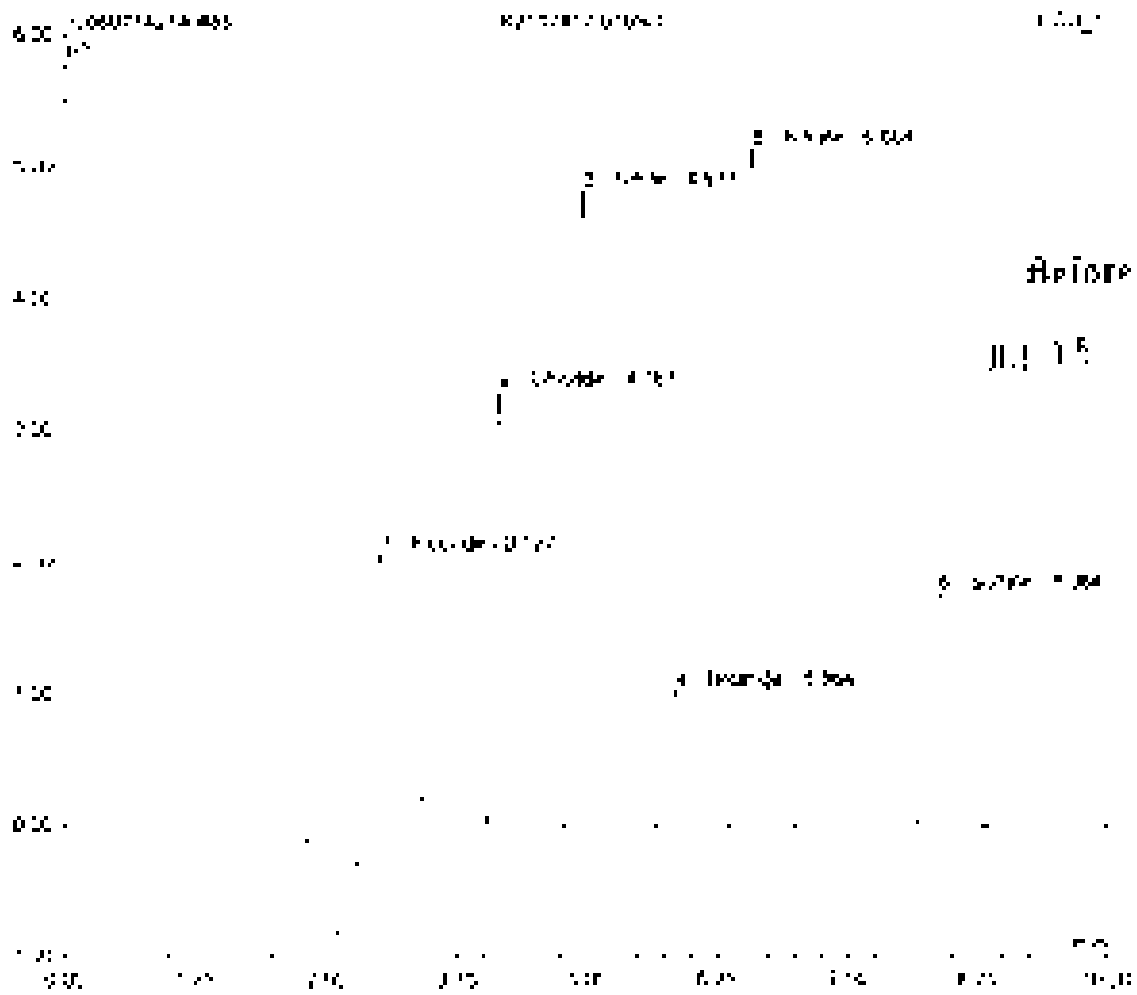
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Proc. Date	[illegible]

No	Time min	Peak Name	Type	Area µS/cm	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]				[illegible]	[illegible]	[illegible]



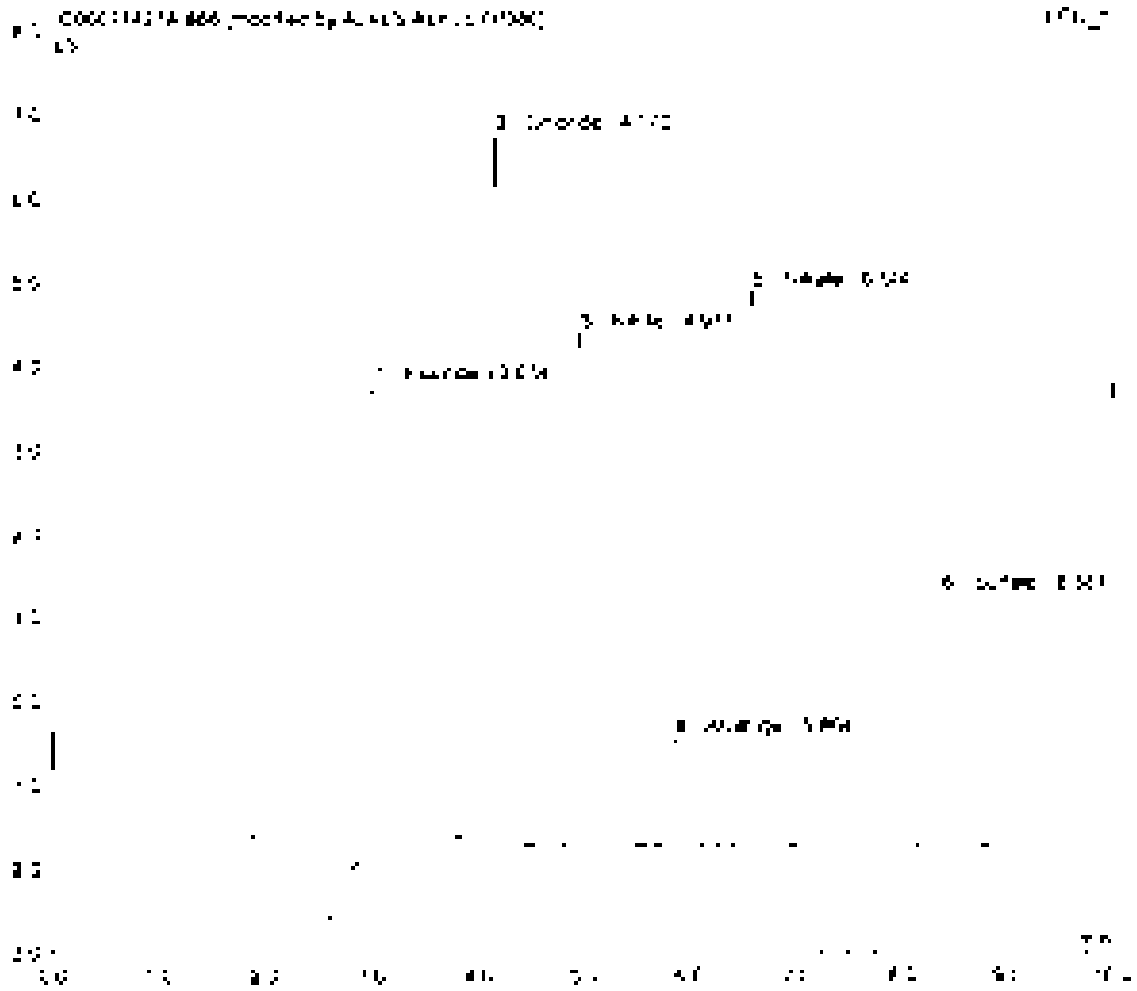
Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	Unknown	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL				[illegible]	[illegible]	[illegible]



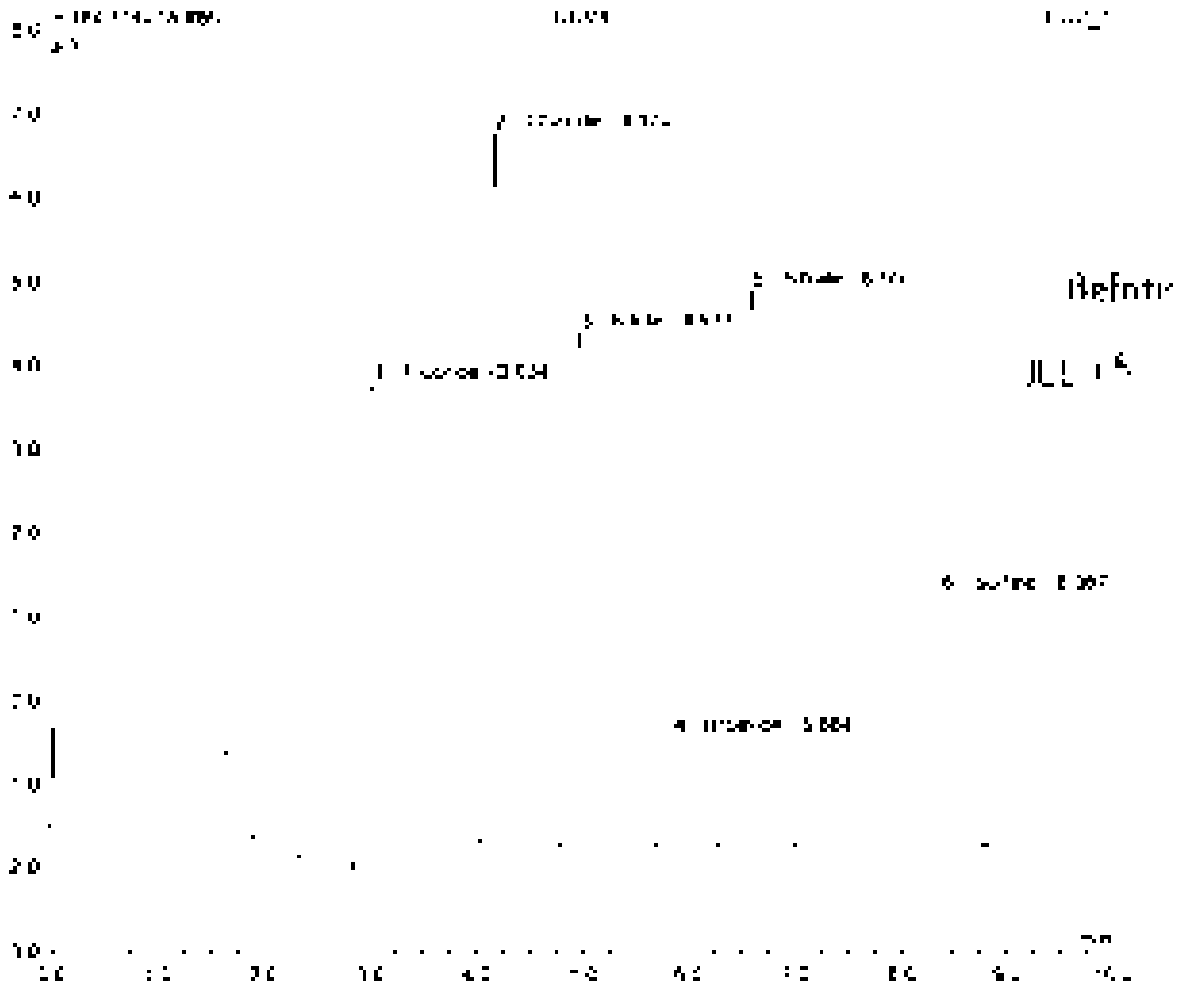
Sample Name	CCV8	[illegible]	[illegible]
Sample Type	Unknown	Dilution Factor	1.0000
Program	900_0L	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total				[illegible]	[illegible]	[illegible]



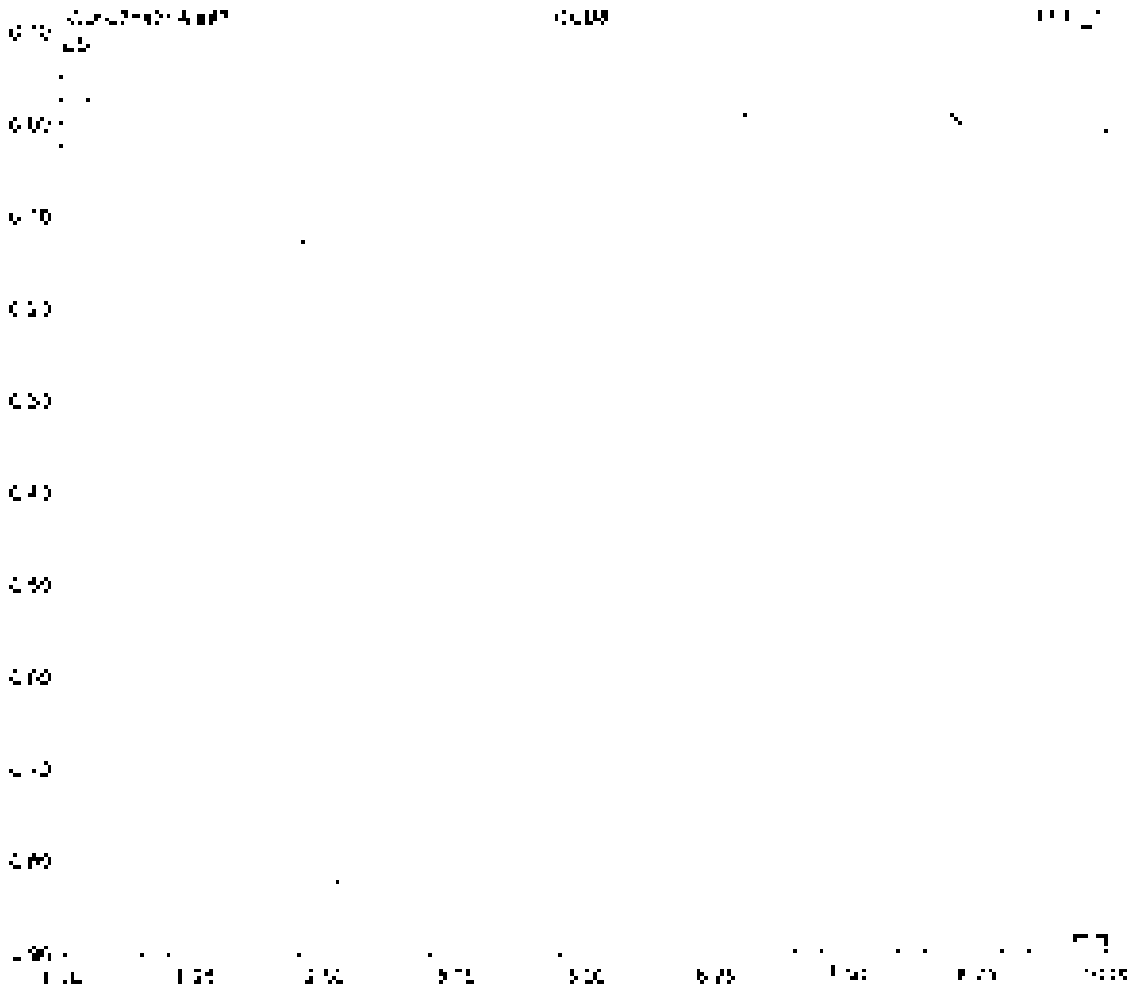
Sample Name	[illegible]	Inj. Vol.	350
Sample Type	unknown	Dilution Factor	1.0000
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	10.00

No	Time min	Peak Name	Type	Area µS/min	Height µS	Amount
1	[illegible]	[illegible]	BM	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	M	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	MM	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	MMH	[illegible]	[illegible]	[illegible]
		TOTAL		[illegible]	[illegible]	[illegible]



Sample Name	[illegible]	Inj. Vol	[illegible]
Sample Type	[illegible]	Dilution Factor	[illegible]
Program	[illegible]	Operator	[illegible]
Inj. Date/Time	[illegible]	Run Time	[illegible]

No	Time min	Peak Name	Type	Area µS*min	Height µS	Amount
		TOTAL		[illegible]	[illegible]	[illegible]



	Yes	No	N/A
Analysis			
1. Holding times met for all samples?	[illegible]		[illegible]
2. Are all chromatograms clear? (Is QC [illegible])			[illegible]
3. Were peaks manually integrated?		[illegible]	
a. Does [illegible] GLP?		[illegible]	
4. Are reagent [illegible] acceptable?	[illegible]		
5. Are all [illegible] correct?		[illegible]	[illegible]
a. Method Blank, [illegible], LCS, Dup and Spike [illegible] are the proper [illegible]?	[illegible]		
b. Are [illegible] within acceptance limits?		[illegible]	[illegible]
c. Are results for Method Blank [illegible]?		[illegible]	[illegible]
d. Are QC samples within acceptance limits? (LCS%R, MS%R, Dup RPD [illegible])	[illegible]		
e. Are [illegible] acceptable?			
6. Are all samples [illegible] correct?			

GAS Standard Identification Codes and Abbreviated Descriptions for Chromatography [illegible]

G1: Sample was [illegible] past the end of recommended holding time. See Report [illegible]
G2: Sample was [illegible] past holding time. [illegible] performed with recommended holding time
G3: Sample was [illegible] past the end of recommended holding time
R1: High RPD [illegible]
1: MRL [illegible]
1: Sample [illegible]

LCS	ALS-GM2-GEN-02	[illegible]	Expires [illegible]
Fluoride	True Value-1.0ppm		10K ALS-GM2-GEN-02-156
Chloride	True Value-5.0ppm		10K ALS-GM2-GEN-02-160
Nitrite	True Value-2.0ppm		10K ALS-GM2-GEN-02-155
Bromide	True Value-2.0ppm		10K ALS-GM2-GEN-02-158
Nitrate	True Value-2.0ppm		10K ALS-GM2-GEN-02-162
Sulfate	True Value-5.0ppm		10K ALS-GM2-GEN-02-159

LCSV	ALS-GM2-GEN-02	[illegible]	Expires [illegible]
Fluoride	True Value-1.0ppm		10K ALS-GM2-GEN-02-156
Chloride	True Value-5.0ppm		10K ALS-GM2-GEN-02-160
Nitrite	True Value-2.0ppm		10K ALS-GM2-GEN-02-155
Bromide	True Value-2.0ppm		10K ALS-GM2-GEN-02-158
Nitrate	True Value-2.0ppm		10K ALS-GM2-GEN-02-162
Sulfate	True Value-5.0ppm		10K ALS-GM2-GEN-02-159

Spike 200ppm	ALS-GM2-GEN-02	[illegible]	Expires [illegible]
Fluoride	10K ALS-GM2-GEN-02-156		
Chloride	10K ALS-GM2-GEN-02-160		
Nitrite	10K ALS-GM2-GEN-02-155		
Bromide	10K ALS-GM2-GEN-02-158		
Nitrate	10K ALS-GM2-GEN-02-162		
Sulfate	10K ALS-GM2-GEN-02-159		

Reviewed

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	

Analyst: [illegible] Date: [illegible]

First Reviewer: [illegible] Date: [illegible]

Final Reviewer: [illegible] Date: [illegible]

[illegible]

Analytical Results Summary

Development Name: [illegible] Analysis: [illegible] Analysis Lot: [illegible] Method Testcode: [illegible]

Lab Code	Target Analyte	Qual	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Line
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]

[illegible]

Analytical Results Summary

Information Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Testcode: [illegible]

Lab Code	Reported Analyte	QL	Parent Sample	Matrix	Raw Result	Sample Size	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC *	Lab
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Testcode: [illegible]

Lab Code	Target Analyte	QL	Parent Sample	Matrix	Raw Result	Sample Size	Final Result	DF	MDL	PQL	Surr	Surr RP	Date Analyzed	QC?	Det
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	D
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	D
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	D
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]						[illegible]	N	D
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	D
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	D
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	D
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	D

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Textcode: [illegible]

Lab Code	Parent Analyte	QL	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	DF	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Int
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IS
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IS
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IS
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IS
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	IS
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	IS
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	IS
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	IS
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	IS
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[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	IS
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[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	IS
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[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	IS
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[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	IS
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[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	IS

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Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Extract: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DF	MDL	PQL	% Rec	% RSD	Date Analyzed	QC_?	Acc
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Inventor [illegible]
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5	[illegible]	Standard	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	Standard	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	Standard	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	Standard	8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]	Unknown	45	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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15	[illegible]	Unknown	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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25	[illegible]	Unknown	13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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33	[illegible]	Unknown	44	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
34	[illegible]	Unknown	41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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37	[illegible]	Unknown	23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
38	[illegible]	Unknown	24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
39	[illegible]	Unknown	25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
40	[illegible]	Unknown	26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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42	[illegible]	Unknown	28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Location [illegible]
Formulation [illegible]
Version [illegible]
Created [illegible]
Last Update [illegible]

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74	[illegible]		[illegible]	
75	[illegible]		[illegible]	
76	[illegible]		[illegible]	
77	[illegible]		[illegible]	
78	[illegible]		[illegible]	
79	[illegible]		[illegible]	

Sequence

Date

Service Request	Client/Matrix/Tier	Anion	1st Qtr	3rd Qtr	Recovery	Date
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				

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Sequence

Line

Service Request	Characteristics/Tier	Anion	1st Qtl	2nd Qtl	Recovery	Comp
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
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		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				

Frequency

Service Request	Comments/Issues/Tasks	Analyte	1st DF	2nd DF	Recovery	Done
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				

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Sequence [illegible]

Run [illegible]

Service Request	Chem/Weight/Vol	Anion	1st DI	2nd DI	Recovery	Done
[illegible]		F Cl NO2 Br NO3 SO4				
[illegible]		F Cl NO2 Br NO3 SO4				
[illegible]		F Cl NO2 Br NO3 SO4				
[illegible]		F Cl NO2 Br NO3 SO4				
[illegible]		F Cl NO2 Br NO3 SO4				
[illegible]		F Cl NO2 Br NO3 SO4				
[illegible]		F Cl NO2 Br NO3 SO4				
[illegible]		F Cl NO2 Br NO3 SO4				
[illegible]		F Cl NO2 Br NO3 SO4				
[illegible]		F Cl NO2 Br NO3 SO4				

R:\WLT\ANALYSES\IOhCHRGM\XSL.chg (Gas)

ALS ENVIRONMENTAL, INC.

Ion Chromatographic Calibration Data

Sequence: IC [illegible]

Date: 04/08/21

Anion	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Corr. Coeff	Slope	Residual
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9972	0.2511	
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9302	0.1731	
NO2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9674	0.3559	
Br	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.99	0.0709	
NO3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9291	0.4207	
SO4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9937	0.1232	
									99.9679	0.1744	

[illegible] calibration standard concentrations, using [illegible] calibrations were used

Calibration used for analysis:

No	Peak name	Cal.Type	#Points	Rel Std Dev. %	Corr.Coeff. %	Offset	Slope	Curve
1	Fluoride	Lin	8	0.6159	99.9972	0	0.2511	0
2	Chloride	Lin	8	3.1385	99.9302	0	0.1731	0
3	Nitrite	Lin	8	2.1363	99.9674	0	0.3559	0
4	Bromide	Lin	8	1.1723	99.99	0	0.0709	0
5	Nitrate	Lin	8	3.1594	99.9291	0	0.4207	0
6	Sulfate	Lin	8	0.9233	99.9937	0	0.1232	0
Average:			6	1.8575	99.9679	0	0.1744	0

[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

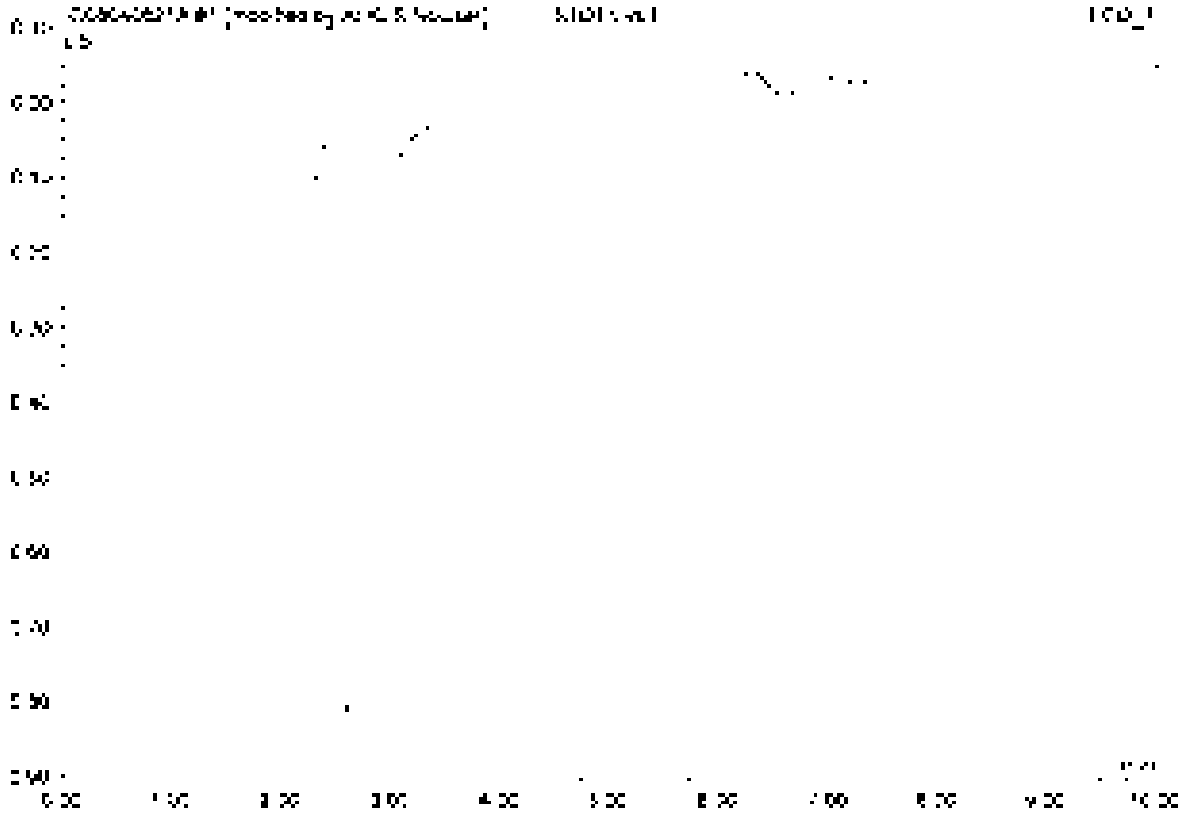
	STD2	STD3	STD4	STD5	STD6	STD7	STD8	STD9
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SO4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Br	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

1 STD1/LVL1

DI

Sample Name	STD1/LVL1	Injection Volume	25.0
Vial Number	1	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quantif. Method	spa300	Calibrat. Factor	1.0000
Recording Time	4/8/2021 13:04	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

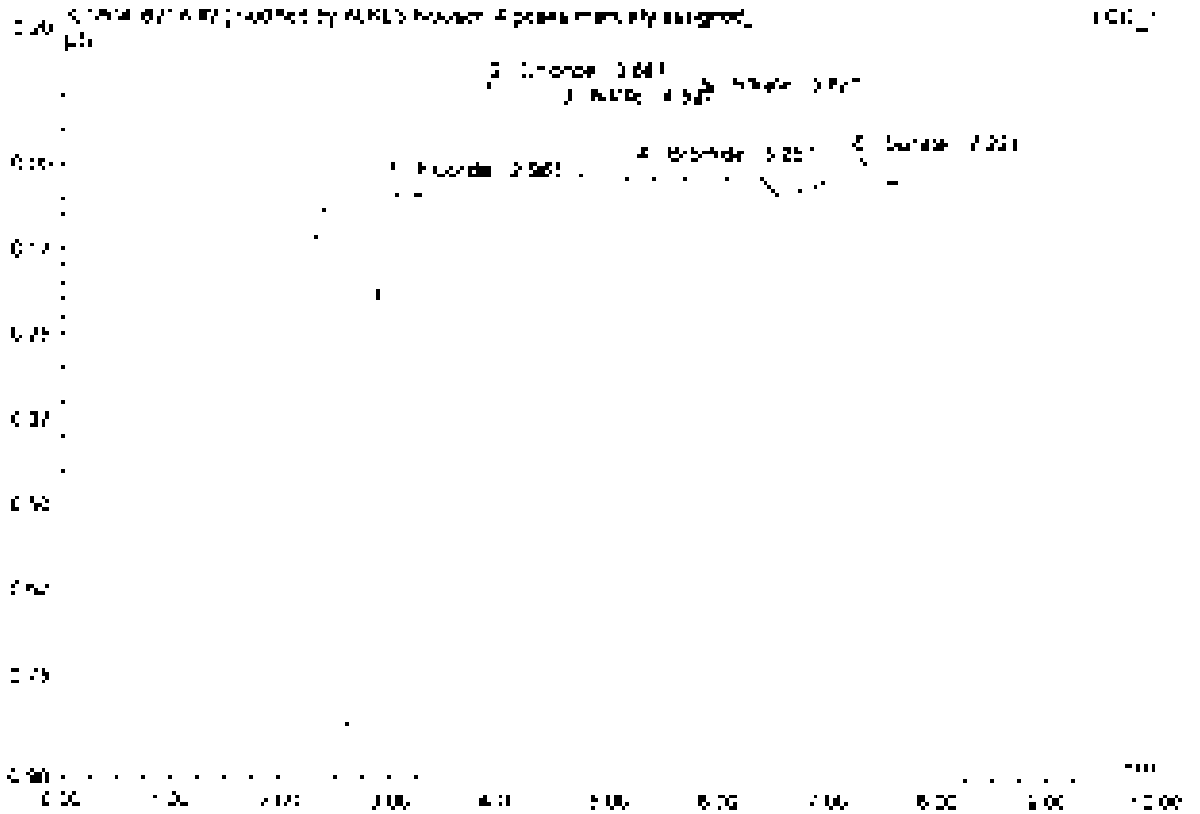


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

2 STD2/LVL2

21-GEN-02-17A

Sample Name	STD2/LVL2	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	1.0000
Processing Time	4/8/2021 13:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

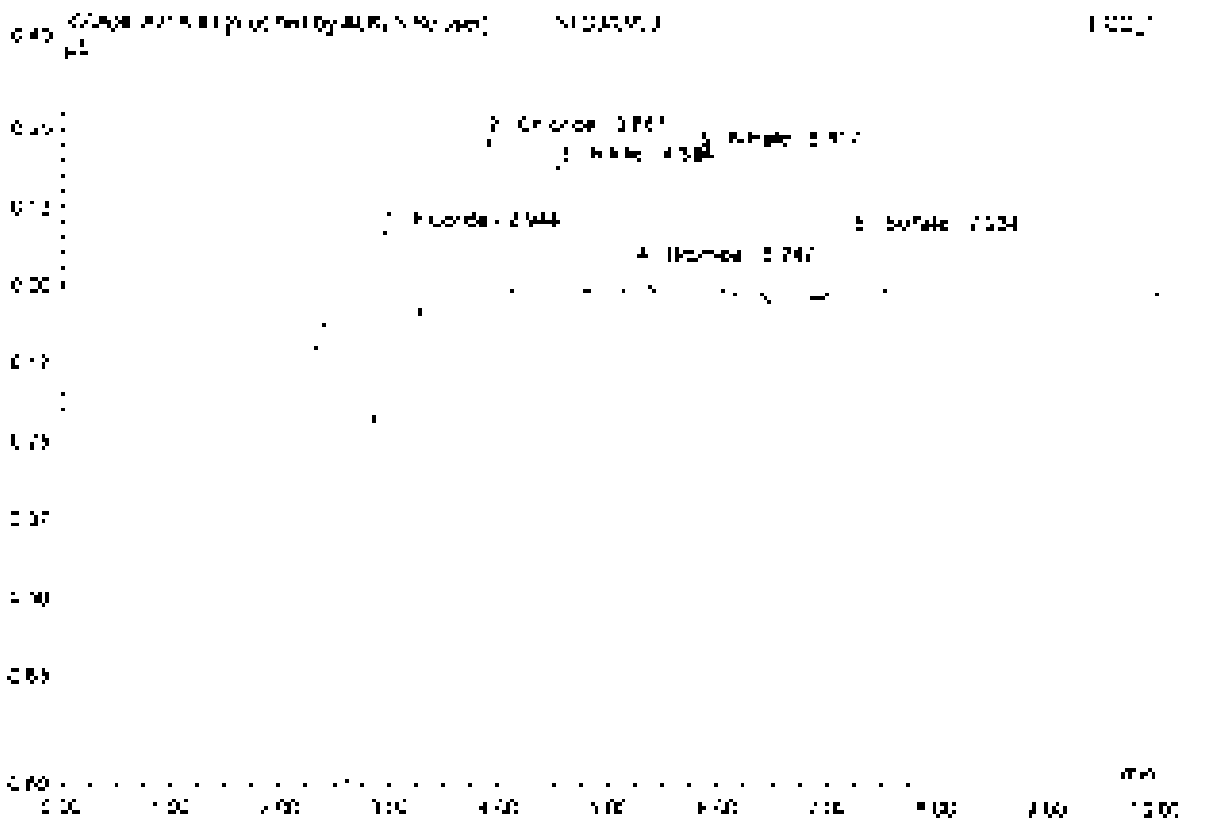


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.96	Fluoride	0.137	0.027	27.45	0.107	BMB*
2	3.89	Chloride	0.139	0.017	17.40	0.062	BMB*
3	4.94	Nitrite	0.104	0.016	16.14	0.044	BMB*
4	5.25	Bromide	0.024	0.004	3.61	0.030	BMB*
5	6.82	Nitrate	0.125	0.021	21.27	0.049	BMB*
6	7.22	Sulfate	0.045	0.014	14.14	0.072	BMB*
Total:			0.573	0.098	100.00	0.463	

3 STD3/LVL3

21-GEN-02-17B

Sample Name	STD3/LVL3	Injection Volume	25.0
Vial Number	3	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	4/8/2021 13:27	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

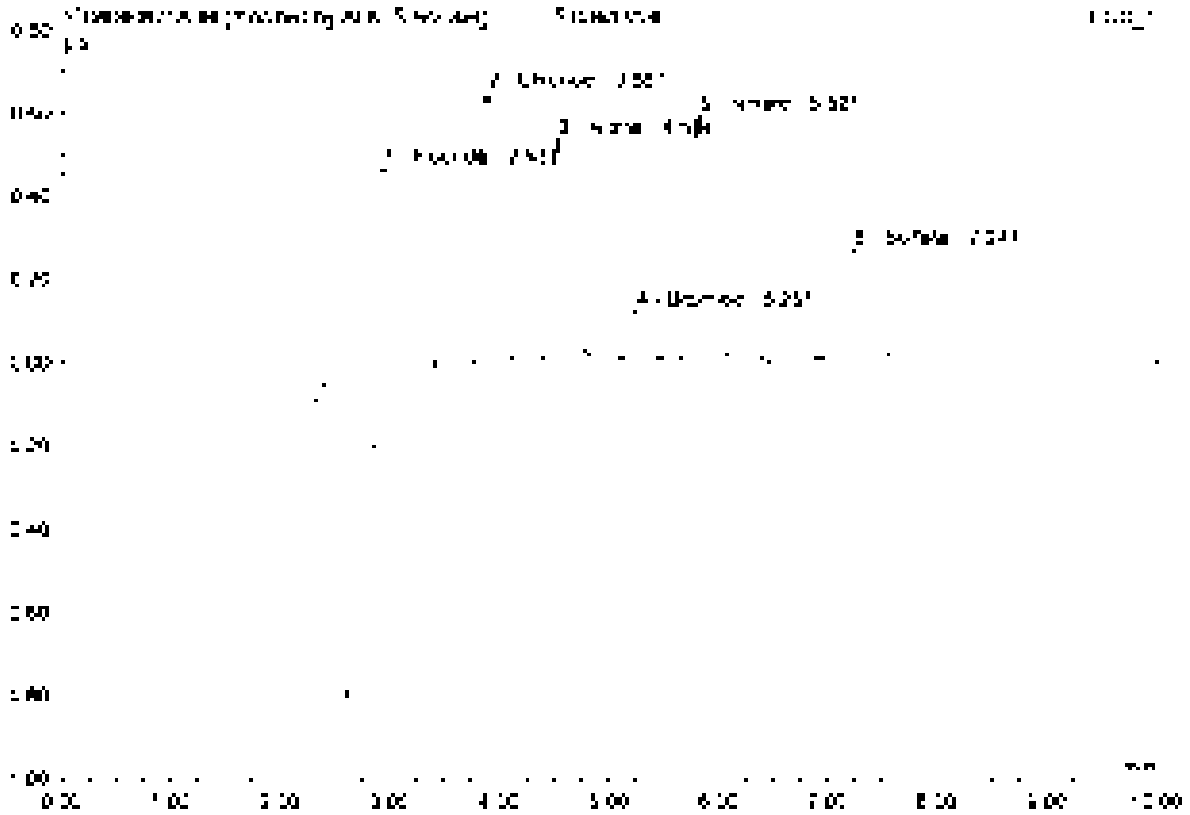


No	Ret.Time min	Peak name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.54	Fluoride	0.271	0.052	28.05	0.205	BMB*
2	3.89	Chloride	0.258	0.031	17.10	0.182	BMB*
3	4.53	Nitrite	0.204	0.031	16.98	0.080	BMB*
4	5.25	Bromide	0.044	0.007	3.57	0.093	BMB
5	6.82	Nitrate	0.231	0.038	20.66	0.090	BMB*
6	7.28	Sulfate	0.099	0.025	13.60	0.203	BMB*
Total:			[illegible]	0.184	100.00	0.862	

4 STD4/LVL4

21-GEN-02-17C

Sample Name	STD4/LVL4	Injection Volume	26.0
Vial Number	4	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 10:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

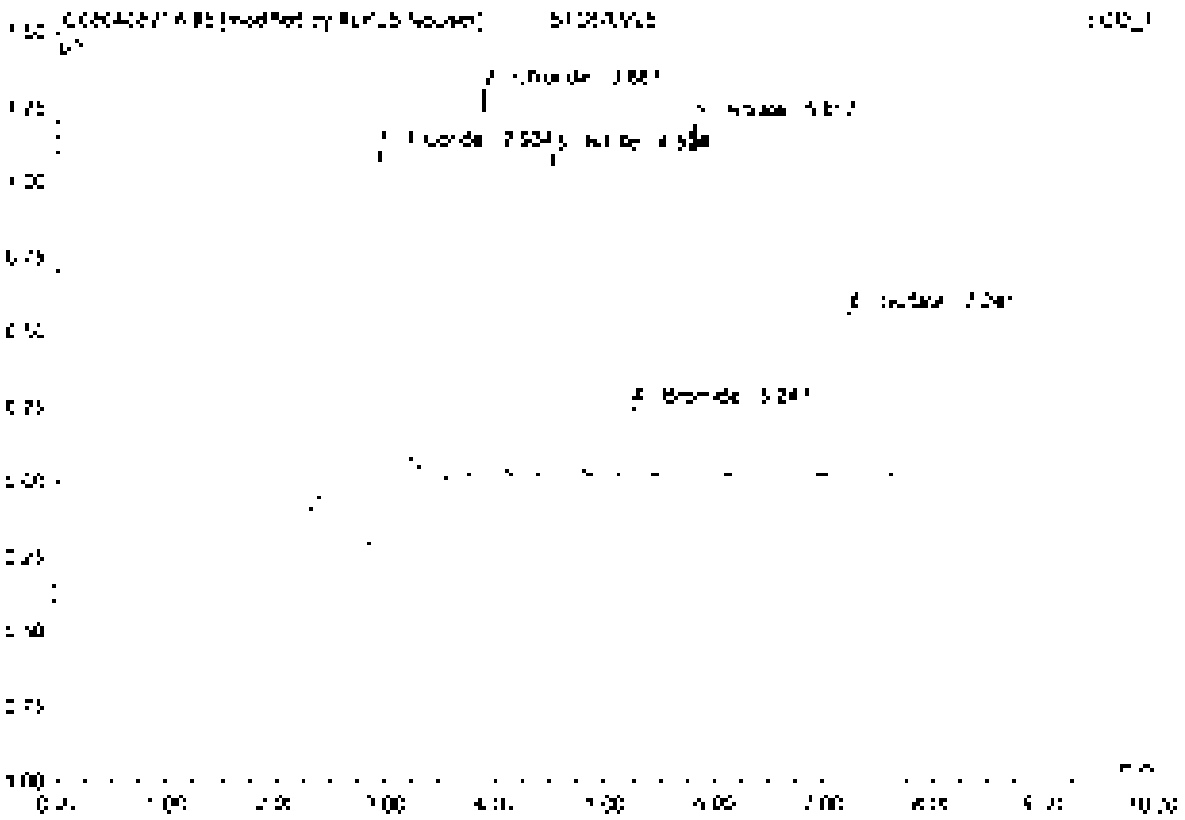


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	0.644	0.127	27.45	0.507	BMB*
2	3.80	Chloride	0.648	0.075	15.94	0.454	BMB*
3	4.53	Nitrite	0.528	0.083	17.82	0.233	BMB*
4	5.25	Bromide	[illegible]	[illegible]	[illegible]	0.246	BMB
5	5.82	Nitrate	0.585	0.097	20.84	0.230	BMB*
6	7.24	Sulfate	0.264	0.061	13.19	0.497	BMB
Total			2.784	0.464	100.00	2.167	

5 STD5/LVL5

21-GEN-02-17D

Sample Name	STD5/LVL5	Injection Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 12:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

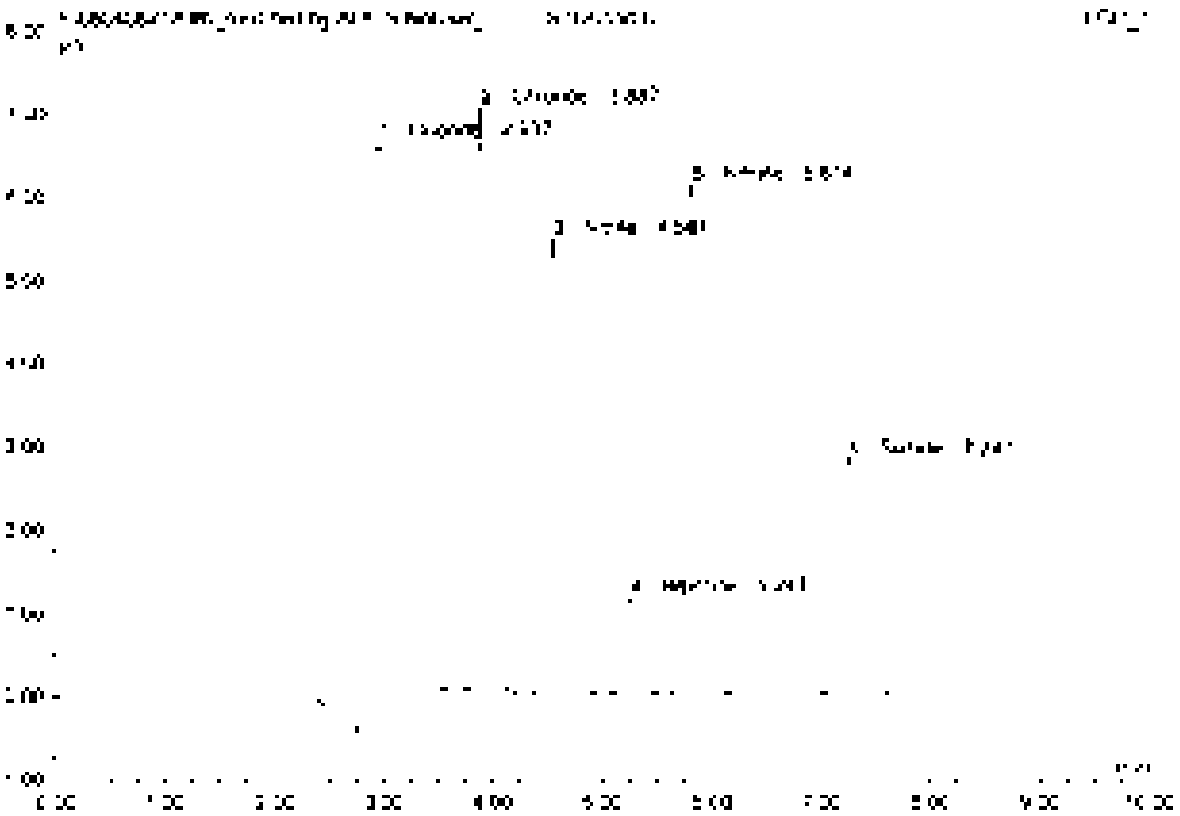


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.91	Fluoride	1.288	0.256	27.38	1.018	BV6*
2	3.29	Chloride	1.290	0.153	16.85	0.909	BV6*
3	4.52	Nitrite	1.074	0.157	17.59	0.469	BV6*
4	5.25	Bromide	0.232	0.035	3.74	0.402	BV6
5	5.82	Nitrate	1.181	0.196	20.98	0.455	BM6*
6	7.24	Sulfate	0.542	0.123	13.16	0.997	BM6*
Total			5.674	0.933	100.00	4.350	

6 STD6/LVL6

21-GEN-02-17E

Sample Name	STD6/LVL6	Injection Volume	25.0
Vial Number	6	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Comm. Program	apa300	Bandwidth	n.a.
Quant. Method	apa300	Dilution Factor	1.0000
Recording Time	4/6/2021 14:02	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

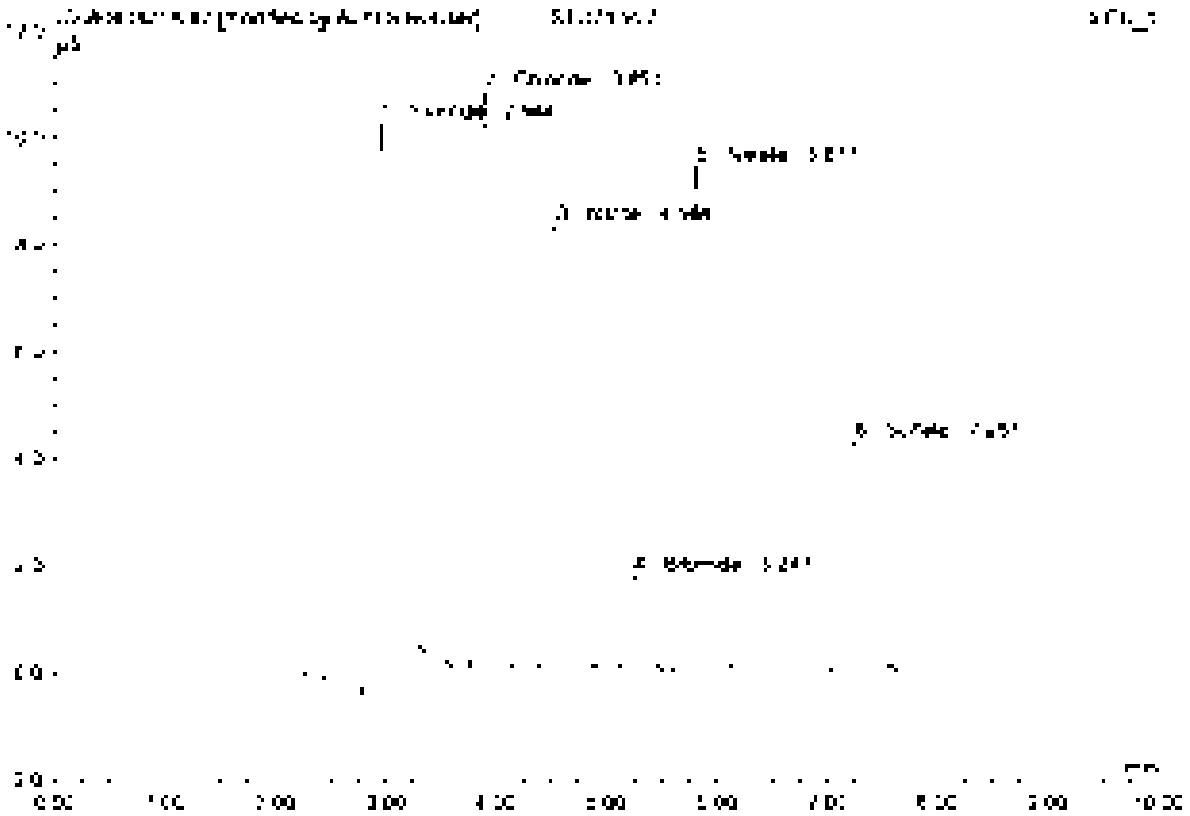


No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.94	Fluoride	6.988	1.262	26.41	5.027	BMB*
2	3.80	Chloride	7.029	0.841	17.60	4.859	BMB*
3	4.54	Nitrite	5.482	0.727	15.20	2.449	BMB*
4	5.25	Bromide	[illegible]	[illegible]	[illegible]	2.475	BMB
5	5.81	Nitrate	6.130	[illegible]	21.23	2.412	BMB*
6	7.25	Sulfate	2.832	0.614	12.85	4.984	BMB*
Total:			25.526	4.779	100.00	22.207	

7 STD7/LVL7

21-GEN-02-17P

Sample Name	STD7/LVL7	Injection Volume	25.0
Vial Number	7	Column	IC03 1
Sample Type	standard	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quantif. Method	spa300	Dilution Factor	1.0000
Processing Time	4/8/2021 14:13	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

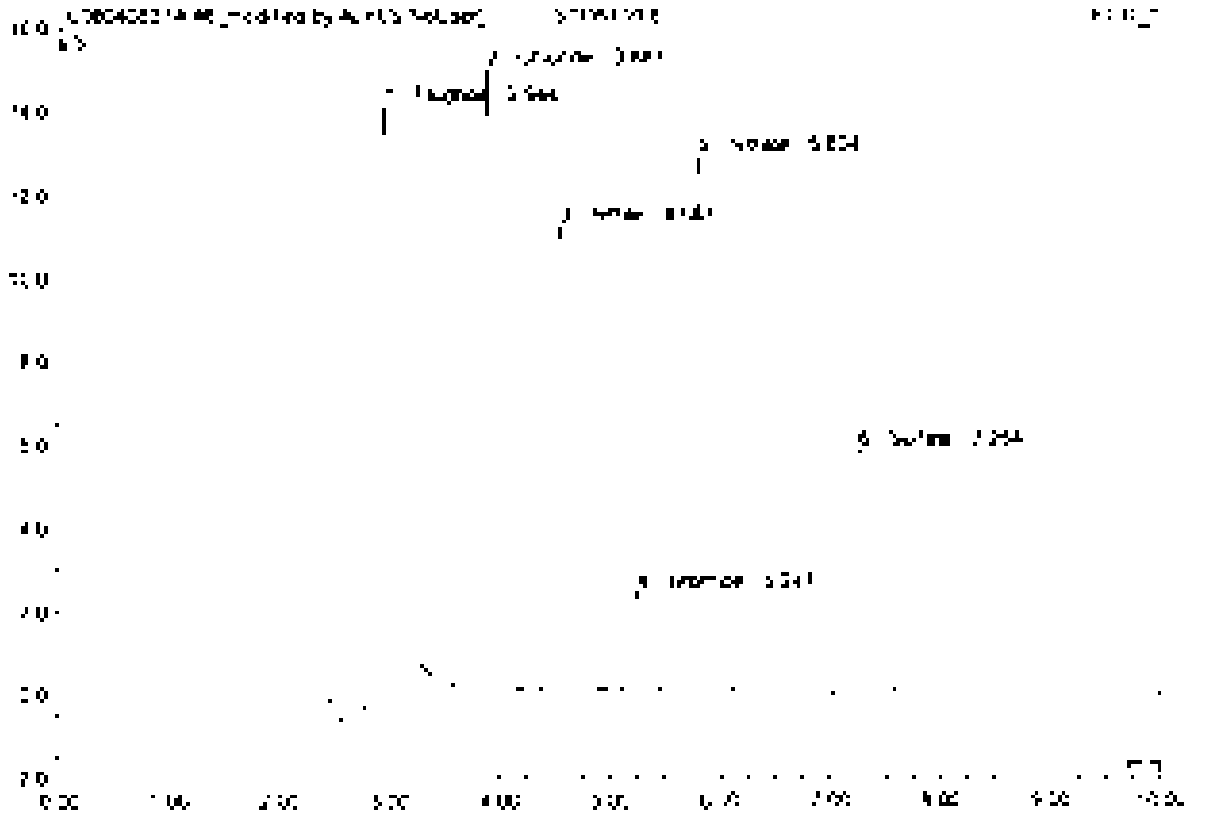


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	10.966	1.874	25.97	7.462	BV8*
2	3.89	Chloride	10.772	1.279	17.73	7.390	BV8*
3	4.54	Nitrite	8.302	1.323	18.33	3.717	BV8*
4	5.25	Bromide	1.759	0.264	3.66	0.724	BV9
5	5.81	Nitrate	8.416	1.560	21.61	3.430	BV8*
6	7.25	Sulfate	4.251	0.917	12.70	7.443	BV9
Total:			45.095	7.217	100.00	33.445	

8 STD8/LVL8

21-GEN-02-170

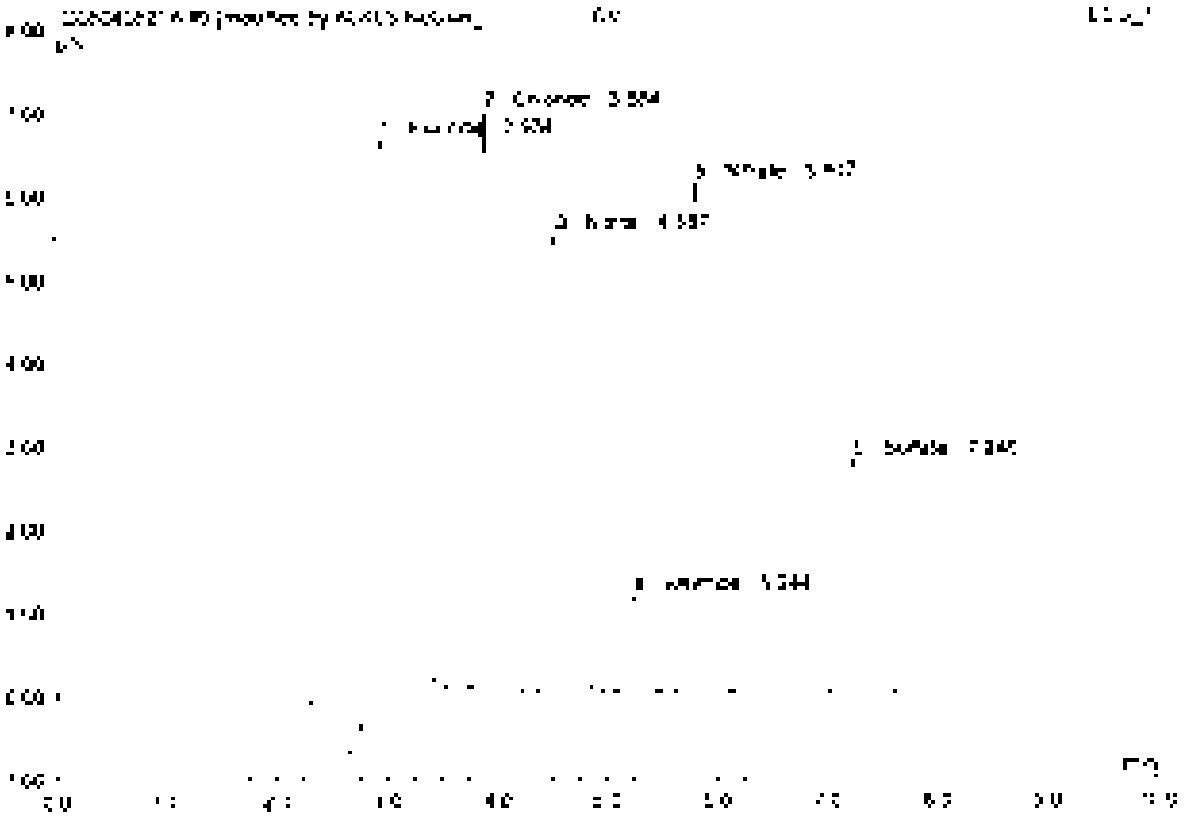
Sample Name	STD8/LVL8	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Count Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 14:26	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	14.402	2.514	25.04	10.013	BMB*
2	3.89	Chloride	14.513	1.760	17.95	10.765	BMB*
3	4.55	Nitrite	17.205	1.799	18.34	5.065	BMB*
4	5.25	Bromide	2.375	0.357	3.64	5.033	BMB
5	5.80	Nitrate	12.850	2.137	21.80	5.080	BMB*
6	7.25	Sulfate	5.817	1.238	12.63	10.050	BMB
Total			67.613	9.805	100.00	45.995	

9 ICV

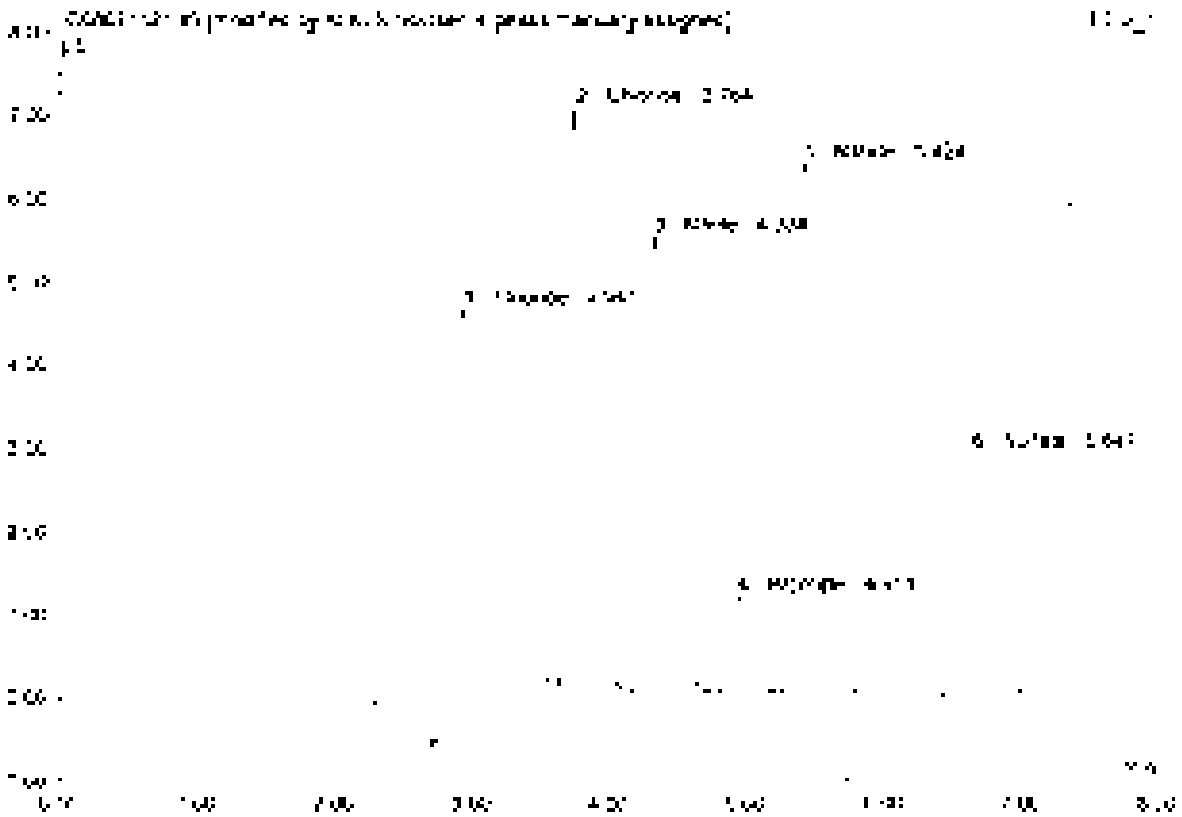
Sample Name	ICV	Injection Volume	25.0
Vial Number	9	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 10:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.92	Fluoride	6.870	1.257	26.45	5.005	BV B*
2	3.88	Chloride	5.953	0.834	17.55	4.015	BV B
3	4.54	Nitrite	5.496	0.869	18.28	2.442	BV B
4	5.24	Bromide	1.100	0.175	3.68	2.461	BV B
5	5.87	Nitrate	6.124	1.013	21.33	2.459	BV B
6	7.24	Sulfate	2.792	0.603	12.69	4.805	BV B
Total:			28.500	4.750	100.00	22.926	

9 CCV1

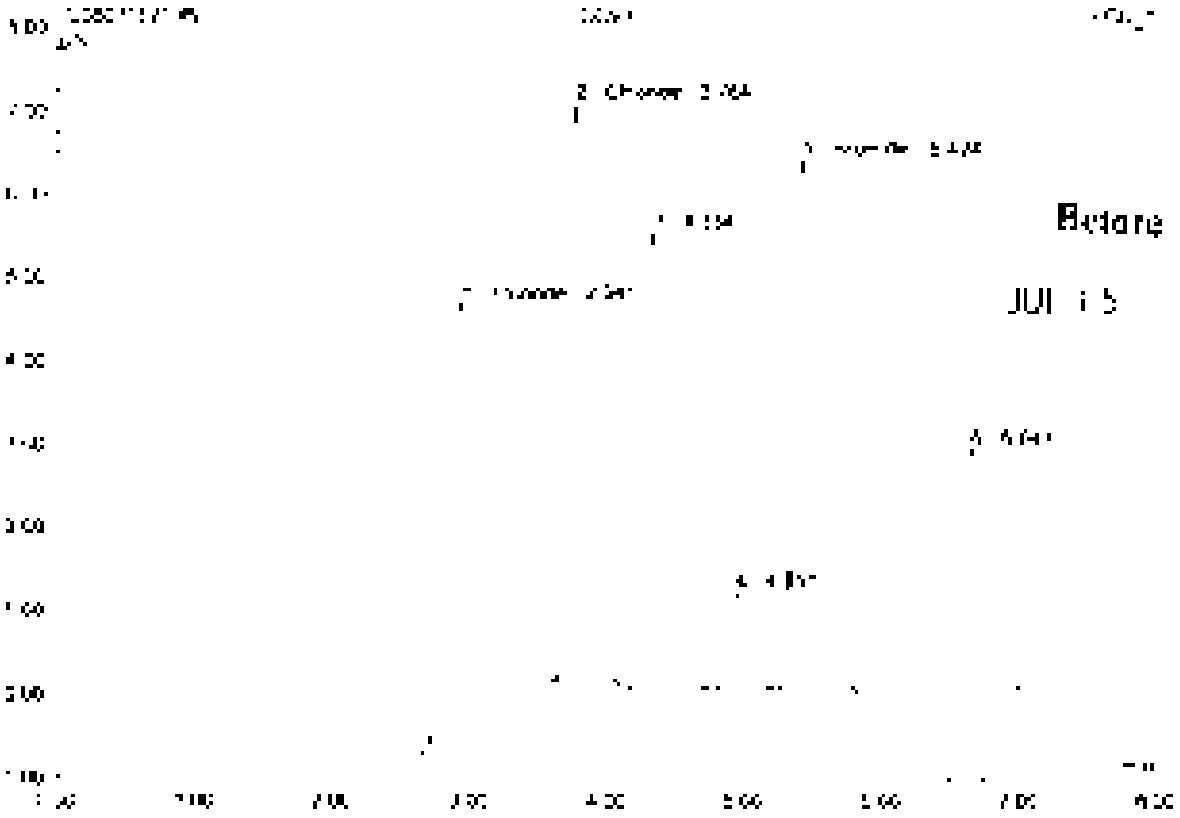
Sample Name	CCV1	Injection Volume	25.0
Vial Number	45	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	7/15/2021 16:14	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.54	Fluoride	5.058	1.215	25.62	4.338	BV B*
2	3.76	Chloride	6.546	0.828	17.5[illegible]	4.784	BV B*
3	4.03	Nitrite	5.483	0.8[illegible]6	15.5[illegible]	2.48[illegible]	BMB*
4	4.55	Bromide	1.168	0.170	3.60	2.400	BMB*
5	5.42	Nitrate	6.381	1.037	21.9[illegible]	2.464	BMB*
6	6.85	Sulfate	2.523	0.605	12.75	4.5[illegible]2	BMB*
Total:			27.962	4.731	100.00	2[illegible].860	

9 CCV1

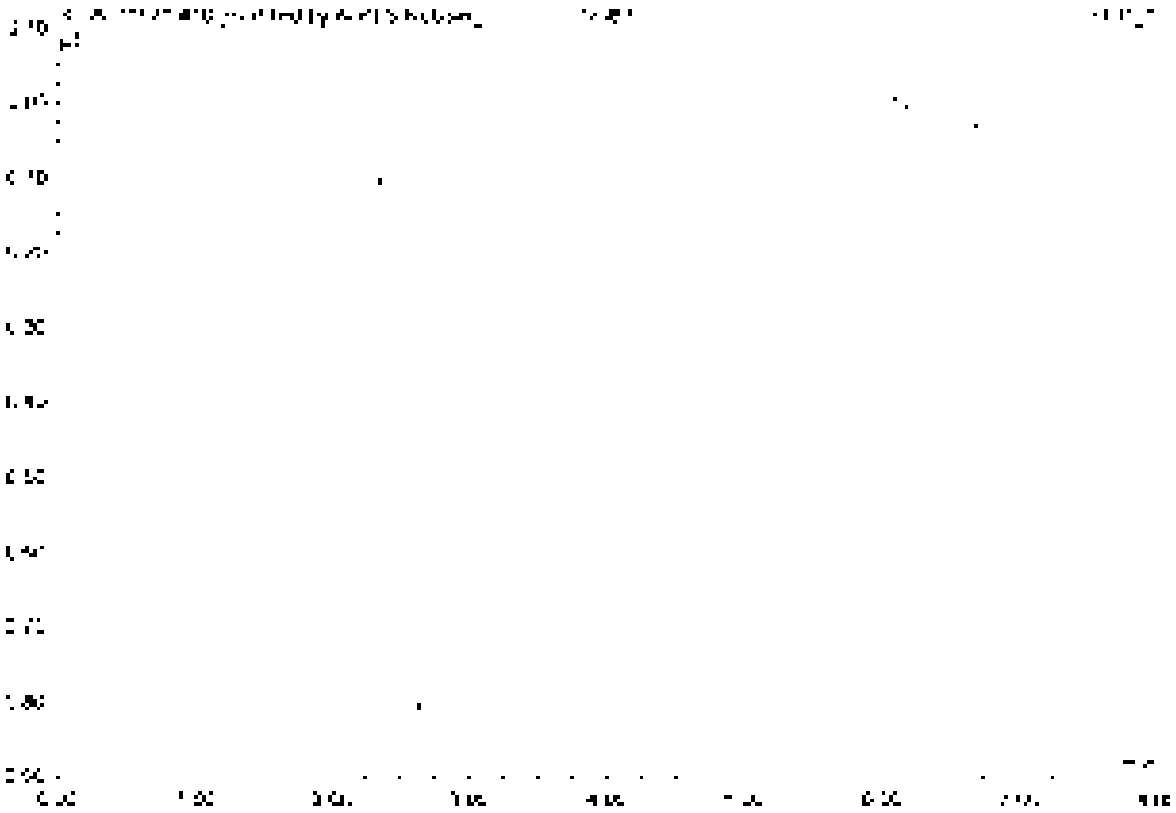
Sample Name	CCV1	Injection Volume	25.0
Run Number	48	Channel	LCD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant. Method	wpa300	Dilution Factor	1.0000
Recording Time	7/15/2021 14.14	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.56	Fluoride	5 089	[illegible] 251	26.40	5 023	BV0
2	3.76	Chloride	6 548	0 828	17.34	4 784	BV8
3	4.33	n.a.	5 483	0 [illegible]5	18.01	n.a.	BV9
4	4.95	n.a.	[illegible] 168	0 [illegible]30	3.56	n.a.	BV9
5	5.42	Bromide	6 381	[illegible] 037	27.70	14 613	BV0
6	6.65	n.a.	2 523	0 535	12.67	n.a.	BV8
Total:			27 989	4 [illegible]77	100.00	24 417	

10 CCB1

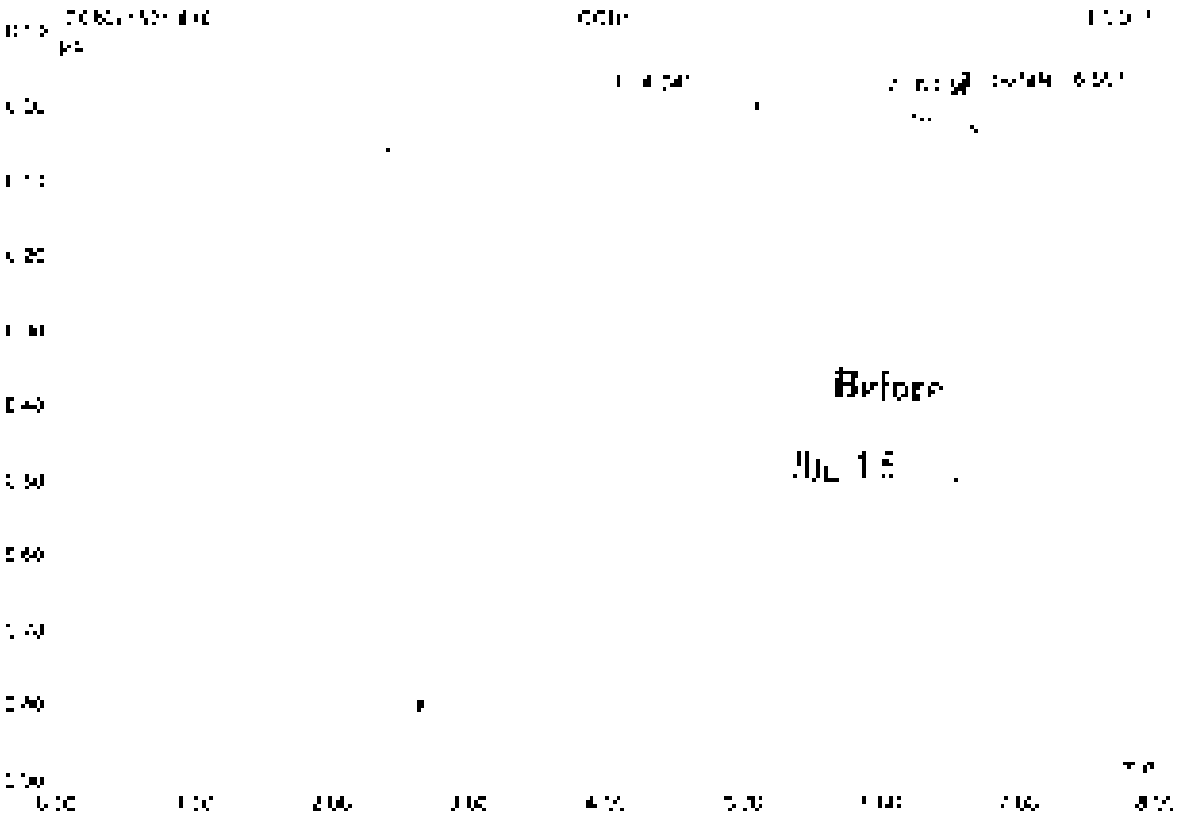
Sample Name	CCB1	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	7/15/2021 14 33	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

10 CCB1

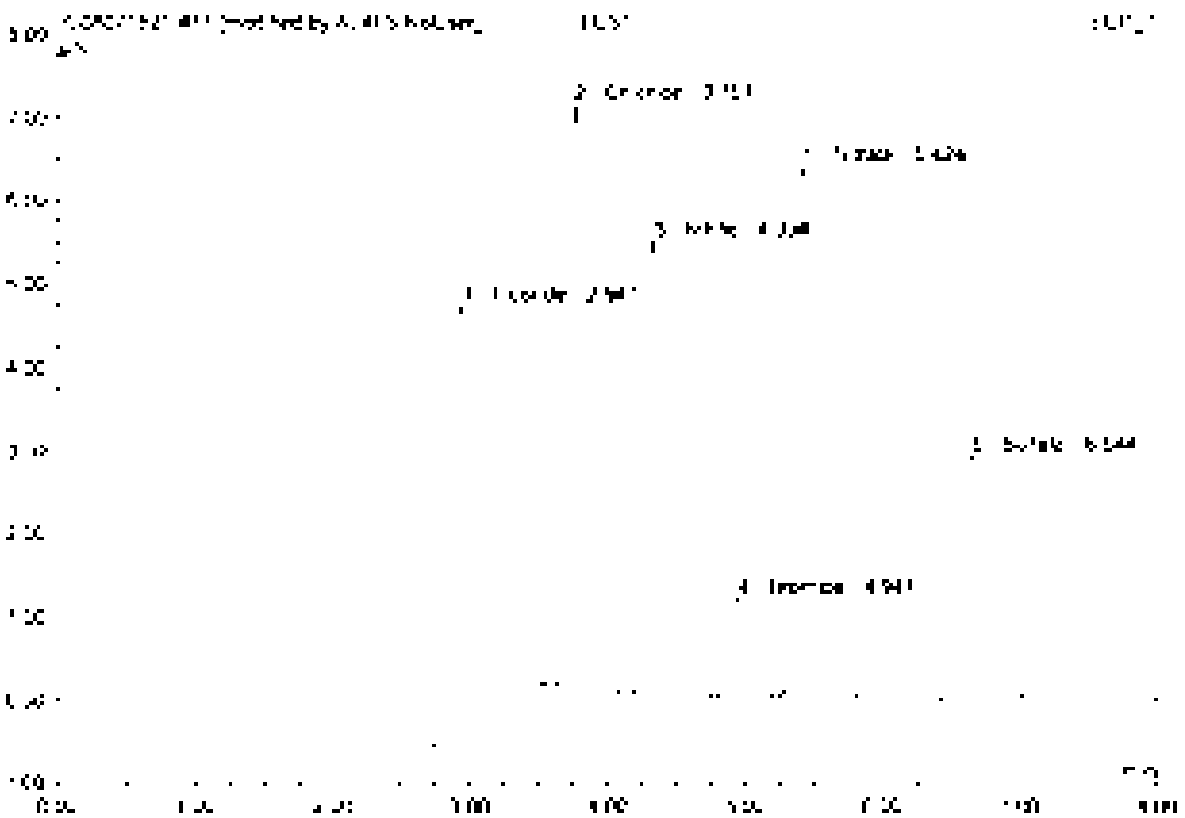
Sample Name	CCB1	Injection Volume	10.0
Vial Number	43	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Control Method	spa300	Dilution Factor	1.0000
Receiving Time	7/15/2021 14:23	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	n.a.	0.355	0.832	97.70	n.a.	BMB
2	5.01	n.a.	0.026	0.011	1.30	n.a.	bMB
3	6.57	Sulfate	0.048	0.008	0.97	0.063	BMB
Total			0.449	0.851	100.00	0.063	

11 LCS1

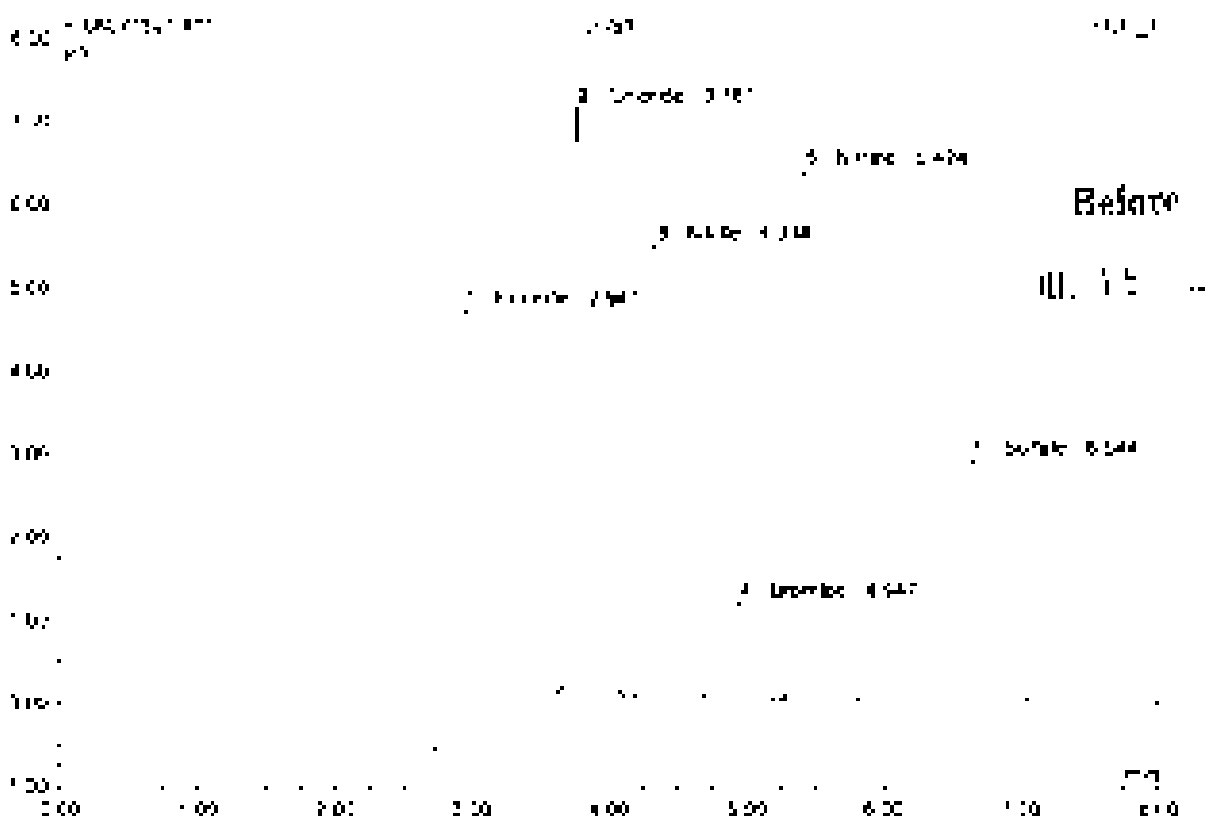
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/16/2021 14:13	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	5.122	[illegible]	25.69	[illegible]	BMB*
2	3.76	Chloride	7.927	[illegible]	[illegible]	[illegible]	BMB*
3	4.32	Nitrite	5.472	0.572	[illegible]	2.449	BMB
4	4.95	Bromide	1.175	[illegible]	3.61	2.405	BMB
5	5.42	Nitrate	6.278	1.034	[illegible]	2.458	BMB
6	6.64	Sulfate	2.927	0.608	12.79	4.976	BMB
Total			25.701	4.756	100.00	21.9[illegible]	

11 LCS1

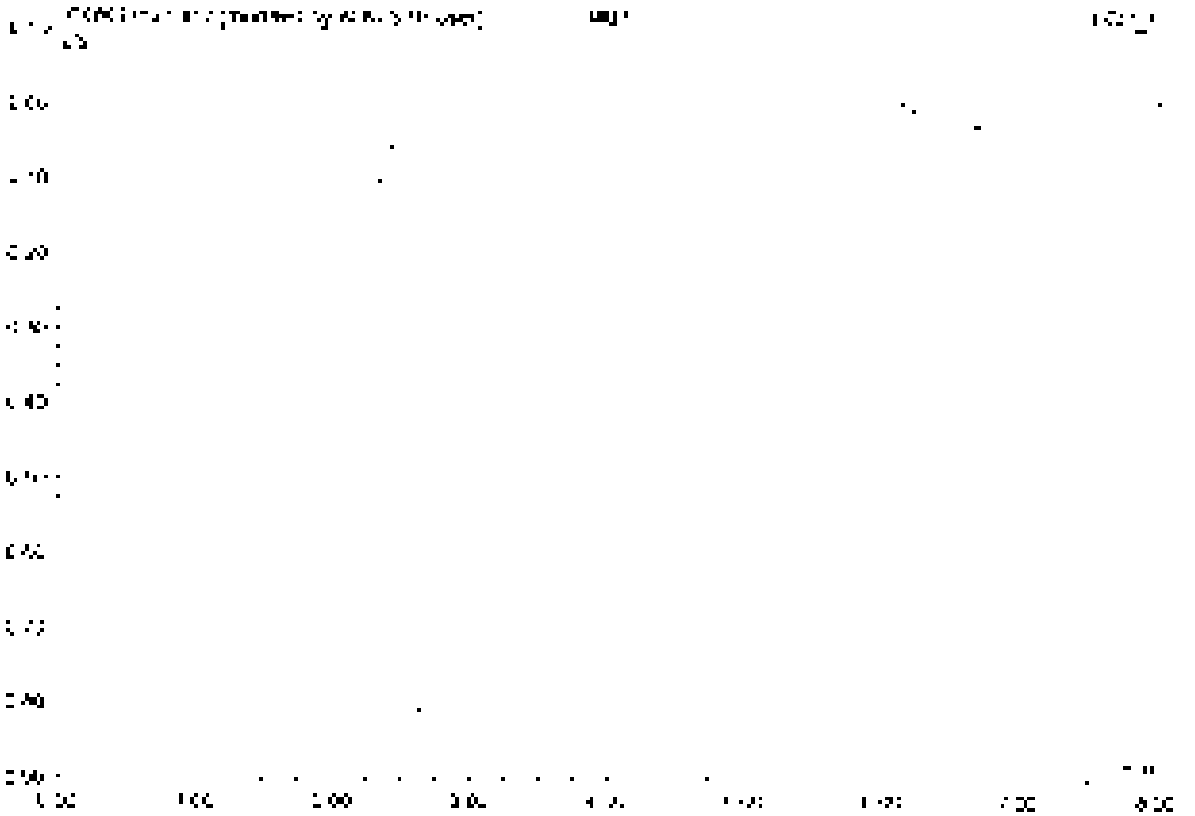
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Comm Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/15/2021 14:33	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.94	Fluoride	5.154	[illegible]	28.56	5.065	BMB
2	3.76	Chloride	7.077	0.937	17.47	4.833	BMB
3	4.33	Nitrite	5.472	0.972	18.13	2.445	BMB
4	4.95	Bromide	[illegible]	0.171	3.57	2.405	BMB
5	5.47	Nitrate	6.378	[illegible]	21.59	2.458	BMB
6	6.64	Sulfate	2.907	0.656	12.64	[illegible]	BMB
Total:			28.133	[illegible]	100.00	22.130	

12 MB1

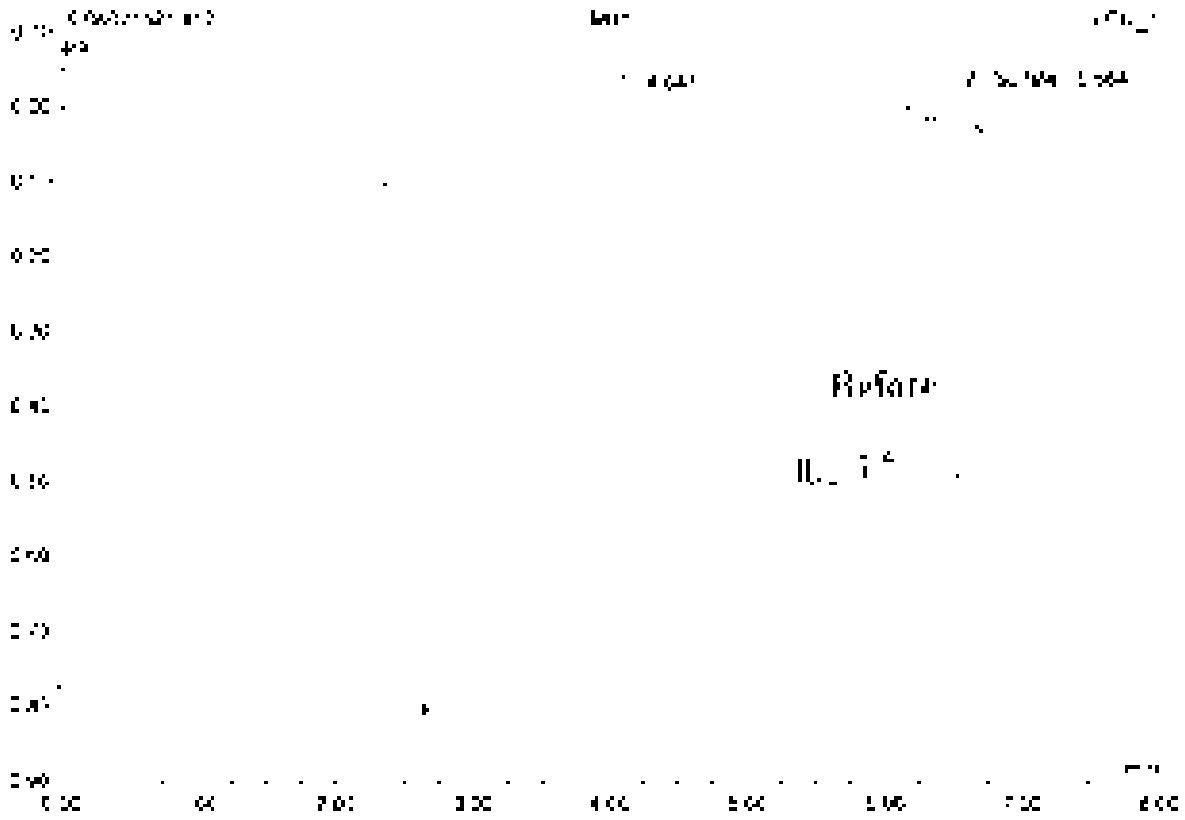
Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recovery Time	7/15/2021 14:42	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total			0.000	0.000	0.00	0.000	

12 MB1

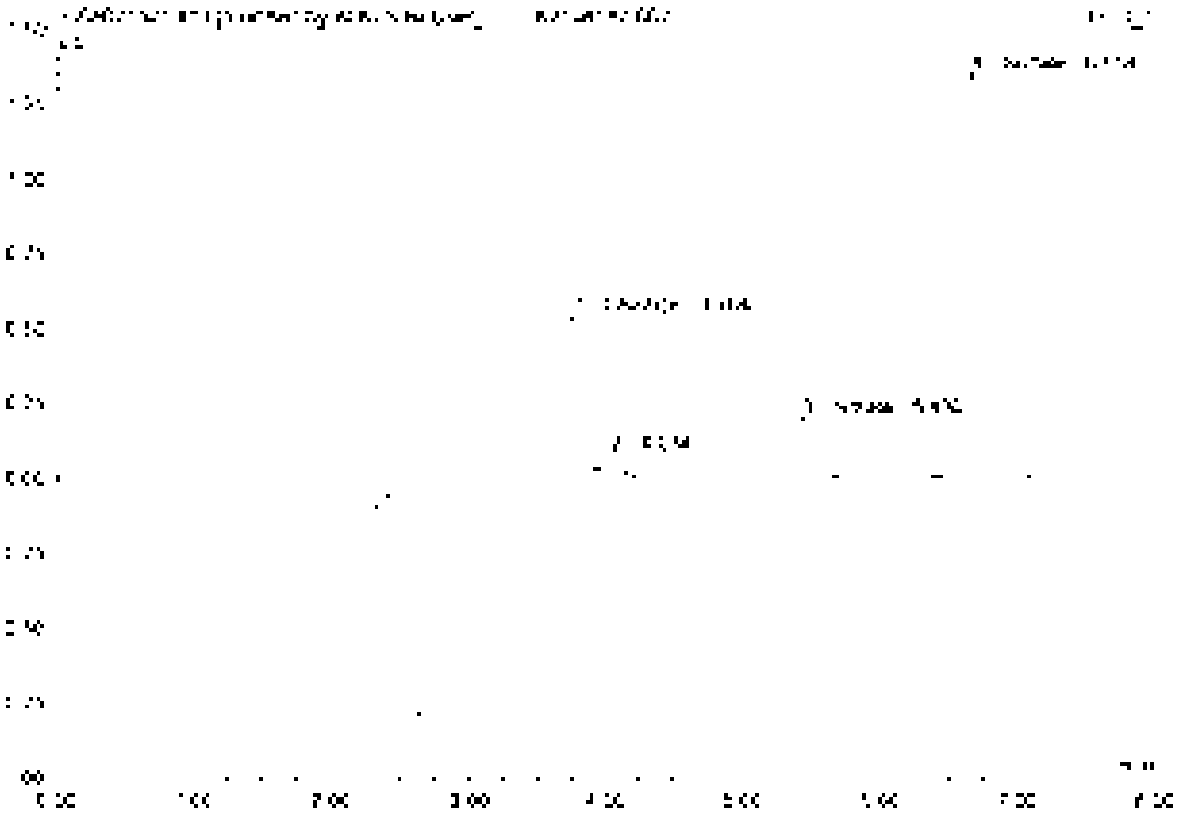
Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	LCD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Processing Time	7/13/2021 14:42	Sample Weight	1.0000
Run Time [min]	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	n.a.	0.524	[illegible]	99.42	n.a.	BV9
2	6.66	S. late	0.045	0.008	0.58	0.063	nMB
Total			0.572	[illegible]	100.00	0.063	

13 K2108182-002

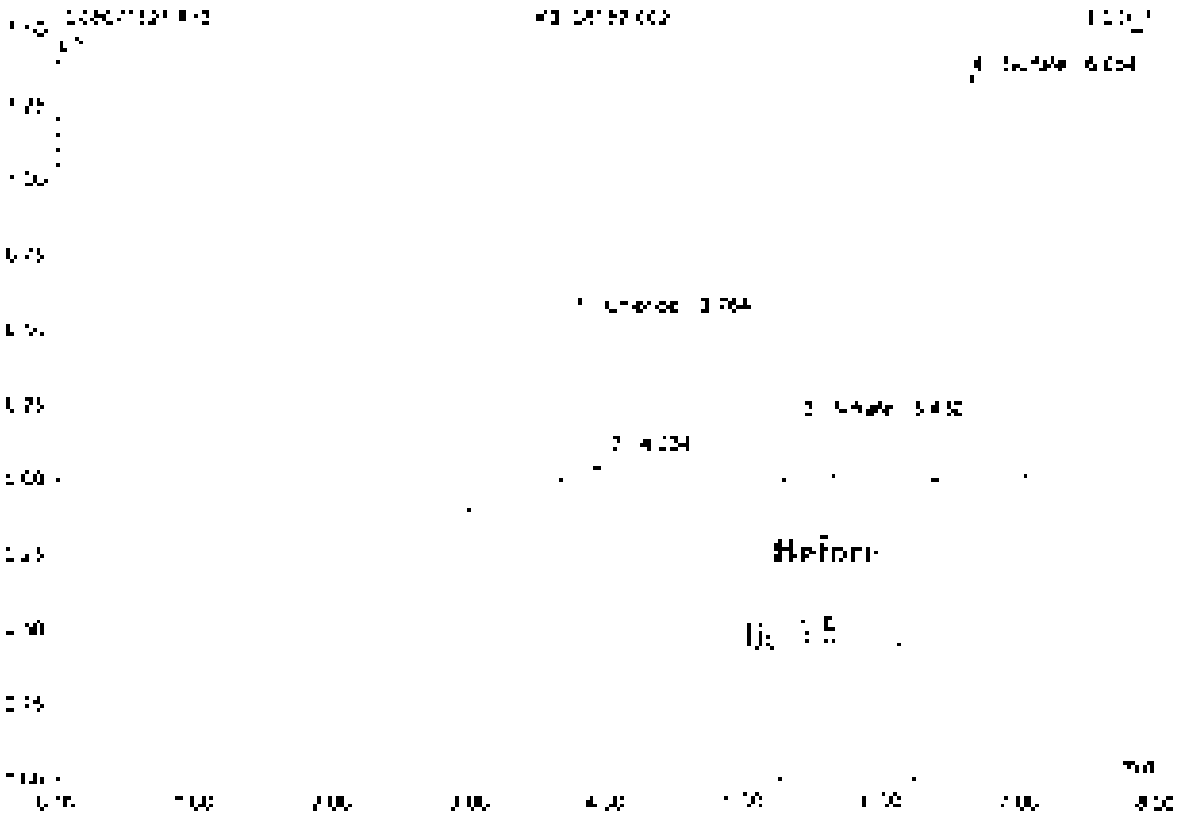
Sample Name	K2108182-002	Injection Volume	25.0
Vial Number	3	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/13/2021 14:32	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.76	Chloride	0.535	0.060	15.57	0.694	BMB*
2	4.03	n.a.	0.006	0.006	1.56	n.a.	BMB
3	5.40	Nitrate	0.200	0.032	8.24	0.152	BV3
4	6.65	Sulfate	1.347	0.288	74.67	4.656	BV3
Total:			2.135	0.387	100.00	5.542	

13 K2108182-002

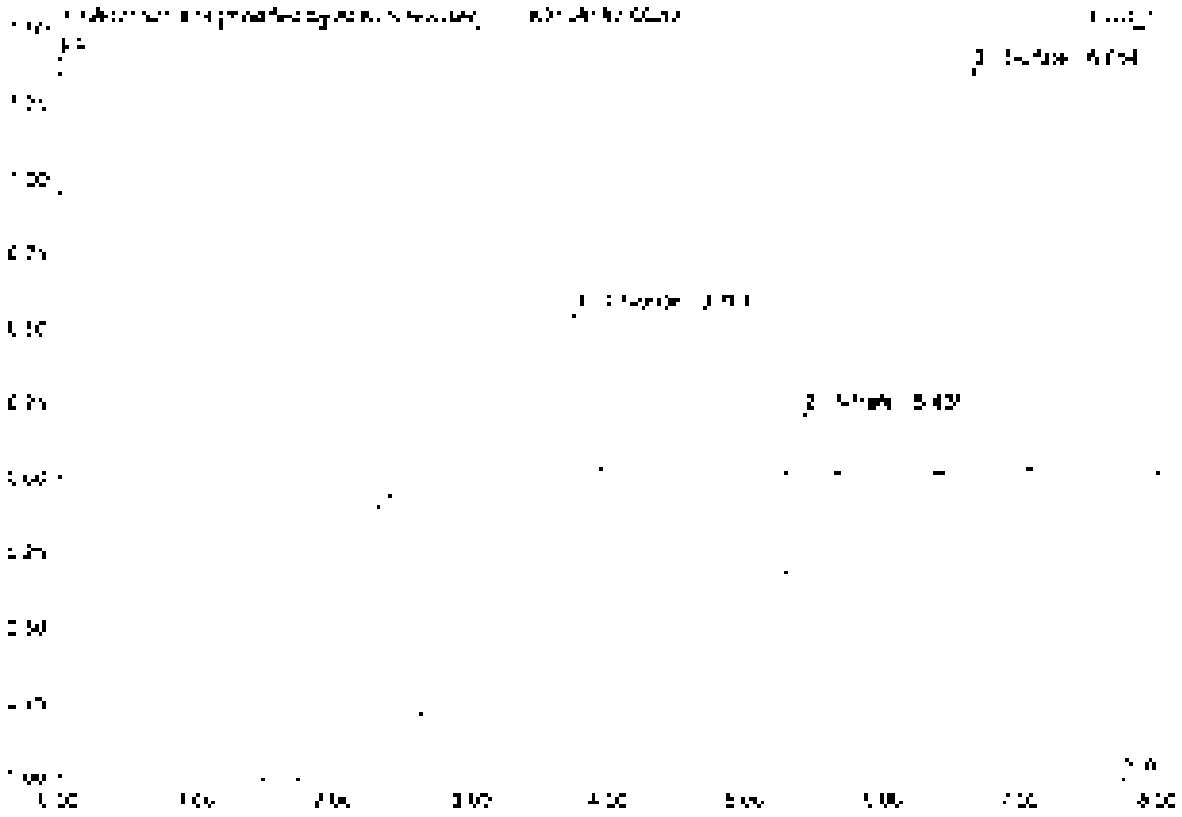
Sample Name	K2108182-002	Injection Volume	25.0
Vial Number	5	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/15/2021 14:52	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	RetTime min	Peak Name	Height µS	Area µS*min	RelArea %	Amount	Type
1	3.76	Chloride	0.533	0.060	15.46	0.651	BMB
2	4.03	n.a.	0.066	0.006	1.56	n.a.	BMU
3	5.43	Nitrate	0.206	0.032	8.26	0.152	BMB
4	6.65	Sulfate	1.347	0.289	74.72	4.696	BMB
Total:			2.135	0.387	100.00	5.539	

14 KZ108182-002D

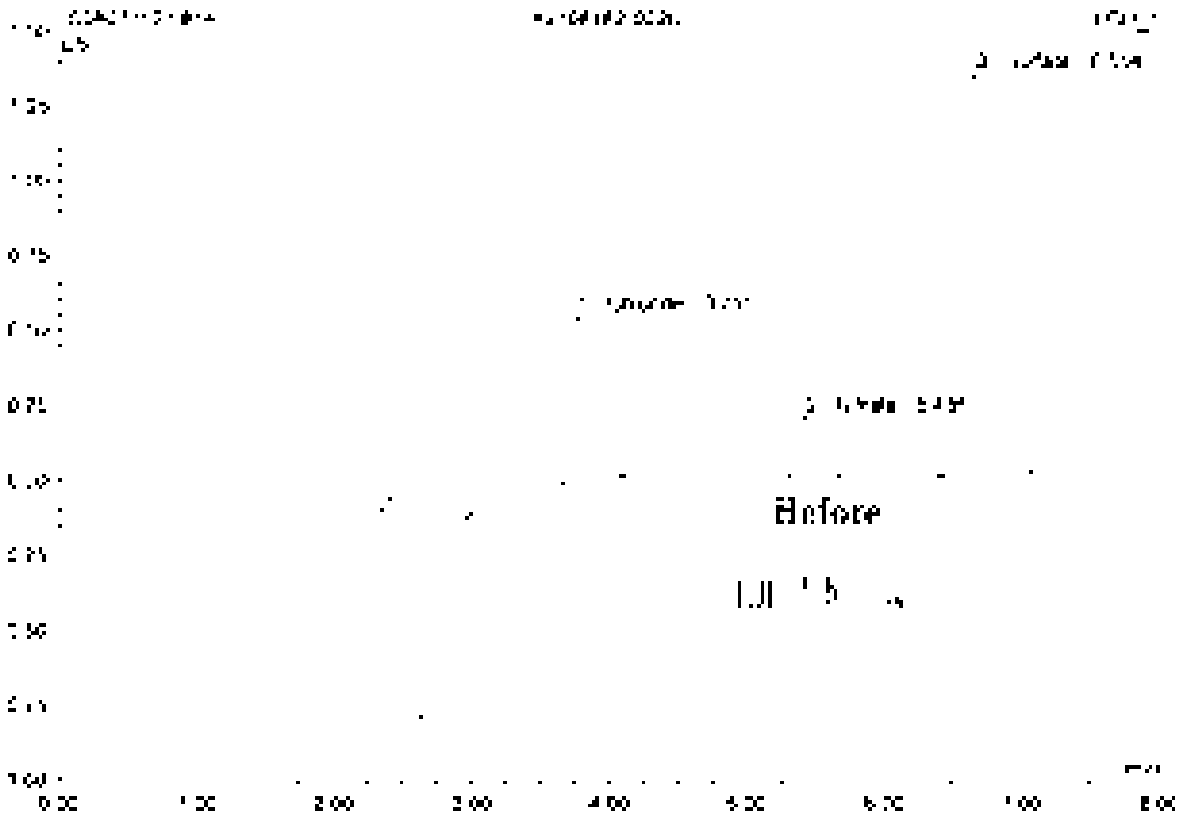
Sample Name	KZ108182-002D	Injection Volume	25.0
Vial Number	6	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quant Method	spa300	Dilution Factor	2.0000
Recording Time	7/15/2021 15:01	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



Nr	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chloride	0.549	0.063	16.39	0.724	BV3*
2	5.43	Nitrate	0.204	0.032	8.47	0.154	BMB
3	6.65	Sulfate	1.356	0.288	75.18	4.675	BMB
Total:			2.099	0.383	100.00	5.553	

14 K2108182-002D

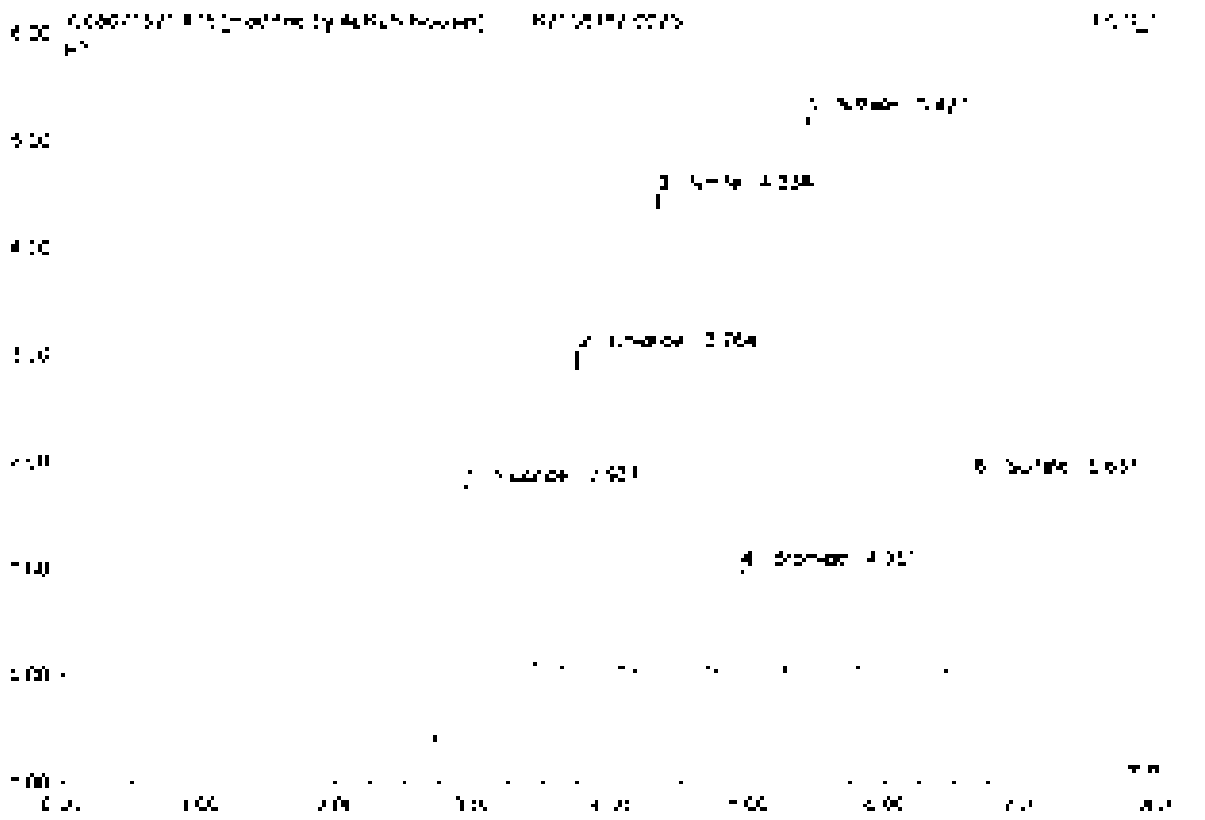
Sample Name	K2108182-002D	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	7/15/2021 15:01	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.76	Chlorate	0.559	0.066	[illegible]	0.802	BV B
2	5.43	Nitrite	0.204	0.032	8.31	0.154	BV B
3	6.65	Sulfate	1.346	0.288	[illegible]	4.075	BV B
Total:			2.109	0.386	100.00	5.030	

15 K2108182-002S

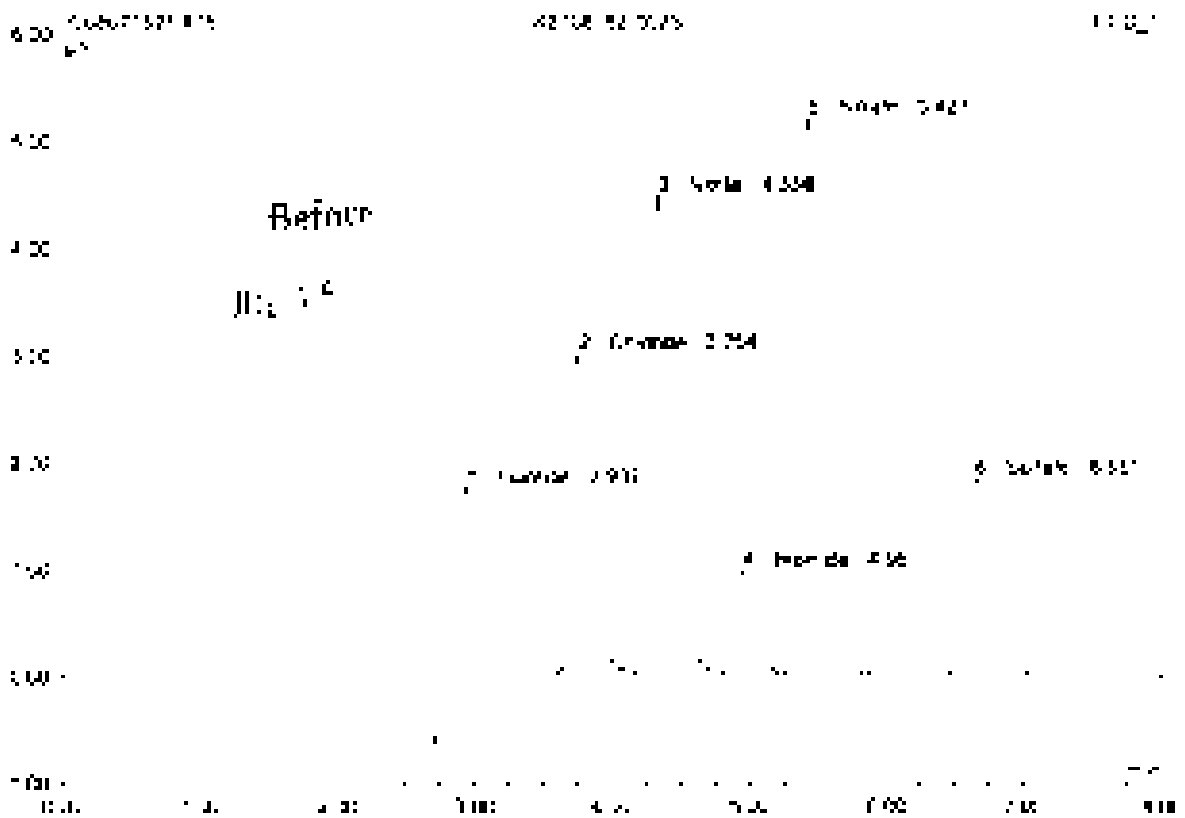
Sample Name	K2108182-002S	Injection Volume	25.0
Vial Number	6	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	4.0000
Recording Time	7/15/2021 16:11	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	2.170	0.542	18.25	8.632	BV BT
2	3.76	Chloride	2.953	0.356	11.98	8.219	BV BT
3	4.33	Nitrite	4.457	0.708	23.85	7.959	BMB
4	4.95	Bromide	0.542	0.137	4.61	7.717	BMB
5	5.40	Nitrate	5.101	0.842	28.36	8.005	BV9
6	6.65	Sulfate	1.828	0.384	12.94	12.478	BV9
Total:			17.532	2.969	100.00	53.010	

15 K2108182-002S

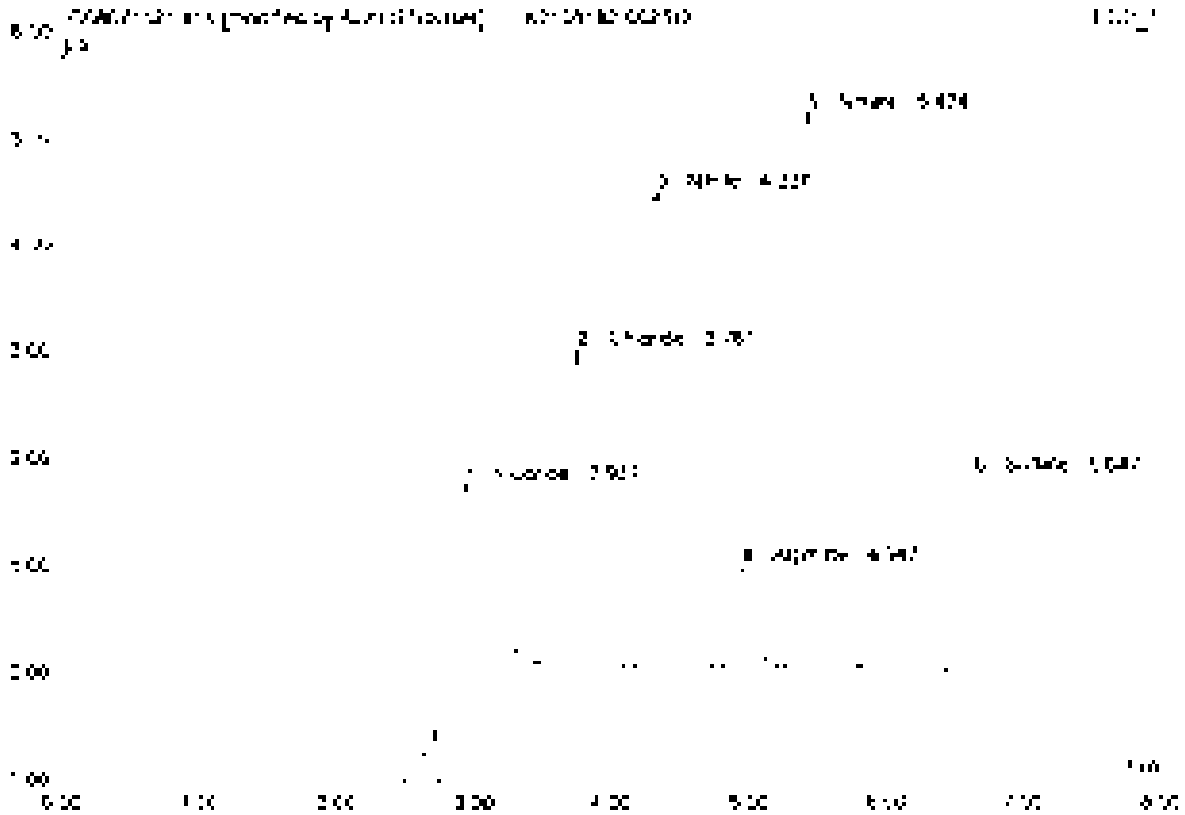
Sample Name	K2108182-002S	Injection Volume	35.0
Vial Number	5	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	ipa300	Bandwidth	n.a.
Quant Method	ipa300	Dilution Factor	4.0000
Recording Time	7/15/2021 15:11	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	2218	0.676	20.24	9811	BMB
2	3.76	Chloride	2553	0.556	16.64	5218	BMB
3	4.23	Nitrite	4457	0.708	23.27	7959	BMB
4	4.55	Bromide	0542	0.137	4.10	7717	BMB
5	5.40	Nitrate	5181	0.842	27.62	8005	BMB
6	6.65	Sulfate	1829	0.384	12.61	12478	BMB
Total			17560	3.049	100.00	54190	

16 K2108182-002SD

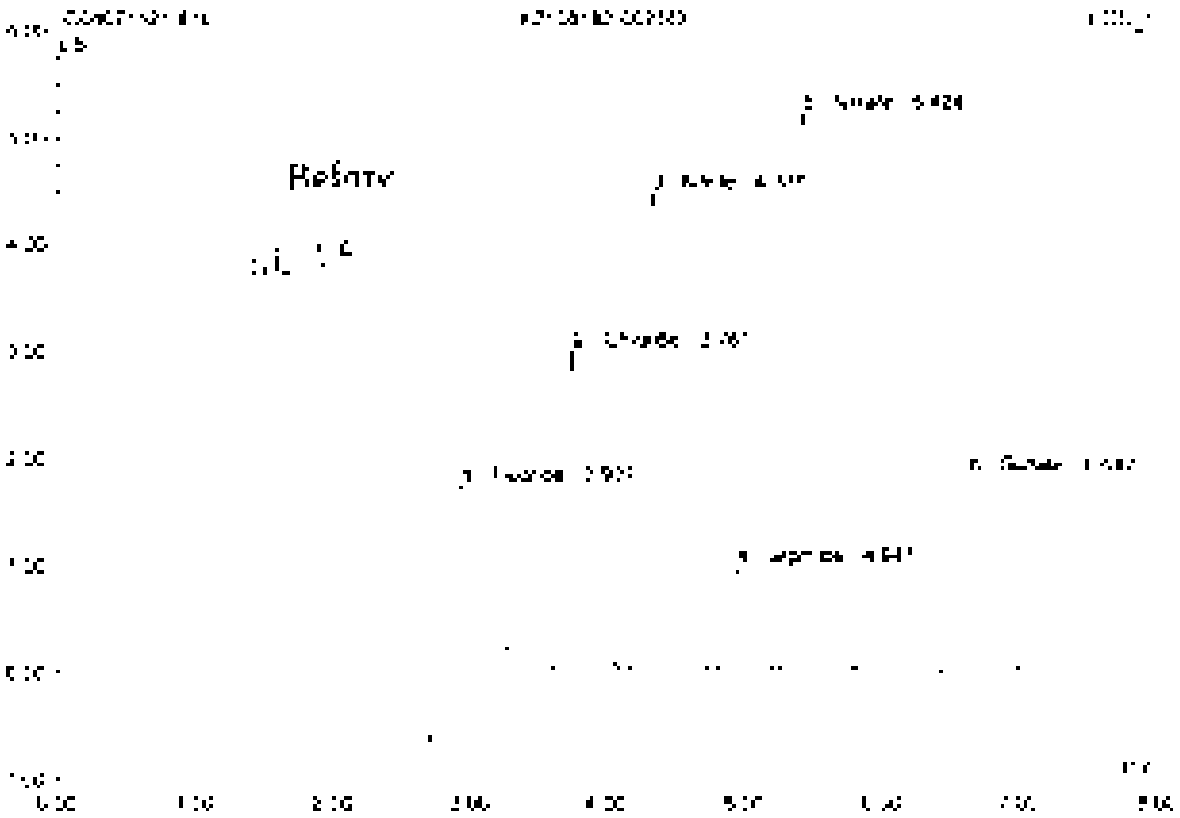
Sample Name	K2108182-002SD	Injection Volume	25.0
Vial Number	5	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	4.0000
Processing Time	3/15/2021 15:11	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	2.150	0.541	18.21	2.615	BMB*
2	3.70	Chloride	2.553	0.330	11.37	3.215	BMB*
3	4.31	Nitrite	4.452	0.705	20.56	7.955	BMB
4	4.55	Bromide	0.945	0.137	4.63	1.751	BMB
5	5.42	Nitrate	5.189	0.849	28.37	8.611	BMB
6	6.65	Sulfate	1.832	0.385	12.96	12.489	BMB
Total			17.530	2.970	100.00	33.045	

16 K2108182-002SD

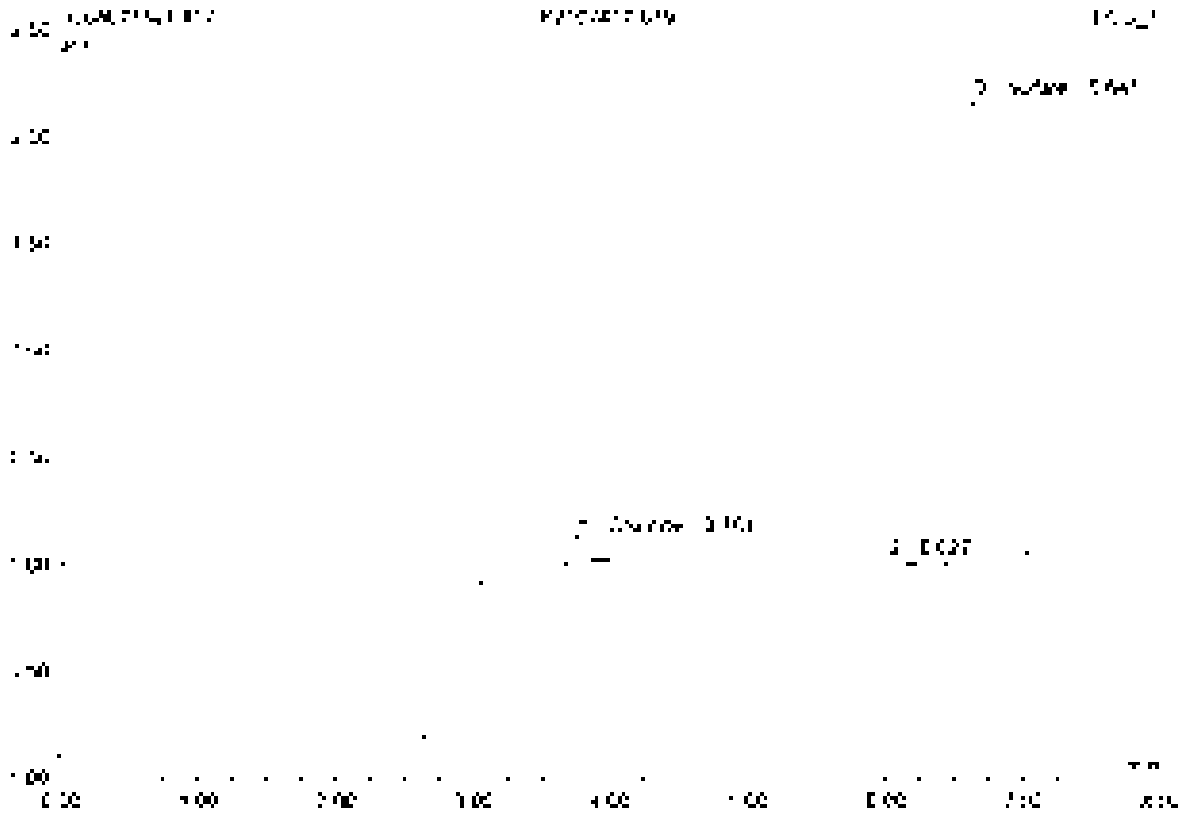
Sample Name	K2108182-002SD	Injection Volume	15.0
Vial Number	5	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	3/15/2021 14:31	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	2.209	0.616	20.21	9.809	BV
2	3.76	Chloride	2.953	0.356	11.68	8.215	BMB
3	4.33	Nitrite	4.452	0.709	23.27	7.965	BMB
4	4.95	Bromide	0.945	0.197	6.52	7.751	BMB
5	5.42	Nitrate	5.189	0.843	27.67	8.011	BMB
6	6.85	Sulfate	1.832	0.385	12.63	12.489	BMB
Total			17.579	3.045	100.00	54.241	

17 K2107417-019

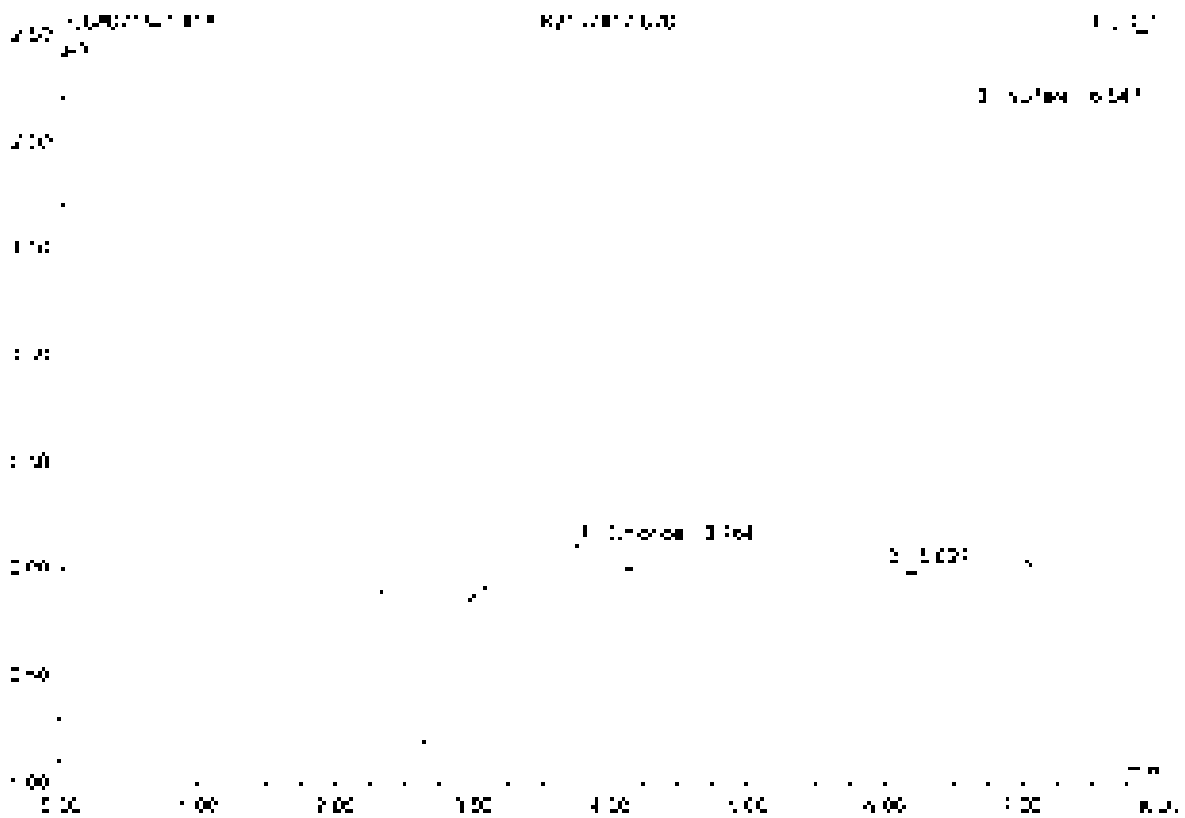
Sample Name	K2107417-019	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	400.0000
Recording Time	7/15/2021 16:10	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Chloride	[illegible]	[illegible]	2.47	[illegible]	BMB
2	6.03	n.a.	[illegible]	[illegible]	1.53	n.a.	BMB
3	6.64	Sulfate	[illegible]	[illegible]	96.00	[illegible]	BMB
Total			[illegible]	[illegible]	100.00	[illegible]	

18 K2107417-020

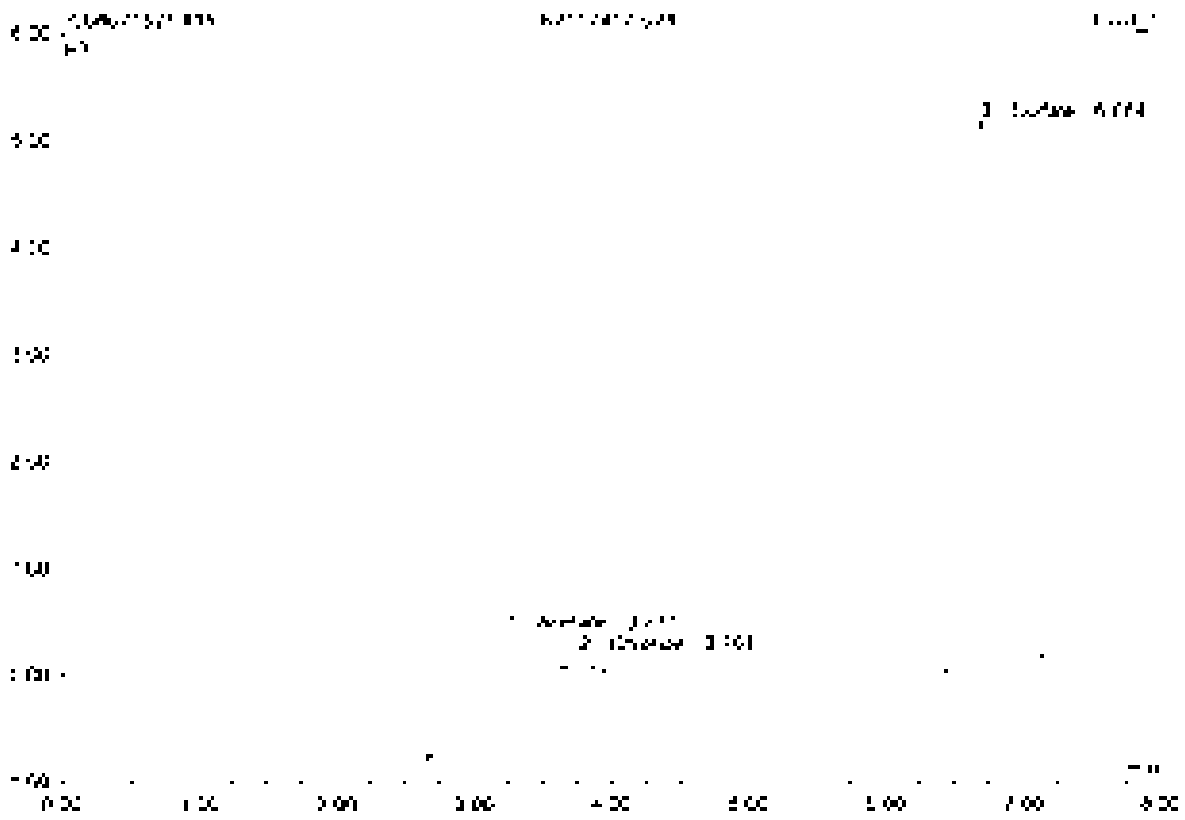
Sample Name	K2107417-020	Injection Volume	25.0
Vial Number	8	Channel	EGD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	400.0000
Recording Time	7/19/2021 16:40	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.46	Chloride	0.154	0.040	0.65	55.817	BMB
2	6.03	n.a.	0.027	0.001	1.48	n.a.	BMB
3	6.55	Sulfate	2.150	0.447	98.87	1452.500	BMB
Total:			2.340	0.488	100.00	1508.316	

19 K2107417-028

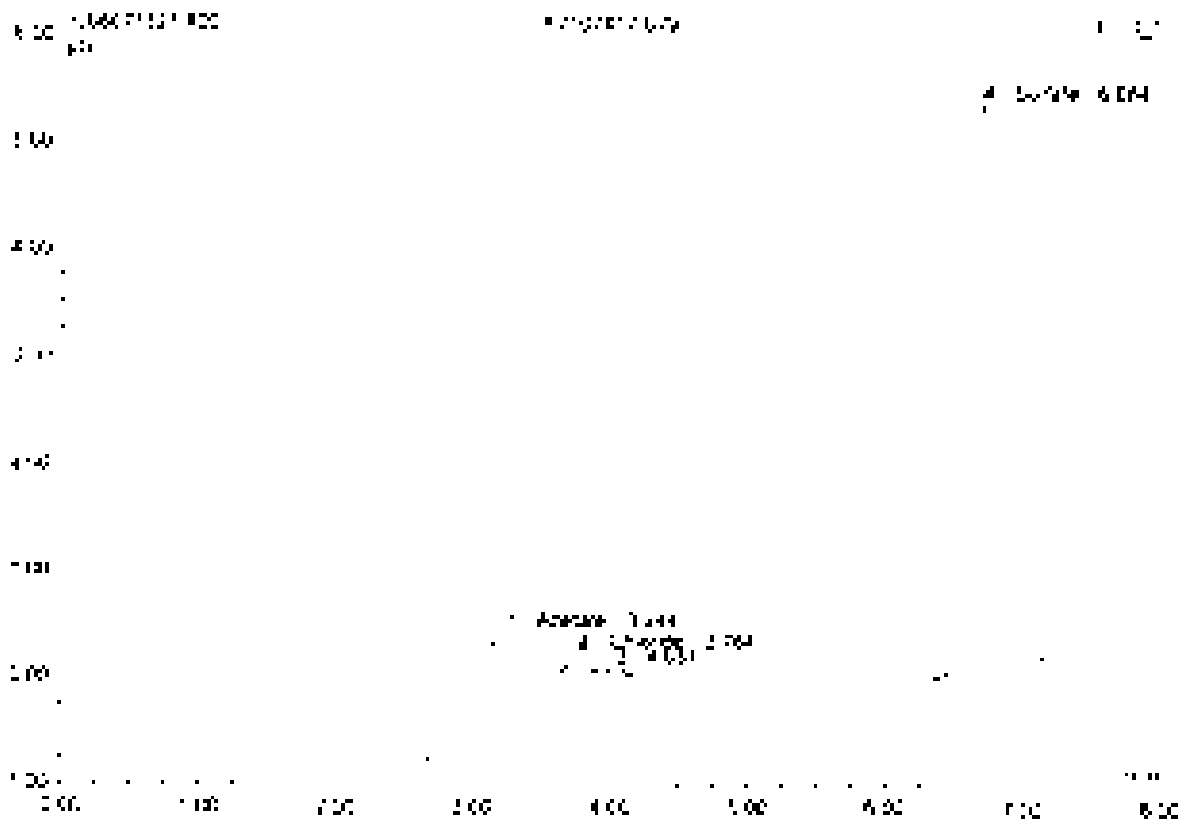
Sample Name	K2107417-028	Injection Volume	25.0
Vial Number	9	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	400.0000
Recording Time	7/13/2021 16:49	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.24	Acetate	0.689	0.399	24.24	[illegible]	BMB
2	3.76	Chloride	0.726	0.016	0.63	31.604	BMB
3	5.68	Sulfate	5.079	1.236	74.93	4507.277	BMB
Total:			5.854	1.647	100.00	4538.580	

20 K2107417-029

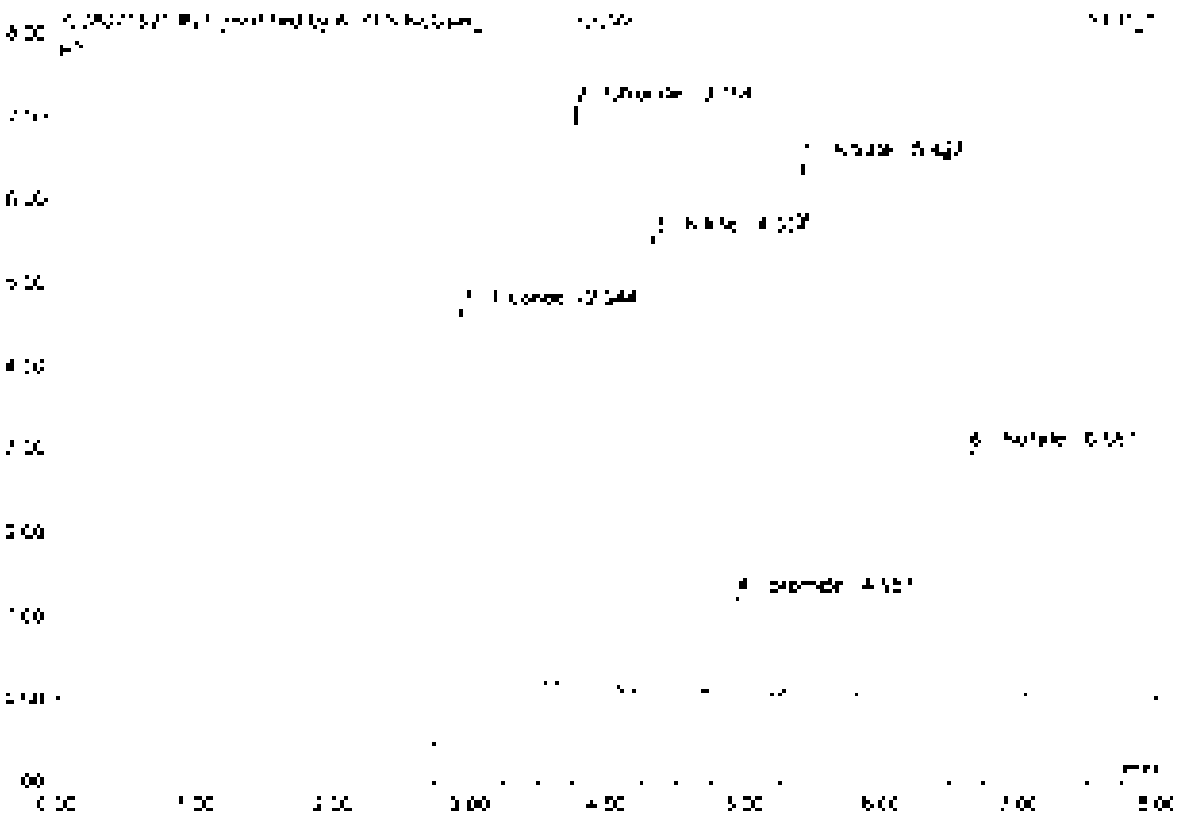
Sample Name	K2107417-029	Injection Volume	25.0
Vial Number	10	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Calibration Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	400.0000
Processing Time	7/15/2021 15:59	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.24	Acetone	0.716	0.350	20.03	n.a.	BMB
2	3.76	Chloroform	0.166	0.018	1.01	42.223	BMB
3	4.94	n.a.	0.052	0.006	0.34	n.a.	BVB
4	5.62	Sulfolane	5.287	1.368	78.56	4183.723	BMB
Total:			6.220	1.742	100.00	4225.945	

21 CCV2

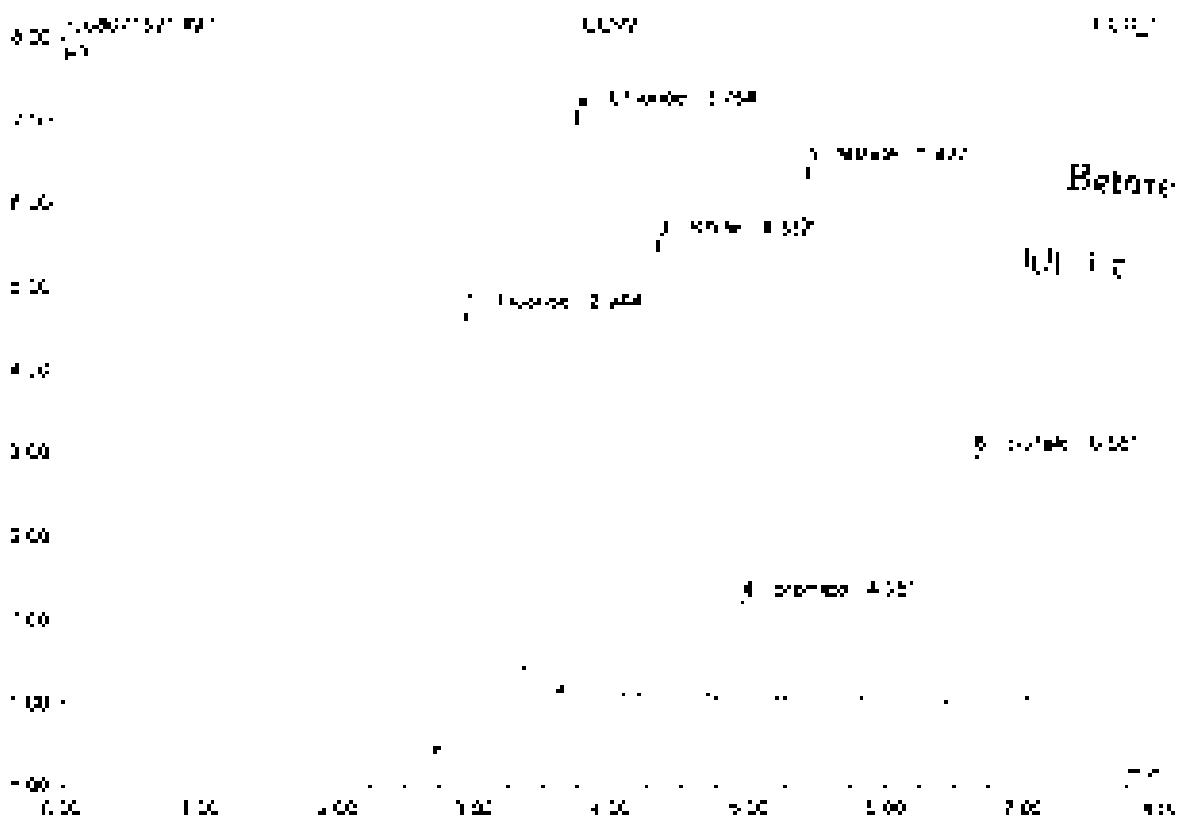
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	7/15/2021 16:08	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	5.070	1.214	25.64	4.835	BMB*
2	3.76	Chloride	6.929	0.872	18.42	4.720	BMB*
3	4.34	Nitrite	5.510	0.812	17.16	2.455	BMB
4	4.95	Bromide	1.770	0.170	3.58	2.351	BMB
5	5.40	Nitrate	6.411	1.037	21.90	2.465	BMB
6	6.85	Sulfate	2.965	0.651	13.75	4.963	BMB
Total:			28.121	4.735	100.00	21.835	

21 CCV2

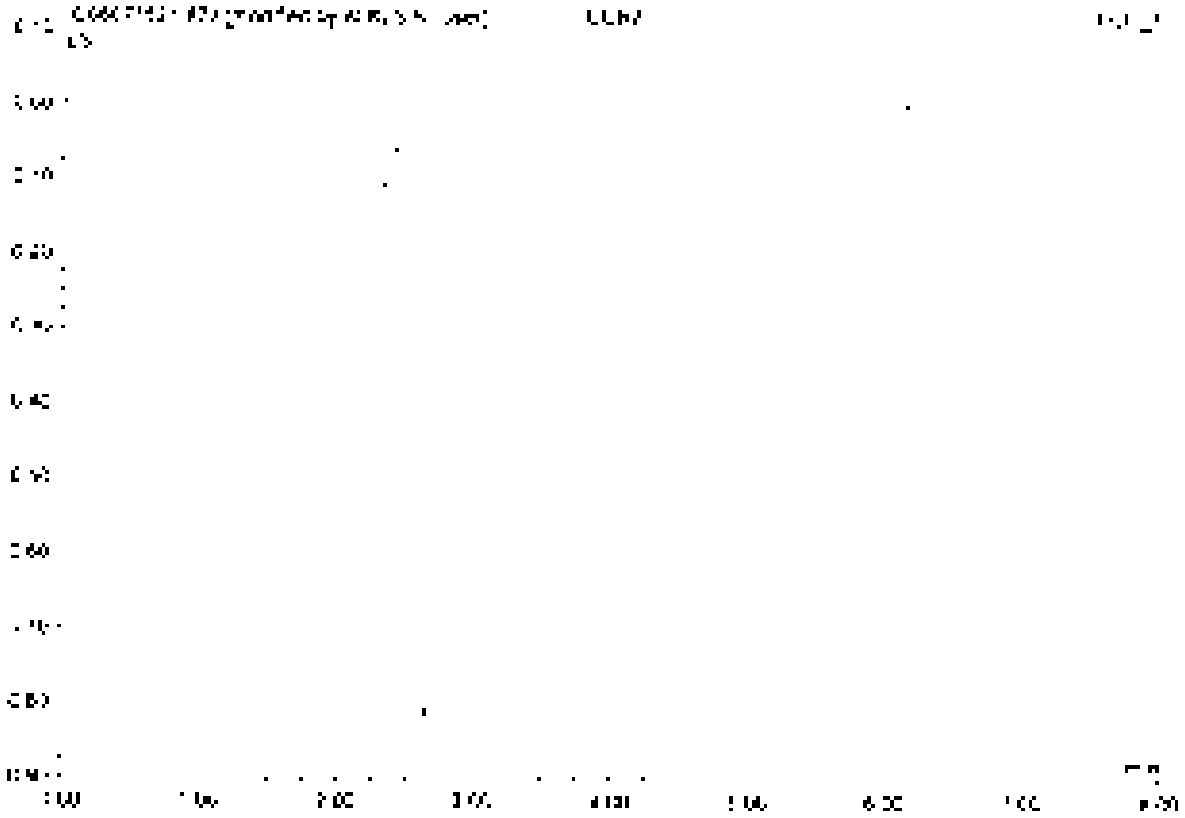
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Processing Time	7/16/2021 15:08	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	[illegible]	1.269	26.49	5.052	BMB
2	3.78	Chloride	6.989	0.828	17.29	4.783	BMB
3	4.34	Nitrite	[illegible]	0.879	18.37	2.469	BMB
4	4.95	Bromide	[illegible]	0.170	3.54	2.351	BMB
5	5.49	Nitrate	[illegible]	1.037	21.65	2.455	BMB
6	6.65	Sulfate	2.965	0.611	12.76	4.963	BMB
Total:			28.157	4.789	100.00	22.117	

22 CCB2

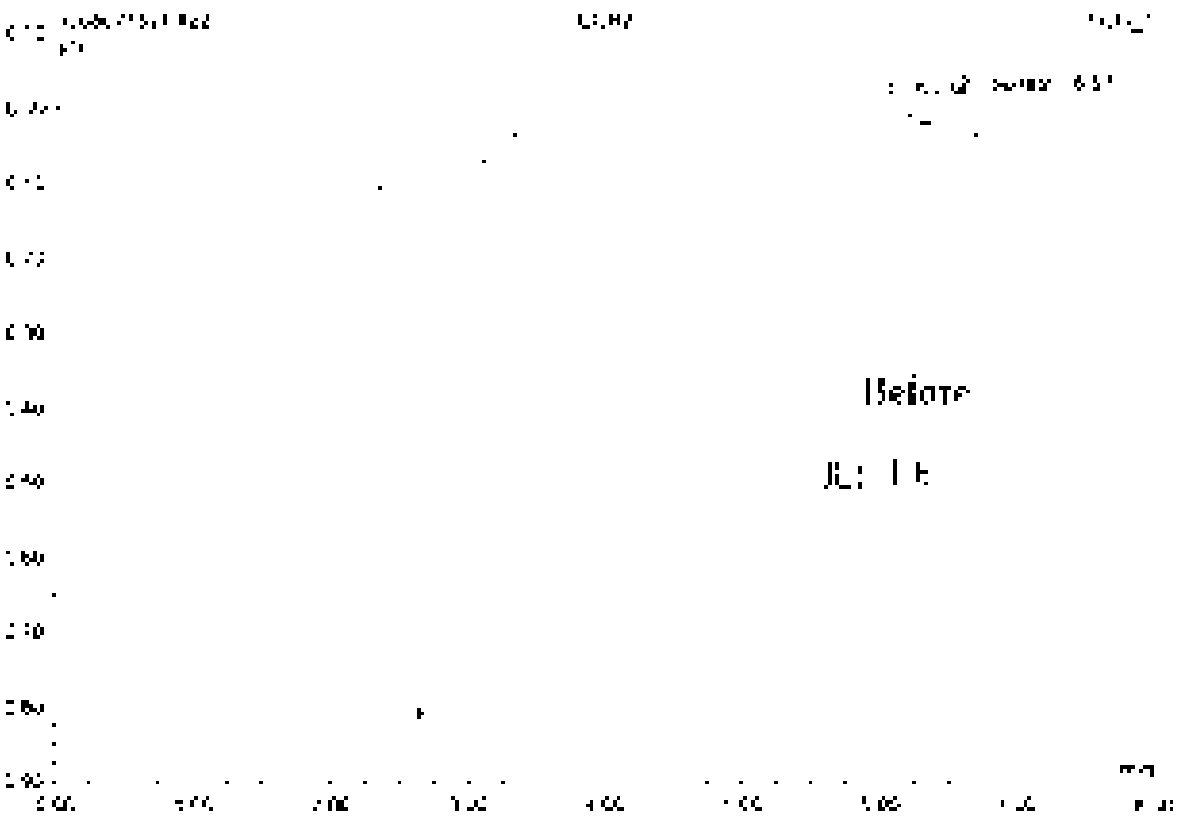
Sample Name	CCB2	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spe300	Bandwidth	n.a.
Control Method	spe300	Dilution Factor	1.0000
Recording Time	7/15/2021 16:16	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

22 GCB2

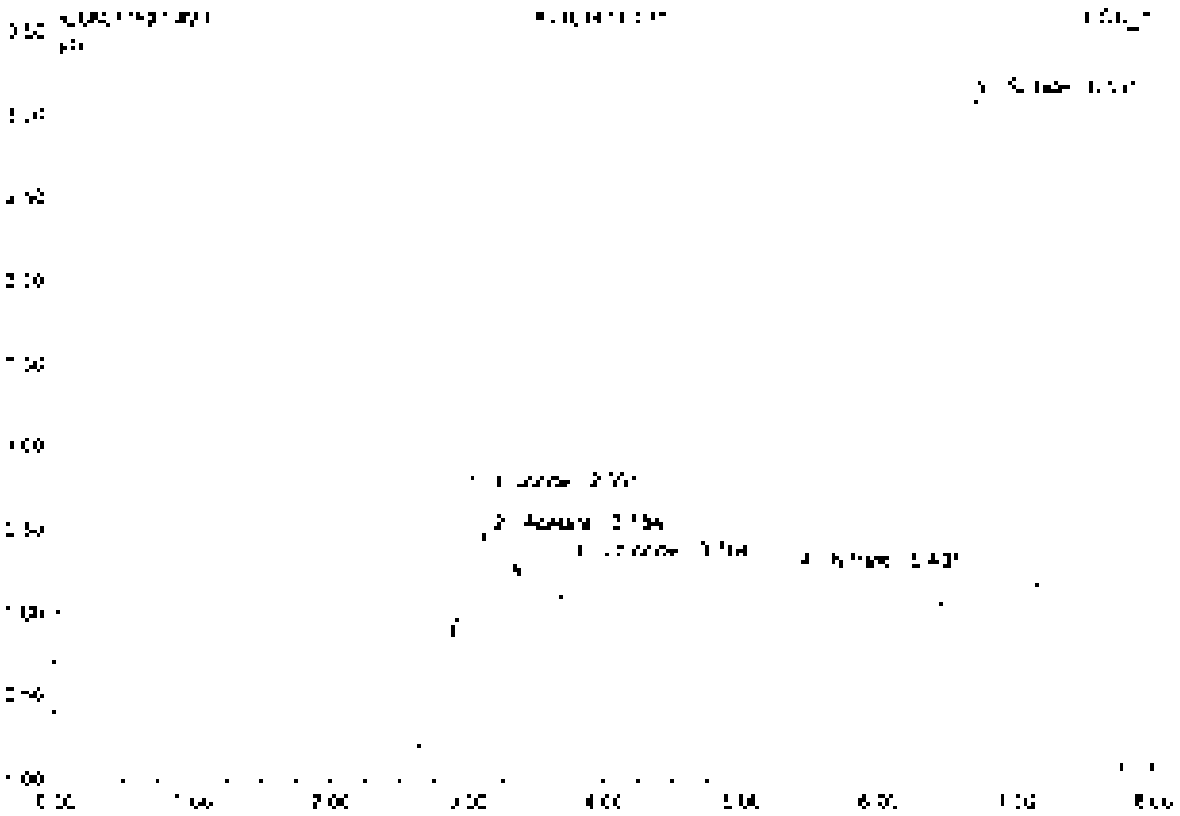
Sample Name	GCB2	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Calibration Chromatogram	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	7/15/2021 16:18	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMb
2	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMD
Total:			[illegible]	[illegible]	100.00	[illegible]	

23 K2107417-031

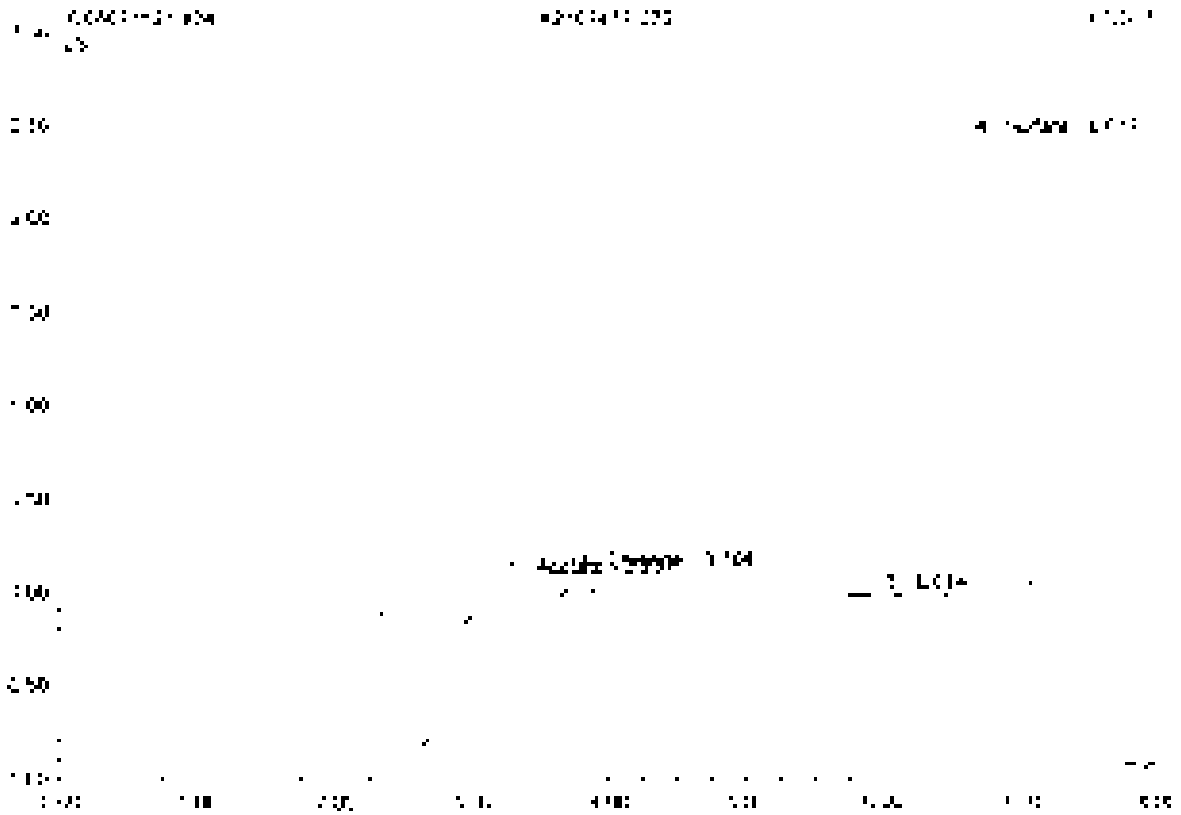
Sample Name	K2107417-031	Injection Volume	25.0
Vial Number	11	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Comm. Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Calibrat. Factor	400.0000
Recording Time	7/15/2021 16:28	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.50	Fluoride	0.504	0.068	7.41	107.574	BMB
2	3.10	Acetate	0.075	0.015	1.60	n.a.	BMB
3	3.75	Chloride	0.254	0.026	2.82	39.450	BMB
4	5.43	Nitrate	0.216	0.035	3.87	38.540	BMB
5	6.50	Sulfate	3.505	0.759	84.27	2496.365	BMB
Total			4.126	0.912	100.00	2681.435	

24 K2107417-032

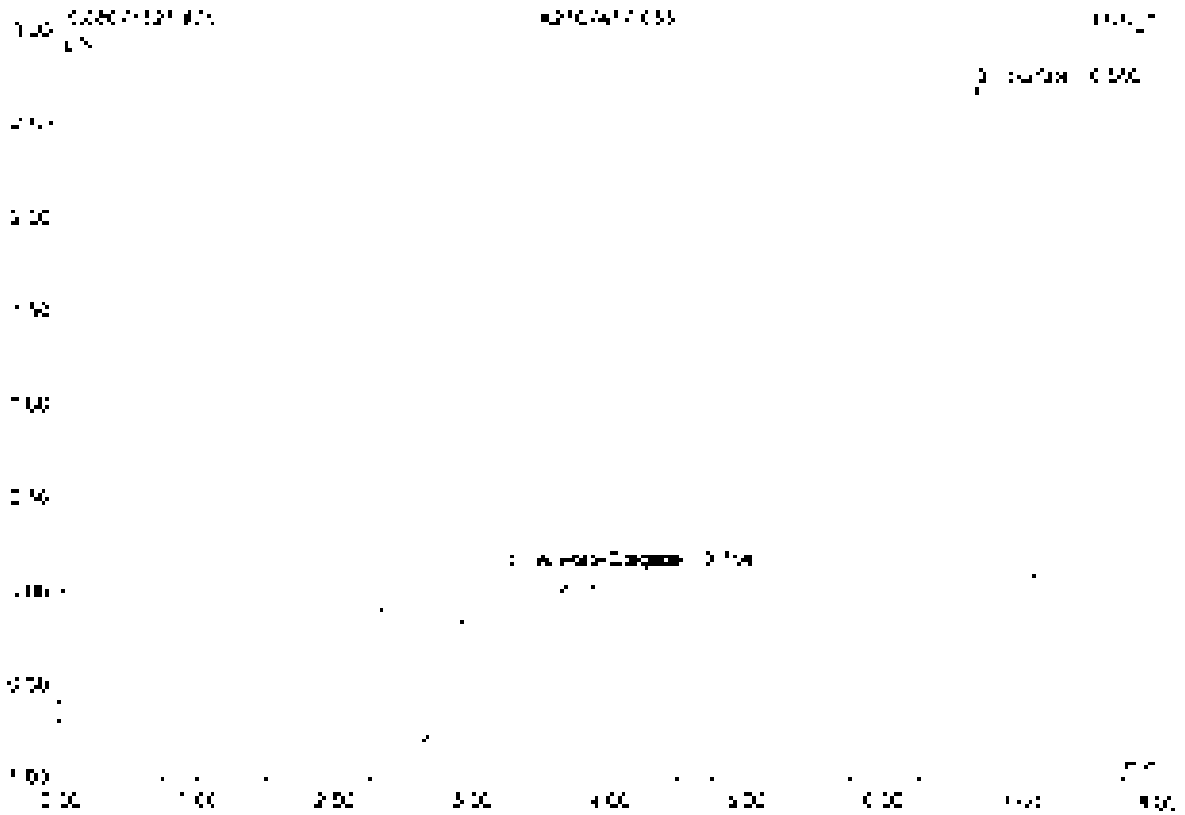
Sample Name	K2107417-032	Injection Volume	25.0
Vial Number	12	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Calibrat. Factor	1000.0000
Processing Time	7/15/2021 16.57	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.24	Acetate	0.423	0.290	[illegible]	n.a.	BMB
2	3.76	Chloride	0.[illegible]20	0.010	[illegible].56	[illegible].217	BMB
3	6.01	n.a.	0.020	0.005	0.61	n.a.	BMB
4	6.56	Sulfate	2.430	0.543	94.11	4407.672	BMB
Total:			2.992	0.847	100.00	4483.940	

25 K2107417-033

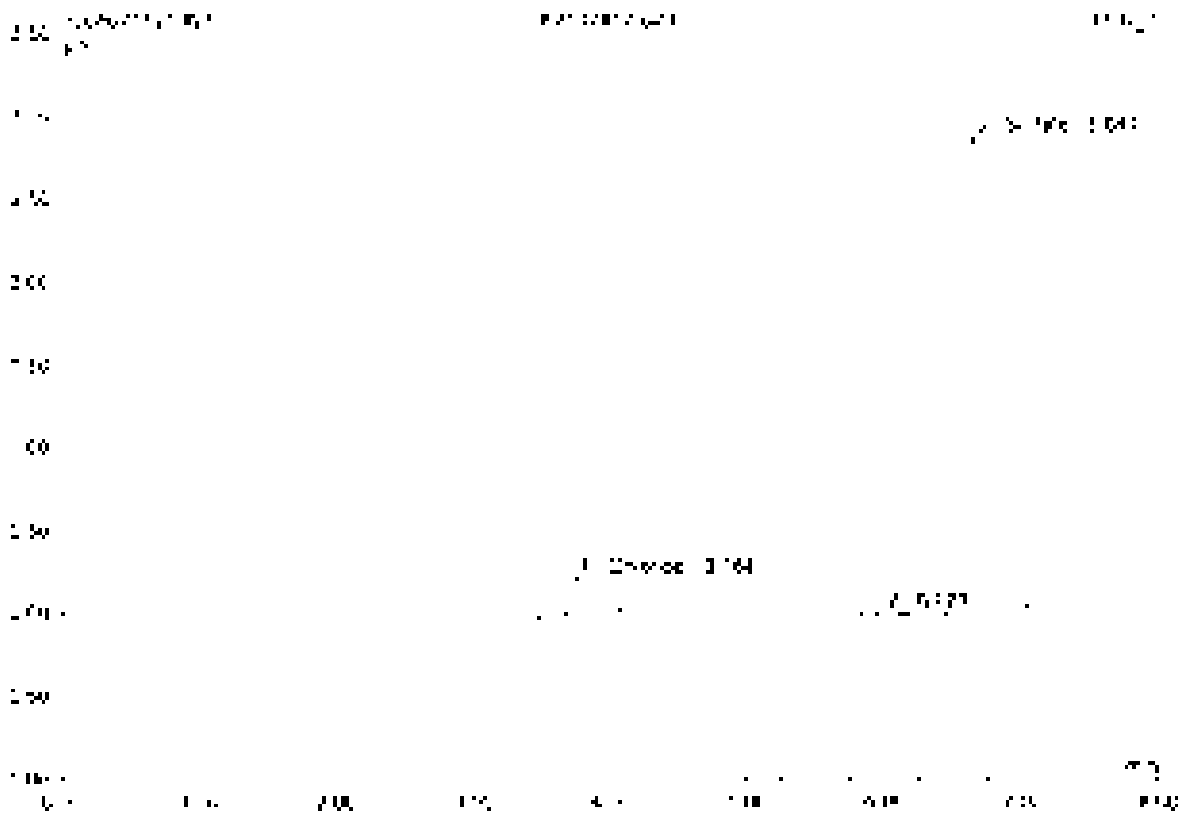
Sample Name	K2107417-033	Injection Volume	25.0
Vial Number	13	Channel	LCD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa200	Bandwidth	n.a.
Quant Method	spa200	Control Factor	5000.0000
Recording Time	7/15/2021 16:47	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.24	Acetate	0.427	0.290	[illegible]	n.a.	BMB
2	3.75	Chloride	0.095	0.011	[illegible]	[illegible]	BMB
3	6.06	Sulfate	2.672	3.625	67.50	[illegible]	UMB
Total:			3.194	5.326	100.00	[illegible]	

26 K2107417-023

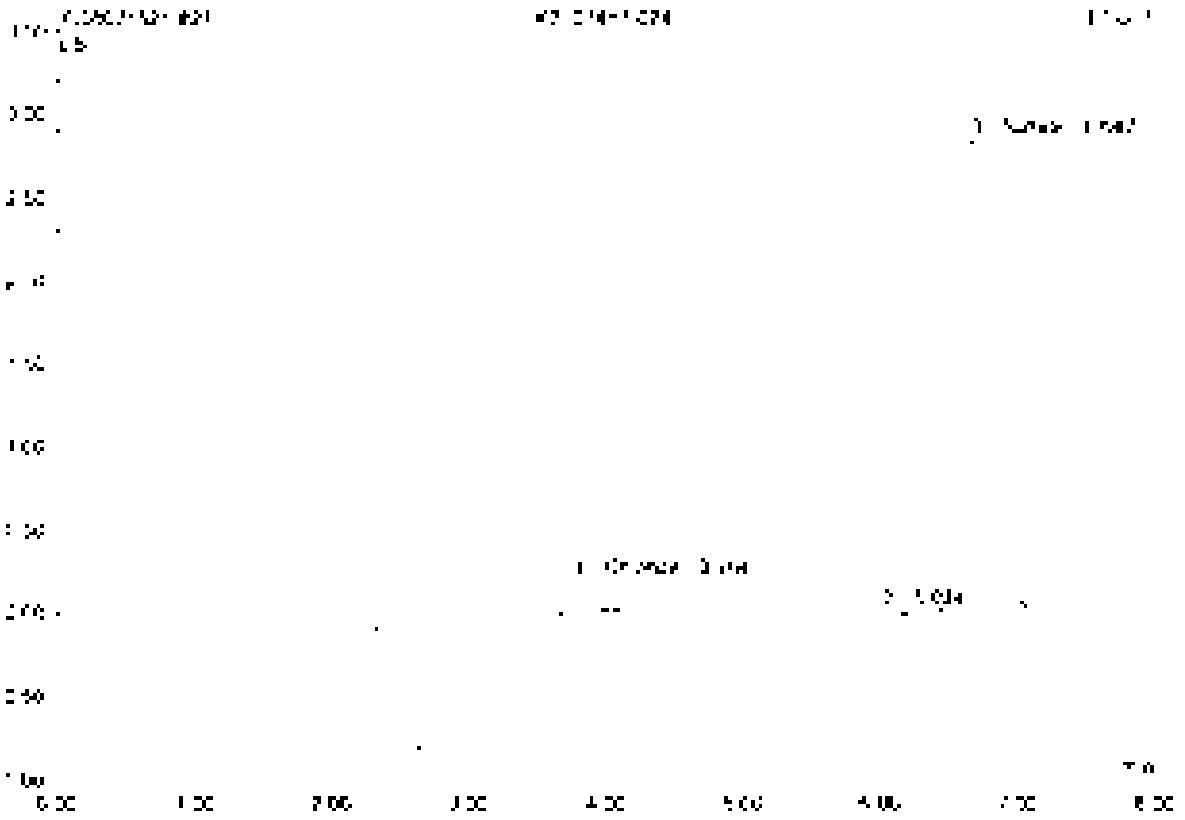
Sample Name	K2107417-023	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	200.0000
Recording Time	7/13/2021 15:57	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.76	Chloride	0.228	0.031	4.98	36.090	BV9
2	5.02	n.a.	0.024	0.005	0.89	n.a.	BV9
3	5.64	Sulfate	2.868	0.595	94.07	364.268	BV9
Total			3.118	0.632	100.00	400.358	

27 K2107417-024

Sample Name	K2107417-024	Injection Volume	35.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quant. Method	spa300	Dilution Factor	200.0000
Recording Time	7/15/2021 17:06	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



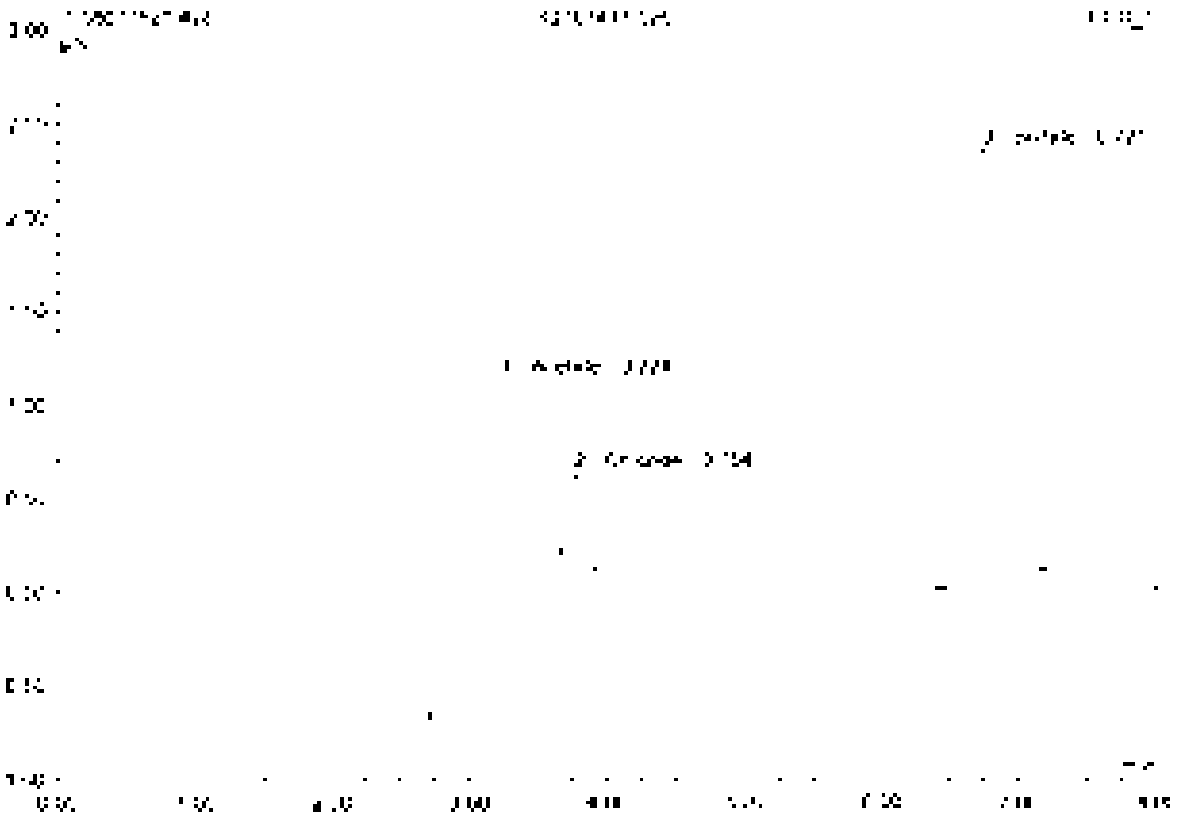
No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.70	Chloride	0.215	0.028	4.48	32.653	BMB
2	4.02	n.a.	0.031	0.017	2.66	n.a.	BMB
3	4.65	Sulfate	2.835	0.587	92.86	952.788	BMB
Total:			3.082	0.632	100.00	985.441	

default integrator

Chromeleon® Client 1998-2006
Version 6.80 SR1 build 4.0.0.2 [illegible]

28 K2107417-026

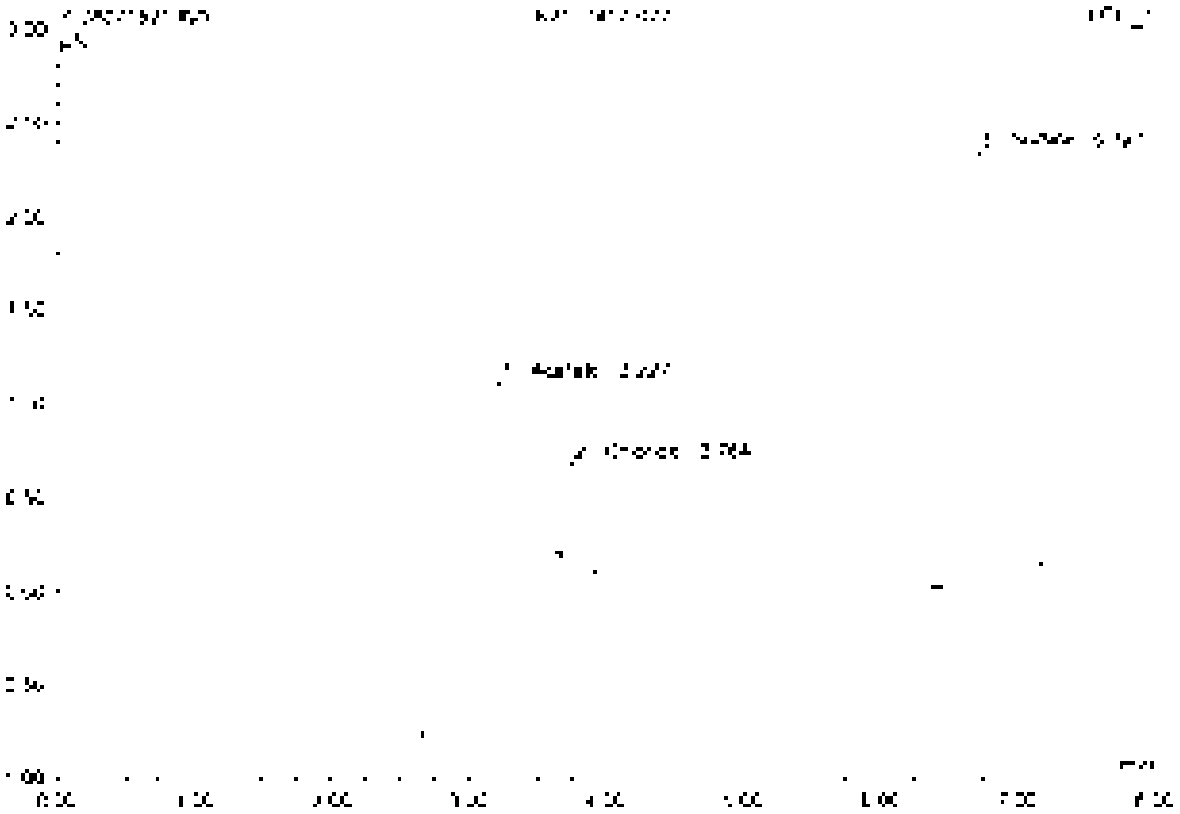
Sample Name	K2107417-026	Injection Volume	25.0
Vial Number	16	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	100.0000
Recording Time	7/16/2021 17:16	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.22	Acetate	1.353	0.562	47.10	n.a.	BV E
2	3.76	Chloride	0.470	0.252	4.24	50.430	bMU
3	5.22	Sulfate	2.206	0.596	48.66	961.145	bMU
Total:			4.028	1.206	100.00	1011.575	

29 K2107417-027

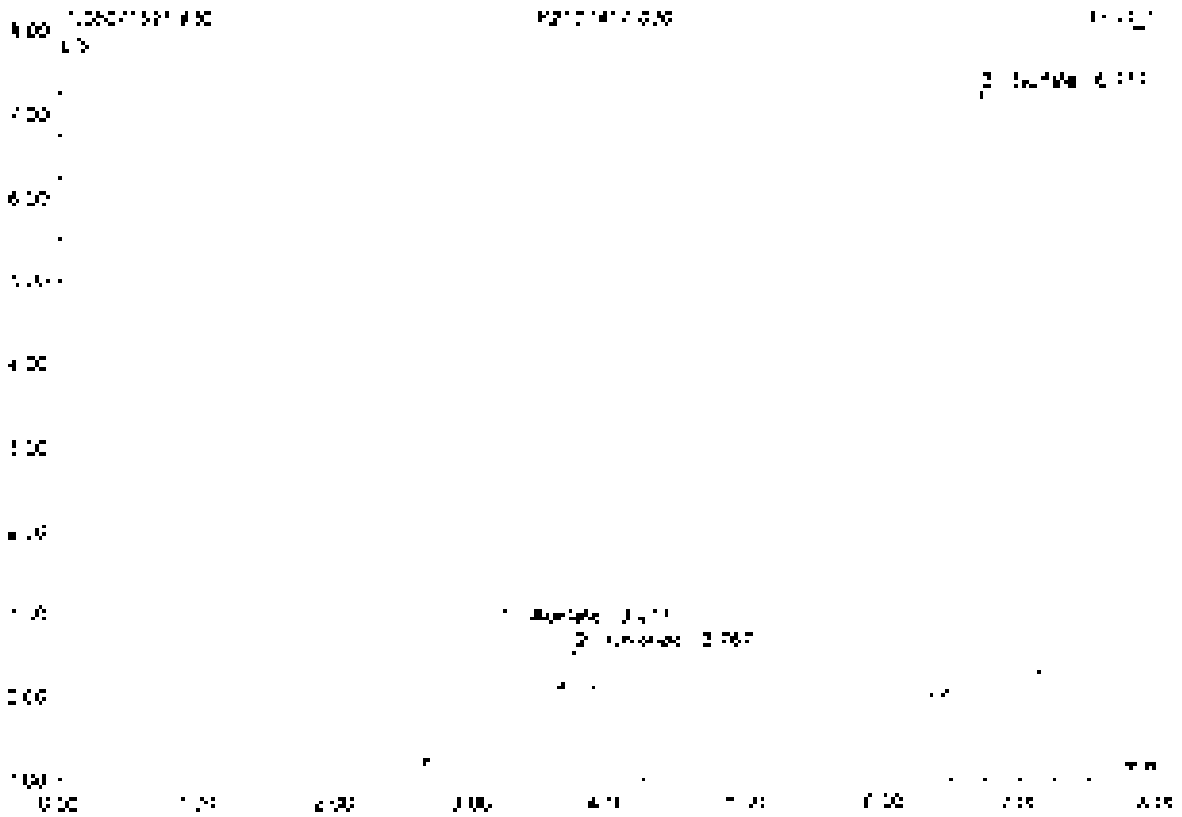
Sample Name	K2107417-027	Injection Volume	26.0
Vial Number	17	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant Method	wpa300	Dilution Factor	200.0000
Recording Time	7/15/2021 17:35	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Acetate	[illegible]	[illegible]	48.47	n.a.	BMb
2	3.76	Chlorate	0.524	1.059	4.72	67.735	BMB
3	6.72	Sulfate	2.278	3.581	46.80	942.808	BMB
Total:			4.151	7.281	100.00	1010.544	

30 K2107417-030

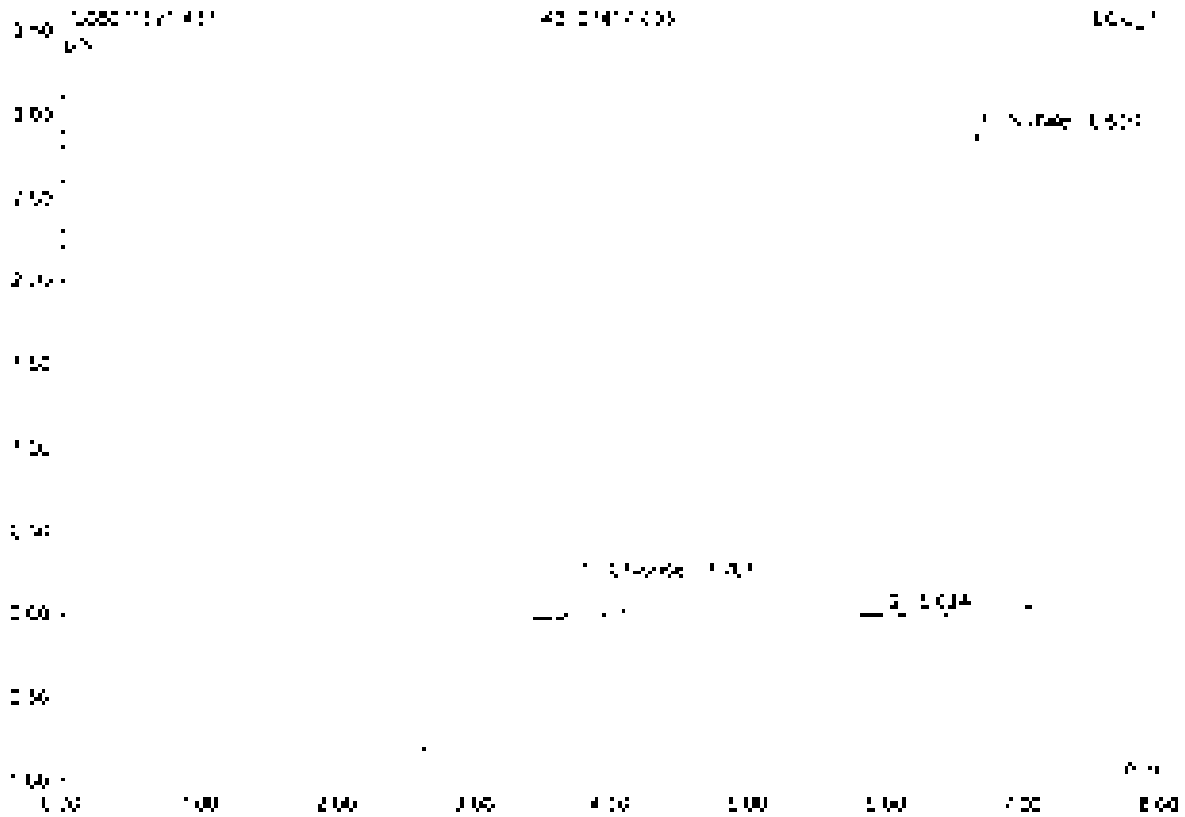
Sample Name	K2107417-030	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spe300	Bandwidth	n.a.
Quantif. Method	spe300	Dilution Factor	200.0000
Recording Time	7/15/2021 17:35	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.22	Acetate	[illegible]	[illegible]	22.42	n.a.	BV6
2	[illegible]	Chloride	[illegible]	[illegible]	2.09	[illegible]	[illegible]
3	[illegible]	Sulfate	[illegible]	[illegible]	75.49	[illegible]	BM8
Total:			[illegible]	[illegible]	100.00	[illegible]	

31 K2107417-035

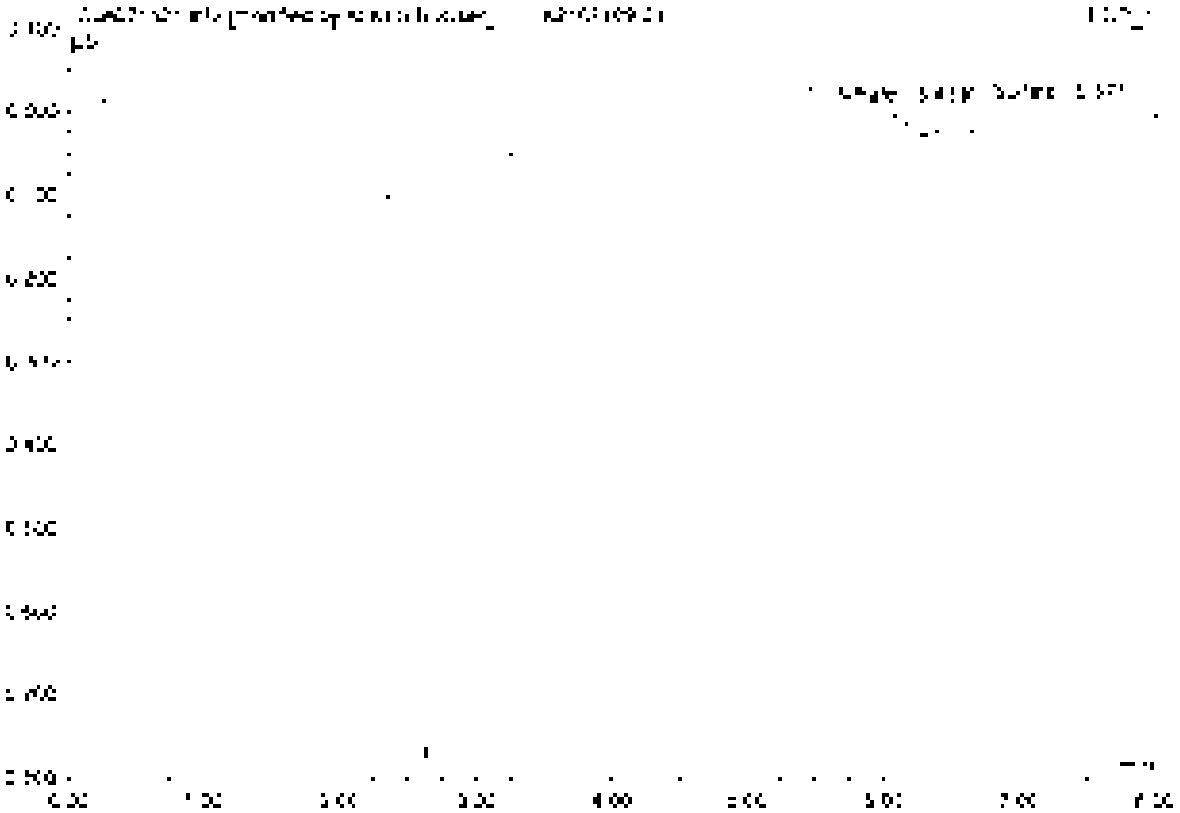
Sample Name	K2107417-035	Injection Volume	10.0
Vial Number	19	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a
Control Program	wpa300	Bandwidth	n.a
Quantif. Method	wpa300	Dilution Factor	300.0000
Recording Time	1/15/2021 17:45	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.77	Chloride	0.218	0.032	5.02	37.012	BV3
2	6.02	n.a	0.022	0.006	0.85	n.a	BV3
3	5.85	Sulfate	2.093	0.599	94.00	3412.231	BV3
Total			2.323	0.637	100.00	3449.244	

32 K2107109-011

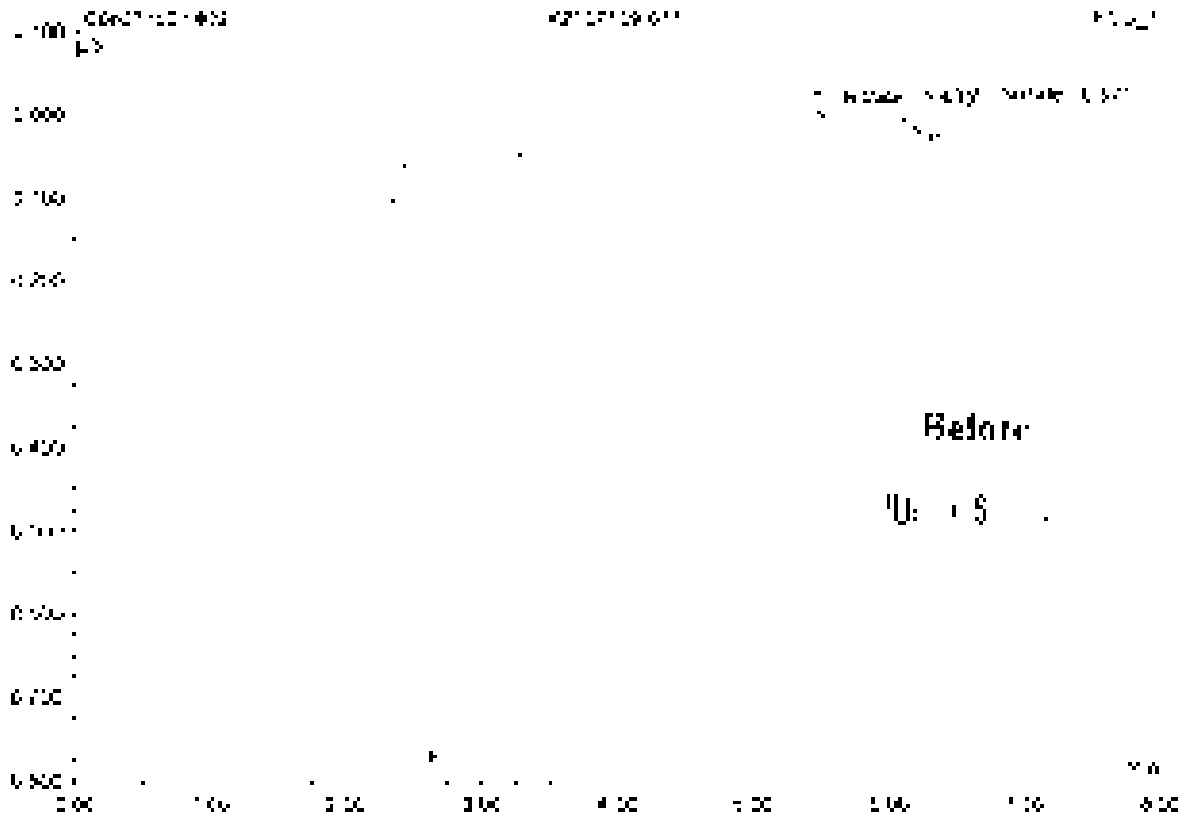
Sample Name	K2107109-011	Injection Volume	10.0
Vial Number	20	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Processing Time	7/15/2021 10:01	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.43	Nitrate	0.212	7.264	99.63	6.011	BMB*
2	6.57	Sulfate	0.035	0.025	0.37	0.075	bMB*
Total:			0.247	7.289	100.00	6.086	

32 K2107109-011

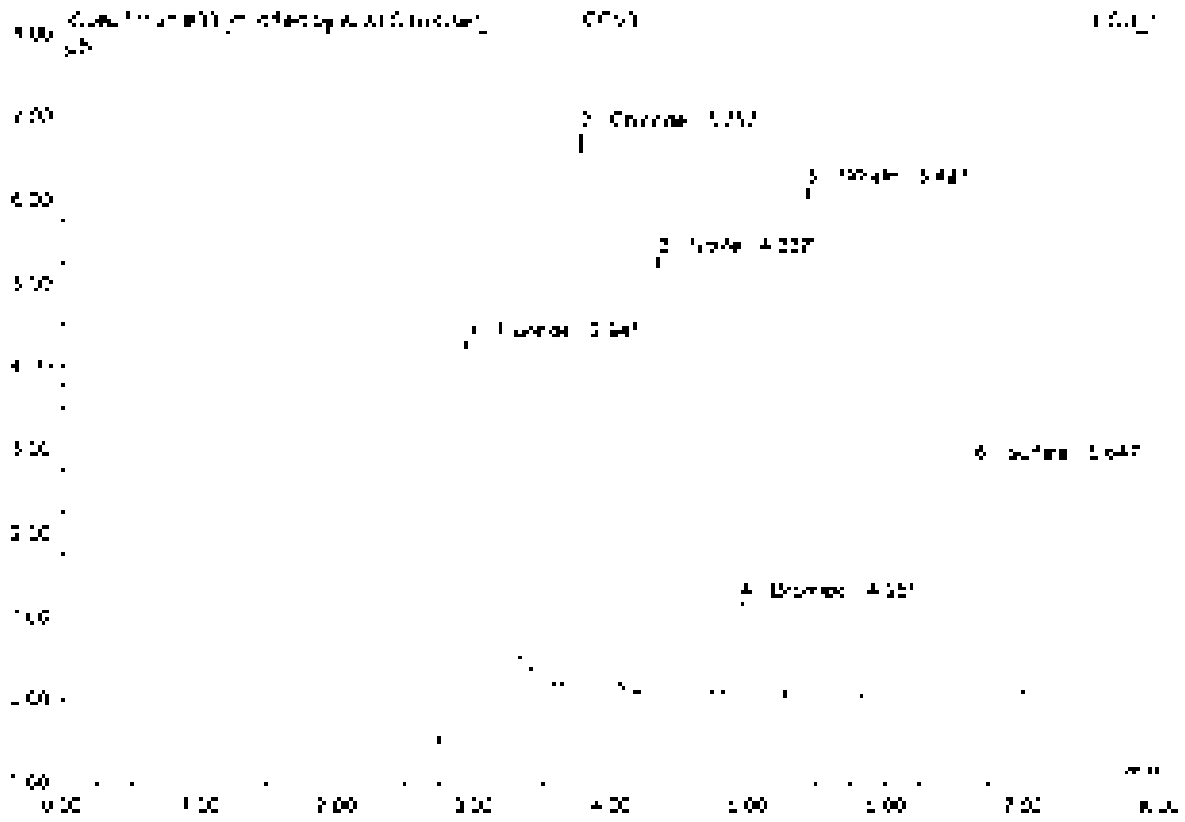
Sample Name	K2107109-011	Injection Volume	25.0
Vial Number	20	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Processing Time	7/15/2021 10:01	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.43	Nitrate	0.212	1.264	99.45	5.611	BMB
2	5.57	Sulfate	0.045	0.007	0.55	0.114	BMB
Total:			0.257	1.271	100.00	5.725	

33 CCV3

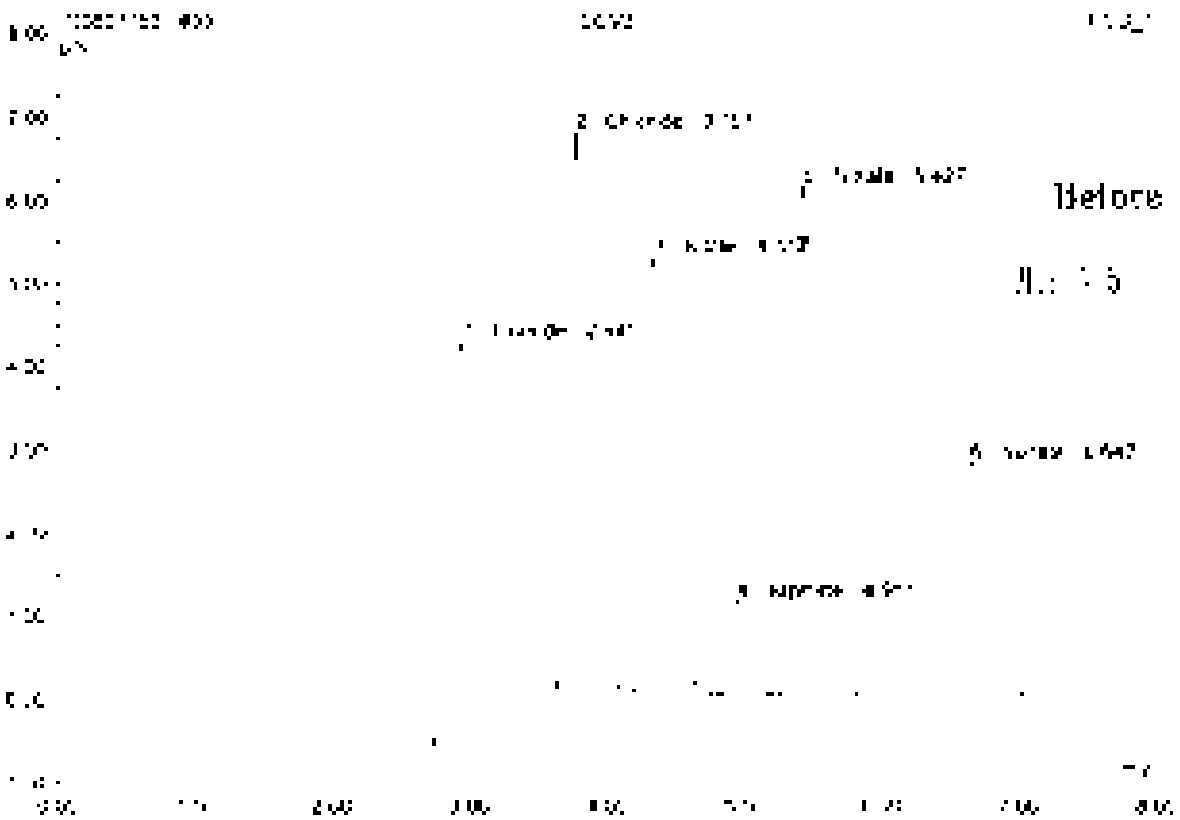
Sample Name	CCV3	Injection Volume	25.0
Vial Number	46	Channel	EGD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	7/13/2021 10:11	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.94	Fluoride	4.664	1.152	25.67	4.589	BV07
2	3.77	Chloride	6.647	0.783	17.44	4.522	BV07
3	4.34	Nitrite	5.241	0.832	18.54	2.332	BV8
4	4.95	Bromide	[illegible]	0.150	3.37	2.258	BV8
5	5.43	Nitrate	[illegible]	0.980	21.97	2.344	BV8
6	6.65	Sulfate	2.813	0.575	12.82	4.575	BV8
Total			26.593	4.480	100.00	20.727	

33 CCV3

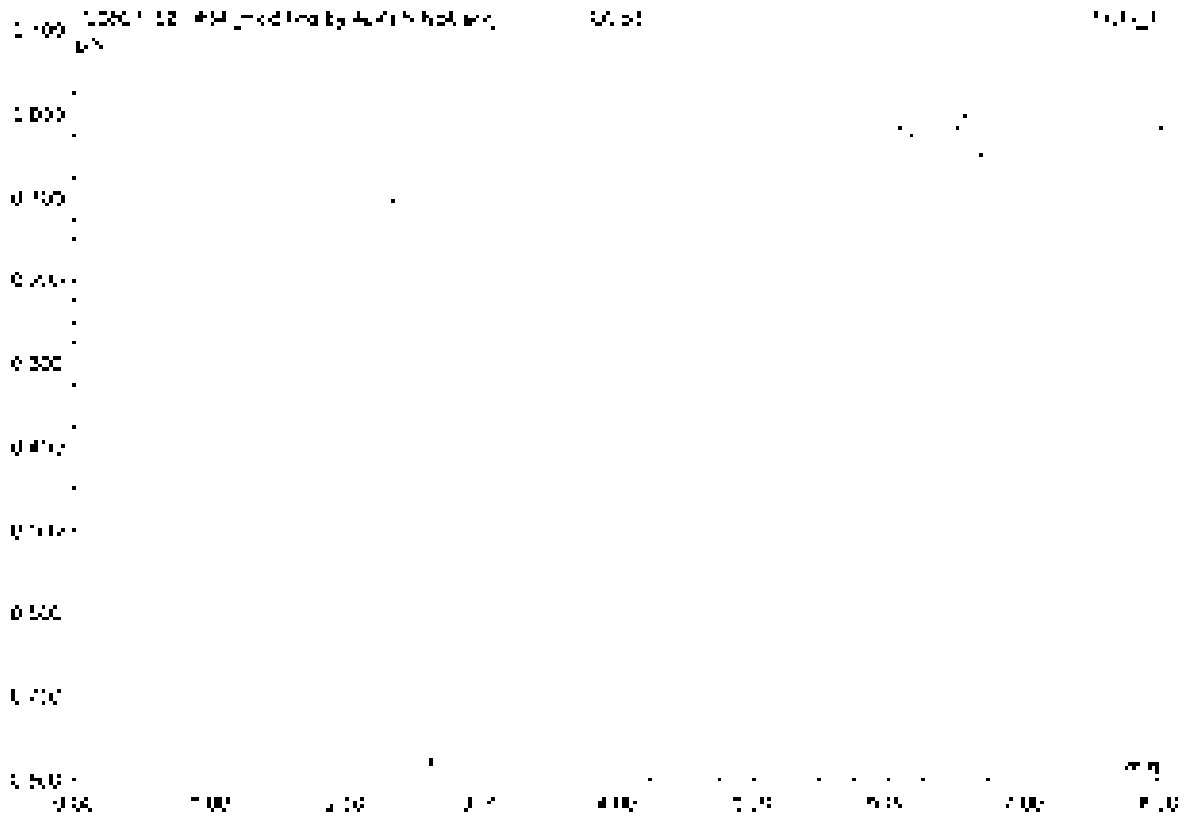
Sample Name	CCV3	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/15/2021 13:11	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	4.675	1.130	25.12	4.695	BVB
2	[illegible]	Chloride	6.647	[illegible]	[illegible]	4.522	BVB
3	4.34	Nitrite	5.241	0.532	18.42	2.309	BMB
4	4.95	Bromide	[illegible]	0.160	3.55	2.258	BMB
5	5.42	Nitrate	[illegible]	0.935	21.83	2.344	BMB
6	6.65	Sulfate	[illegible]	0.576	12.71	4.675	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

34 CCB3

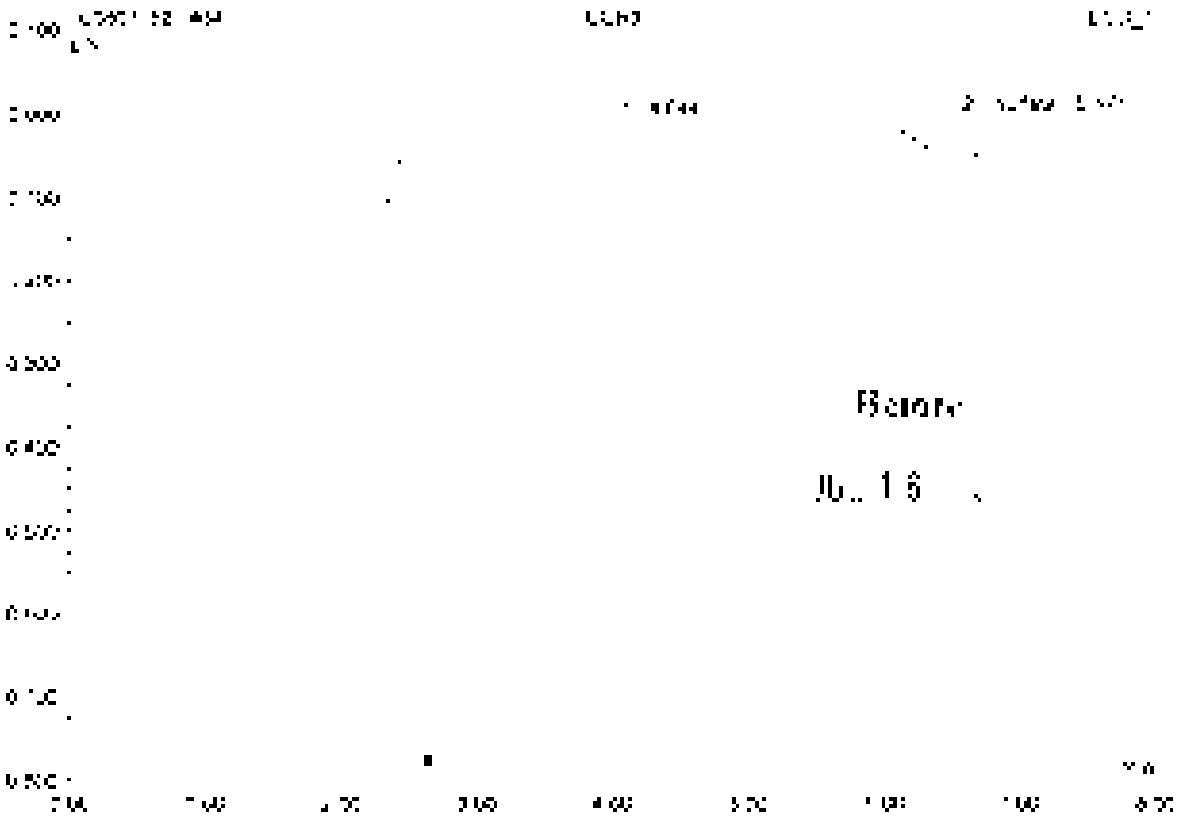
Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	7/15/2021 10:21	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	RetTime min	Peak Name	Height µS	Area µS*min	RelArea %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

34 CCB3

Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Output Method	epa300	Dilution Factor	1.0000
Recording Time	7/15/2021 18:21	Sample Weight	1.0000
Run Time (min.)	8.00	Sample Amount	1.0000

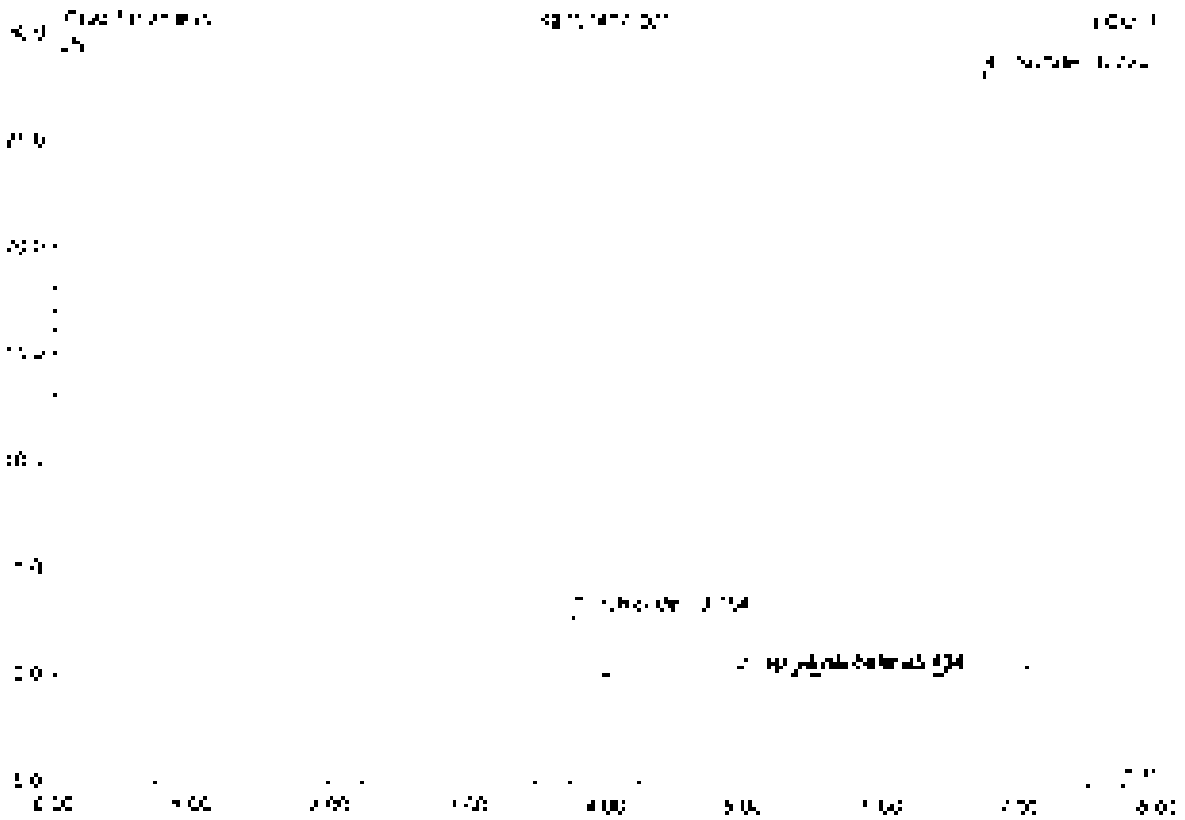


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	n.a.	0.450	1.202	99.43	n.a.	BMB
2	6.17	Sulfate	0.040	0.007	0.57	0.060	pVB
Total:			0.495	1.209	100.00	0.060	

35 K2107417-001

CL

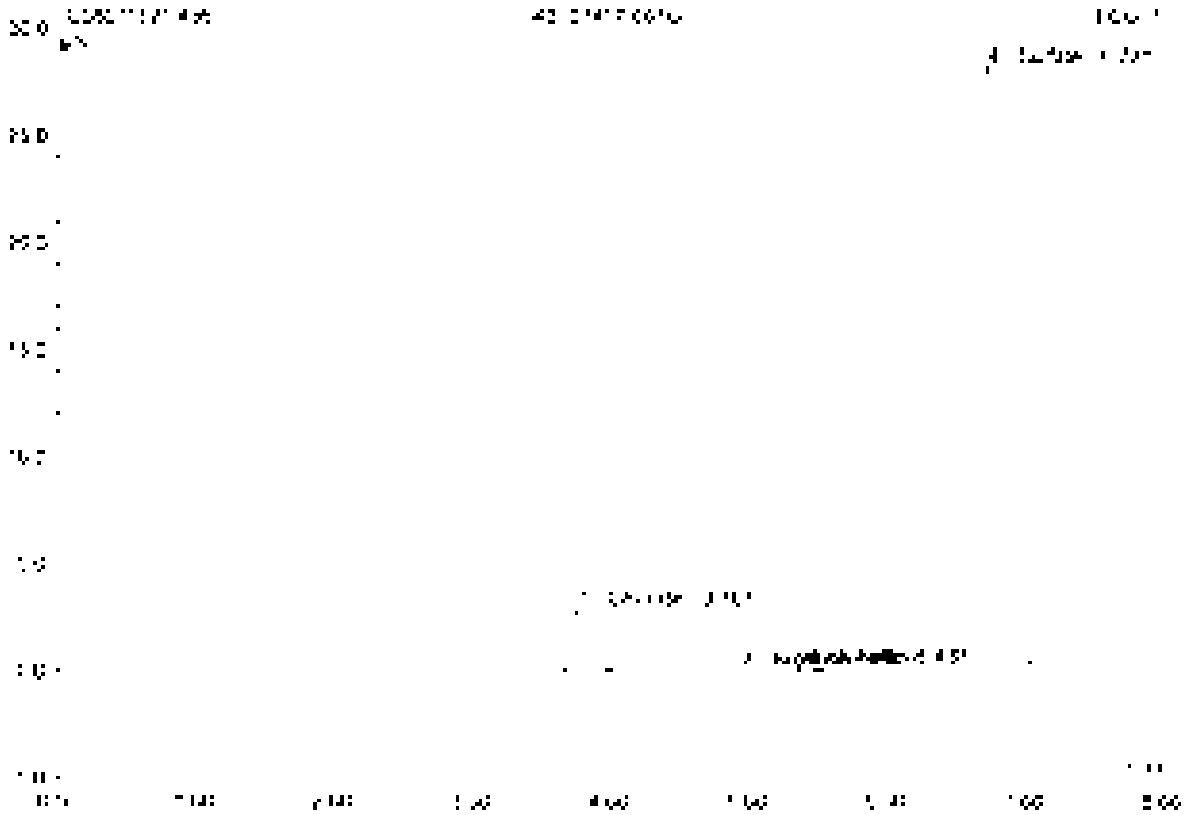
Sample Name	K2107417-001	Injection Volume	25.0
Vial Number	21	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Calibrat. Factor	1.0000
Recording Time	7/16/2021 18:31	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.76	Chloride	2.843	0.347	5.55	4.006	BMB
2	4.35	Bromide	0.036	0.005	0.09	0.148	BMB
3	5.43	Nitrate	0.158	0.028	0.47	0.736	BVB
4	5.72	Sulfate	27.891	5.753	93.89	93.412	BVB
Total:			30.930	6.134	100.00	97.702	

36 K2107417-001D

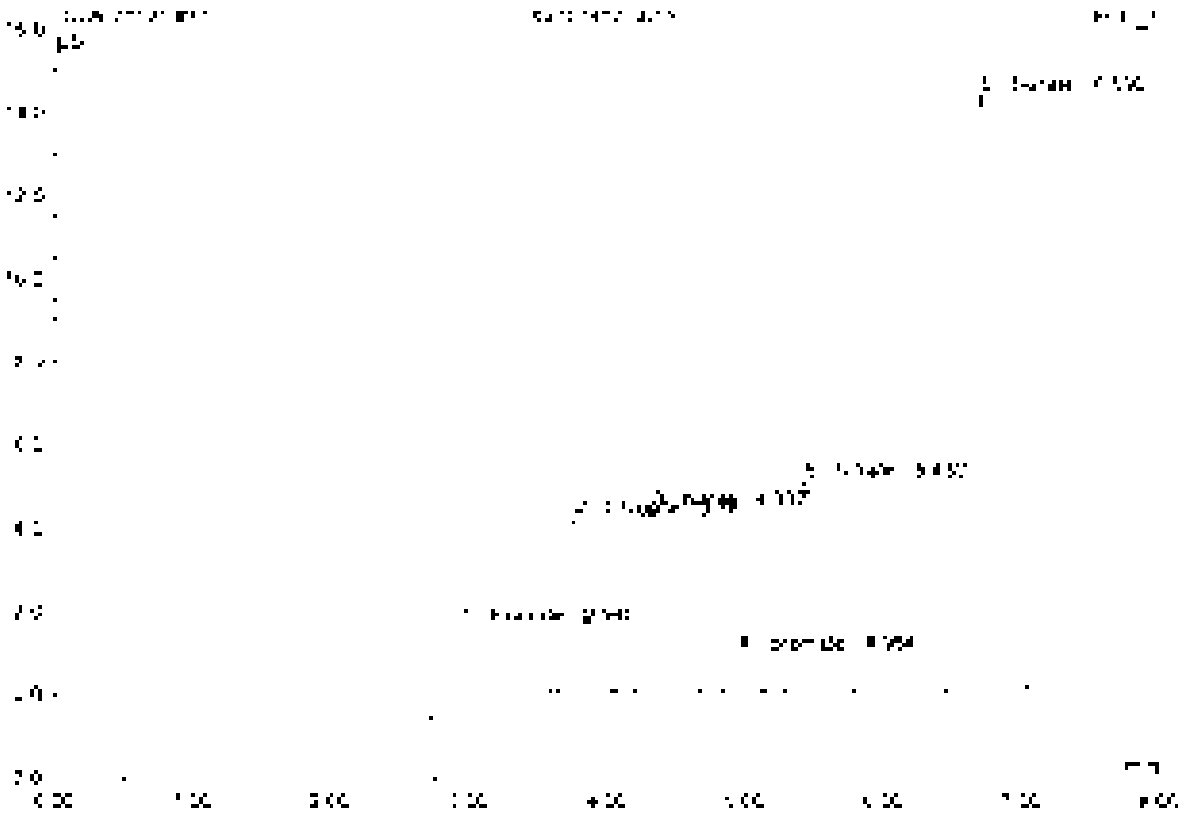
Sample Name	K2107417-001D	Injection Volume	25.0
Vial Number	22	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa500	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	2.0000
Recording Time	7/15/2021 10:41	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.77	Chloride	2.853	0.345	5.66	4.016	BMB
2	4.95	Bromide	0.036	0.006	0.09	0.148	BVB
3	5.64	Nitrate	0.157	0.026	0.43	0.124	bVB
4	6.72	Sulfate	27.926	5.767	93.83	93.556	BMB
Total			30.963	6.141	100.00	97.845	

37 K2107417-001S

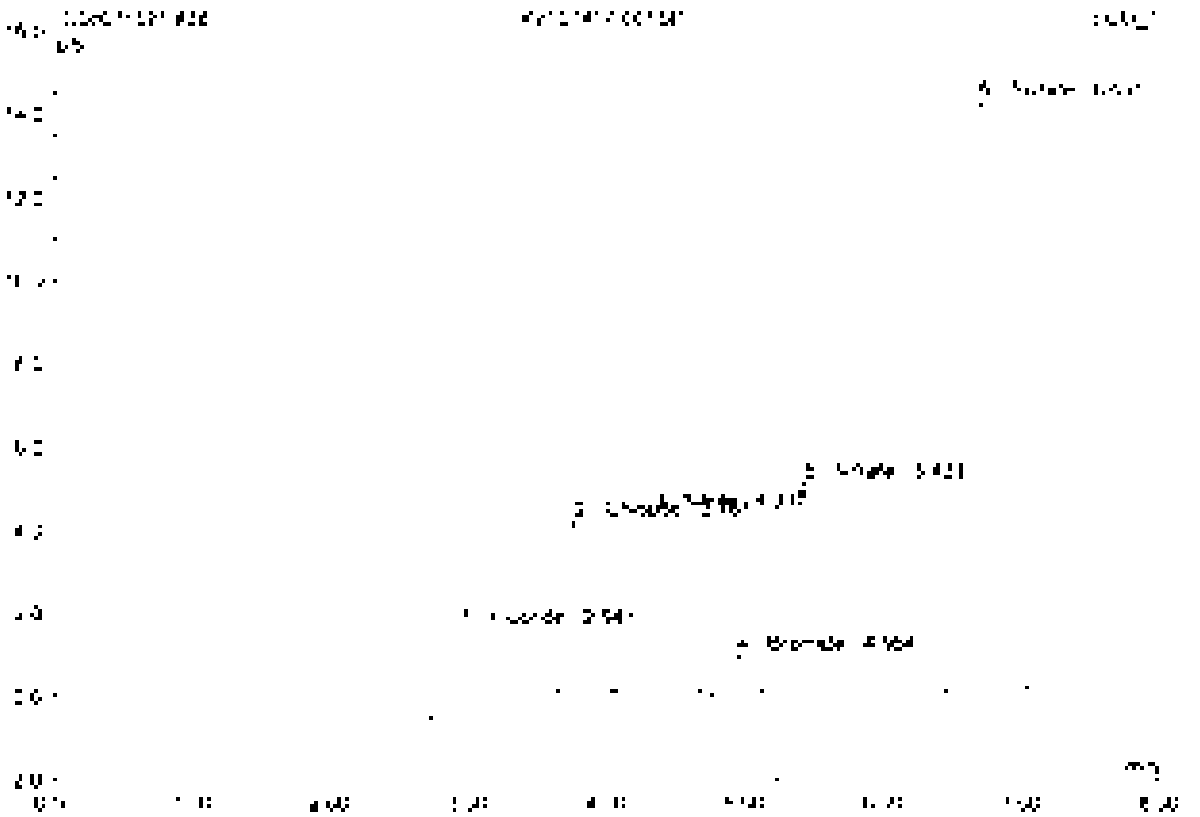
Sample Name	K2107417-001S	Injection Volume	25.0
Vial Number	23	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	4.0000
Recording Time	7/19/2021 10:30	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	2.081	0.595	10.34	9.470	BMB
2	3.77	Chloride	4.153	0.495	8.67	11.512	BMB
3	4.34	Nitrite	4.406	0.704	12.25	7.012	BVB
4	4.95	Bromide	0.553	0.139	2.41	7.813	BVB
5	5.43	Nitrate	5.115	0.859	14.59	7.970	BVB
6	6.50	Sulfate	14.289	2.903	51.73	96.545	BMB
Total			30.596	5.748	100.00	141.335	

38 K2107417-001SD

Sample Name	K2107417-001SD	Injection Volume	25.0
Vial Number	24	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa100	Suppressor	n.a.
Quantif. Method	wpa100	Dilution Factor	4.0000
Recording Time	7/15/2021 15:00	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000

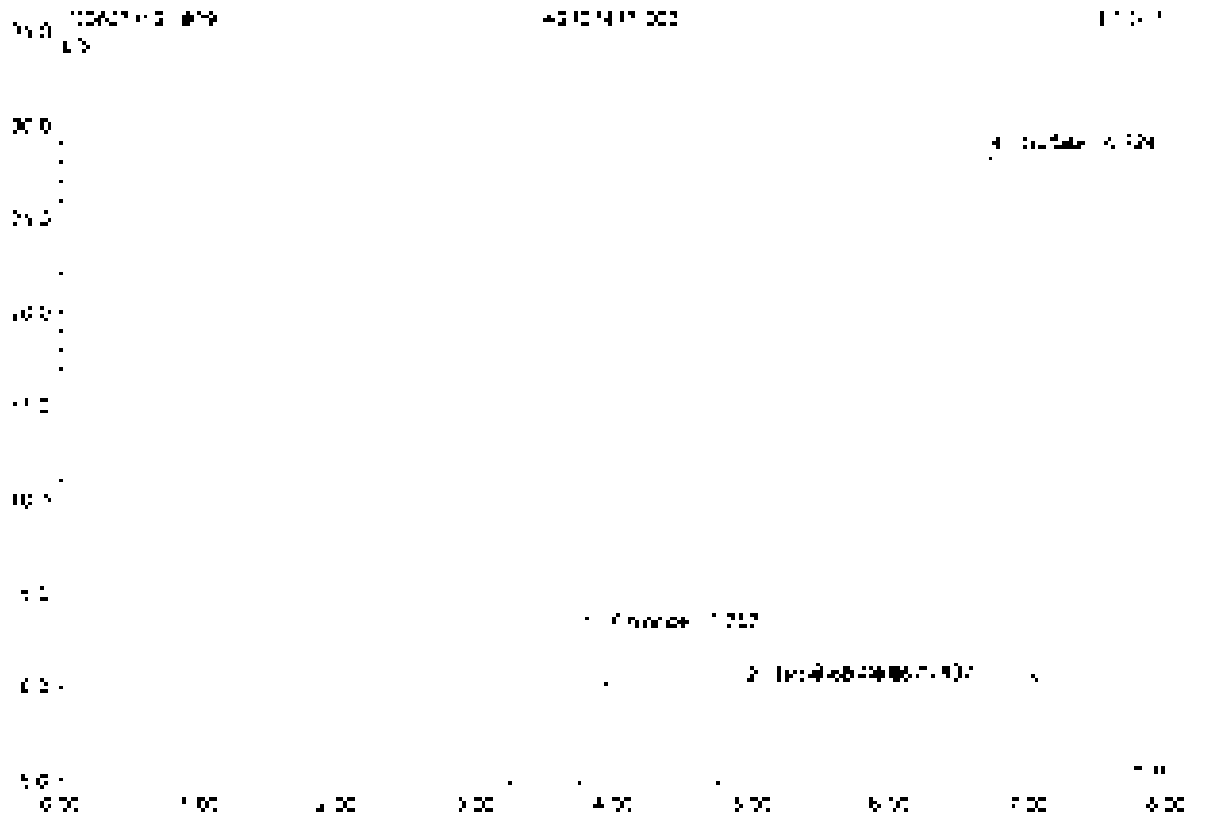


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	2.056	0.593	10.25	5.446	BMB
2	3.77	Chloride	4.153	0.559	9.71	11.534	BMB
3	4.34	Nitrite	4.095	0.705	12.30	7.921	BMB
4	4.95	Bromide	0.951	0.138	2.42	7.831	BMB
5	5.43	Nitrate	5.121	0.840	14.66	7.382	BMB
6	6.69	Sulfate	14.104	2.554	44.56	55.911	BMB
Total:			30.874	5.728	100.00	180.524	

39 K2107417-002

CL

Sample Name	K2107417-002	Injection Volume	25.0
Vial Number	35	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	7/15/2021 15:08	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000

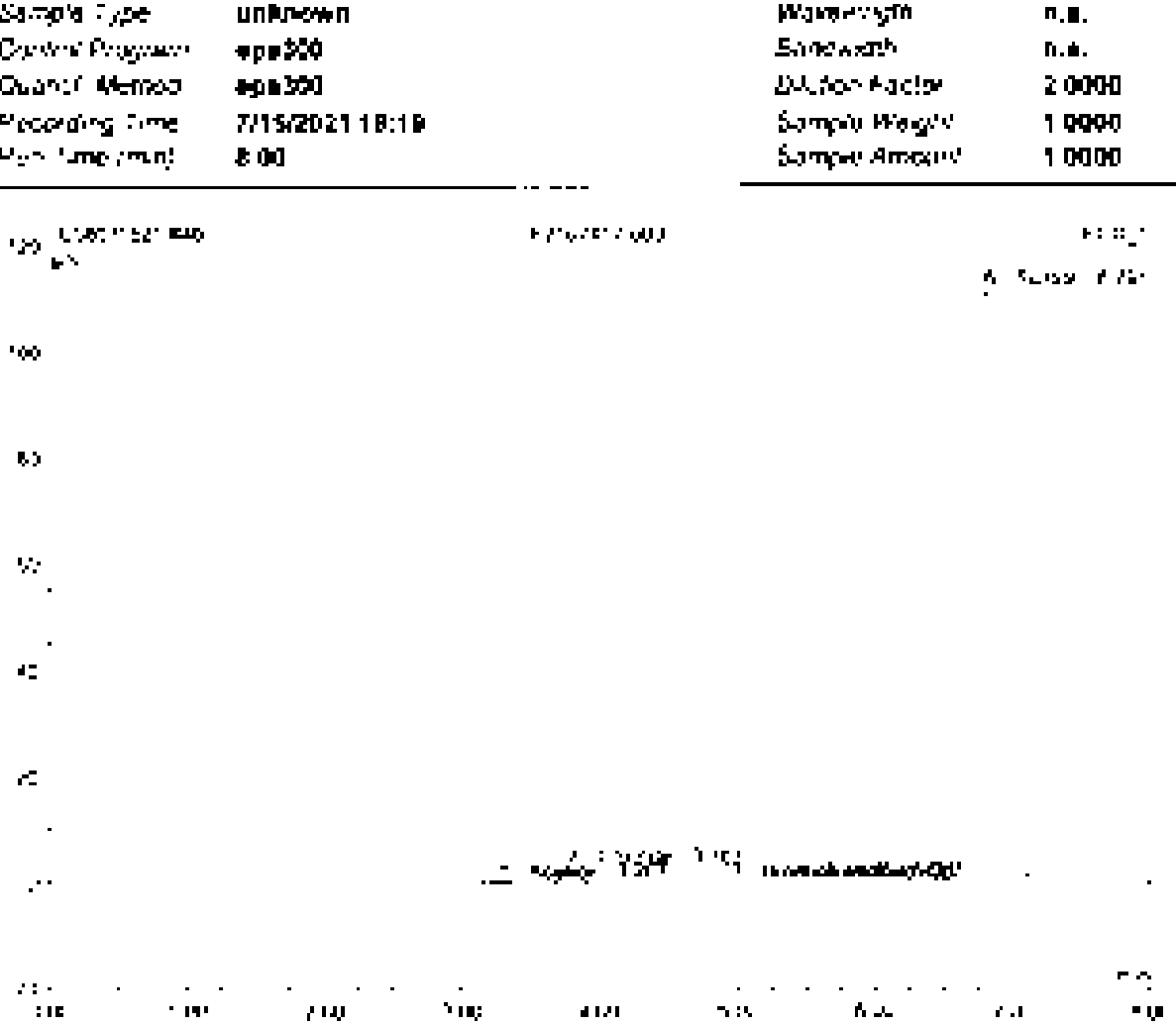


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.77	Chloride	2.285	0.353	5.66	4.075	BMB
2	4.96	Bromide	0.038	0.005	0.09	0.167	BMB
3	5.44	Nitrate	0.169	0.029	0.46	0.137	BMB
4	6.12	Sulfate	28.745	5.846	93.78	94.889	BMB
Total:			31.237	6.231	100.00	99.268	

40 K2107417-003

CL

Sample Name	K2107417-003	Injection Volume	25.0
Vial Number	26	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	2.0000
Recording Time	7/15/2021 18:19	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000

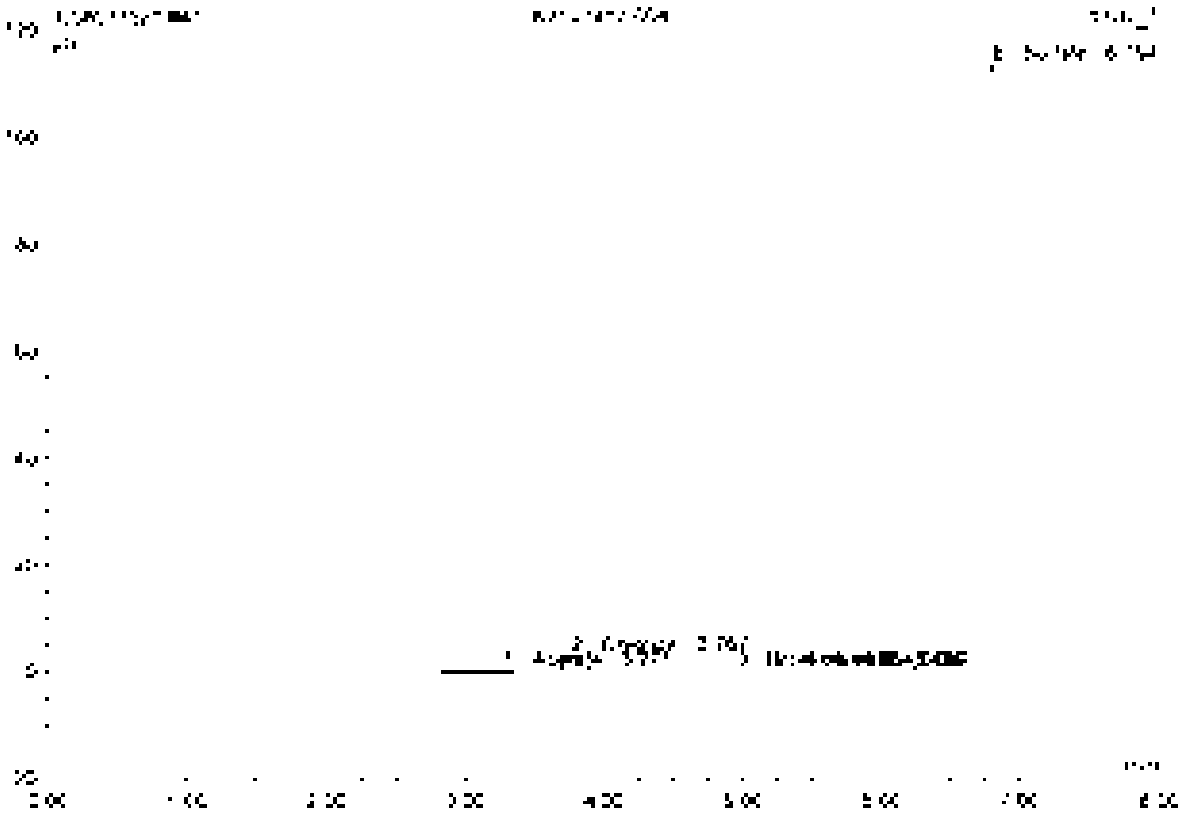


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.27	Acetate	0.311	0.211	0.57	n.a.	BMB
2	3.77	Chloride	2.857	0.348	0.93	4.070	BMB
3	4.95	Bromide	0.037	0.005	0.01	0.165	BMB
4	5.43	Nitrate	0.125	0.030	0.05	0.047	BMB
5	6.06	n.a.	0.037	0.005	0.02	n.a.	BMB
6	6.79	Sulfate	110.840	36.658	98.41	595.155	BMB
Totals:			114.230	37.257	100.00	599.464	

41 K2107417-004

CL

Sample Name	K2107417-004	Injection Volume	20.0
Vial Number	27	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/13/2021 11:28	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000

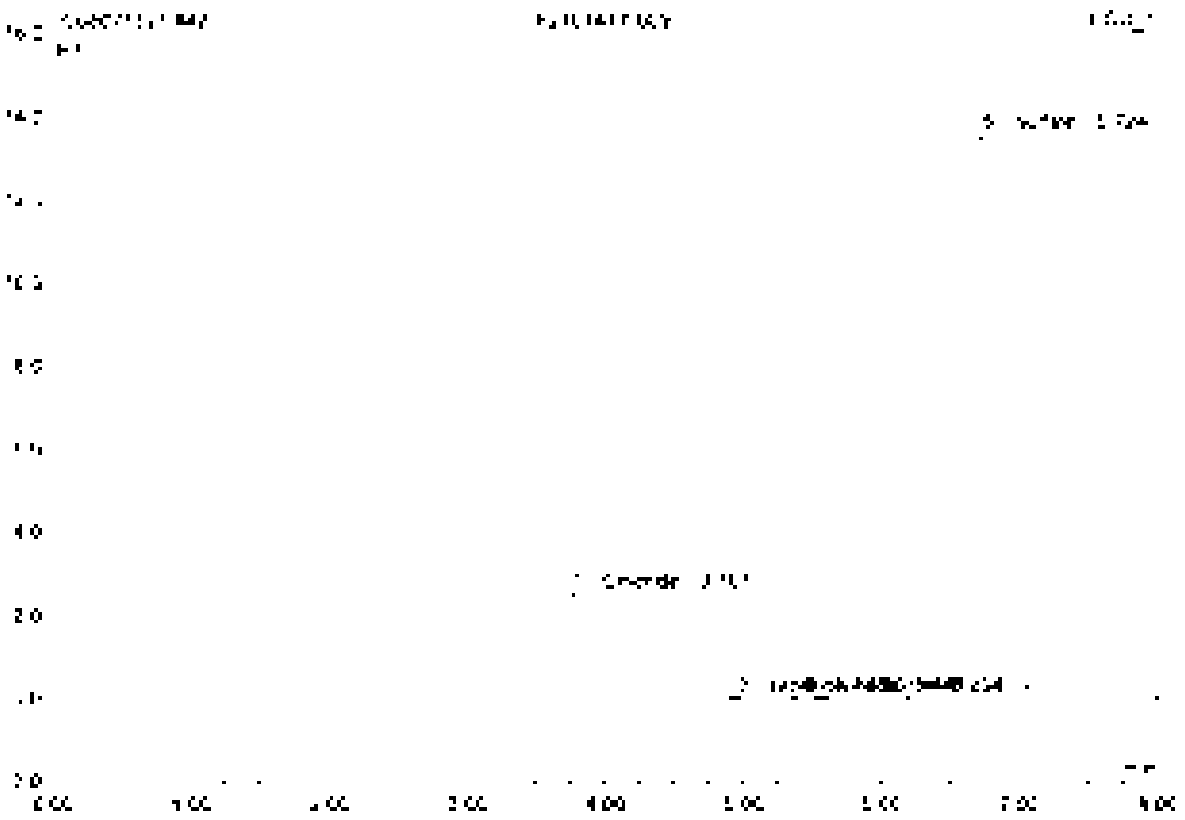


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.27	Acetate	0.013	0.213	0.57	n.a.	BMB
2	3.77	Chloride	2.837	0.348	0.92	4.015	BMB
3	4.95	Bromide	0.039	0.005	0.02	0.177	BV B
4	5.40	Nitrate	0.124	0.020	0.05	0.096	BV B
5	6.06	n.a.	0.059	0.009	0.02	n.a.	BV B
6	6.79	Sulfate	112.292	37.082	98.42	602.080	BV B
Total			115.674	37.679	100.00	606.367	

42 K2107417-009

CL

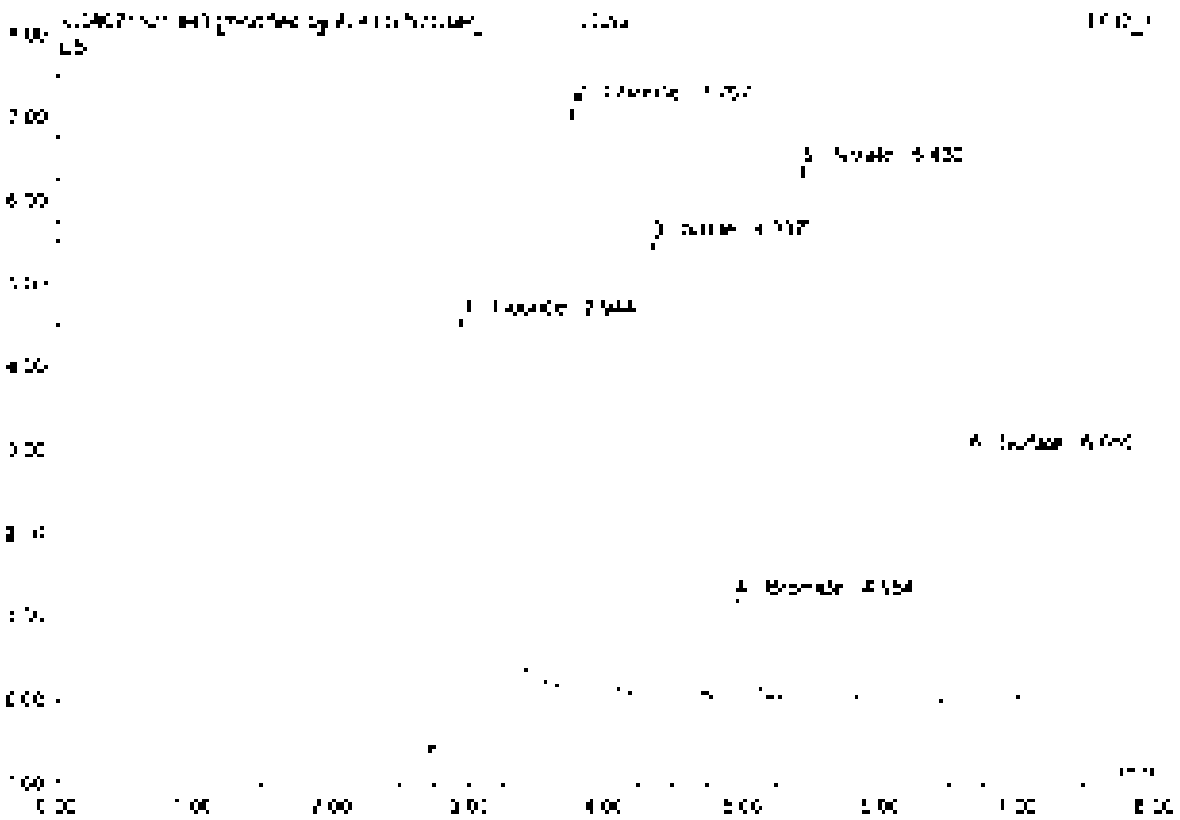
Sample Name	K2107417-009	Injection Volume	25.0
Vial Number	38	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	2.0000
Processing Time	7/16/2021 18:38	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	4.96	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	BMB
3	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BV B
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	n.a.	BVB
5	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BV B
Total:			[illegible]	[illegible]	100.00	[illegible]	

43 LCS2

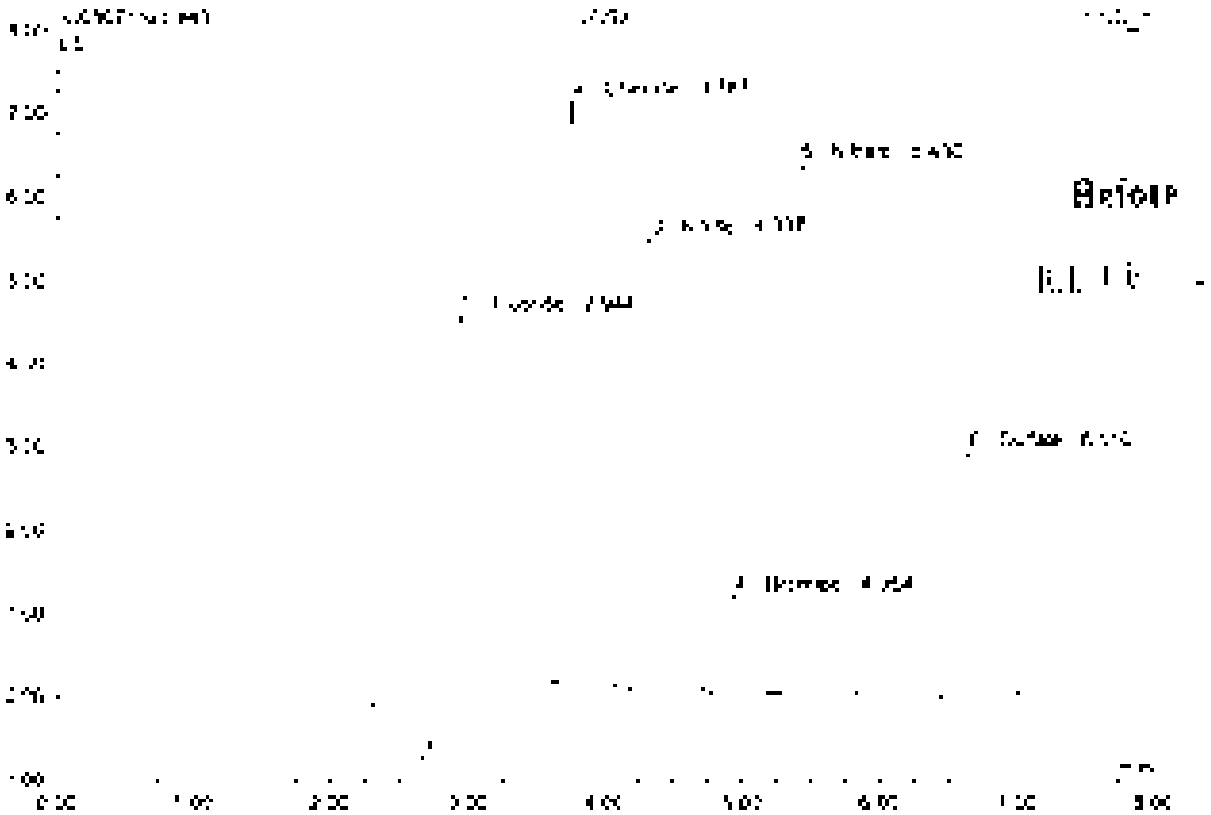
Sample Name	LCS2	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quantif. Method	spa300	Dilution Factor	1.0000
Injection Time	7/15/2021 19:48	Sample Weight	1.0000
Run Time (min)	6.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.54	Fluoride	4.075	[illegible]	25.64	4.835	BMB*
2	3.77	Chloride	7.012	0.832	17.00	4.836	BMB*
3	4.36	Nitrite	5.453	0.872	18.45	2.452	BVB
4	4.95	Bromide	[illegible]	0.159	3.50	2.365	BVB
5	5.43	Nitrate	6.354	[illegible]	21.89	2.460	BVB
6	6.05	Sulfate	2.351	0.507	12.84	4.930	BMB
Total			27.356	4.729	100.00	[illegible]	

43 LCS2

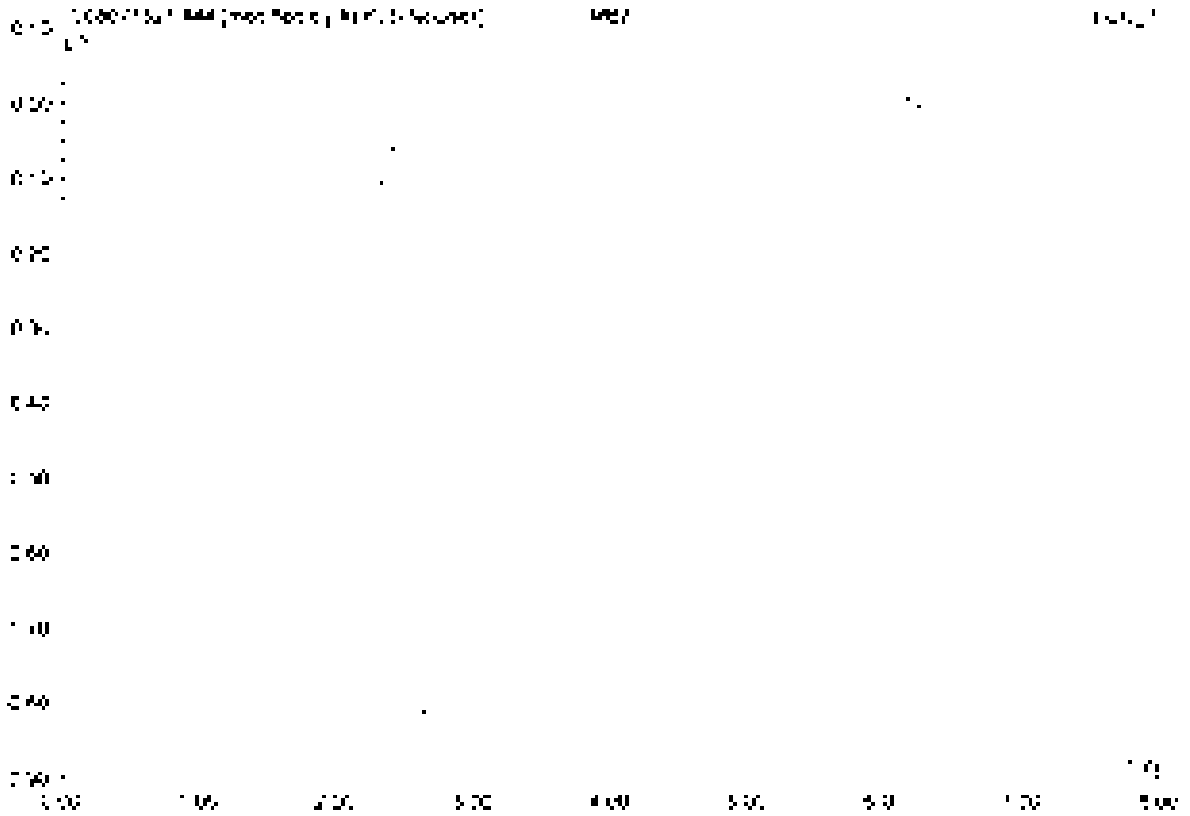
Sample Name	LCS2	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	7/15/2021 10:49	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	5.900	1.257	26.34	5.905	BMB
2	3.77	Chloride	7.012	0.832	17.43	4.536	BMB
3	4.34	Nitrite	5.462	0.972	18.28	2.452	BMB
4	4.85	Bromide	1.172	0.165	3.55	2.383	BMB
5	5.43	Nitrate	6.384	1.035	21.68	2.400	BMB
6	6.55	Sulfate	2.957	0.607	12.72	4.910	BMB
Total:			27.882	4.772	100.00	22.586	

44 MB2

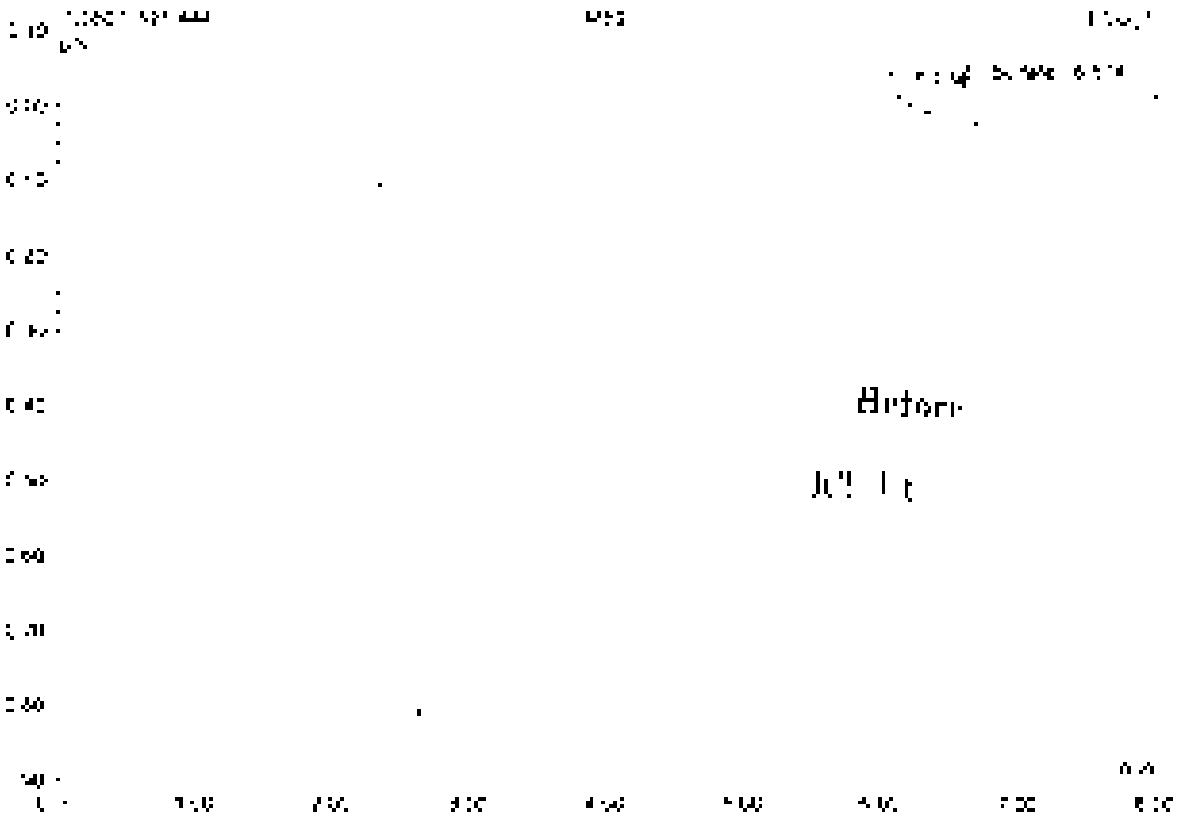
Sample Name	MB2	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Sensitivity	n.a.
Current Method	epa300	Dilution Factor	1.0000
Recording Time	7/15/2021 19:58	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total			0.000	0.000	0.00	0.000	

44 M82

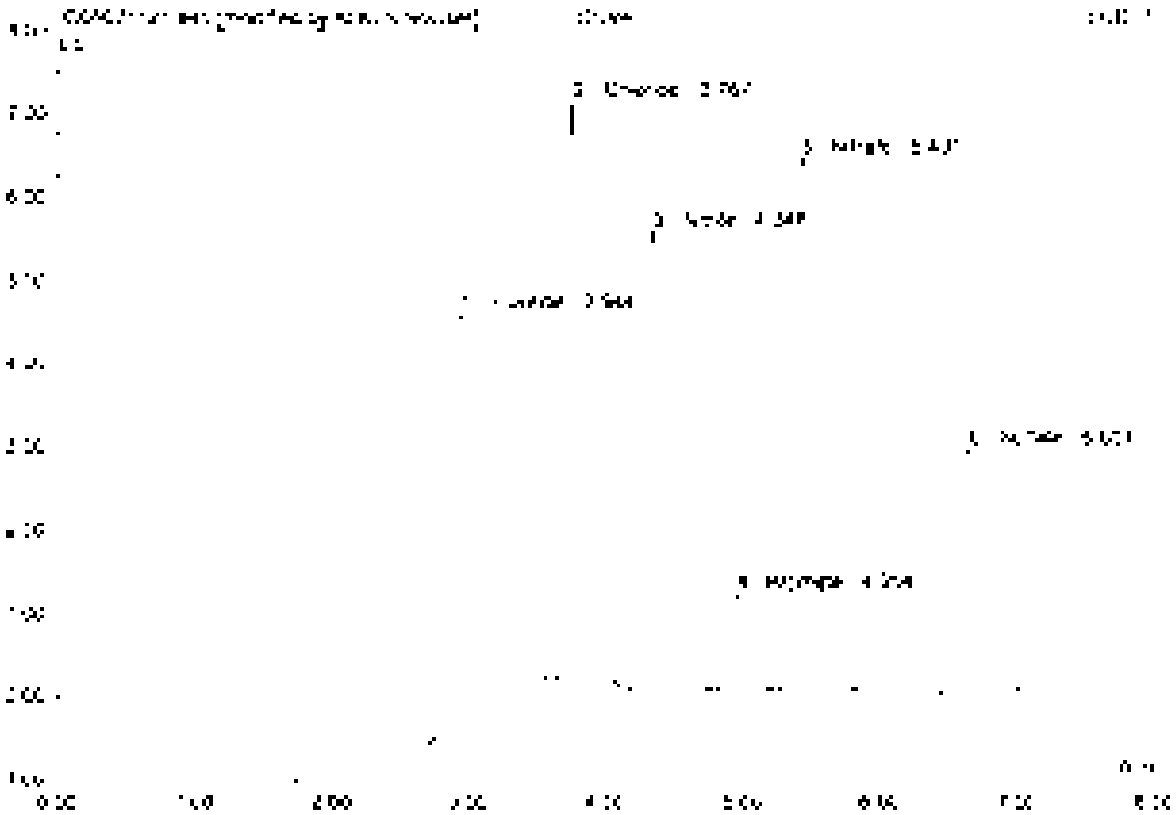
Sample Name	M82	Injection Volume	[illegible]
Vial Number	1	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Control Method	spa300	Dilution Factor	1.0000
Recording Time	[illegible]/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
2	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

45 CCV4

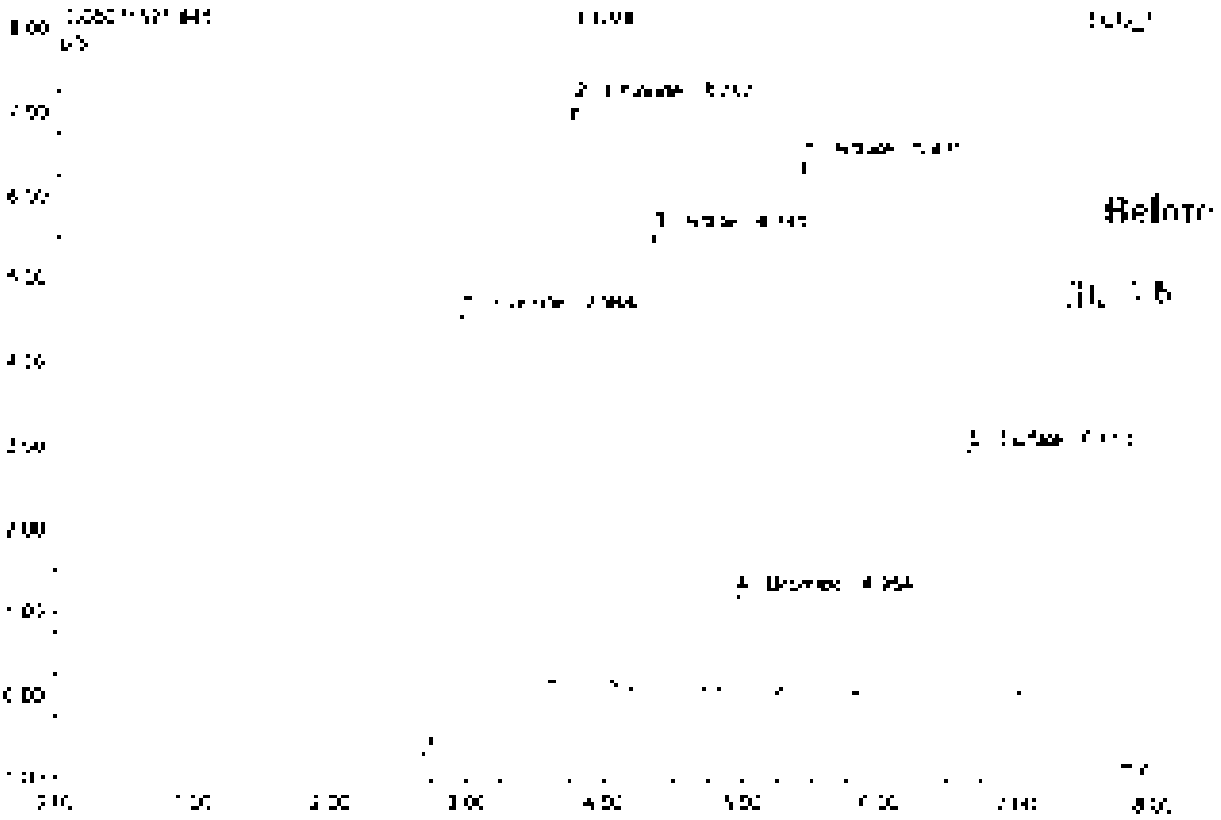
Sample Name	CCV4	Injection Volume	25.0
Vial Number	48	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/14/2021 20:07	Sample Weight	1.0000
Run Time [illegible]	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.94	Fluoride	4.981	1.224	25.83	4.872	BMB*
2	3.77	Chloride	6.958	0.822	17.35	4.745	BMB*
3	4.04	Nitrite	5.503	0.875	18.49	2.452	BMB
4	4.95	Bromide	[illegible]	0.169	3.57	2.357	BMB
5	5.43	Nitrate	6.435	1.039	21.91	2.462	BMB
6	6.65	Sulfate	7.950	0.609	12.84	4.937	BMB
Total			27.968	4.738	100.00	21.315	

45 CCV4

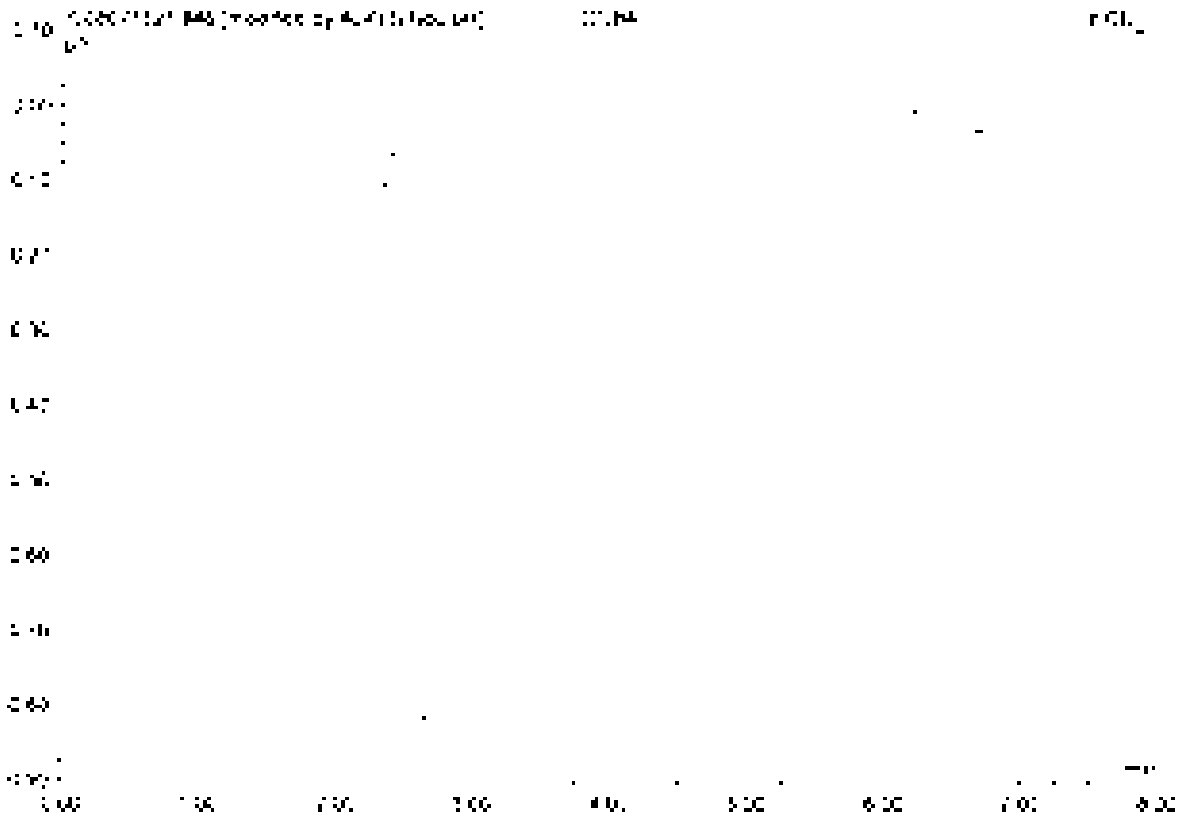
Sample Name	CCV4	Injection Volume	15.0
Vial Number	45	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	[illegible] 20:07	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	5.000	1.257	26.34	1.004	BMB
2	3.77	Chloride	6.958	0.822	17.22	4.748	BMB
3	4.31	Nitrite	5.503	0.876	18.37	2.452	BMB
4	4.95	Bromide	[illegible]	0.169	3.55	2.387	BMB
5	5.43	Nitrate	6.435	1.008	21.16	2.458	BMB
6	6.65	Sulfate	2.950	0.608	12.75	4.937	BMB
Total			27.597	4.771	100.00	22.006	

46 CCB4

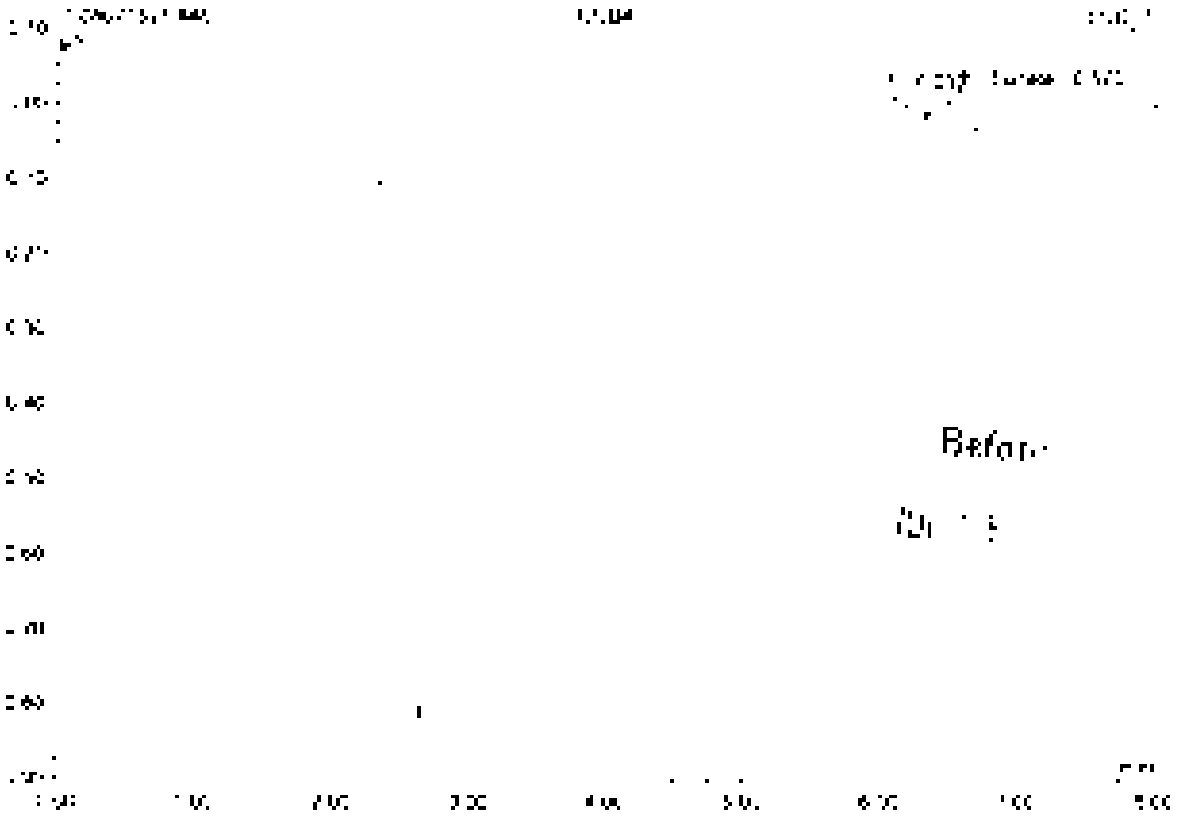
Sample Name	CCB4	Injection Volume	25.0
Vial Number	49	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/15/2021 20:17	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total			0.000	0.000	0.00	0.000	

46 CCB4

Sample Name	CCB4	Injection Volume	25.0
Vial Number	49	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	7/15/2021 20:17	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000

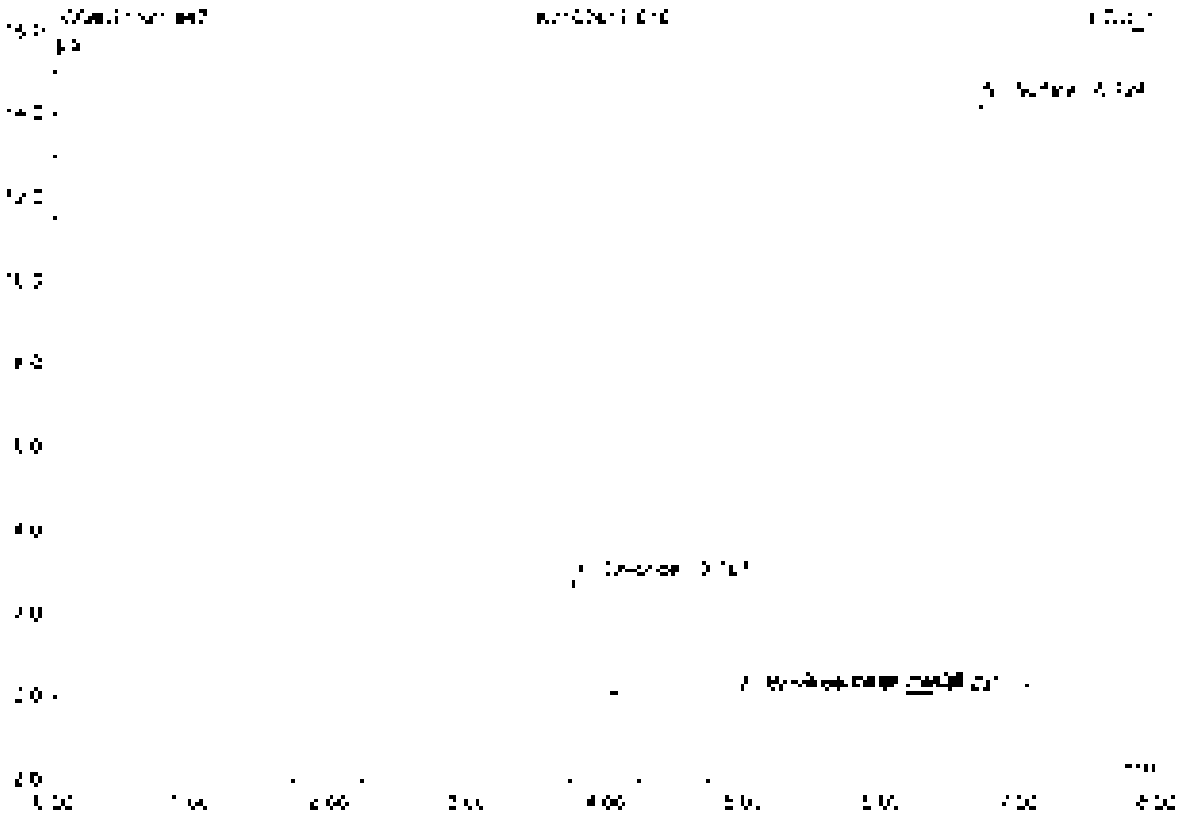


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.24	n.a.	0.090	[illegible]	99.42	n.a.	BMB
2	6.57	Surface	0.042	0.002	0.58	0.065	nVB
Total:			0.135	[illegible]	100.00	0.065	

47 K2107417-010

CL

Sample Name	K2107417-010	Injection Volume	25.0
Vial Number	29	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/15/2021 20:27	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.77	Chloride	2.762	0.330	[illegible].75	3.912	BMB
2	4.96	Bromide	0.035	0.005	0.15	0.146	BMB
3	5.44	Nitrate	0.058	0.002	0.14	0.111	BMB
4	6.29	[illegible]	0.048	0.010	0.40	n.a.	BMb
5	6.72	Sulfate	14.149	2.768	87.93	44.545	BMH
Total:			17.052	3.148	100.00	49.116	

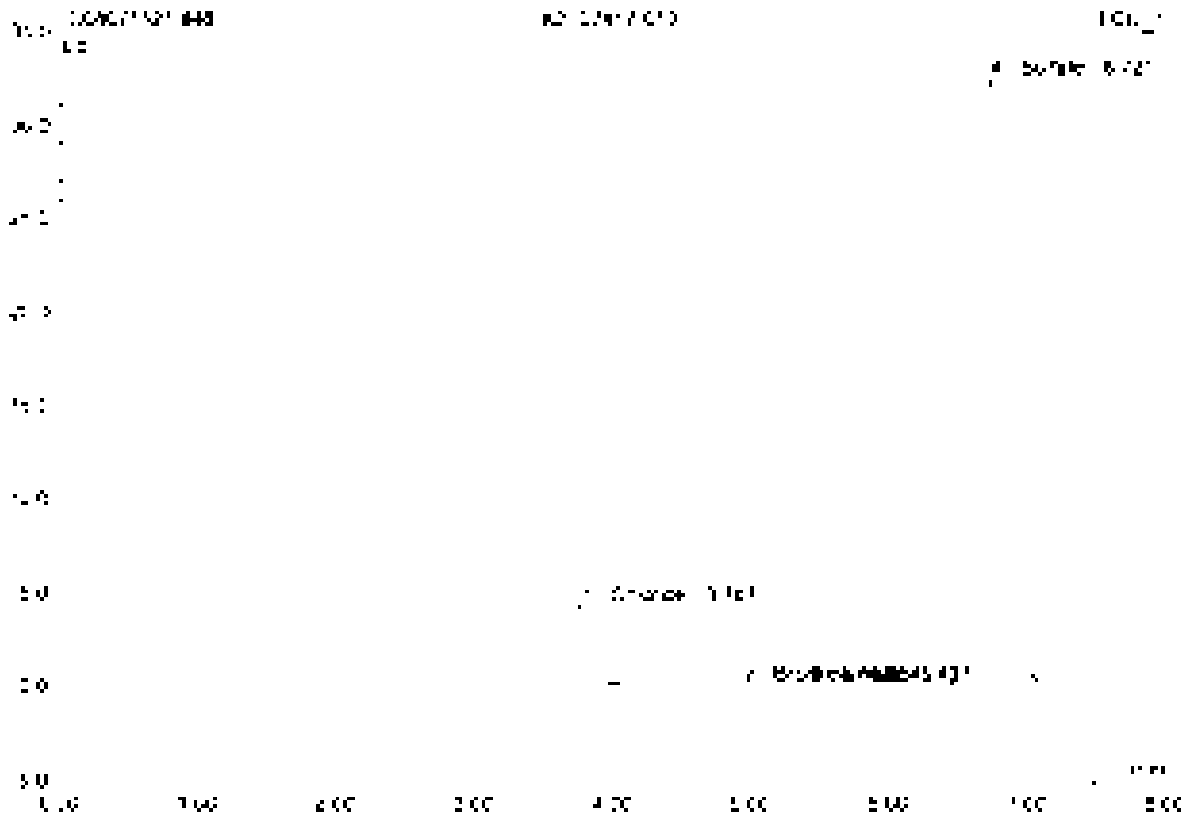
default integration

Chromeleon, Dionex 1996-2006
Version 6.80 SR1 build 3322 (1562751)

48 K2107417-013

CL

Sample Name	K2107417-013	Injection Volume	25.0
Run Number	30	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Current Method	wpa300	Dilution Factor	2.0000
Recording Time	7/15/2021 20:37	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000

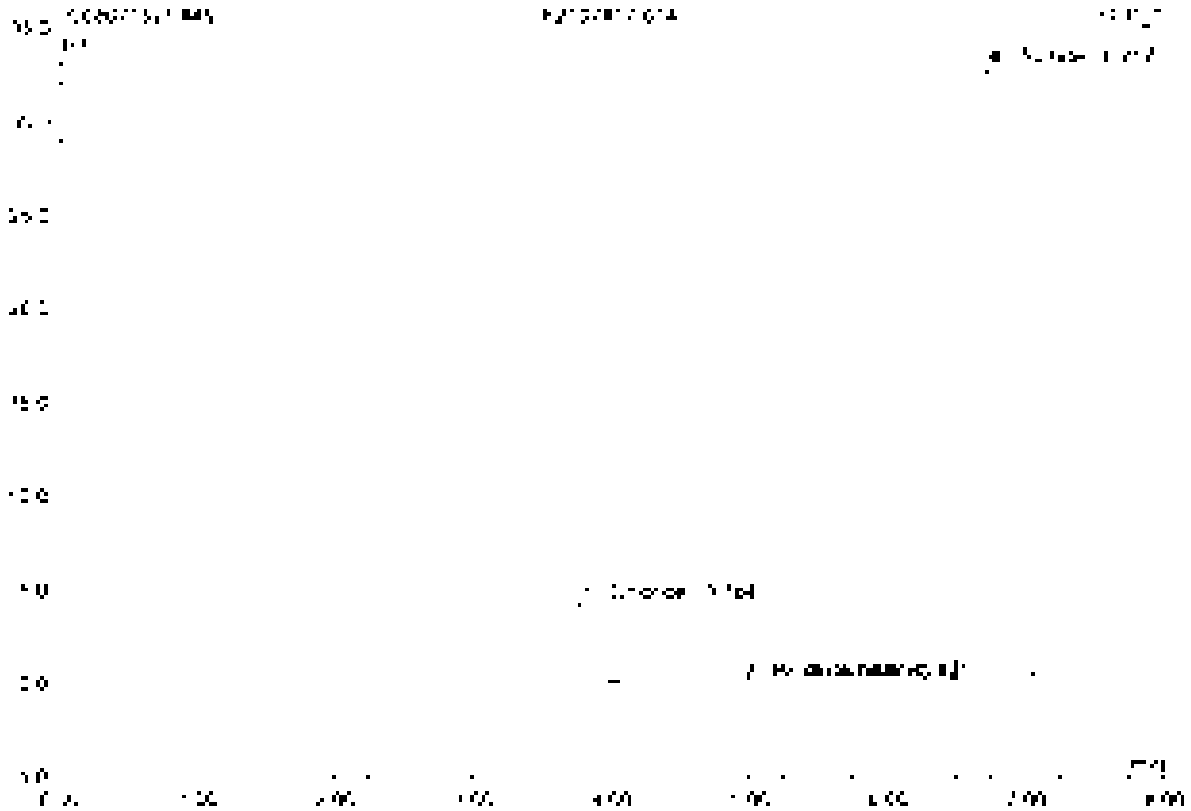


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.77	Chloride	4.275	0.518	7.01	5.983	BVB
2	4.95	Bromide	0.043	0.007	0.09	0.184	BVB
3	5.44	Nitrate	0.053	0.005	0.07	0.041	BVB
4	6.72	Sulfate	32.179	6.853	92.78	[illegible]	BVB
Total:			36.550	7.386	100.00	[illegible]	

49 K2107417-014

CL

Sample Name	K2107417-014	Injection Volume	25.0
Vial Number	31	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	2.0000
Recording Time	7/15/2021 20:46	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chloride	4.236	0.515	6.89	5.944	BMB
2	4.95	Bromide	0.944	0.007	0.09	0.192	BMB
3	5.43	Nitrate	0.947	0.003	0.11	0.039	BMB
4	6.72	Sulfate	32.570	6.936	92.91	112.615	BMB
Total:			38.697	7.462	100.00	118.797	

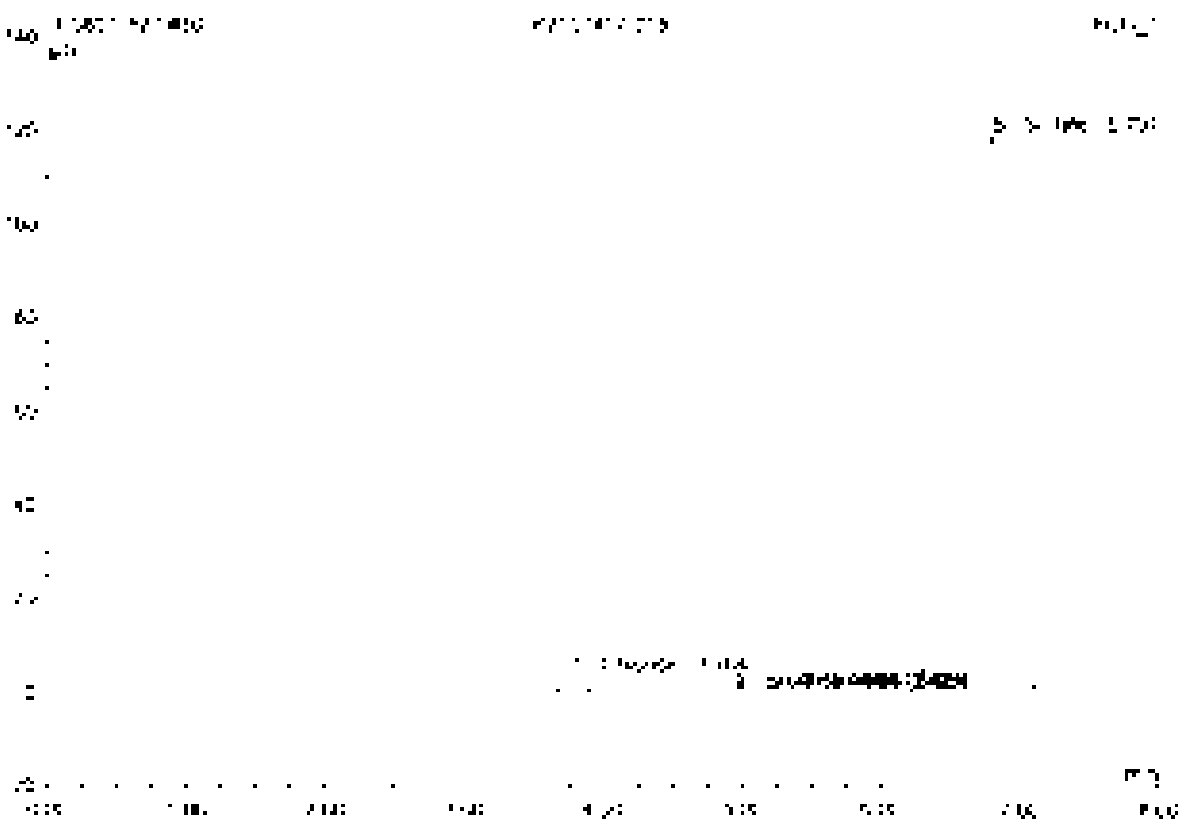
default.ctmethod

Chromeleon(c) Dionex 1996-2006
Version 6.80 SR11a Build 3302 (1602394)

50 KZ107417-015

CL

Sample Name	KZ107417-015	Injection Volume	25.0
Vial Number	32	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	2.0000
Recording Time	7/13/2021 20:56	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000

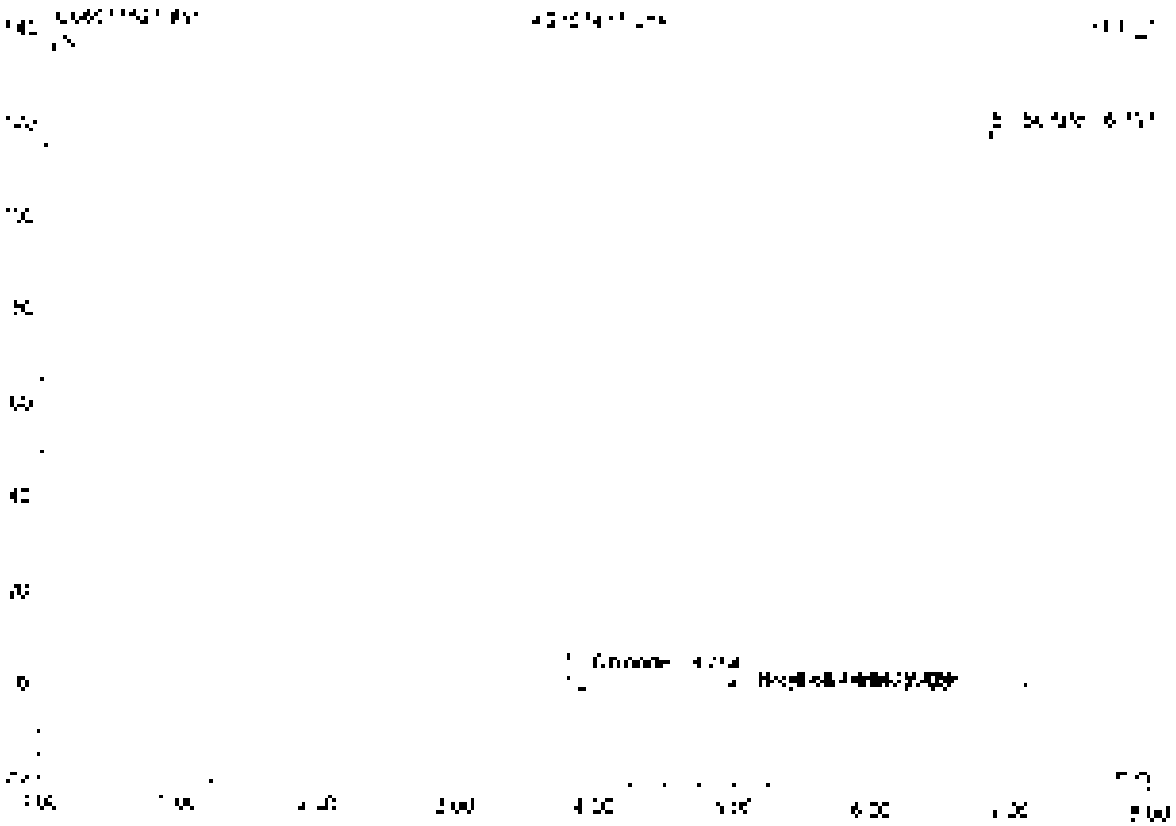


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	1.76	Chloride	3.532	0.431	1.30	4.353	BV8
2	4.95	Bromide	0.342	0.006	0.02	0.177	BV8
3	5.43	Nitrate	0.356	0.044	0.11	0.268	BV8
4	6.05	n.a.	0.365	0.005	0.02	n.a.	BV8
5	6.80	Sulfate	117.944	35.427	98.77	640.157	BV8
Total:			121.750	35.916	100.00	645.524	

51 K2107417-016

CL

Sample Name	K2107417-016	Injection Volume	25.0
Vial Number	33	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Guard Column	epa300	Dilution Factor	2.0000
Recording Time	2/15/2021 21:05	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000

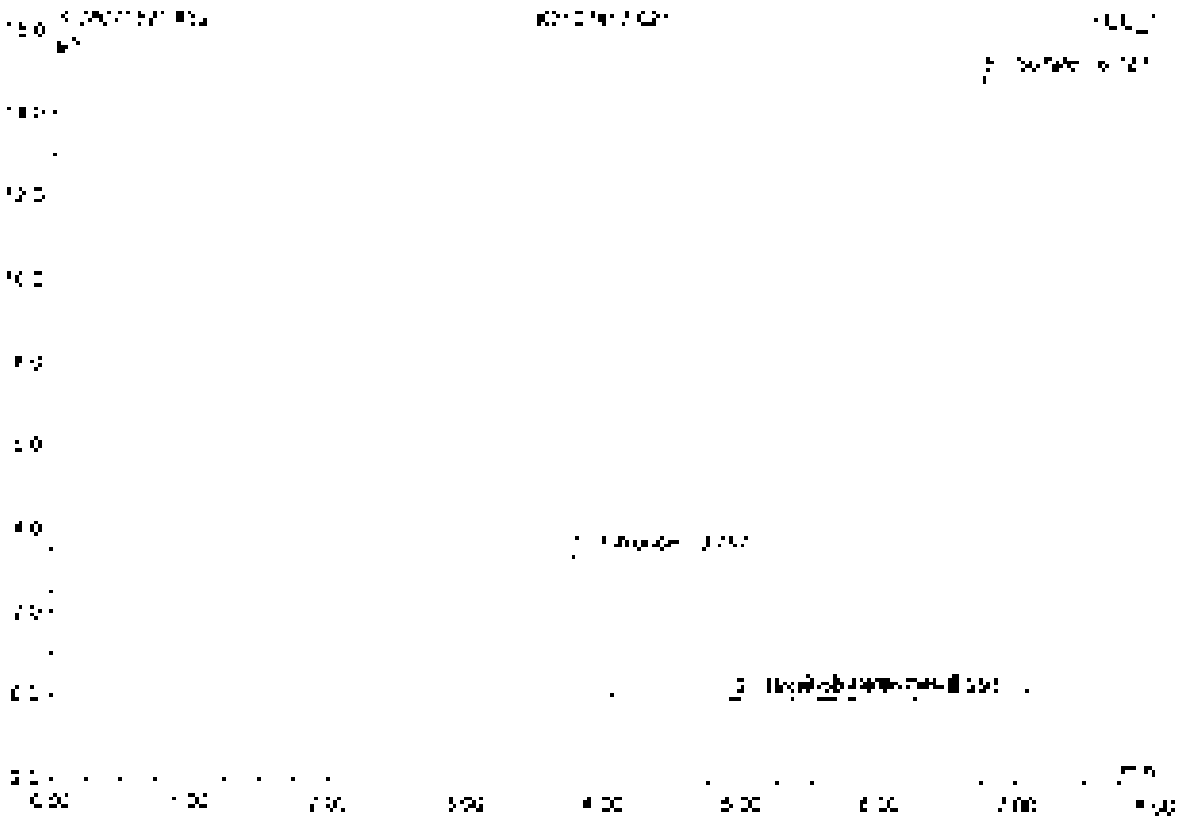


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.76	Chloride	3.420	3.425	1.06	4.959	BMB
2	4.35	Bromide	0.044	0.067	0.02	0.195	BMB
3	5.42	Nitrate	0.333	0.065	0.78	0.250	BMB
4	6.04	n.a.	0.066	0.008	0.02	n.a.	BMB
5	6.86	Sulfate	179.214	35.831	92.75	646.714	BMB
Total			183.179	40.330	100.00	652.128	

52 K2107417-021

CL

Sample Name	K2107417-021	Injection Volume	25.0
Vial Number	34	Channel	CDD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/15/2021 21:15	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000

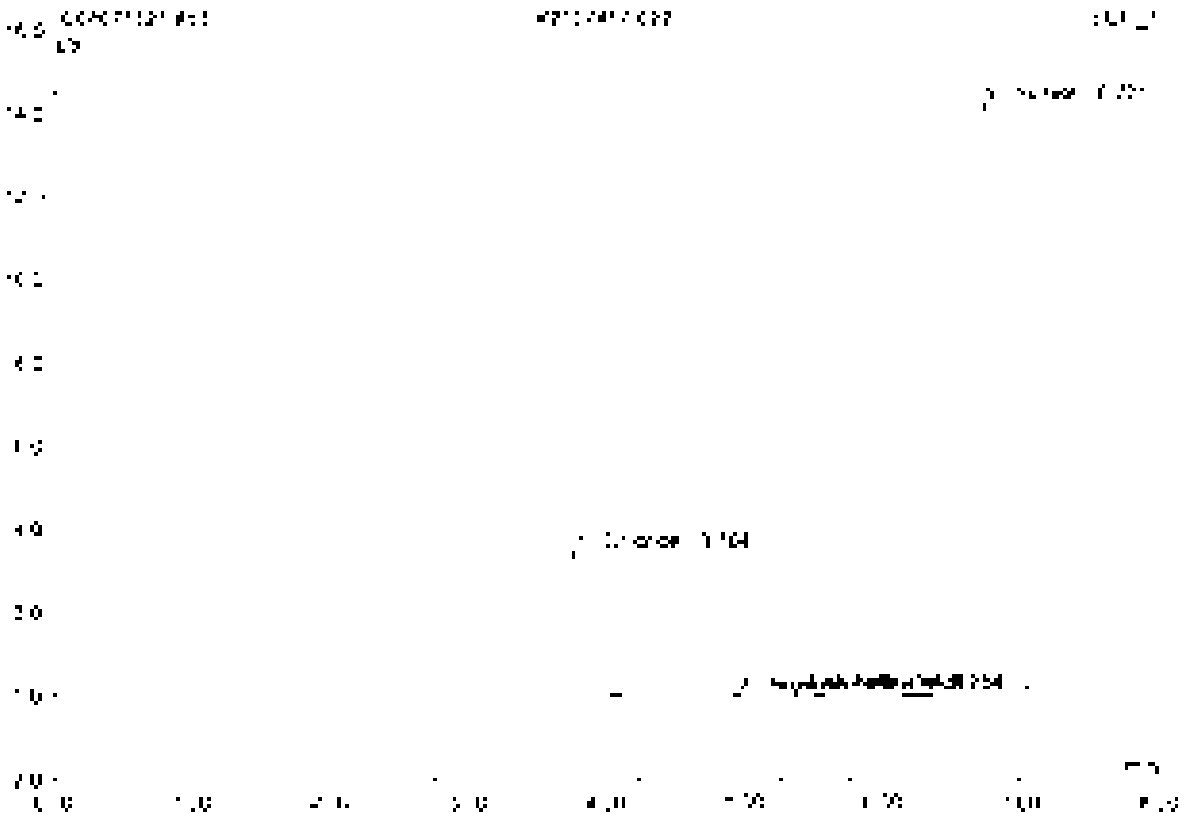


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Chloride	3.450	0.428	12.57	6.947	BMB
2	4.96	Bromide	0.037	0.006	0.17	0.162	BMB
3	5.44	Nitrate	0.126	0.027	0.80	0.120	BMB
4	6.29	n.a.	0.046	0.010	0.31	n.a.	BMB
5	6.[illegible]	Sulfate	14.962	2.931	86.09	47.625	BMB
Total:			18.556	3.407	100.00	52.864	

53 K2107417-022

CL

Sample Name	K2107417-022	Injection Volume	25.0
Vial Number	35	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	7/15/2021 21:25	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000

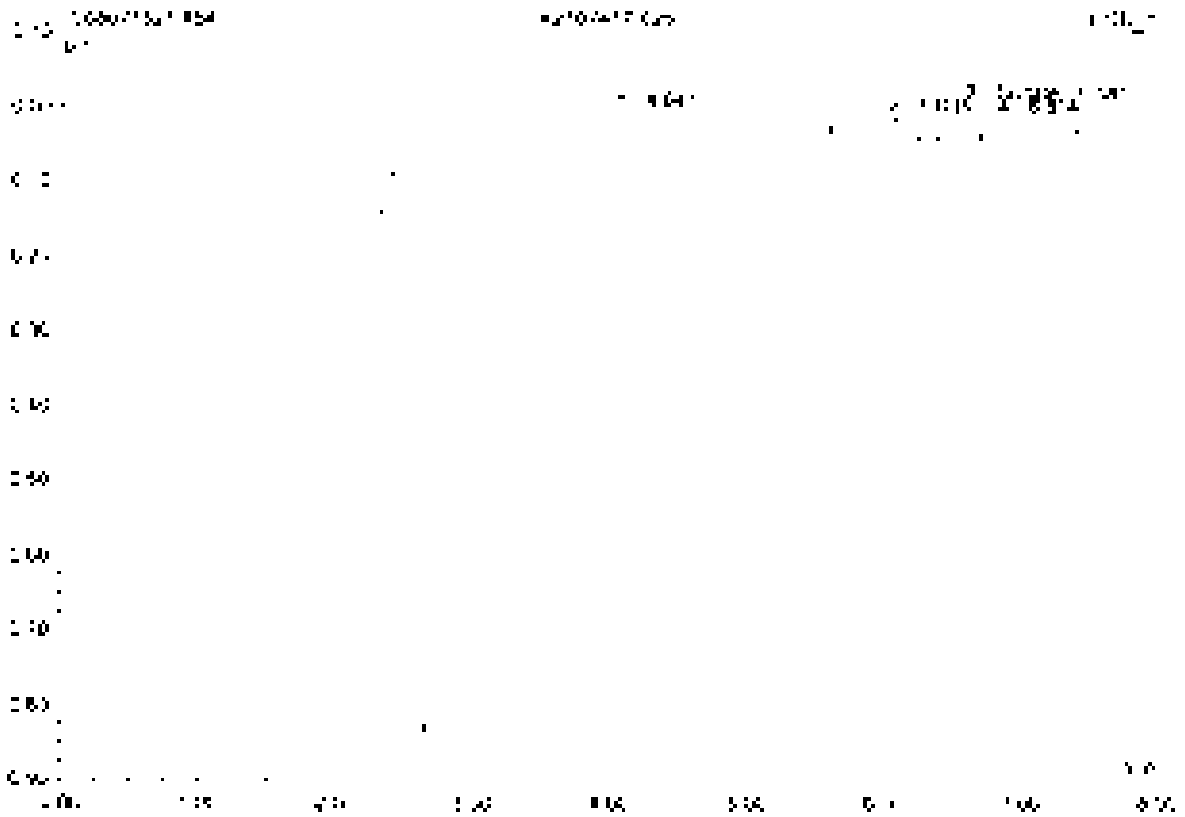


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chloride	0.871	0.825	13.78	4.917	BV B
2	4.95	Bromide	0.035	0.005	0.08	0.144	BV B
3	5.43	Nitrate	0.114	0.025	0.42	0.117	BV B
4	6.28	n.a.	0.047	0.013	0.22	n.a.	BV B
5	6.72	Sulfate	14.121	2.770	46.23	44.976	BMB
Total:			17.189	3.639	100.00	50.155	

54 K2107417-025

CL/SO4

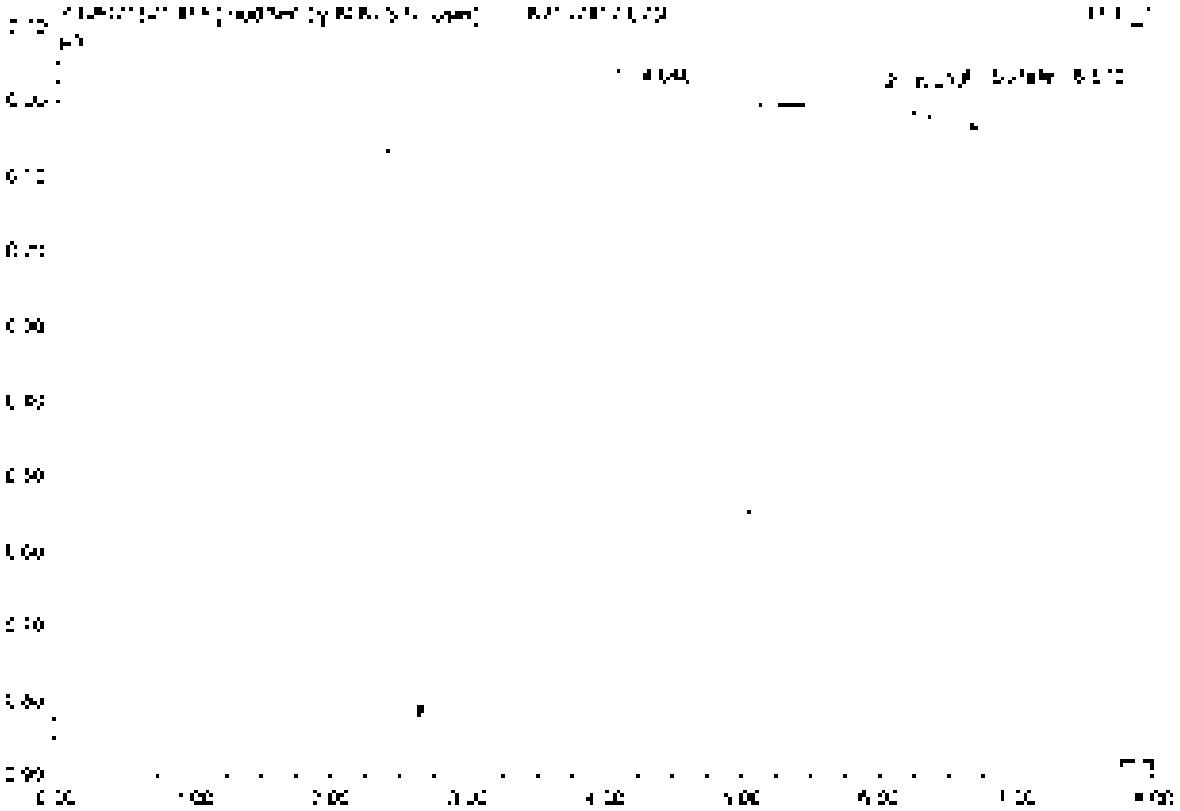
Sample Name	K2107417-025	Injection Volume	25.0
Vial Number	38	Detector	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa500	Bandwidth	n.a.
Control Method	wpa500	Dilution Factor	2.0000
Recording Time	7/15/2021 21:34	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.34	n.a.	0.450	1.025	57.59	n.a.	BMB
2	5.03	n.a.	0.028	0.058	0.32	n.a.	BMB
3	5.53	Sulfate	0.047	0.067	0.63	0.108	BMB
4	5.87	n.a.	0.027	0.009	0.55	n.a.	BMB
Total:			0.550	1.062	100.00	0.108	

55 K2107417-025D

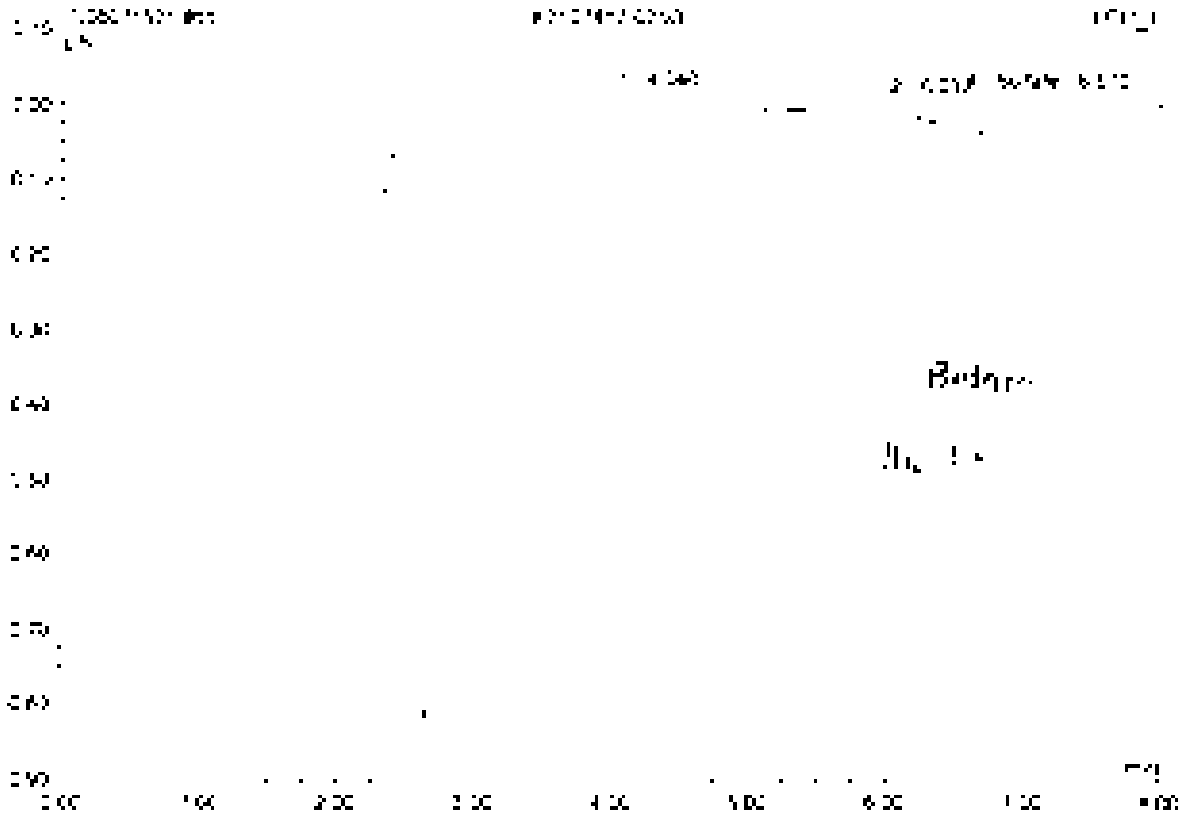
Sample Name	K2107417-025D	Injection Volume	25.0
Vial Number	37	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	2.0000
Recording Time	7/13/2021 21:44	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.06	n.a.	0.087	0.846	97.58	n.a.	BMB*
2	6.06	n.a.	0.023	0.011	1.28	n.a.	BMB
3	6.97	S. lato	0.044	0.006	0.74	0.133	BMB*
Total:			0.453	0.864	100.00	0.133	

55 K2107417-025D

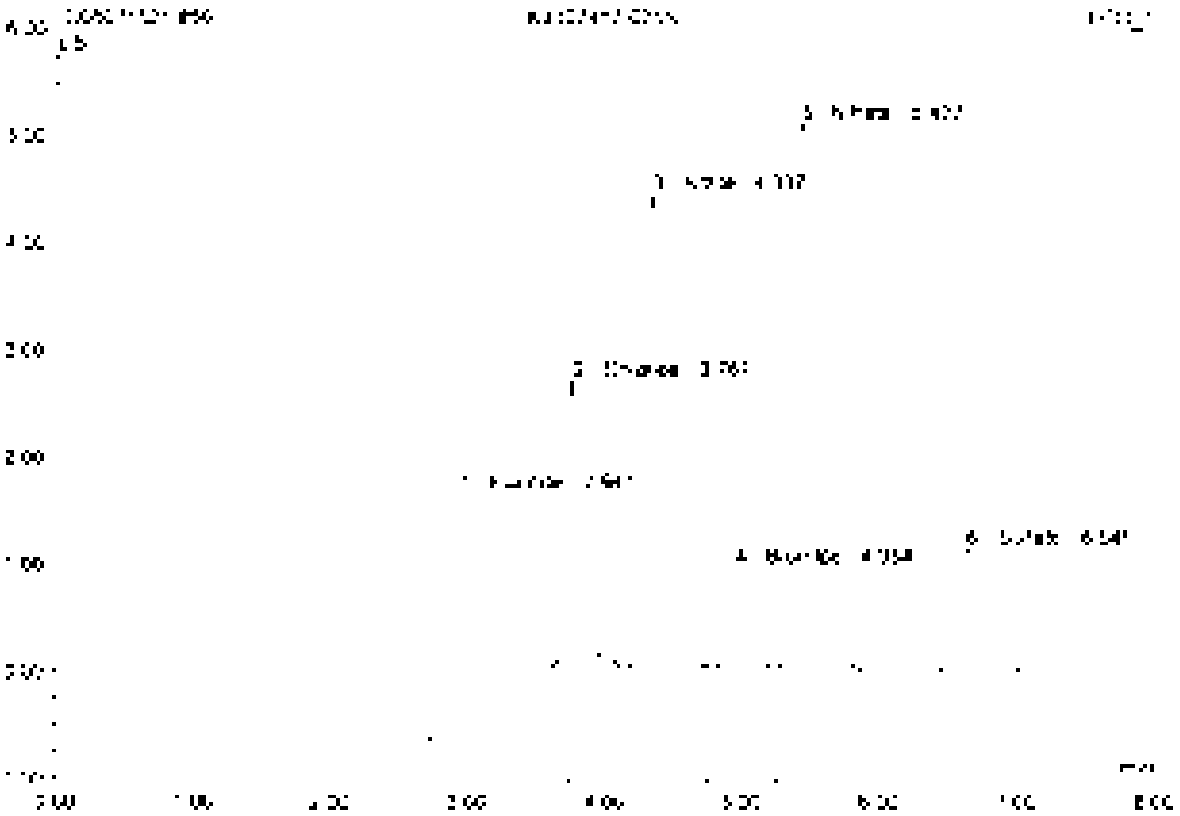
Sample Name	K2107417-025D	Injection Volume	25.0
Vial Number	27	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quantif. Method	spa500	Dilution Factor	2.0000
Recording Time	7/15/2021 21:44	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	n.a.	0.392	0.646	57.80	n.a.	BMB
2	6.04	n.a.	0.027	0.017	1.58	n.a.	BMB
3	8.57	Sulfate	0.030	0.062	0.62	0.129	BaVB
Total:			0.450	0.565	100.00	0.129	

56 K2107417-025S

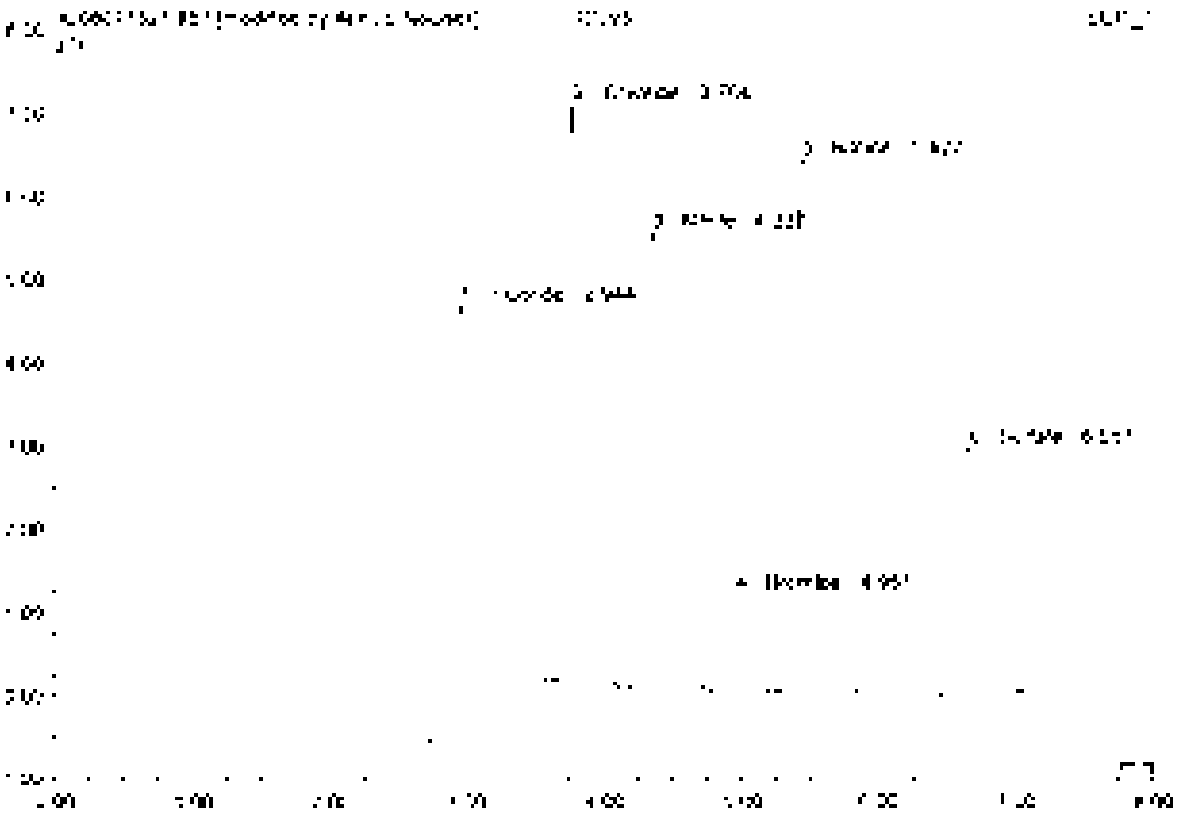
Sample Name	K2107417-025S	Injection Volume	25.0
Vial Number	24	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	4.0000
Recording Time	Tri 5/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	2.145	0.512	2.55	9.742	BMB
2	3.77	Chloride	2.652	0.319	11.26	7.375	BMB
3	4.34	Nitrite	4.432	0.704	24.83	7.514	BMB
4	4.95	Bromide	0.941	0.136	4.56	7.600	BMB
5	5.43	Nitrate	5.027	0.525	29.04	7.845	BMB
6	6.54	Sulfate	1.151	0.226	8.43	7.766	BMB
Total:			16.408	2.532	100.00	42.331	

57 CCV5

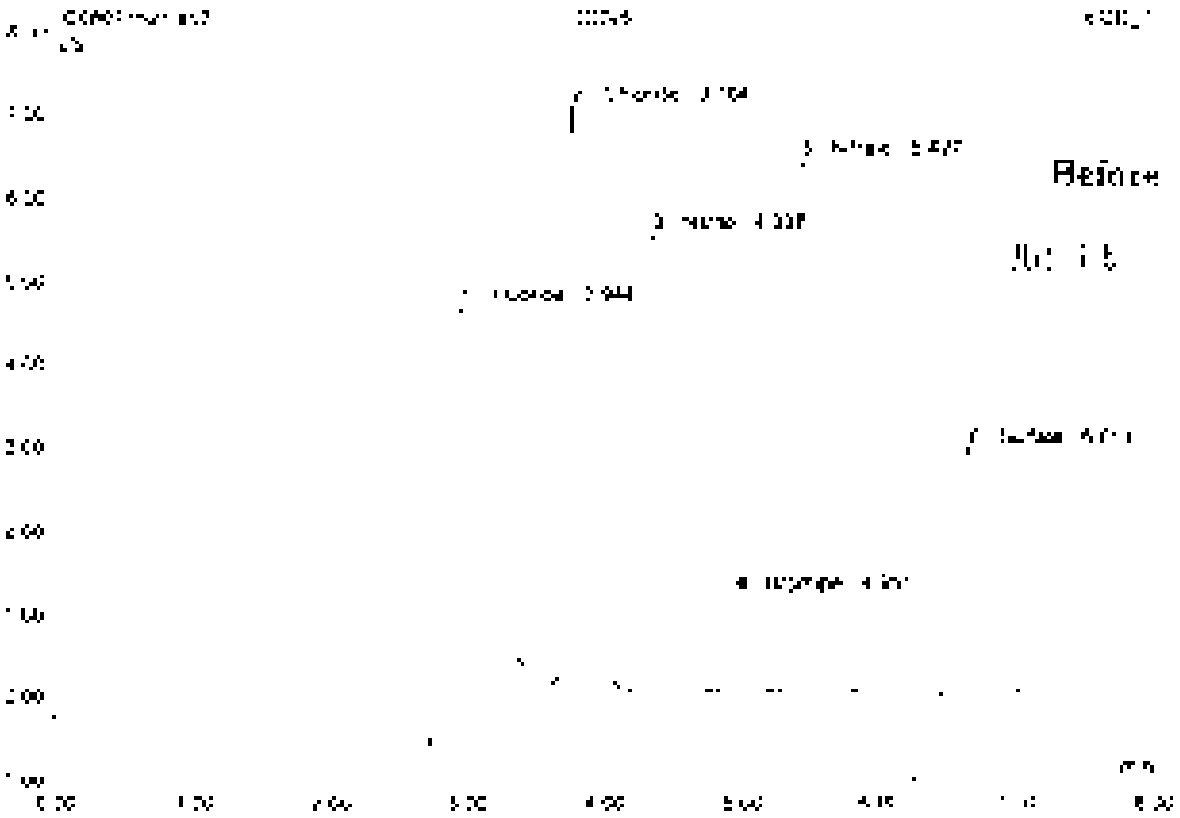
Sample Name	CCV5	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantif. Method	wpa300	Dilution Factor	1.0000
Recording Time	7/15/2021 22:03	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.99	Fluoride	5.375	1.241	26.96	4.940	BMB'
2	3.76	Chloride	6.944	0.802	17.39	4.777	BMB'
3	4.34	Nitrite	5.503	0.575	12.41	2.462	BMB
4	4.95	Bromide	1.168	0.159	3.54	2.377	BMB
5	5.43	Nitrate	5.403	1.039	21.83	2.470	BMB
6	8.85	Sulfate	7.955	0.608	12.78	4.940	BMB
Total:			28.351	4.760	100.00	21.966	

57 CCV5

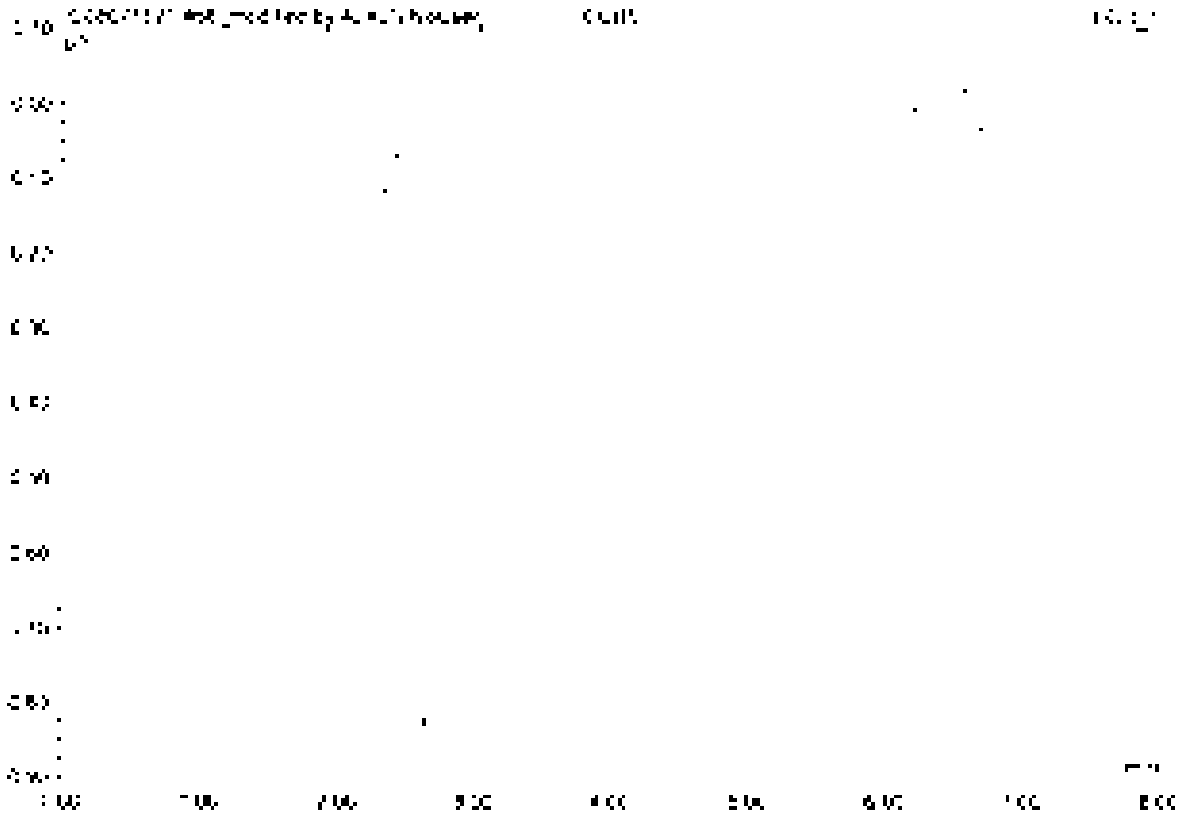
Sample Name	CCV5	Injection Volume	25.0
Vial Number	46	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	7/14/2021 22:05	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	5.000	1.278	20.64	5.085	BMB
2	3.70	Chloride	6.944	0.827	13.28	4.777	BMB
3	4.34	Nitrite	5.503	0.848	13.26	2.462	BMB
4	4.95	Phosphate	[illegible]	[illegible]	[illegible]	2.377	BMB
5	5.43	Nitrate	6.433	[illegible]	21.66	2.430	BMB
6	6.85	Sulfate	2.955	0.808	12.68	4.340	BMB
Total:			28.574	[illegible]	100.00	22.114	

58 CCB5

Sample Name	CCB4	Injection Volume	15.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/15/2021 22:13	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



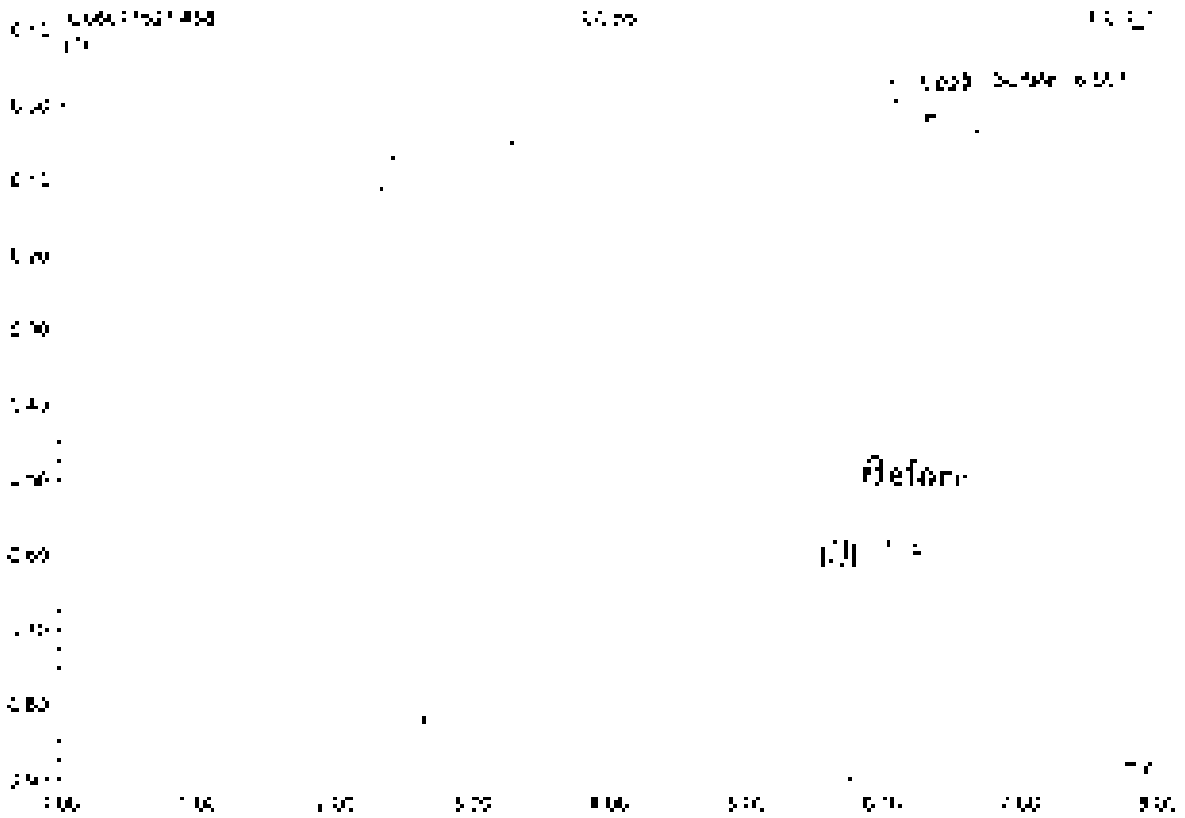
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

Delta_Integration

Chromeleon ICS Series 1998-2005
Version 6.80 SR1 Build 3302 (1962/s1)

58 CCB5

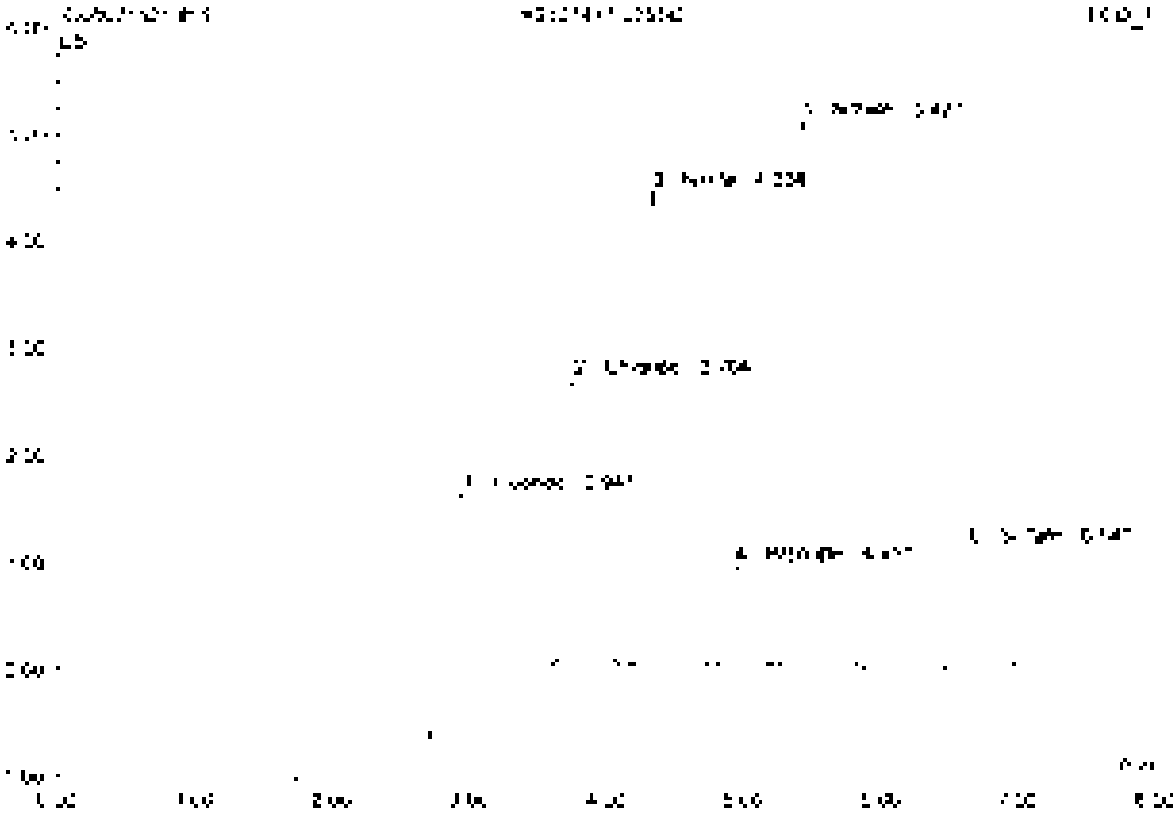
Sample Name	CCB5	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Device Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	7/15/2021 22:13	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.03	n.a.	0.097	1.33	99.45	n.a.	BMb
2	6.57	Sulfate	0.007	0.007	0.55	0.000	bMB
Total:			0.108	1.358	100.00	0.000	

59 K2107417-025SD

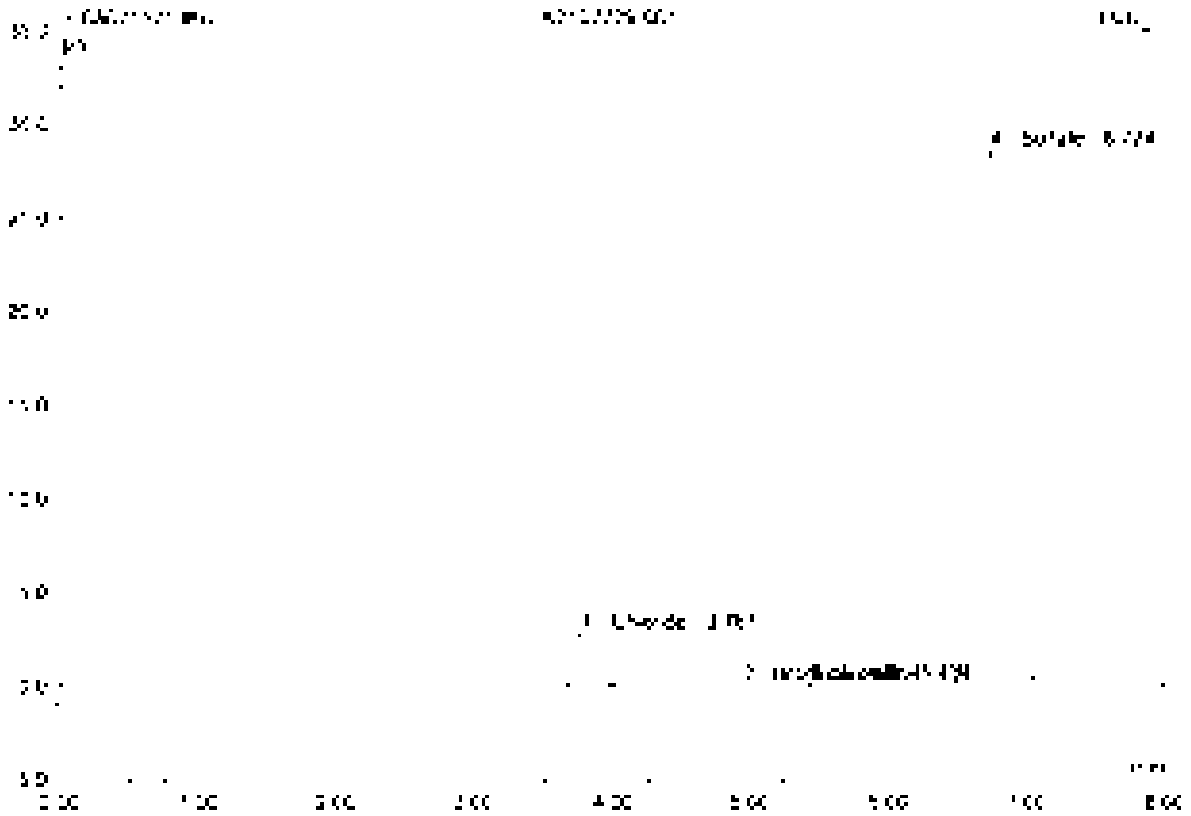
Sample Name	K2107417-025SD	Injection Volume	35.0
Vial Number	39	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	4.0000
Acquisition Time	7/15/2021 22:33	Sample Weight	1.0000
Run Time (min.)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	2[illegible]0	0.608	21.38	9.678	BMB
2	3.76	Chloride	2.651	0.321	11.30	7.421	BMB
3	4.39	Nitrite	4.880	0.707	24.89	7.949	BMB
4	4.95	Bromide	0.940	0.136	4.79	7.680	BMB
5	5.43	Nitrate	5.100	0.830	29.15	7.887	BMB
6	6.64	Sulfate	1.151	0.240	8.44	7.786	BMB
Total			16.814	2.842	100.00	48.402	

60 K2107729-001

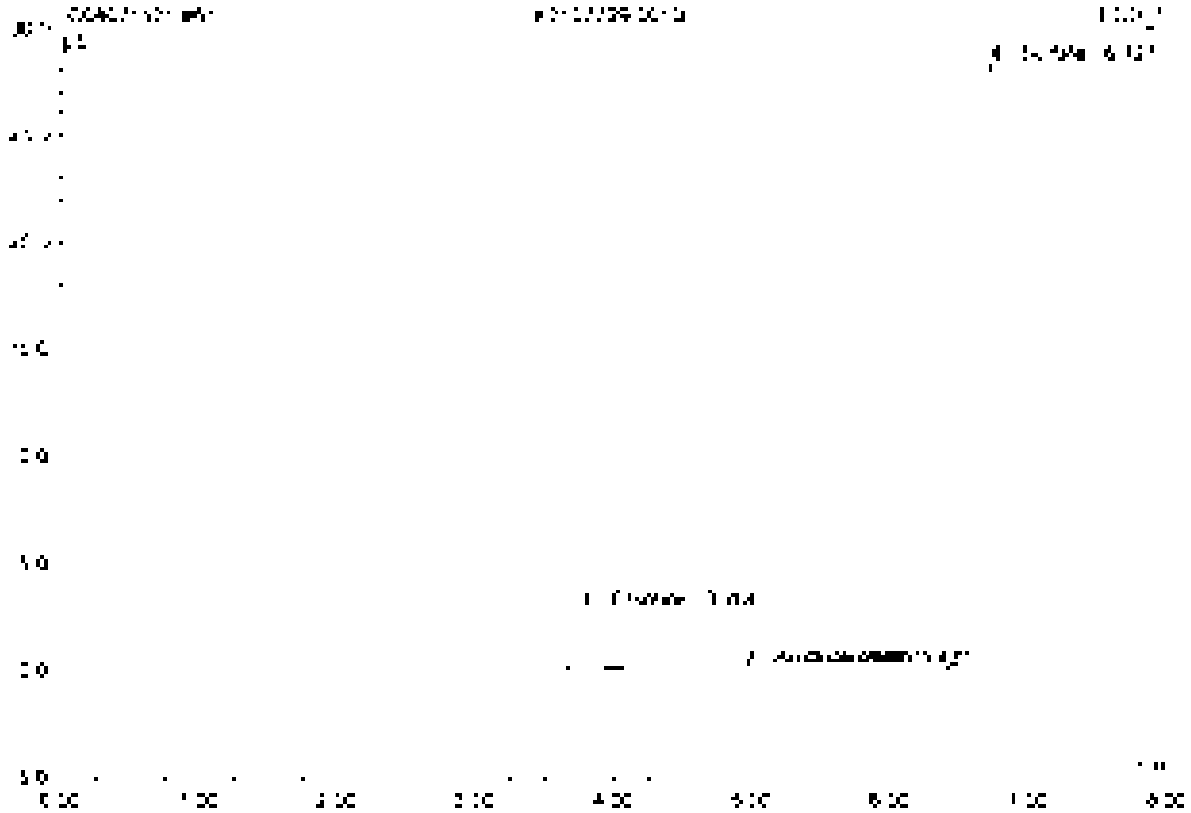
Sample Name	K2107729-001	Injection Volume	25.0
Vial Number	40	Column	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/15/2021 22:33	Sample Weight	1.0000
Run Comment	# 00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.77	Chloride	2.781	0.342	5.50	2.945	BV8
2	4.55	Bromide	0.038	0.006	0.10	0.157	BV8
3	5.40	Nitrate	0.051	0.015	0.25	0.072	BV8
4	6.02	Sulfate	28.361	5.756	94.06	51.363	BV8
Total:			31.215	6.119	100.00	57.547	

61 K2107729-001D

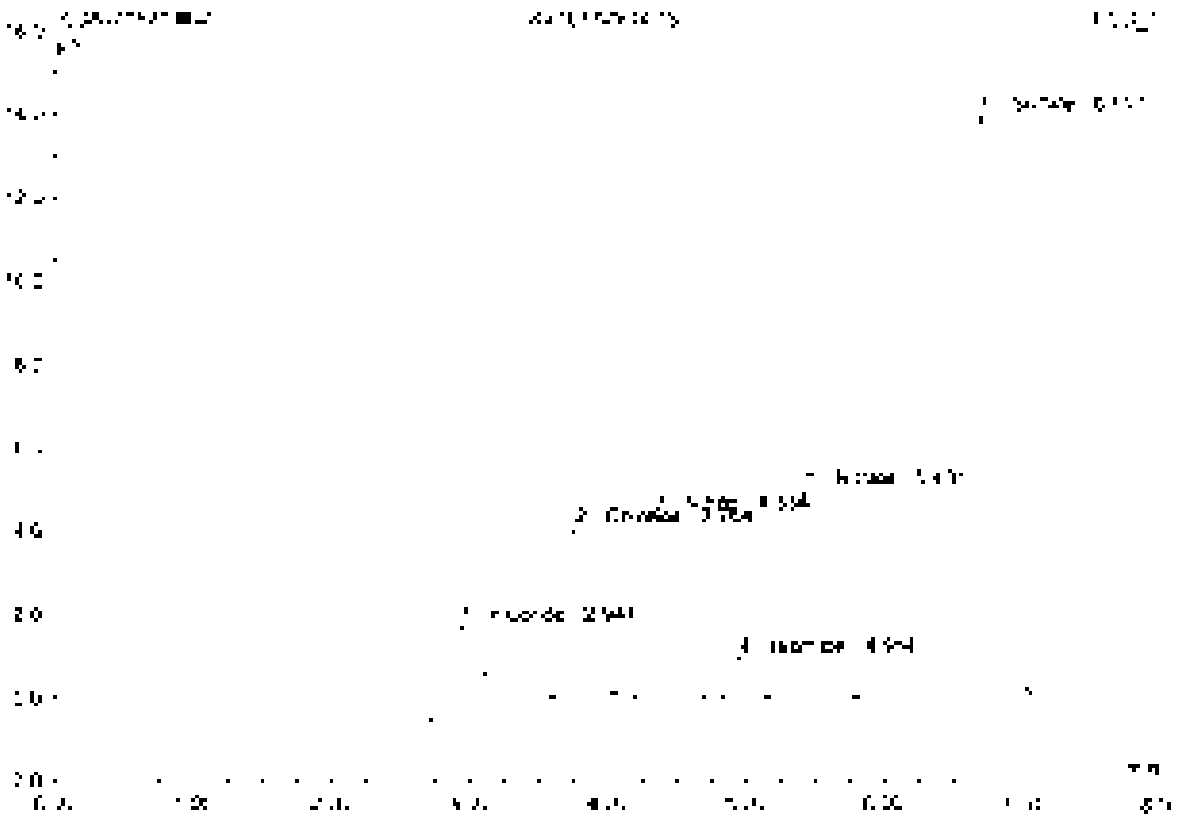
Sample Name	K2107729-001D	Injection Volume	15.0
Vial Number	41	Column	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	3.0000
Recording Time	7/15/2021 22:42	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.78	Chloride	2.758	0.239	5.60	3.564	BMB
2	4.95	Bromide	0.038	0.005	0.11	0.180	BMB
3	5.40	Nitrate	0.056	0.013	0.22	0.092	BMB
4	6.72	Sulfate	27.994	5.680	94.08	92.215	BMB
Total			30.840	6.037	100.00	96.052	

52 K2107729-001S

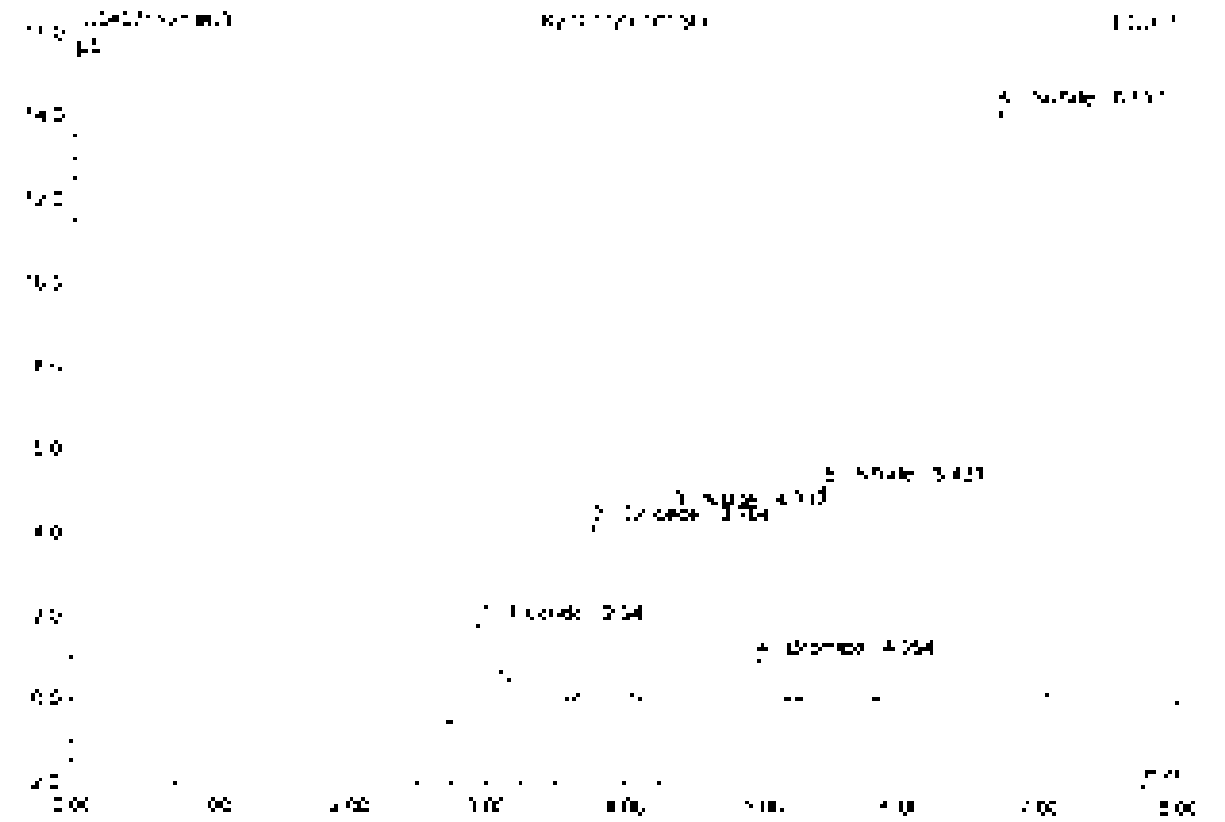
Sample Name	K2107729-001S	Injection Volume	25.0
Vial Number	42	Channel	EGD 1
Sample Type	unknown	Wavelength	n.a
Control Program	epa300	Bandwidth	n.a
Quantif. Method	epa300	Dilution Factor	4.0000
Recording Time	7/16/2021 23:52	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.54	Fluoride	2.772	0.001	10.74	9.570	BMB
2	3.16	Chloride	4.038	1.485	5.67	17.202	BVB
3	4.33	Nitrite	4.385	0.696	12.42	7.812	BMB
4	4.66	Bromide	0.941	0.135	2.44	7.693	BMB
5	5.43	Nitrate	4.505	0.818	14.63	7.779	BMB
6	6.69	Sulfate	53.897	2.859	51.10	92.829	BVB
Total:			30.438	5.594	100.00	136.885	

63 K2107729-001SD

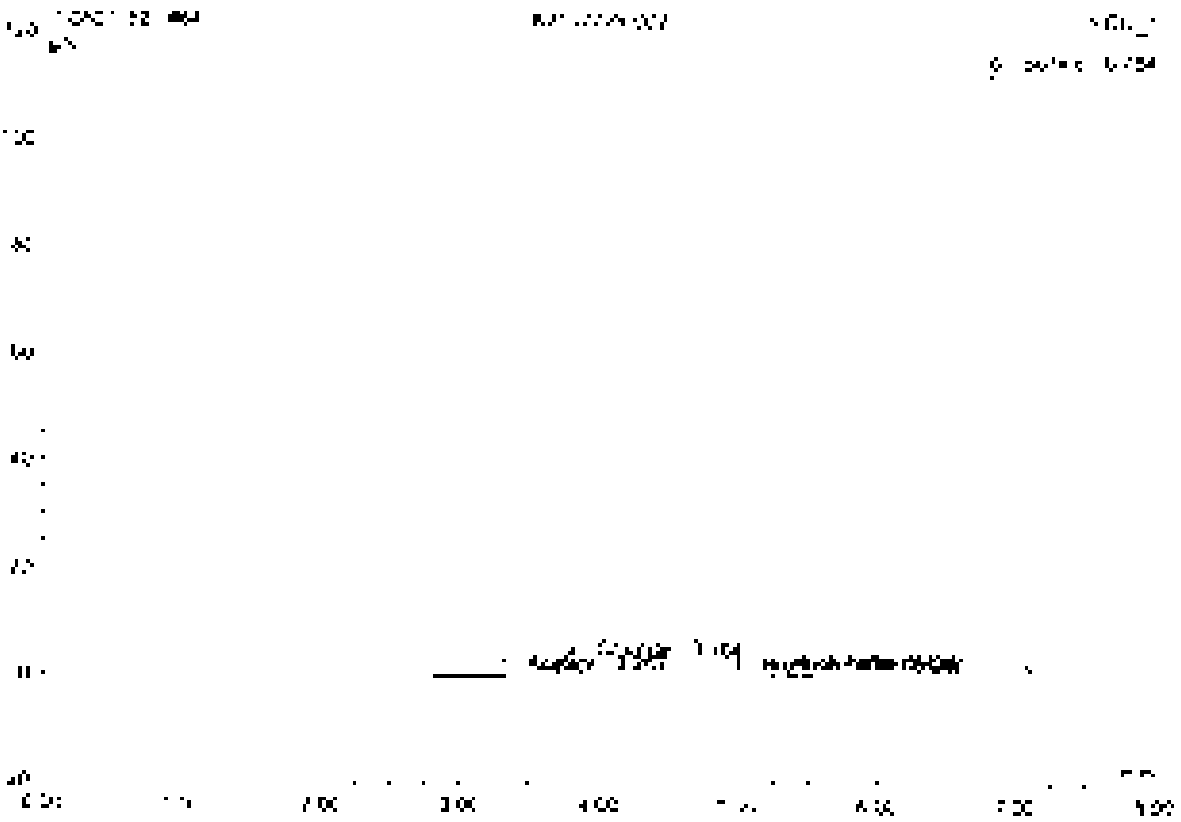
Sample Name	K2107729-001SD	Injection Volume	25.0
Vial Number	43	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	4.0000
Injection Time	7/15/2021 23:03	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.84	Fluoride	2.248	0.015	0.50	9.253	BMB
2	3.76	Chloride	4.180	0.495	0.71	11.528	BMB
3	4.34	Nitrite	4.515	0.175	12.46	8.033	BMB
4	4.95	Bromide	0.566	0.140	2.45	7.902	BMB
5	5.41	Nitrate	5.145	0.344	14.74	8.029	BMB
6	6.65	Sulfate	14.100	2.510	50.82	94.486	BMB
Total			31.113	3.726	100.00	139.826	

64 K2107729-002

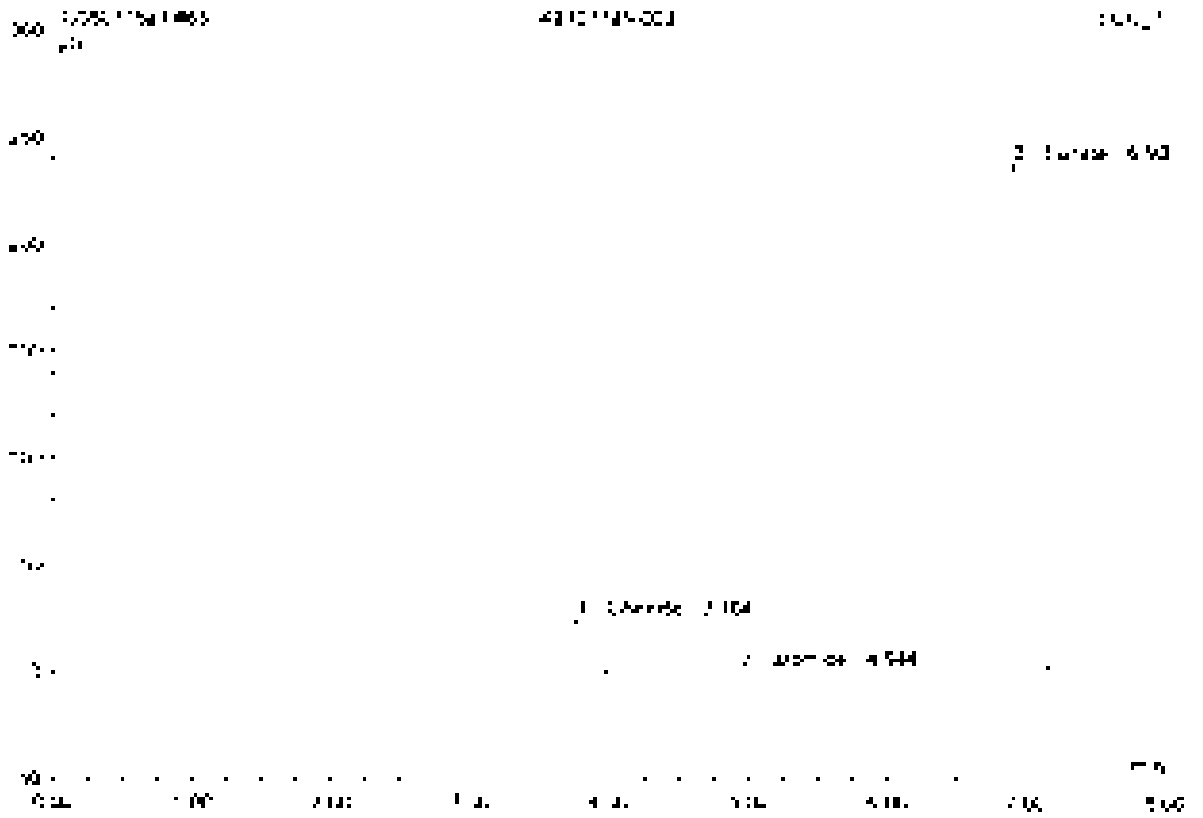
Sample Name	K2107729-002	Injection Volume	25.0
Vial Number	64	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	01152021 23:11	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.27	Acetate	0.292	0.207	0.55	n.a.	BMB
2	3.76	Chloride	2.811	0.341	0.91	3.540	bVB
3	4.94	Bromide	0.039	0.006	0.02	0.151	BMB
4	5.42	Nitrate	0.495	0.081	0.22	0.387	BMb
5	6.05	n.a.	0.067	0.009	0.02	n.a.	BMB
6	6.78	Sulfate	111.615	36.696	98.27	564.330	bVB
Total:			115.319	37.310	100.00	568.819	

65 K2107729-003

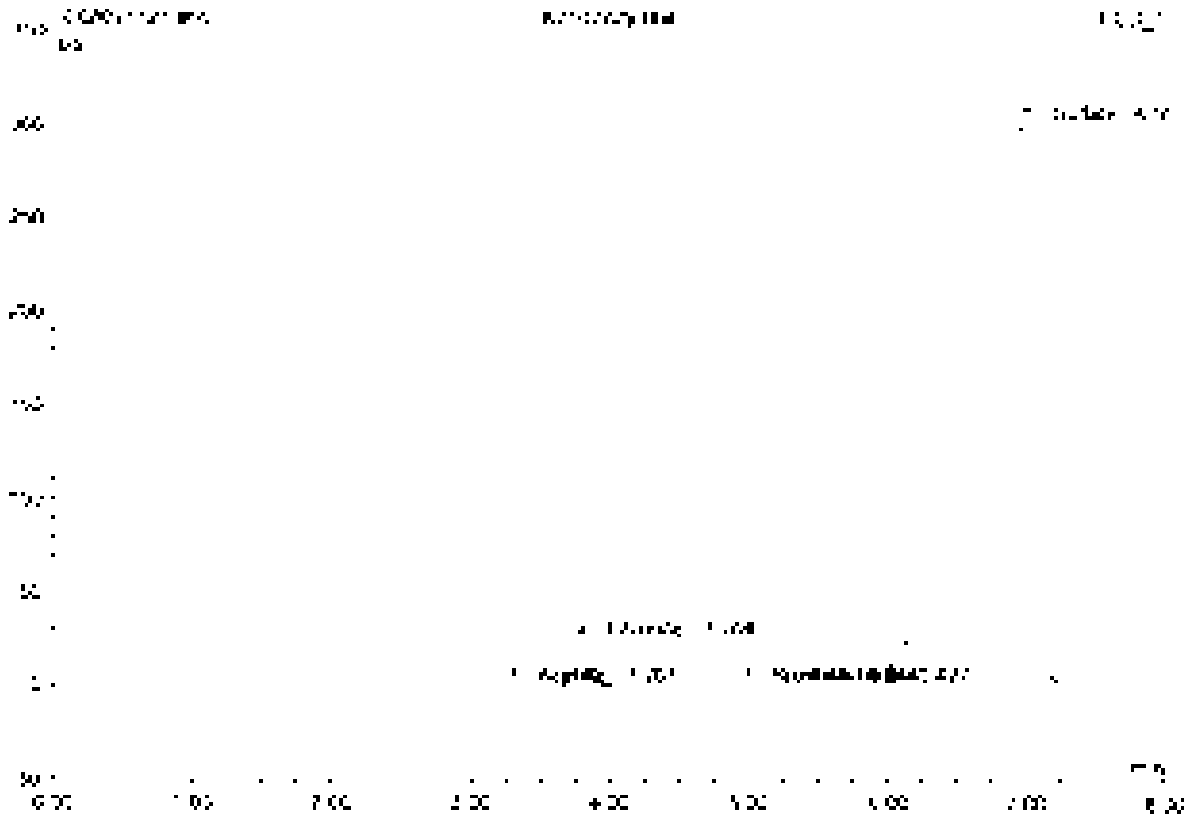
Sample Name	K2107729-003	Injection Volume	25.0
Vial Number	45	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	2.0000
Recording Time	7/15/2021 20:21	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chloride	24.545	2.891	3.25	33.430	BVB
2	4.96	Bromide	0.147	0.023	0.03	0.650	BMB
3	6.93	Sulfate	234.442	85.819	96.72	1396.3[illegible]	BMB
Total:			259.234	88.934	100.00	1430.555	

66 K2107729-004

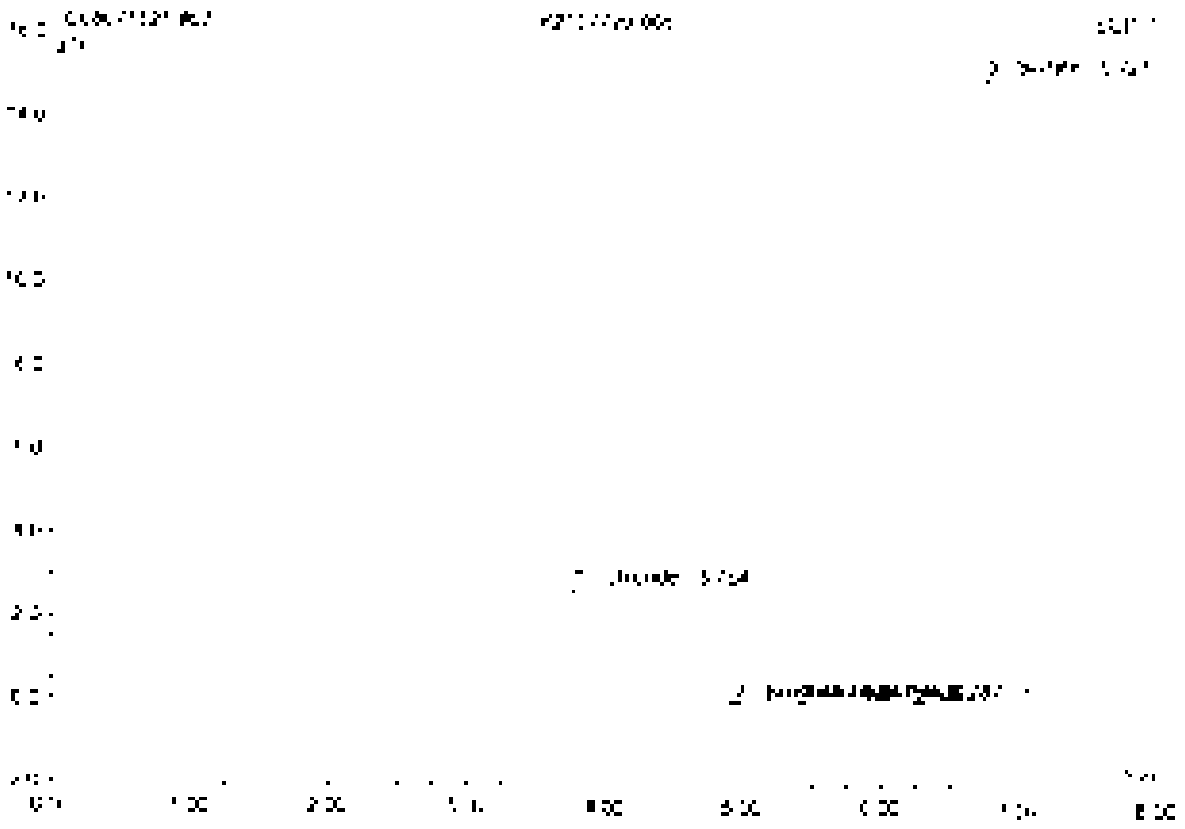
Sample Name	K2107729-004	Injection Volume	25.0
Vial Number	59	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	7/15/2021 21:30	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.25	Acetate	0.172	0.139	0.10	n.a.	BMB
2	3.16	Chloride	25.141	2.960	2.69	34.185	BMB
3	4.94	Bromide	0.144	0.022	0.02	0.512	BMB
4	5.45	Nitrate	0.137	0.026	0.02	0.124	BMB
5	6.95	Sulfate	292.527	109.454	97.23	1777.153	BMB
Total:			318.316	112.570	100.00	1812.052	

67 K2107729-005

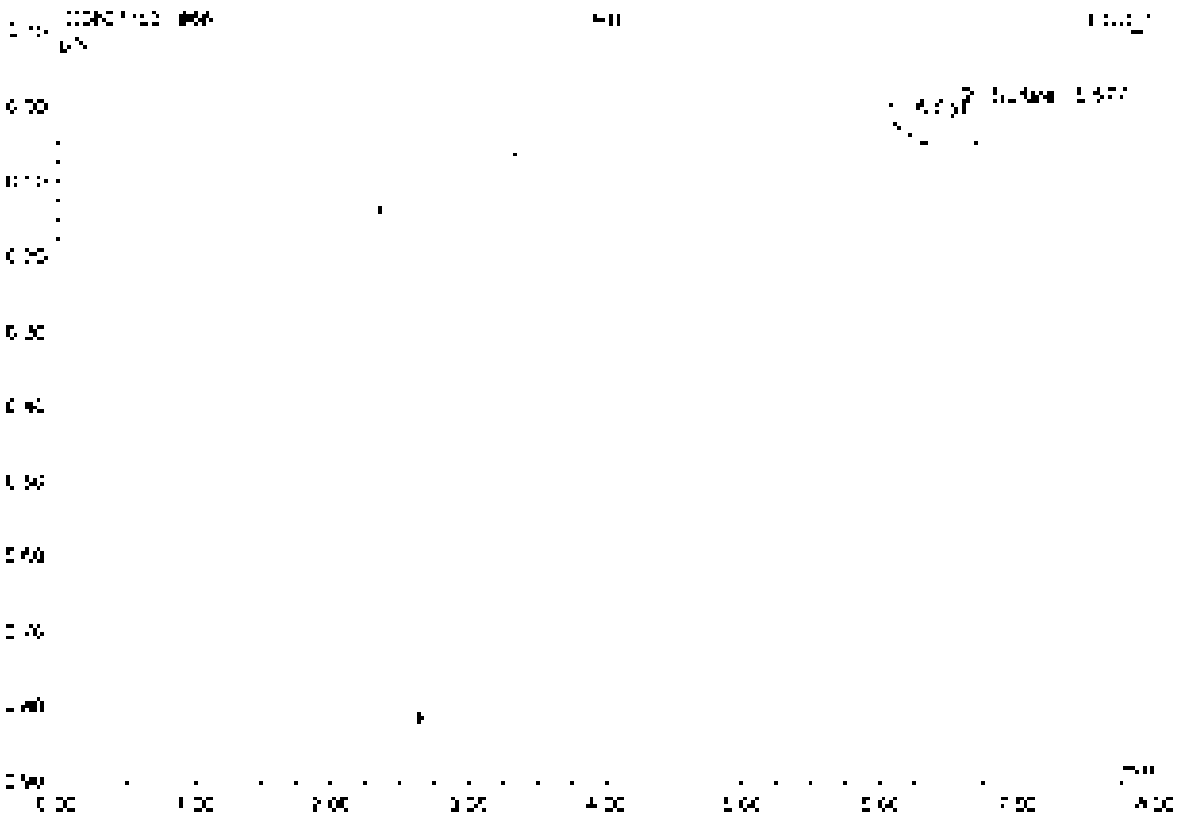
Sample Name	K2107729-005	Injection Volume	35.0
Vial Number	3	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/15/2021 23:40	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.75	Chloride	2.757	0.347	10.25	3.943	BVB
2	4.55	Bromide	0.038	0.006	0.17	0.150	BVB
3	5.43	Nitrate	0.052	0.015	0.57	0.390	BVB
4	6.24	[illegible]	0.046	0.072	0.36	[illegible]	BVB
5	6.72	Sulfate	16.586	2.554	88.66	47.262	BVB
Total:			17.500	3.002	100.00	52.150	

6# RB

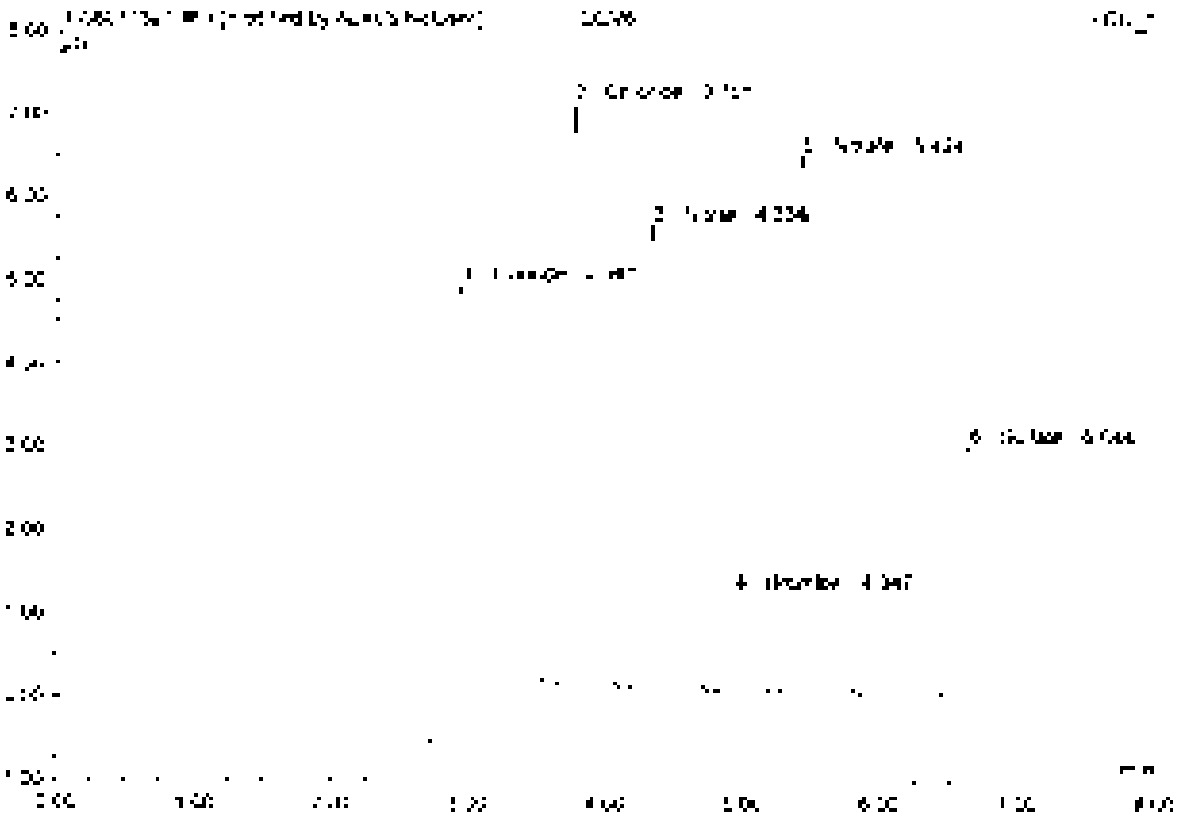
Sample Name	RB	Injection Volume	25.0
Inj Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Acquisition Time	Tri 5/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



Inj	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	5.04	n.a.	0.090	[illegible].026	99.50	n.a.	BMB
2	6.58	Sulfate	0.049	0.007	0.50	0.054	SVB
Total			0.138	[illegible].033	100.00	0.054	

69 CCV6

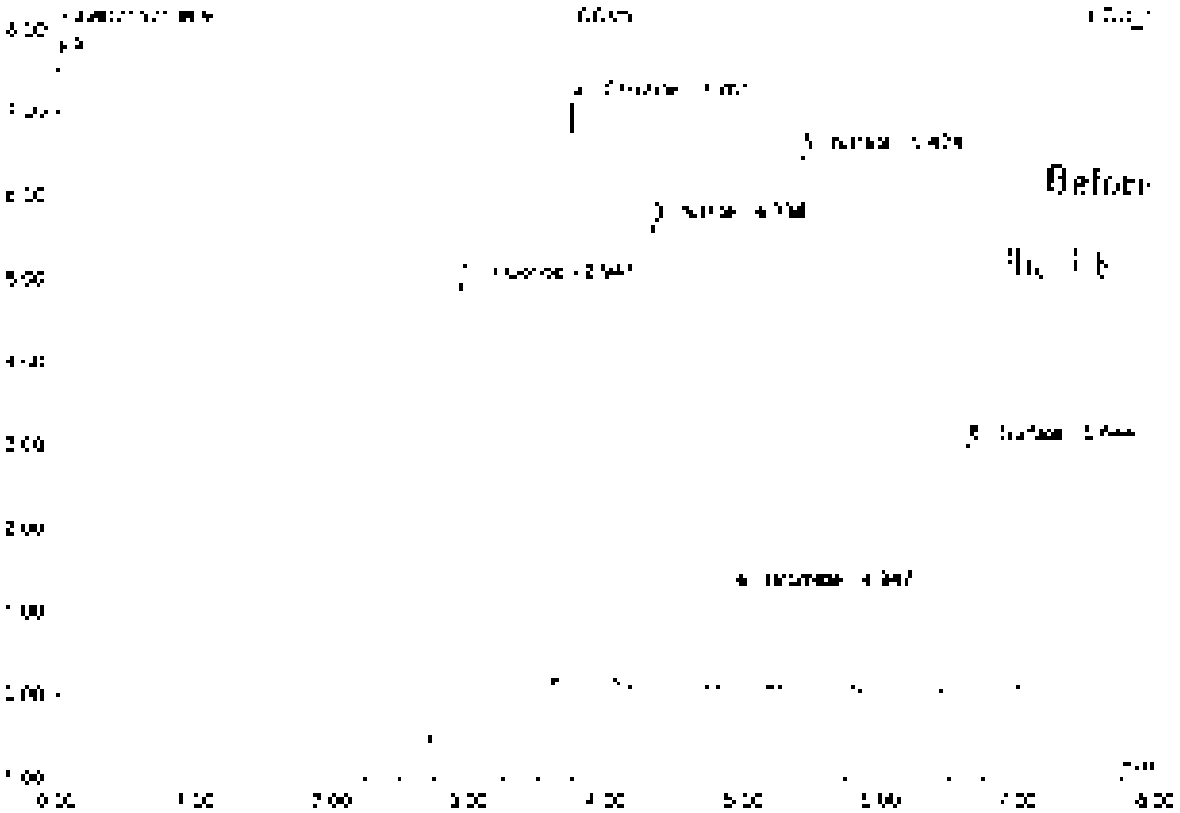
Sample Name	CCV6	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	7/16/2021 0:00	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	5.310	[illegible]	20.25	[illegible]	BMB
2	3.75	Chloride	6.387	[illegible]	[illegible]	[illegible]	BMB
3	4.33	Nitrite	5.528	[illegible]	[illegible]	[illegible]	BMB
4	4.95	Bromide	1.178	[illegible]	3.56	[illegible]	BMB
5	5.42	Nitrate	5.445	[illegible]	21.36	[illegible]	BMB
6	6.54	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	[illegible]	22.047	

69 CCV6

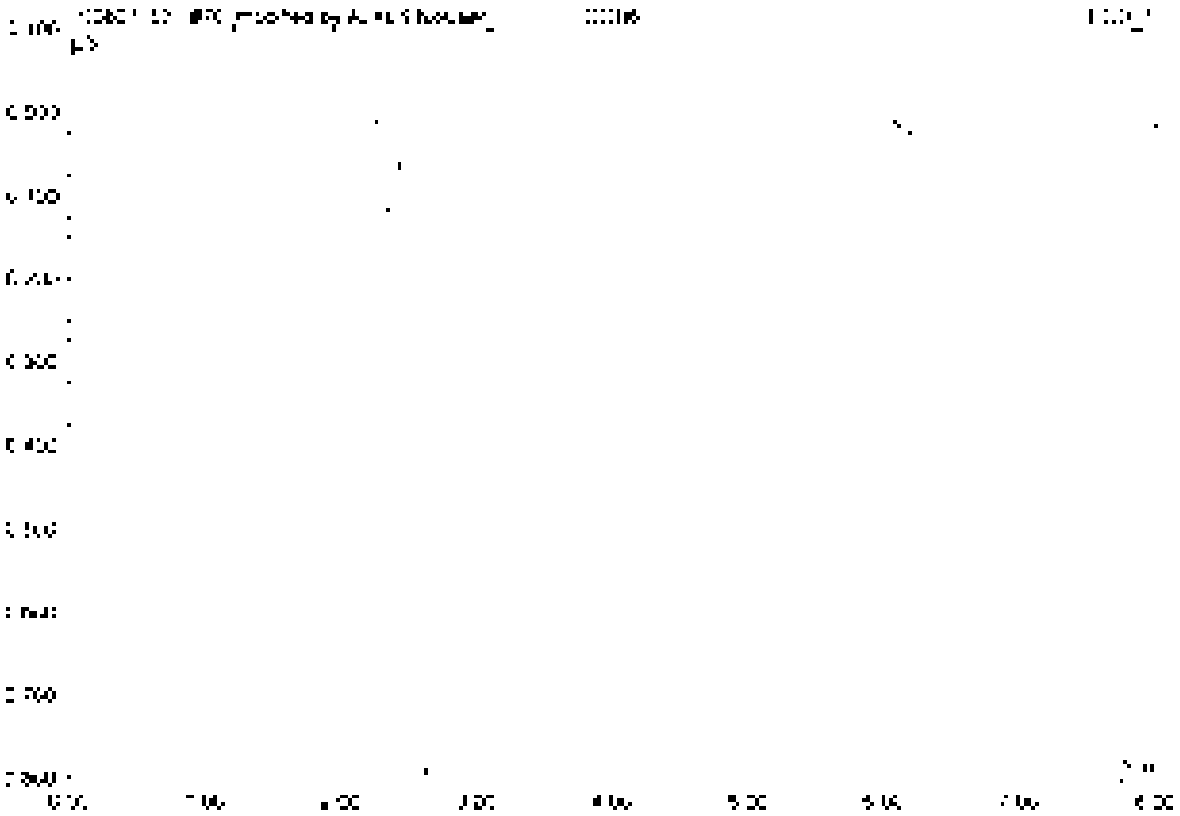
Sample Name	CCV6	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	7/14/2021 0:00	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.94	Fluoride	5.368	1.308	27.07	5.208	BMB
2	3.70	Chloride	6.981	0.827	17.12	4.779	BMB
3	4.31	Nitrite	5.589	0.879	18.19	2.470	BMB
4	4.95	Bromide	[illegible]	0.[illegible]	[illegible]	2.097	BMB
5	5.42	Nitrate	6.465	1.041	21.53	2.474	BMB
6	6.64	Sulfate	2.971	0.608	12.57	4.933	BMB
Total			22.511	4.833	100.00	22.350	

70 CCB6

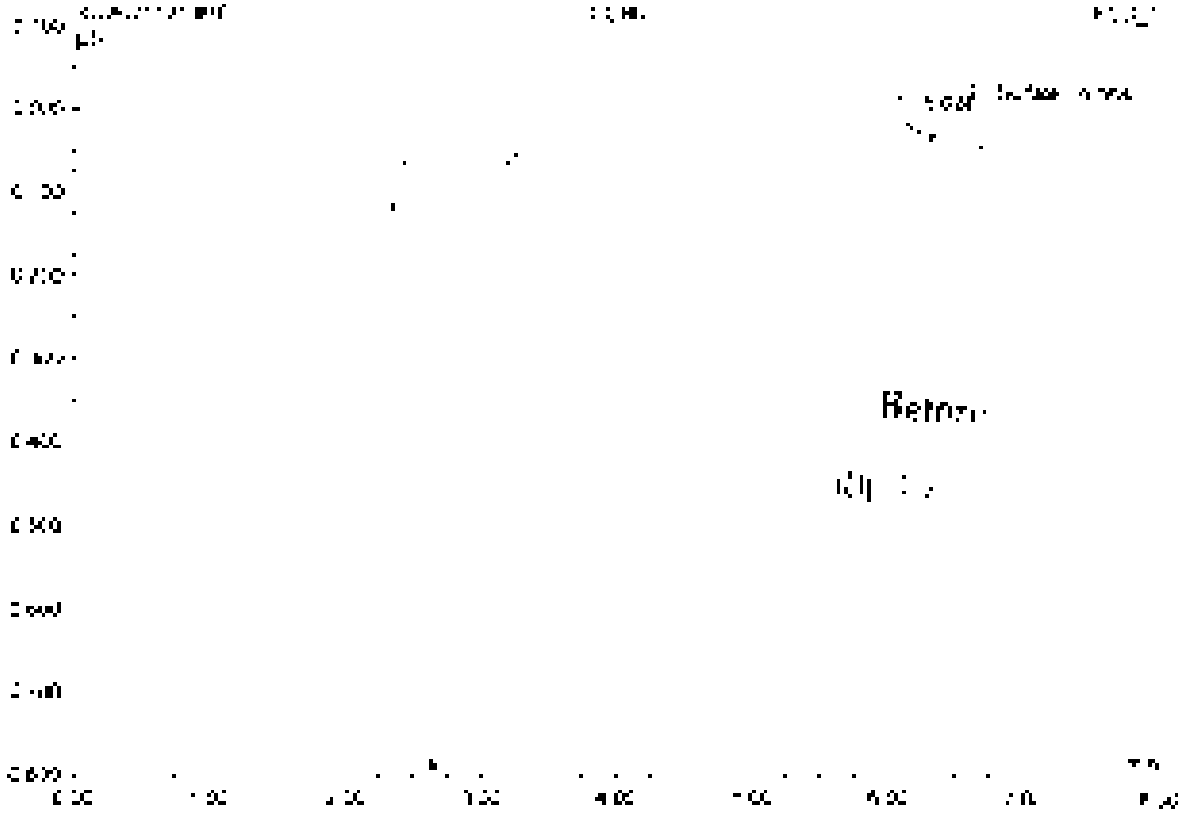
Sample Name	CCB6	Injection Volume	25.0
Vial Number	49	Column	ECO II
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantif. Method	wpa300	Dilution Factor	1.0000
Processing Time	7/16/2021 8:10	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total			0.000	0.000	0.00	0.000	

70 CCB5

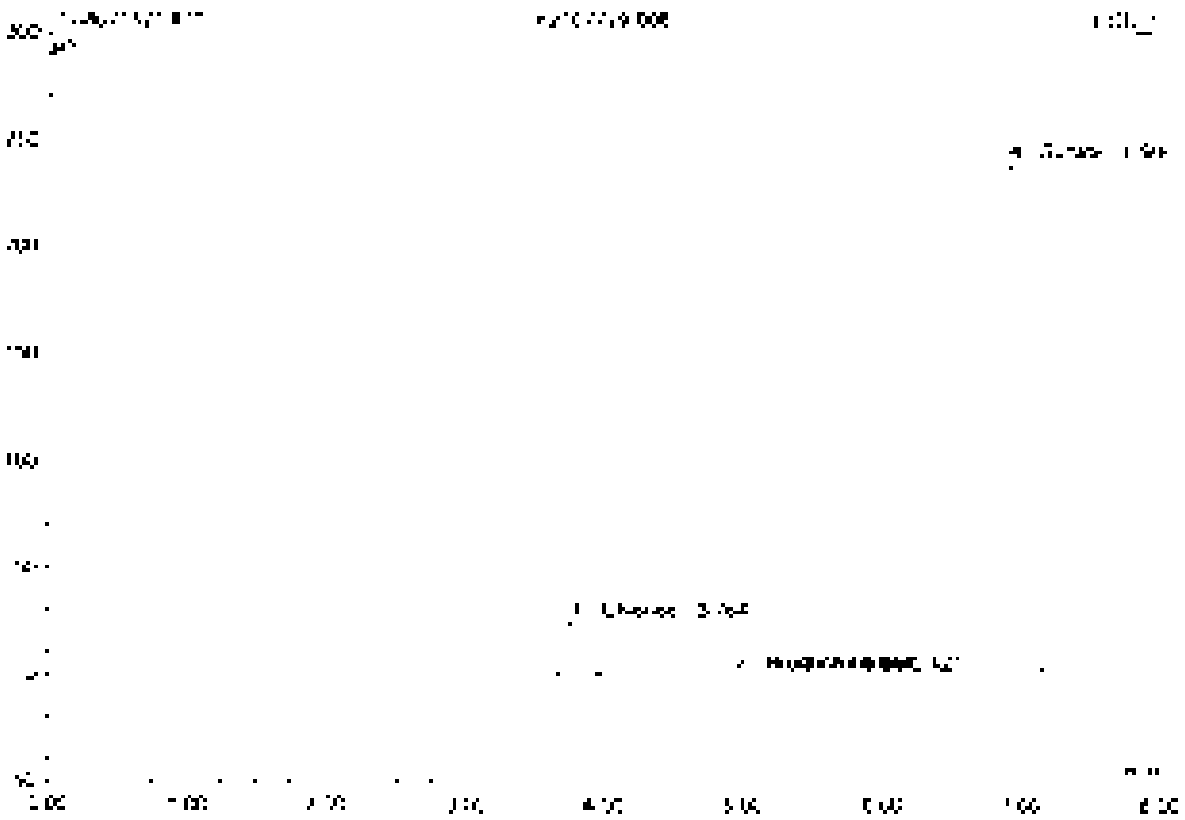
Sample Name	CCB5	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	7/16/2021 9:19	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.03	n.a.	0.955	1.297	99.39	n.a.	BMB
2	6.66	S. Inst.	0.949	0.008	0.61	0.001	BMB
Total:			1.134	1.305	100.00	0.005	

71 K2107729-006

Sample Name	K2107729-006	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	7/15/2021 0:20	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



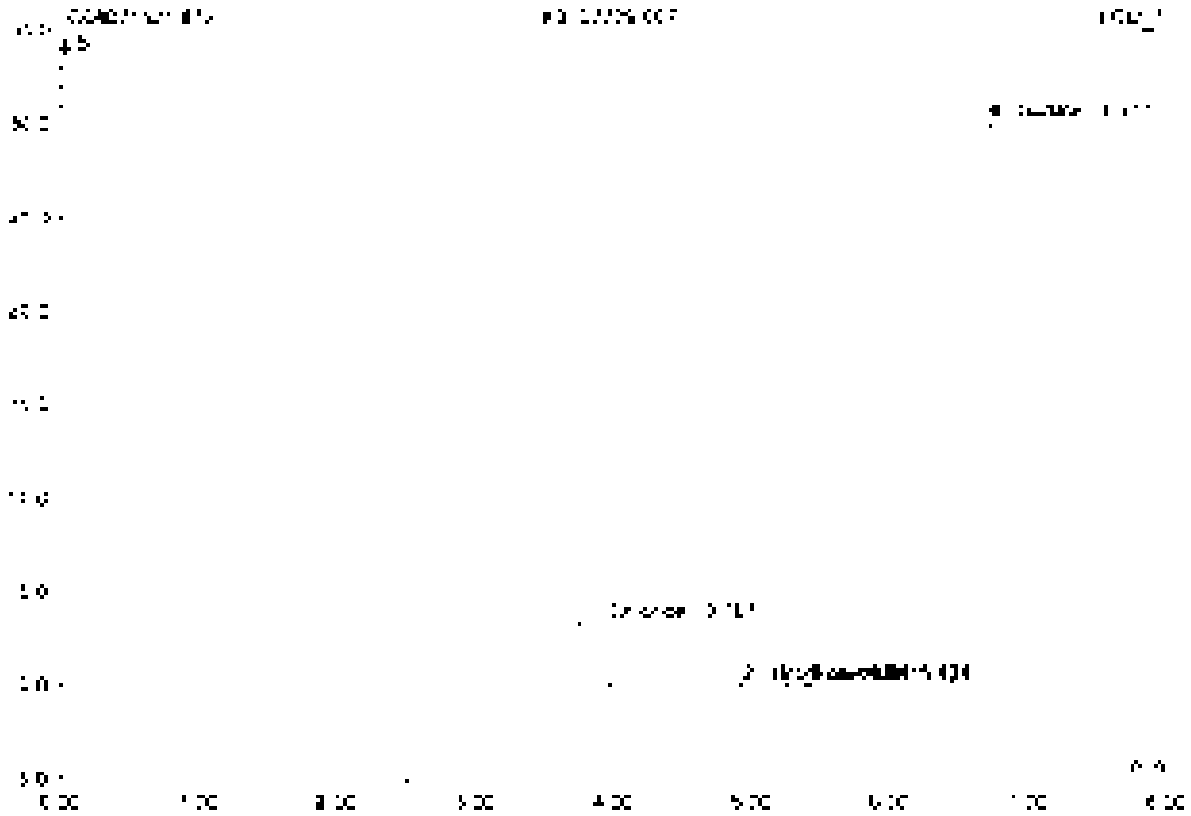
No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.76	Chloride	24.828	2.971	3.32	32.747	BV B
2	4.96	Bromide	0.141	0.022	0.02	0.207	BV B
3	5.42	Nitrate	0.142	0.024	0.03	0.314	BV B
4	6.90	Sulfate	237.285	84.950	96.63	1,079.292	BV B
Total:			262.396	87.916	100.00	1,112.556	

Delay Integration

Chromeleon: Dionex 1996-2006
Version 6.80 SP1 build 3302 (1962)

72 K2107729-007

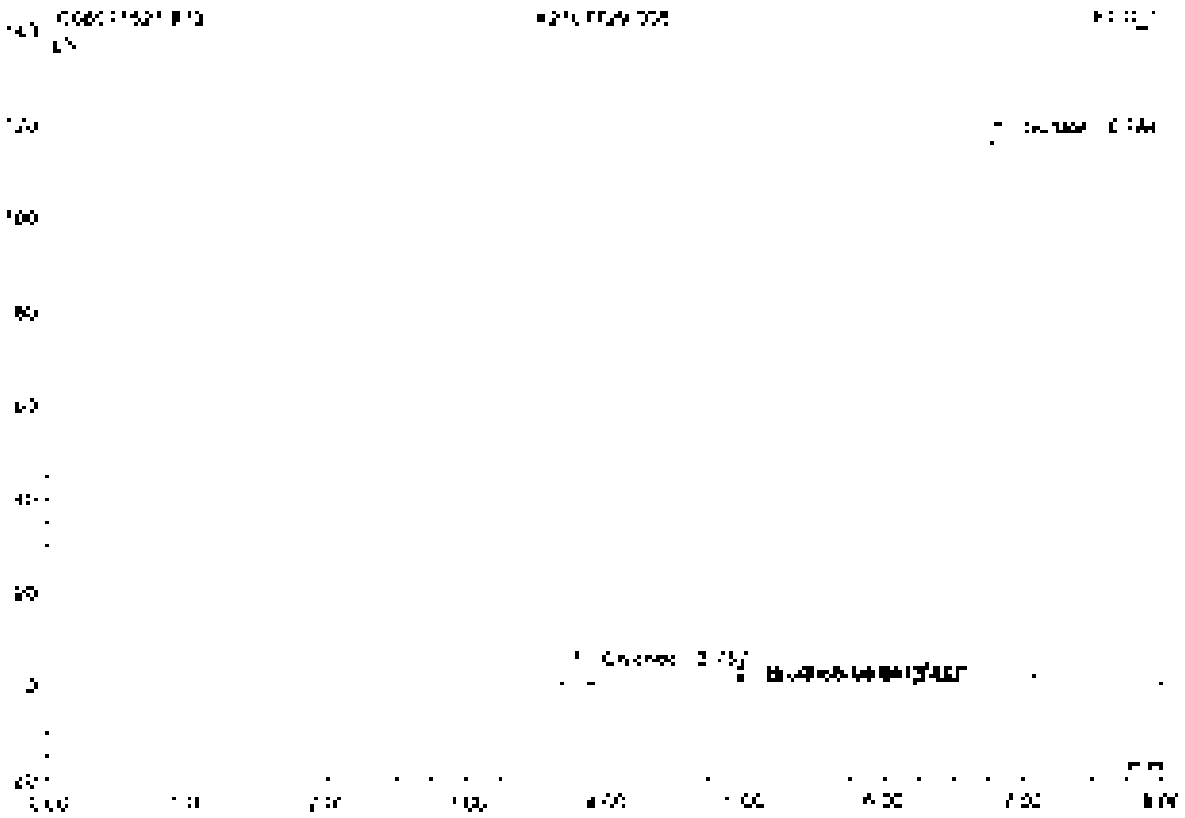
Sample Name	K2107729-007	Injection Volume	25.0
Vial Number	5	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/16/2021 0:30	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.75	Chloride	3.391	0.413	6.22	4.772	BV B
2	4.54	Bromide	0.045	0.009	0.13	0.242	BV B
3	5.42	Nitrate	0.074	0.015	0.23	0.071	BV B
4	6.71	Sulfate	25.827	6.204	93.42	100.725	BV B
Total			32.337	6.640	100.00	105.812	

73 K2107729-008

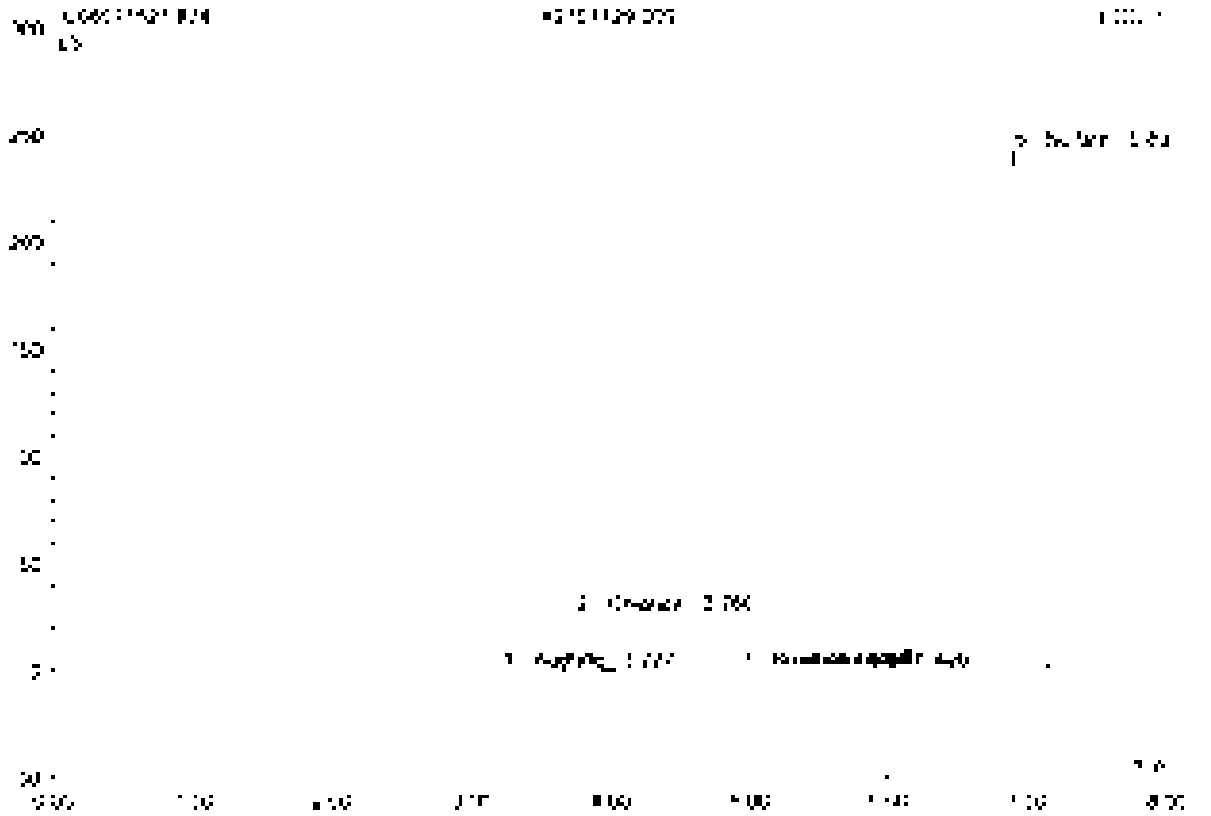
Sample Name	K2107729-008	Injection Volume	25.0
Vial Number	6	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	7/16/2021 0:33	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.70	Chloride	0.126	0.326	1.00	4.461	BVB
2	4.94	Bromide	0.039	0.007	0.02	0.194	BVB
3	5.47	Nitrate	0.111	0.012	0.05	0.067	BVB
4	6.04	n.a.	0.066	0.005	0.02	n.a.	BVB
5	5.78	Sulfate	115.502	38.042	98.91	618.174	BVB
Total:			116.895	38.450	100.00	622.916	

74 K2107729-009

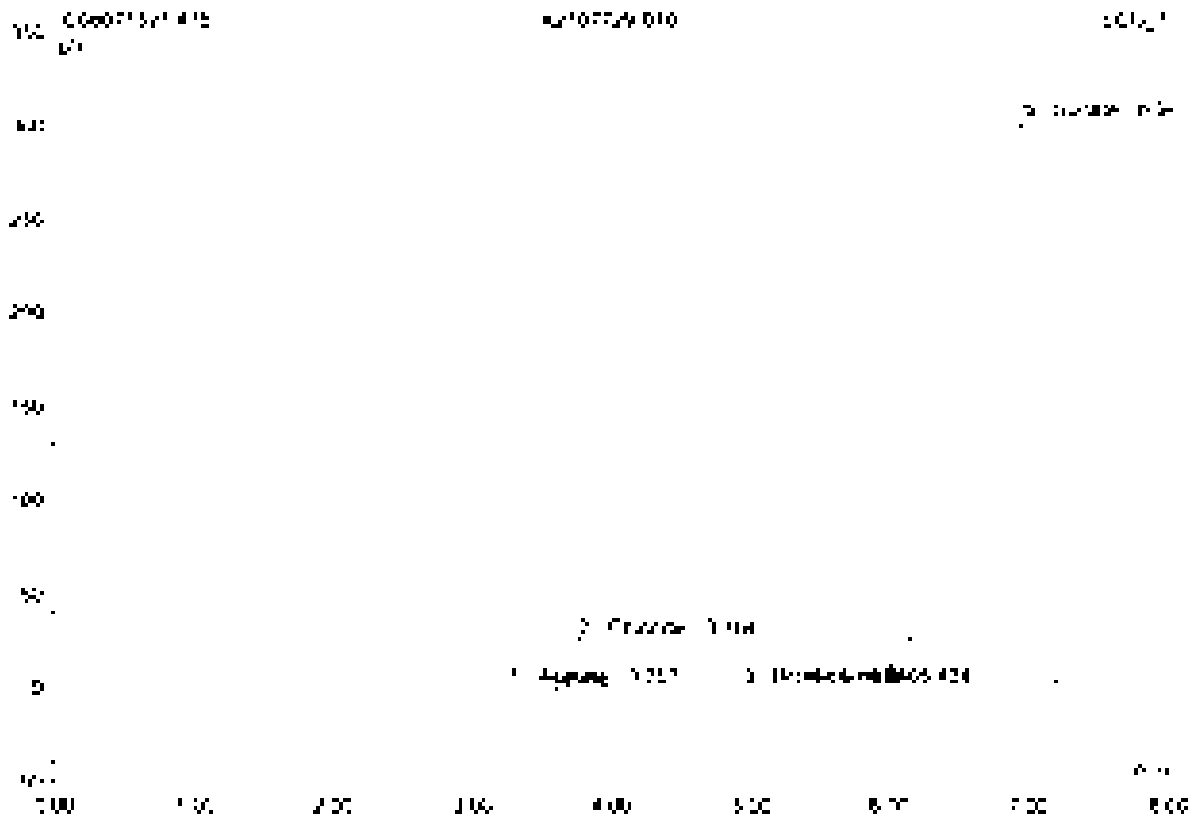
Sample Name	K2107729-009	Injection Volume	25.0
Vial Number	7	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quantif. Method	spa300	Dilution Factor	1.0000
Recording Time	7/14/2021 0.49	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.23	Acetate	0.125	0.101	0.11	n.a.	BMB
2	3.76	Chloride	25.580	3.042	3.35	35.136	bV9
3	4.94	Bromide	0.148	0.022	0.02	0.032	BMB
4	5.47	Nitrate	0.063	0.011	0.01	0.053	BMB
5	6.90	Sulfate	239.234	87.492	96.50	1420.571	BMB
Total:			265.055	90.668	100.00	1456.397	

75 K2107729-010

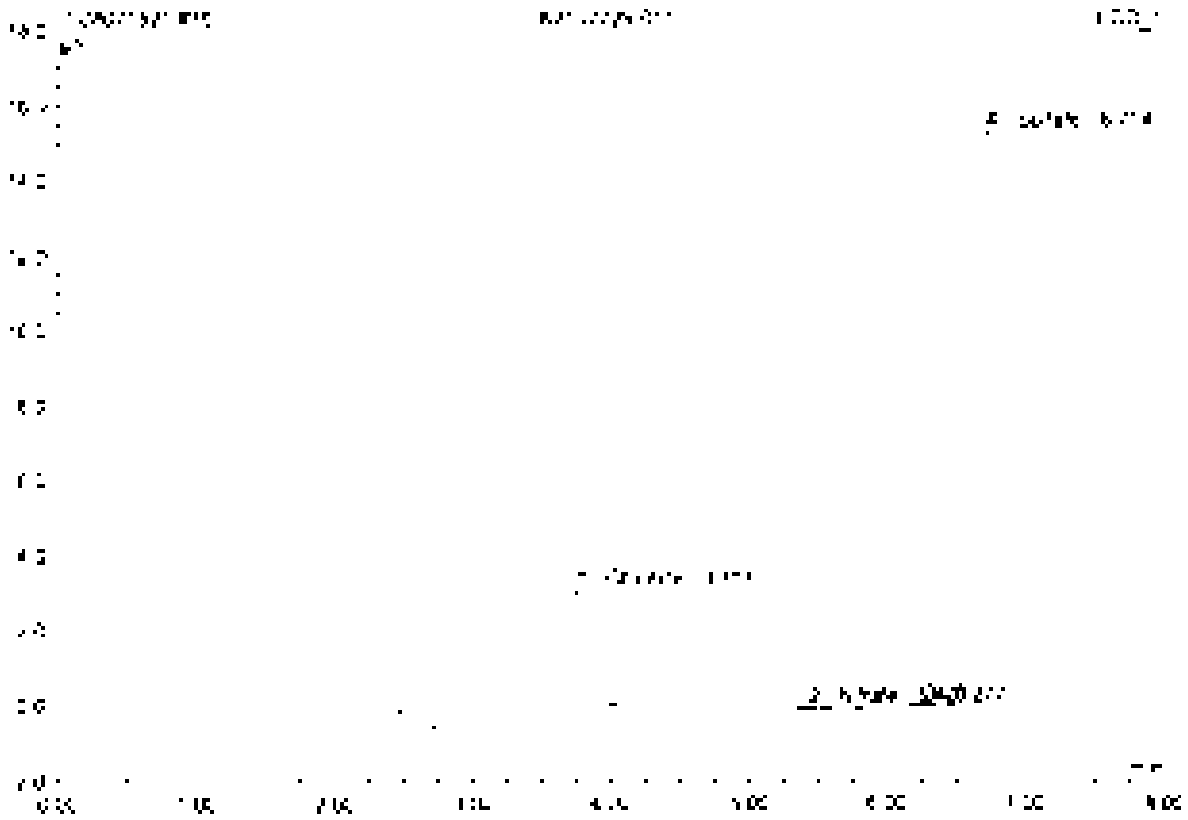
Sample Name	K2107729-010	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/16/2021 0:59	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.20	Acetate	0.178	0.111	0.10	n.a.	BV8
2	3.96	Chloride	26.004	3.052	2.68	35.213	BMB
3	4.34	Bromide	0.148	0.033	0.03	0.041	BW0
4	5.42	Nitrate	0.101	0.096	0.09	0.120	BM8
5	5.95	Sulfate	294.768	110.542	97.18	1794.818	BMH
Total:			321.220	113.735	100.00	1830.257	

76 K2107729-011

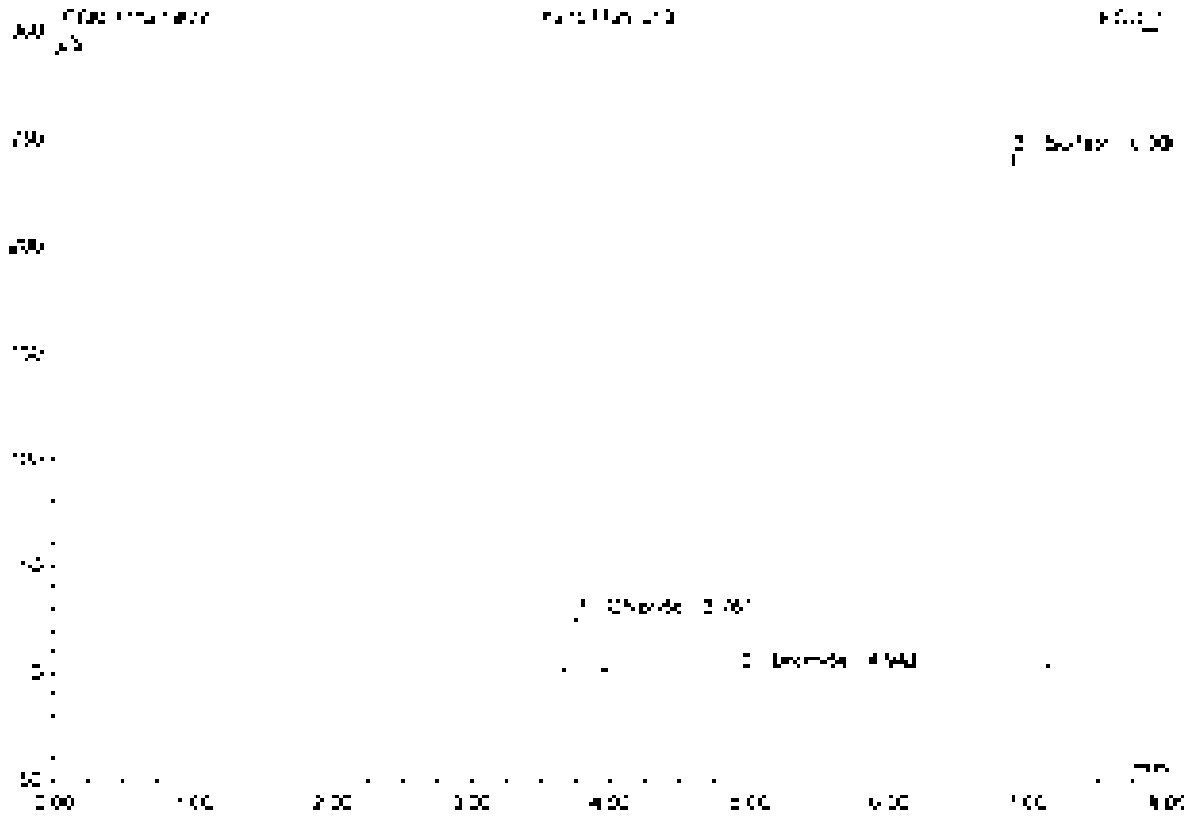
Sample Name	K2107729-011	Injection Volume	25.0
Vial Number	9	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quantif. Method	spa300	Dilution Factor	2.0000
Recording Time	7/16/2021 1:09	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.70	Chloride	3.148	0.387	[illegible]	4.465	BMB
2	5.41	Nitrate	0.009	0.012	0.35	0.057	BMB
3	6.32	n.a.	0.049	0.014	0.41	n.a.	BMB
4	5.71	Sulfate	15.175	3.022	87.99	49.069	BMB
Total:			18.406	3.435	100.00	53.592	

77 K2107729-012

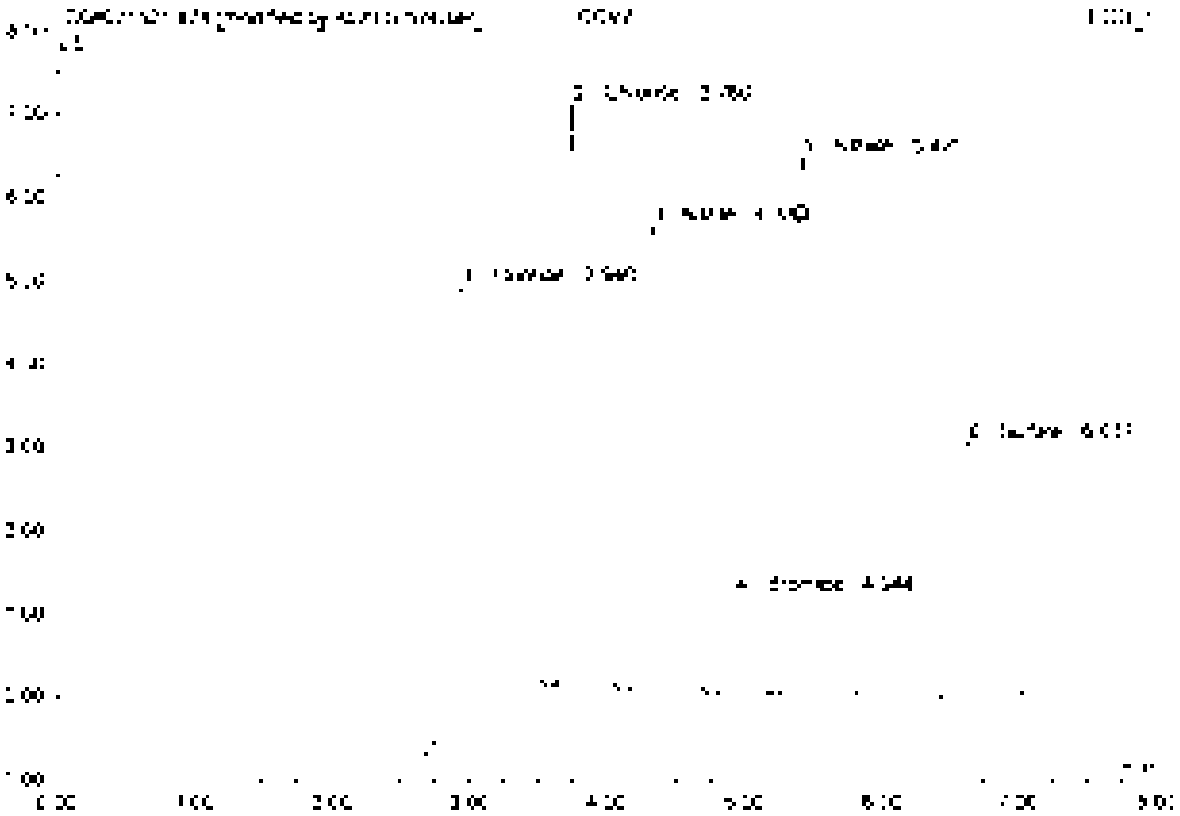
Sample Name	K2107729-012	Injection Volume	25.0
Vial Number	40	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Processing Time	7/16/2021 1:19	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µV	Area µV*min	Rel.Area %	Amount	Type
1	3.76	Chloride	22 455	3.001	3.41	34.669	BMB
2	4.94	Bromide	0 142	0.002	0.02	0.013	BMB
3	6.90	Sulfate	239 806	84.882	96.56	1317.869	BMB
Total:			262 404	87.885	100.00	1412.151	

78 CCV7

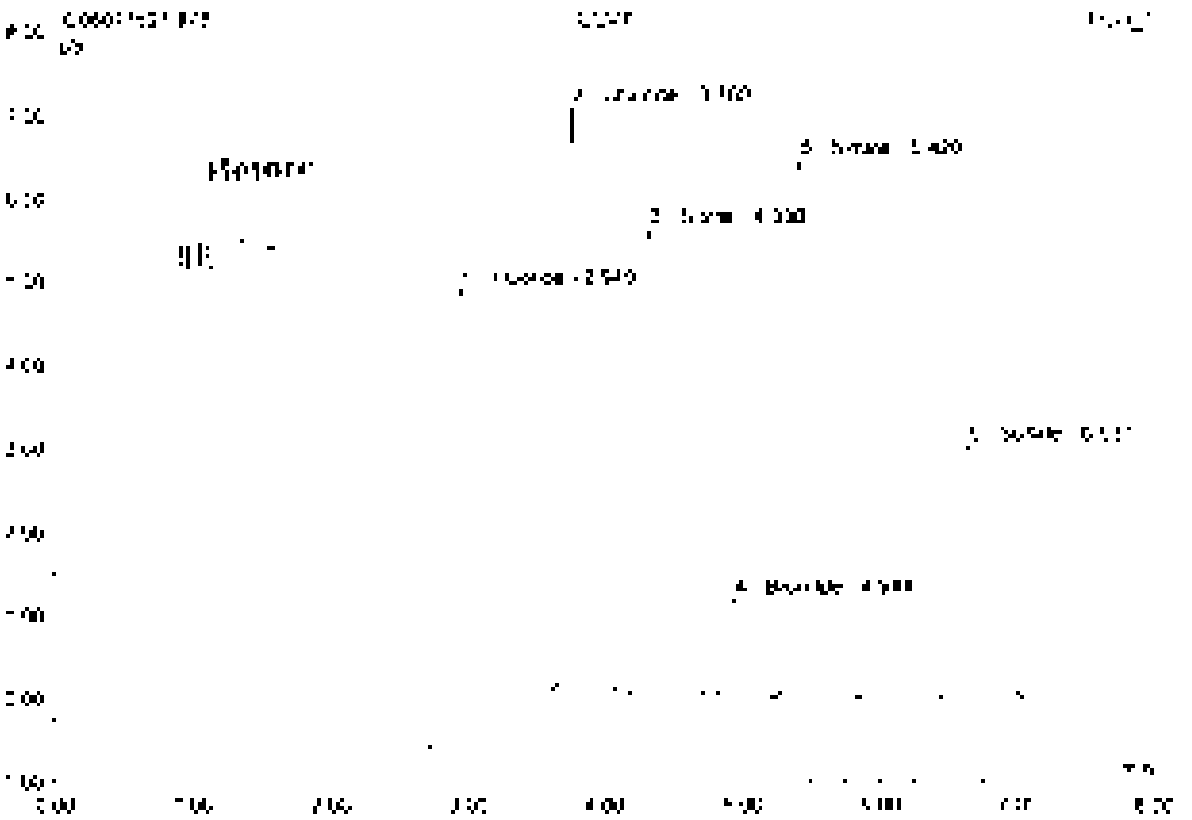
Sample Name	CCV7	Injection Volume	35.0
Vial Number	46	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/16/2021 1:39	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.94	Fluoride	5.331	1.267	25.30	5.044	BMB*
2	3.70	Chloride	6.555	0.828	16.20	4.784	BMB*
3	4.30	Nitrite	1.808	0.881	18.29	2.476	BMB
4	4.94	Bromide	1.179	0.170	3.53	2.098	BMB
5	5.42	Nitrate	6.455	1.042	21.64	2.477	BMB
6	6.64	Sulfate	2.047	0.678	13.94	5.161	BMB
Total:			23.617	4.817	100.00	22.781	

78 CCV7

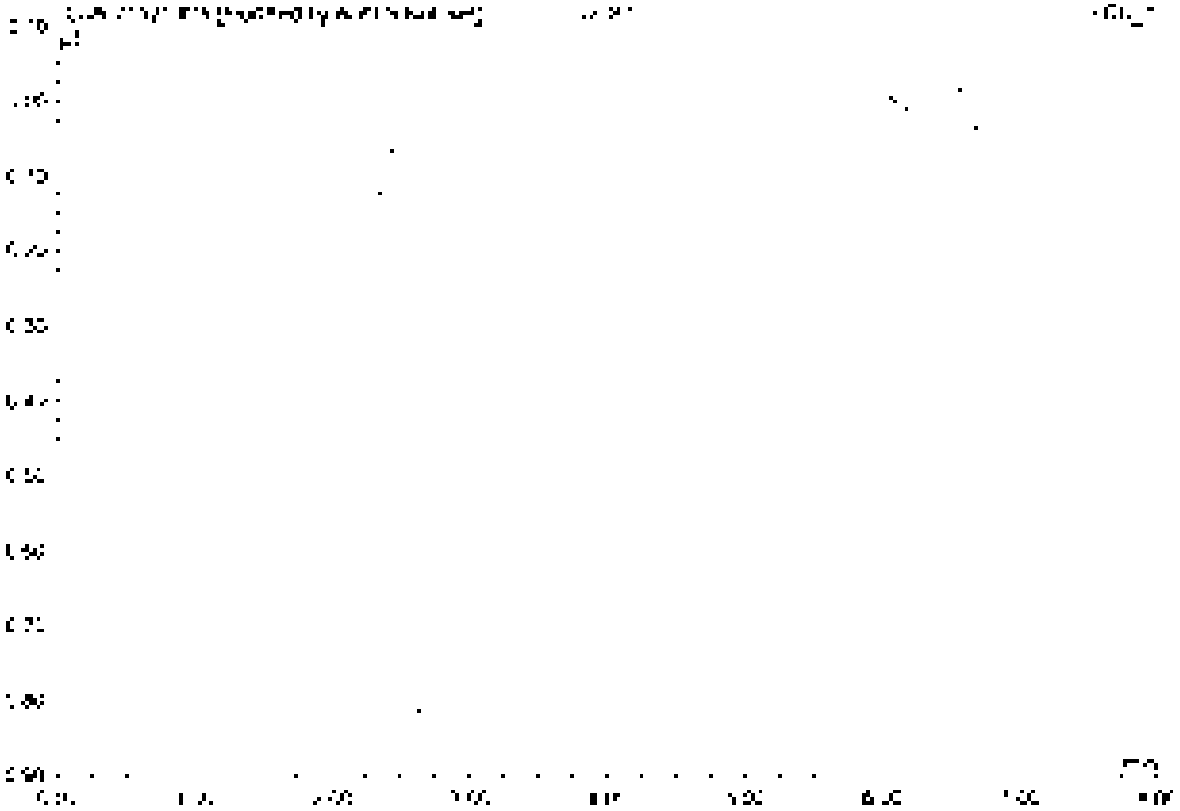
Sample Name	CCV7	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	7/16/2021 9:29	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.54	Fluoride	5.356	[illegible]	26.55	5.215	BMB
2	3.78	Chloride	6.935	0.828	17.04	4.784	BVB
3	4.33	Nitrite	5.600	0.881	18.13	2.405	BMB
4	4.94	Bromide	[illegible]	0.170	3.50	2.398	BVB
5	5.42	Nitrate	6.458	[illegible]	21.45	2.477	BVB
6	6.94	Sulfate	3.547	0.629	12.93	5.131	BVB
Total:			28.842	4.860	100.00	22.452	

79 CCB7

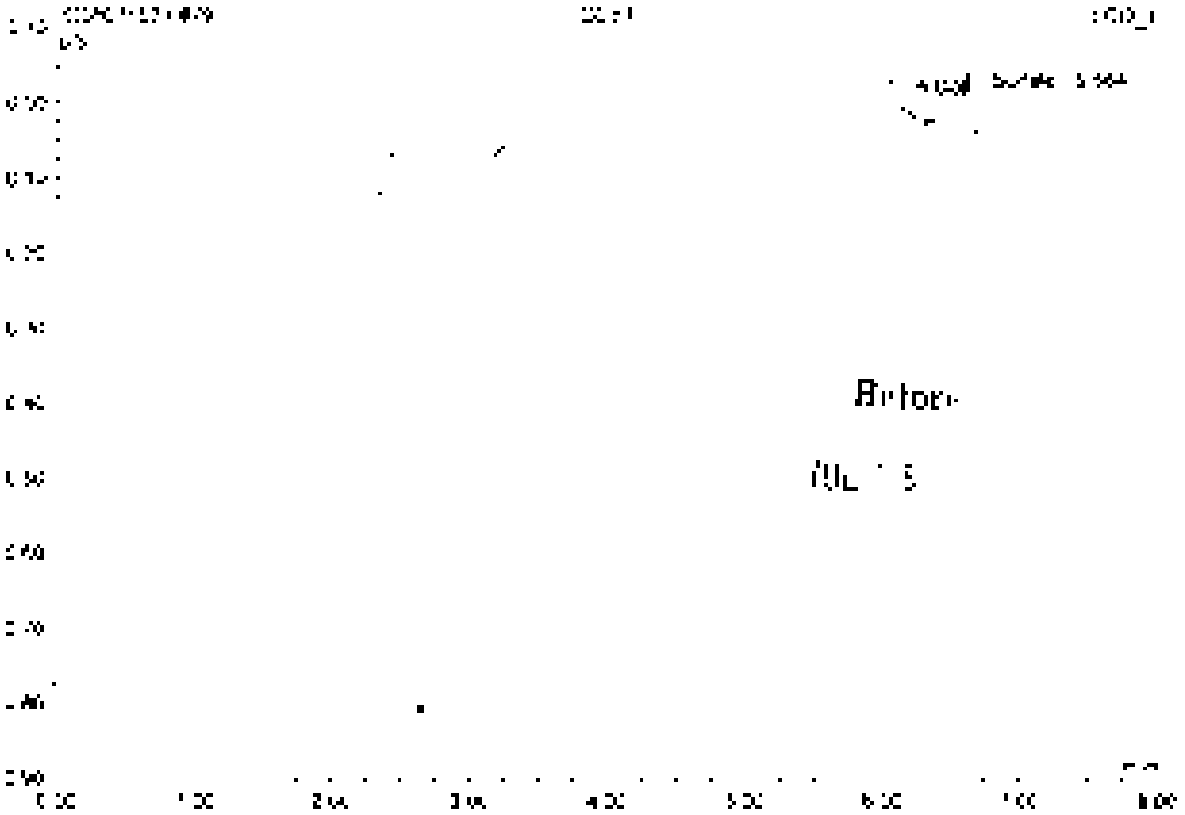
Sample Name	CCB7	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	7/14/2021 1:39	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

79 CCB7

Sample Name	CCB7	Injection Volume	25.0
Vial Number	41	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/16/2021 1:39	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	6.02	n.a.	0.043	1.328	99.42	n.a.	BV b
2	6.56	Surfate	0.050	0.002	0.58	0.063	pMB
Total			0.143	1.330	100.00	0.063	

Work Request # [illegible]

Date [illegible]

Data Analyst [illegible]

Analyst MAG

Analysis [illegible]

Date [illegible]

DATA QUALITY REPORT
INORGANICS

Explain any "no" responses to questions below, and any corrective actions in the comments section below.

1	Is the method name and number correct and appropriate?	yes/no/NA
2	Holding times met for all analytes and for all samples?	yes/no/NA
3	Are calculations correct?	yes/no/NA
4	Is the reporting basis correct? (Dry Weight)	yes/no/NA
5	All results verified/reviewed?	yes/no
6	Is the calibration curve correlation coefficient [illegible]?	yes/no/NA
7	MDL, QCS, CCVs, ICVs, Dups, and Spikes analyzed at proper frequency?	yes/no/NA
8	Are ICVs, CCVs, and CRIs all within acceptance limits?	yes/no/NA
9	Are results for methods blanks < MDL?	yes/no/NA
10	Are all QC samples within acceptance criteria? (LCS Form, MS/MSD Form, DUP or MS/MSD RPD, etc.)	yes/no/NA
11	Are all exceptions explained?	yes/no/NA
12	Have applicable service requests been reviewed?	yes/no/NA
13	Are all samples labeled correctly?	yes/no/NA
14	Have all corrections on the service request been followed? (e.g. Special MRL's, QC on a specific sample, Form V)	yes/no/NA
15	Are detection limits lowest units reported correctly?	yes/no/NA
16	Is the unused space on the bench sheet crossed out?	yes/no/NA
17	Was analysis turned in by the due date? (If not, need SRR)	yes/no/NA

COMMENTS:

-- Not enough sample to run QC work on Total TOC samples. Three LCS/BLCS were run

Final Approved by [illegible] Date [illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Dt: [illegible] Method/Extraction: [illegible]

Lab Sample	Target Analyte	Qlf	Parent Sample	Matrix	Raw Result	Sample Size	Final Result	RP	MDL	PQL	% Rec	%RSD	Date Analyzed	DL?	Inc
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Dat: [illegible] Method Reference: [illegible]

Lab Code	Parent Analytes	Mt.	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Rf	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Int
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]

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Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Dat. [illegible] Method Filename: [illegible]

Lab Sample	Target Analyte	QA	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	RQL	Qualifier	Sample	Date Analyzed	QC?	Tag
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]			[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]	[illegible]	[illegible]	[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]	[illegible]	[illegible]	[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]	[illegible]	[illegible]	[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]	[illegible]	[illegible]	[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]	[illegible]	[illegible]	[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]	[illegible]	[illegible]	[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]	[illegible]	[illegible]	[illegible]	N	B
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1		[illegible]	[illegible]	[illegible]	[illegible]	N	B

[illegible]

ALS ENVIRONMENTAL

Matrix: WATER

Method: Total Organic Carbon (WATER) Method: Combustion [illegible] 9060 [illegible]

Position	Sample ID	Dilution Factor	Solution Conc. (mg/L)	Blank Correction, mg/L	Net mg/L	DOC mg/L	Reported DOC mg/L
CBA	[illegible]	1		[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
23	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
25	MB2	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] DOC [illegible]

LCS [illegible] 25.0 ppm [illegible] [illegible]

CCV = 25.0 ppm

Spike: 2.05 ml of 5000 ppm stock ---> 10.0 ml = 25.0 ppm [illegible]

Analyst: [illegible] Date: [illegible]

Reviewed By: [illegible] Date Reviewed: [illegible]

Revision 1, 2010 [illegible] ANALYSES [illegible] Method [illegible]

ALS ENVIRONMENTAL

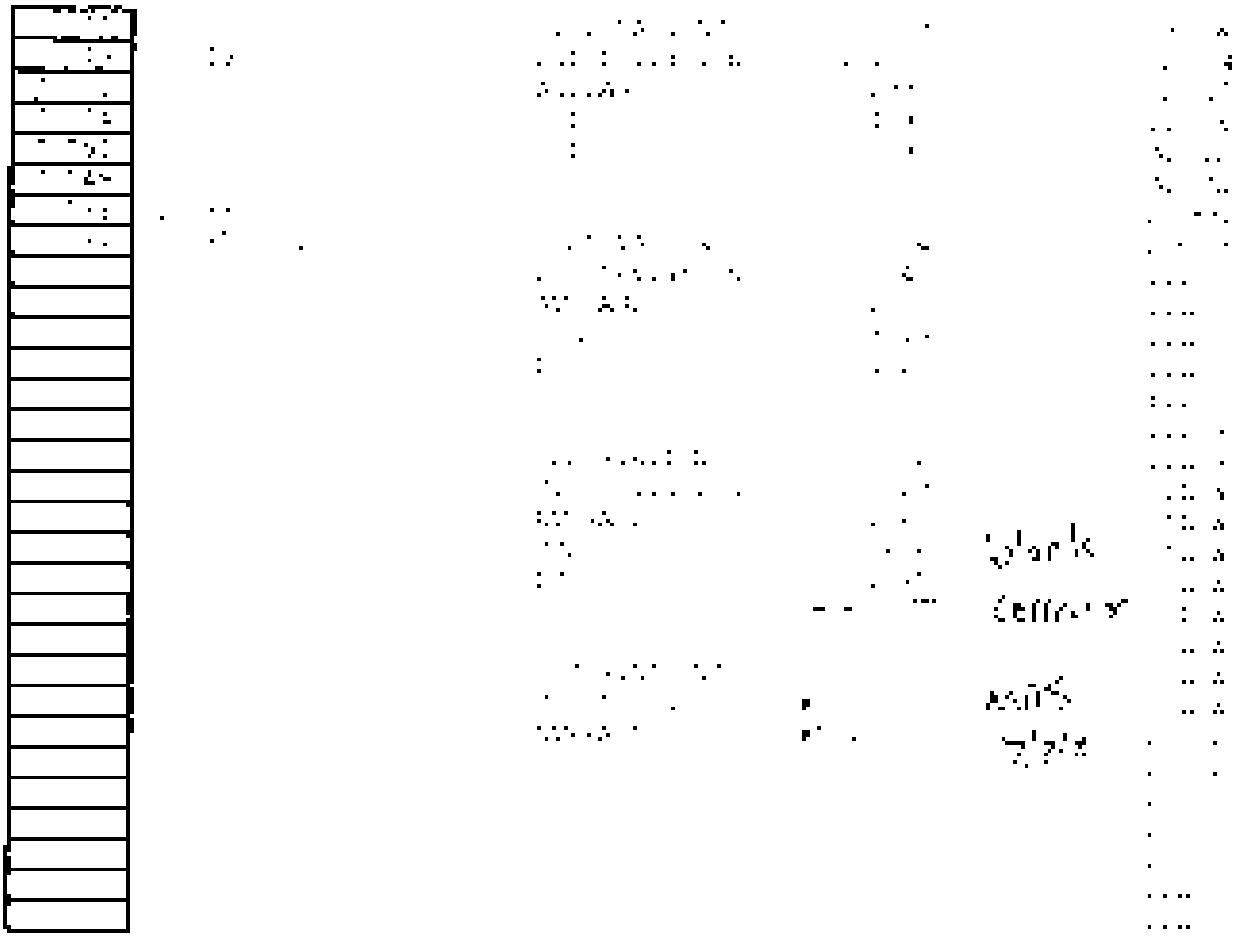
Matrix: WATER

Method: Total Organic Carbon (WATER) — Method: Combustion - EPA 415.1 / 9060 SM5310C

Precision	Sample #	DIL. Factor	Solution Conc. mg/l	Blank Correction mg/l	Sol mg/l	TOC mg/l	Reported TOC mg/l
26	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
28	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
32	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
33	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
34	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
35	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
36	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
37	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
38	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
39	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
40	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
41	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
42	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
43	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
44	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
45	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
46	[illegible]	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
47							
48							
49							
50							

Verified By: _____ Date Reviewed: _____

Reviewed By: _____ Date Reviewed: _____



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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]

TOC-Control L Report

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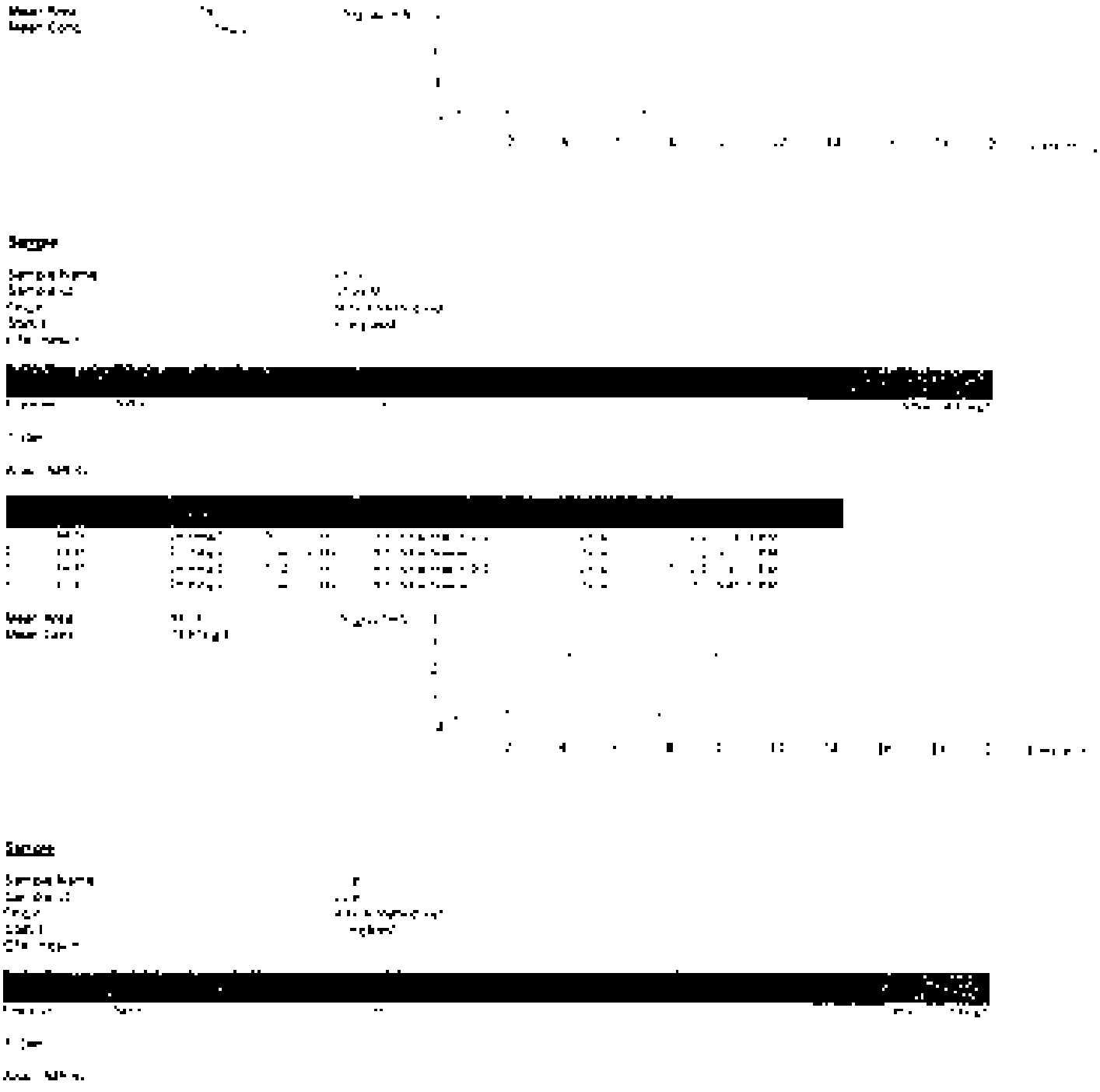
TOC-Control L Report



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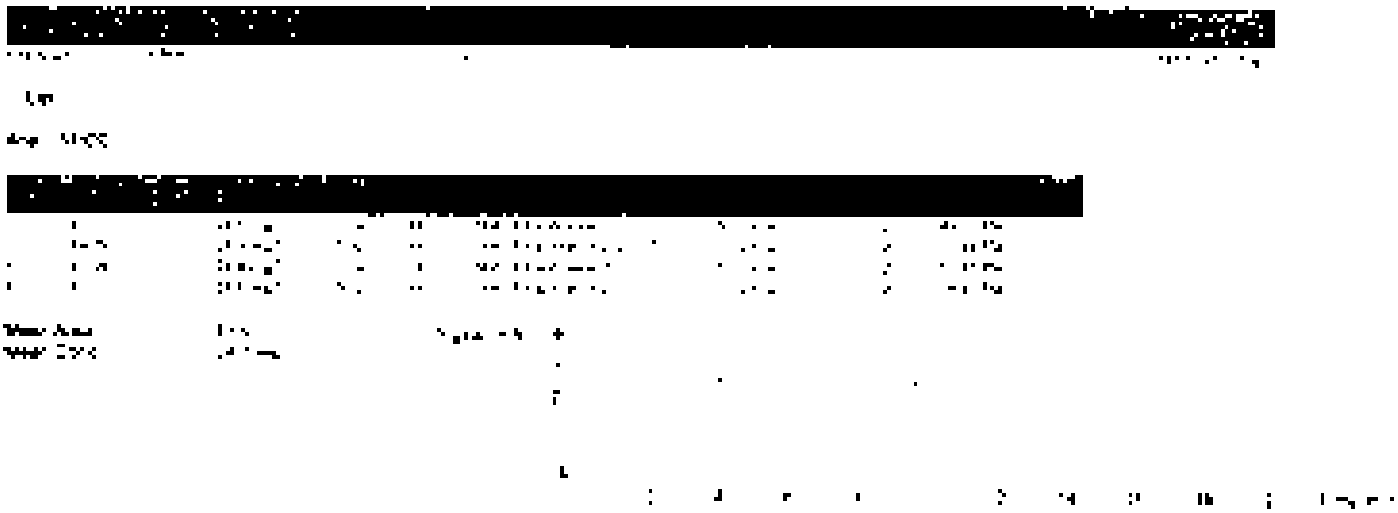

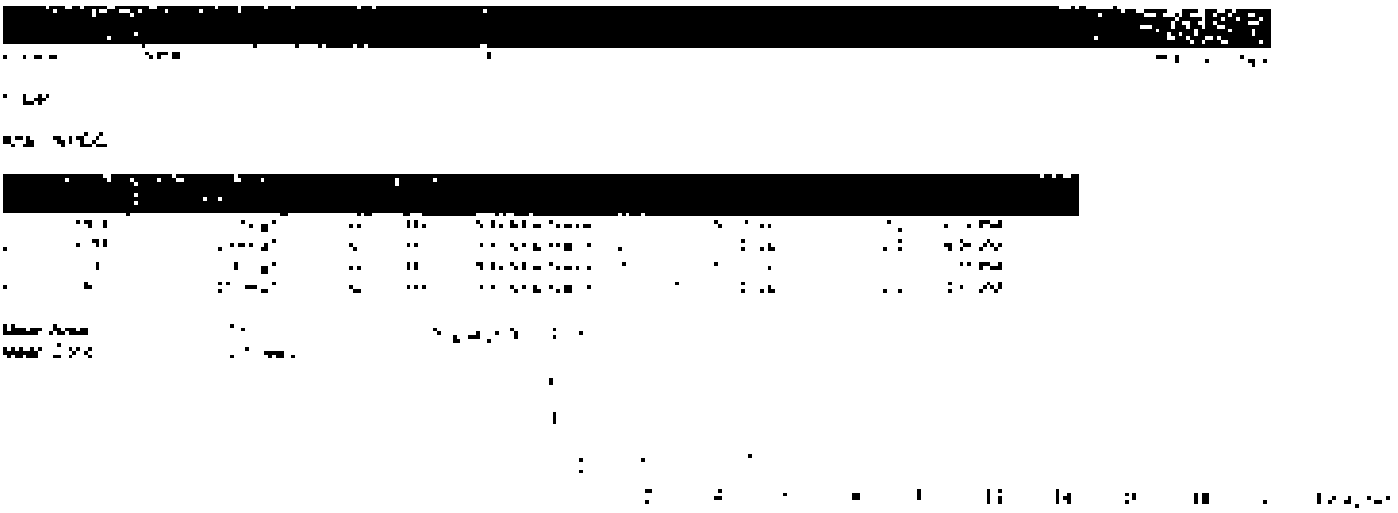

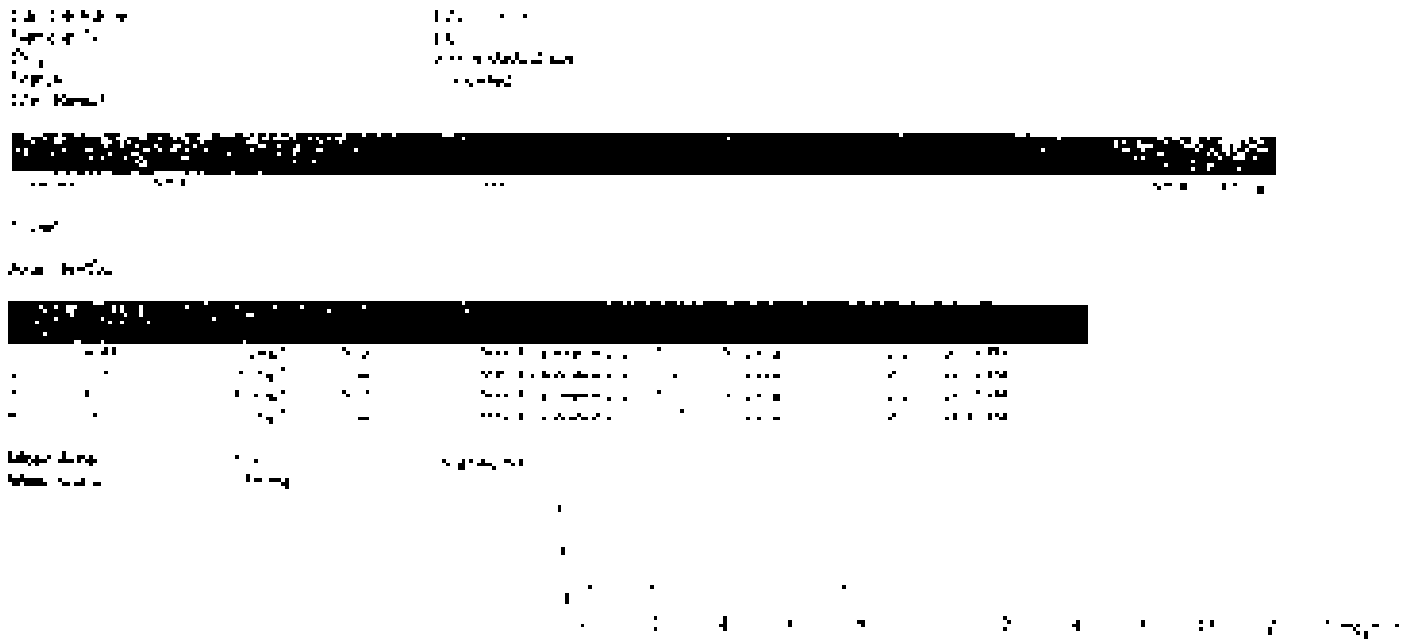

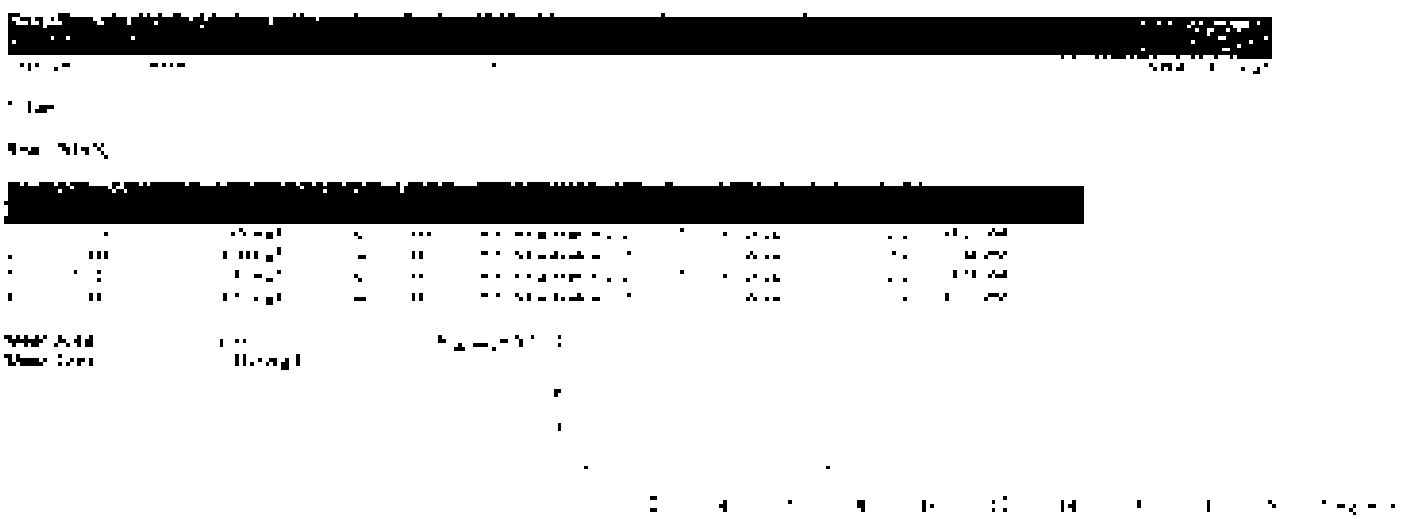

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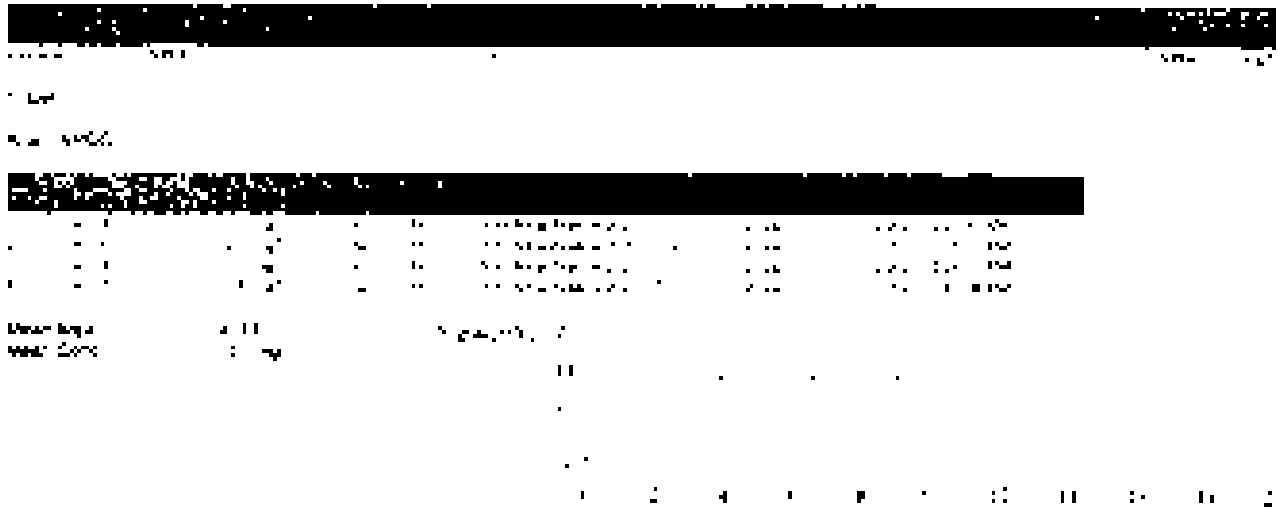
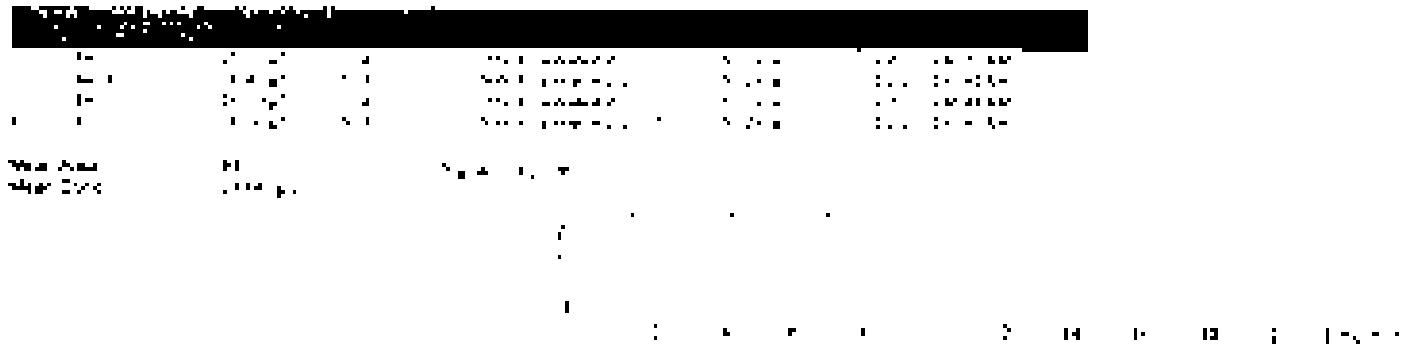
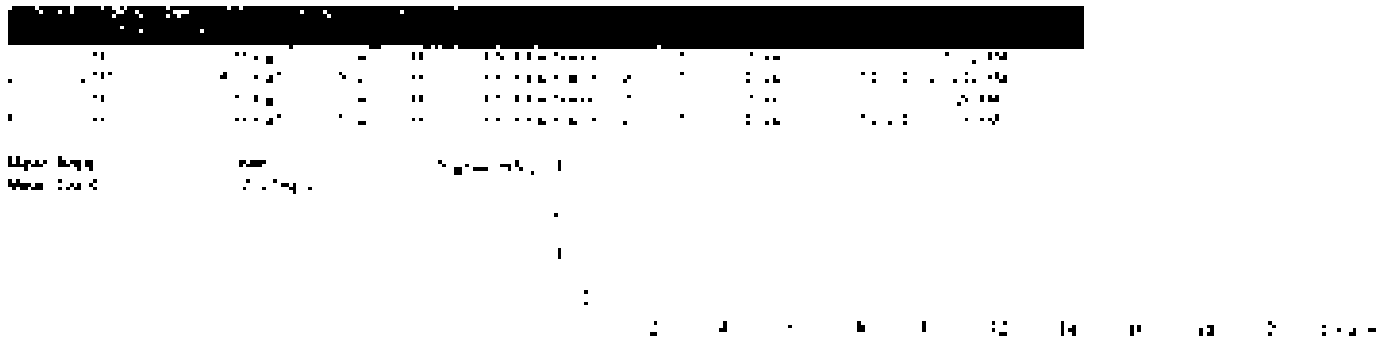
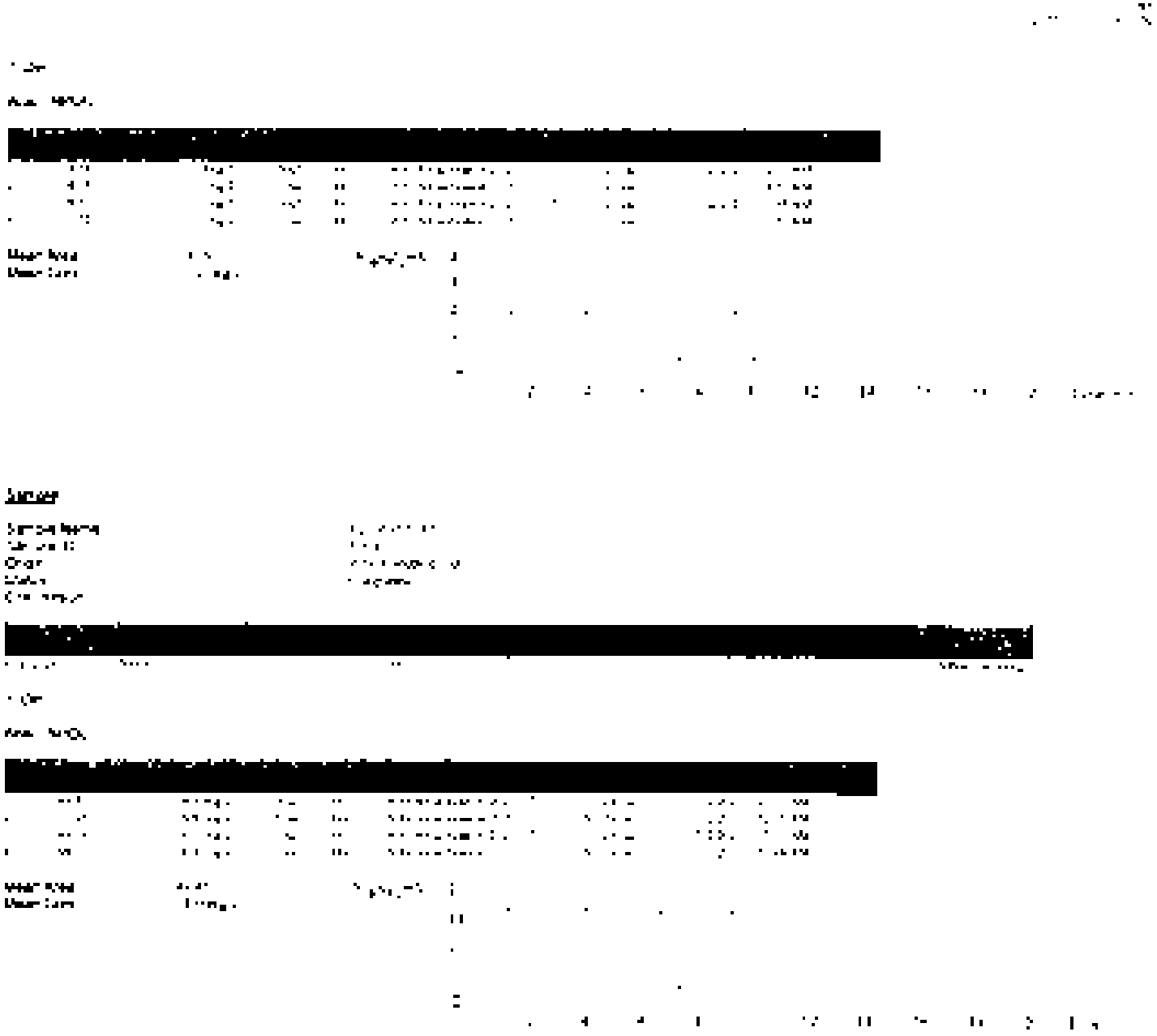
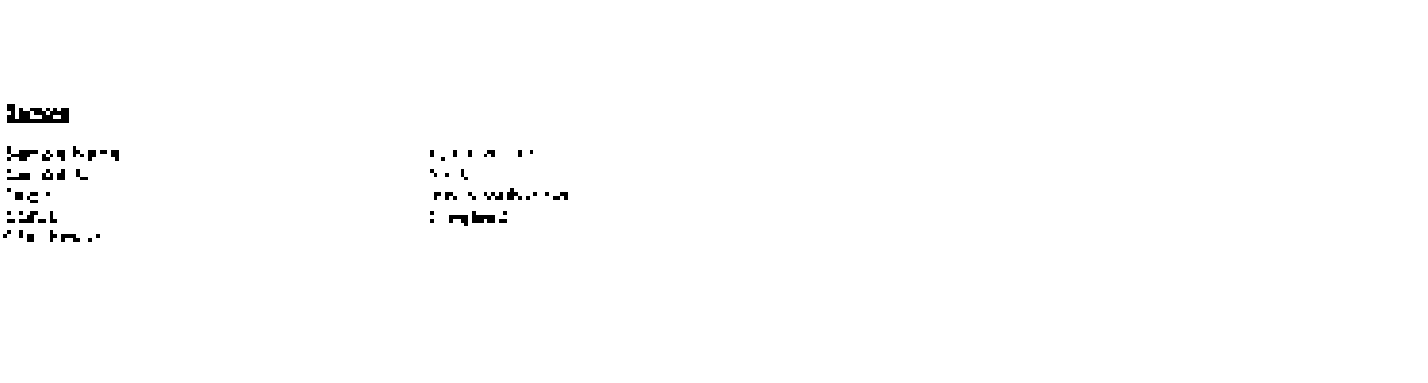
TOC-Control L Report

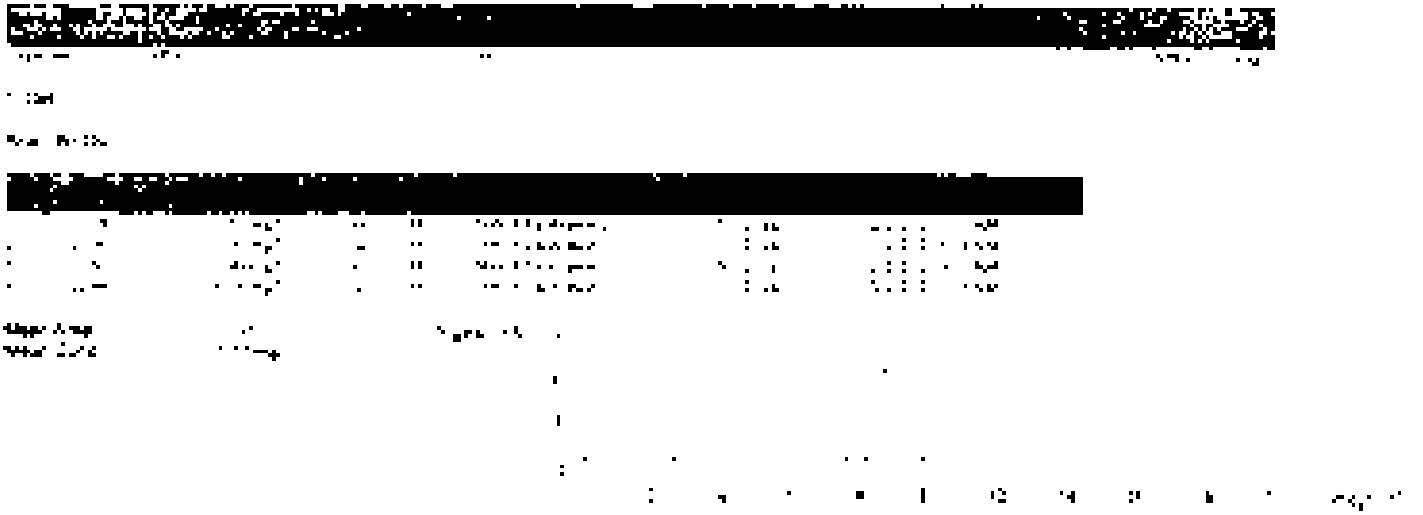


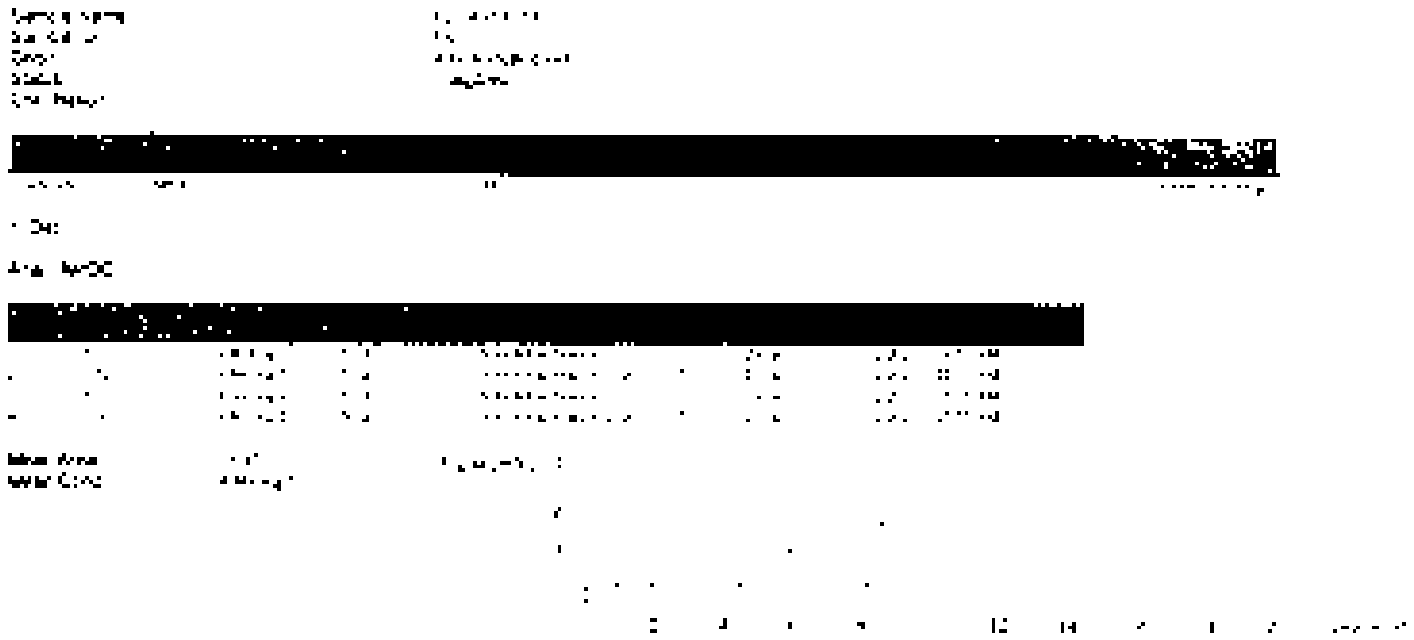


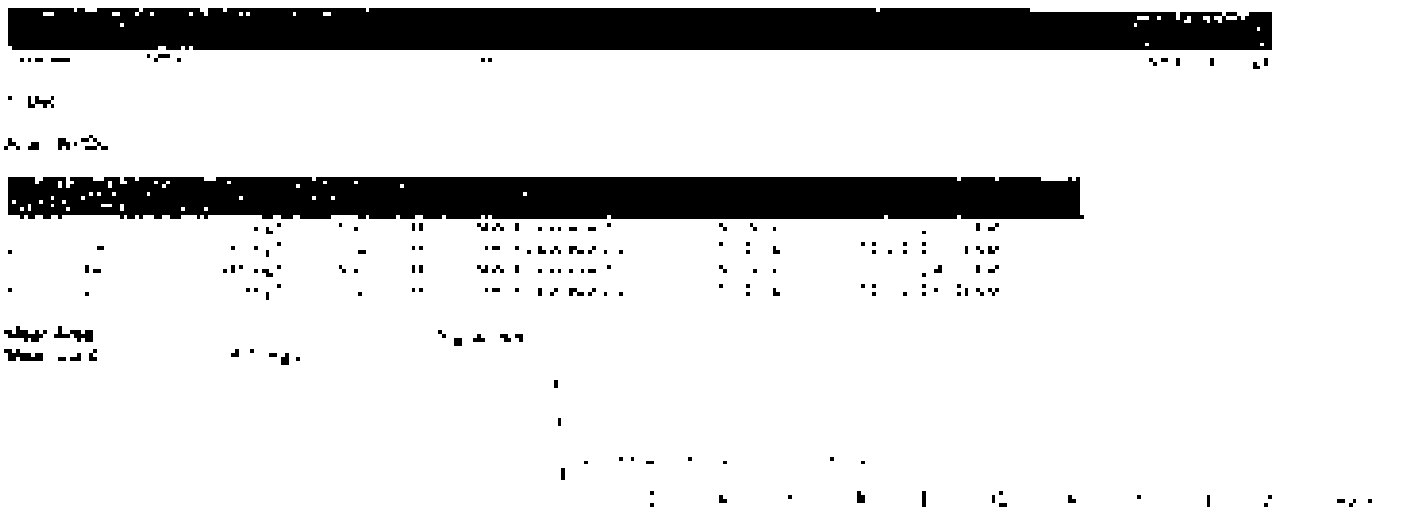












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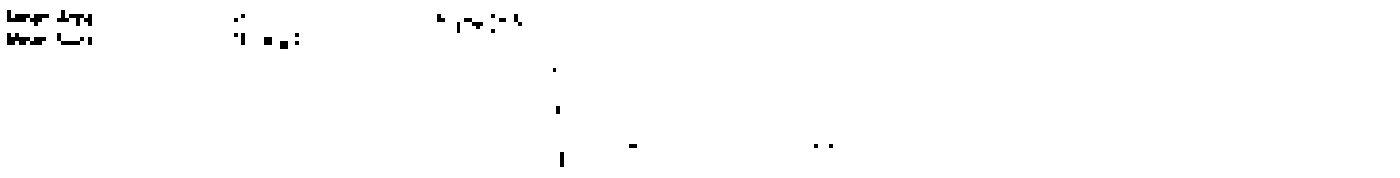

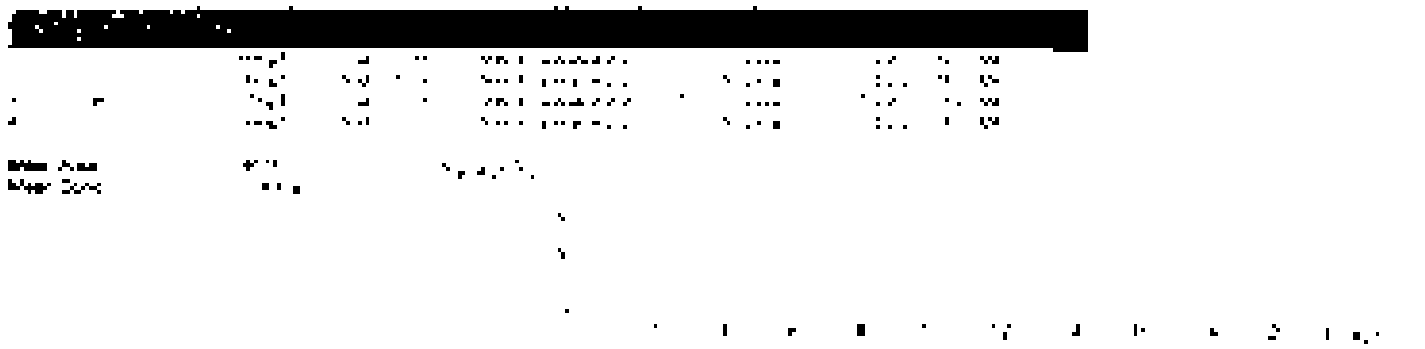

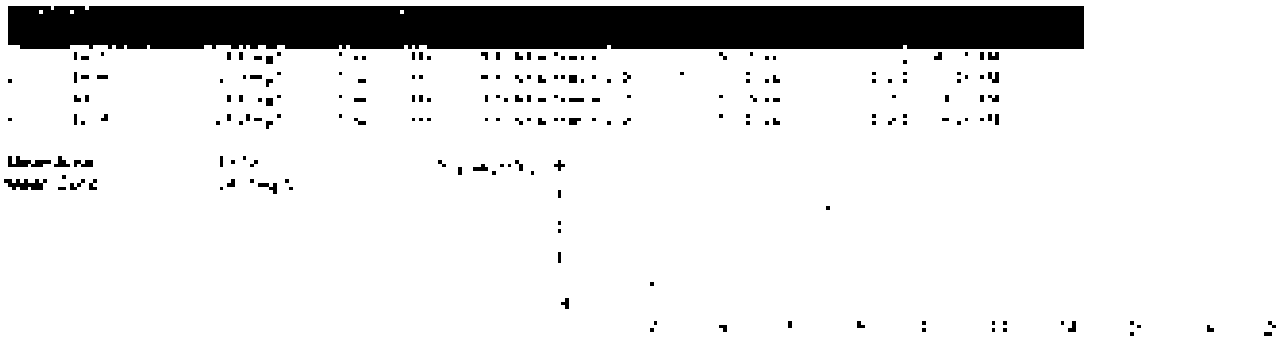

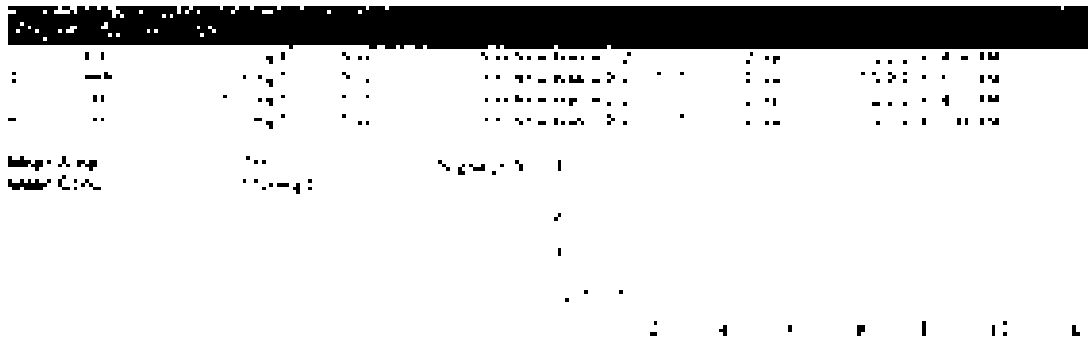

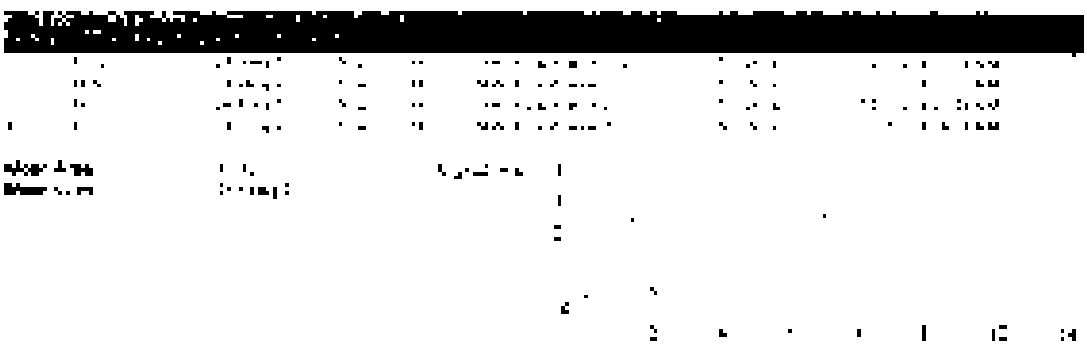

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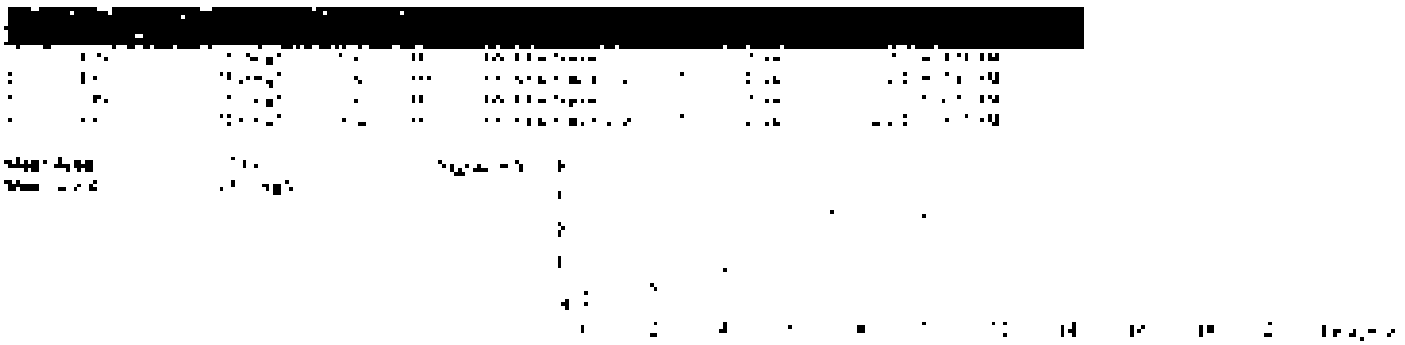

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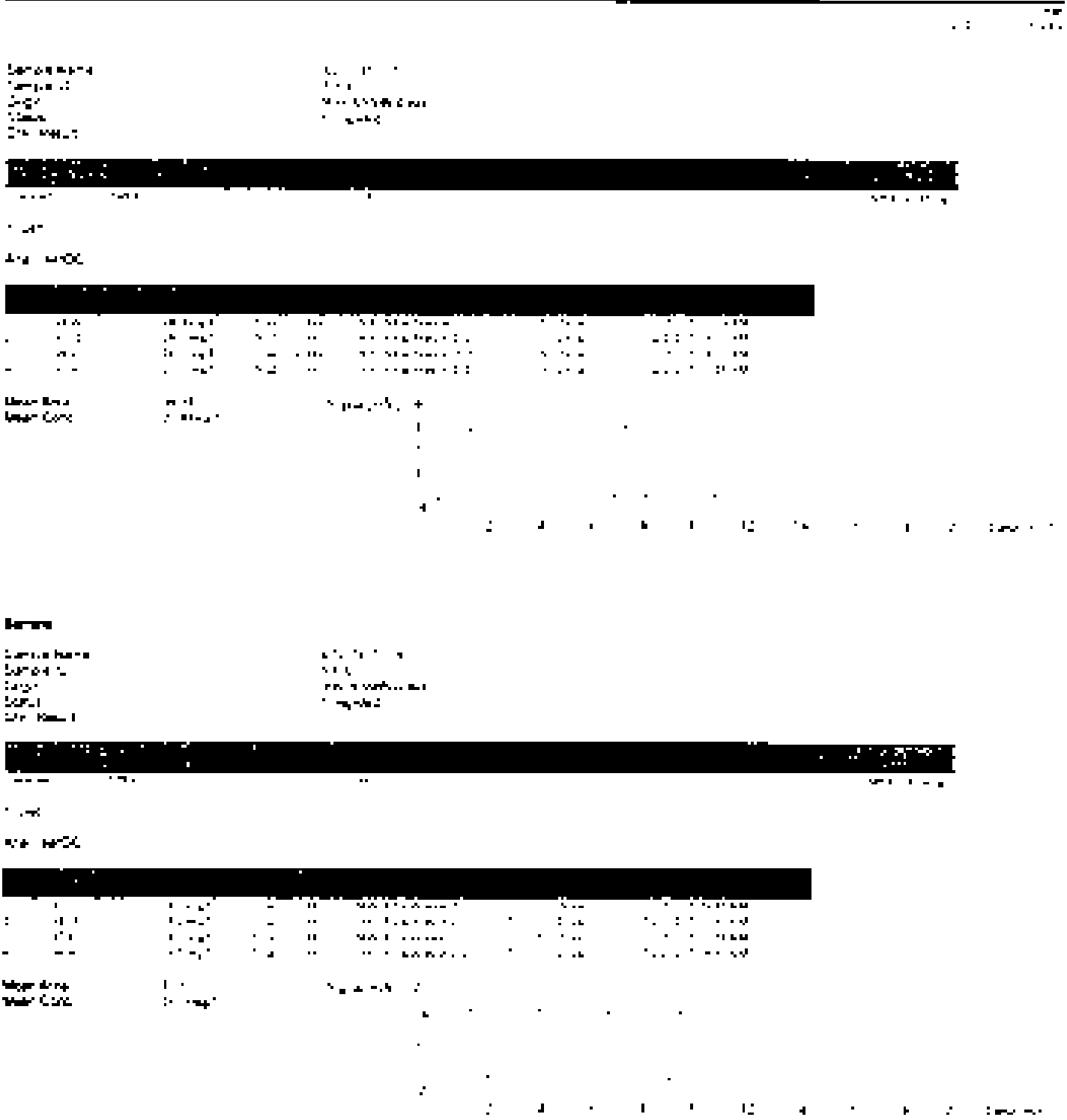

TOC-Control L Report

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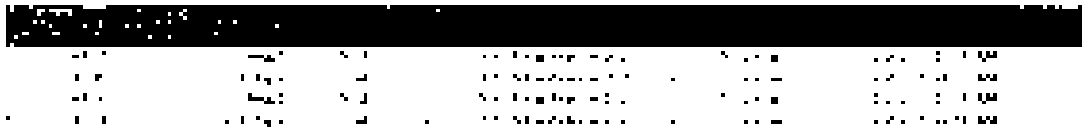
TOC-Control L Report



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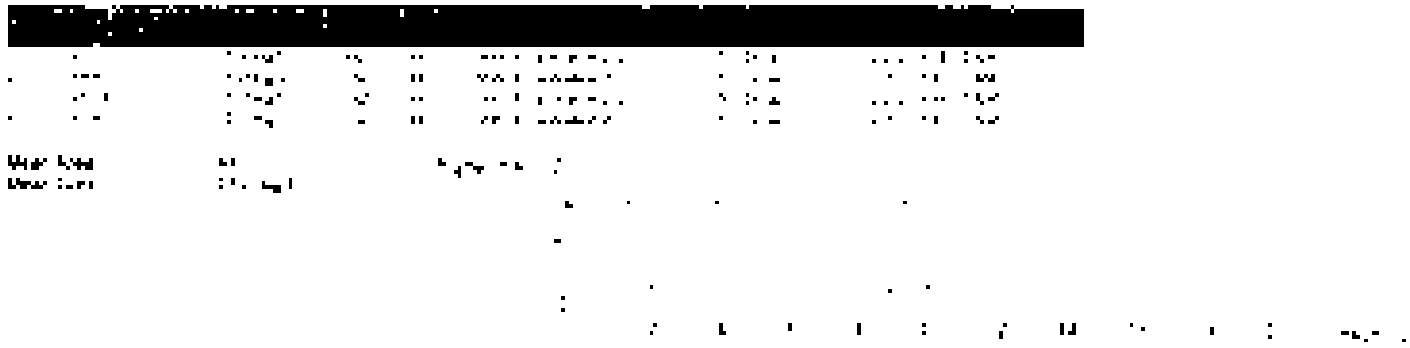

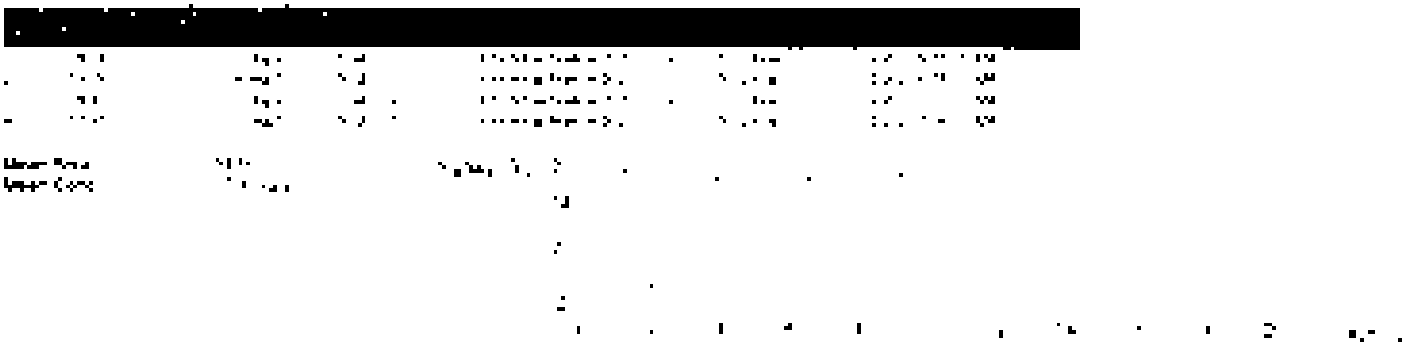

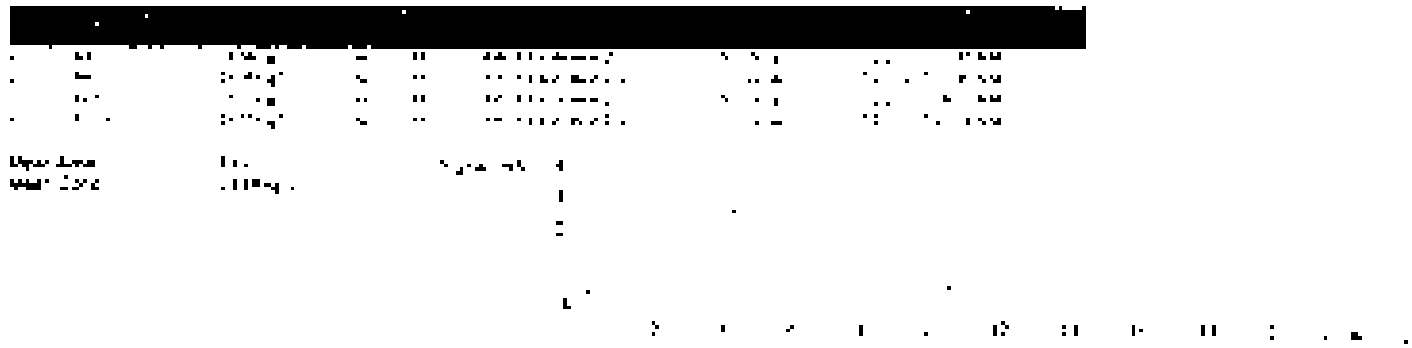

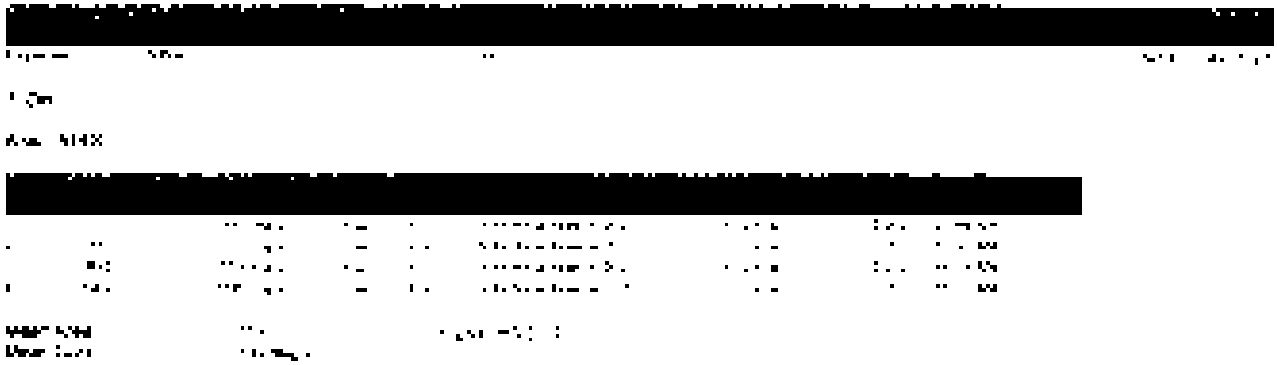

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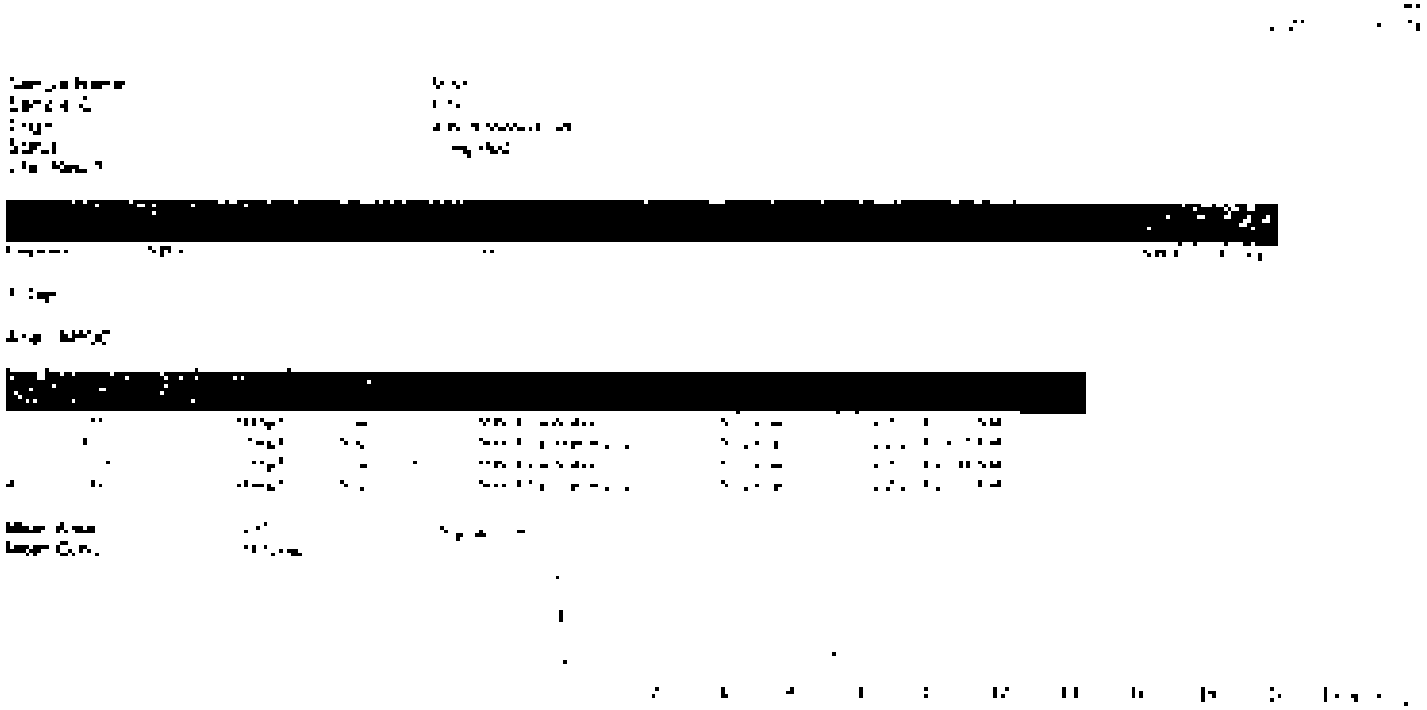
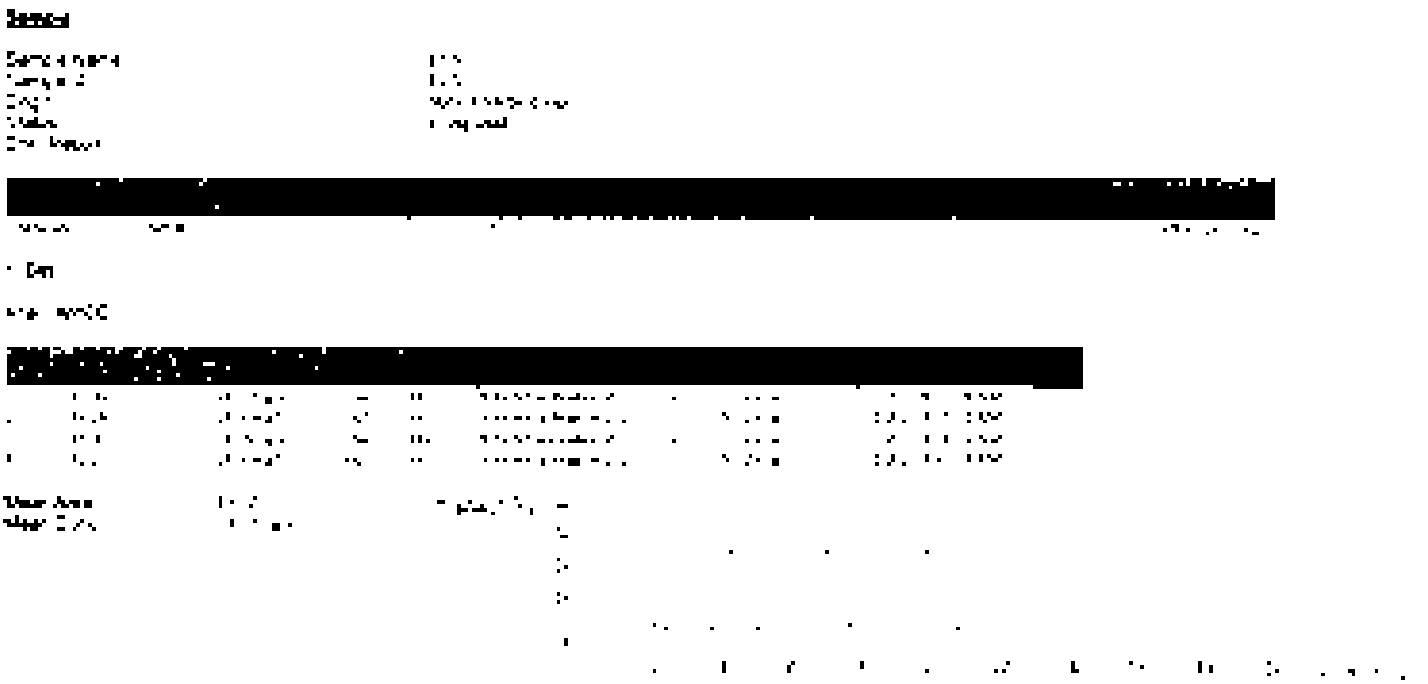
TOC-Control L Report





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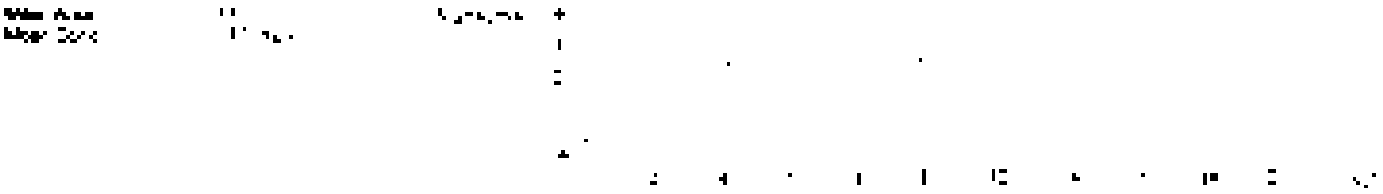
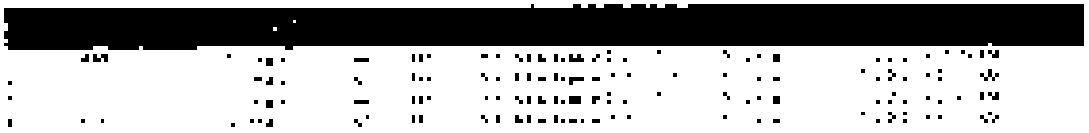
TOC-Control L Report





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Analyst: [illegible]

Method: [illegible]

[illegible]

ICAL Date: [illegible]

[illegible]

IDS_ID: [illegible]

[illegible]

Spike ID: [illegible]

[illegible]

Equipment ID: [illegible]

[illegible]

[illegible]

Analyzed By: [illegible]	Date Analyzed: [illegible]
Reviewed By: [illegible]	Date Reviewed: [illegible]

Metals

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

Preparation Information Benchsheet

Prep Run	382304	Prep Workflow:	Metals	Status:	Prepped	Prep Date:	07/26/2021 [illegible]
Team:	Metals	Prep Method	EPA CLP [illegible]	Current Step:	Digestion	Due Date:	07/15/2021
Analyst	JHINSON	Rush/NPDES	N/A			Hold Date	12/25/2021

[illegible]

19 Total Samples consisting of 15 Client Samples, 2 Client QC Samples, 2 Batch QC Samples associated with the current Prep Run.

Spiking Solutions

Name	Type	ID	Expires	Name	Type	ID	Expires
[illegible]	Spike	[illegible]	[illegible]	[illegible]	Spike	[illegible]	[illegible]
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Preparation Materials

Step	Name	ID	Step	Name	ID
Digestion	[illegible]	[illegible]	Digestion	[illegible]	[illegible]
Digestion	[illegible]	[illegible]			

Preparation Hardware / Equipment

Step	Name	Property	Value		Step	Name	Property	Value
[illegible]	[illegible]	[illegible]			[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]			[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				
[illegible]	[illegible]	[illegible]						

Preparation Steps

Step	Started	Completed	By	Assisted By	[illegible]	Comments
	[illegible]	[illegible]				
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Comments

[illegible] added

Review

[illegible] Date [illegible]

ICPMS LCSW AND SPIKING SOLUTIONS

5.00mL to 500mL Dilution of Inorganic Ventures QCP CICV-1
k-mat 1/100 QCP-CCV-1

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Al	10000	100
Ba	10000	100
Co	2500	25
Mn	2500	25
Ni	2500	25
V	2500	25
Zn	2500	25
Cu	1250	12.5
Ag	1250	12.5
Cr	1000	10
Be	250	2.5

0.1mL to 100mL Dilution of 1000ppm Sb
k-mat 1ug/mL Sb

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Sb	1000	10

5.00mL to 500mL Dilution of Inorganic Ventures QCP CICV-2
k-mat 1/100 QCP-CICV-2

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
As	5000	50
Pb	5000	50
Se	5000	50
Tl	5000	50
Cd	2500	25

0.5mL to 100mL Dilution of 1000 ppm Mo and 1000 ppm U
k-mat Mo/U 5ppm

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Mo	5000	25
U	5000	25

Preparation Information Benchsheet

Prep Run:	JBJJ04	**Prep Workflow:**	HclOig6q4S	**Status**	Draft	**Prep Date:**	06/29/2021 07:08
Team:	Metals	**Prep Method**	EPA CLP ILM04.0	**Current Step**	Digestion	**Due Date**	07/02/2021
Analyst:	ASOYER	**Rush/NPDES**	N/A			**Hold Date**	12/19/2021

[illegible]	[illegible]		[illegible]	[illegible]		[illegible]	[illegible]	
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]

19 Total Samples consisting of 15 Client Samples, 2 Client QC Samples, 2 Batch QC Samples associated with the current Prep Run

Spiking Solutions

Name	Type	ID	Expires	Name	Type	ID	Expires
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Materials

Preparation Hardware / Equipment

Preparation Steps

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]					[illegible]	

Comments

[illegible]

Review

[illegible] [illegible]

Preparation Information Benchsheet

Prep Run	382302	**Prep Workflow:**	Metals (ICP/ICP-MS)	**Status**	Prepped	**Prep Date**	07/06/2021 12:57
Team:	Metals	**Prep Method:**	EPA CLP ILM04.0	**Current Step:**	Digestion	**Due Date**	07/15/2021
Analyst	JOHNSON	**Rush/MPDES**	N/A			**Hold Date**	12/19/2021

[illegible]

24 total Samples consisting of 20 Client Samples, 2 Client QC Samples, 2 Batch QC Samples associated with the current Prep Run

Spiking Solutions

Name	Type	ID	Expires	Name	Type	ID	Expires
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Materials

Step	Name	ID	Step	Name	ID
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			

Preparation Hardware / Equipment

Step	Name	Property	Value	Step	Name	Property	Value
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Preparation Steps

Step	Start	Finish	By	Required By	Completed	Comments
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Comments

[illegible]

Review

Reviewed By [illegible] Date [illegible]

ICPMS LCS/MB AND SPIKING SOLUTIONS

5.00mL to 500mL Dilution of Inorganics Ventures QCP 2 CV 1
Lot# 11199 QCP-CCV-1

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
As	10000	100
Ba	10000	100
Co	2500	25
Mn	2500	25
Ni	2500	25
V	2500	25
Zn	2500	25
Cu	1250	12.5
Ag	1250	12.5
Cr	1500	10
Be	250	2.5

0.1mL to 100mL Dilution of 1000ppm Sb
Lot# 1ug/mL Sb

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Sb	1000	10

5.00mL to 500mL Dilution of Inorganics Ventures QCP CICV 3
Lot# 11199 QCP-CICV-3

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
As	5000	50
Pb	5000	50
Se	5000	50
Tl	5000	50
Cd	2500	25

0.5mL to 100mL Dilution of 1000 ppm Mo and 1000 ppm U
Lot# Mo/U 5ppm

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Mo	5000	25
U	5000	25

Preparation Information Sheet

Prep Run	382303	**Prep Workflow**	Metals/Hg/P	**Status**	Draft	**Prep Date**	06/24/2021 [illegible]
Team	Metals	**Prep Method**	EPA 6020 [illegible]	**Current Step**	Digestion	**Due Date**	07/02/2021
Analyst	ABOYER	**Rush/NPDES:**	N/A			**Hold Date**	12/19/2021

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]

24 Total Samples consisting of 20 Client Samples, 2 Client QC Samples, 2 Batch QC Samples associated with the current Prep Run

Spiking Solutions

Name	Type	ID	Expires	Name	Type	ID	Expires
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Materials

Preparation Hardware / Equipment

Preparation Steps

Step	Started	Finished	By	Assisted By	Temp	Comments
[illegible]					[illegible]	

Comments

[illegible]

Review

Reviewed By Date [illegible]

Preparation Information Worksheet

Prep Run	[illegible]	**Prep Workflow:**	[illegible]	**Status**	Prepared	**Prep Date**	[illegible]
Team	Metals	**Prep Method:**	EPA [illegible]	**Current Step**	Digestion	**Due Date**	[illegible]
Analyst	[illegible]	**Rush/NPDES:**	N/A			**Hold Date**	[illegible]

[illegible]

24 Total Samples consisting of 20 Client Samples, 2 Client QC Samples, 2 Batch QC Samples associated with the current Prep Run.

Spiking Solutions

Name	Type	ID	Expiration	Name	Type	ID	Expiration
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Materials

Bag	Name	ID	Bag	Name	ID
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			

Preparation Hardware / Equipment

Step	Name	Property	Value		Step	Name	Property	Value
[illegible]	[illegible]	[illegible]			[illegible]	[illegible]		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]						

Preparation Steps

Step	Started	Completed	By	Solution	Discard?	Comments
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Comments

[illegible]

Review

[illegible]

ICPMS ICSW AND SPIKING SOLUTIONS

4.00mL to 500mL Dilution of Inorganic Ventures QCP-CCV-1
k-mat 1/100 QCP-CCV-1

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Al	1500	150
Ba	1500	150
Co	2500	25
Mn	2500	25
Ni	2500	25
V	2500	25
Zn	2500	25
Cu	1250	12.5
Ag	1250	12.5
Cr	1000	10
Be	250	2.5

0.1mL to 100mL Dilution of 1000ppm Sb
k-mat 1ug/mL Sb

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Sb	1000	10

4.00mL to 500mL Dilution of Inorganic Ventures QCP-CICV-3
k-mat 1/100 QCP-CICV-3

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
As	5000	50
Pb	5000	50
Se	5000	50
Tl	5000	50
Be	2500	25

0.5mL to 100mL Dilution of 1,000 ppm Mo and 1,000 ppm U
k-mat Mo-U 5ppm

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Mo	5000	25
U	5000	25

Preparation Information Benchsheet

Prep Run	392303	**Prep Workflow**	HgOrgAqWS	**Status**	Draft	**Prep Date**	05/27/2021 17:06
Team:	Metals	**Prep Method**	EPA 1631E Rev. 2	**Current Step**	Digestion	**Due Date:**	07/02/2021
Analyst	ABGYEN	**Rush/NPDES**	N/A			**Hold Date:**	12/25/2021

24 Total Samples consisting of 20 Client Samples, 2 Blank QC Samples, 2 Batch QC Samples associated with the current Prep Run

Spiking Solutions

Name	Type	ID	Expires	Name	Type	ID	Expires
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Materials

Preparation Hardware / Equipment

Preparation Steps

Step	Started	Finished	By	Assisted By	Instrument	Completed
[illegible]					[illegible]	

Comments

[illegible]

Review

[illegible] [illegible]

Preparation Information Worksheet

Prep Run	382305	**Prep Workflow:**	HCL QAQMS	**Status**	Prepared	**Prep Date**	07/06/2021 13:11
Team	Metals	**Prep Method:**	EPA CLP LMM C	**Current Step:**	Digestion	**Due Date**	[illegible]
Analyst	[illegible]	**Rush/NPDES:**	N/A			**Hold Date**	[illegible]

[illegible]

19 Total Samples consisting of 15 Client Samples, 2 Client QC Samples, 2 Batch QC Samples associated with the current Prep Run.

Spiking Solutions

Name	Type	ID	Expiration	Name	Type	ID	Expiration
[illegible]	Spike	[illegible]	[illegible]	[illegible]	Spike	[illegible]	[illegible]
[illegible]	Spike	[illegible]	[illegible]	[illegible]	Spike	[illegible]	[illegible]

Preparation Materials

Step	Name	ID	Step	Name	ID
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			

Preparation Hardware / Equipment

Step	Name	Property	Value
[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	

Step	Name	Property	Value
[illegible]	[illegible]		
[illegible]	[illegible]		

Preparation Steps

Step	Started	Finished	By	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Comments

[illegible]

Review

[illegible]

ICP/MS LCSW AND SPIKING SOLUTIONS

5.00mL to 500mL Dilution of Inorganic Ventures QCP-CCV-1
k-met 1/1/09 QCP-CCV-1

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Al	10000	100
Ba	10000	100
Co	2500	25
Mn	2500	25
Ni	2500	25
V	2500	25
Zn	2500	25
Cu	1250	12.5
Ag	1250	12.5
Cr	1000	10
Se	250	2.5

5.00mL to 100mL Dilution of 1000ppm Sb
k-met 1ug/mL Sb

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Sb	1000	10

5.00mL to 500mL Dilution of Inorganic Ventures QCP-CCV-3
k-met 1/1/09 QCP-CCV-3

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
As	5000	50
Pb	5000	50
Se	5000	50
Tl	5000	50
Cd	2500	25

5.0mL to 100mL Dilution of 1000 ppm Mo and 1000 ppm U
k-met Mo/U 5ppm

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Mo	5000	25
U	5000	25

Preparation Information Benchsheet

Prep Run	38/305	**Prep Workflow**	MetD gAcMS	**Status**	Draft	**Prep Date**	08/29/2021 17:00
Team	Volatile	**Prep Method**	EPA CLP II MSA.0	**Current Step.**	Digestion	**Due Date**	10/10/2021
Analyst	ABOYER	**Rush/NPDES.**	N/A			**Hold Date.**	12/19/2021

[illegible]

19 Total Samples consisting of 15 Client Samples, 2 Client QC Samples, 2 Batch QC Samples associated with the current Prep Run

Spiking Solutions

Name	Type	ID	Expires	Name	Type	ID	Expires
[illegible]	Spike	[illegible]	[illegible]	[illegible]	Spike	[illegible]	[illegible]
[illegible]	Spike	[illegible]	[illegible] 2022	[illegible]	Spike	[illegible]	[illegible]

Preparation Materials

Preparation Hardware / Equipment

Preparation Steps

Step	Started	Finished	By	Approved By	Approval	Comments
[illegible]					[illegible]	

Comments

[illegible]

Review

Reviewed By	Date
[illegible]	[illegible]

Service Request # K2106953, K2107417
Calibration: 072221BICPMS06
ALS LIMS Run# 732 [illegible]
Pipette IDs 16006318, 19070685, 18010244
Pipette Check Due: 06/19/21
Cal Std: MS28-32-A ICSA: MS28-32-D
ICV Std: MS28-32-B ICSAB: MS28-32-E
LLICV Std: MS28-32-C
I.S. Solution: MS27-100-E
Tune Std MS28-3-A

ICP-MS Data Review Form

		Yes	No	NA
1	Appropriate standardization completed	X		
2.	ICV in control (+/- 10%)	X		
3.	CCV's in control (+/- 10%)	X		
4.	ICB/CCB's below MRL	X		
5	LLICV standard analyzed and in control	X		
6	ICS standards within 20% of true value			X
6	All analytes within instrument linear range	X		
7	Adequate rinse out time allowed	X		
8	Internal standards in control	X		
9	Interferences checked	X		
10	Was the run terminated? If so, why		X	

See Benchsheet exception report for sample batch QC information.
Comments [illegible]

Prep Batches. [illegible]

Primary Review by [illegible] Date [illegible]

Secondary Review by [illegible] Date 7/25/21

Data Review Form

Instrument ID#: K-ICP-MS-06
DataFile Name: R:\ICP\WIP\DATA\K-ICP-MS-06 (Agilent 7800)\072221B.csv
RUNNO: 732369

K2106953

No exceptions to report.

K2107417

K2107417-001PS - Metals D - 6020A

PS Recovery

6020A/Metals D - 56 Fe (He) Recovery 125 Limits 80 - 120
6020A/Metals D - 95 Mo (He) Recovery 132 Limits 80 - 120

K2107417-021PS - Metals T - 6020A

PS Recovery

6020A/Metals T - 95 Mo (He) Recovery 53 Limits 80 - 120

Primary Approver
Secondary Approver

Page 1 of 1

	Sample		Data File	Acq. Date-Time	Type	Level	Sample Name	Comment	Vial No.
1			[illegible]	2021 07 22 6 [illegible] PM	Sample		[illegible]		2
2			[illegible]	2021 07 22 6 [illegible] PM	Sample		[illegible]		1
3			[illegible]	2021 07 22 6 [illegible] PM	Calib	1	[illegible]		1
4			[illegible]	2021 07 22 6 [illegible] PM	Calib	2	[illegible]		2
5			[illegible]	2021 07 22 6 05 01 PM	ICV		ICV		2101
6			[illegible] CCV	2021 07 22 6 06 26 PM	CCV		CCV		2
7			[illegible]	2021 07 22 6 [illegible] PM	ICB		ICB		1
8			[illegible]	2021 07 22 6 [illegible] PM	CCB		CCB		1
9			[illegible]	2021 07 22 6 10 45 PM	LLCV		LLCVW		2102
10			[illegible]	2021 07 22 6 12 08 PM	ICSA		ICSA		2103
11			[illegible]	2021 07 22 6 13 30 PM	ICSB		ICSAB		2104
12			0125MPL	2021 07 22 6 14 53 PM	Sample		MQ 5 [illegible]		2105
13			0135MPL	2021 07 22 6 16 17 PM	Sample		K21 06953 00[illegible]	[illegible]	1308
14			0145MPL	2021 07 22 6 17 39 PM	Sample		K21 06953 00[illegible]	[illegible]	1309
15			0155MPL	2021 07 22 6 19 01 PM	Sample		K21 06953 00[illegible]	[illegible]	1310
16			0165MPL	2021 07 22 6 20 22 PM	Sample		K21 06953 00[illegible]	D [illegible]	1311
17			[illegible]	2021 07 22 6 21 44 PM	Sample		K21 06953 00[illegible]	D [illegible]	1312
18			[illegible]	2021 07 22 6 23 07 PM	Sample		K21 06953 00[illegible]	D [illegible]	1401
19			019 CCV	2021 07 22 6 24 30 PM	CCV		CCV		2
20			[illegible] CCB	2021 07 22 6 25 53 PM	CCB		CCB		1
21			[illegible] LLCCV	2021 07 22 6 27 1[illegible] PM	LLCCV		LLCCVW		2102
22			022 [illegible]	2021 07 22 6 32 57 PM	Pb		K021 1[illegible]		1402
23			023 [illegible]	2021 07 22 6 34 24 PM	[illegible]		K021 1[illegible]		1403
24			024 [illegible]	2021 07 22 6 35 46 PM	Array		K210 [illegible] 021	D	1404
25			[illegible]	2021 07 22 6 37 36 PM	Dup		K021 1030 03	D	1405
26			[illegible]	2021 07 22 6 38 3[illegible] PM	Sample		K210 417 021L	D 5A	1406
27			[illegible]	2021 07 22 6 39 53 PM	POS		K210 417 021A	D 1 5 [illegible]	1407
28			[illegible]	2021 07 22 6 41 16 PM	Spike		K021 1 [illegible]	D	1408
29			0295MPL	2021 07 22 6 42 38 PM	Sample		K21 0 [illegible] 022	D	1409
30			0305MPL	2021 07 22 6 44 01 PM	Sample		K21 0 [illegible] 023	D	1410
31			0315MPL	2021 07 22 6 45 23 PM	Sample		K21 0 [illegible] 024	D	1411
32			032 CCV	2021 07 22 6 46 46 PM	CCV		CCV		2
33			033 CCB	2021 07 22 6 48 09 PM	CCB		CCB		1
34			034 [illegible]	2021 07 22 6 50 45 PM	CCB		CCB		1
35			0355MPL	2021 07 22 6 52 13 PM	Sample		K210 417 025	D	1412
36			0365MPL	2021 07 22 6 53 35 PM	Sample		K210 417 034	D	1501
37			[illegible]	2021 07 22 6 54 57 PM	Sample		K210 417 035	D	1502
38			0385MPL	2021 07 22 6 56 18 PM	Sample		K210 417 026	D 10X	1503
39			0395MPL	2021 07 22 6 57 40 PM	Sample		K21 0 [illegible] 027	D 10X	1504
40			0405MPL	2021 07 22 6 59 02 PM	Sample		K21 0 [illegible] 028	D 10X	1505

	Sampler	Inj	Data File	Acq. Date-Time	Type	Level	Sample Name	Comment	Vial No
41			041SMPL	2021 07 22 7 00 26 PM	Sample		K210741-029	0.10X	1306
42			042SMPL	2021 07 22 7 01 49 PM	Sample		K210741-030	0.10X	1307
43			043SMPL	2021 07 22 7 03 11 PM	Sample		K210741-031	0.10X	1308
44			044SMPL	2021 07 22 7 04 33 PM	Sample		K210741-032	0.10X	1309
45			045 CCV	2021 07 22 7 05 19 PM	CCV		CCV		2
46			047 CCV	2021 07 22 7 11 13 PM	CCV		CCV		2
47			048 CCB	2021 07 22 7 12 37 PM	CCB		CCB		1
48			049LCCV	2021 07 22 7 14 02 PM	LCCV		LCCVW		2103
49			050 QC1.0	2021 07 22 7 16 04 PM	LCC		LCC10W JX		2202
50			051SMPL	2021 07 22 7 17 28 PM	Sample		K210741-033	0.10X	1310
51			052SMPL	2021 07 22 7 18 54 PM	Sample		K210741-034	0.100X (2%)	3258
52			053SMPL	2021 07 22 7 20 16 PM	Sample		K210741-035	0.1000X	3209
53			054SMPL	2021 07 22 7 21 39 PM	Sample		K210741-036	0.1000X	3210
54			055SMPL	2021 07 22 7 23 02 PM	Sample		K210741-037	0.1000X	3211
55			056 PB 0	2021 07 22 7 24 25 PM	PB		KG211090-01		1511
56			057 PB 0	2021 07 22 7 25 50 PM	PB		KG211090-02		1512
57			058 ICS 0	2021 07 22 7 27 12 PM	ICS		KG211090-03		1513
58			059 AuNP 0	2021 07 22 7 28 37 PM	AuNP		K210741-001		3101
59			060 Dye 0	2021 07 22 7 29 59 PM	Dye		KG211090-03		3102
60			061 CCV	2021 07 22 7 31 21 PM	CCV		CCV		2
61			062 CCB	2021 07 22 7 32 46 PM	CCB		CCB		1
62			063SMPL	2021 07 22 7 34 09 PM	Sample		K210741-001L	5X	3103
63			064 PCS 0	2021 07 22 7 37 01 PM	PCS		K210741-001A	1.00pm	3104
64			065 SPK 0	2021 07 22 7 38 54 PM	Spike		KG211090-04		3105
65			066SMPL	2021 07 22 7 42 46 PM	Sample		K210741-002		3106
66			067SMPL	2021 07 22 7 45 19 PM	Sample		K210741-003		3107
67			068SMPL	2021 07 22 7 48 31 PM	Sample		K210741-004		3108
68			069SMPL	2021 07 22 7 51 32 PM	Sample		K210741-005		3109
69			070SMPL	2021 07 22 7 54 15 PM	Sample		K210741-006		3110
70			071SMPL	2021 07 22 7 56 03 PM	Sample		K210741-007		3111
71			072SMPL	2021 07 22 7 59 52 PM	Sample		K210741-008	10X	3112
72			073 CCV	2021 07 22 8 02 57 PM	CCV		CCV		2
73			074 CCB	2021 07 22 8 05 45 PM	CCB		CCB		1
74			075SMPL	2021 07 22 8 08 38 PM	Sample		K210741-009	10X	3201
75			076SMPL	2021 07 22 8 11 30 PM	Sample		K210741-010	10X	3202
76			077SMPL	2021 07 22 8 14 24 PM	Sample		K210741-011	10X	3203
77			078SMPL	2021 07 22 8 17 17 PM	Sample		K210741-012	10X	3204
78			079SMPL	2021 07 22 8 20 09 PM	Sample		K210741-013	10X	3205
79			080SMPL	2021 07 22 8 23 01 PM	Sample		K210741-014	10X	3206
80			081SMPL	2021 07 22 8 25 53 PM	Sample		K210741-015	10X	3207

	Sampling								
		Type	Data File	Acq Date Time	Type	Level	Sample Name	Comment	Vial No.
81			082SMPL	2021 07 22 8 28 52 PM	Sample		K210341-028	100X	3398
82			083SMPL	2021 07 22 8 31 44 PM	Sample		K210341-029	100X	3399
83			084SMPL	2021 07 22 8 34 36 PM	Sample		K210341-030	100X	3300
84			085 CCV	2021 07 22 8 37 29 PM	CCV		CCV		2
85			086 CCB	2021 07 22 8 40 22 PM	CCB		CCB		1
86			087LCCV	2021 07 22 8 43 15 PM	LCCV		LCCVW		2302
87			088 LCCB	2021 07 22 8 46 10 PM	LCCB		LCCBW 24		2303
88			089SMPL	2021 07 22 8 49 03 PM	Sample		K210341-033	100X	3304
89			090 PB1A	2021 07 22 8 51 56 PM	PB		K0211289 01		3304
90			091 LCS 0	2021 07 22 8 54 46 PM	LCS		K0211989 02		3305
91			092 AB1 0	2021 07 22 8 57 39 PM	AB1		K210341-037	D	3306
92			093 DLD 0	2021 07 22 9 00 32 PM	DLD		K0211989 03	D	3307
93			094SMPL	2021 07 22 9 03 24 PM	Sample		K210341-038	D 5X	3308
94	*		095 PLR 0	2021 07 22 9 06 17 PM	PLR		K210341-038A	D 50X	3309
95			096 SRR 0	2021 07 22 9 09 09 PM	Sample		K0211989 04	D	3310
96			097SMPL	2021 07 22 9 12 01 PM	Sample		K210341-002	D	3311
97			098SMPL	2021 07 22 9 14 53 PM	Sample		K210341-003	D	3312
98			099 CCV	2021 07 22 9 17 46 PM	CCV		CCV		2
99			100 CCB	2021 07 22 9 20 39 PM	CCB		CCB		1
100			101SMPL	2021 07 22 9 23 32 PM	Sample		K210341-004	D	3401
101			102SMPL	2021 07 22 9 26 25 PM	Sample		K210341-005	D	3402
102			103SMPL	2021 07 22 9 29 17 PM	Sample		K210341-006	D	3403
103	*		104SMPL	2021 07 22 9 32 09 PM	Sample		K210341-007	D	3404
104	*		105SMPL	2021 07 22 9 35 01 PM	Sample		K210341-008	D	3405
105			106SMPL	2021 07 22 9 37 53 PM	Sample		K210341-009	D	3406
106			107SMPL	2021 07 22 9 40 45 PM	Sample		K210341-010	D	3407
107			108SMPL	2021 07 22 9 43 36 PM	Sample		K210341-011	D	3408
108			109SMPL	2021 07 22 9 46 29 PM	Sample		K210341-012	D	3409
109			110SMPL	2021 07 22 9 49 22 PM	Sample		K210341-013	D	3410
110			111 CCV	2021 07 22 9 52 14 PM	CCV		CCV		2
111			112 CCB	2021 07 22 9 55 07 PM	CCB		CCB		1
112			113SMPL	2021 07 22 9 58 02 PM	Sample		K210341-014	D	3411
113			114SMPL	2021 07 22 10 00 54 P	Sample		K210341-015	D	3412
114			115SMPL	2021 07 22 10 03 46 P	Sample		K210341-016	D	3413
115			116SMPL	2021 07 22 10 06 38 P	Sample		K210341-017	D	3414
116			117SMPL	2021 07 22 10 09 31 P	Sample		K210341-018	D	3415
117	*		118SMPL	2021 07 22 10 12 23 P	Sample		K210341-019	D	3416
118	*		119SMPL	2021 07 22 10 15 17 P	Sample		K210341-020	D	3417
119			120 CCV	2021 07 22 10 18 05 P	CCV		CCV		2
120			121 CCB	2021 07 22 10 20 59 P	CCB		CCB		1

	Sample		Data File	Acq. Date-Time	Type	Level	Sample Name	Comment	Vial No.
121			122_CCV	2021 07-22 10:25:54 P	CCV		CCV		2102
122			123_CCV2	2021 07-22 10:26:42 P	CCV		CCVW 2X		2202
123			124_PB_2	2021 07-22 10:29:42 P	PB		KQ21110588-01		1101
124			125_LCS_2	2021 07-22 10:32:34 P	LCS		KQ21110588-02		1102
125			126_MB_5	2021 07-22 10:35:26 P	Blank		KQ210413-001		1103
126			127_Dup_5	2021 07-22 10:38:18 P	Dup		KQ21110588-03		1104
127			128SVPL	2021 07-22 10:41:10 P	Sample		KQ210413-001	5X	1105
128			129_PDS_5	2021 07-22 10:44:02 P	PDS		KQ210413-001A	5X spike	1106
129			130_SRM_5	2021 07-22 10:46:54 P	Spike		KQ21110588-04		1107
130			131SVPL	2021 07-22 10:49:45 P	Sample		KQ210413-002		1108
131			132SVPL	2021 07-22 10:52:37 P	Sample		KQ210413-003		1109
132			133SVPL	2021 07-22 10:55:29 P	Sample		KQ210413-004		1110
133			134_CCV	2021 07-22 10:58:22 P	CCV		CCV		2
134			135_CCB	2021 07-22 11:01:15 P	CCB		CCB		1
135			136SVPL	2021 07-22 11:04:08 P	Sample		KQ210413-005		1111
136			137SVPL	2021 07-22 11:07:00 P	Sample		KQ210413-006		1112
137			138SVPL	2021 07-22 11:09:51 P	Sample		KQ210413-007		1201
138			139SVPL	2021 07-22 11:12:44 P	Sample		KQ210413-008		1202
139			140SVPL	2021 07-22 11:15:36 P	Sample		KQ210413-009		1203
140			141SVPL	2021 07-22 11:18:28 P	Sample		KQ210413-010		1204
141			142SVPL	2021 07-22 11:21:20 P	Sample		KQ210413-011		1205
142			143SVPL	2021 07-22 11:24:11 P	Sample		KQ210413-012		1206
143			144SVPL	2021 07-22 11:27:03 P	Sample		KQ210413-013		1207
144			145SVPL	2021 07-22 11:29:54 P	Sample		KQ210413-014		1208
145			146_CCV	2021 07-22 11:32:49 P	CCV		CCV		2
146			147_CCB	2021 07-22 11:35:42 P	CCB		CCB		1
147			148SVPL	2021 07-22 11:38:35 P	Sample		KQ210413-015		1209
148			149SVPL	2021 07-22 11:41:27 P	Sample		KQ210413-016		1210
149			150SVPL	2021 07-22 11:44:19 P	Sample		KQ210413-017		1211
150			151SVPL	2021 07-22 11:47:11 P	Sample		KQ210413-018		1212
151			152SVPL	2021 07-22 11:50:02 P	Sample		KQ210413-019		1301
152			153SVPL	2021 07-22 11:52:54 P	Sample		KQ210413-020		1302
153			154_CCV	2021 07-22 11:55:46 P	CCV		CCV		2
154			155_CCB	2021 07-22 11:58:39 P	CCB		CCB		1
155			156_CCV	2021 07-22 12:01:33 A	CCV		CCVW		2102
156			157_CCV2	2021 07-22 12:04:25 A	CCV		CCVW 2X		2202

Analyte

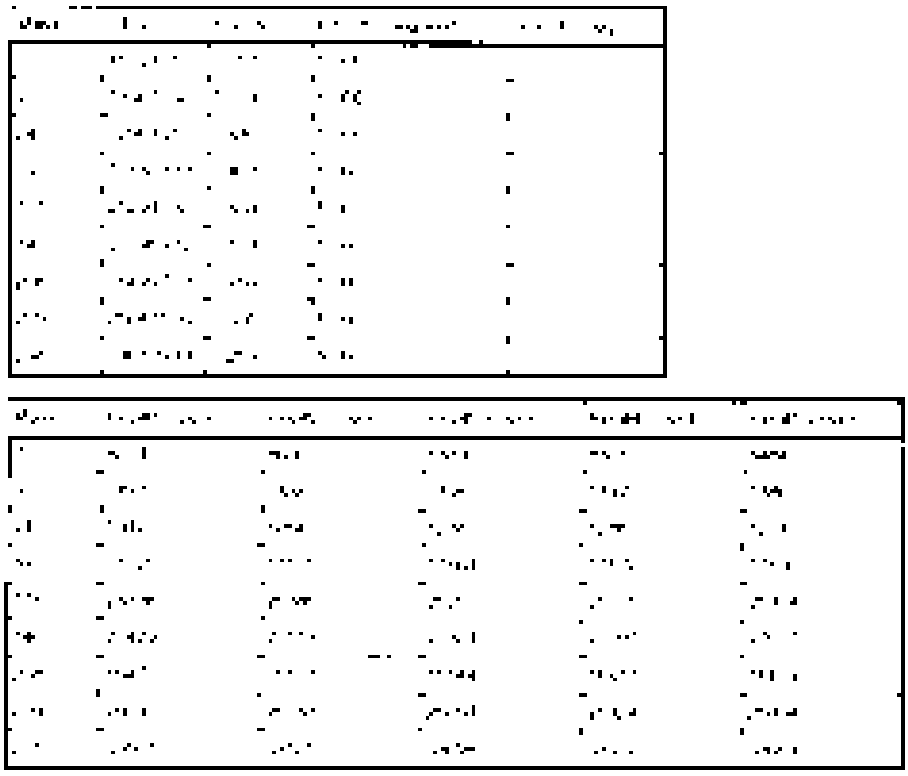
	Name	Mass	CRM	Time Mode	Units	Replicate
1	Fe	56	22	He	ug/l	3
2	As	75	22	He	ug/l	3

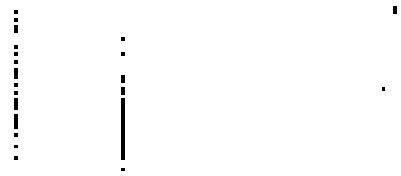
Analysis

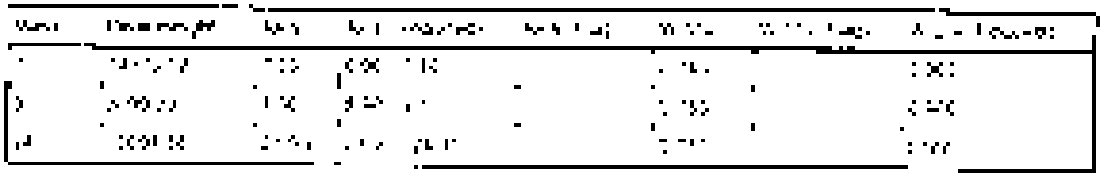
	Name	Mass	[illegible]	Long Mode	Group	Replicate
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3
3	[illegible]	[illegible]		[illegible]		3
4	[illegible]	[illegible]		[illegible]		3
5	[illegible]	[illegible]		[illegible]		3

US EPA Tune Check Report

[illegible]







US EPA Tune Check Report

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Hardware Settings

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Calibration Standard Report

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Initial Calibration Verification (ICV) Report

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Name	Mass	[illegible]	[illegible]	Conc	[illegible]	Conc % RSD	CPS	% Rec	QC Flag
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Continuing Calibration Verification (CCV) Report

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Name	Mass	[illegible]	Time Range	Conc	Units	Conc RSD	CPS	CPS Flag
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Name	Mass	Time Range	CPS	CPS RSD	Min CPS	[illegible]	CPS Flag
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Continuing Calibration Blank (CCB) Report

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Name	Rem	[illegible]	[illegible]	Conc	Units	Conc (RSD)	CPS	QC Flag
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Name	Rem	[illegible]	CPS	CPS (RSD)	Rel Conc	[illegible]	QC Flag
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Low Level Initial Calibration Verification (LLICV) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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Duplicate Sample Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Blank (CCB) Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Bank (PH) Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Reference Sample Report

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Duplicate Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Duplicate Sample Report

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Post Digest on Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Duplicate Sample Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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QC Analyte Table

Analyte	Matrix	[illegible]	Conc	Units	Conc RSD	[illegible]	[illegible]	[illegible]	Flag
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QC Mix Table

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Service Request # K2107417, K2107120, K2107118, K2107119
Calibration: 072321CICPMS08
ALS LIMS Run# 732[illegible]
Pipette IDs: 16006318, 19070665, 18010244
Pipette Check Due: 08/19/21
Cal Std. MS28-33-I
ICV Std: MS28-32-B
LLICV Std: MS28-33-J
I.S Solution: MS27-100-E
Tune Std: MS28-3-A
ICSA: MS28-32-D
ICSAB: MS28-32-E

ICP-MS Data Review Form

		Yes	No	NA
1	Appropriate standardization completed	X		
2	ICV in control (+/- 10%)	X		
3	CCV s in control (+/- 10%)	X		
4	ICB/CCB s below MRL	X		
5	LLICV standard analyzed and in control	X		
6	ICS standards within 20% of true value			X
6	All analytes within instrument linear range	X		
7	Acequate rinse out time allowed	X		
8	Internal standards in control	X		
9.	Interferences checked	X		
10	Was the run terminated? If so, why		X	

See Benchsheet exception report for sample batch QC information.
Comments [illegible]

Prep Batches [illegible]

Primary Review by [illegible] Date [illegible]

Secondary Review by [illegible] Date [illegible]

Data Review Form

Instrument ID# K-ICP-MS-06

DataFile Name. R:\ICPMSDATA\K-ICP-MS-06 (Agilent 7500)\072321C.csv

RUN NO. 732436

K2107118

No exceptions to report.

K2107119

No exceptions to report.

K2107120

No exceptions to report.

K2107417

No exceptions to report.

Primary Approver

Secondary Approver.

	Sample								
		Type	Data File	Acq. Date-Time	Type	Level	Sample Name	Comment	Vial No
1			001SMPL	2021 07 23 5 17 40 PM	Sample		[illegible]		2
2			002SMPL	2021 07 23 6 19 02 PM	Sample		[illegible]		1
3			003CALB	2021 07 23 6 20 24 PM	CalBlk		Blank		1
4			004CALS	2021 07 23 6 21 46 PM	CalStd	2	Std2b		2
5			005 CV4	2021 07 23 6 23 08 PM	CV		CV		2101
6			006 CCV	2021 07 23 6 24 32 PM	CCV		CCV		2
7			007 [illegible]	2021 07 23 6 25 54 PM	[illegible]		CB		1
8			008 CCU	2021 07 23 6 27 18 PM	CCU		CCB		1
9			009 CV 2	2021 07 23 6 28 41 PM	CV		CCVW		2102
10			010 CSA d	2021 07 23 6 30 03 PM	CSA		XCSA		2103
11			011 CSB d	2021 07 23 6 31 25 PM	CSB		CSAB		2104
12			012SMPL	2021 07 23 6 32 47 PM	Sample		MO STD		2105
13			013SMPL	2021 07 23 6 34 20 PM	Sample		K210741 002	0 10X	1402
14			014SMPL	2021 07 23 6 35 42 PM	Sample		K210741 003	0 10X	1403
15			015SMPL	2021 07 23 6 37 06 PM	Sample		K210741 019	0 10X	1404
16			016SMPL	2021 07 23 6 38 26 PM	Sample		K210741 020	0 10X	1405
17			017SMPL	2021 07 23 6 39 48 PM	Sample		K210741 007	10X	1407
18			018SMPL	2021 07 23 6 41 10 PM	Sample		K210741 008	10X	1407
19			019SMPL	2021 07 23 6 42 32 PM	Sample		K210741 015	10X	1408
20			020SMPL	2021 07 23 6 43 54 PM	Sample		K210741 016	10X	1409
21			021SMPL	2021 07 23 6 45 17 PM	Sample		K210741 019	10X	1410
22			022SMPL	2021 07 23 6 46 39 PM	Sample		K210741 020	10X	1411
23			023 CCV	2021 07 23 6 48 03 PM	CCV		CCV		2
24			024 CCB	2021 07 23 6 49 25 PM	CCB		CCB		1
25			025 CCB	2021 07 23 6 51 13 PM	CCB		CCB		1
26			026 CCV	2021 07 23 6 52 10 PM	ICCV		ICCVW		2102
27			027 CCI d	2021 07 23 6 53 03 PM	CCI		ICCVW 2x		2202
28			028SMPL	2021 07 23 6 55 56 PM	Sample		K210741 015	10X Total Metals S	1412
29			029SMPL	2021 07 23 6 56 44 PM	Sample		K210741 016	10X Total Metals S	1501
30			030SMPL	2021 07 23 6 58 07 PM	Sample		K210741 011	10X Dissolved Bal	1502
31			031SMPL	2021 07 23 6 59 32 PM	Sample		K210741 016	10X Dissolved Bal	1503
32			032 CCV	2021 07 23 7 04 25 PM	CCV		CCV		2
33			033 CCB	2021 07 23 7 06 15 PM	CCB		CCB		1
34			034 [illegible]	2021 07 23 7 08 12 PM	[illegible]		[illegible]		1504
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38			038SMPL	2021 07 23 7 15 42 PM	Sample		K210720 001L	5X	1508
39			039 PDS d	2021 07 23 7 17 34 PM	PDS		K210720 001A	150ppb	1509
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41		1	0415MPL	2021/07/23 7:21:17 PM	Sample		K210[illegible]20 002		[illegible]
42		1	0425MPL	2021/07/23 7:23:47 PM	Sample		K210[illegible]20 003		[illegible]
43		1	0435MPL	2021/07/23 7:26:04 PM	Sample		K210[illegible]20 004		[illegible]
44		1	044 CCV	2021/07/23 7:28:27 PM	CCV		CCV		2
45		1	045 CCB	2021/07/23 7:30:49 PM	CCB		CCB		1
46		1	0465MPL	2021/07/23 7:33:13 PM	Sample		K210[illegible]20 001	D	3102
47		1	0475MPL	2021/07/23 7:35:34 PM	Sample		K210[illegible]20 002	D	3103
48		1	0485MPL	2021/07/23 7:37:56 PM	Sample		K210[illegible]20 003	D	3104
49		1	0495MPL	2021/07/23 7:40:20 PM	Sample		K210[illegible]20 004	D	3105
50		1	0505MPL	2021/07/23 7:42:42 PM	Sample		K210[illegible]20 002	10X	3107
51		1	0515MPL	2021/07/23 7:45:04 PM	Sample		K210[illegible]20 002	D 10X	3108
52		1	052 CCV	2021/07/23 7:47:28 PM	CCV		CCV		2
53		1	053 CCB	2021/07/23 7:49:50 PM	CCB		CCB		1
54		1	0541CCV	2021/07/23 7:52:14 PM	LCCCVW		LCCCVW		2102
55		1	055 LCCVW 2	2021/07/23 7:54:37 PM	LCCVW		LCCCVW 2		2103
56		1	056 PIL 0	2021/07/23 7:57:00 PM	PIL		K2211456-01		3109
57			057 LCS 0	2021/07/23 7:59:23 PM	LCS		K2211456-02		3110
58		1	058 AHK 2	2021/07/23 8:01:45 PM	AHK		K210[illegible]18-001	D	3111
59		1	059 Dup 0	2021/07/23 8:04:08 PM	Dup		K2211456-03	D	3112
60		1	0605MPL	2021/07/23 8:06:30 PM	Sample		K210[illegible]18-001	10X	3201
61		1	061 FDS 4	2021/07/23 8:08:52 PM	FDS		K210[illegible]	10 500µL	3202
62		1	062 SPK 4	2021/07/23 8:11:14 PM	Spike		K2211456-04	D	3203
63		1	0635MPL	2021/07/23 8:13:37 PM	Sample		K210[illegible]18-002	D	3204
64		1	0645MPL	2021/07/23 8:15:59 PM	Sample		K210[illegible]18-003	D	3205
65		1	0655MPL	2021/07/23 8:18:21 PM	Sample		K210[illegible]18-004	D	3206
66		1	066 CCV	2021/07/23 8:20:43 PM	CCV		CCV		2
67		1	067 CCB	2021/07/23 8:23:05 PM	CCB		CCB		1
68		1	0685MPL	2021/07/23 8:25:28 PM	Sample		K210[illegible]18-005	D	3207
69		1	0695MPL	2021/07/23 8:27:51 PM	Sample		K210[illegible]18-006	D	3208
70		1	0705MPL	2021/07/23 8:30:13 PM	Sample		K210[illegible]18-007	D	3209
71		1	0715MPL	2021/07/23 8:32:36 PM	Sample		K210[illegible]18-008	D	3210
72		1	0725MPL	2021/07/23 8:34:58 PM	Sample		K210[illegible]18-009	D	3211
73		1	0735MPL	2021/07/23 8:37:20 PM	Sample		K210[illegible]18-010	D	3212
74		1	0745MPL	2021/07/23 8:39:42 PM	Sample		K210[illegible]18-001		3301
75		1	0755MPL	2021/07/23 8:42:04 PM	Sample		K210[illegible]18-002		3302
76		1	0765MPL	2021/07/23 8:44:26 PM	Sample		K210[illegible]18-003		3303
77		1	0775MPL	2021/07/23 8:46:48 PM	Sample		K210[illegible]18-004		3304
78		1	078 CCV	2021/07/23 8:49:11 PM	CCV		CCV		2
79		1	079 CCB	2021/07/23 8:51:34 PM	CCB		CCB		1
80		1	0805MPL	2021/07/23 8:53:57 PM	Sample		K210[illegible]18-005		3305

	Sample								
	Inj	Rpt	Data File	Acq Date-Time	Type	Level	Sample Name	Comment	Vol Inj
81	*		0813SMPL	2021 07 23 8:56:10 PM	Sample		K210715-006		3306
82			0823SMPL	2021 07-23 8:58:41 PM	Sample		K210718-007		3307
83			0833SMPL	2021 07-23 9:01:03 PM	Sample		K210718-008		3308
84			0843SMPL	2021 07 23 9:03:25 PM	Sample		K210718-009		3309
85	*		0853SMPL	2021 07 23 9:05:47 PM	Sample		K210718-010		3310
86			0863SMPL	2021 07 23 9:08:12 PM	Sample		K210718-004	LIMIX	3312
87			0873SMPL	2021 07 23 9:10:35 PM	Sample		K210715-005	LIMIX	3313
88			0883SMPL	2021 07 23 9:12:57 PM	Sample		K210715-004	ICP	3314
89			0893SMPL	2021 07-23 9:15:11 PM	Sample		K210718-006	ICP	3315
90			090 CCV	2021 07-23 9:17:42 PM	CCV		CCV		2
91			091 CCB	2021 07 23 9:20:08 PM	CCB		CCB		-
92			092LCCV	2021 07 23 9:22:27 PM	LLCCV		LLCCVW		2102
93			093 CCV	2021 07 23 9:24:51 PM	CCV		LLCCVW 2		2202
94			094 PB 1	2021 07 23 9:27:15 PM	PB		K021145-01		3404
95			095 ICSA	2021 07 23 9:29:37 PM	ICSA		K021145-02		3405
96			096 Arsenic	2021 07 23 9:31:59 PM	Arsenic		K210719-001		3406
97			097 Zinc	2021 07 23 9:34:21 PM	Zinc		K021145-03		3407
98			098SMPL	2021 07 23 9:36:41 PM	Sample		K210719-001	5X	3408
99	*		099 PDS 0	2021 07-23 9:39:05 PM	PDS		K210719-001A	4.500pc	3409
100	*		100 SPIKE	2021 07 23 9:41:27 PM	Spike		K021145-04		3410
101	*		101SMPL	2021 07 23 9:43:49 PM	Sample		K210719-002		3411
102			102SMPL	2021 07 23 9:46:11 PM	Sample		K210719-003		3412
103	*		103SMPL	2021 07 23 9:48:35 PM	Sample		K210719-004		3413
104			104 CCV	2021 07 23 9:50:58 PM	CCV		CCV		2
105	*		105 CCB	2021 07 23 9:53:20 PM	CCB		CCB		-
106			106 CCB	2021 07 23 9:55:42 PM	CCB		CCB		-
107			107SMPL	2021 07-23 9:58:07 PM	Sample		K210719-005		3507
108			108SMPL	2021 07 23 10:00:28 PM	Sample		K210719-006		3508
109			109SMPL	2021 07 23 10:02:50 PM	Sample		K210719-007		3509
110	*		110SMPL	2021 07 23 10:05:12 PM	Sample		K210719-008		3510
111			111SMPL	2021 07 23 10:07:37 PM	Sample		K210719-009		3511
112	*		112SMPL	2021 07 23 10:09:58 PM	Sample		K210719-010		3512
113			113SMPL	2021 07 23 10:12:22 PM	Sample		K210719-007	D	3513
114	*		114SMPL	2021 07 23 10:14:44 PM	Sample		K210719-007	D	3514
115			115SMPL	2021 07 23 10:17:06 PM	Sample		K210719-009	D	3515
116	*		116SMPL	2021 07 23 10:19:28 PM	Sample		K210719-004	D	3516
117			117 CCV	2021 07-23 10:21:51 PM	CCV		CCV		2
118			118 CCB	2021 07 23 10:24:15 PM	CCB		CCB		-
119			119SMPL	2021 07 23 10:26:38 PM	Sample		K210719-006	D	3512
120			120SMPL	2021 07 23 10:29:01 PM	Sample		K210719-006	D	3513

Samples

121			[illegible]	[illegible]	[illegible]	Sample	[illegible]	[illegible]			[illegible]
122			[illegible]	[illegible]	[illegible]	Sample	[illegible]	[illegible]			[illegible]
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124			[illegible]	[illegible]	[illegible]	Sample	[illegible]	[illegible]			[illegible]
125			[illegible]	[illegible]	[illegible]	CCV	CCV				7
126			[illegible]	[illegible]	[illegible]	CCB	CCB				1
127			[illegible]	[illegible]	[illegible]	CCB	CCB				-
128			[illegible]	[illegible]	[illegible]	LLCCV	LLCCVW				[illegible]
129			[illegible]	[illegible]	[illegible]	LLCCV	LLCCVW				[illegible]
130			[illegible]	[illegible]	[illegible]	QC1	LLCCVW 2A				[illegible]
131			[illegible]	[illegible]	[illegible]	QC1	LLCCVW 2A				[illegible]

Analyte

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1	Li	56	[illegible]	[illegible]	[illegible]	3
2	As	75	[illegible]	[illegible]	[illegible]	3
3	Mo	95	[illegible]	[illegible]	[illegible]	3
4	Mn	98	[illegible]	[illegible]	[illegible]	3
5	Sc	45		[illegible]		3
6	Ge	72		[illegible]		3
7	[illegible]	[illegible]		[illegible]		3

US EPA Tune Check Report

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US EPA Tune Check Report

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Calibration Batch Report

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Initial Calibration Verification (ICV) Report

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Name	Mass	[illegible]	[illegible]	Conc	[illegible]	Conc RSD	CPS	% Rec	QC Flag
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Name	Mass	[illegible]	CPS	[illegible]	[illegible]	% Rec	QC Flag
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Continuing Calibration Verification (CCV) Report

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Initial Calibration Blank (ICB) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Initial Calibration Verification (LLICV) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Name	Mass	Conc Units	CPS	CPS RSD	Net CPS	% Rec	QC Flag
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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Prep Bank (PB) Report

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Laboratory Control Sample (LCS) Report

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Reference Sample Report

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Duplicate Sample Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Summary Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Sample Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Analyte	Rt	RRT	Response Factor	Conc	Units	Conc. RSD	CPS	% Rec	QC Flag
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Analyte	Rt	RRT	Response Factor	CPS	Conc. RSD	Conc. Units	% Rec	QC Flag
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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Reference Sample Report

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Duplicate Sample Report

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Sample Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Sample Report

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Sample Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Name	Value	RT	Type Model	Conc	Units	Type Model	Area	% Rec	QC Flag
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

QC of IS Table

Name	Value	Type Model	Conc	Units	Area (IS)	% Rec	QC Flag
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Name	Weight	ISTD	Type	Conc.	Units	Area Ratio	RT	% Rec.	QC Flag
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

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Name	Weight	Type	Conc.	Units	Area Ratio	% Rec.	QC Flag
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Low Level Continuing Calibration Verification (LLCCV) Report

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Name	Mass	Vol	Type	Conc	Units	Conc (Std)	[illegible]	% Rec	QC Flag
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
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[illegible]	Mass	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	QC Flag
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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Duplicate Sample Report

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Sample Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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GC Analyte Values

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GC MS Values

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Name	Value
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Sample Report

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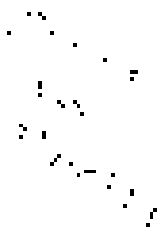

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Name	Value	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Continuing Calibration Blank (CCB) Report

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Sample Region

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Sample Report

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Sample Report

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Sample Report

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Name	Sample	[illegible]	Type	Date	[illegible]	Date RSD	CPS	SC Flag
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Sample Report

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OC Sample Table

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QC [illegible] Table

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Continuing Calibration Verification (CCV) Report

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Analyte Name	Mass	RSD	Tune Window	Time	Comp	Conc RSD	CPS	% Rec	Qualifiers
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

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Analyte	Mass	Tune Window	CPS	CPS RSD	Net LPS	% Rec	Qualifiers
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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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August 04, 2021

Analytical Report for Service Request No: K2107729

Jessica Goin
Anchor QEA, LLC
421 SW Sixth Ave.
Suite 750
Portland, OR 97204

RE: Grumman Rd MNR

Dear Jessica,

Enclosed are the results of the sample(s) submitted to our laboratory June 25, 2021
For your reference, these analyses have been assigned our service request number **K2107729.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3376. You may also contact me via email at Mark.Harris@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Mark Harris
Project Manager

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Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Case Narrative

ALS Environmental—Kelso Laboratory
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1317 South 13th Ave, Kelso, WA 98626 | 1-360-577-7222 | www.alsglobal.com

Client: Anchor QEA, LLC
Project: Grumman Rd MNR
Sample Matrix: Water

Service Request: K2107729
Date Received: 06/25/2021

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.

Sample Receipt:

Twelve water samples were received for analysis at ALS Environmental on 06/25/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

Method 6020A, 08/03/2021: The Method Blanks KQ2112384-01 and KQ2112385-01 contained low levels of Iron above the Method Reporting Limit (MRL). In accordance with ALS QA/QC policy, all sample results less than ten times the level found in the Method Blank were flagged as estimated.

General Chemistry:

No significant anomalies were noted with this analysis.

Approved by _____ Date 08/04/2021

Chain of Custody

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Environmental

CHAIN OF CUSTODY

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Sasha Norwood

Anchor QEA

CHAIN OF CUSTODY

Sahsa Norwood

Anchor QEA

Cooler Receipt and Preservation Form

Client _____ Service Request #: _____

Received: _____ Opened: _____ By: _____ Unpacked: _____ By: _____

1. Samples were received via: FedEx UPS Fed Ex USPS DHL FDX Courier Hand Delivered
2. Samples were received in: Cooler Box Envelope Other N/A
3. Were custody seals on coolers? N/A Y N If yes, how many and where?
   If present, were intact and signed/dated? Y N If present, were they signed and dated? Y N
4. Was a temperature blank present in cooler? N/A Y N If yes, locate the temperature in the appropriate column below.
   If no, take the temperature of a representative sample bottle contained within the cooler, enter at the column "Sample Temp".
5. Were samples received within the method specified temperature ranges? N/A Y N
   If no, were they received on ice and same day as collected? If not, locate the cooler # below and notify the PM N/A Y N
   If applicable, check sample condition upon receipt: Frozen Partially Thawed Thawed

Temp Blank	Sample Temp	IR Gun	Cooler # (C/C, D, etc.)	Out of Temp (within 48 hr?)	Sub Notified if Out of Temp	Tracking Number (Fed Ex, etc.)	Pass

6. Packing material: Anchors Baggies Bubble Wrap Cell Packs Foil Jars Dry Ice Sleeves _____
7. Were custody papers properly filled out (ink, signed, etc.)? N/A Y N
8. Were samples received in good condition (unbroken)? N/A Y N
9. Were all sample labels complete (id, analysis, preservation, etc.)? N/A Y N
10. Did all sample labels and tags agree with custody papers? N/A Y N
11. Were correct containers used for the analysis requested? N/A Y N
12. Were the pH-preserved bottles (see SMO GEN SOP) received at the appropriate pH? Indicate in the table below. N/A Y N
13. Were VOA vials received without headspace? Indicate in the table below. N/A Y N
14. Was C12/Res present? N/A Y N

Sample ID on Bottle	Sample ID on COC	Identified by:

Sample ID	Bottle Count Bottle Type	Hcl	NaOH	SO4	NH	Zn Acetate	Ascorbic acid	Reagent Lot Number	Initials	Pass

Notes, Discrepancies, Resolutions: _____

Cooler Receipt and Preservation Form

Client: [illegible]

Service Request #20[illegible]

Notes, Discrepancies & Resolutions:

[illegible]

General Chemistry

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21
Sample Matrix:	Water	**Date Received:**	06/25/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Chloride

Sample Name	Lab Code	Result		MRL	MDL	Dil.	Date Analyzed	Q
GR_GWC_15_108	K2107729-001	**3.95**		0.20	0.02	2	07/15/21 22:33	
GR_GWC_15_208	K2107729-002	**3.94**		0.20	0.02	2	07/15/21 23:11	
GR_GWC_20_108	K2107729-003	**30.4**		1.0	0.07	10	07/16/21 12:26	
GR_GWC_20_208	K2107729-004	**30.5**		1.0	0.07	10	07/16/21 12:46	
GR_GWC_15_008	K2107729-005	**3.94**		0.20	0.02	2	07/15/21 23:40	
GR_GWC_20_008	K2107729-006	**30.6**		1.0	0.07	10	07/16/21 13:34	
GR_GWC_15_112	K2107729-007	**4.77**		0.20	0.02	2	07/16/21 00:30	
GR_GWC_15_212	K2107729-008	**4.46**		0.20	0.02	2	07/16/21 00:39	
GR_GWC_20_112	K2107729-009	**31.7**		1.0	0.07	10	07/16/21 14:12	
GR_GWC_20_212	K2107729-010	**31.7**		1.0	0.07	10	07/16/21 14:31	
GR_GWC_15_012	K2107729-011	**4.47**		0.20	0.02	2	07/16/21 01:09	
GR_GWC_20_012	K2107729-012	**31.0**		1.0	0.07	10	07/16/21 15:30	
Method Blank	K2107729-MB1	ND	U	0.10	0.007	1	07/15/21 14:42	
Method Blank	K2107729-MB2	ND	U	0.10	0.007	1	07/15/21 19:58	
Method Blank	K2107729-MB3	ND	U	0.10	0.007	1	07/16/21 11:29	
Method Blank	K2107729-MB4	ND	U	0.10	0.007	1	07/16/21 19:22	
Method Blank	K2107729-MB5	ND	U	0.10	0.007	1	07/17/21 00:27	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project	Grumman Rd MNR	**Date Collected:**	06/18/21
Sample Matrix:	Water	**Date Received:**	06/25/21
		Date Analyzed:	07/15/21

Replicate Sample Summary
General Chemistry Parameters

Sample Name:	GR_GWC_15_108	**Units:**	mg/L
Lab Code:	K2107729-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample K2107729-001DUP Result	Average	RPD	RPD Limit
Chloride	300.0	0.20	0.02	3.95	3.90	3.93	1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21
Sample Matrix:	Water	**Date Received:**	06/25/21
		Date Analyzed:	07/15/21
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Chloride

Sample Name:	GR_GWC_15_108	**Units:**	mg/L
Lab Code:	K2107729-001	**Basis:**	NA
Analysis Method:	300.0		
Prep Method:	None		

		Matrix Spike K2107729-001MS			Duplicate Matrix Spike K2107729-001DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Chloride	3.95	11.2	8.00	91	11.5	8.00	95	90-110	3	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Analyzed:**	07/15/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Chloride

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	731291

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2107729-LCS1	4.83	5.00	97	90-110
Lab Control Sample	K2107729-LCS2	4.81	5.00	96	90-110

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Analyzed:**	07/16/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Chloride

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	731396

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2107729-LCS3	4.73	5.00	95	90-110
Lab Control Sample	K2107729-LCS4	4.86	5.00	97	90-110
Lab Control Sample	K2107729-LCS5	4.83	5.00	97	90-110

Client: Anchor QEA, LLC **Service Request:** K2107729
Project: Grumman Rd MNR

Continuing Calibration Verification (CCV) Summary

Chloride

Analysis Method: 300.0 **Units:** mg/L

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	731291	KQ2113293-01	07/15/21 14:14	5.00	4.78	96	90-110
CCV2	731291	KQ2113293-02	07/15/21 16:08	5.00	4.78	96	90-110
CCV3	731291	KQ2113293-03	07/15/21 18:11	5.00	4.52	90	90-110
CCV4	731291	KQ2113293-04	07/15/21 20:07	5.00	4.75	95	90-110
CCV5	731291	KQ2113293-05	07/15/21 22:03	5.00	4.78	96	90-110
CCV6	731291	KQ2113293-06	07/16/21 00:00	5.00	4.78	96	90-110
CCV7	731291	KQ2113293-07	07/16/21 01:29	5.00	4.78	96	90-110
CCV8	731396	KQ2113439-01	07/16/21 11:00	5.00	4.66	93	90-110
CCV9	731396	KQ2113439-02	07/16/21 12:55	5.00	4.78	96	90-110
CCV10	731396	KQ2113439-03	07/16/21 15:01	5.00	4.82	96	90-110
CCV11	731396	KQ2113439-04	07/16/21 17:44	5.00	4.88	98	90-110
CCV12	731396	KQ2113439-05	07/16/21 19:42	5.00	4.86	97	90-110
CCV13	731396	KQ2113439-06	07/16/21 21:40	5.00	4.86	97	90-110
CCV14	731396	KQ2113439-07	07/16/21 23:36	5.00	4.85	97	90-110
CCV15	731396	KQ2113439-08	07/17/21 01:36	5.00	4.83	97	90-110

Client: Anchor QEA, LLC **Service Request:**K2107729
Project: Grumman Rd MNR

Continuing Calibration Blank (CCB) Summary
Chloride

Analysis Method: 300.0 **Units:**mg/L

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	731291	KQ2113293-08	07/15/21 14:23	0.10	0.007	ND	U
CCB2	731291	KQ2113293-09	07/15/21 16:18	0.10	0.007	ND	U
CCB3	731291	KQ2113293-10	07/15/21 18:21	0.10	0.007	ND	U
CCB4	731291	KQ2113293-11	07/15/21 20:17	0.10	0.007	ND	U
CCB5	731291	KQ2113293-12	07/15/21 22:13	0.10	0.007	ND	U
CCB6	731291	KQ2113293-13	07/16/21 00:10	0.10	0.007	ND	U
CCB7	731291	KQ2113293-14	07/16/21 01:39	0.10	0.007	ND	U
CCB8	731396	KQ2113439-10	07/16/21 11:10	0.10	0.007	ND	U
CCB9	731396	KQ2113439-11	07/16/21 13:05	0.10	0.007	ND	U
CCB10	731396	KQ2113439-12	07/16/21 15:10	0.10	0.007	ND	U
CCB11	731396	KQ2113439-13	07/16/21 17:54	0.10	0.007	ND	U
CCB12	731396	KQ2113439-14	07/16/21 19:53	0.10	0.007	ND	U
CCB13	731396	KQ2113439-15	07/16/21 21:50	0.10	0.007	ND	U
CCB14	731396	KQ2113439-16	07/16/21 23:47	0.10	0.007	ND	U
CCB15	731396	KQ2113439-17	07/17/21 01:47	0.10	0.007	ND	U

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21
Sample Matrix:	Water	**Date Received:**	06/25/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Sulfate

Sample Name	Lab Code	Result		MRL	MDL	Dil.	Date Analyzed	Q
GR_GWC_15_108	K2107729-001	**80.3**		4.0	0.4	20	07/16/21 11:38	
GR_GWC_15_208	K2107729-002	**419**		20	2	100	07/16/21 12:17	
GR_GWC_20_108	K2107729-003	**1050**		40	4	200	07/16/21 12:36	
GR_GWC_20_208	K2107729-004	**1390**		80	8	400	07/16/21 13:14	
GR_GWC_15_008	K2107729-005	**42.4**		2.0	0.2	10	07/16/21 13:24	
GR_GWC_20_008	K2107729-006	**1020**		40	4	200	07/16/21 13:43	
GR_GWC_15_112	K2107729-007	**86.5**		4.0	0.4	20	07/16/21 13:53	
GR_GWC_15_212	K2107729-008	**438**		20	2	100	07/16/21 14:02	
GR_GWC_20_112	K2107729-009	**1090**		40	4	200	07/16/21 14:22	
GR_GWC_20_212	K2107729-010	**1520**		80	8	400	07/16/21 14:41	
GR_GWC_15_012	K2107729-011	**42.9**		2.0	0.2	10	07/16/21 15:20	
GR_GWC_20_012	K2107729-012	**1010**		40	4	200	07/16/21 15:40	
Method Blank	K2107729-MB1	ND	U	0.20	0.02	1	07/16/21 11:29	
Method Blank	K2107729-MB2	ND	U	0.20	0.02	1	07/16/21 19:22	
Method Blank	K2107729-MB3	ND	U	0.20	0.02	1	07/17/21 00:27	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project	Grumman Rd MNR	**Date Collected:**	06/18/21
Sample Matrix:	Water	**Date Received:**	06/25/21
		Date Analyzed:	07/16/21

Replicate Sample Summary
General Chemistry Parameters

Sample Name:	GR_GWC_15_108	**Units:**	mg/L
Lab Code:	K2107729-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample K2107729-001DUP Result	Average	RPD	RPD Limit
Sulfate	300.0	4.0	0.4	80.3	78.9	79.6	2	20

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Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21
Sample Matrix:	Water	**Date Received:**	06/25/21
		Date Analyzed:	07/16/21
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Sulfate

Sample Name:	GR_GWC_15_108	**Units:**	mg/L
Lab Code:	K2107729-001	**Basis:**	NA
Analysis Method:	300.0		
Prep Method:	None		

		Matrix Spike K2107729-001MS			**Duplicate Matrix Spike** K2107729-001DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Sulfate	80.3	160	80.0	99	158	80.0	98	90-110	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Analyzed:**	07/16/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Sulfate

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	731396

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2107729-LCS1	4.89	5.00	98	90-110
Lab Control Sample	K2107729-LCS2	5.25	5.00	105	90-110
Lab Control Sample	K2107729-LCS3	4.98	5.00	100	90-110

Client: Anchor QEA, LLC **Service Request:** K2107729
Project: Grumman Rd MNR

Continuing Calibration Verification (CCV) Summary

Sulfate

Analysis Method: 300.0 **Units:** mg/L

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	731396	KQ2113439-01	07/16/21 11:00	5.00	4.82	96	90-110
CCV2	731396	KQ2113439-02	07/16/21 12:55	5.00	5.21	104	90-110
CCV3	731396	KQ2113439-03	07/16/21 15:01	5.00	4.99	100	90-110
CCV4	731396	KQ2113439-04	07/16/21 17:44	5.00	5.07	101	90-110
CCV5	731396	KQ2113439-05	07/16/21 19:42	5.00	5.18	104	90-110
CCV6	731396	KQ2113439-06	07/16/21 21:40	5.00	5.08	102	90-110
CCV7	731396	KQ2113439-07	07/16/21 23:36	5.00	5.04	101	90-110
CCV8	731396	KQ2113439-08	07/17/21 01:36	5.00	5.02	100	90-110

Client: Anchor QEA, LLC **Service Request:**K2107729
Project: Grumman Rd MNR

Continuing Calibration Blank (CCB) Summary
Sulfate

Analysis Method: 300.0 **Units:**mg/L

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	731396	KQ2113439-10	07/16/21 11:10	0.20	0.02	ND	U
CCB2	731396	KQ2113439-11	07/16/21 13:05	0.20	0.02	ND	U
CCB3	731396	KQ2113439-12	07/16/21 15:10	0.20	0.02	ND	U
CCB4	731396	KQ2113439-13	07/16/21 17:54	0.20	0.02	ND	U
CCB5	731396	KQ2113439-14	07/16/21 19:53	0.20	0.02	ND	U
CCB6	731396	KQ2113439-15	07/16/21 21:50	0.20	0.02	ND	U
CCB7	731396	KQ2113439-16	07/16/21 23:47	0.20	0.02	ND	U
CCB8	731396	KQ2113439-17	07/17/21 01:47	0.20	0.02	ND	U

Metals

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21 19:35
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_108	**Basis:**	NA
Lab Code:	K2107729-001		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**5.83**	ug/L	0.50	0.09	1	08/03/21 16:42	07/13/21	
Iron	6020A	**141**	ug/L	4.0	0.3	1	08/03/21 16:42	07/13/21	
Molybdenum	6020A	**88.7**	ug/L	0.10	0.03	1	08/03/21 16:42	07/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21 19:35
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_108	**Basis:**	NA
Lab Code:	K2107729-001		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**46.0**	ug/L	0.50	0.09	1	08/03/21 16:04	07/13/21	
Iron	6020A	**3560**	ug/L	4.0	0.3	1	08/03/21 16:04	07/13/21	
Molybdenum	6020A	**90.0**	ug/L	0.10	0.03	1	08/03/21 16:04	07/13/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21 19:50
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_208	**Basis:**	NA
Lab Code:	K2107729-002		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**1.31**	ug/L	0.50	0.09	1	08/03/21 16:43	07/13/21	
Iron	6020A	**38300**	ug/L	4.0	0.3	1	08/03/21 16:43	07/13/21	
Molybdenum	6020A	**0.17**	ug/L	0.10	0.03	1	08/03/21 16:43	07/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21 19:50
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_208	**Basis:**	NA
Lab Code:	K2107729-002		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**9.21**	ug/L	0.50	0.09	1	08/03/21 16:11	07/13/21	
Iron	6020A	**45000**	ug/L	4.0	0.3	1	08/03/21 16:11	07/13/21	
Molybdenum	6020A	**2.12**	ug/L	0.10	0.03	1	08/03/21 16:11	07/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21 20:00
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_108	**Basis:**	NA
Lab Code:	K2107729-003		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**3.98**	ug/L	0.50	0.09	1	08/03/21 16:45	07/13/21	
Iron	6020A	**76.5**	ug/L	4.0	0.3	1	08/03/21 16:45	07/13/21	X
Molybdenum	6020A	**504**	ug/L	0.10	0.03	1	08/03/21 16:45	07/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21 20:00
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_108	**Basis:**	NA
Lab Code:	K2107729-003		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**43.6**	ug/L	0.50	0.09	1	08/03/21 16:13	07/13/21	
Iron	6020A	**3130**	ug/L	4.0	0.3	1	08/03/21 16:13	07/13/21	
Molybdenum	6020A	**514**	ug/L	0.10	0.03	1	08/03/21 16:13	07/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21 20:10
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_208	**Basis:**	NA
Lab Code:	K2107729-004		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**0.18**	**J**	ug/L	0.50	0.09	1	08/03/21 16:46	07/13/21	
Iron	6020A	**105000**		ug/L	40	3	10	08/03/21 17:18	07/13/21	
Molybdenum	6020A	**1.28**		ug/L	0.10	0.03	1	08/03/21 16:46	07/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21 20:10
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_208	**Basis:**	NA
Lab Code:	K2107729-004		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**9.74**	ug/L	0.50	0.09	1	08/03/21 16:14	07/13/21	
Iron	6020A	**110000**	ug/L	40	3	10	08/03/21 17:14	07/13/21	
Molybdenum	6020A	**20.8**	ug/L	0.10	0.03	1	08/03/21 16:14	07/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21 18:15
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_008	**Basis:**	NA
Lab Code:	K2107729-005		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**220**	ug/L	0.50	0.09	1	08/03/21 17:06	07/13/21	
Iron	6020A	**346**	ug/L	4.0	0.3	1	08/03/21 17:06	07/13/21	
Molybdenum	6020A	**95.3**	ug/L	0.10	0.03	1	08/03/21 17:06	07/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21 18:15
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_008	**Basis:**	NA
Lab Code:	K2107729-005		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**251**	ug/L	0.50	0.09	1	08/03/21 16:34	07/13/21	
Iron	6020A	**491**	ug/L	4.0	0.3	1	08/03/21 16:34	07/13/21	
Molybdenum	6020A	**97.9**	ug/L	0.10	0.03	1	08/03/21 16:34	07/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21 18:30
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_008	**Basis:**	NA
Lab Code:	K2107729-006		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**231**	ug/L	0.50	0.09	1	08/03/21 17:07	07/13/21	
Iron	6020A	**305**	ug/L	4.0	0.3	1	08/03/21 17:07	07/13/21	
Molybdenum	6020A	**564**	ug/L	0.10	0.03	1	08/03/21 17:07	07/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21 18:30
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_008	**Basis:**	NA
Lab Code:	K2107729-006		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**228**	ug/L	0.50	0.09	1	08/03/21 16:35	07/13/21	
Iron	6020A	**320**	ug/L	4.0	0.3	1	08/03/21 16:35	07/13/21	
Molybdenum	6020A	**564**	ug/L	0.10	0.03	1	08/03/21 16:35	07/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21 19:00
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_112	**Basis:**	NA
Lab Code:	K2107729-007		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**7.47**	ug/L	0.50	0.09	1	08/03/21 17:09	07/13/21	
Iron	6020A	**141**	ug/L	4.0	0.3	1	08/03/21 17:09	07/13/21	
Molybdenum	6020A	**102**	ug/L	0.10	0.03	1	08/03/21 17:09	07/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21 19:00
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_112	**Basis:**	NA
Lab Code:	K2107729-007		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**145**	ug/L	0.50	0.09	1	08/03/21 16:36	07/13/21	
Iron	6020A	**12800**	ug/L	4.0	0.3	1	08/03/21 16:36	07/13/21	
Molybdenum	6020A	**101**	ug/L	0.10	0.03	1	08/03/21 16:36	07/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21 19:10
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_212	**Basis:**	NA
Lab Code:	K2107729-008		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**4.01**	ug/L	0.50	0.09	1	08/03/21 17:10	07/13/21	
Iron	6020A	**38600**	ug/L	4.0	0.3	1	08/03/21 17:10	07/13/21	
Molybdenum	6020A	**0.43**	ug/L	0.10	0.03	1	08/03/21 17:10	07/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21 19:10
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_212	**Basis:**	NA
Lab Code:	K2107729-008		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**214**	ug/L	0.50	0.09	1	08/03/21 16:38	07/13/21	
Iron	6020A	**196000**	ug/L	40	3	10	08/03/21 17:16	07/13/21	
Molybdenum	6020A	**86.3**	ug/L	0.10	0.03	1	08/03/21 16:38	07/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21 19:20
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_112	**Basis:**	NA
Lab Code:	K2107729-009		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**5.84**	ug/L	0.50	0.09	1	08/03/21 17:11	07/13/21	
Iron	6020A	**70.4**	ug/L	4.0	0.3	1	08/03/21 17:11	07/13/21	X
Molybdenum	6020A	**563**	ug/L	0.10	0.03	1	08/03/21 17:11	07/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21 19:20
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_112	**Basis:**	NA
Lab Code:	K2107729-009		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**182**	ug/L	0.50	0.09	1	08/03/21 16:39	07/13/21	
Iron	6020A	**16300**	ug/L	4.0	0.3	1	08/03/21 16:39	07/13/21	
Molybdenum	6020A	**569**	ug/L	0.10	0.03	1	08/03/21 16:39	07/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21 19:30
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_212	**Basis:**	NA
Lab Code:	K2107729-010		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**0.58**	ug/L	0.50	0.09	1	08/03/21 17:13	07/13/21	
Iron	6020A	**95100**	ug/L	40	3	10	08/03/21 17:23	07/13/21	
Molybdenum	6020A	**1.31**	ug/L	0.10	0.03	1	08/03/21 17:13	07/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21 19:30
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_212	**Basis:**	NA
Lab Code:	K2107729-010		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**224**	ug/L	0.50	0.09	1	08/03/21 16:41	07/13/21	
Iron	6020A	**200000**	ug/L	40	3	10	08/03/21 17:17	07/13/21	
Molybdenum	6020A	**510**	ug/L	0.10	0.03	1	08/03/21 16:41	07/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21 17:45
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_012	**Basis:**	NA
Lab Code:	K2107729-011		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**207**	ug/L	0.50	0.09	1	08/03/21 15:50	07/13/21	
Iron	6020A	**179**	ug/L	4.0	0.3	1	08/03/21 15:50	07/13/21	
Molybdenum	6020A	**94.5**	ug/L	0.10	0.03	1	08/03/21 15:50	07/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21 17:45
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_15_012	**Basis:**	NA
Lab Code:	K2107729-011		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**240**	ug/L	0.50	0.09	1	08/03/21 15:42	07/13/21	
Iron	6020A	**427**	ug/L	4.0	0.3	1	08/03/21 15:42	07/13/21	
Molybdenum	6020A	**92.5**	ug/L	0.10	0.03	1	08/03/21 15:42	07/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21 18:00
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_012	**Basis:**	NA
Lab Code:	K2107729-012		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**233**	ug/L	0.50	0.09	1	08/03/21 15:51	07/13/21	
Iron	6020A	**305**	ug/L	4.0	0.3	1	08/03/21 15:51	07/13/21	
Molybdenum	6020A	**563**	ug/L	0.10	0.03	1	08/03/21 15:51	07/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21 18:00
Sample Matrix:	Water	**Date Received:**	06/25/21 12:20
Sample Name:	GR_GWC_20_012	**Basis:**	NA
Lab Code:	K2107729-012		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**231**	ug/L	0.50	0.09	1	08/03/21 15:48	07/13/21	
Iron	6020A	**318**	ug/L	4.0	0.3	1	08/03/21 15:48	07/13/21	
Molybdenum	6020A	**551**	ug/L	0.10	0.03	1	08/03/21 15:48	07/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2112384-01		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	0.50	0.09	1	08/03/21 16:02	07/13/21	
Iron	6020A	**7.9**		ug/L	4.0	0.3	1	08/03/21 16:02	07/13/21	
Molybdenum	6020A	ND	U	ug/L	0.10	0.03	1	08/03/21 16:02	07/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2112385-01		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	0.50	0.09	1	08/03/21 15:39	07/13/21	
Iron	6020A	**7.1**		ug/L	4.0	0.3	1	08/03/21 15:39	07/13/21	
Molybdenum	6020A	ND	U	ug/L	0.10	0.03	1	08/03/21 15:39	07/13/21	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project	Grumman Rd MNR	**Date Collected:**	06/18/21
Sample Matrix:	Water	**Date Received:**	06/25/21
		Date Analyzed:	08/03/21

Replicate Sample Summary
Total Metals

Sample Name:	GR_GWC_15_108	**Units:**	ug/L
Lab Code:	K2107729-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2112384-03 Result	Average	RPD	RPD Limit
Arsenic	6020A	0.50	0.09	46.0	45.0	45.5	2	20
Iron	6020A	4.0	0.3	3560	3480	3520	2	20
Molybdenum	6020A	0.10	0.03	90.0	89.1	89.6	1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project	Grumman Rd MNR	**Date Collected:**	06/18/21
Sample Matrix:	Water	**Date Received:**	06/25/21
		Date Analyzed:	08/03/21

Replicate Sample Summary
Total Metals

Sample Name:	GR_GWC_15_012	**Units:**	ug/L
Lab Code:	K2107729-011	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2112385-03 Result	Average	RPD	RPD Limit
Arsenic	6020A	0.50	0.09	240	232	236	3	20
Iron	6020A	4.0	0.3	427	420	424	2	20
Molybdenum	6020A	0.10	0.03	92.5	92.2	92.4	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21
Sample Matrix:	Water	**Date Received:**	06/25/21
		Date Analyzed:	08/3/21
		Date Extracted:	07/13/21

Matrix Spike Summary
Total Metals

Sample Name:	GR_GWC_15_108	**Units:**	ug/L
Lab Code:	K2107729-001	**Basis:**	NA
Analysis Method:	6020A		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2112384-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	46.0	94.9	50.0	98	75-125
Iron	3560	3500	50.0	-120 #	75-125
Molybdenum	90.0	117	25.0	107	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Collected:**	06/18/21
Sample Matrix:	Water	**Date Received:**	06/25/21
		Date Analyzed:	08/3/21
		Date Extracted:	07/13/21

Matrix Spike Summary
Total Metals

Sample Name:	GR_GWC_15_012	**Units:**	ug/L
Lab Code:	K2107729-011	**Basis:**	NA
Analysis Method:	6020A		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2112385-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	240	288	50.0	98 #	75-125
Iron	427	480	50.0	105 #	75-125
Molybdenum	92.5	120	25.0	110	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2107729
Project:	Grumman Rd MNR	**Date Analyzed:**	08/03/21
Sample Matrix:	Water		

Lab Control Sample Summary
Total Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2112384-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6020A	50.7	50.0	101	80-120
Iron	6020A	57.7	50.0	115	80-120
Molybdenum	6020A	27.3	25.0	109	80-120

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QA/QC Report

Client: Anchor QEA, LLC
Project: Grumman Rd MNR
Sample Matrix: Water

Service Request: K2107729
Date Analyzed: 08/03/21

Lab Control Sample Summary
Total Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2112385-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6020A	50.4	50.0	101	80-120
Iron	6020A	57.2	50.0	114	80-120
Molybdenum	6020A	26.6	25.0	107	80-120

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Prep Summary Report

Client: Anchor QEA, LLC **Service Request:** K2107729
Project: Grumman Rd MNR
Sample Matrix: Water

Metals

Prep Method: EPA CLP ILM04.0 **Extraction Lot:** 382655
Analytical Method: 6020A **Extraction Date:** 07/13/21 11:50

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Amount	Percent Solids
GR_GWC_15_108	K2107729-001	6/18/21	6/25/21	10 mL	10 mL	
GR_GWC_15_208	K2107729-002	6/18/21	6/25/21	10 mL	10 mL	
GR_GWC_20_108	K2107729-003	6/18/21	6/25/21	10 mL	10 mL	
GR_GWC_20_208	K2107729-004	6/18/21	6/25/21	10 mL	10 mL	
GR_GWC_15_008	K2107729-005	6/18/21	6/25/21	10 mL	10 mL	
GR_GWC_20_008	K2107729-006	6/18/21	6/25/21	10 mL	10 mL	
GR_GWC_15_112	K2107729-007	6/18/21	6/25/21	10 mL	10 mL	
GR_GWC_15_212	K2107729-008	6/18/21	6/25/21	10 mL	10 mL	
GR_GWC_20_112	K2107729-009	6/18/21	6/25/21	10 mL	10 mL	
GR_GWC_20_212	K2107729-010	6/18/21	6/25/21	10 mL	10 mL	
GR_GWC_15_108	K2107729-001	6/18/21	6/25/21	10 mL	10 mL	
GR_GWC_15_208	K2107729-002	6/18/21	6/25/21	10 mL	10 mL	
GR_GWC_20_108	K2107729-003	6/18/21	6/25/21	10 mL	10 mL	
GR_GWC_20_208	K2107729-004	6/18/21	6/25/21	10 mL	10 mL	
GR_GWC_15_008	K2107729-005	6/18/21	6/25/21	10 mL	10 mL	
GR_GWC_20_008	K2107729-006	6/18/21	6/25/21	10 mL	10 mL	
GR_GWC_15_112	K2107729-007	6/18/21	6/25/21	10 mL	10 mL	
GR_GWC_15_212	K2107729-008	6/18/21	6/25/21	10 mL	10 mL	
GR_GWC_20_112	K2107729-009	6/18/21	6/25/21	10 mL	10 mL	
GR_GWC_20_212	K2107729-010	6/18/21	6/25/21	10 mL	10 mL	
Method Blank	KQ2112384-01MB	NA	NA	10 mL	10 mL	
Lab Control Sample	KQ2112384-02LCS	NA	NA	10 mL	10.3 mL	
Duplicate	KQ2112384-03DUP	6/18/21	6/25/21	10 mL	10 mL	
Matrix Spike	KQ2112384-04MS	6/18/21	6/25/21	10 mL	10.3 mL	

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Prep Summary Report

Client: Anchor QEA, LLC
Project: Grumman Rd MNR
Sample Matrix: Water

Service Request: K2107729

Metals

Prep Method: EPA CLP ILM04.0
Analytical Method: 6020A

Extraction Lot: 382656
Extraction Date: 07/13/21 11:50

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Amount	Percent Solids
GR_GWC_15_012	K2107729-011	6/18/21	6/25/21	10 mL	10 mL	
GR_GWC_20_012	K2107729-012	6/18/21	6/25/21	10 mL	10 mL	
GR_GWC_15_012	K2107729-011	6/18/21	6/25/21	10 mL	10 mL	
GR_GWC_20_012	K2107729-012	6/18/21	6/25/21	10 mL	10 mL	
Method Blank	KQ2112385-01MB	NA	NA	10 mL	10 mL	
Lab Control Sample	KQ2112385-02LCS	NA	NA	10 mL	10.3 mL	
Duplicate	KQ2112385-03DUP	6/18/21	6/25/21	10 mL	10 mL	
Matrix Spike	KQ2112385-04MS	6/18/21	6/25/21	10 mL	10.3 mL	

Client: Anchor QEA, LLC **Service Request:** K2107729
Project: Grumman Rd MNR

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits
ICV 08/03/21 15:13						
Arsenic	6020A	733604	23.8	25.0	95	90-110
Iron	6020A	733604	47.1	50.0	94	90-110
Molybdenum	6020A	733604	24.5	25.0	98	90-110
CCV 08/03/21 15:14						
Arsenic	6020A	733604	24.8	25.0	99	90-110
Iron	6020A	733604	245	250	98	90-110
Molybdenum	6020A	733604	12.6	12.5	101	90-110
CCV 08/03/21 15:53						
Arsenic	6020A	733604	25.0	25.0	100	90-110
Iron	6020A	733604	247	250	99	90-110
Molybdenum	6020A	733604	12.7	12.5	102	90-110
CCV 08/03/21 16:31						
Arsenic	6020A	733604	24.8	25.0	99	90-110
Iron	6020A	733604	249	250	100	90-110
Molybdenum	6020A	733604	13.0	12.5	104	90-110
CCV 08/03/21 17:03						
Arsenic	6020A	733604	24.9	25.0	100	90-110
Iron	6020A	733604	251	250	100	90-110
Molybdenum	6020A	733604	12.9	12.5	103	90-110
CCV 08/03/21 17:20						
Arsenic	6020A	733604	25.4	25.0	101	90-110
Iron	6020A	733604	249	250	100	90-110
Molybdenum	6020A	733604	13.0	12.5	104	90-110
CCV 08/03/21 17:24						
Arsenic	6020A	733604	25.4	25.0	102	90-110
Iron	6020A	733604	254	250	102	90-110
Molybdenum	6020A	733604	12.7	12.5	102	90-110

Client: Anchor QEA, LLC **Service Request:** K2107729
Project: Grumman Rd MNR

INITIAL AND CONTINUING CALIBRATION BLANKS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	C
ICB 08/03/21 15:16				
Arsenic	6020A	733604	0.09	U
Iron	6020A	733604	-0.540	J
Molybdenum	6020A	733604	0.03	U
CCB 08/03/21 15:17				
Arsenic	6020A	733604	0.09	U
Iron	6020A	733604	-0.547	J
Molybdenum	6020A	733604	0.03	U
CCB 08/03/21 15:57				
Arsenic	6020A	733604	0.09	U
Iron	6020A	733604	-0.883	J
Molybdenum	6020A	733604	0.03	U
CCB 08/03/21 16:32				
Arsenic	6020A	733604	0.09	U
Iron	6020A	733604	-0.775	J
Molybdenum	6020A	733604	0.03	U
CCB 08/03/21 17:05				
Arsenic	6020A	733604	0.09	U
Iron	6020A	733604	0.3	U
Molybdenum	6020A	733604	0.03	U
CCB 08/03/21 17:21				
Arsenic	6020A	733604	0.09	U
Iron	6020A	733604	2.6	J
Molybdenum	6020A	733604	0.03	U
CCB 08/03/21 17:25				
Arsenic	6020A	733604	0.09	U
Iron	6020A	733604	1.6	J
Molybdenum	6020A	733604	0.03	U

Client: Anchor QEA, LLC **Service Request:** K2107729
Project: Grumman Rd MNR

LOW LEVEL INITIAL AND LOW LEVEL CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
LLICV							
Arsenic	6020A	733604	0.44	0.5	88	70-130	08/03/21 15:20
Molybdenum	6020A	733604	0.098	0.1	98	70-130	08/03/21 15:20
LLICV							
Iron	6020A	733604	3.2	4.0	80	70-130	08/03/21 15:23
LLCCV							
Arsenic	6020A	733604	0.51	0.5	102	70-130	08/03/21 15:59
Molybdenum	6020A	733604	0.094	0.1	94	70-130	08/03/21 15:59
LLCCV							
Iron	6020A	733604	3.0	4.0	76	70-130	08/03/21 16:00
LLCCV							
Arsenic	6020A	733604	0.48	0.5	96	70-130	08/03/21 17:27
Molybdenum	6020A	733604	0.097	0.1	97	70-130	08/03/21 17:27
LLCCV							
Iron	6020A	733604	5.0	4.0	125	70-130	08/03/21 17:28

Client: Anchor QEA, LLC **Service Request:** K2107729
Project: Grumman Rd MNR

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSA **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Arsenic	6020A	733604	0.14	-	-	-	08/03/21 15:24
Iron	6020A	733604	46900	-	-	-	08/03/21 15:24
Molybdenum	6020A	733604	49.9	-	-	-	08/03/21 15:24

Client: Anchor QEA, LLC **Service Request:** K2107729
Project: Grumman Rd MNR

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSAB **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Arsenic	6020A	733604	23.2	25.0	93	80-120	08/03/21 15:26
Iron	6020A	733604	46500	-	-	-	08/03/21 15:26
Molybdenum	6020A	733604	50.3	-	-	-	08/03/21 15:26

Client: Anchor QEA, LLC **Service Request:** K2107729
Project: Grumman Rd MNR

POST SPIKE SAMPLE RECOVERY

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Post Spike Result	True Value	% Rec	% Rec. Limits	Analysis Date
K2107729-001A								
Arsenic	6020A	733604	46.0	92.3	50.0	93	80-120	08/03/21 16:08
Iron	6020A	733604	3560	3480	50.0	-169 #	80-120	08/03/21 16:08
Molybdenum	6020A	733604	90.0	137	50.0	95	80-120	08/03/21 16:08
K2107729-011A								
Arsenic	6020A	733604	240	287	50.0	94 #	80-120	08/03/21 15:46
Iron	6020A	733604	427	480	50.0	107 #	80-120	08/03/21 15:46
Molybdenum	6020A	733604	92.5	142	50.0	98	80-120	08/03/21 15:46

Results flagged with a pound (#) indicate the control criteria is not applicable.

Client: Anchor QEA, LLC **Service Request:** K2107729
Project: Grumman Rd MNR

ICP SERIAL DILUTIONS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Serial Dillution Result	% Diff	% Diff. Limit	Analysis Date
K2107729-001SDL							
Arsenic	6020A	733604	46.0	45.2	2	10	08/03/21 16:07
Iron	6020A	733604	3560	3510	1	10	08/03/21 16:07
Molybdenum	6020A	733604	90.0	88.3	2	10	08/03/21 16:07
K2107729-011SDL							
Arsenic	6020A	733604	240	236	1	10	08/03/21 15:44
Iron	6020A	733604	427	424	1	10	08/03/21 15:44
Molybdenum	6020A	733604	92.5	93.7	1	10	08/03/21 15:44

Client: Anchor QEA, LLC **Service Request:** K2107729
Project: Grumman Rd MNR/

Detection Limits

Instrument: K-ICP-MS-06 **Matrix:** Water

Analyte	Mass	Units	MRL	MDL	Method
Arsenic	75	ug/L	0.5	0.09	6020A
Iron	56	ug/L	4	0.3	6020A
Molybdenum	98	ug/L	0.1	0.03	6020A

Client: Anchor QEA, LLC **Service Request:** K2107729
Project: Grumman Rd MNR/

ICP Linear Range (Quarterly)

Instrument: K-ICP-MS-06

Analyte	Concentration (ug/L)	Method
Arsenic 75	4500	6020A
Iron 56	45000	6020A
Molybdenum 98	4500	6020A

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QA/QC Report

Client: Anchor QEA, LLC **Service Request:** K2107729
Project: Grumman Rd MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **733604**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
ZZZZZZ	1	08/03/21 15:10			
ZZZZZZ	1	08/03/21 15:12			
ICV	1	08/03/21 15:13	X	X	X
CCV	1	08/03/21 15:14	X	X	X
ICB	1	08/03/21 15:16	X	X	X
CCB	1	08/03/21 15:17	X	X	X
ZZZZZZ	1	08/03/21 15:19			
LLICVW	1	08/03/21 15:20	X		X
LLICVW 2X	1	08/03/21 15:23		X	
ICSA	1	08/03/21 15:24	X	X	X
ICSAB	1	08/03/21 15:26	X	X	X
ZZZZZZ	1	08/03/21 15:27			
KQ2112385-01MB	1	08/03/21 15:39	X	X	X
KQ2112385-02LCS	1	08/03/21 15:40	X	X	X
K2107729-011	1	08/03/21 15:42	X	X	X
K2107729-011DUP	1	08/03/21 15:43	X	X	X
K2107729-011SDL	5	08/03/21 15:44	X	X	X
K2107729-011PS	1	08/03/21 15:46	X	X	X
K2107729-011MS	1	08/03/21 15:47	X	X	X
K2107729-012	1	08/03/21 15:48	X	X	X
K2107729-011	1	08/03/21 15:50	X	X	X
K2107729-012	1	08/03/21 15:51	X	X	X
CCV	1	08/03/21 15:53	X	X	X
ZZZZZZ	1	08/03/21 15:54			
CCB	1	08/03/21 15:57	X	X	X
LLCCVW	1	08/03/21 15:59	X		X
LLCCVW 2X	1	08/03/21 16:00		X	
KQ2112384-01MB	1	08/03/21 16:02	X	X	X
KQ2112384-02LCS	1	08/03/21 16:03	X	X	X
K2107729-001	1	08/03/21 16:04	X	X	X
K2107729-001DUP	1	08/03/21 16:06	X	X	X
K2107729-001SDL	5	08/03/21 16:07	X	X	X
K2107729-001PS	1	08/03/21 16:08	X	X	X
K2107729-001MS	1	08/03/21 16:10	X	X	X
K2107729-002	1	08/03/21 16:11	X	X	X
K2107729-003	1	08/03/21 16:13	X	X	X
K2107729-004	1	08/03/21 16:14	X		X

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QA/QC Report

Client: Anchor QEA, LLC **Service Request:** K2107729
Project: Grumman Rd MNR/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **733604**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
ZZZZZZ	1	08/03/21 16:15			
CCV	1	08/03/21 16:31	X	X	X
CCB	1	08/03/21 16:32	X	X	X
K2107729-005	1	08/03/21 16:34	X	X	X
K2107729-006	1	08/03/21 16:35	X	X	X
K2107729-007	1	08/03/21 16:36	X	X	X
K2107729-008	1	08/03/21 16:38	X		X
K2107729-009	1	08/03/21 16:39	X	X	X
K2107729-010	1	08/03/21 16:41	X		X
K2107729-001	1	08/03/21 16:42	X	X	X
K2107729-002	1	08/03/21 16:43	X	X	X
K2107729-003	1	08/03/21 16:45	X	X	X
K2107729-004	1	08/03/21 16:46	X		X
ZZZZZZ	1	08/03/21 16:47			
CCV	1	08/03/21 17:03	X	X	X
CCB	1	08/03/21 17:05	X	X	X
K2107729-005	1	08/03/21 17:06	X	X	X
K2107729-006	1	08/03/21 17:07	X	X	X
K2107729-007	1	08/03/21 17:09	X	X	X
K2107729-008	1	08/03/21 17:10	X	X	X
K2107729-009	1	08/03/21 17:11	X	X	X
K2107729-010	1	08/03/21 17:13	X		X
K2107729-004	10	08/03/21 17:14		X	
K2107729-008	10	08/03/21 17:16		X	
K2107729-010	10	08/03/21 17:17		X	
K2107729-004	10	08/03/21 17:18		X	
CCV	1	08/03/21 17:20	X	X	X
CCB	1	08/03/21 17:21	X	X	X
K2107729-010	10	08/03/21 17:23		X	
CCV	1	08/03/21 17:24	X	X	X
CCB	1	08/03/21 17:25	X	X	X
LLCCVW	1	08/03/21 17:27	X		X
LLCCVW 2X	1	08/03/21 17:28		X	

Client: Anchor QEA, LLC **Service Request:** K2107729
Project: Grumman Rd MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **733604**

Sample	Date/Time	Ge72He	In115He
ZZZZZZ	08/03/21 15:10		
ZZZZZZ	08/03/21 15:12		
ICV	08/03/21 15:13	98	97
CCV	08/03/21 15:14	97	96
ICB	08/03/21 15:16	97	97
CCB	08/03/21 15:17	95	96
ZZZZZZ	08/03/21 15:19		
LLICVW	08/03/21 15:20	97	96
LLICVW 2X	08/03/21 15:23	94	94
ICSA	08/03/21 15:24	89	89
ICSAB	08/03/21 15:26	87	87
ZZZZZZ	08/03/21 15:27		
KQ2112385-01MB	08/03/21 15:39	93	92
KQ2112385-02LCS	08/03/21 15:40	89	91
K2107729-011	08/03/21 15:42	98	97
K2107729-011DUP	08/03/21 15:43	103	100
K2107729-011SDL	08/03/21 15:44	105	102
K2107729-011PS	08/03/21 15:46	102	101
K2107729-011MS	08/03/21 15:47	103	102
K2107729-012	08/03/21 15:48	96	95
K2107729-011	08/03/21 15:50	107	106
K2107729-012	08/03/21 15:51	96	95
CCV	08/03/21 15:53	110	110
ZZZZZZ	08/03/21 15:54		
CCB	08/03/21 15:57	102	102
LLCCVW	08/03/21 15:59	103	103
LLCCVW 2X	08/03/21 16:00	102	100
KQ2112384-01MB	08/03/21 16:02	100	100
KQ2112384-02LCS	08/03/21 16:03	100	98
K2107729-001	08/03/21 16:04	96	94
K2107729-001DUP	08/03/21 16:06	97	95
K2107729-001SDL	08/03/21 16:07	105	101
K2107729-001PS	08/03/21 16:08	98	96
K2107729-001MS	08/03/21 16:10	97	95
K2107729-002	08/03/21 16:11	84	85
K2107729-003	08/03/21 16:13	91	91
K2107729-004	08/03/21 16:14	88	86

Client: Anchor QEA, LLC **Service Request:** K2107729
Project: Grumman Rd MNR/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **733604**

Sample	Date/Time	Ge72He	In115He
ZZZZZZ	08/03/21 16:15		
CCV	08/03/21 16:31	101	100
CCB	08/03/21 16:32	101	100
K2107729-005	08/03/21 16:34	103	102
K2107729-006	08/03/21 16:35	99	96
K2107729-007	08/03/21 16:36	95	95
K2107729-008	08/03/21 16:38	82	82
K2107729-009	08/03/21 16:39	88	88
K2107729-010	08/03/21 16:41	85	83
K2107729-001	08/03/21 16:42	108	106
K2107729-002	08/03/21 16:43	91	91
K2107729-003	08/03/21 16:45	101	100
K2107729-004	08/03/21 16:46	91	90
ZZZZZZ	08/03/21 16:47		
CCV	08/03/21 17:03	106	105
CCB	08/03/21 17:05	106	105
K2107729-005	08/03/21 17:06	111	106
K2107729-006	08/03/21 17:07	98	98
K2107729-007	08/03/21 17:09	107	107
K2107729-008	08/03/21 17:10	86	87
K2107729-009	08/03/21 17:11	101	98
K2107729-010	08/03/21 17:13	90	89
K2107729-004	08/03/21 17:14	100	101
K2107729-008	08/03/21 17:16	104	101
K2107729-010	08/03/21 17:17	97	97
K2107729-004	08/03/21 17:18	98	99
CCV	08/03/21 17:20	111	108
CCB	08/03/21 17:21	112	108
K2107729-010	08/03/21 17:23	101	99
CCV	08/03/21 17:24	111	109
CCB	08/03/21 17:25	109	109
LLCCVW	08/03/21 17:27	111	108
LLCCVW 2X	08/03/21 17:28	112	108

Raw Data

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
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General Chemistry

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	Yes	No	N/A
Analysis			
1. Holding times met for all samples?	[illegible]		[illegible]
2. Are all chromatograms clear? (Is QC [illegible])			[illegible]
3. Were peaks manually integrated?		[illegible]	
a. Does [illegible] GLP?		[illegible]	
4. Are reagent [illegible] acceptable?	[illegible]		
5. Are all [illegible] calculated?		[illegible]	[illegible]
a. Method Blank, LCS/s, LCMs, LCSs, Dups and Spikes [illegible] are properly [illegible]?	[illegible]		
b. Are CCVs and CCMs [illegible] acceptance limits?		[illegible]	[illegible]
c. Are results for Method Blanks [illegible]?		[illegible]	[illegible]
d. Are all QC samples within acceptance limits? (LCSs, LCMs, MSs, Dup, Dup Spike, RPD [illegible])	[illegible]		
e. Are all [illegible] acceptable?			
6. Are all samples [illegible] correctly?			

GAS Standard Identification Codes and Abbreviated Descriptions for Chromatography [illegible]

G1: Sample was analyzed past the end of recommended holding time. See Notes for [illegible]
G2: Sample was analyzed past holding time. [illegible] performed within recommended holding time
G4: Sample was analyzed past the end of recommended holding time
R1: High RPD [illegible] Dup, LCS, LCM, Spike. [illegible]
I: MRL [illegible]
I: Sample [illegible]

LCS	ALS-GEN 02	[illegible]	Expires [illegible]
Fluoride	True Value-1.0ppm		[illegible]
Chloride	True Value-5.0ppm		[illegible]
Nitrite	True Value-2.0ppm		[illegible]
Bromide	True Value-2.0ppm		[illegible]
Nitrate	True Value-2.0ppm		[illegible]
Sulfate	True Value-5.0ppm		[illegible]

LCV	ALS-GEN 02	[illegible]	Expires [illegible]
Fluoride	True Value-1.0ppm		[illegible]
Chloride	True Value-5.0ppm		[illegible]
Nitrite	True Value-2.0ppm		[illegible]
Bromide	True Value-2.0ppm		[illegible]
Nitrate	True Value-2.0ppm		[illegible]
Sulfate	True Value-5.0ppm		[illegible]

Blank			
200 ppm	ALS-GEN 02	[illegible]	Expires [illegible]
Fluoride	[illegible]		
Chloride	[illegible]		
Nitrite	[illegible]		[illegible]
Bromide	[illegible]		
Nitrate	[illegible]		
Sulfate	[illegible]		

Reviewed	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]		[illegible]		

Analyst: [illegible] Date: [illegible]

First Reviewer: [illegible] Date: [illegible]

Final Reviewer: [illegible] Date: [illegible]

[illegible]

Analytical Results Summary

Development Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Testcode: [illegible]

Lab Code	Target Analyte	Qual	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Line
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV
[illegible]	[illegible]	NA		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV

[illegible]

Analytical Results Summary

Information Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Testcode: [illegible]

Lab Code	Reported Analyte	QL	Parent Sample	Matrix	Raw Result	Sample Size	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC *	Lab
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Testcode: [illegible]

Lab Code	Target Analyte	QL	Parent Sample	Matrix	Raw Result	Sample Size	Final Result	DF	MDL	PQL	Surr	Sub/SP	Date Analyzed	QC?	Det
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	D
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	D
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	D
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]						[illegible]	N	D
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	D
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	D
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	D
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	D

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Testcode: [illegible]

Lab Code	Parent Analyte	QL	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	DF	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Int
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Extension: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC_?	Acc
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

File
Database [illegible]
Inventor [illegible]
Filename [illegible] Created [illegible]
Samples [illegible] Last Updated [illegible]

No.	Name	Type	Pos.	Pr. Vol.	Program	Method	Status	Pr. Date/Time
1	[illegible]	Standard	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	Standard	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	Standard	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	Standard	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	Standard	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	Standard	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	Standard	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	Standard	8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]	Unknown	45	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10	[illegible]	Unknown	47	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11	[illegible]	Unknown	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	[illegible]	Unknown	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13	[illegible]	Unknown	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14	[illegible]	Unknown	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]	Unknown	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	[illegible]	Unknown	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17	[illegible]	Unknown	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18	[illegible]	Unknown	8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19	[illegible]	Unknown	9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	[illegible]	Unknown	10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21	[illegible]	Unknown	49	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22	[illegible]	Unknown	49	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
23	[illegible]	Unknown	11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24	[illegible]	Unknown	12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
25	[illegible]	Unknown	13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
26	[illegible]	Unknown	14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27	[illegible]	Unknown	15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
28	[illegible]	Unknown	16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	Unknown	17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	Unknown	18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31	[illegible]	Unknown	19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
32	[illegible]	Unknown	20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
33	[illegible]	Unknown	46	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
34	[illegible]	Unknown	47	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
35	[illegible]	Unknown	21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
36	[illegible]	Unknown	22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
37	[illegible]	Unknown	23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
38	[illegible]	Unknown	24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
39	[illegible]	Unknown	25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
40	[illegible]	Unknown	26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
41	[illegible]	Unknown	27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
42	[illegible]	Unknown	28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Chromeleon © Dionex Corporation, Version 6.80 SR1 Build 1996, [illegible]

File
Name [illegible]
Location [illegible]
Formula [illegible]
Description [illegible]
Created [illegible]
Last Update [illegible]

NO	Name	ID	Factor	Comment
1	[illegible]	1	0000	[illegible]
2	[illegible]	1	0000	21 GEN 22 1 [illegible]
3	[illegible]	1	0000	21 GEN 22 1 [illegible]
4	[illegible]	1	0000	21 GEN 22 1 [illegible]
5	[illegible]	1	0000	21 GEN 22 1 [illegible]
6	[illegible]	1	0000	21 GEN 22 1 [illegible]
7	[illegible]	1	0000	21 GEN 22 1 [illegible]
8	[illegible]	1	0000	21 GEN 22 1 [illegible]
9	DCW1	1	5000	
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Definition [illegible]
Location [illegible]
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Title
Description [illegible]
Instrument [illegible]
Timebase [illegible] Created [illegible]
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No.	Name	ID	Factor	Comment
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47	[illegible]		[illegible]	
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77	[illegible]		[illegible]	
78	[illegible]		[illegible]	
79	[illegible]		[illegible]	

Sequence

Date

Service Request	Client/Matrix/Tier	Anion	1st Qtr	3rd Qtr	Recovery	Date
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				

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Sequence

Line

Service Request	Characteristics/Tier	Anions	1st Qtl	2nd Qtl	Recovery	Comp
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				

Frequency

Date

Service Request	Comments/Issues/Tasks	Analyte	1st DF	2nd DF	Recovery	Done
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				

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Sequence

Service Request	Chem/Weight/Vol	Anion	1st DI	2nd DI	Recovery	Done
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				

ALS ENVIRONMENTAL, INC.

Ion Chromatographic Calibration Data

Sequence: IC [illegible]

Date: 04/08/21

Anion	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Corr. Coeff	Slope	Residuals
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9972	0.2511	
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9302	0.1731	
NO2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9674	0.3559	
Br	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.99	0.0709	
NO3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9291	0.4207	
SO4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9937	0.1232	
									99.9679	0.1744	

[illegible] calibration standard concentrations, using [illegible] calibrations were tested

[illegible] points used for calibration.

No	Peak Name	Cal.Type	#Points	Rel Std Dev. %	Corr.Coeff. %	Offset	Slope	Curve
1	Fluoride	Lin	8	0.6159	99.9972	0	0.2511	0
2	Chloride	Lin	8	3.1385	99.9302	0	0.1731	0
3	Nitrite	Lin	8	2.1363	99.9674	0	0.3559	0
4	Bromide	Lin	8	1.1723	99.99	0	0.0709	0
5	Nitrate	Lin	8	3.1594	99.9291	0	0.4207	0
6	Sulfate	Lin	8	0.9233	99.9937	0	0.1232	0
Average:			6	1.8575	99.9679	0	0.1744	0

[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

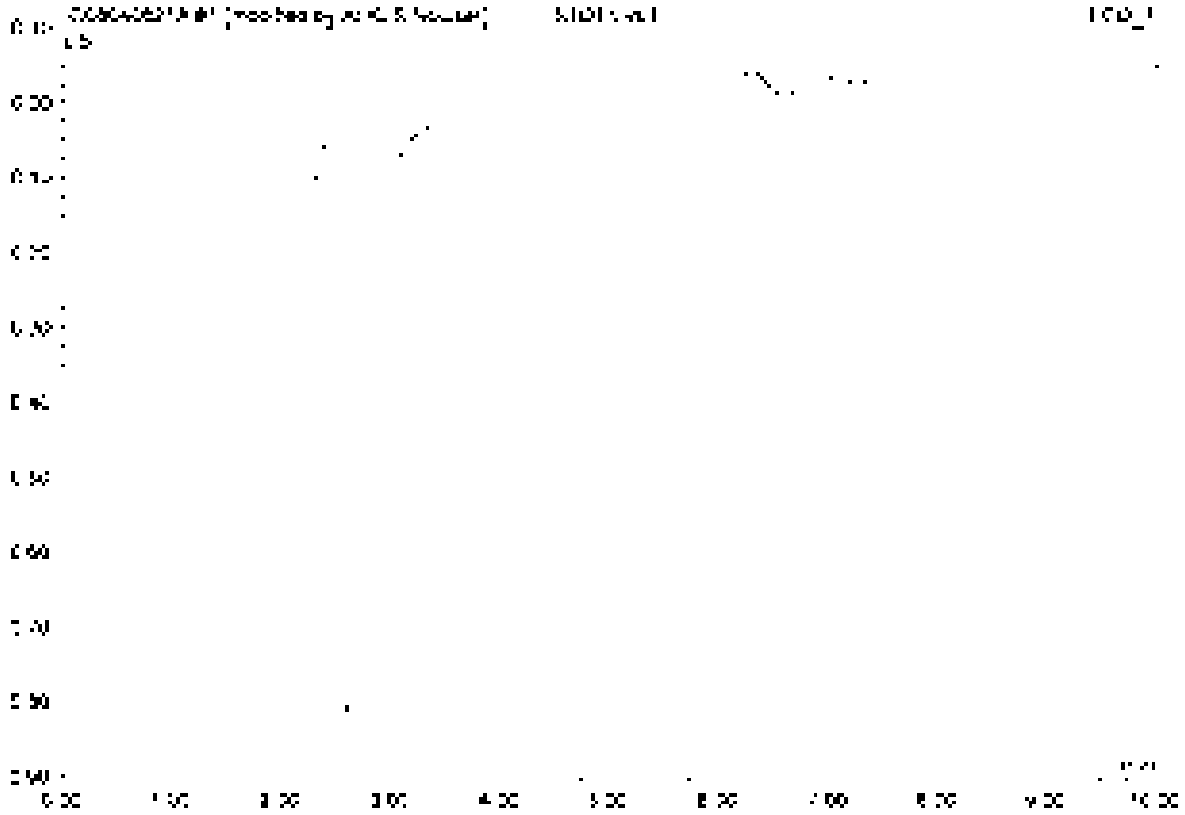
	STD2	STD3	STD4	STD5	STD6	STD7	STD8	STD9
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SO4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Br	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

1 STD1/LVL1

DI

Sample Name	STD1/LVL1	Injection Volume	25.0
Vial Number	1	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quantif. Method	spa300	Calibrat. Factor	1.0000
Recording Time	4/8/2021 13:04	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

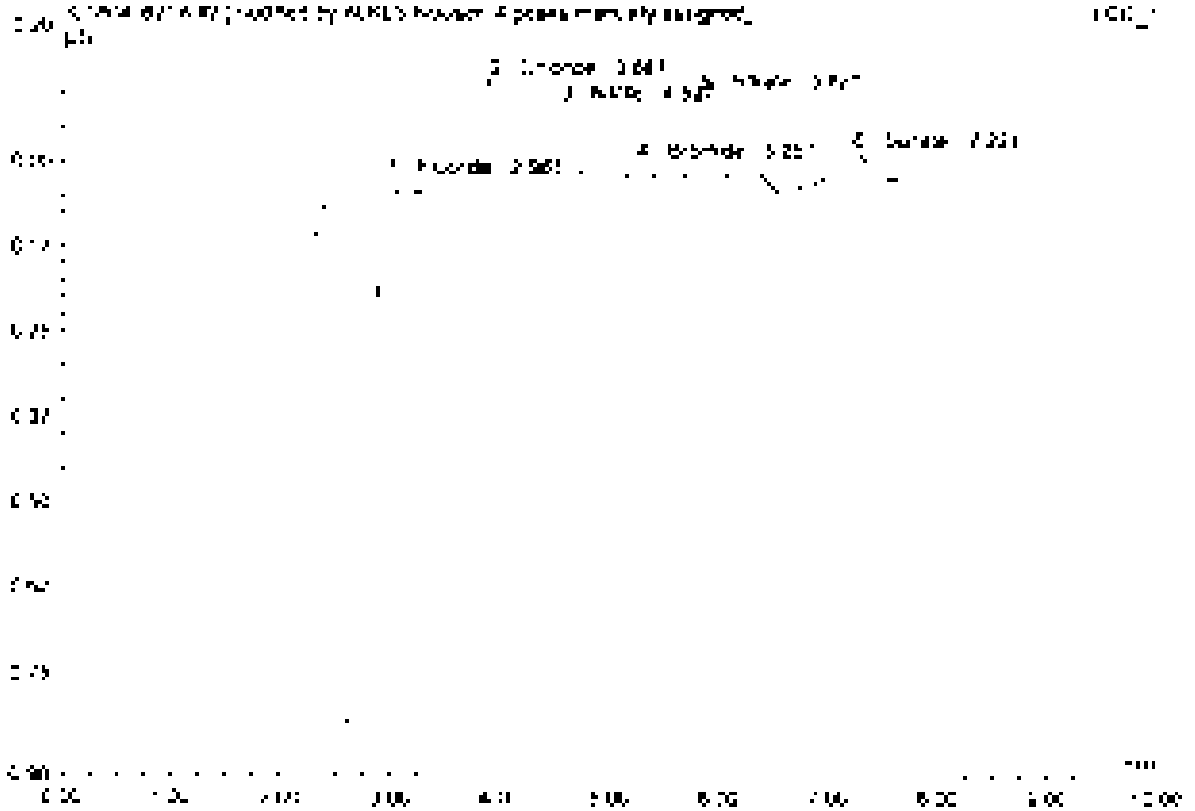


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

2 STD2/LVL2

21-GEN-02-17A

Sample Name	STD2/LVL2	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantit. Method	apa300	Dilution Factor	1.0000
Processing Time	4/8/2021 13:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

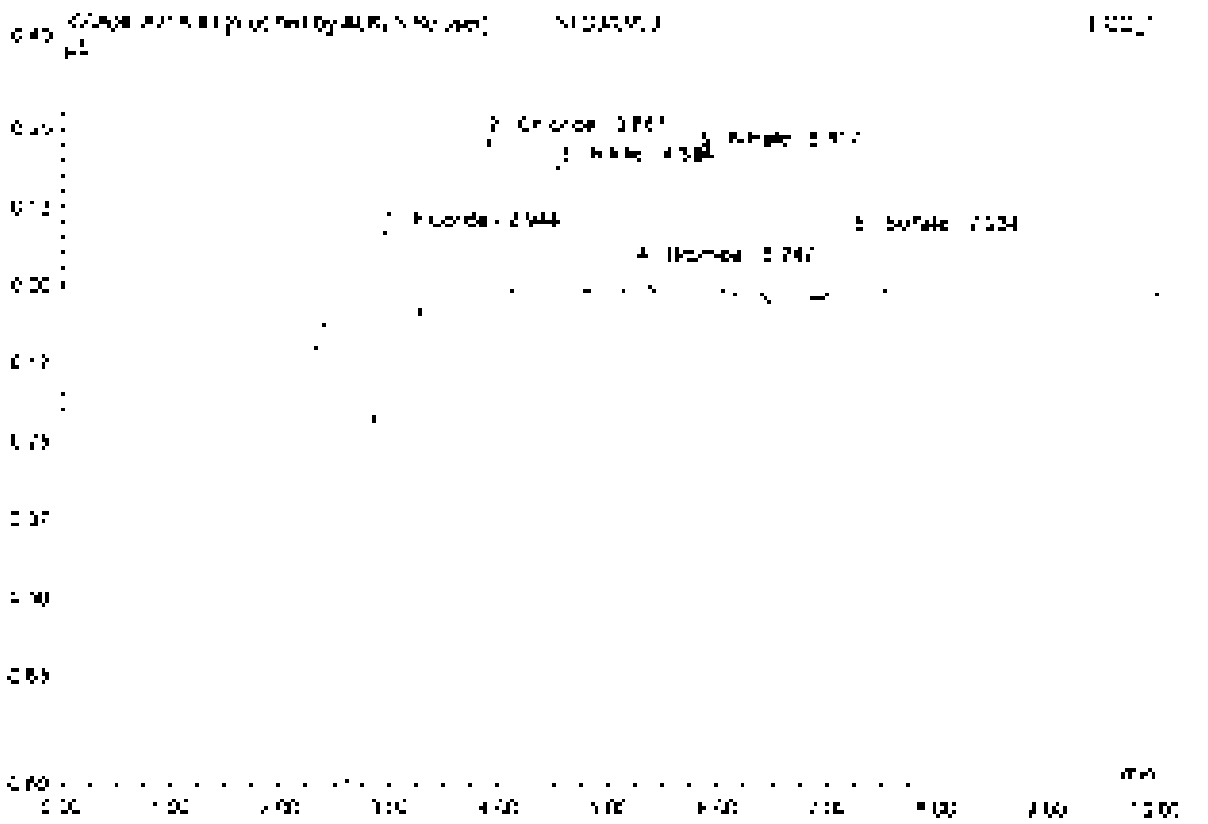


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.96	Fluoride	0.137	0.027	27.45	0.107	BMB*
2	3.89	Chloride	0.139	0.017	17.40	0.062	BMB*
3	4.94	Nitrite	0.104	0.016	16.14	0.044	BMB*
4	5.25	Bromide	0.024	0.004	3.61	0.030	BMB*
5	6.82	Nitrate	0.125	0.021	21.27	0.049	BMB*
6	7.22	Sulfate	0.045	0.014	14.14	0.072	BMB*
Total:			0.573	0.098	100.00	0.463	

3 STD3/LVL3

21-GEN-02-17B

Sample Name	STD3/LVL3	Injection Volume	25.0
Vial Number	3	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	4/8/2021 13:27	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

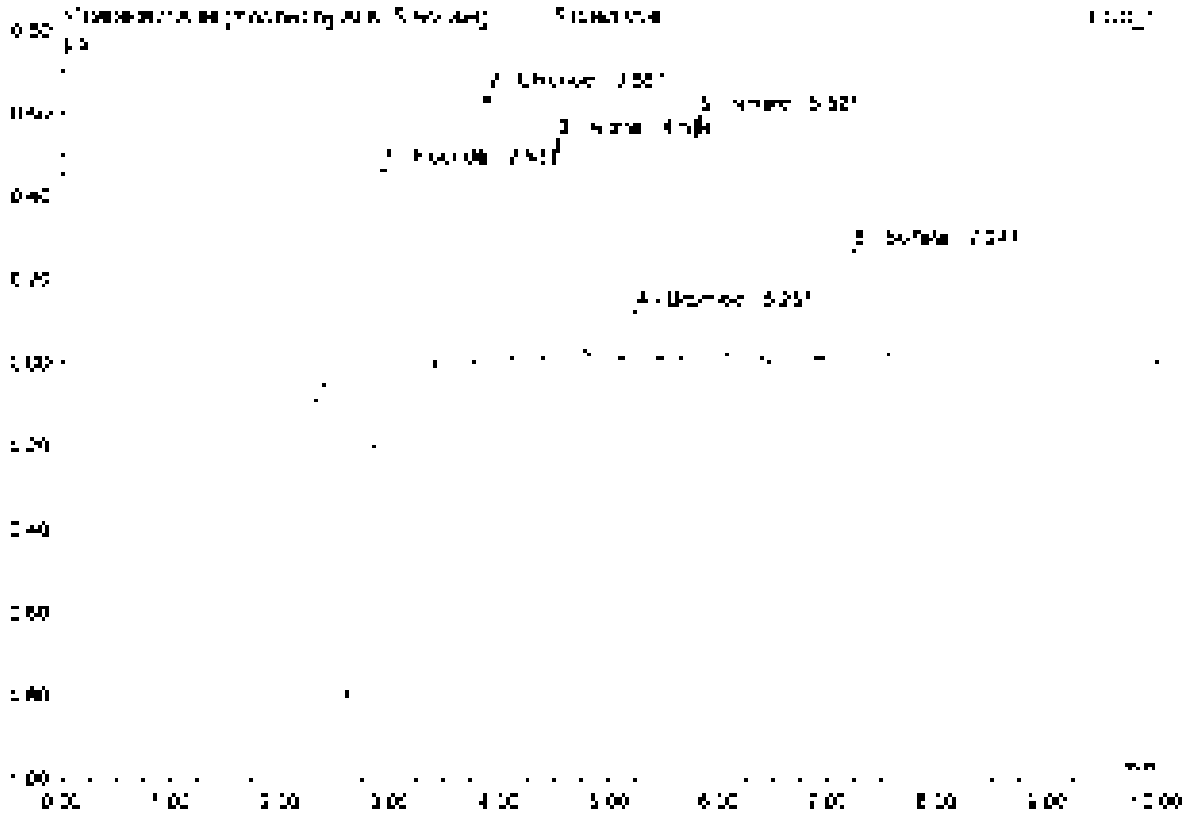


No	Ret.Time min	Peak name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.54	Fluoride	0.271	0.052	28.05	0.205	BMB*
2	3.89	Chloride	0.258	0.031	17.10	0.182	BMB*
3	4.53	Nitrite	0.204	0.031	16.98	0.080	BMB*
4	5.25	Bromide	0.044	0.007	3.57	0.093	BMB
5	6.82	Nitrate	0.231	0.038	20.66	0.090	BMB*
6	7.28	Sulfate	0.099	0.025	13.60	0.203	BMB*
Total:			[illegible]	0.184	100.00	0.862	

4 STD4/LVL4

21-GEN-02-17C

Sample Name	STD4/LVL4	Injection Volume	26.0
Vial Number	4	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 10:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

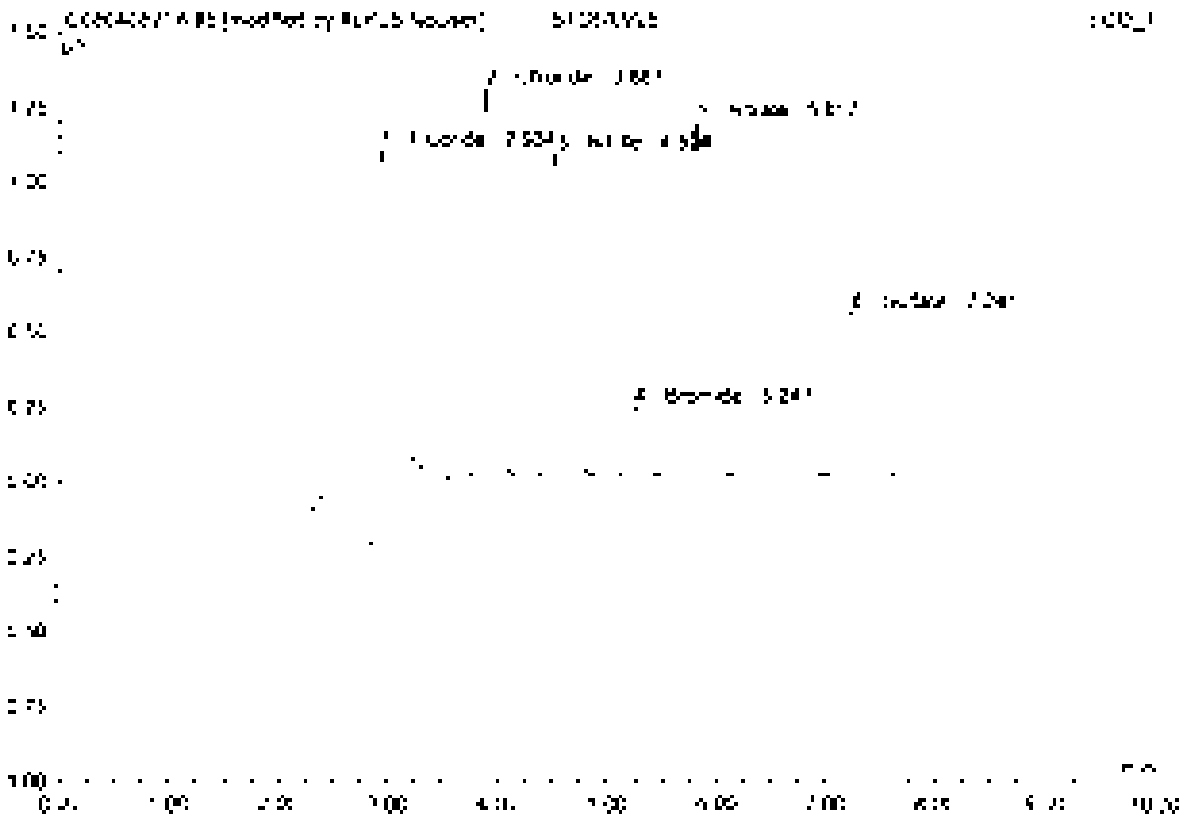


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	0.644	0.127	27.45	0.507	BMB*
2	3.80	Chloride	0.648	0.075	15.94	0.454	BMB*
3	4.53	Nitrite	0.528	0.083	17.82	0.233	BMB*
4	5.25	Bromide	[illegible]	[illegible]	[illegible]	0.246	BMB
5	5.82	Nitrate	0.585	0.097	20.84	0.230	BMB*
6	7.24	Sulfate	0.264	0.061	13.19	0.497	BMB
Total			2.784	0.464	100.00	2.167	

5 STD5/LVL5

21-GEN-02-17D

Sample Name	STD5/LVL5	Injection Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 12:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

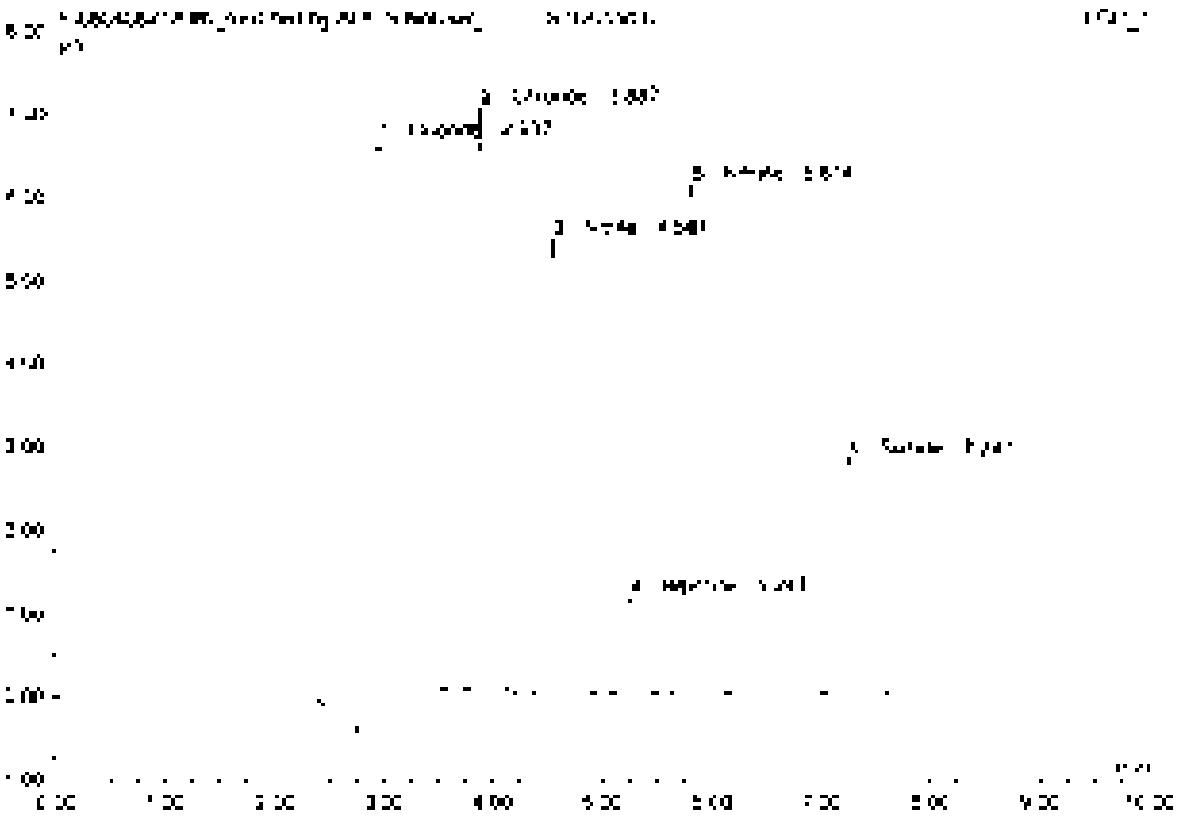


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.91	Fluoride	1.288	0.236	2.38	1.018	BV6*
2	3.29	Chloride	1.290	0.153	16.85	0.909	BV6*
3	4.52	Nitrite	1.074	0.157	17.59	0.469	BV6*
4	5.25	Bromide	0.232	0.035	3.74	0.402	BV6
5	5.82	Nitrate	1.181	0.196	20.98	0.455	BM6*
6	7.24	Sulfate	0.542	0.123	13.16	0.397	BM6*
Total			5.674	0.933	100.00	4.395	

6 STD6/LVL6

21-GEN-02-17E

Sample Name	STD6/LVL6	Injection Volume	25.0
Vial Number	6	Channel	EGD 1
Sample Type	standard	Wavelength	n.a.
Comm. Program	apa300	Bandwidth	n.a.
Quant. Method	apa300	Dilution Factor	1.0000
Recording Time	4/6/2021 14:02	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

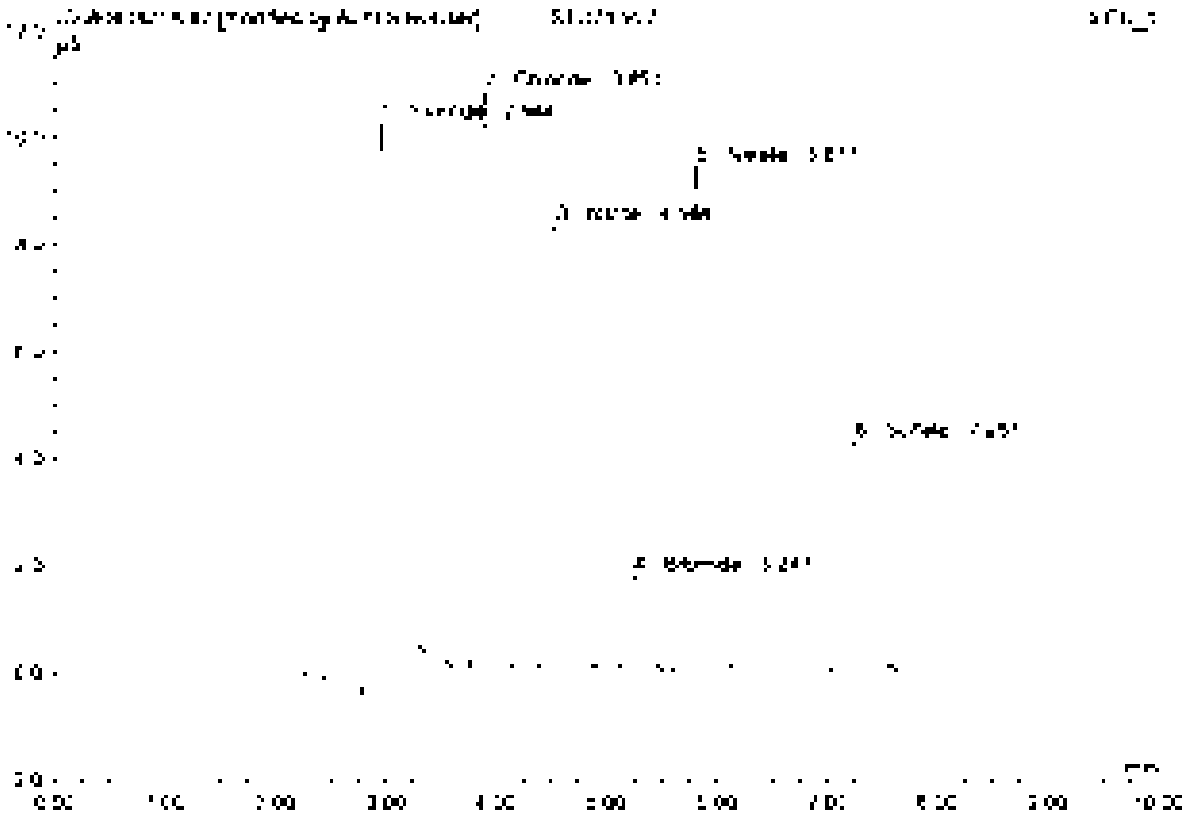


No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.94	Fluoride	6.988	1.262	26.41	5.027	BMB*
2	3.80	Chloride	7.029	0.841	17.60	4.859	BMB*
3	4.54	Nitrite	5.482	0.727	15.20	2.449	BMB*
4	5.25	Bromide	[illegible]	[illegible]	[illegible]	2.475	BMB
5	5.81	Nitrate	6.130	[illegible]	21.23	2.412	BMB*
6	7.25	Sulfate	2.832	0.614	12.85	4.984	BMB*
Total:			25.526	4.779	100.00	22.207	

7 STD7/LVL7

21-GEN-02-17P

Sample Name	STD7/LVL7	Injection Volume	25.0
Vial Number	7	Column	IC08 1
Sample Type	standard	Wavelength	n.a.
Control Program	ipa300	Bandwidth	n.a.
Quantif. Method	ipa300	Dilution Factor	1.0000
Recording Time	4/8/2021 14:13	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

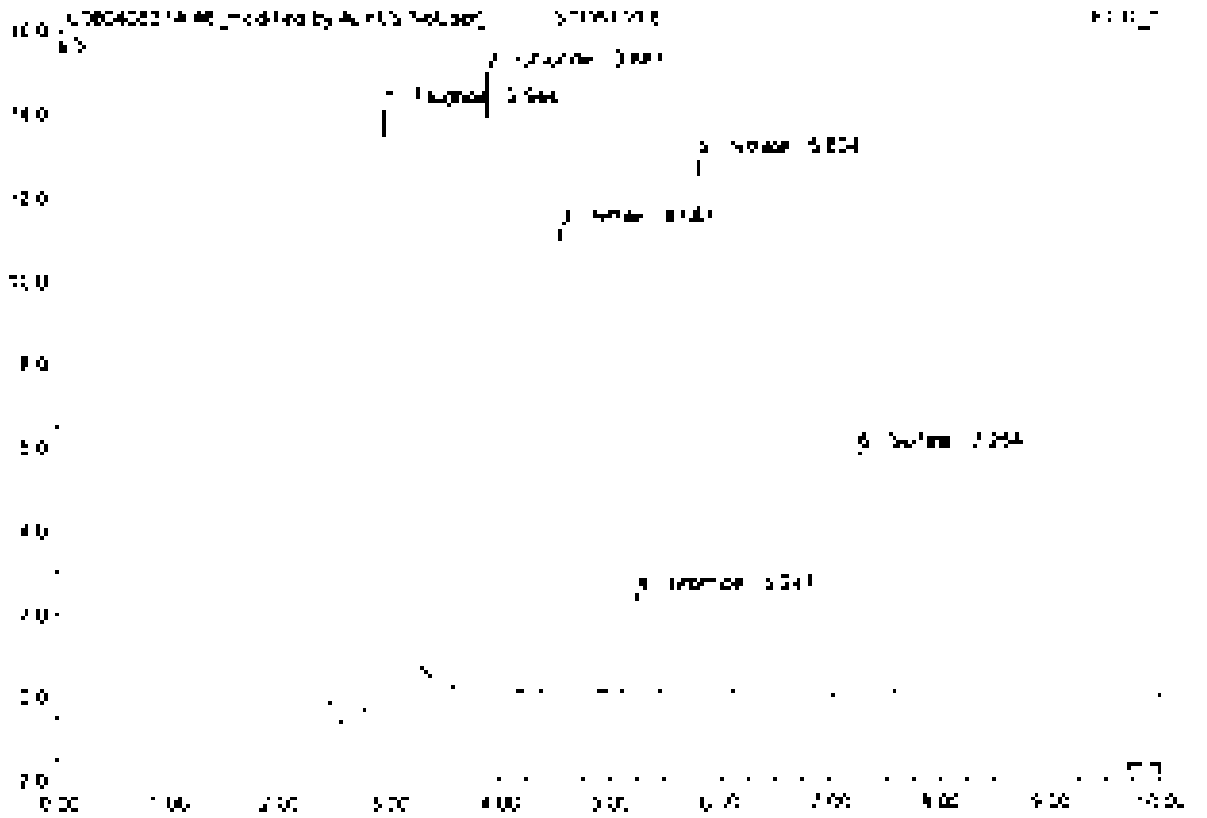


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.54	Fluoride	10.566	1.874	25.97	7.462	BV8*
2	3.25	Chloride	10.772	1.279	17.73	7.390	BV8*
3	4.54	Nitrite	8.302	1.323	18.33	3.717	BV8*
4	5.25	Bromide	1.759	0.264	3.66	0.724	BV9
5	5.81	Nitrate	8.416	1.560	21.61	3.430	BV8*
6	7.25	Sulfate	4.251	0.917	12.70	7.443	BV9
Total:			45.095	7.217	100.00	33.445	

8 STD8/LVL8

21-GEN-02-170

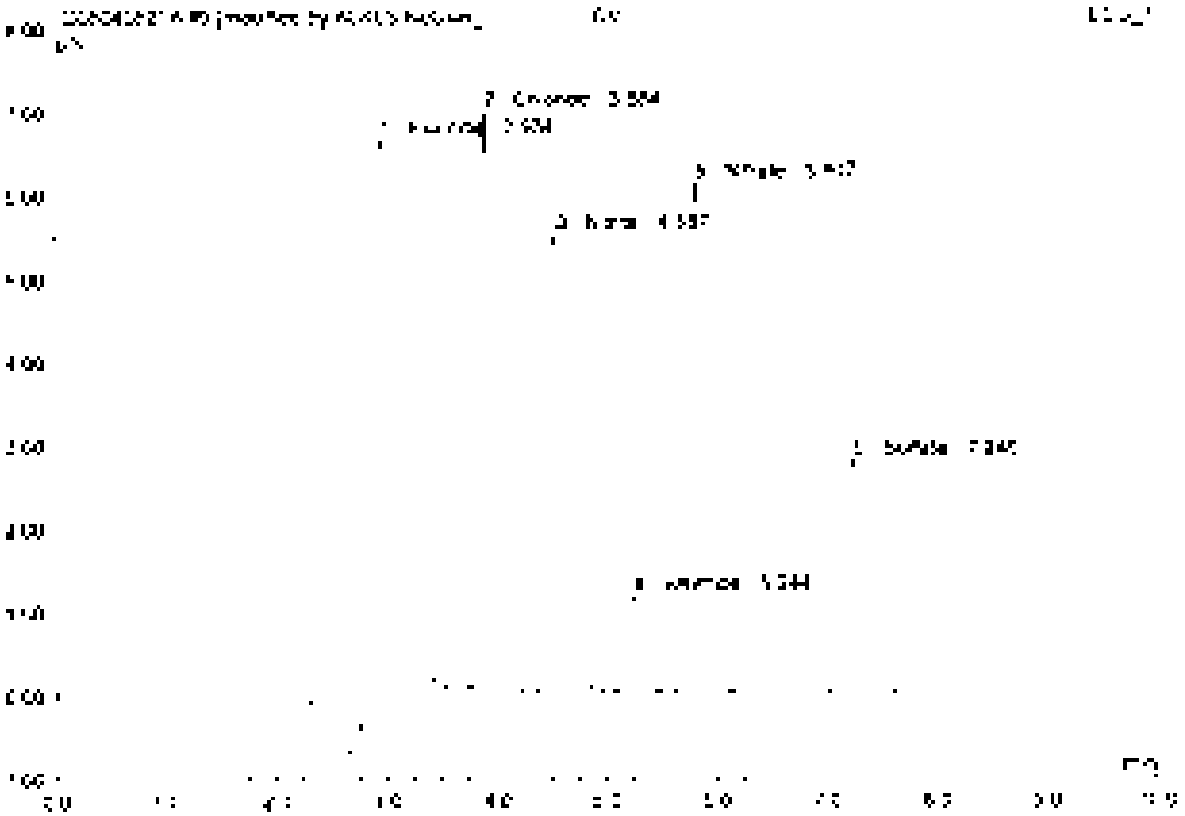
Sample Name	STD8/LVL8	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Count Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 14:26	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	14.402	2.514	25.04	10.013	BMB*
2	3.89	Chloride	14.513	1.760	17.95	10.765	BMB*
3	4.55	Nitrite	17.205	1.799	18.34	5.065	BMB*
4	5.25	Bromide	2.375	0.357	3.64	5.033	BMB
5	5.80	Nitrate	12.850	2.137	21.80	5.080	BMB*
6	7.25	Sulfate	5.817	1.238	12.63	10.050	BMB
Total			67.613	9.805	100.00	45.995	

9 ICV

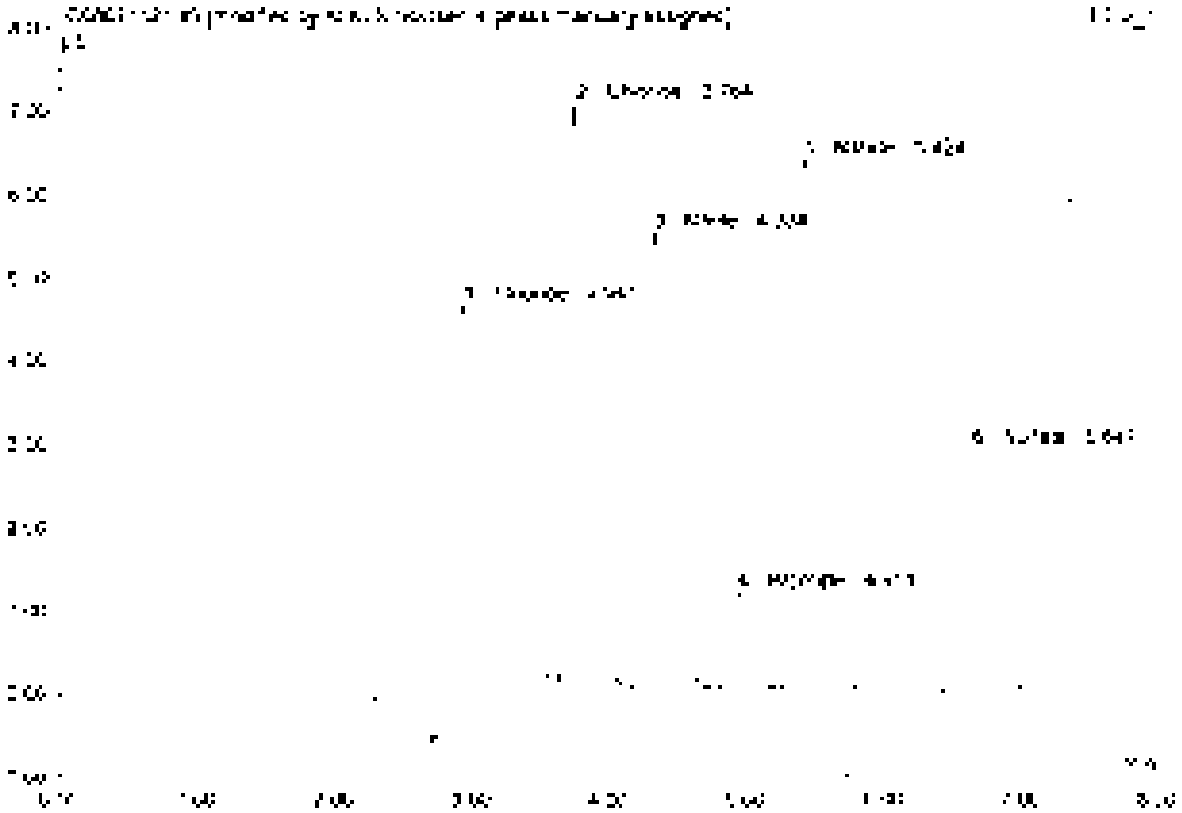
Sample Name	ICV	Injection Volume	25.0
Vial Number	9	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 10:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.92	Fluoride	6.870	1.257	20.45	5.005	BV B*
2	3.88	Chloride	5.953	0.834	17.55	4.015	BV B
3	4.54	Nitrite	5.496	0.869	18.28	2.442	BV B
4	5.24	Bromide	1.100	0.175	3.68	2.461	BV B
5	5.87	Nitrate	6.124	1.013	21.33	2.459	BV B
6	7.24	Sulfate	2.792	0.603	12.69	4.805	BV B
Total:			28.500	4.750	100.00	22.926	

9 CCV1

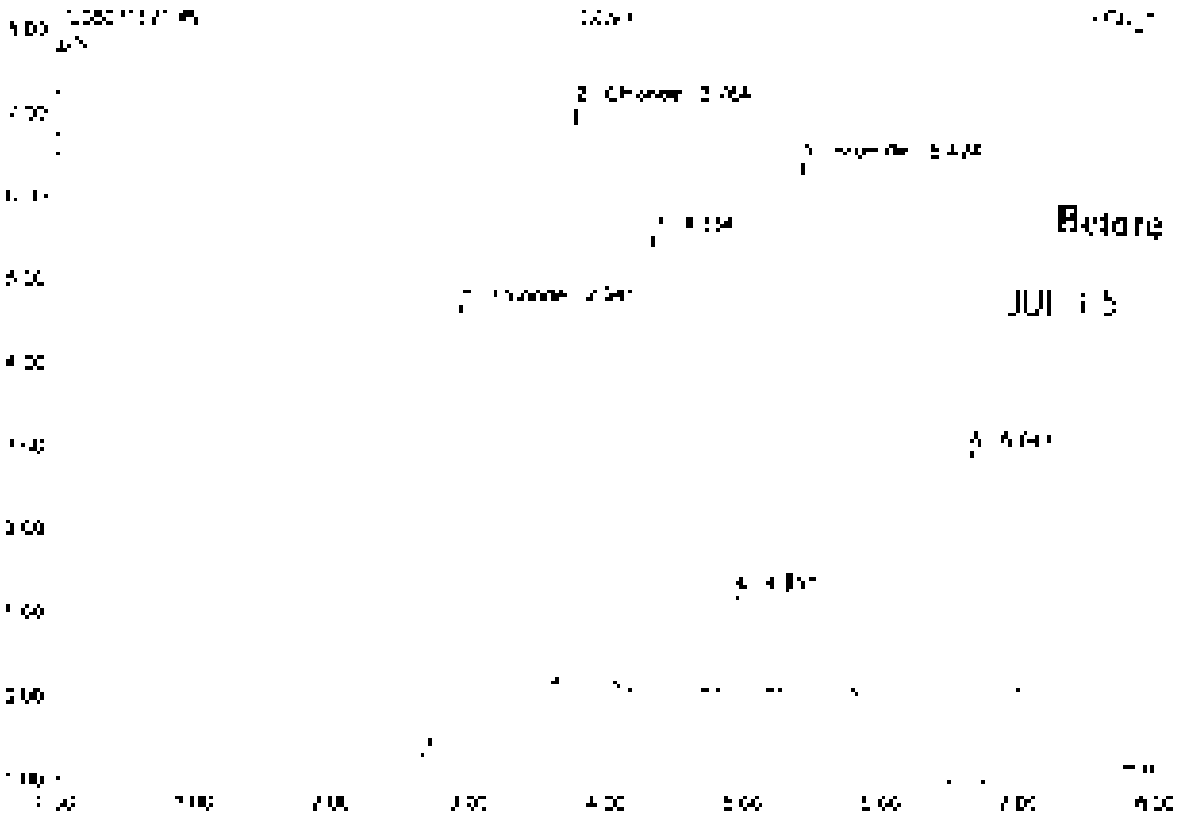
Sample Name	CCV1	Injection Volume	25.0
Vial Number	45	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	7/15/2021 16:14	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.54	Fluoride	5.058	1.215	25.62	4.338	BV B*
2	3.76	Chloride	6.548	0.828	17.5[illegible]	4.784	BV B*
3	4.03	Nitrite	5.483	0.8[illegible]6	15.5[illegible]	2.48[illegible]	BMB*
4	4.55	Bromide	1.168	0.170	3.60	2.400	BMB*
5	5.42	Nitrate	6.381	1.037	21.9[illegible]	2.494	BMB*
6	6.85	Sulfate	2.523	0.605	12.75	4.512	BMB*
Total:			27.962	4.731	100.00	21.960	

9 CCV1

Sample Name	CCV1	Injection Volume	25.0
Run Number	48	Channel	LCD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant. Method	wpa300	Dilution Factor	1.0000
Recording Time	7/15/2021 14:14	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



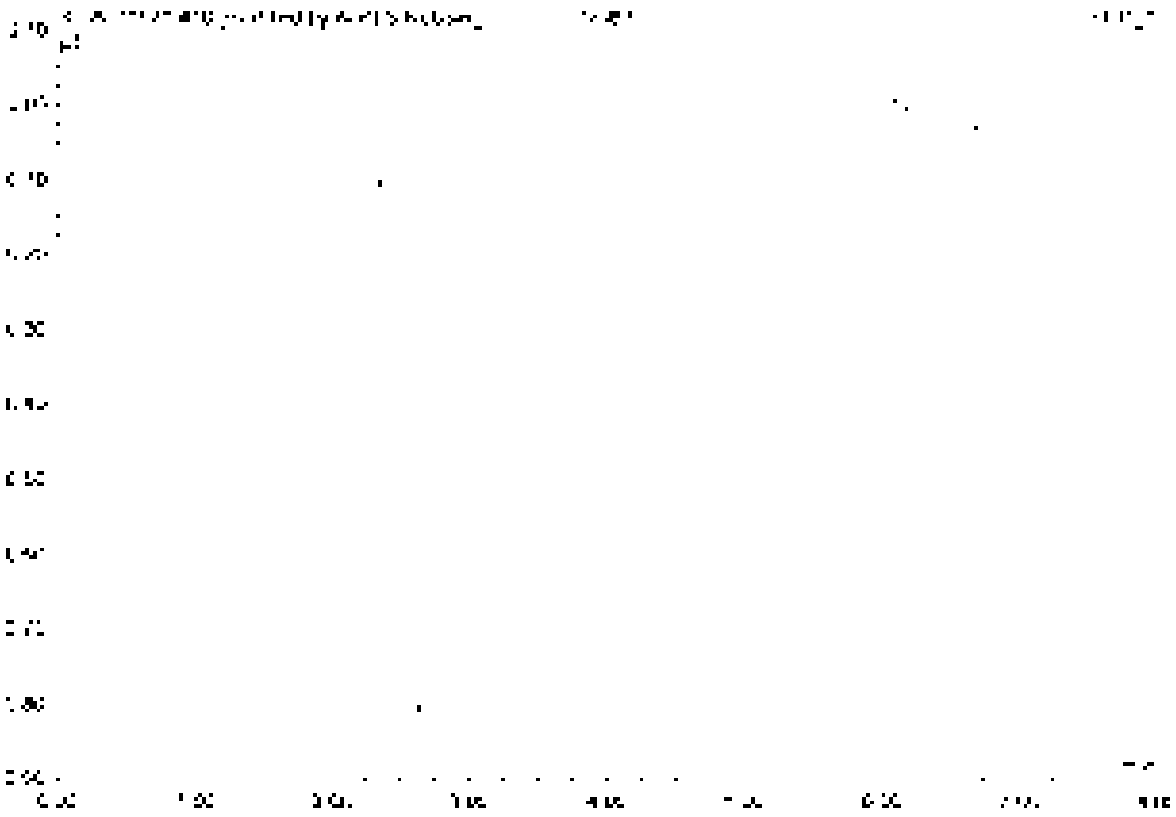
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.56	Fluoride	5.089	[illegible]	26.40	5.023	BV0
2	3.76	Chloride	6.548	0.828	17.34	4.784	BV8
3	4.33	n.a.	5.483	0.845	18.01	n.a.	BV9
4	4.95	n.a.	[illegible]	0.130	3.56	n.a.	BV9
5	5.42	Bromide	6.381	[illegible]	27.70	14.610	BV0
6	6.65	n.a.	2.523	0.595	12.67	n.a.	BV8
Total:			27.989	4.777	100.00	24.417	

Delay Integration

Chromeleon (c) Dionex 1996-2006
Version 6.80 SR1 Build 3302 (196270)

10 CCB1

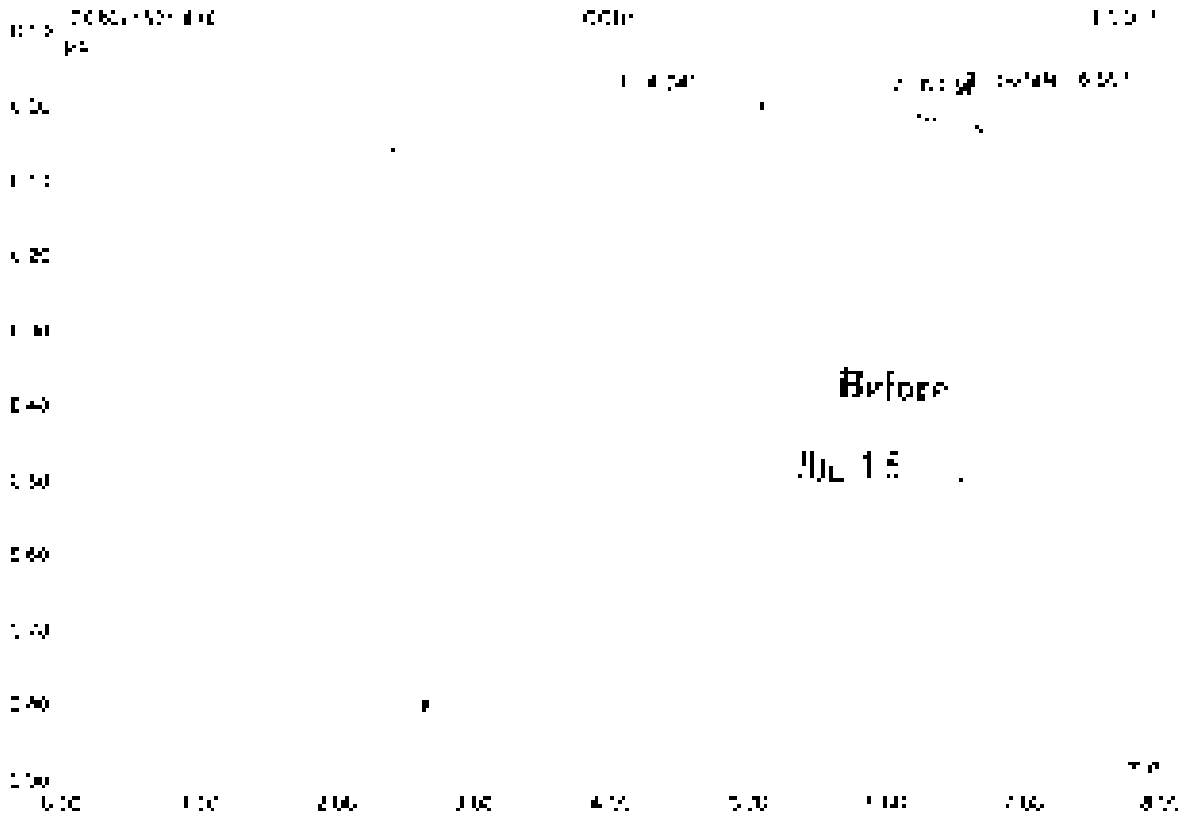
Sample Name	CCB1	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	7/15/2021 14 33	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

10 CCB1

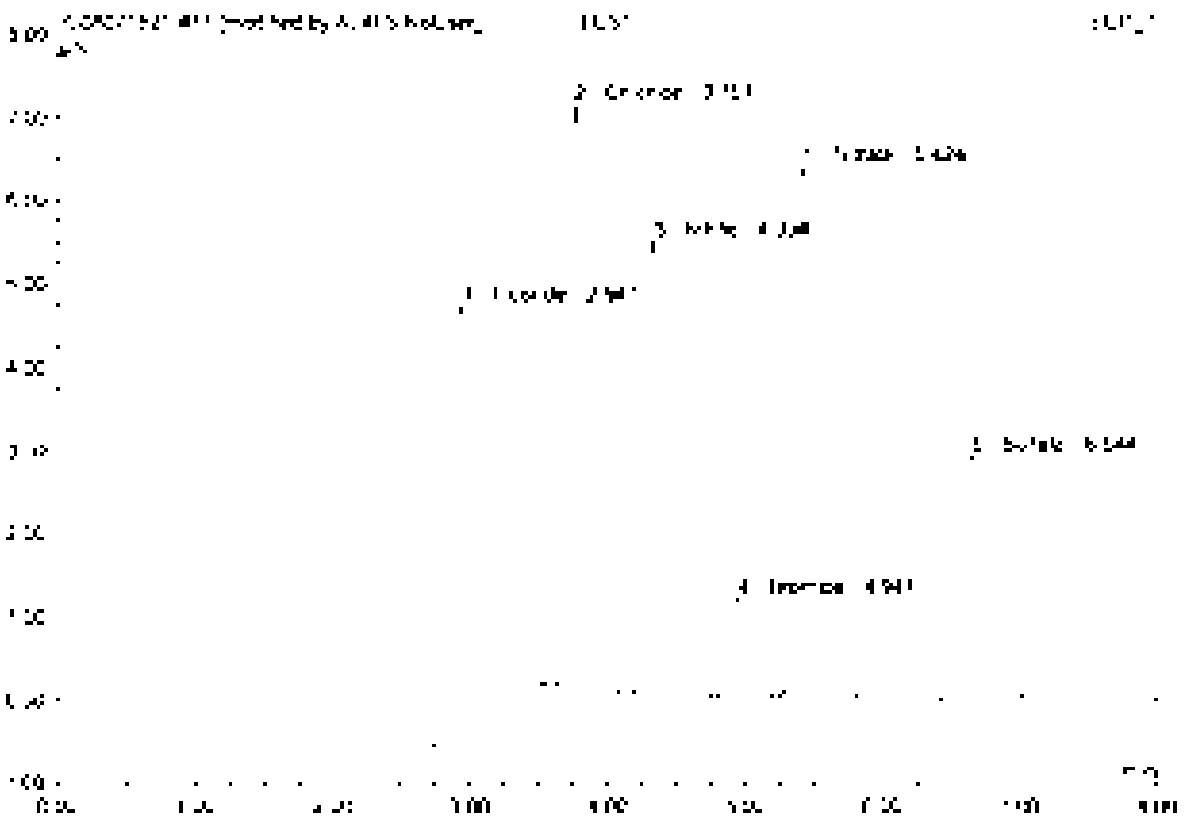
Sample Name	CCB1	Injection Volume	10.0
Vial Number	43	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Control Method	spa300	Dilution Factor	1.0000
Receiving Time	7/15/2021 14:25	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	n.a.	0.355	0.832	97.70	n.a.	BMB
2	5.01	n.a.	0.026	0.011	1.30	n.a.	bMB
3	6.57	Sulfate	0.048	0.008	0.97	0.063	BMB
Total			0.449	0.851	100.00	0.063	

11 LCS1

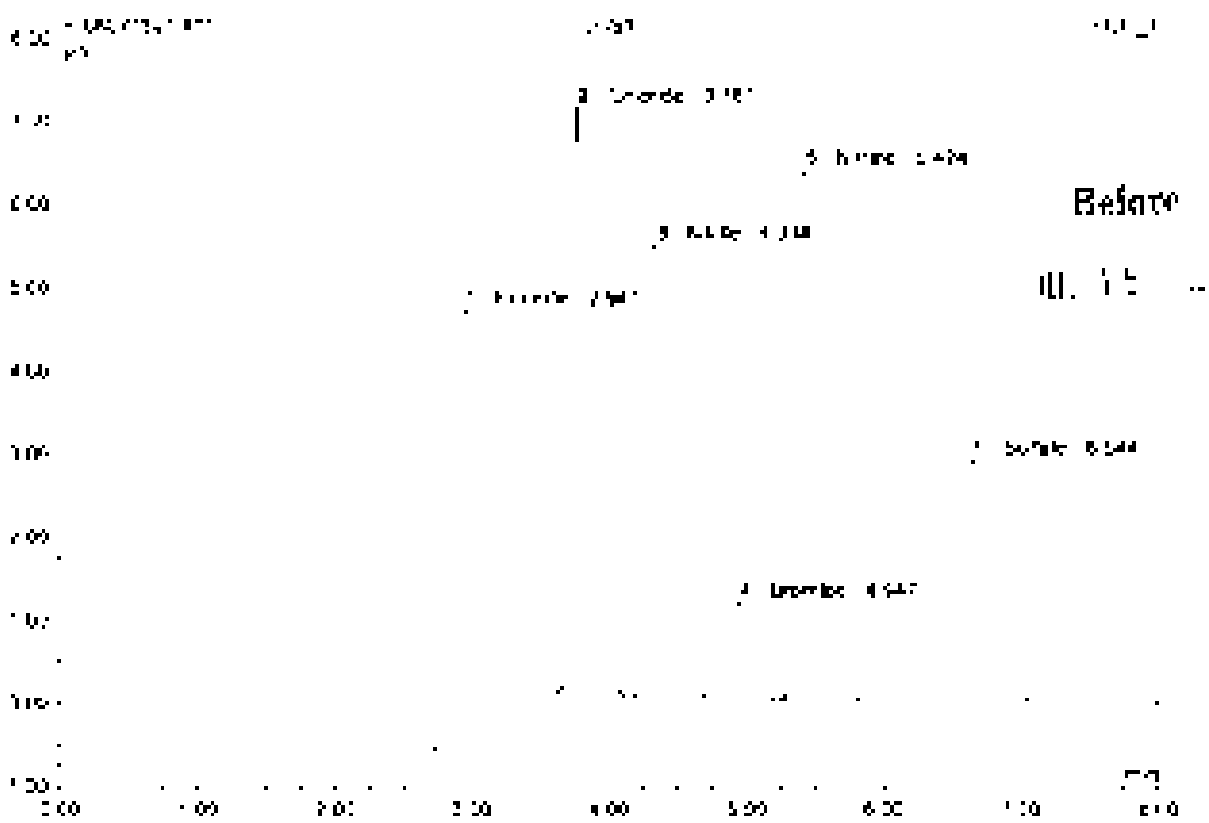
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/16/2021 14:13	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	5.122	[illegible]	25.69	[illegible]	BMB*
2	3.26	Chloride	7.927	[illegible]	[illegible]	[illegible]	BMB*
3	4.32	Nitrite	5.472	0.572	[illegible]	2.449	BMB
4	4.95	Bromide	1.175	[illegible]	3.61	2.405	BMB
5	5.42	Nitrate	6.278	1.034	[illegible]	2.458	BMB
6	6.64	Sulfate	2.927	0.608	12.79	4.976	BMB
Total:			25.701	4.736	100.00	21.9[illegible]	

11 LCS1

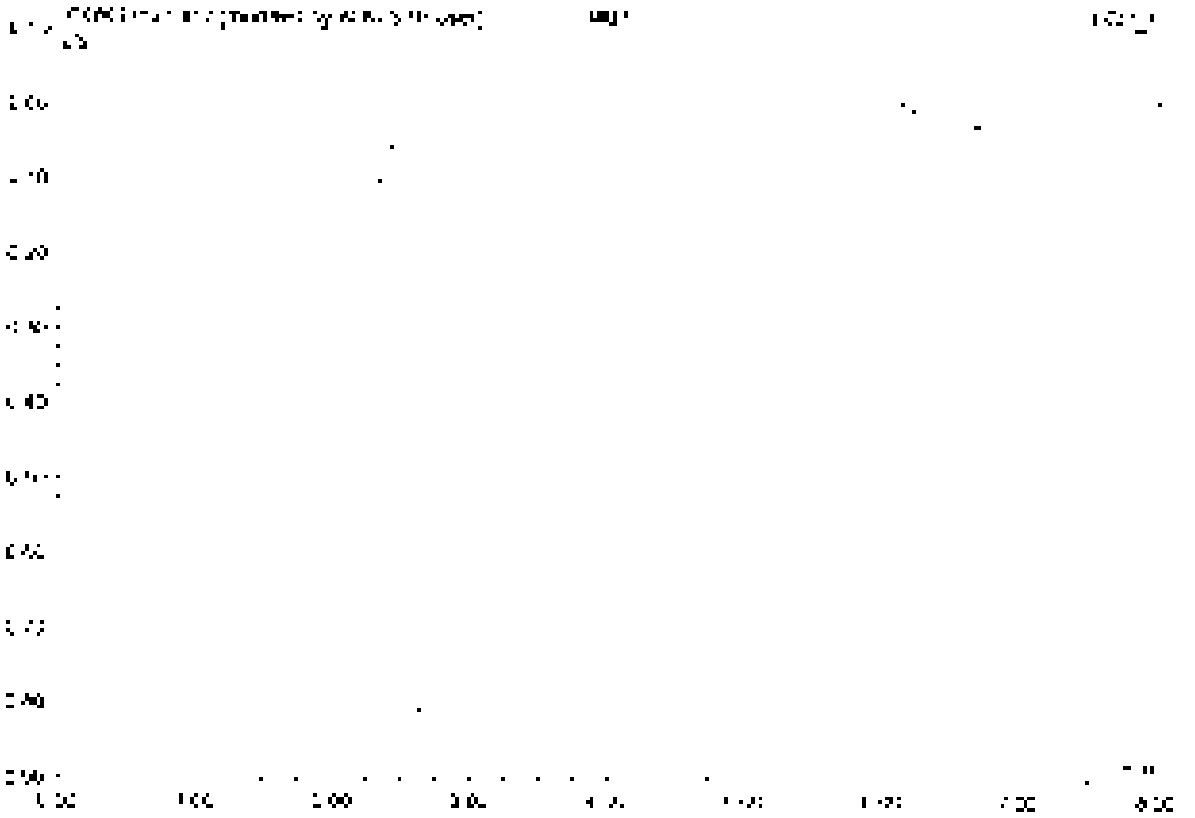
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Comm Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/15/2021 14:33	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.94	Fluoride	5.154	[illegible]	28.56	5.065	BMB
2	3.76	Chloride	7.077	0.937	17.47	4.833	BMB
3	4.33	Nitrite	5.472	0.972	18.13	2.445	BMB
4	4.95	Bromide	[illegible]	0.171	3.57	2.405	BMB
5	5.47	Nitrate	6.378	1.034	21.59	2.458	BMB
6	6.64	Sulfate	2.907	0.566	12.64	4.918	BMB
Total:			28.133	4.797	100.00	22.130	

12 MB1

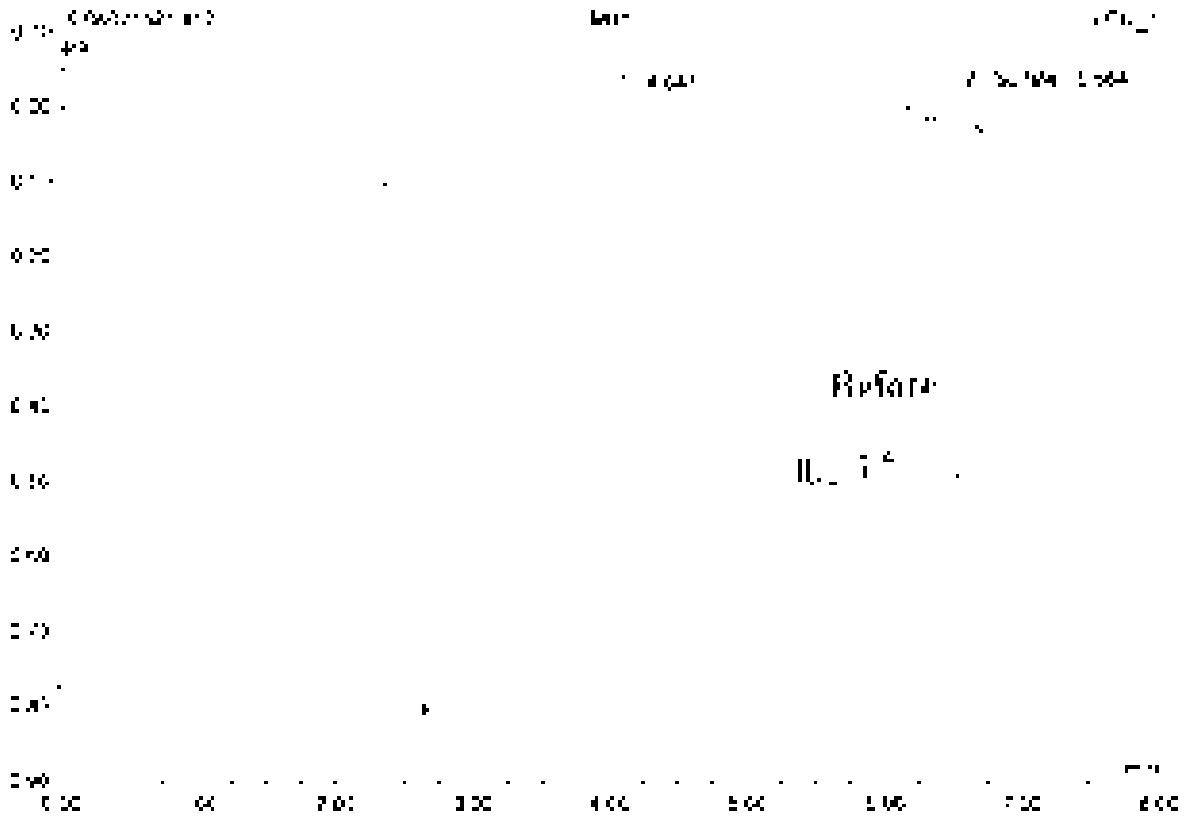
Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recovery Time	7/15/2021 14:42	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total			0.000	0.000	0.00	0.000	

12 MB1

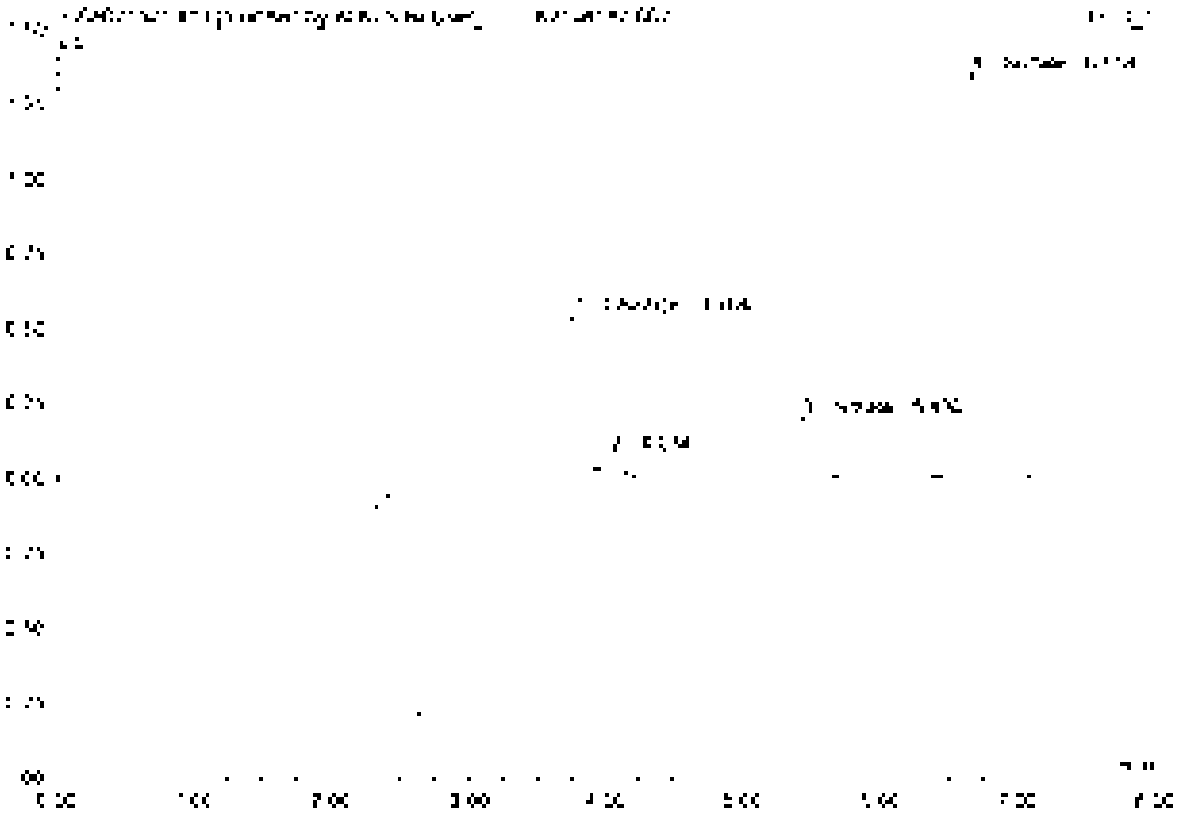
Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	LCD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Processing Time	7/13/2021 14:42	Sample Weight	1.0000
Run Time [min]	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	n.a.	0.524	[illegible]	99.42	n.a.	BMB
2	6.66	S. late	0.045	0.008	0.58	0.063	nMB
Total			0.572	[illegible]	100.00	0.063	

13 K2108182-002

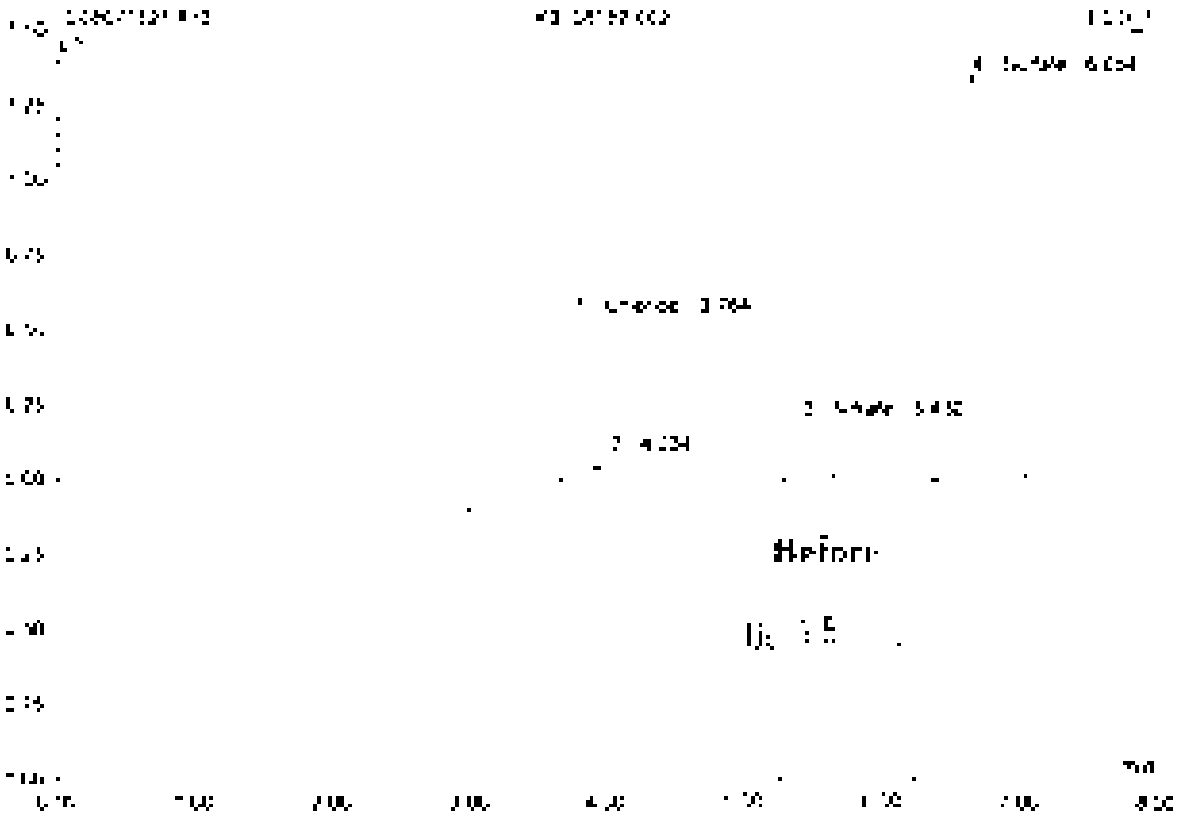
Sample Name	K2108182-002	Injection Volume	25.0
Vial Number	3	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/13/2021 14:32	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.76	Chloride	0.535	0.060	15.57	0.694	BMB*
2	4.03	n.a.	0.006	0.006	1.56	n.a.	BMB
3	5.40	Nitrate	0.200	0.032	8.24	0.152	BV3
4	6.65	Sulfate	1.347	0.288	74.67	4.656	BV3
Total:			2.135	0.387	100.00	5.542	

13 K2108182-002

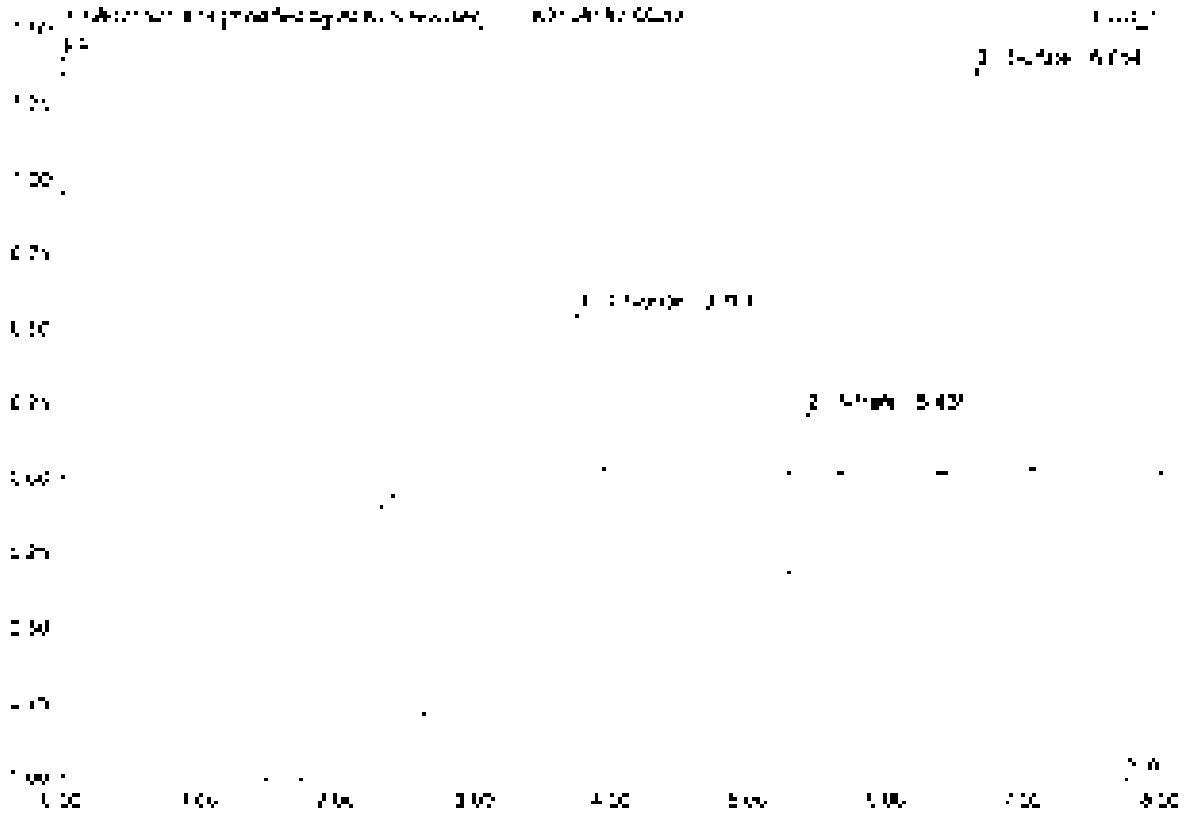
Sample Name	K2108182-002	Injection Volume	25.0
Vial Number	5	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/15/2021 14:52	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	RetTime min	Peak Name	Height µS	Area µS*min	RelArea %	Amount	Type
1	3.76	Chloride	0.533	0.060	15.46	0.651	BMB
2	4.03	n.a.	0.066	0.006	1.56	n.a.	BMD
3	5.43	Nitrate	0.206	0.032	8.26	0.152	BMB
4	6.65	Sulfate	1.347	0.289	74.72	4.696	BMB
Total:			2.135	0.387	100.00	5.539	

14 K2108182-002D

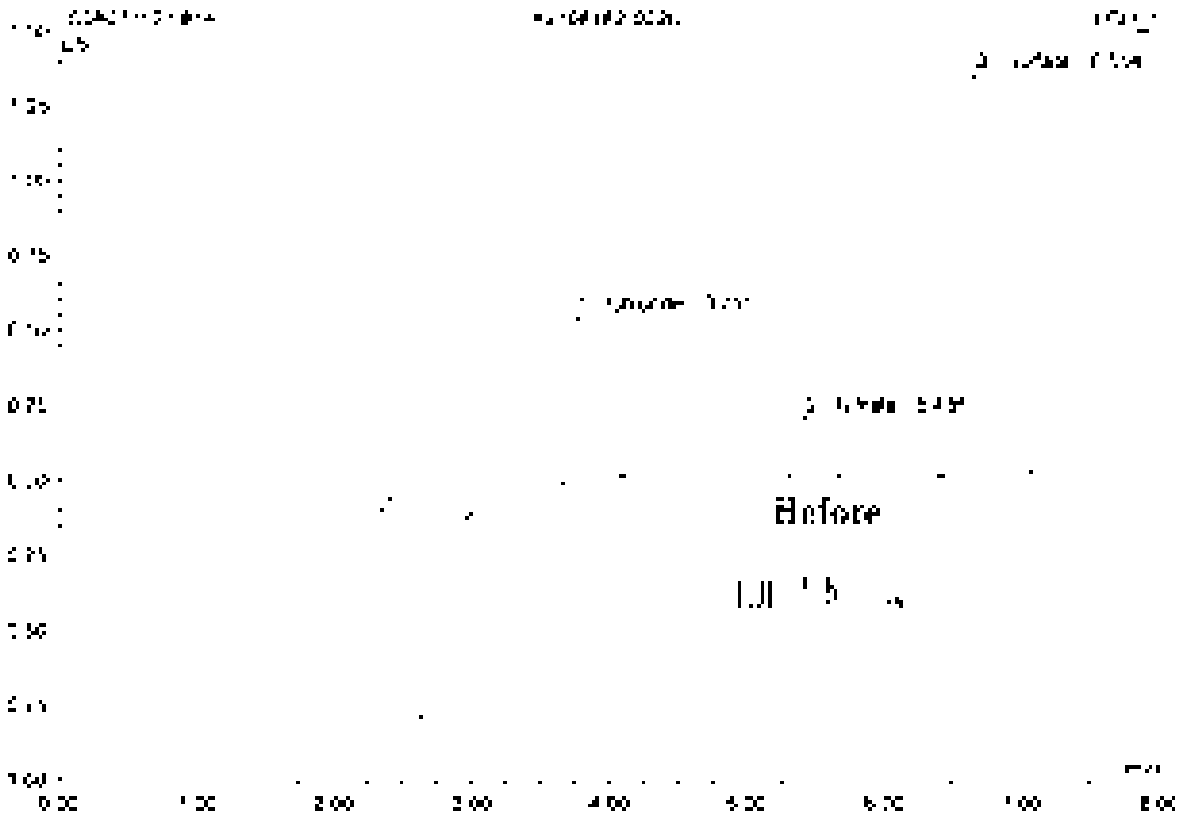
Sample Name	K2108182-002D	Injection Volume	25.0
Vial Number	6	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/15/2021 15:01	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



Nr.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	3.78	Chloride	0.549	0.063	16.39	0.724	BV B*
2	5.43	Nitrate	0.204	0.032	8.47	0.154	BMB
3	6.65	Sulfate	1.356	0.288	75.18	4.675	BMB
Total:			2.099	0.383	100.00	5.553	

14 K2108182-002D

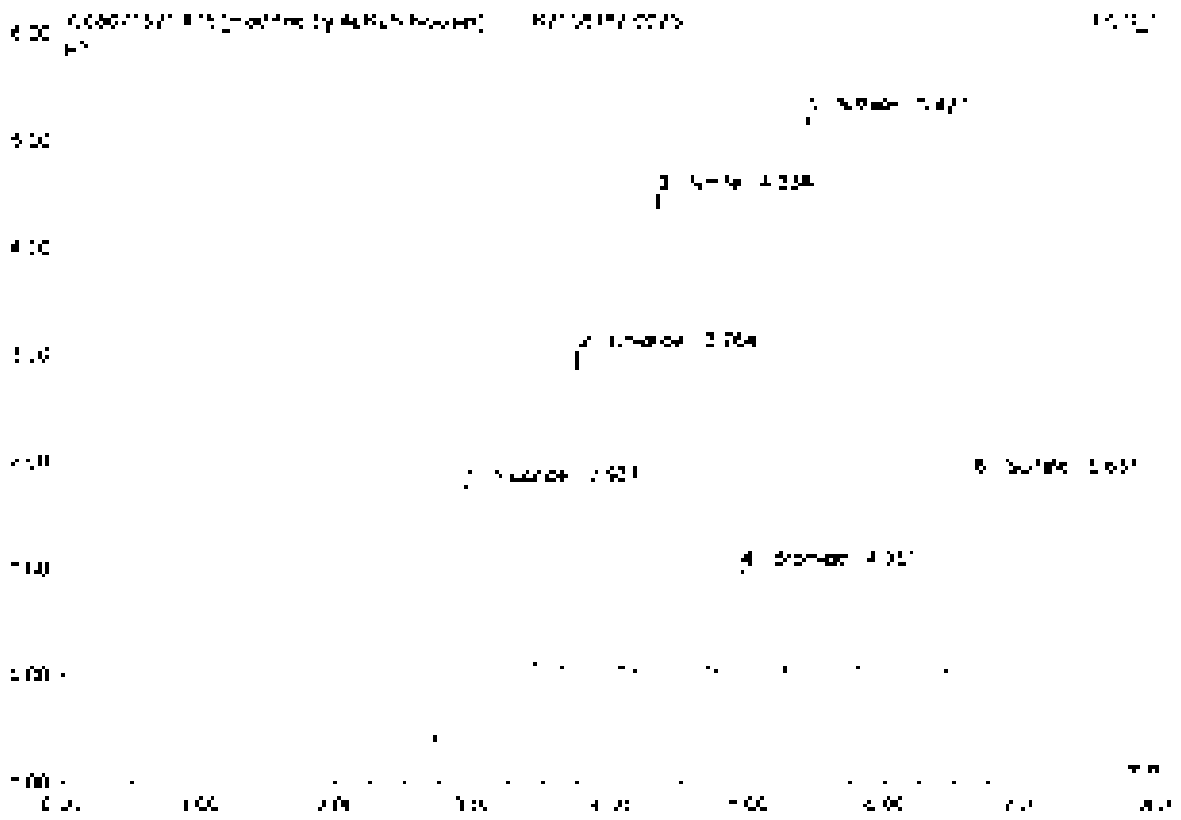
Sample Name	K2108182-002D	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	7/15/2021 15:01	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.76	Chlorate	0.559	0.066	[illegible]	0.802	BV B
2	5.43	Nitrite	0.204	0.032	8.31	0.154	BV B
3	6.65	Sulfate	1.346	0.288	[illegible]	4.675	BV B
Total:			2.109	0.386	100.00	5.630	

15 K2108182-002S

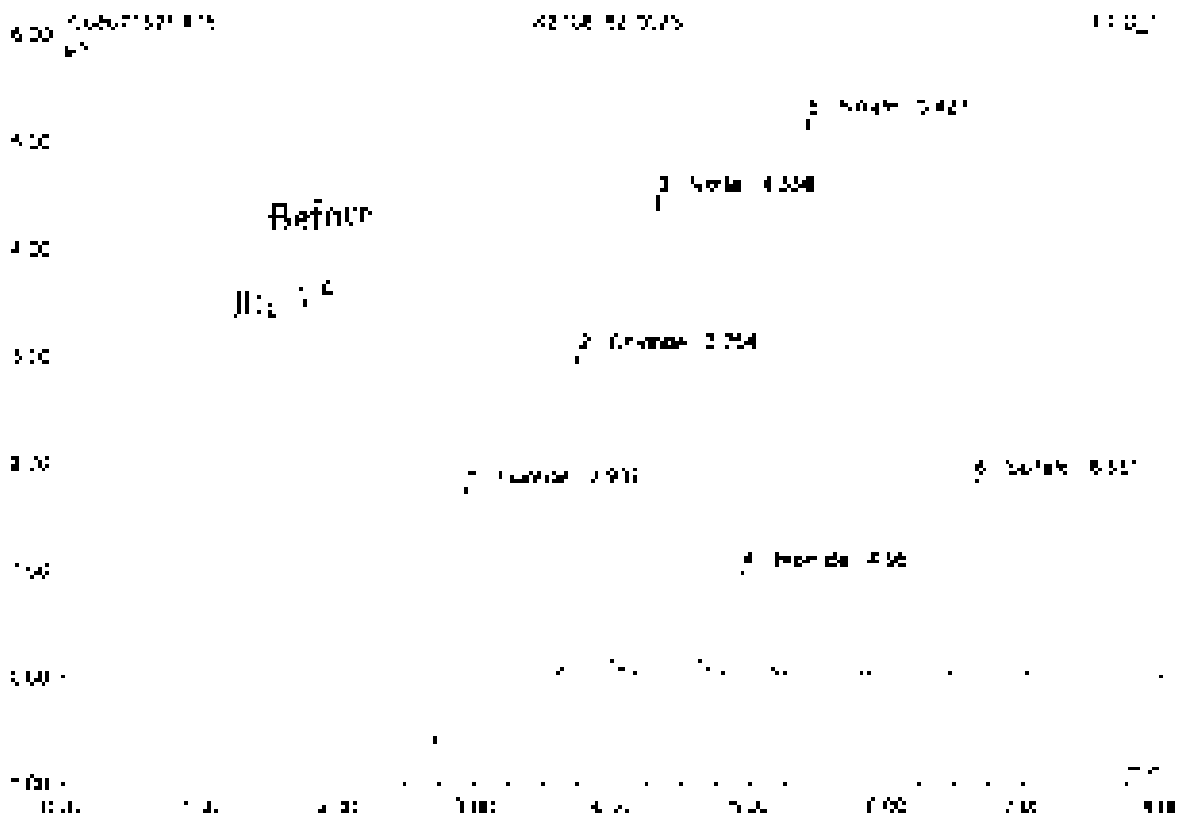
Sample Name	K2108182-002S	Injection Volume	25.0
Vial Number	6	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	4.0000
Recording Time	7/15/2021 16:11	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	2.170	0.542	16.25	8.632	BV BT
2	3.76	Chloride	2.953	0.396	11.98	8.219	BV BT
3	4.33	Nitrite	4.457	0.708	23.85	7.959	BMB
4	4.55	Bromide	0.542	0.137	4.07	7.717	BMB
5	5.40	Nitrate	5.101	0.842	28.36	8.005	BV9
6	6.65	Sulfate	1.828	0.384	12.94	12.478	BV9
Total:			17.532	2.969	100.00	53.010	

15 K2108182-002S

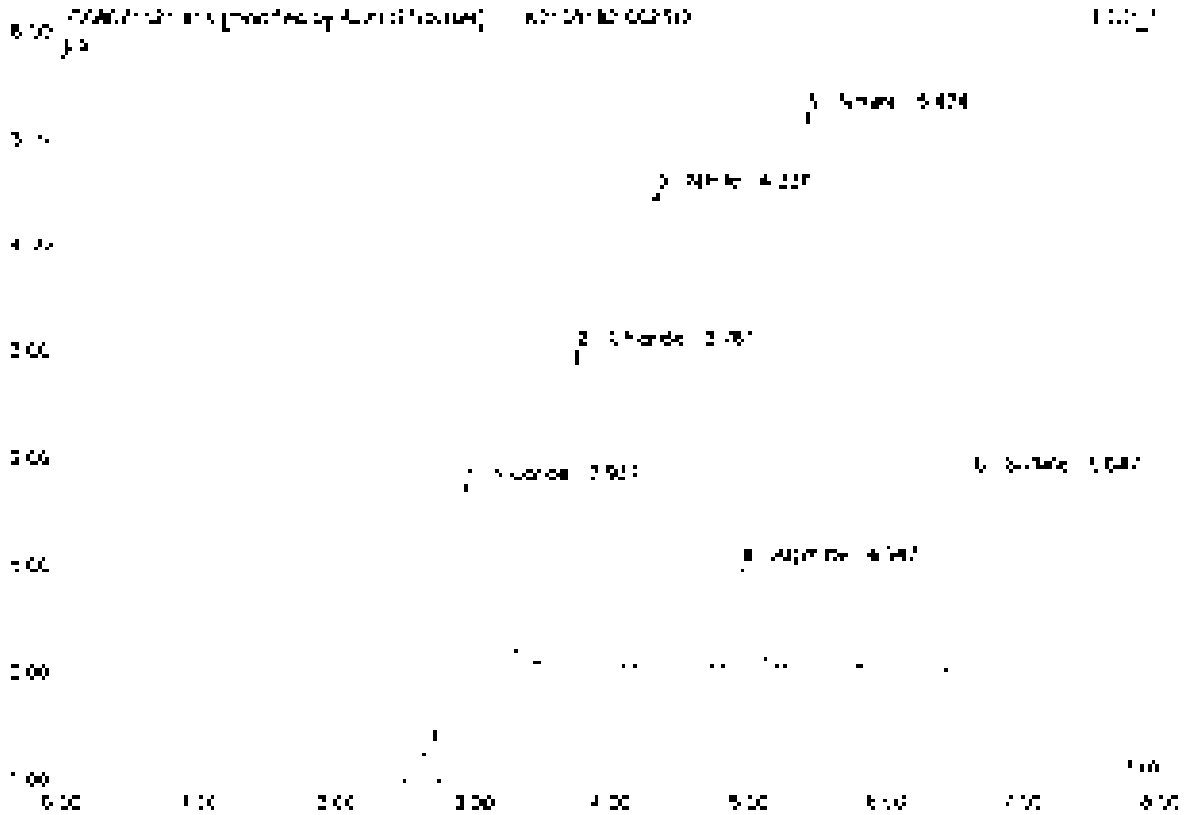
Sample Name	K2108182-002S	Injection Volume	35.0
Vial Number	5	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	4.0000
Recording Time	7/15/2021 15:11	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	2218	0.676	20.24	9811	BMB
2	3.76	Chloride	2553	0.596	17.84	5218	BMB
3	4.23	Nitrite	4457	0.708	23.27	7959	BMB
4	4.55	Bromide	0.942	0.137	4.10	7717	BMB
5	5.40	Nitrate	5181	0.842	27.62	8005	BMB
6	6.65	Sulfate	1829	0.384	12.61	12478	BMB
Total			17560	3.049	100.00	54190	

16 K2108182-002SD

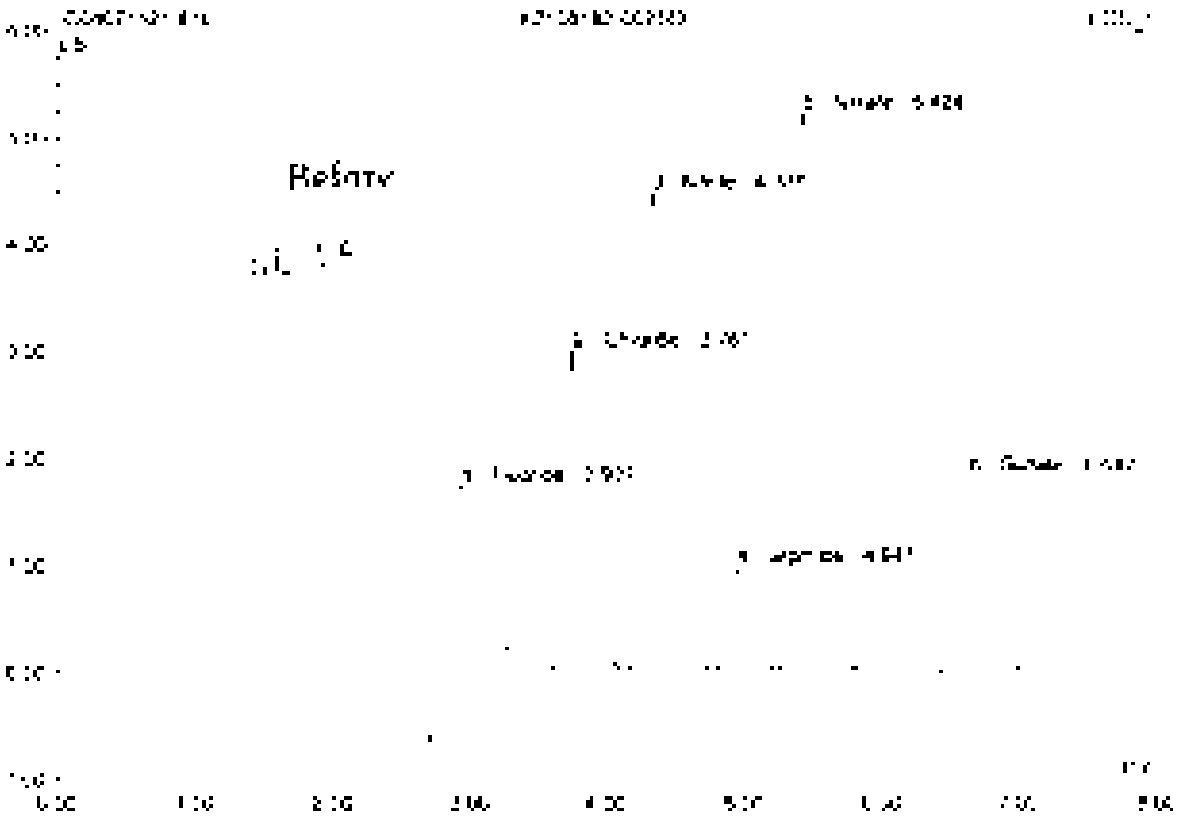
Sample Name	K2108182-002SD	Injection Volume	25.0
Vial Number	5	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	4.0000
Recording Time	3/15/2021 15:11	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	2.150	0.541	18.21	2.615	BMB*
2	3.70	Chloride	2.553	0.330	11.37	3.215	BMB*
3	4.31	Nitrite	4.452	0.705	20.56	7.955	BMB
4	4.55	Bromide	0.945	0.137	4.63	1.751	BMB
5	5.42	Nitrate	5.189	0.849	28.37	8.611	BMB
6	6.65	Sulfate	1.832	0.385	12.96	12.489	BMB
Total			17.530	2.970	100.00	33.045	

16 K2108182-002SD

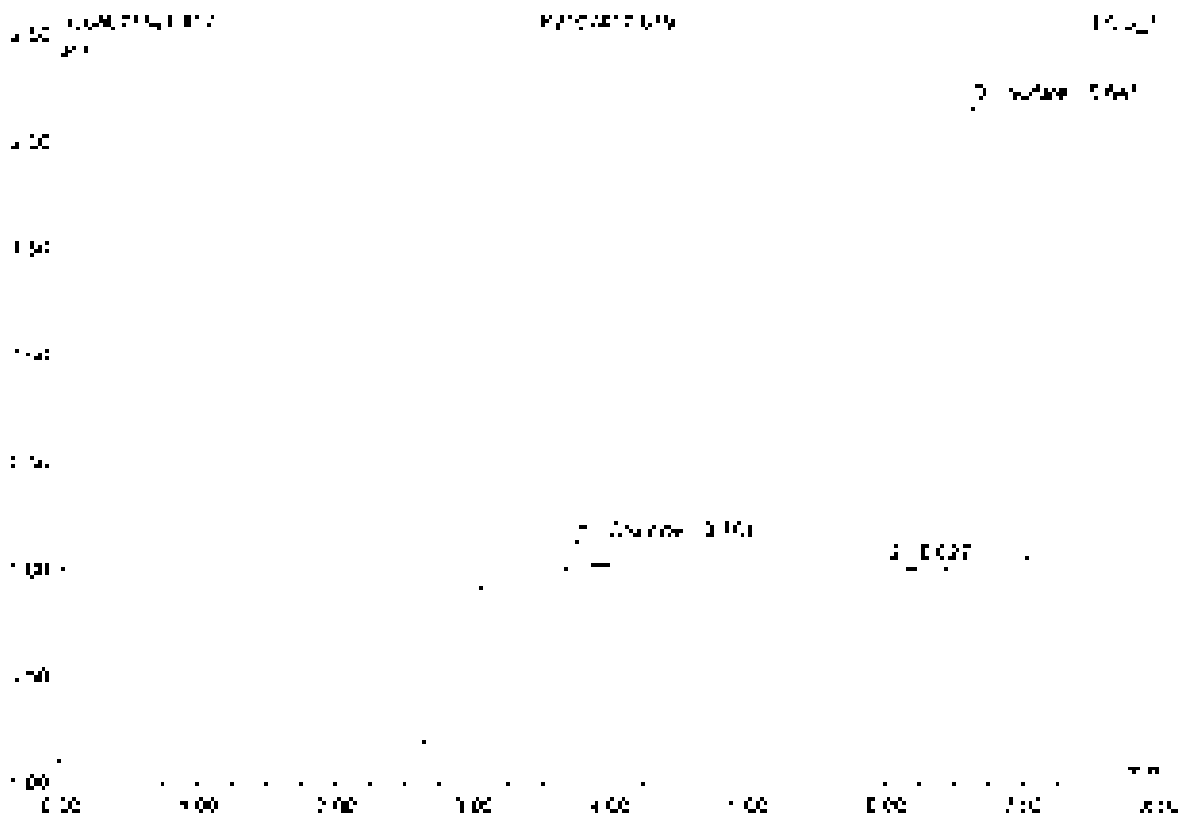
Sample Name	K2108182-002SD	Injection Volume	15.0
Vial Number	5	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	3/15/2021 14:31	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	2.209	0.616	20.21	9.809	BV
2	3.76	Chloride	2.953	0.356	11.68	8.215	BMB
3	4.33	Nitrite	4.452	0.709	23.27	7.965	BMB
4	4.95	Bromide	0.945	0.197	6.52	7.751	BMB
5	5.42	Nitrate	5.189	0.843	27.67	8.011	BMB
6	6.85	Sulfate	1.832	0.385	12.63	12.489	BMB
Total			17.579	3.045	100.00	54.241	

17 K2107417-019

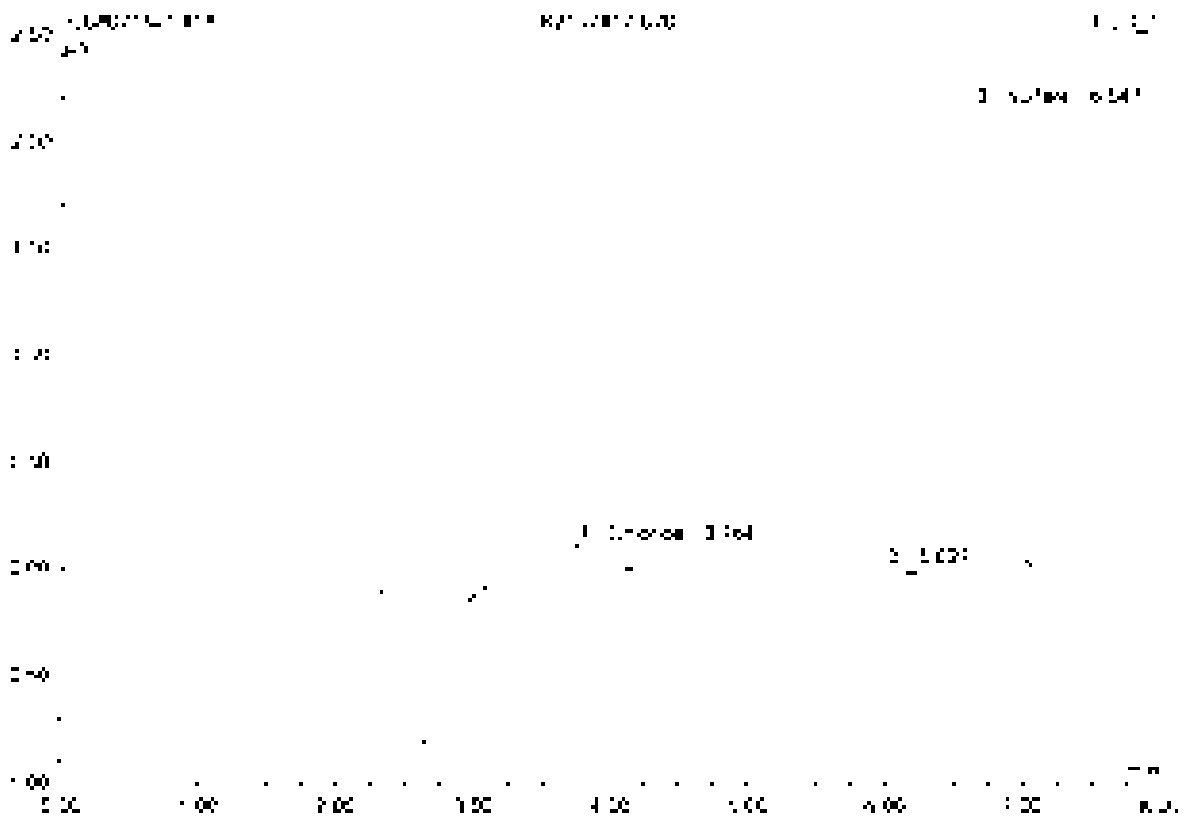
Sample Name	K2107417-019	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	400.0000
Recording Time	7/15/2021 16:30	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Chloride	[illegible]	[illegible]	2.47	[illegible]	BMB
2	6.03	n.a.	[illegible]	[illegible]	1.53	n.a.	BMU
3	6.64	Sulfate	[illegible]	[illegible]	96.00	[illegible]	BMB
Total			[illegible]	[illegible]	100.00	[illegible]	

18 K2107417-020

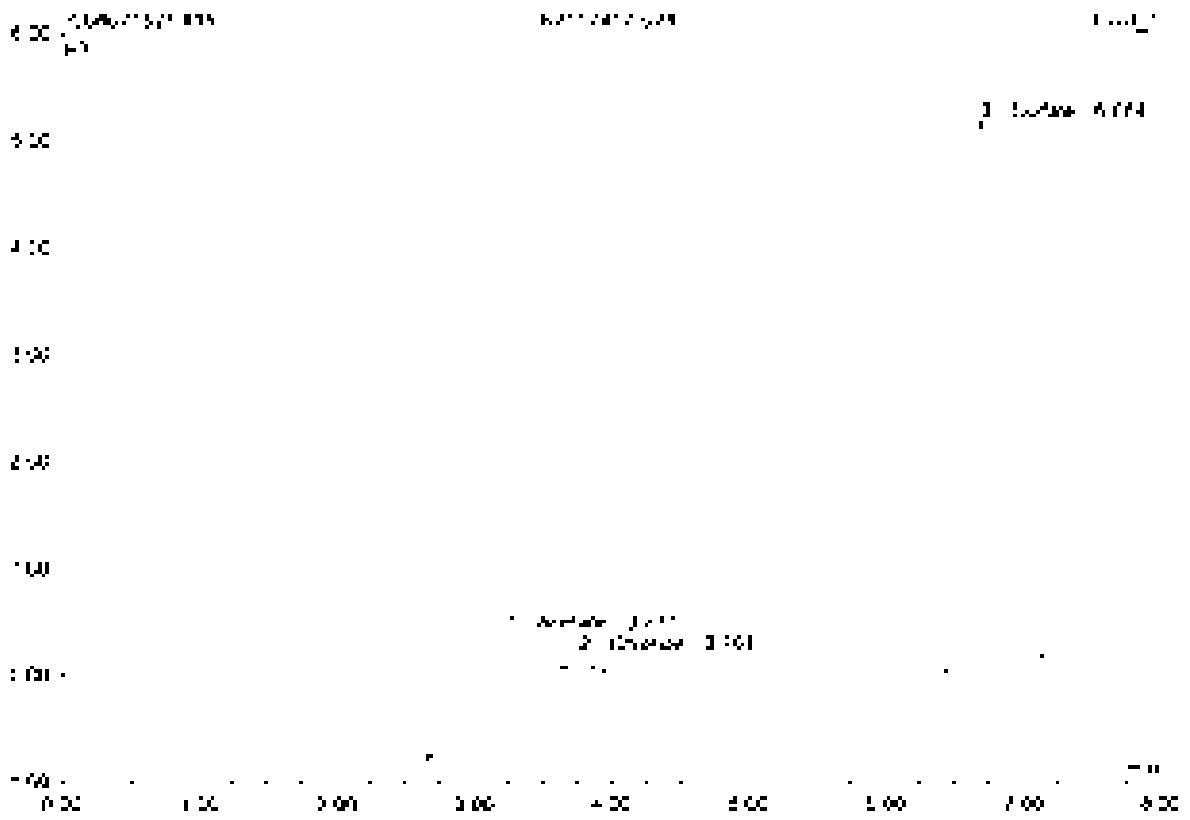
Sample Name	K2107417-020	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	400.0000
Recording Time	7/19/2021 16:40	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.46	Chloride	0.154	0.040	0.65	55.817	BMB
2	6.03	n.a.	0.027	0.001	1.48	n.a.	BMB
3	6.55	Sulfate	2.150	0.447	98.87	1452.500	BMB
Total:			2.340	0.488	100.00	1508.316	

19 K2107417-028

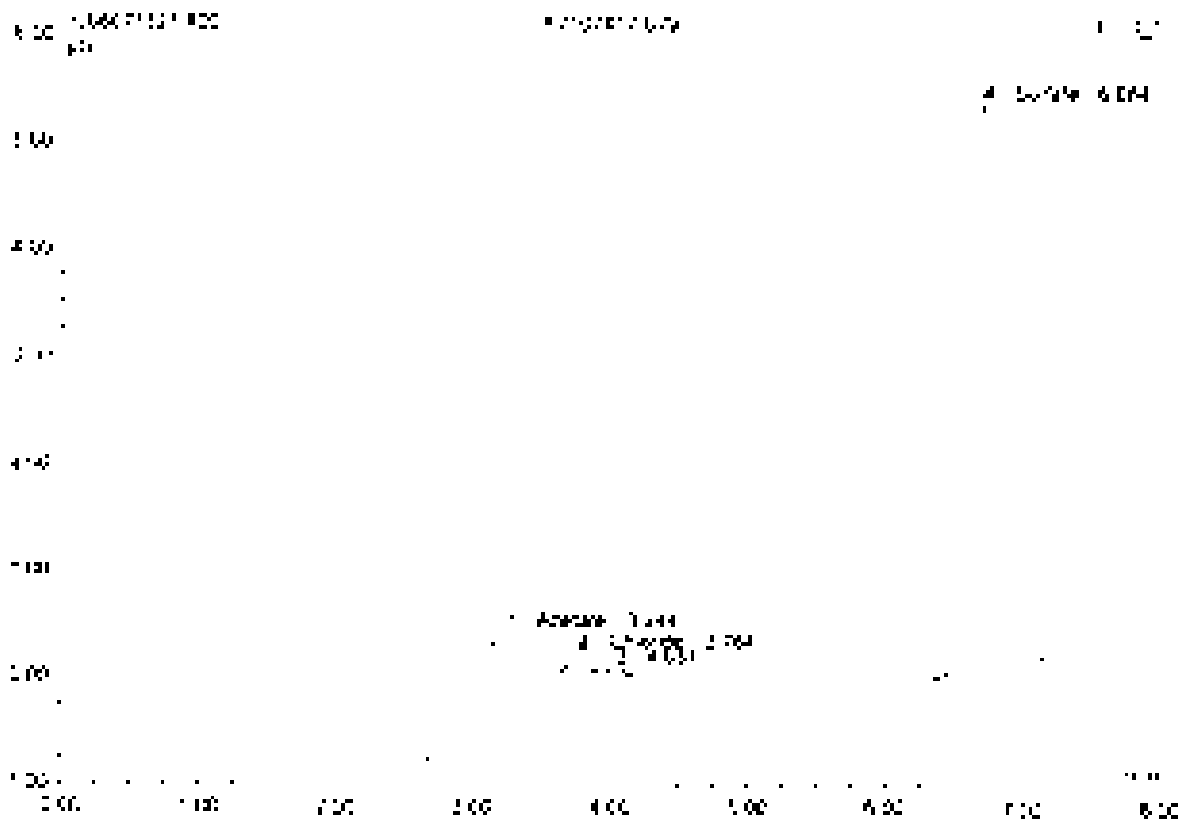
Sample Name	K2107417-028	Injection Volume	25.0
Vial Number	9	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	400.0000
Recording Time	7/13/2021 16:49	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.24	Acetate	0.689	0.399	24.24	[illegible]	BMB
2	3.76	Chloride	0.726	0.016	0.63	31.604	BMB
3	5.68	Sulfate	5.079	1.236	74.93	4007.277	BMB
Total:			5.854	1.651	100.00	4038.580	

20 K2107417-029

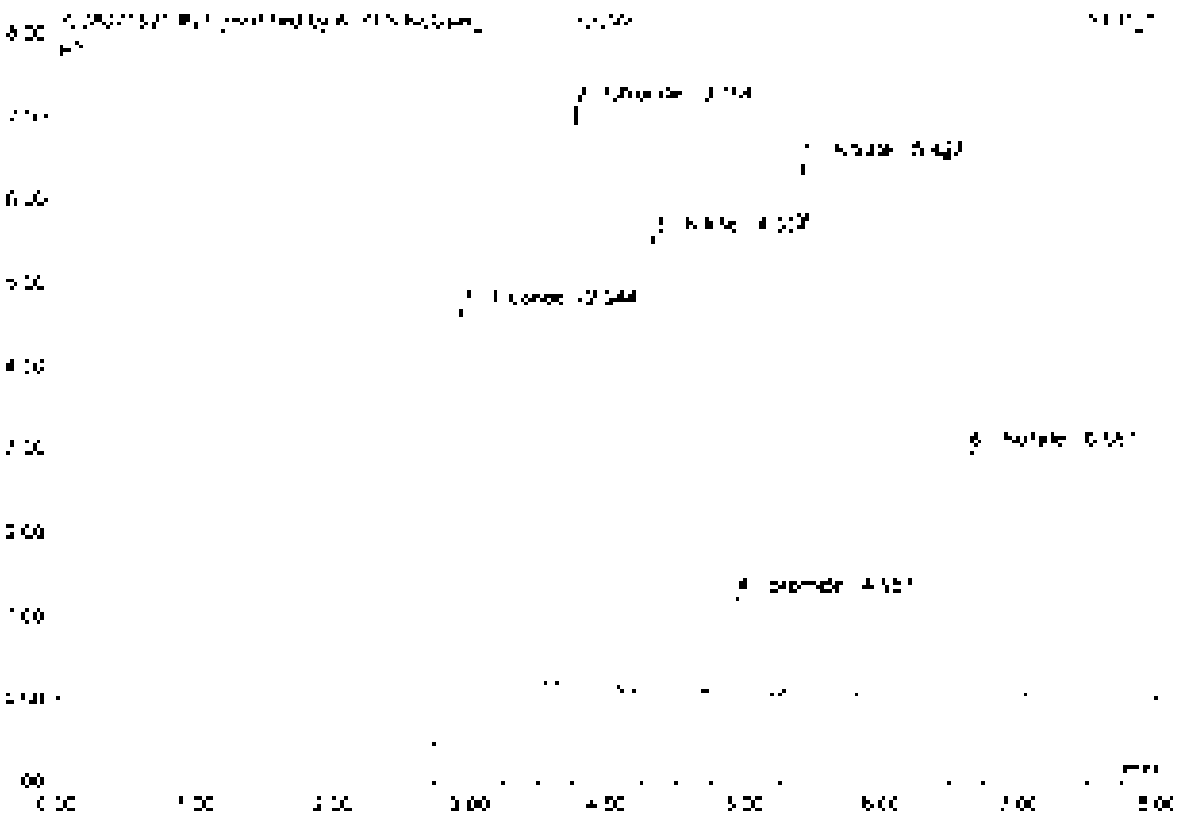
Sample Name	K2107417-029	Injection Volume	25.0
Vial Number	10	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	400.0000
Processing Time	7/15/2021 15:59	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.24	Acetone	0.716	0.350	20.03	n.a.	BMB
2	3.76	Chloroform	0.166	0.018	1.01	42.223	BMB
3	4.94	n.a.	0.052	0.006	0.34	n.a.	BVB
4	5.62	Sulfolane	5.287	1.368	78.56	4183.723	BMB
Total:			6.220	1.742	100.00	4225.945	

21 CCV2

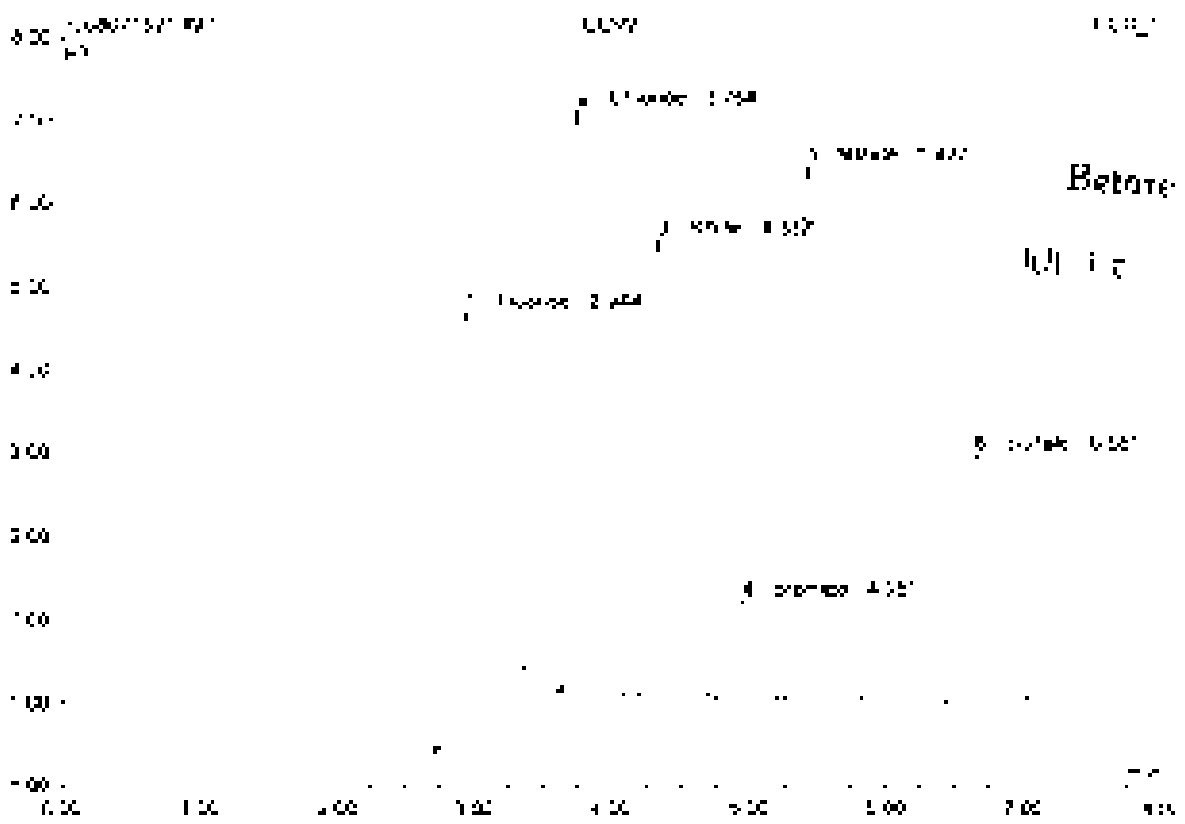
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	7/15/2021 16:08	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	5.070	1.214	25.64	4.235	BMB*
2	3.76	Chloride	6.929	0.872	18.42	4.720	BMB*
3	4.34	Nitrite	5.510	0.812	17.16	2.455	BMB
4	4.95	Bromide	1.770	0.170	3.58	2.351	BMB
5	5.40	Nitrate	6.411	1.037	21.90	2.465	BMB
6	6.85	Sulfate	2.965	0.651	13.75	4.963	BMB
Total:			28.121	4.735	100.00	21.895	

21 CCV2

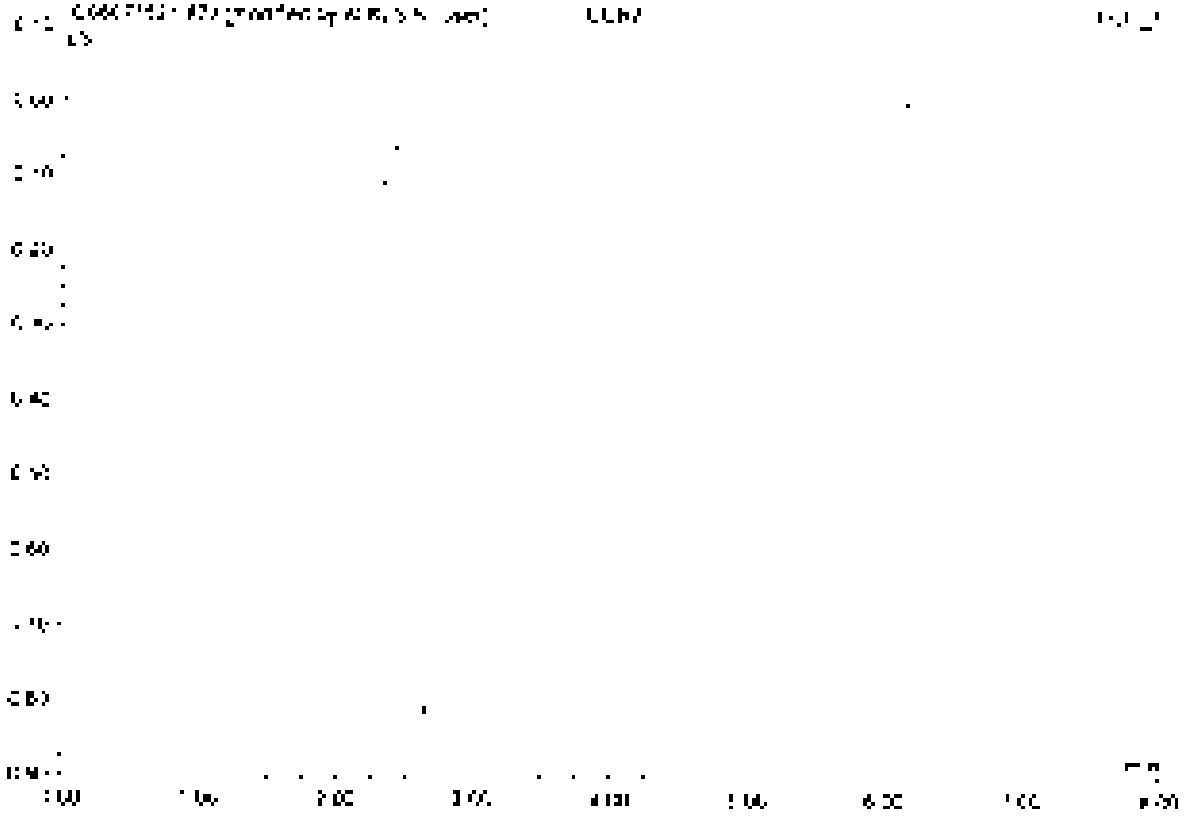
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Centrifuge Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Processing Time	7/16/2021 15:08	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	[illegible]	[illegible]	26.49	[illegible]	BMB
2	3.78	Chloride	[illegible]	[illegible]	17.29	[illegible]	BMB
3	4.34	Nitrite	[illegible]	[illegible]	19.27	[illegible]	BMB
4	4.95	Bromide	[illegible]	[illegible]	3.54	[illegible]	BMB
5	5.49	Nitrate	[illegible]	[illegible]	21.65	[illegible]	BMB
6	6.65	Sulfate	[illegible]	[illegible]	12.76	[illegible]	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

22 CCB2

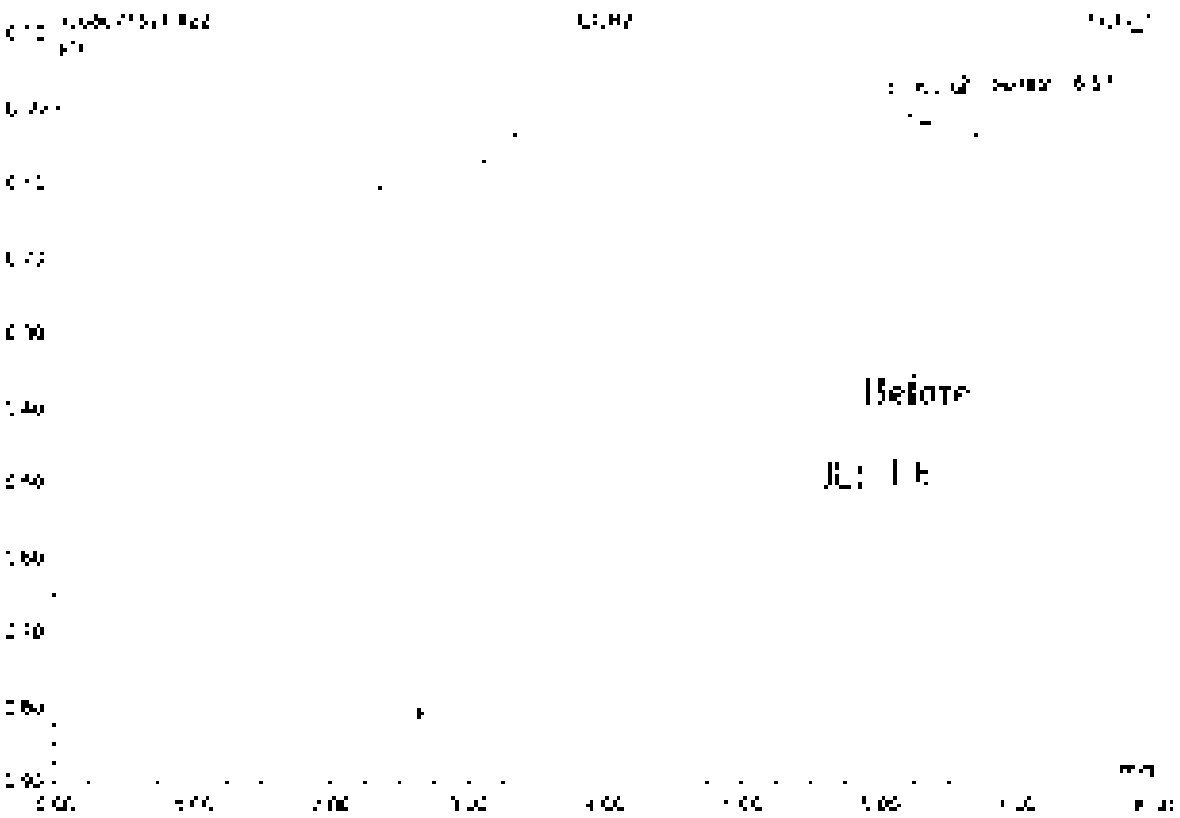
Sample Name	CCB2	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spe300	Bandwidth	n.a.
Control Method	spe300	Dilution Factor	1.0000
Recovery Time	7/15/2021 16:16	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

22 GCB2

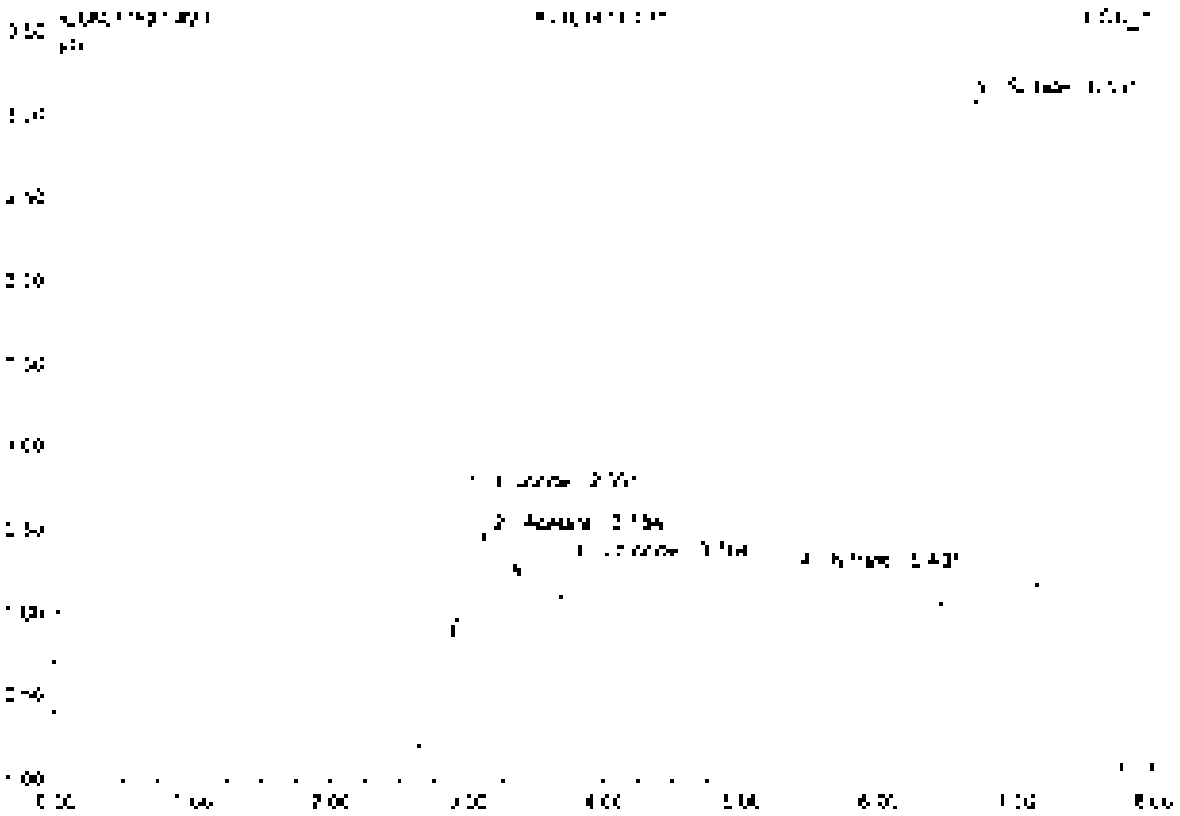
Sample Name	GCB2	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Calibration Chromatogram	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	7/15/2021 16:18	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.03	n.a.	0.092	[illegible]	99.45	n.a.	BMb
2	6.57	Sulfate	0.047	0.008	0.55	0.061	SMB
Total:			0.139	[illegible]	100.00	0.061	

23 K2107417-031

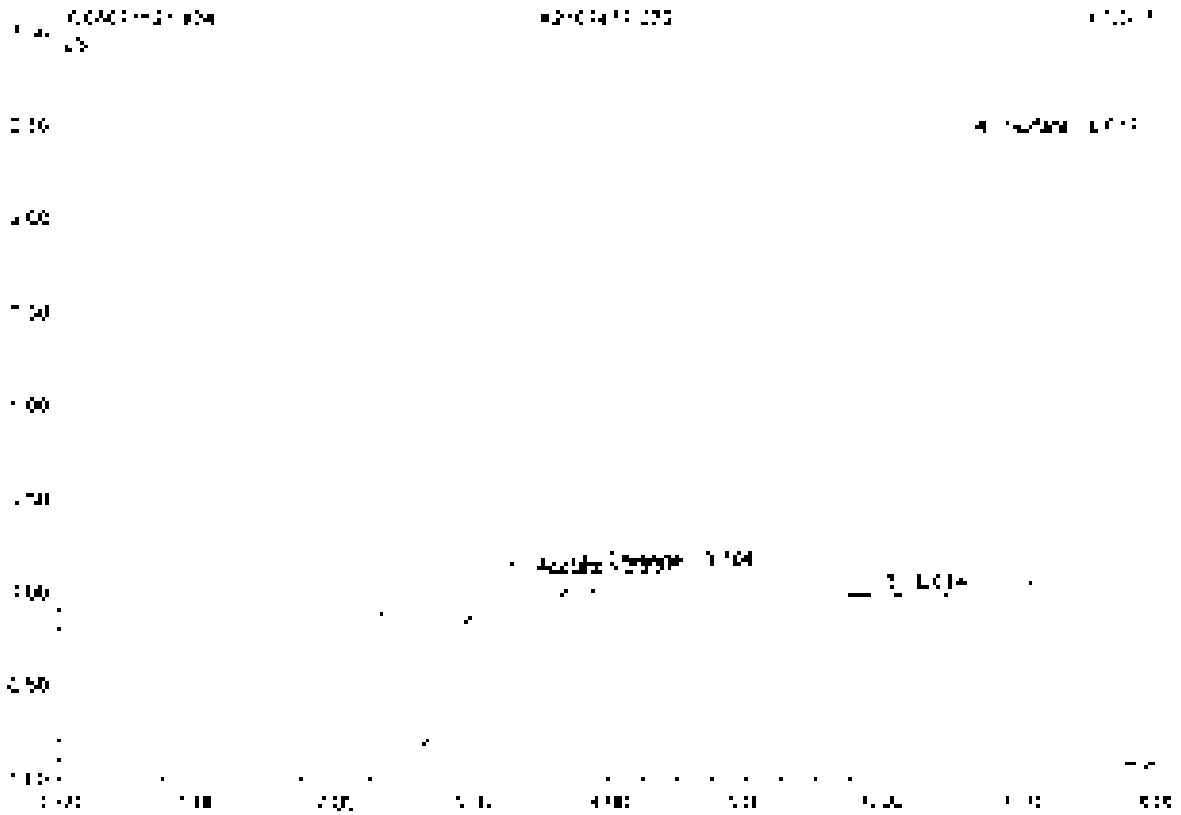
Sample Name	K2107417-031	Injection Volume	25.0
Vial Number	11	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Comm. Property	epa300	Bandwidth	n.a.
Quant. Method	epa300	Calibrat. Factor	400.0000
Recording Time	7/15/2021 16:28	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.50	Fluoride	0.504	0.068	7.41	107.574	BMB
2	3.10	Acetate	0.075	0.015	1.60	n.a.	BMB
3	3.75	Chloride	0.254	0.026	2.82	39.450	BMB
4	5.43	Nitrate	0.216	0.035	3.87	38.540	BMB
5	6.50	Sulfate	3.505	0.759	84.27	2496.365	BMB
Total			4.126	0.912	100.00	2681.435	

24 K2107417-032

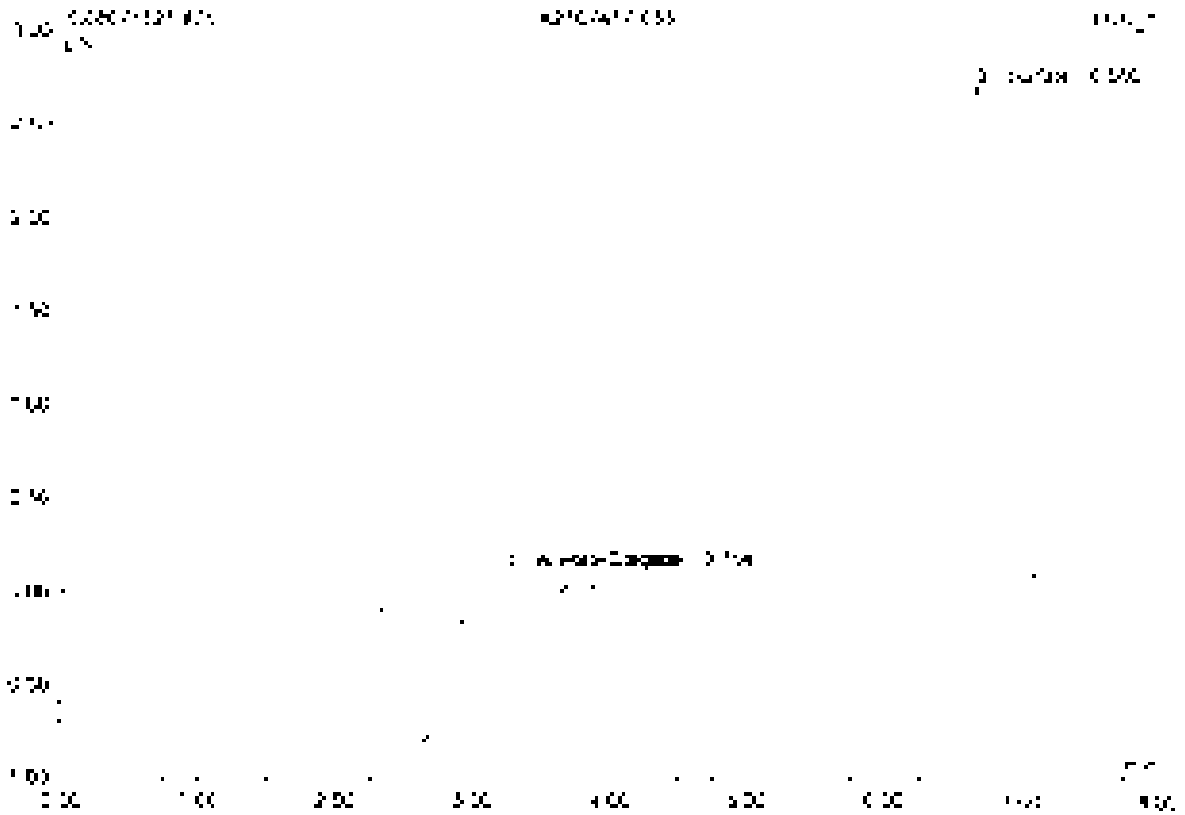
Sample Name	K2107417-032	Injection Volume	25.0
Vial Number	12	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Calibrat. Factor	1000.0000
Processing Time	7/15/2021 16.37	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.24	Acetate	0.423	0.290	[illegible]	n.a.	BMB
2	3.76	Chloride	0.[illegible]20	0.010	[illegible].56	[illegible].217	BMB
3	6.01	n.a.	0.020	0.005	0.61	n.a.	BMB
4	6.56	Sulfate	2.430	0.543	94.11	4407.672	BMB
Total:			2.882	0.847	100.00	4483.940	

25 K2107417-033

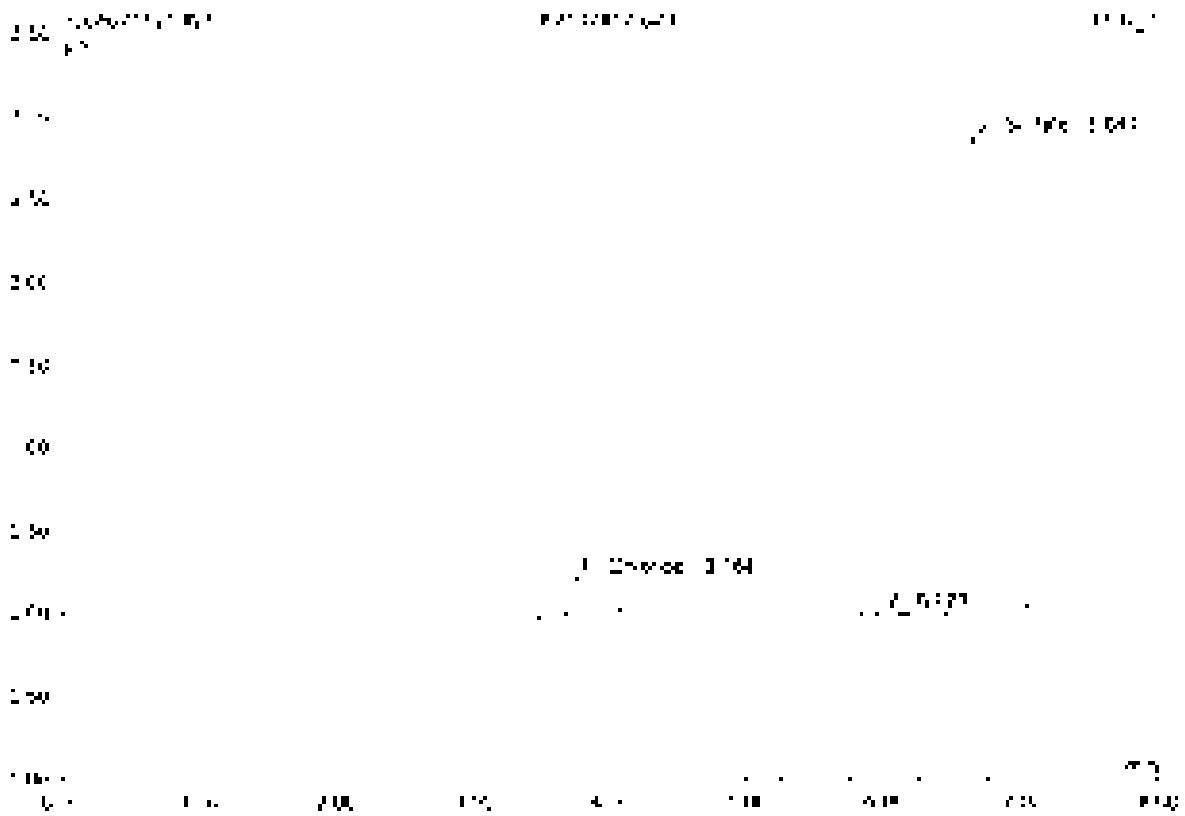
Sample Name	K2107417-033	Injection Volume	25.0
Vial Number	13	Channel	LCD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa200	Bandwidth	n.a.
Quant Method	spa200	Control Factor	5000.0000
Recording Time	7/15/2021 16:47	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.24	Acetate	0.427	0.290	[illegible]	n.a.	BMB
2	3.75	Chloride	0.095	0.017	[illegible]	[illegible]	BMB
3	6.06	Sulfate	2.672	3.625	67.50	[illegible]	UMB
Total:			3.194	5.326	100.00	[illegible]	

26 K2107417-023

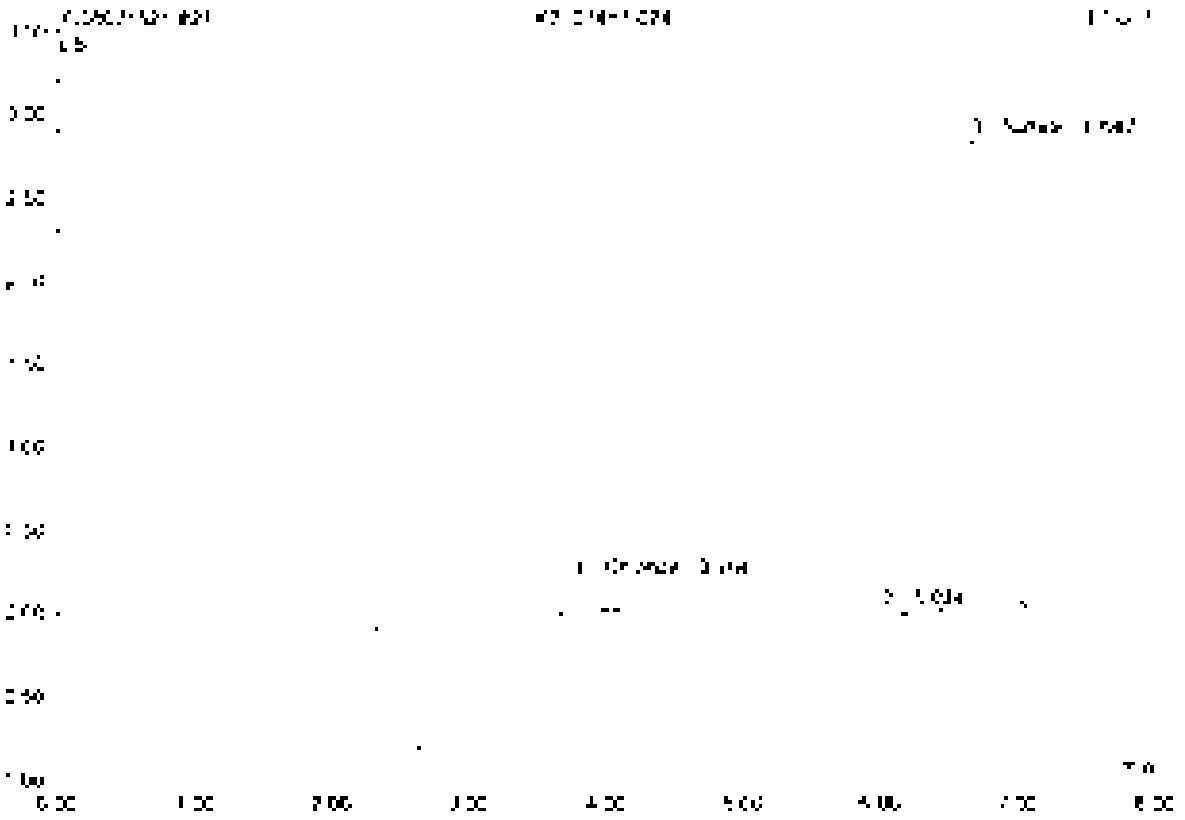
Sample Name	K2107417-023	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	200.0000
Recording Time	7/13/2021 15:57	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.76	Chloride	0.228	0.031	4.98	36.090	BV9
2	5.02	n.a.	0.024	0.005	0.89	n.a.	BV9
3	5.64	Sulfate	2.868	0.595	94.07	364.268	BV9
Total			3.118	0.632	100.00	400.358	

27 K2107417-024

Sample Name	K2107417-024	Injection Volume	35.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quant. Method	spa300	Dilution Factor	200.0000
Recording Time	7/15/2021 17:06	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



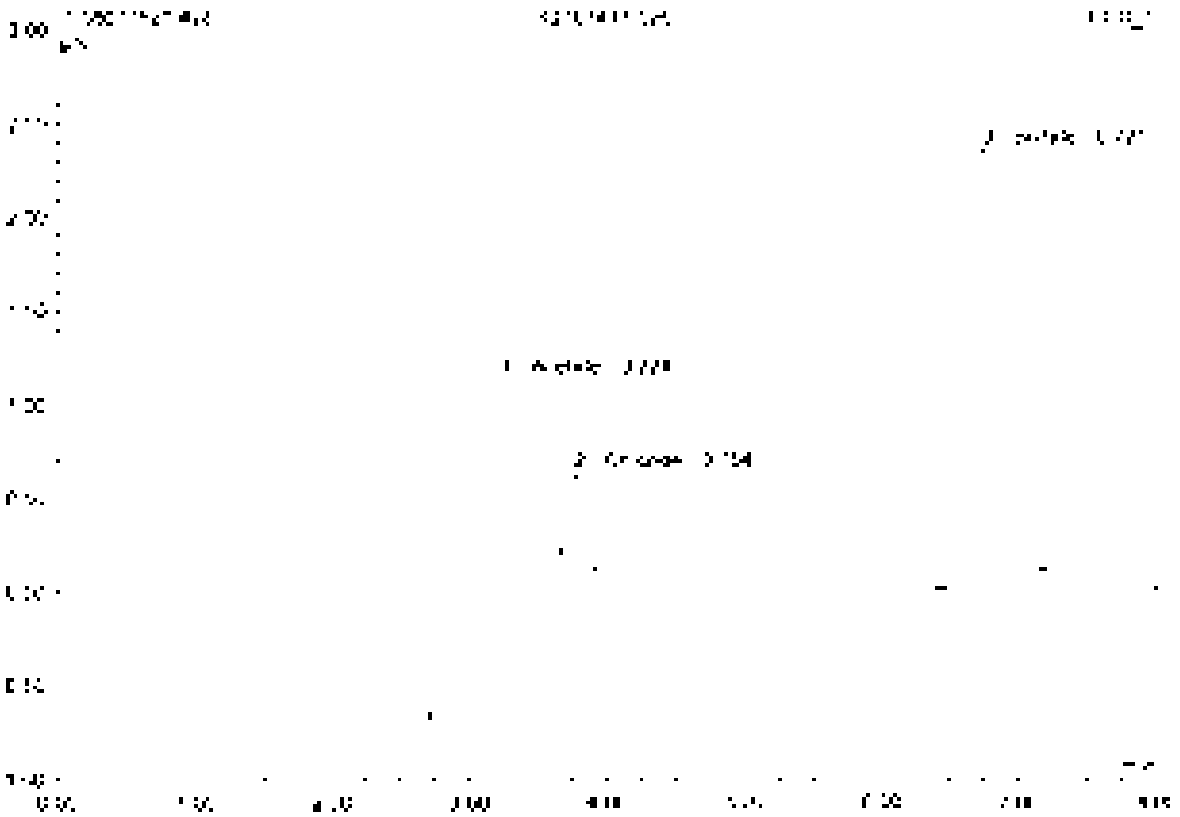
No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.70	Chloride	0.215	0.028	4.48	32.653	BMB
2	4.02	n.a.	0.031	0.017	2.66	n.a.	BMB
3	4.65	Sulfate	2.835	0.587	92.86	952.788	BMB
Total:			3.082	0.632	100.00	985.441	

default integrator

Chromeleon® Client 1998-2006
Version 6.80 SR1 build 4.3.0.2 [illegible]

28 K2107417-026

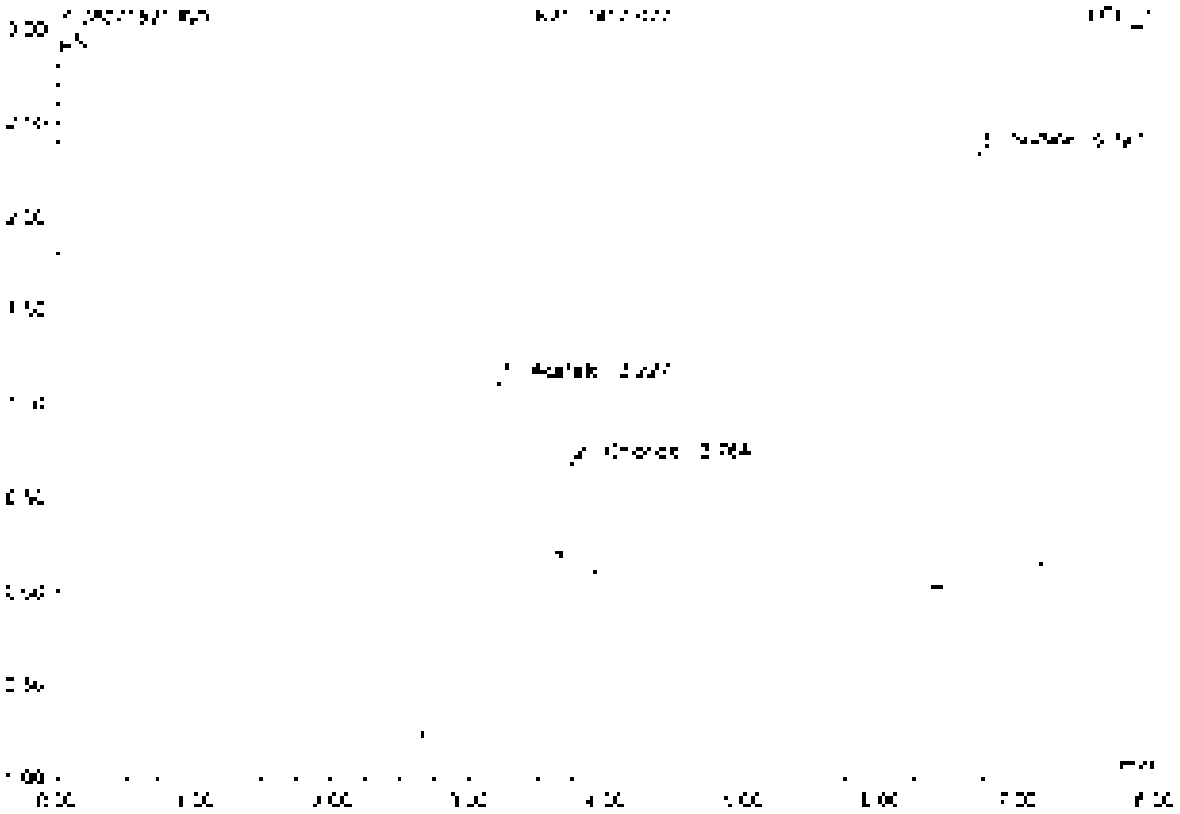
Sample Name	K2107417-026	Injection Volume	25.0
Vial Number	16	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	200.0000
Recording Time	7/16/2021 17:16	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.22	Acetate	1.353	0.562	47.10	n.a.	BV E
2	3.76	Chloride	0.470	0.252	4.24	50.430	bMD
3	5.22	Sulfate	2.206	0.596	48.66	961.145	bMD
Total:			4.028	1.206	100.00	1011.575	

29 K2107417-027

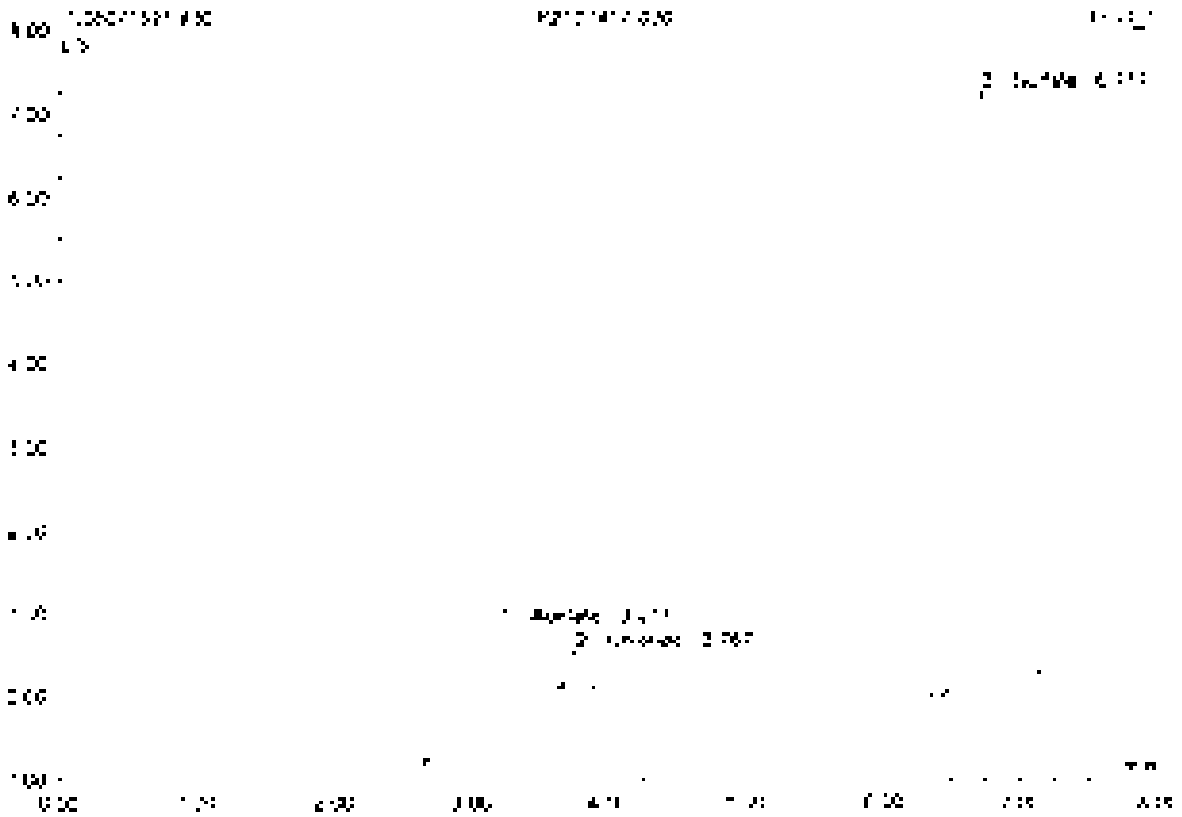
Sample Name	K2107417-027	Injection Volume	26.0
Vial Number	17	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant Method	wpa300	Dilution Factor	200.0000
Recording Time	7/15/2021 17:35	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Acetate	[illegible]	[illegible]	48.47	n.a.	BMb
2	3.76	Chlorate	0.524	1.059	4.72	67.735	BMB
3	6.77	Sulfate	2.278	3.581	46.80	942.808	BMB
Total:			4.151	7.281	100.00	1010.544	

30 K2107417-030

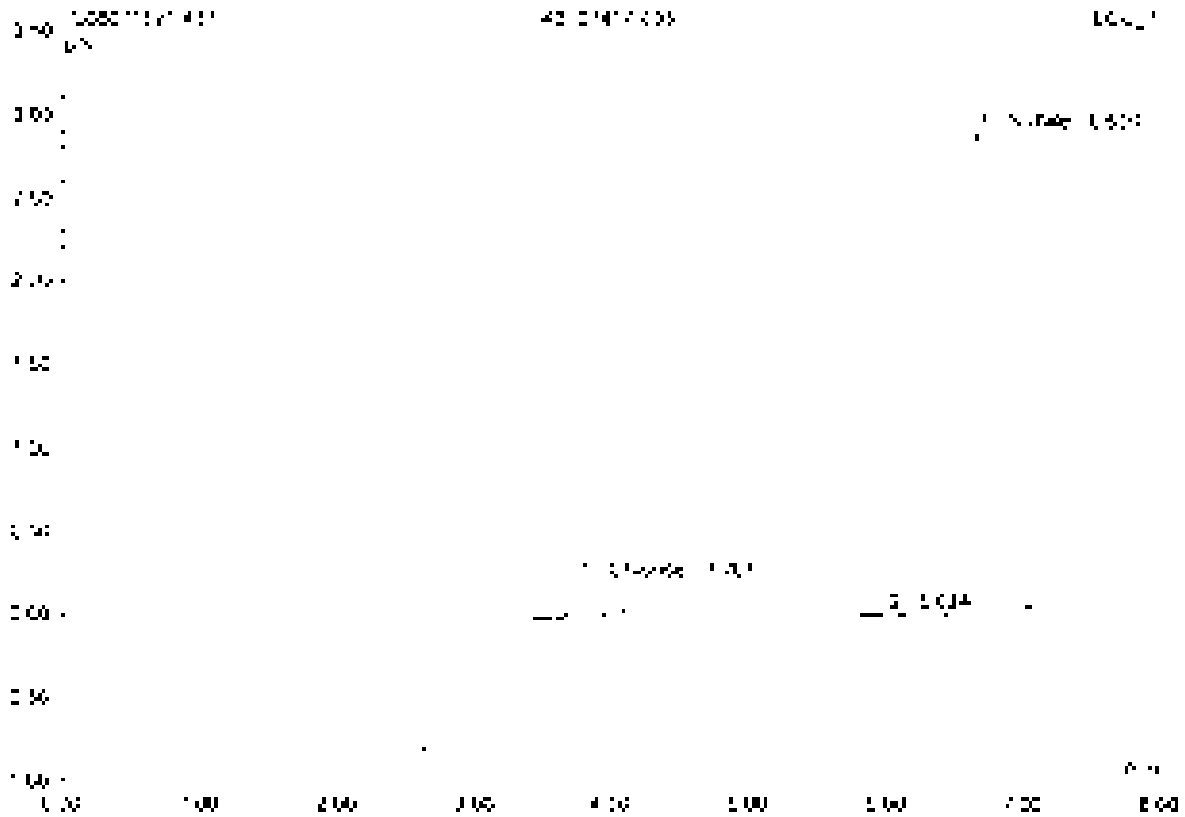
Sample Name	K2107417-030	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spe300	Bandwidth	n.a.
Quantif. Method	spe300	Dilution Factor	200.0000
Recording Time	7/15/2021 17:35	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.22	Acetate	[illegible]	[illegible]	22.42	n.a.	BV6
2	[illegible]	Chloride	[illegible]	[illegible]	2.09	[illegible]	[illegible]
3	[illegible]	Sulfate	[illegible]	[illegible]	75.49	[illegible]	BM8
Total:			[illegible]	[illegible]	100.00	[illegible]	

31 K2107417-035

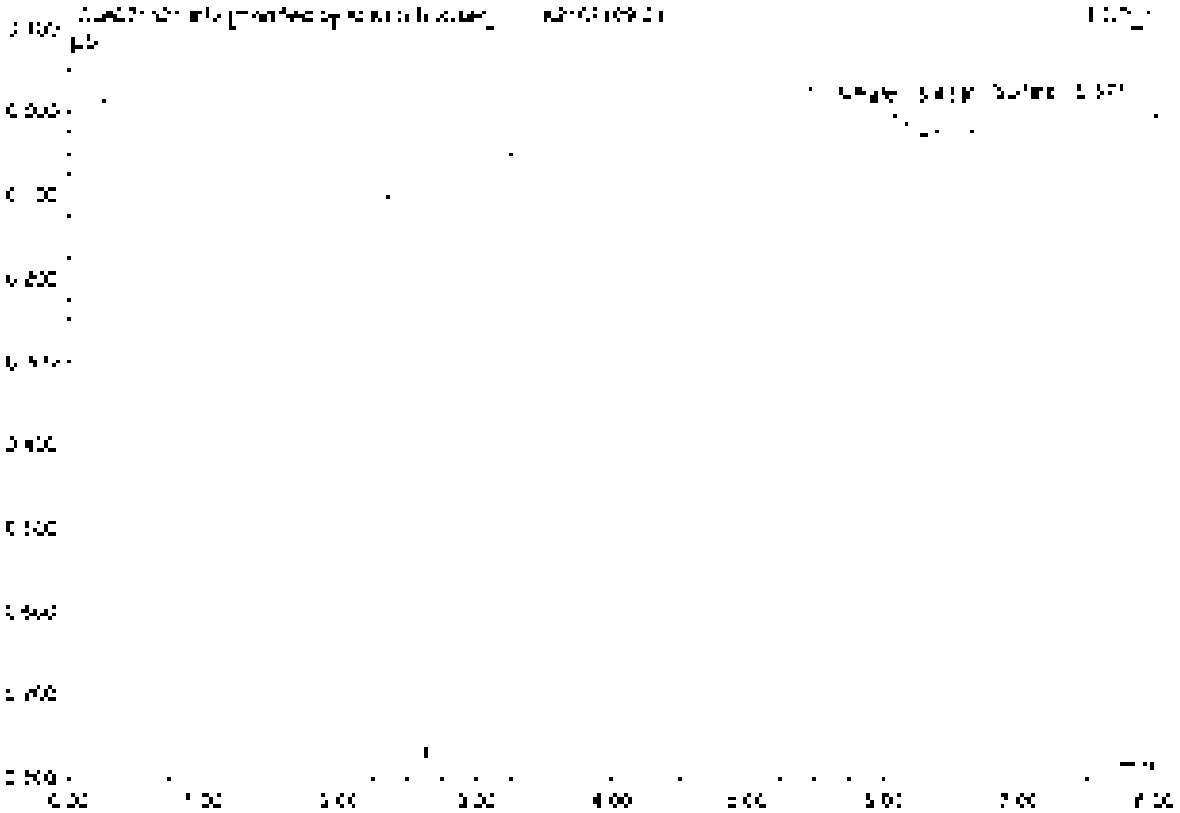
Sample Name	K2107417-035	Injection Volume	10.0
Vial Number	19	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a
Control Program	wpa300	Bandwidth	n.a
Quantif. Method	wpa300	Dilution Factor	300.0000
Recording Time	1/15/2021 17:45	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.77	Chloride	0.218	0.032	5.02	37.012	BV3
2	6.02	n.a	0.022	0.006	0.85	n.a	BV3
3	5.85	Sulfate	2.093	0.599	94.00	693.231	BV3
Total			2.323	0.637	100.00	730.244	

32 K2107109-011

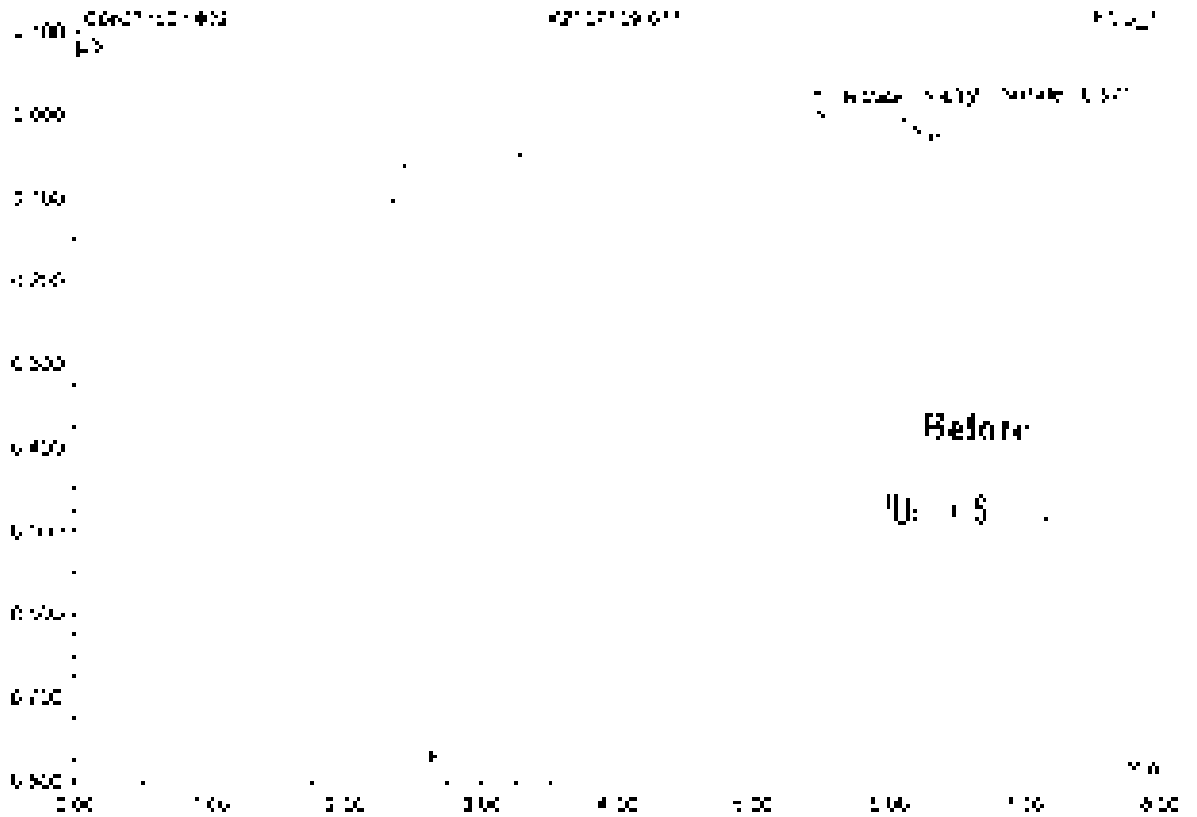
Sample Name	K2107109-011	Injection Volume	10.0
Vial Number	20	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Processing Time	7/15/2021 10:01	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.43	Nitrate	0.212	[illegible]	99.63	6.011	BMB*
2	6.57	Sulfate	0.035	0.005	0.37	0.075	bMB*
Total:			0.247	[illegible]	100.00	6.086	

32 K2107109-011

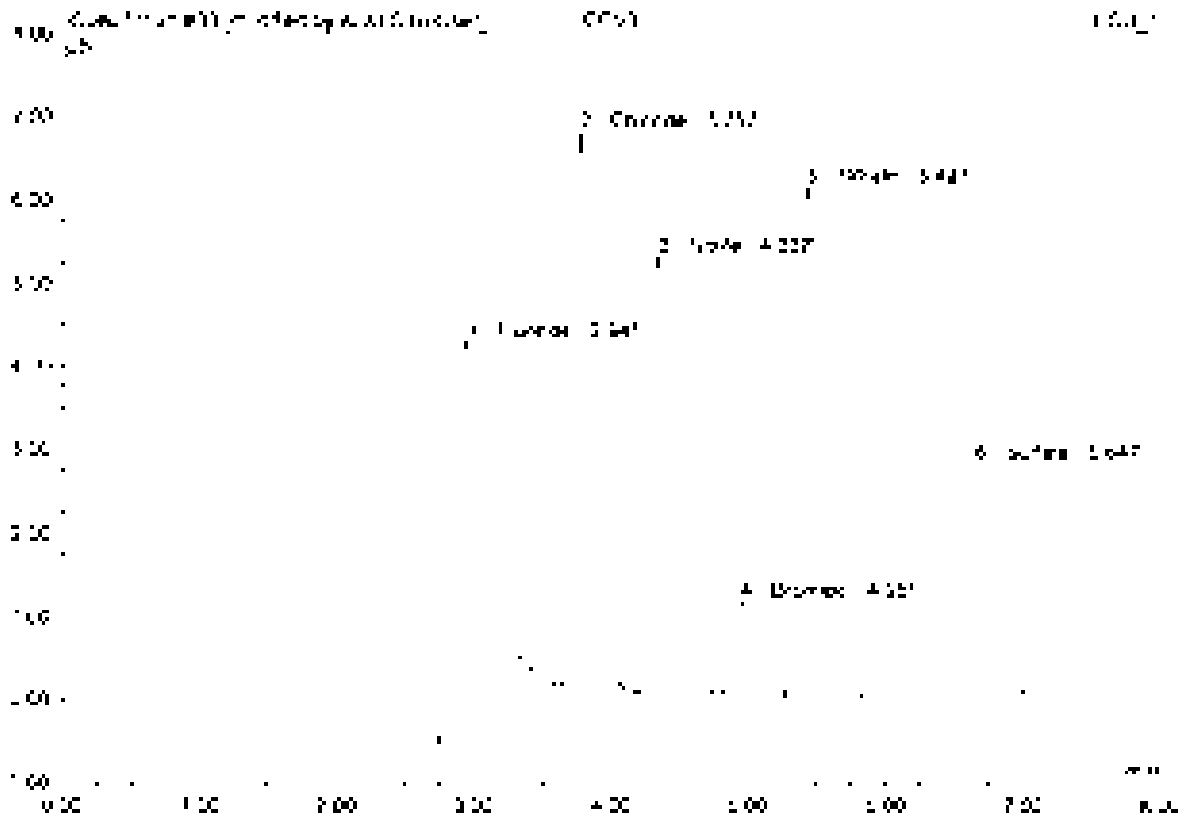
Sample Name	K2107109-011	Injection Volume	25.0
Vial Number	20	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Column Method	epa300	Dilution Factor	2.0000
Processing Time	7/15/2021 10:01	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.43	Nitrate	0.212	1.264	99.45	5.611	BMB
2	5.57	Sulfate	0.045	0.007	0.55	0.114	BMB
Total:			0.257	1.271	100.00	5.725	

33 CCV3

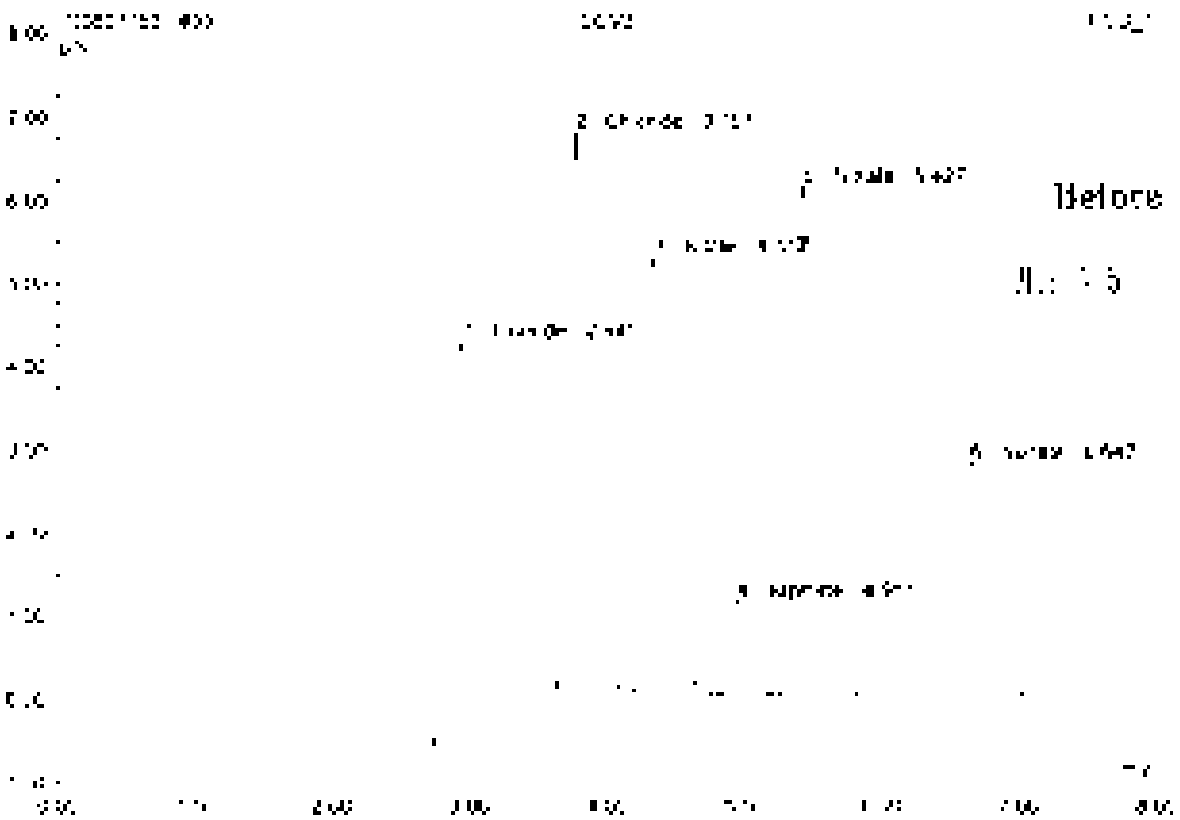
Sample Name	CCV3	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	7/13/2021 10:11	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.94	Fluoride	4.664	1.152	25.67	4.589	BV07
2	3.77	Chloride	6.647	0.783	17.44	4.522	BV07
3	4.34	Nitrite	5.241	0.832	18.54	2.332	BV8
4	4.95	Bromide	[illegible]	0.150	3.37	2.258	BV8
5	5.43	Nitrate	[illegible]	0.980	21.97	2.344	BV8
6	6.65	Sulfate	2.813	0.575	12.82	4.575	BV8
Total			26.593	4.480	100.00	20.727	

33 CCV3

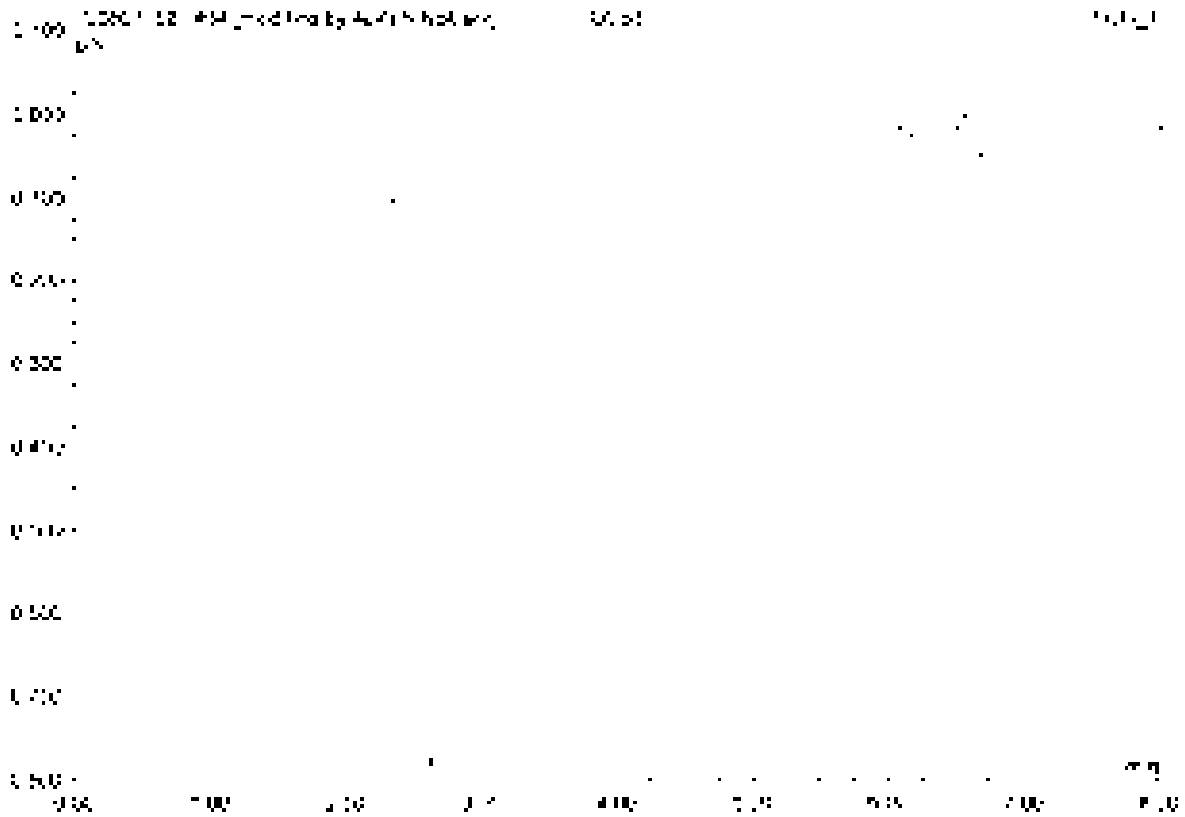
Sample Name	CCV3	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/15/2021 13:11	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	4.675	1.130	25.12	4.655	BVB
2	[illegible]	Chloride	6.647	[illegible]	[illegible]	4.522	BVB
3	4.34	Nitrite	5.241	0.532	18.42	2.309	BMB
4	4.95	Bromide	[illegible]	0.160	3.55	2.258	BMB
5	5.42	Nitrate	[illegible]	0.935	21.83	2.344	BMB
6	6.65	Sulfate	[illegible]	0.576	12.71	4.675	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

34 CCB3

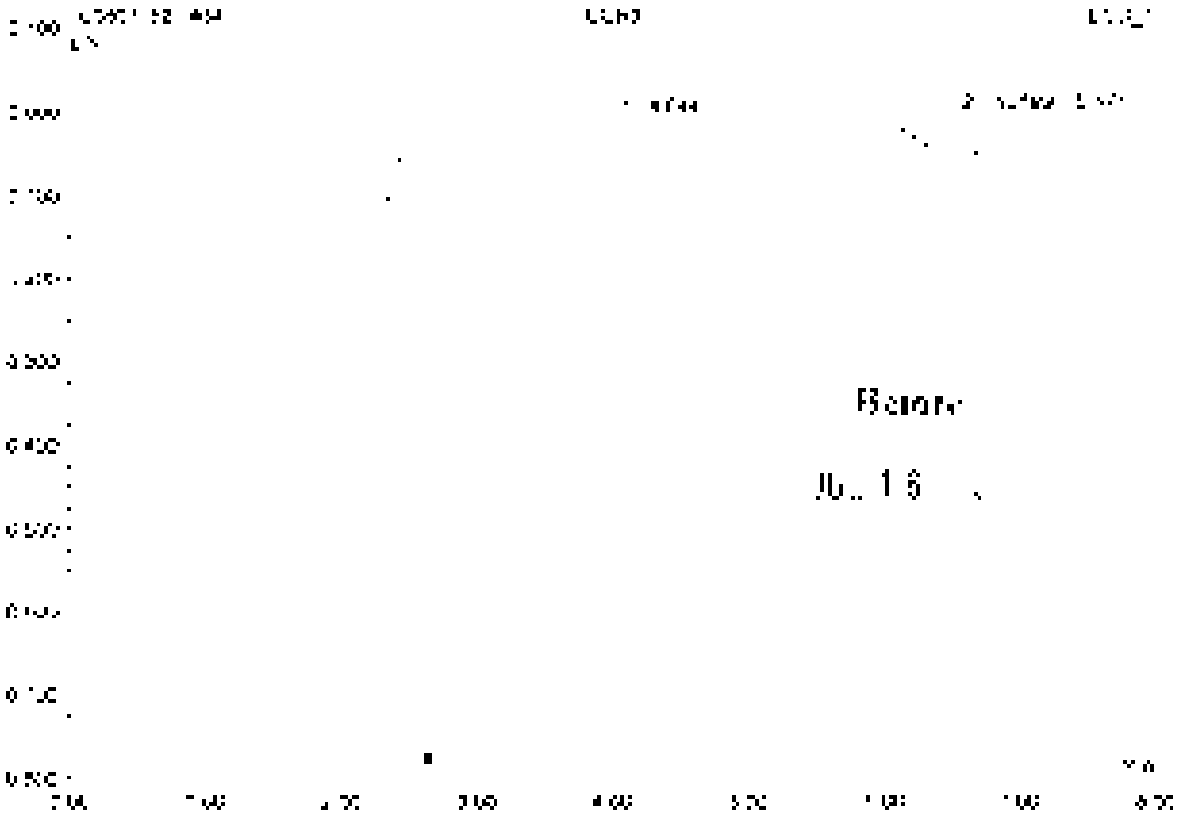
Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	7/15/2021 18:21	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

34 CCB3

Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/15/2021 18:21	Sample Weight	1.0000
Run Time (min.)	8.00	Sample Amount	1.0000

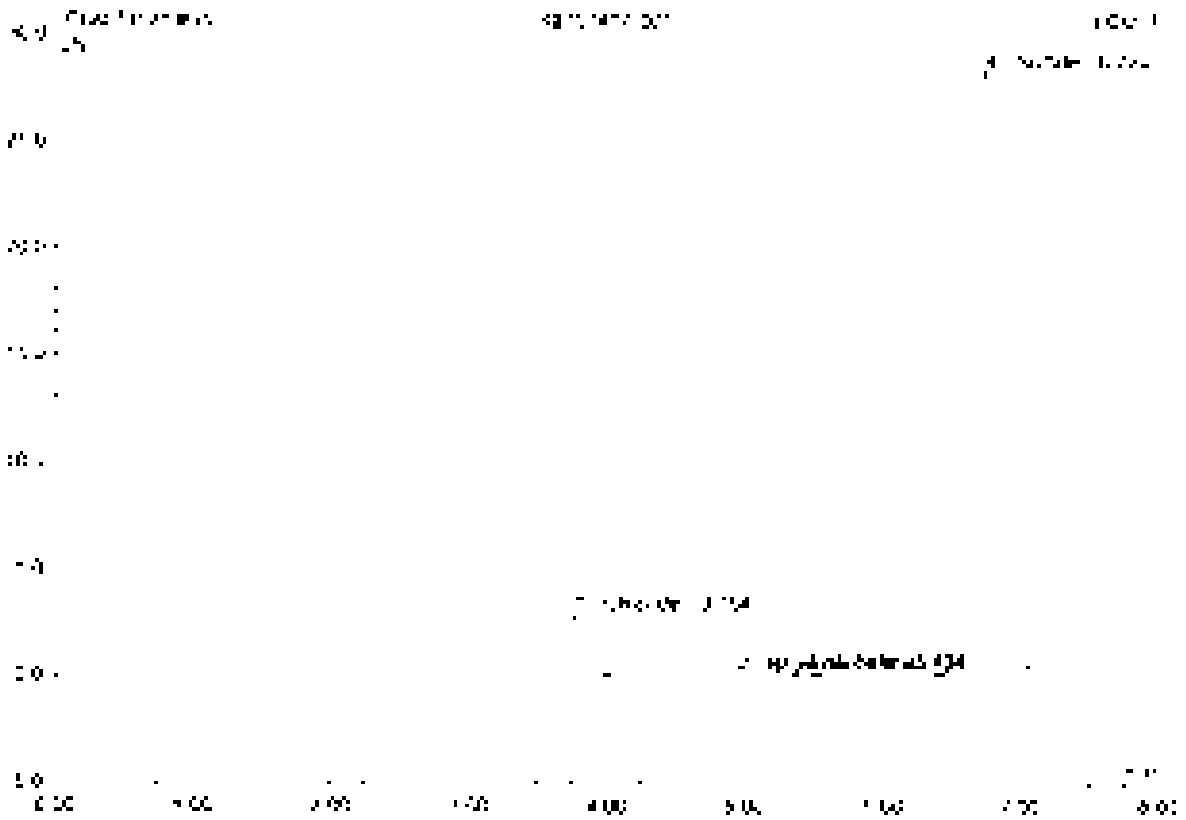


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	n.a.	0.450	1.202	99.43	n.a.	BMB
2	6.17	Surrogate	0.040	0.007	0.57	0.060	pVB
Total:			0.495	1.209	100.00	0.060	

35 K2107417-001

CL

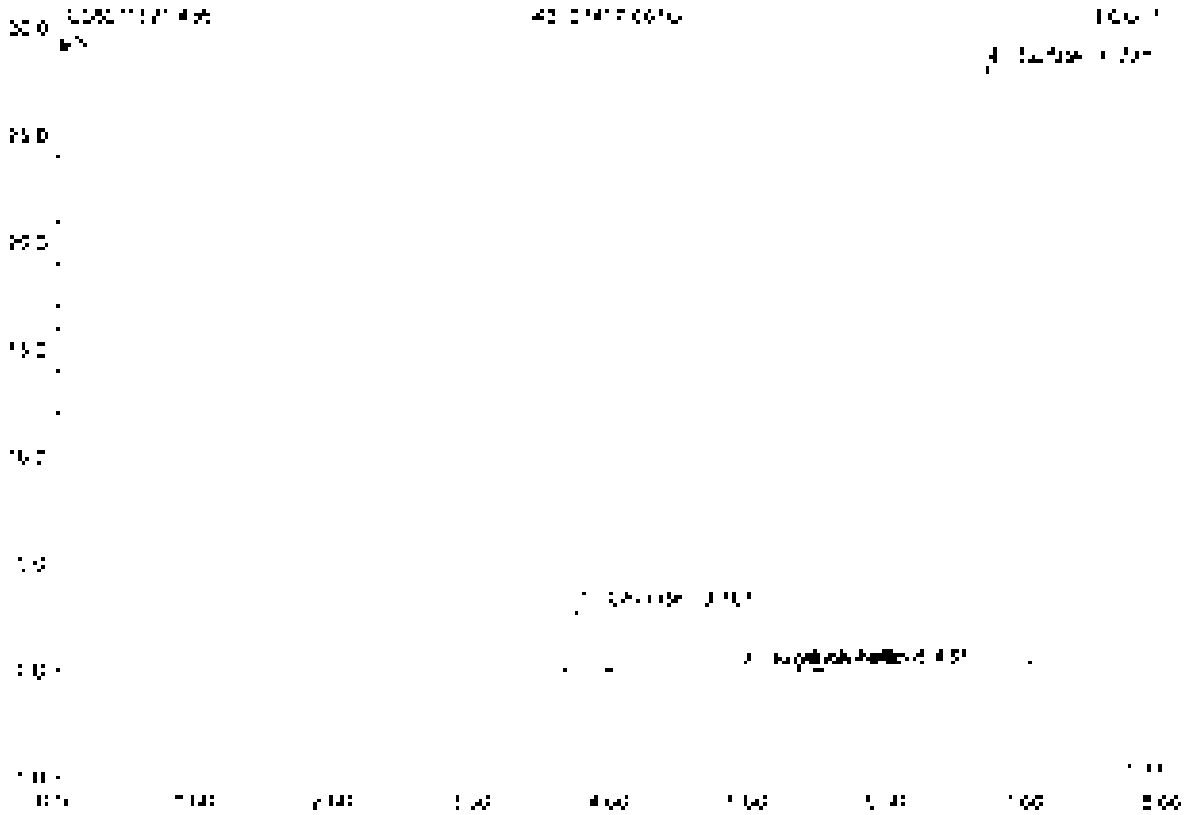
Sample Name	K2107417-001	Injection Volume	25.0
Vial Number	21	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Calibrat. Factor	1.0000
Processing Time	7/15/2021 18:31	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Chloride	2.843	[illegible]	5.55	4.006	BMB
2	4.95	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	BMB
3	5.43	Nitrate	0.158	[illegible]	[illegible]	[illegible]	BVB
4	5.72	Sulfate	[illegible]	[illegible]	93.59	93.412	BVB
Total:			[illegible]	[illegible]	100.00	[illegible]	

36 K2107417-001D

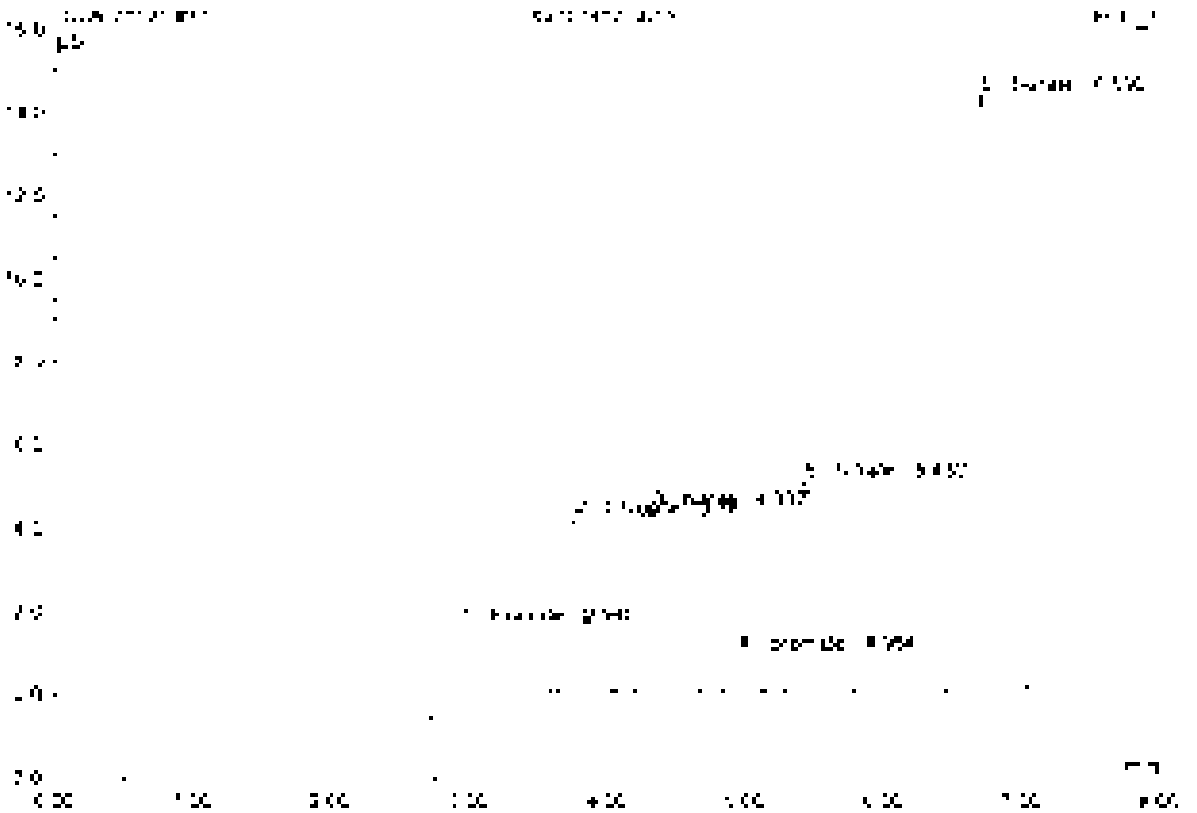
Sample Name	K2107417-001D	Injection Volume	25.0
Vial Number	22	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa500	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	2.0000
Recording Time	7/15/2021 18:41	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.77	Chloride	2.853	0.345	5.66	4.016	BMB
2	4.95	Bromide	0.036	0.006	0.09	0.148	BVB
3	5.64	Nitrate	0.157	0.026	0.43	0.124	bVB
4	6.72	Sulfate	27.926	5.767	93.83	93.556	DMB
Total			30.963	6.141	100.00	97.845	

37 K2107417-001S

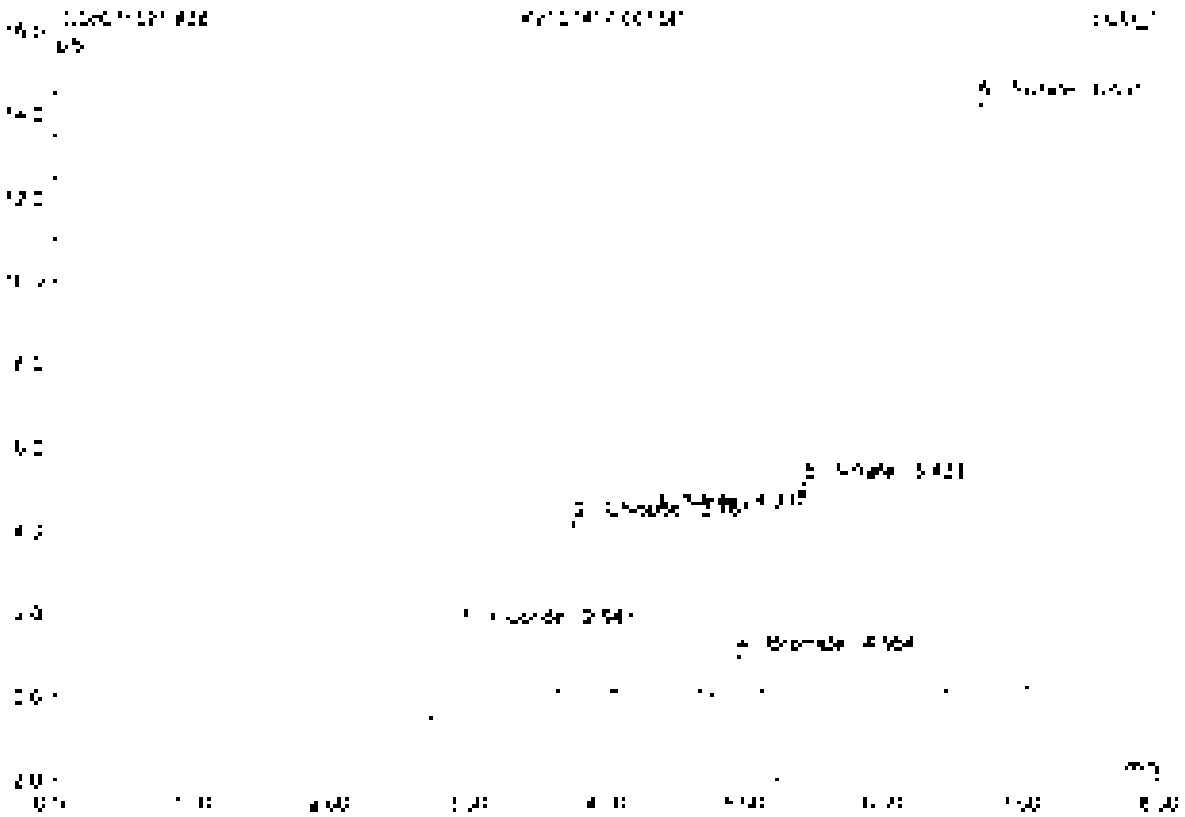
Sample Name	K2107417-001S	Injection Volume	25.0
Vial Number	23	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	4.0000
Recording Time	7/19/2021 10:30	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	2.081	0.595	10.34	9.470	BMB
2	3.77	Chloride	4.153	0.495	8.67	11.512	BMB
3	4.34	Nitrite	4.406	0.704	12.25	7.012	BVB
4	4.95	Bromide	0.553	0.139	2.41	7.813	BVB
5	5.43	Nitrate	5.115	0.839	14.59	7.970	BVB
6	6.50	Sulfate	14.289	2.920	51.73	96.545	BMB
Total			30.596	5.748	100.00	141.335	

38 K2107417-001SD

Sample Name	K2107417-001SD	Injection Volume	25.0
Vial Number	24	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa100	Suppressor	n.a.
Quantif. Method	wpa100	Dilution Factor	4.0000
Recording Time	7/15/2021 15:00	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000

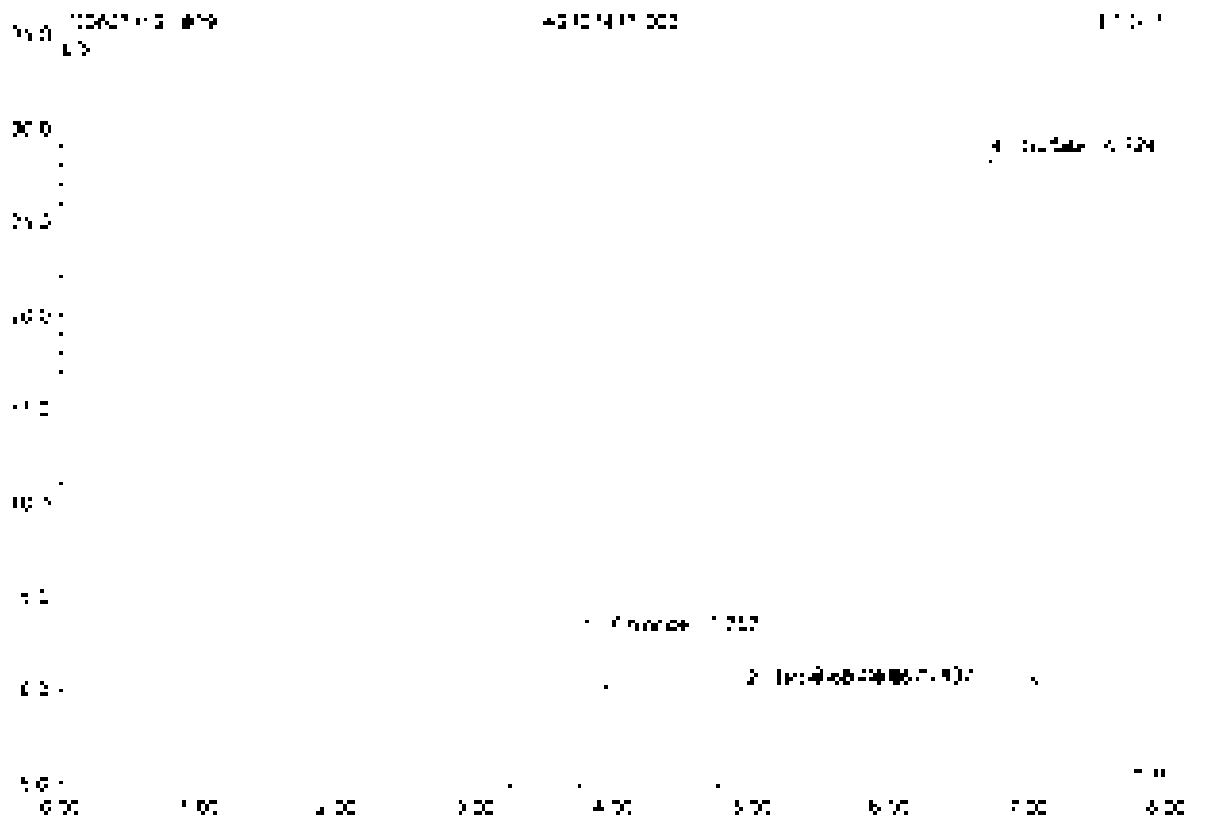


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	2.056	0.593	10.25	5.446	BMB
2	3.77	Chloride	4.153	0.559	9.71	11.534	BMB
3	4.34	Nitrite	4.095	0.705	12.30	7.921	BMB
4	4.95	Bromide	0.951	0.138	2.42	7.831	BMB
5	5.43	Nitrate	5.121	0.840	14.66	7.982	BMB
6	6.69	Sulfate	14.104	2.554	44.56	55.911	BMB
Total:			30.874	5.728	100.00	180.594	

39 K2107417-002

CL

Sample Name	K2107417-002	Injection Volume	25.0
Vial Number	35	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	7/15/2021 15:08	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000

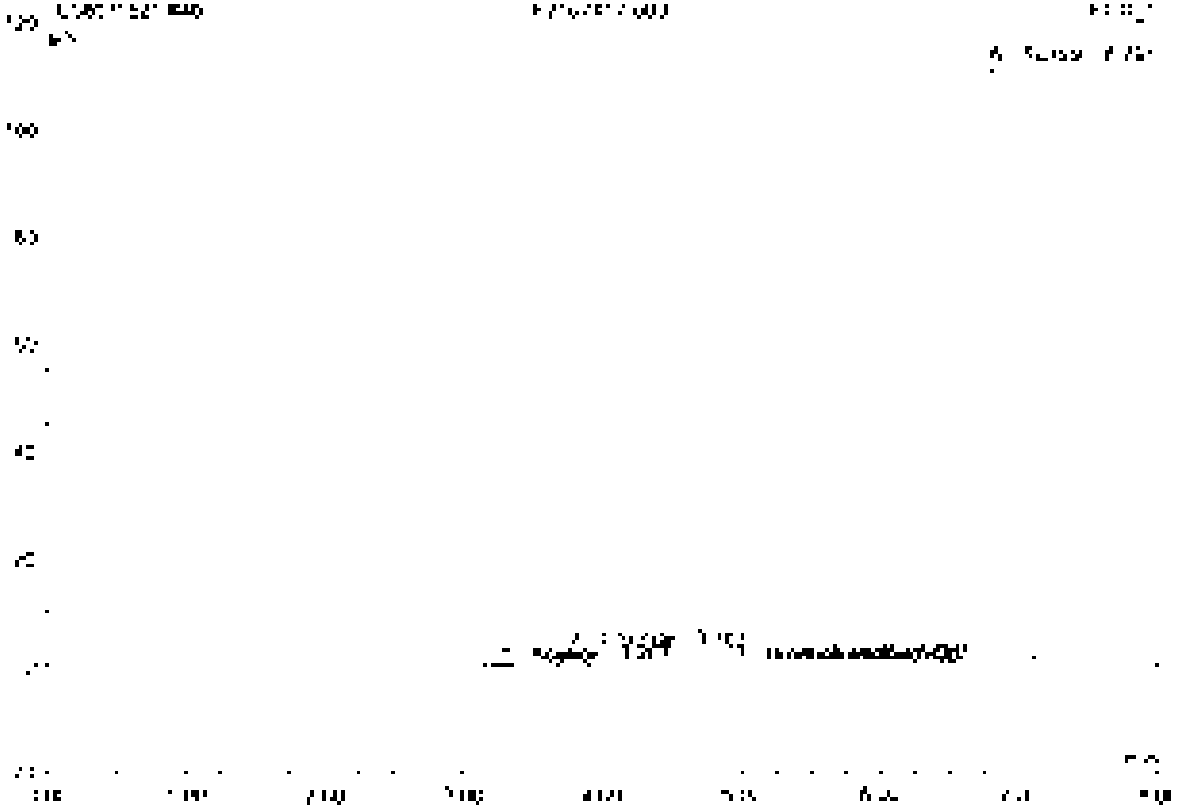


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.77	Chloride	2.285	0.353	5.66	4.075	BMB
2	4.96	Bromide	0.038	0.005	0.09	0.167	BMB
3	5.44	Nitrate	0.169	0.029	0.46	0.137	BMB
4	6.12	Sulfate	28.745	5.846	93.78	94.889	BMB
Total:			31.237	6.231	100.00	99.268	

40 K2107417-003

CL

Sample Name	K2107417-003	Injection Volume	25.0
Vial Number	26	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant. Method	wpa300	Dilution Factor	2.0000
Recording Time	7/15/2021 18:19	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000

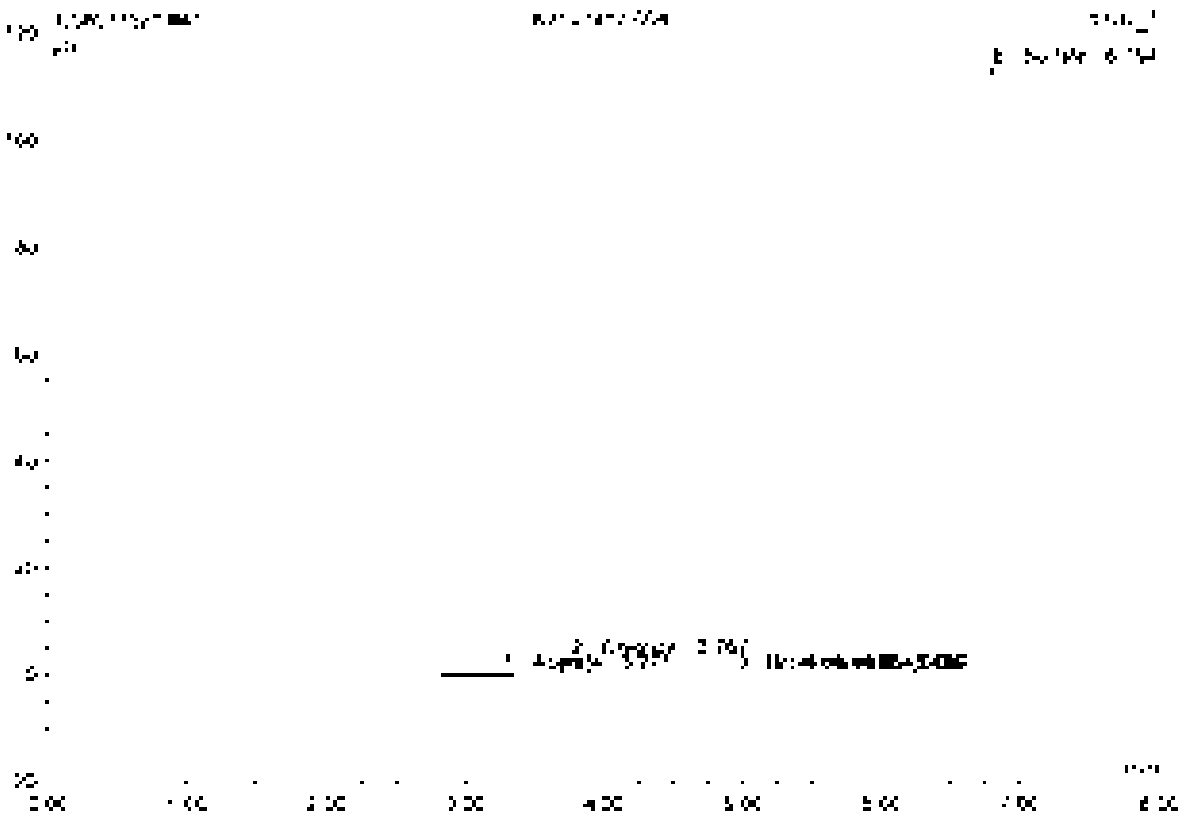


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.27	Acetate	0.311	0.211	0.57	n.a.	BMB
2	3.77	Chloride	2.857	0.348	0.93	4.070	BMB
3	4.95	Bromide	0.037	0.005	0.01	0.165	BMB
4	5.43	Nitrate	0.125	0.030	0.05	0.047	BMB
5	6.06	n.a.	0.037	0.005	0.02	n.a.	BMB
6	6.79	Sulfate	110.840	36.658	98.41	595.155	BMB
Totals:			114.230	37.257	100.00	599.464	

41 K2107417-004

CL

Sample Name	K2107417-004	Injection Volume	20.0
Vial Number	27	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/13/2021 11:28	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000

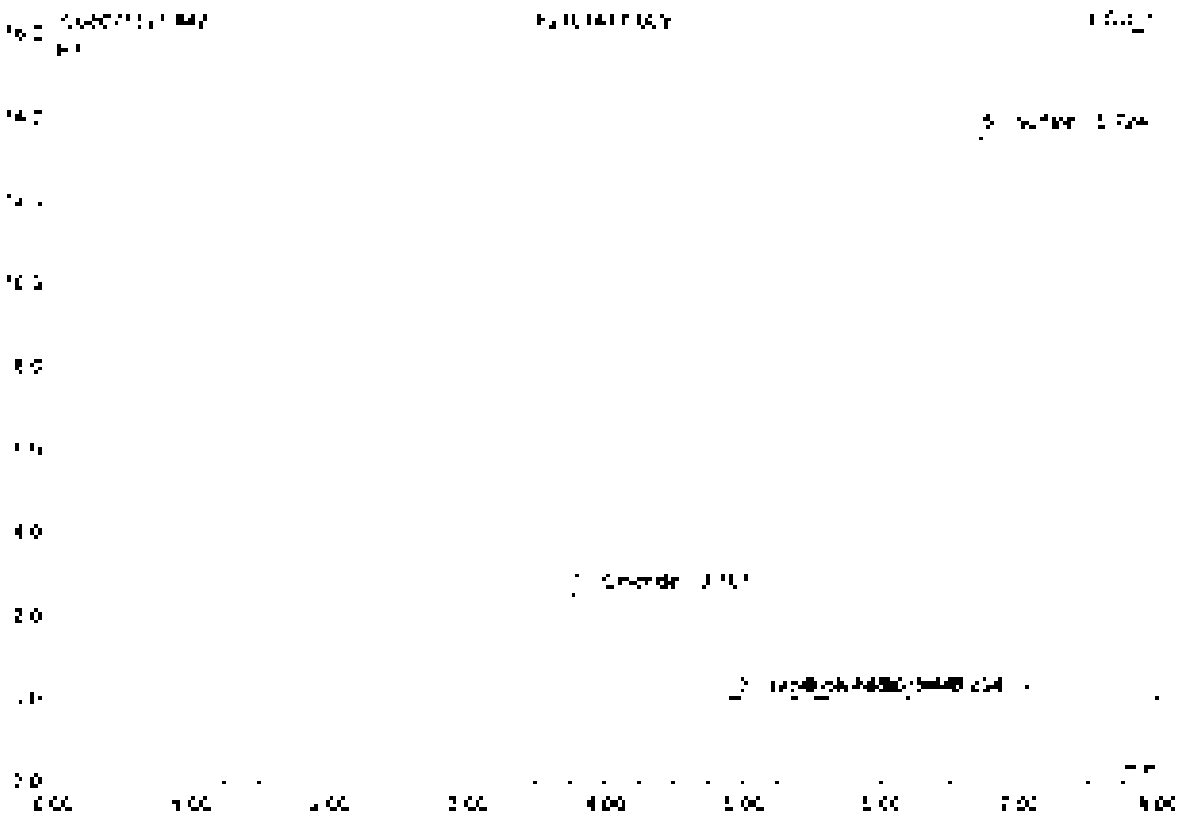


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.27	Acetate	0.013	0.213	0.57	n.a.	BMB
2	3.77	Chloride	2.837	0.348	0.92	4.015	BMB
3	4.95	Bromide	0.039	0.005	0.02	0.177	BV B
4	5.40	Nitrate	0.124	0.020	0.05	0.096	BV B
5	6.06	n.a.	0.059	0.009	0.02	n.a.	BV B
6	6.79	Sulfate	112.292	37.082	98.42	602.080	BV B
Total			115.374	37.679	100.00	606.367	

42 K2107417-009

CL

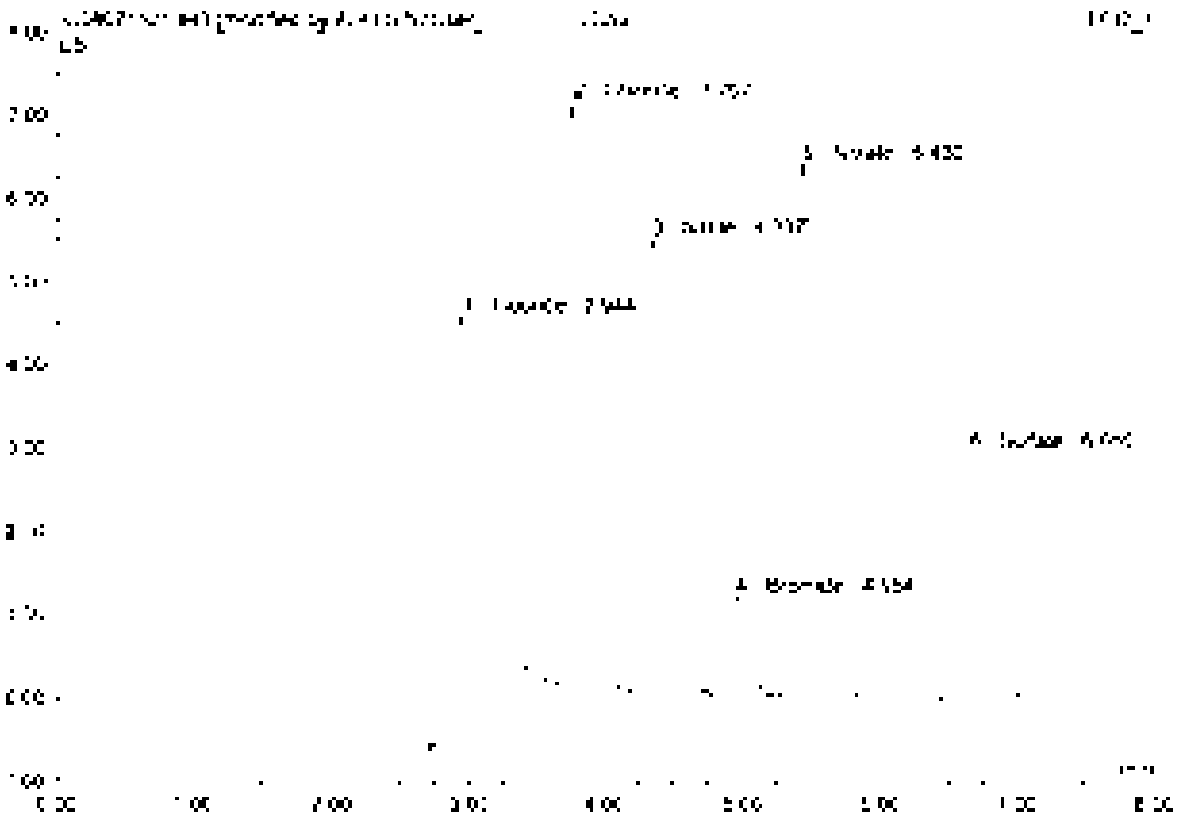
Sample Name	K2107417-009	Injection Volume	25.0
Vial Number	38	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	2.0000
Processing Time	7/16/2021 18:38	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Chloride	2.552	0.316	10.55	3.555	BMB
2	4.96	Bromide	0.040	0.006	0.21	0.178	BMB
3	5.44	Nitrate	0.031	0.022	0.75	0.106	bV3
4	6.29	n.a.	0.047	0.012	0.39	n.a.	bVb
5	[illegible]	Sulfate	[illegible]	2.647	88.10	42.880	bV3
Total:			[illegible]	2.998	100.00	46.82[illegible]	

43 LCS2

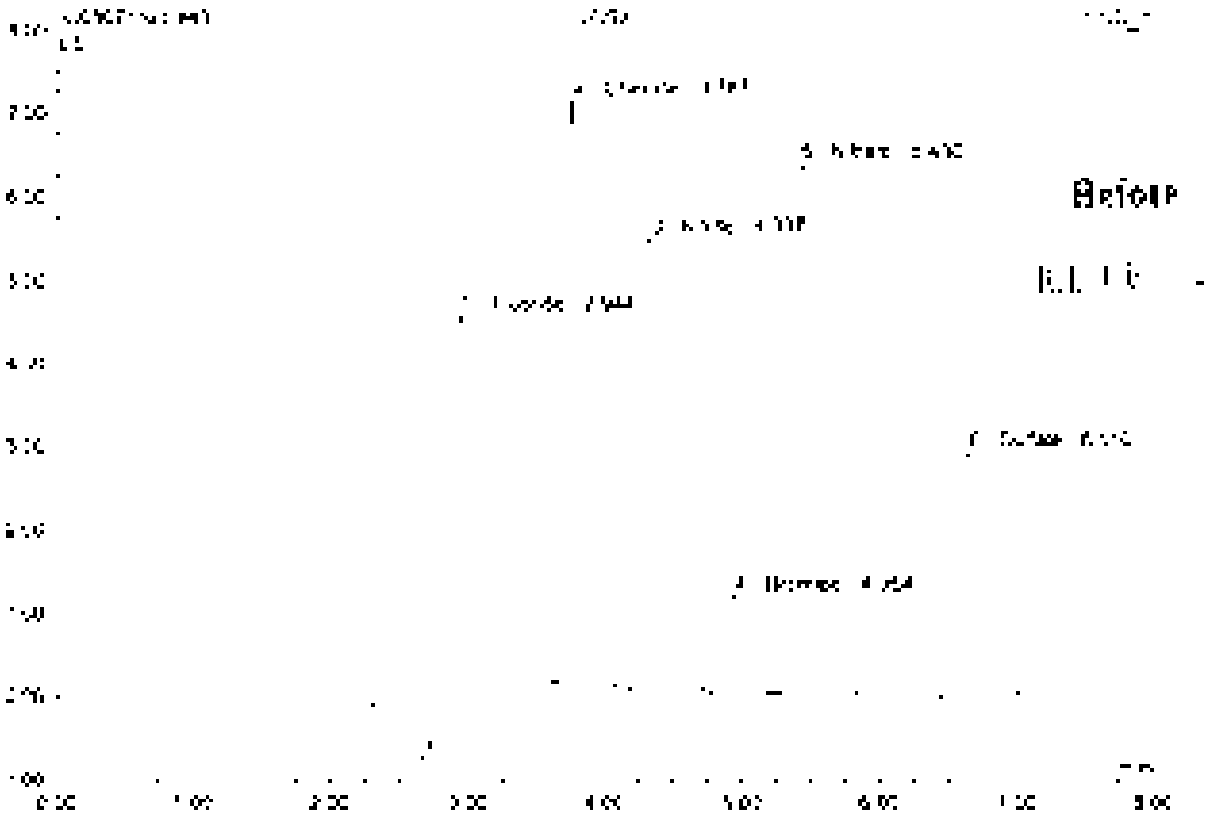
Sample Name	LCS2	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Processing Time	7/15/2021 19:48	Sample Weight	1.0000
Run Time (min)	6.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.54	Fluoride	4.075	[illegible]	25.64	4.835	BMB*
2	3.77	Chloride	7.012	0.832	17.00	4.836	BMB*
3	4.36	Nitrite	5.453	0.872	18.45	2.452	BVB
4	4.95	Bromide	[illegible]	0.159	3.50	2.365	BVB
5	5.43	Nitrate	6.354	[illegible]	21.89	2.460	BVB
6	6.05	Sulfate	2.351	0.507	12.84	4.930	BMB
Total			27.350	4.729	100.00	21.863	

43 LCS2

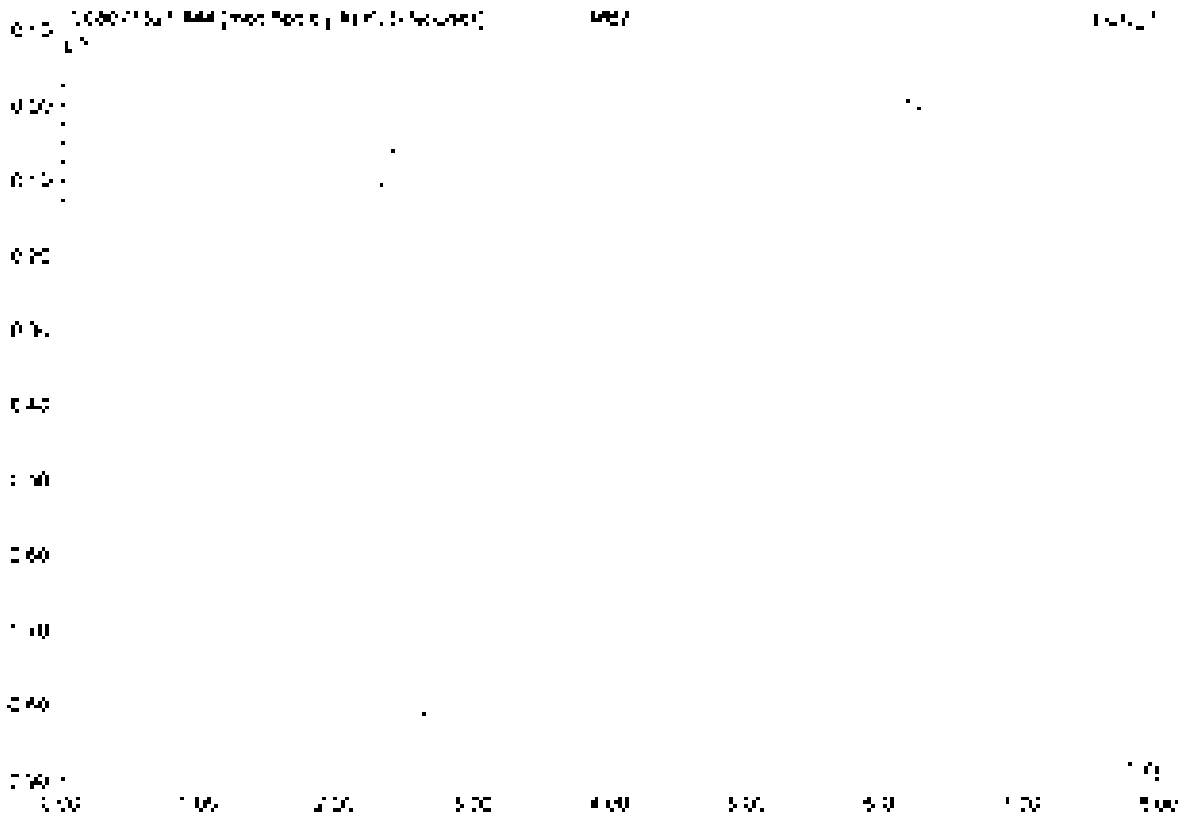
Sample Name	LCS2	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	7/15/2021 10:49	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	5.900	1.257	26.34	5.905	BMB
2	3.77	Chloride	7.012	0.832	17.43	4.536	BMB
3	4.34	Nitrite	5.462	0.872	18.28	2.452	BMB
4	4.85	Bromide	1.172	0.165	3.55	2.383	BMB
5	5.43	Nitrate	6.384	1.035	21.68	2.400	BMB
6	6.55	Sulfate	2.957	0.607	12.72	4.910	BMB
Total:			27.882	4.772	100.00	22.586	

44 MB2

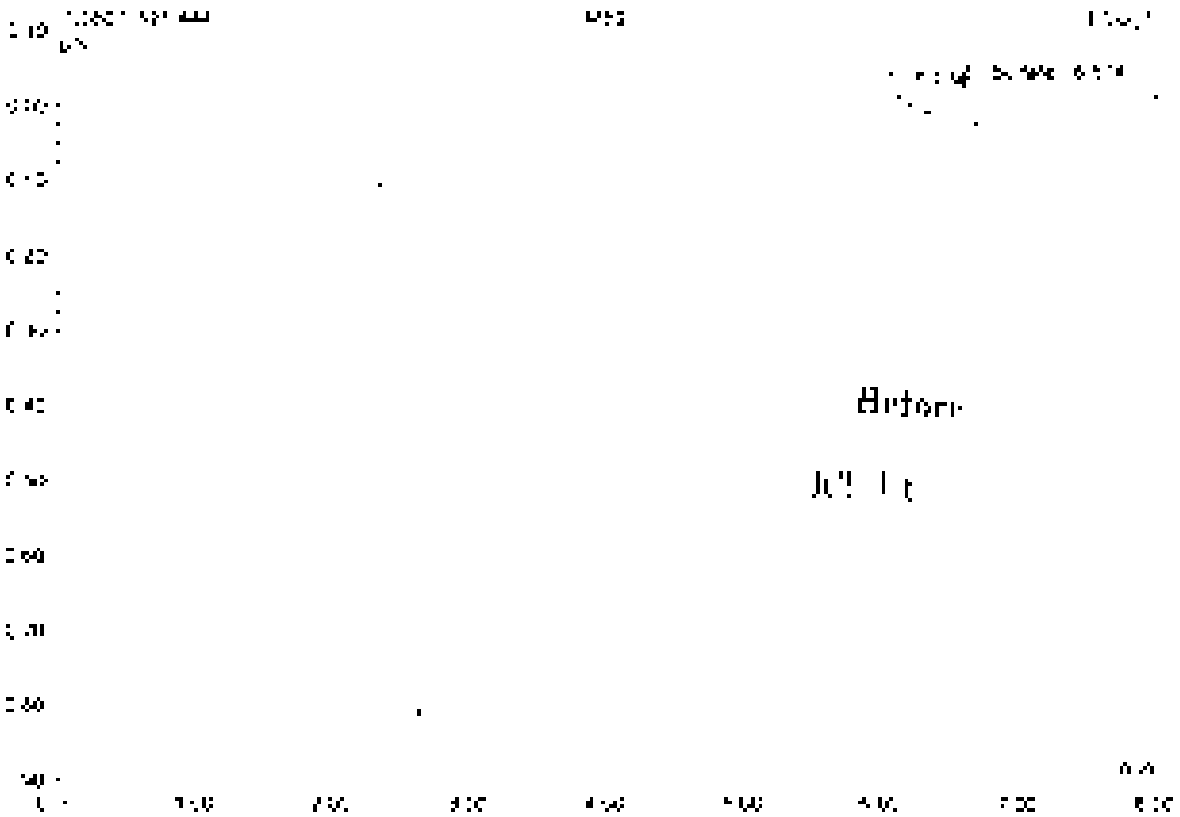
Sample Name	MB2	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Current Method	epa300	Dilution Factor	1.0000
Recording Time	7/15/2021 19:58	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total			0.000	0.000	0.00	0.000	

44 M82

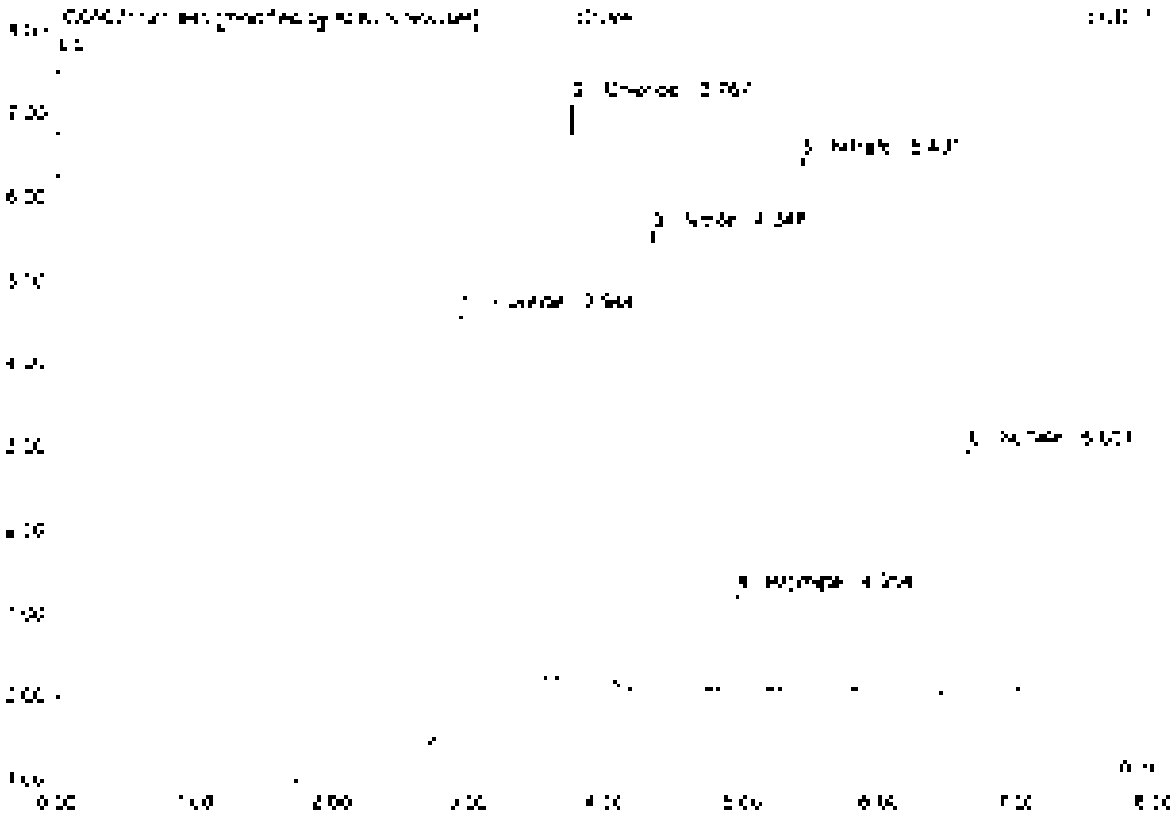
Sample Name	M82	Injection Volume	[illegible]
Vial Number	1	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Control Method	spa300	Dilution Factor	1.0000
Recording Time	[illegible]/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
2	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

45 CCV4

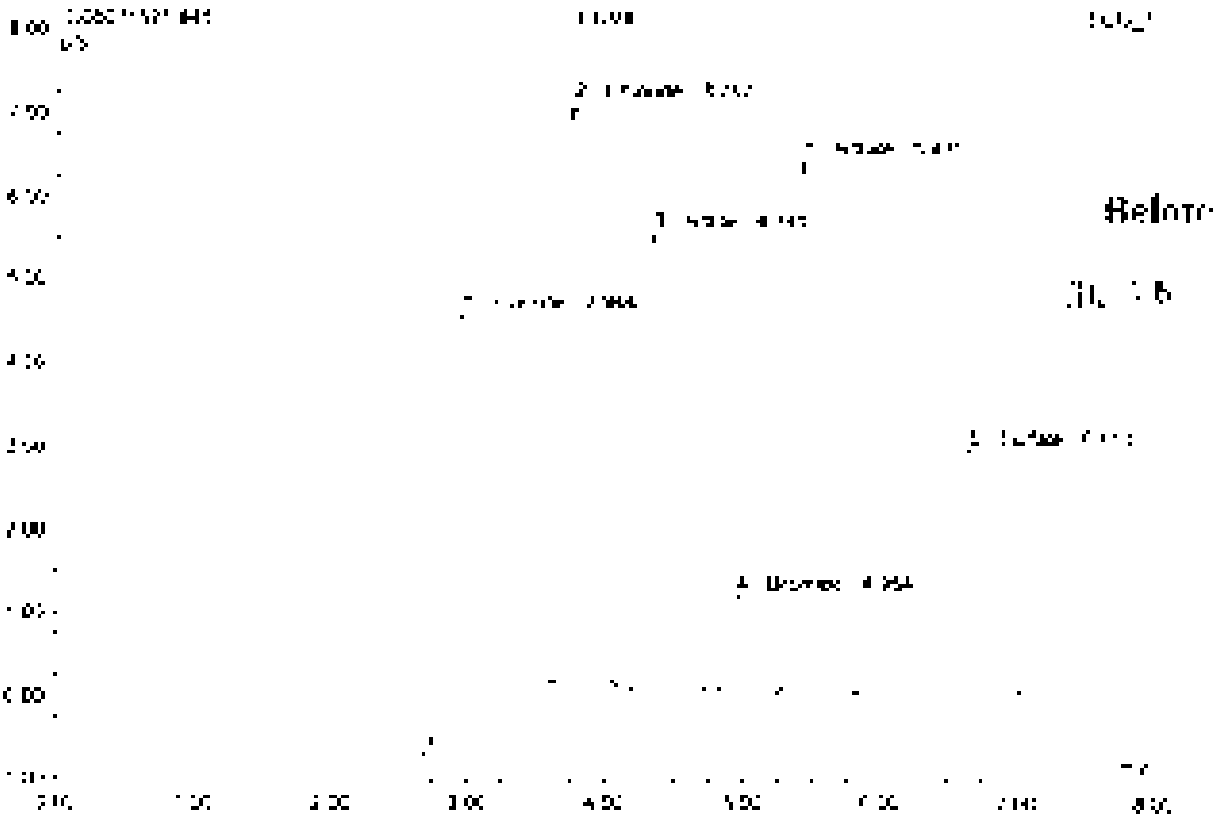
Sample Name	CCV4	Injection Volume	25.0
Vial Number	48	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	1.0000
Recording Time	7/14/2021 20:07	Sample Weight	1.0000
Run Time [illegible]	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.94	Fluoride	4.981	1.224	25.83	4.872	BMB*
2	3.77	Chloride	6.958	0.822	17.35	4.745	BMB*
3	4.04	Nitrite	5.503	0.875	18.49	2.452	BMB
4	4.95	Bromide	[illegible]	0.169	3.57	2.357	BMB
5	5.43	Nitrate	6.435	[illegible].039	21.91	2.468	BMB
6	6.65	Sulfate	7.950	0.609	12.84	4.937	BMB
Total			27.968	4.735	100.00	21.835	

45 CCV4

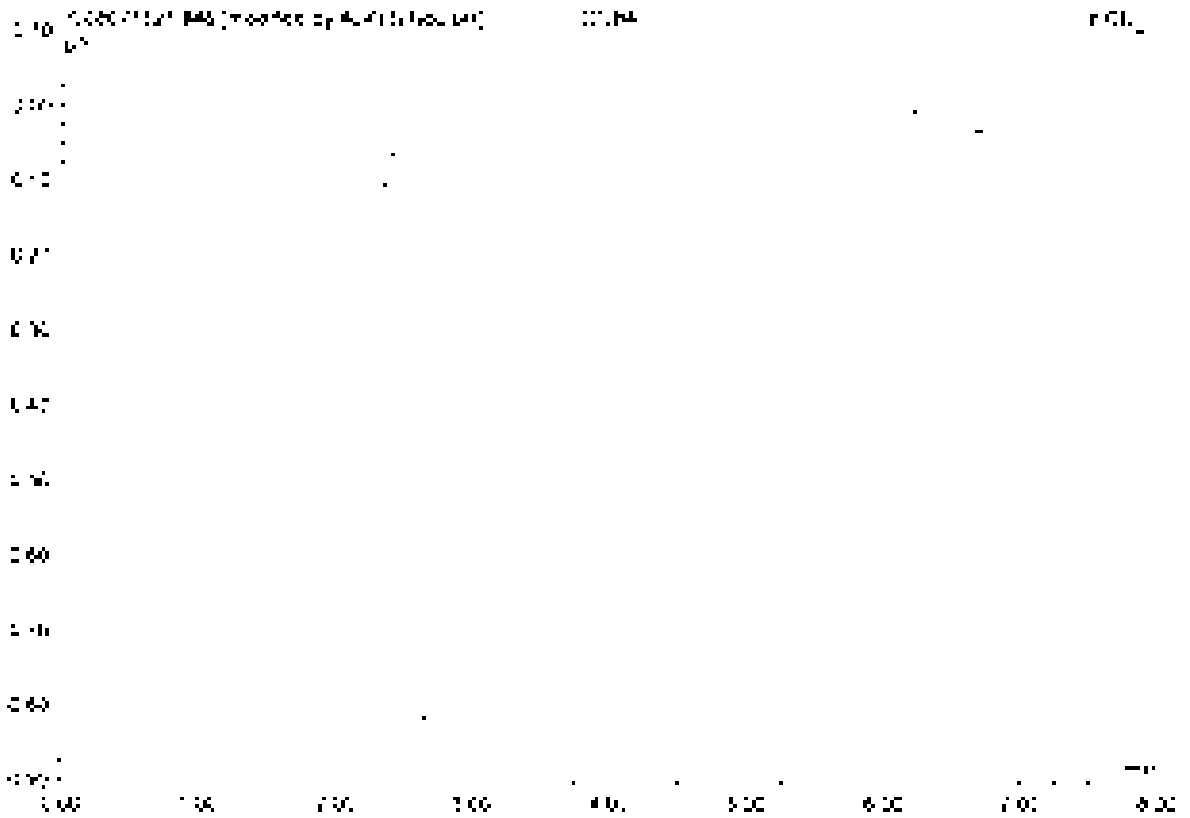
Sample Name	CCV4	Injection Volume	15.0
Vial Number	45	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	Fri 5/29/2020 20:07	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	5.000	1.257	26.34	1.004	BMB
2	3.77	Chloride	6.958	0.822	17.22	4.748	BMB
3	4.34	Nitrite	5.503	0.876	18.37	2.452	BMB
4	4.95	Bromide	[illegible]	0.169	3.55	2.387	BMB
5	5.43	Nitrate	6.435	1.008	21.16	2.458	BMB
6	6.65	Sulfate	2.950	0.608	12.75	4.937	BMB
Total			27.597	4.771	100.00	22.006	

46 CCB4

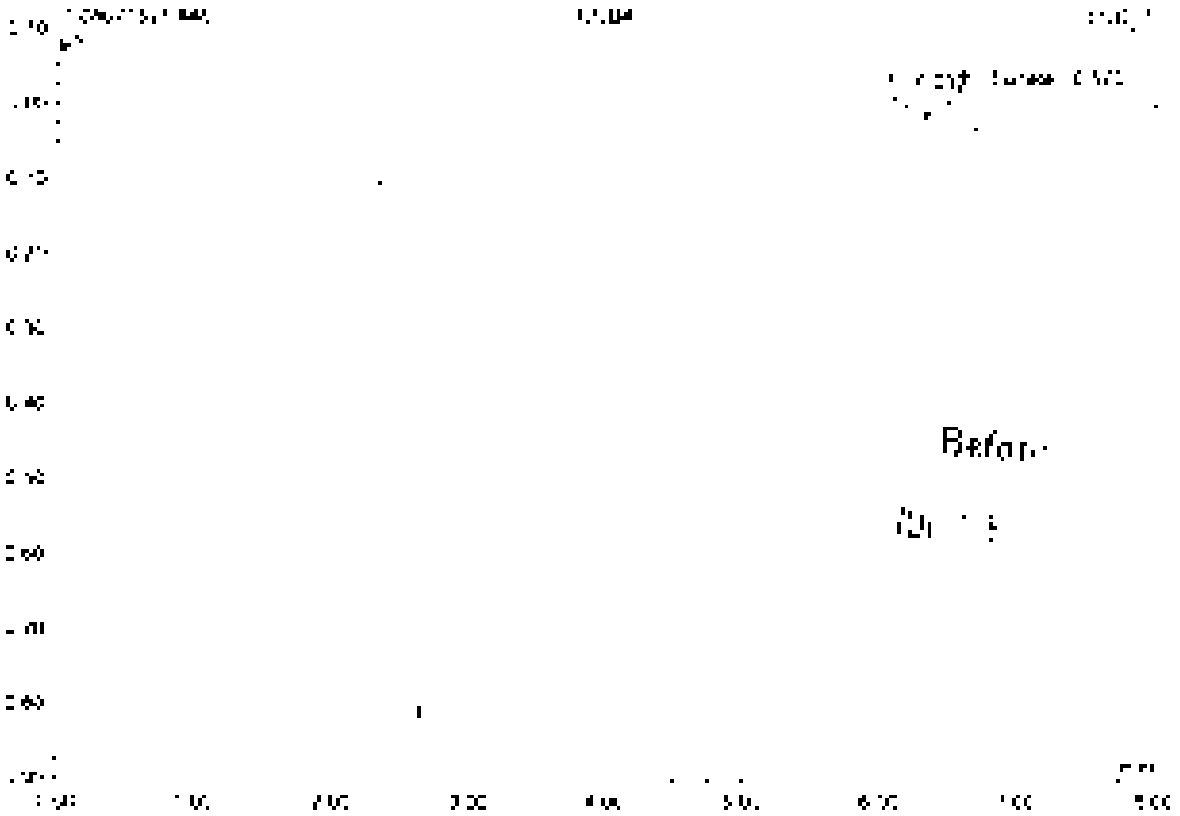
Sample Name	CCB4	Injection Volume	25.0
Vial Number	49	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/15/2021 20:17	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total			0.000	0.000	0.00	0.000	

46 CCB4

Sample Name	CCB4	Injection Volume	25.0
Vial Number	49	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Control Factor	1.0000
Recording Time	7/15/2021 20:17	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000

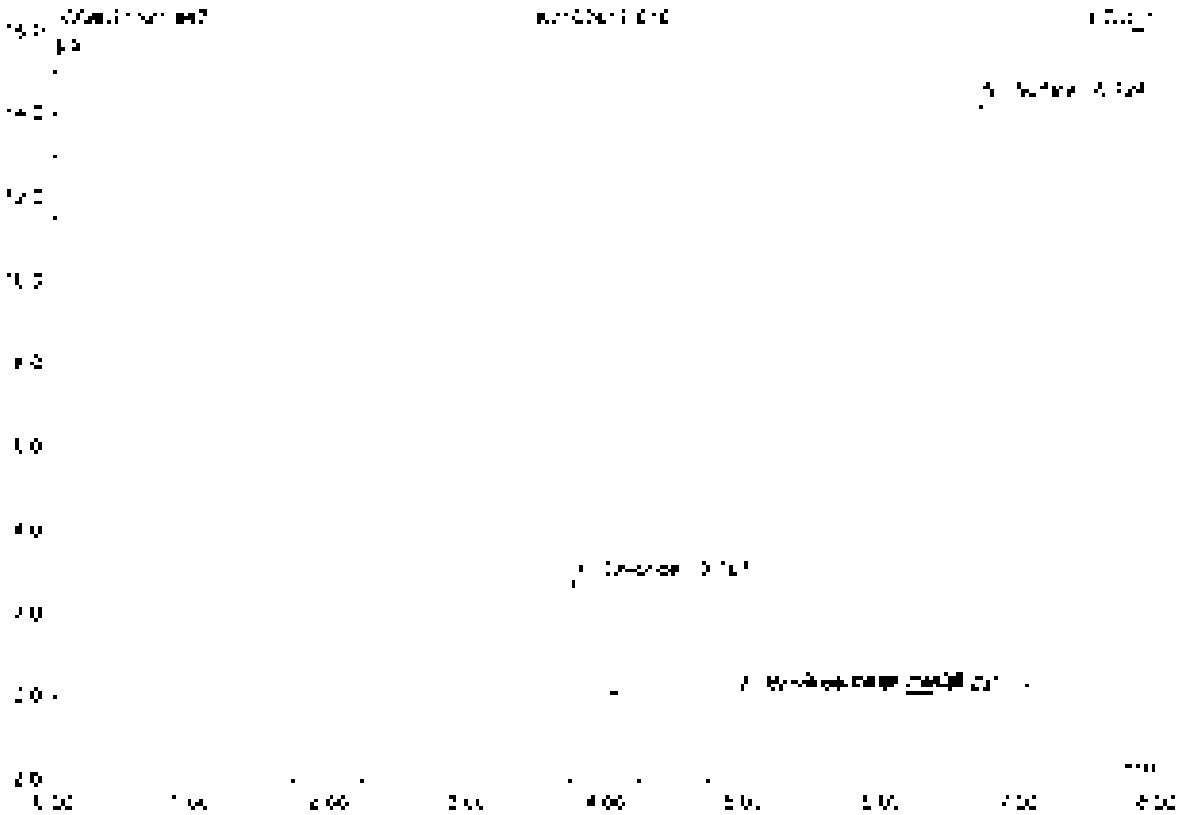


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.24	n.a.	0.096	1.365	99.42	n.a.	BMB
2	6.57	Surface	0.042	0.008	0.58	0.065	nVB
Total:			0.135	1.377	100.00	0.065	

47 K2107417-010

CL

Sample Name	K2107417-010	Injection Volume	25.0
Vial Number	29	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/15/2021 20:27	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.77	Chloride	2.762	3.339	[illegible]	3.912	BMB
2	4.96	Bromide	0.035	0.003	[illegible]	0.146	BMB
3	5.44	Nitrate	0.058	0.002	[illegible]	[illegible]	BMB
4	6.29	[illegible]	0.048	0.010	0.40	n.a.	BMB
5	6.72	Sulfate	14.149	2.768	87.93	44.545	BMB
Total:			17.052	3.148	100.00	49.116	

default integration

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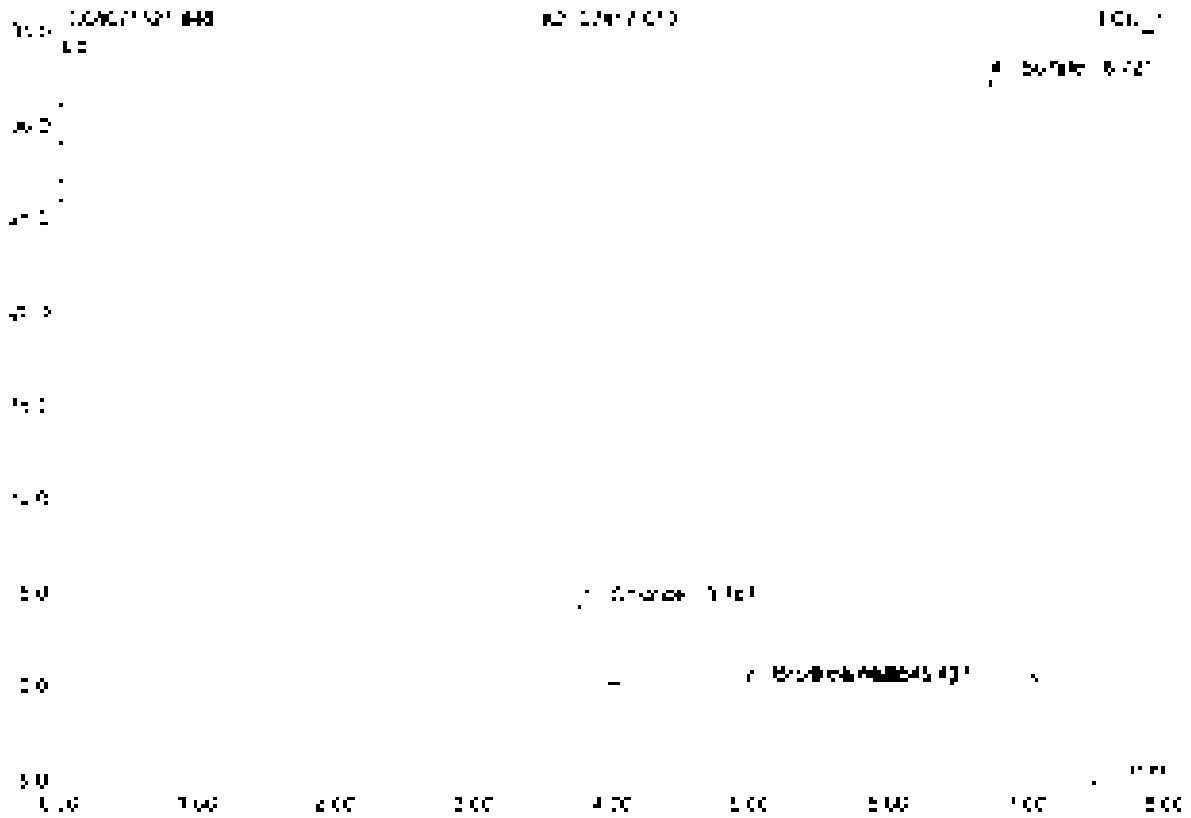
Version 6.80 SR1 build 3322 (1562751)

48 K2107417-013

CL

Sample Name	K2107417-013	Injection Volume	25.0
Vial Number	30	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Current Method	wpa300	Dilution Factor	2.0000
Recording Time	7/15/2021 20:37	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000

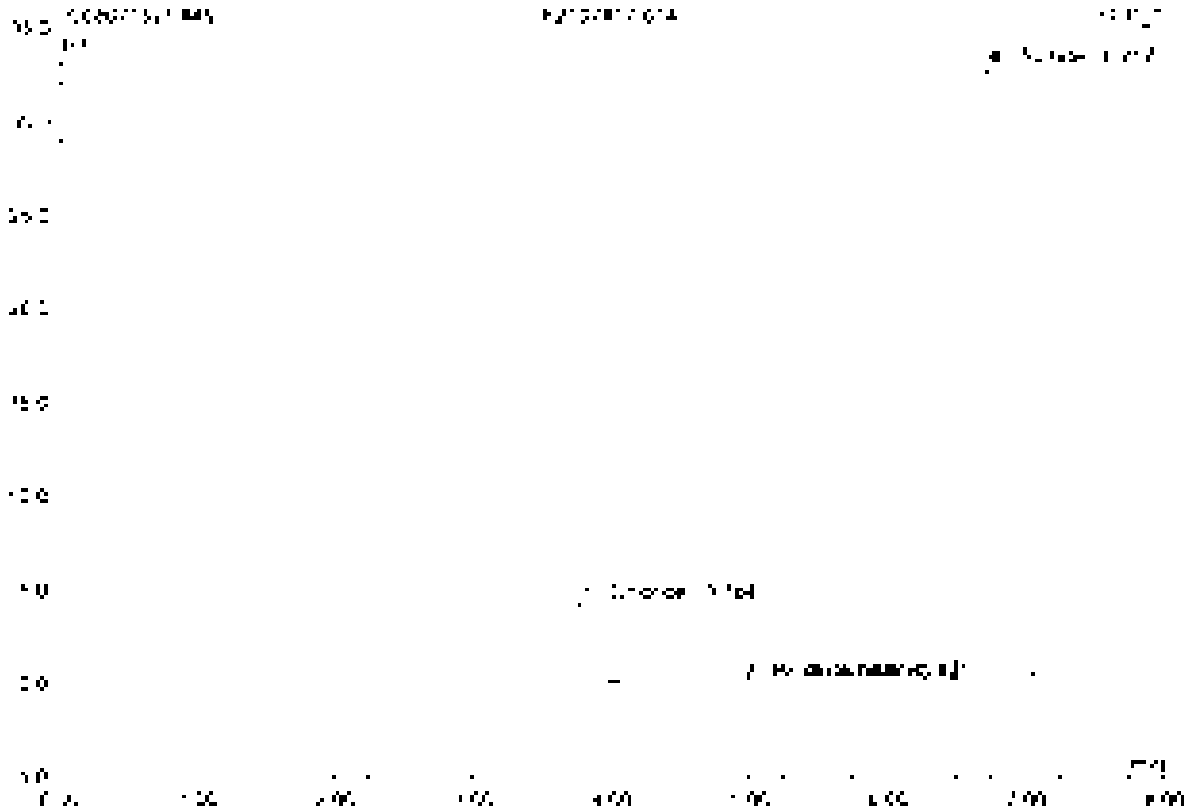


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.77	Chloride	4.275	0.518	7.01	5.983	BVB
2	4.95	Bromide	0.043	0.007	0.09	0.184	BVB
3	5.44	Nitrate	0.053	0.005	0.07	0.041	BVB
4	6.72	Sulfate	32.179	6.853	92.83	[illegible].262	BVB
Total:			36.550	7.386	100.00	[illegible]7.470	

49 K2107417-014

CL

Sample Name	K2107417-014	Injection Volume	25.0
Vial Number	31	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quant. Method	spa300	Dilution Factor	2.0000
Recording Time	7/15/2021 20:46	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000

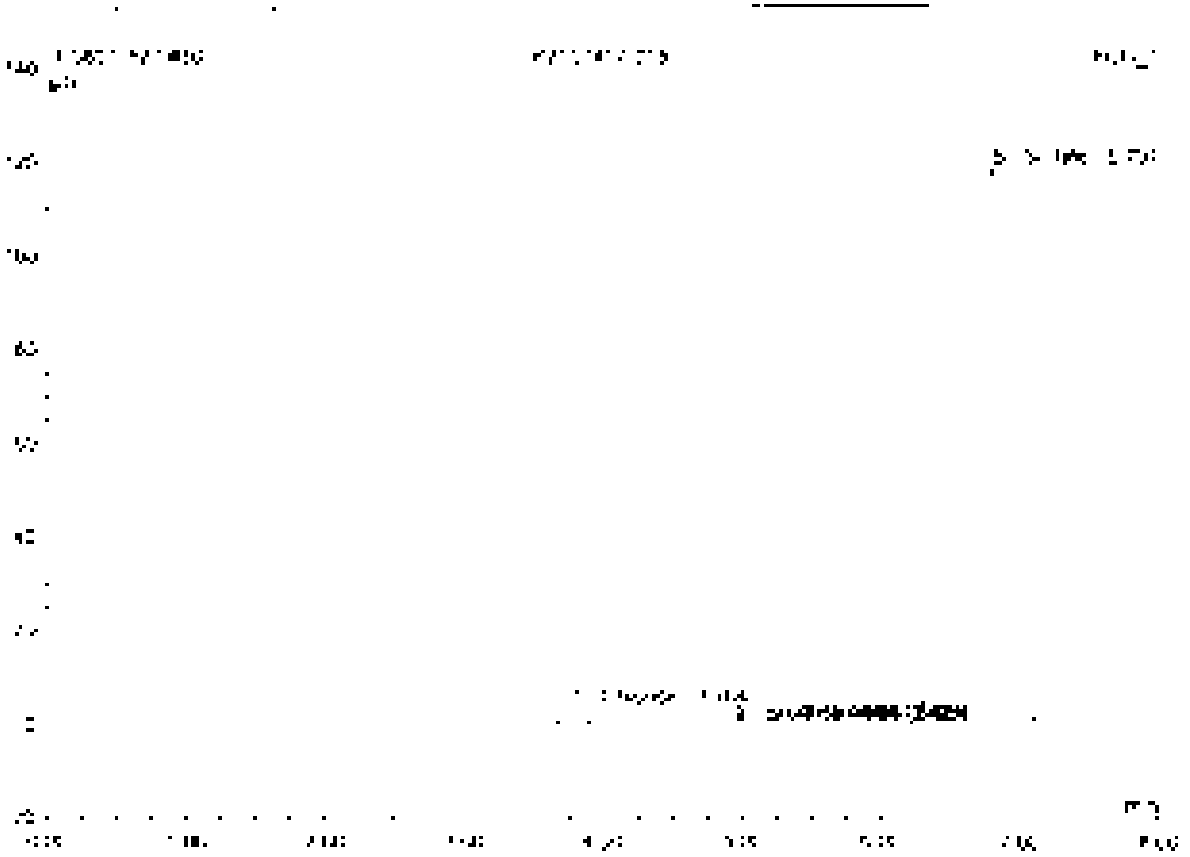


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chloride	4.236	0.515	6.89	5.944	BMB
2	4.95	Bromide	0.944	0.007	0.09	0.192	BMB
3	5.43	Nitrate	0.947	0.003	0.11	0.039	BMB
4	6.72	Sulfate	32.570	6.936	92.91	112.615	BMB
Total:			38.697	7.462	100.00	118.797	

50 KZ107417-015

CL

Sample Name	KZ107417-015	Injection Volume	25.0
Vial Number	32	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	2.0000
Recording Time	7/13/2021 20:56	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000

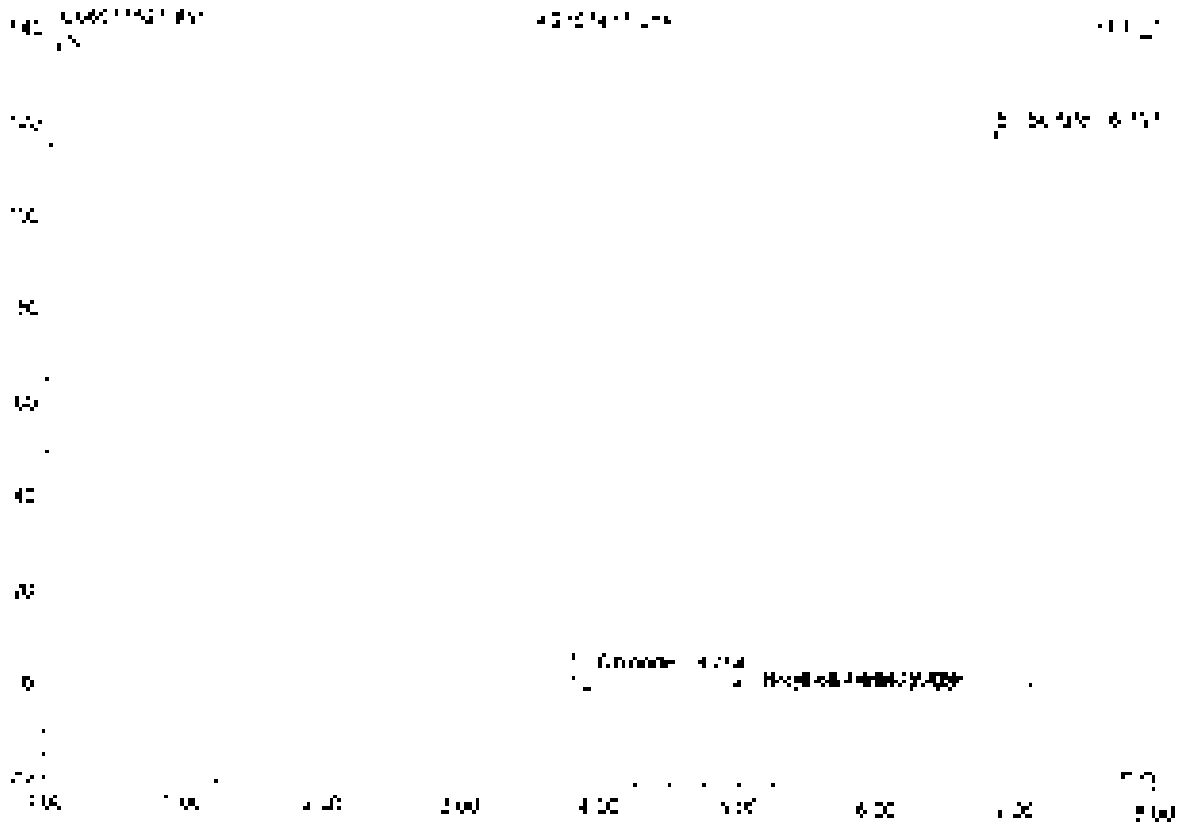


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BV8
2	4.95	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	BV8
3	5.43	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BV8
4	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BV8
5	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BV8
Total:			[illegible]	[illegible]	100.00	[illegible]	

51 K2107417-016

CL

Sample Name	K2107417-016	Injection Volume	25.0
Vial Number	33	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Guard Column	epa300	Dilution Factor	2.0000
Recording Time	7/15/2021 21:05	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000

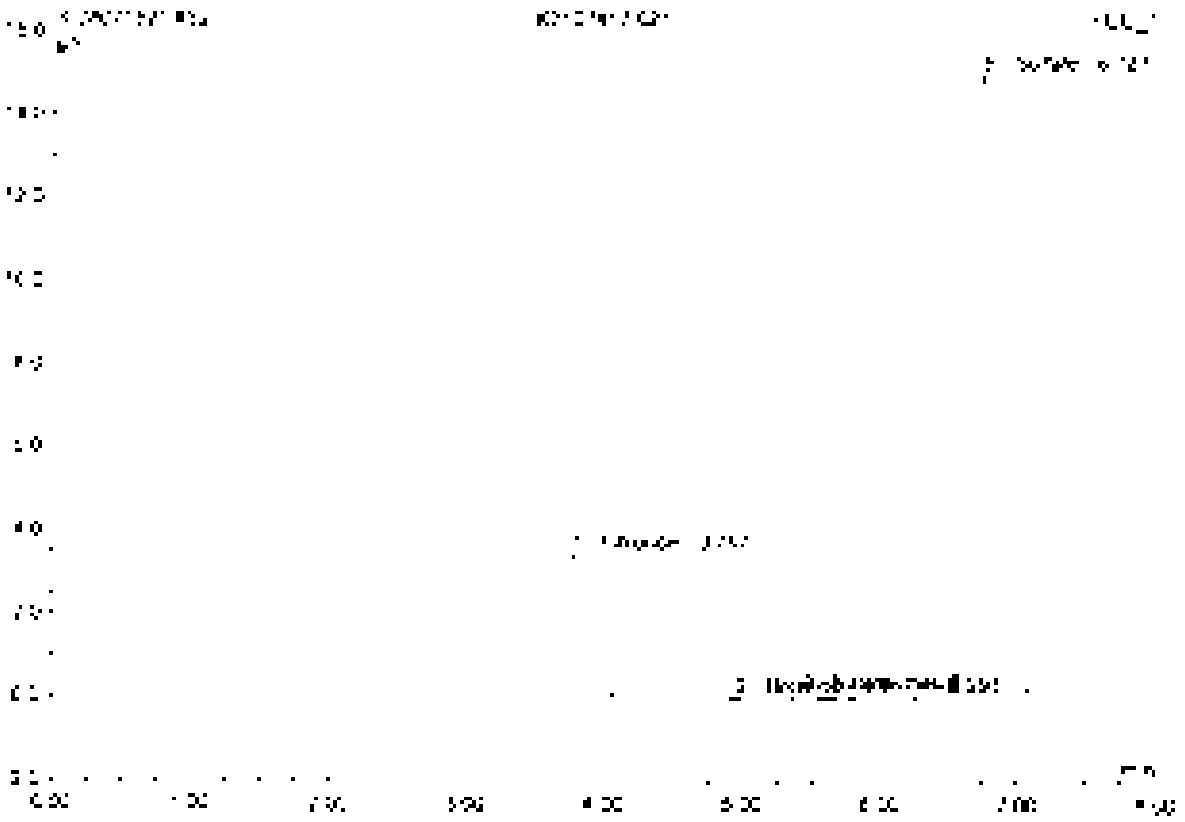


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.76	Chloride	3.420	3.425	1.06	4.959	BMB
2	4.35	Bromide	0.044	0.067	0.02	0.195	BMB
3	5.42	Nitrate	0.333	0.065	0.18	0.250	BMB
4	6.04	n.a.	0.066	0.008	0.02	n.a.	BMB
5	6.86	Sulfate	179.214	35.831	98.75	646.714	BMB
Total			183.179	40.330	100.00	652.128	

52 K2107417-021

CL

Sample Name	K2107417-021	Injection Volume	25.0
Vial Number	34	Channel	CDD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/15/2021 21:15	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000

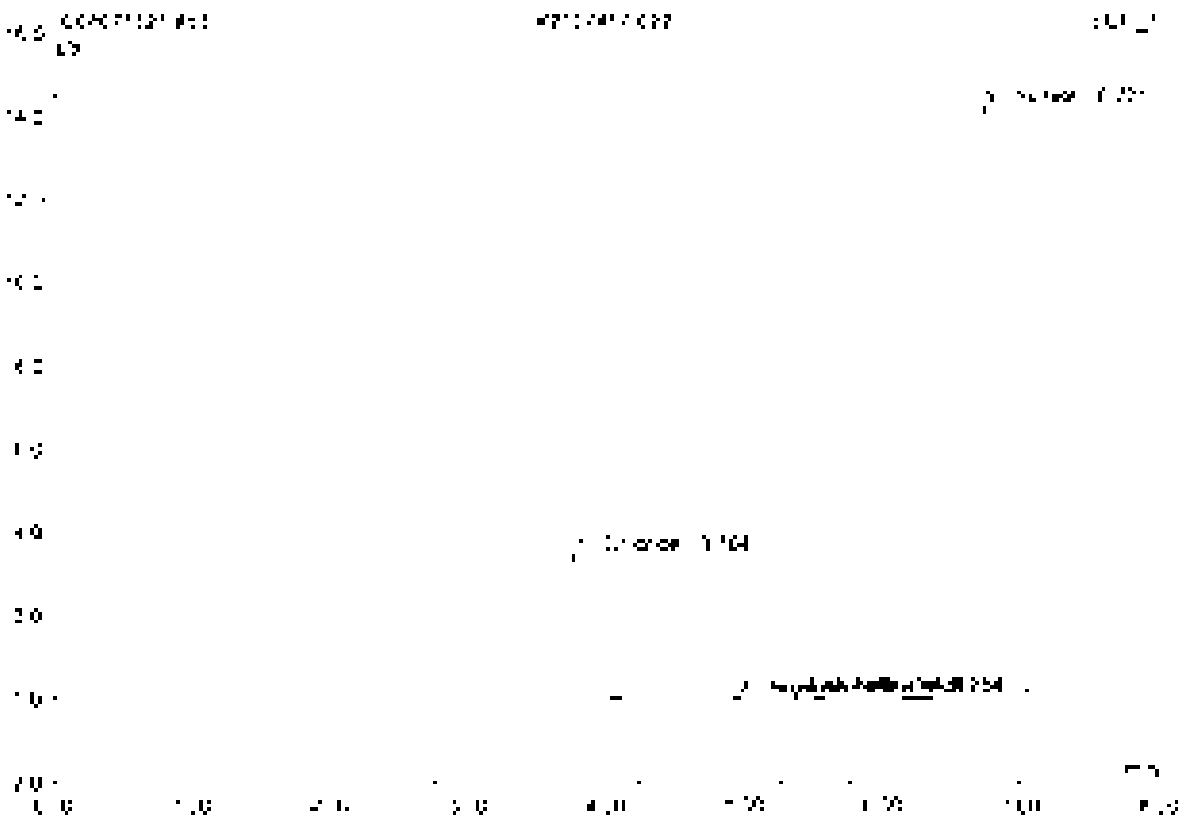


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Chloride	3.450	0.428	12.57	6.947	BMB
2	4.96	Bromide	0.037	0.006	0.17	0.162	BMB
3	5.44	Nitrate	0.126	0.027	0.80	0.120	BMB
4	6.29	n.a.	0.046	0.010	0.31	n.a.	BMB
5	6.[illegible]	Sulfate	14.962	2.931	86.09	47.625	BMB
Total:			18.556	3.407	100.00	52.864	

53 K2107417-022

CL

Sample Name	K2107417-022	Injection Volume	25.0
Vial Number	35	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	7/15/2021 21:25	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000

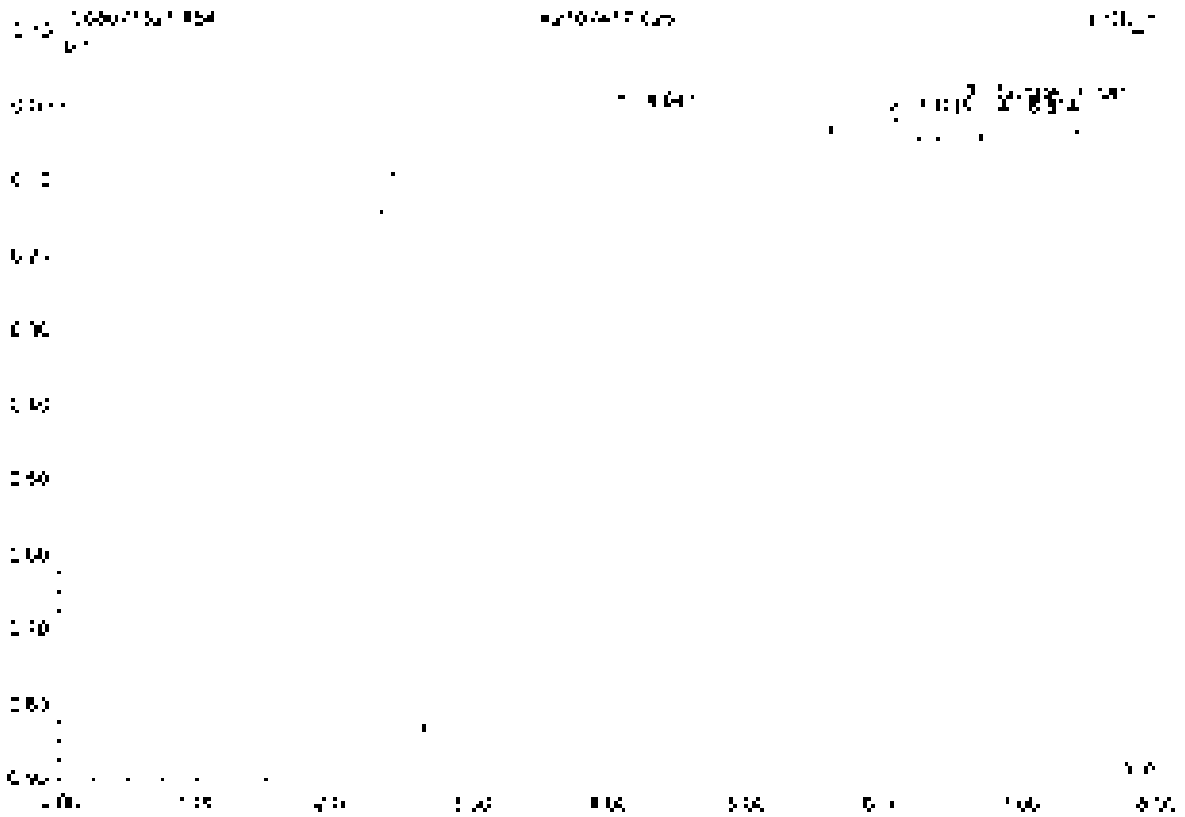


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chloride	0.871	0.825	13.78	4.917	BV B
2	4.95	Bromide	0.035	0.005	0.08	0.144	BV B
3	5.43	Nitrate	0.114	0.025	0.42	0.117	BV B
4	6.28	n.a.	0.047	0.013	0.22	n.a.	BV B
5	6.72	Sulfate	14.121	5.110	85.33	44.976	BM B
Total:			17.159	5.989	100.00	50.155	

54 K2107417-025

CL/SO4

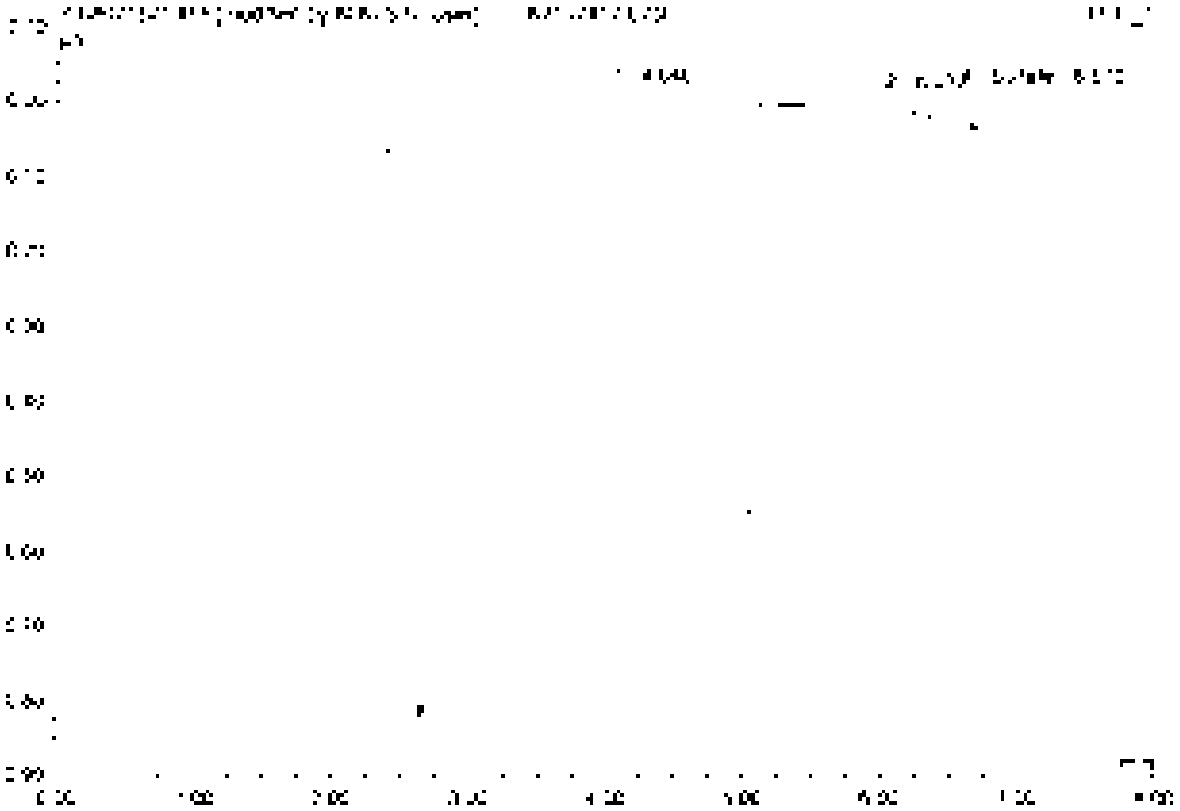
Sample Name	K2107417-025	Injection Volume	25.0
Vial Number	38	Detector	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa500	Bandwidth	n.a.
Control Method	wpa500	Dilution Factor	2.0000
Recording Time	7/15/2021 21:34	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	n.a.	BMB
2	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
3	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
4	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

55 K2107417-025D

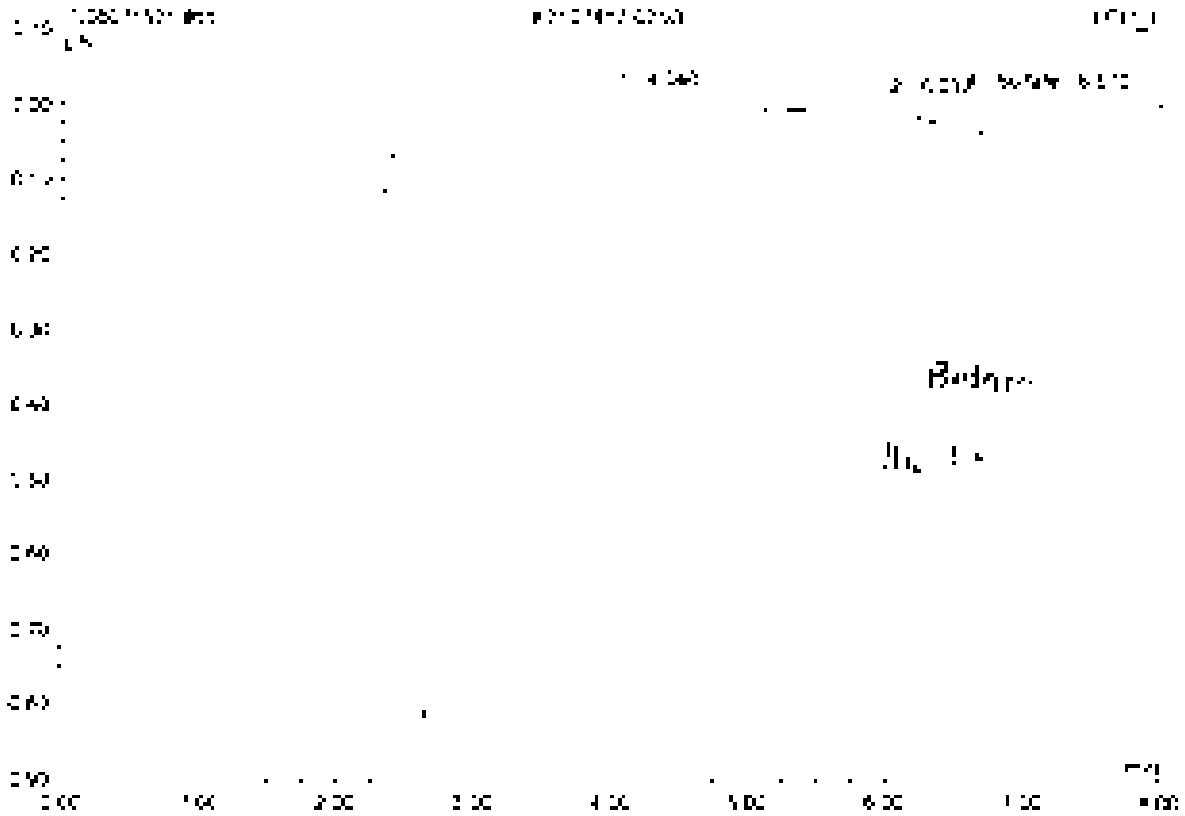
Sample Name	K2107417-025D	Injection Volume	25.0
Vial Number	37	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant. Method	apa300	Dilution Factor	2.0000
Recording Time	7/13/2021 21:44	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.06	n.a.	0.087	0.846	97.58	n.a.	BMB*
2	6.06	n.a.	0.023	0.011	1.28	n.a.	BMB
3	6.97	S. late	0.044	0.006	0.74	0.133	BMB*
Total:			0.453	0.864	100.00	0.133	

55 K2107417-025D

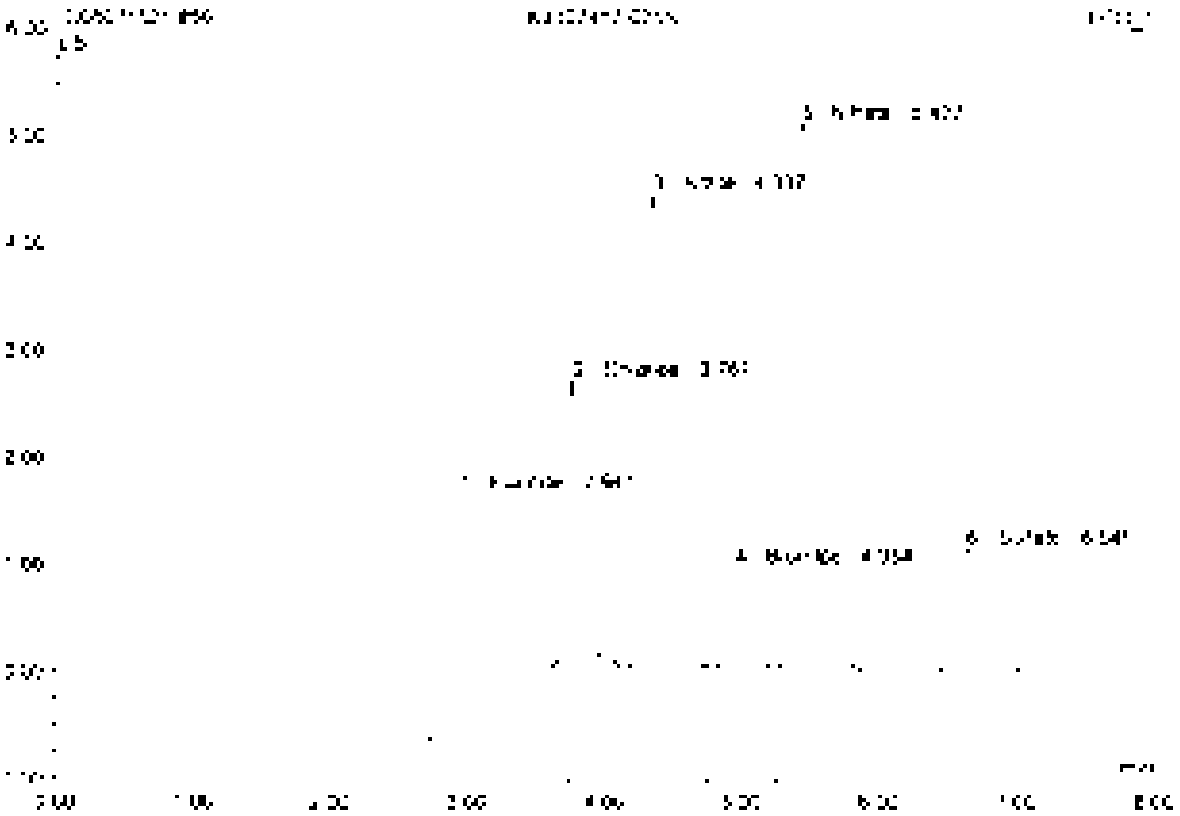
Sample Name	K2107417-025D	Injection Volume	25.0
Vial Number	27	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quantif. Method	spa500	Dilution Factor	2.0000
Recording Time	7/15/2021 21:44	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	n.a.	0.392	0.646	57.80	n.a.	BMD
2	6.04	n.a.	0.027	0.017	1.58	n.a.	BMD
3	8.57	Sulfate	0.030	0.062	0.62	0.129	BaVA
Total:			0.450	0.565	100.00	0.129	

56 K2107417-025S

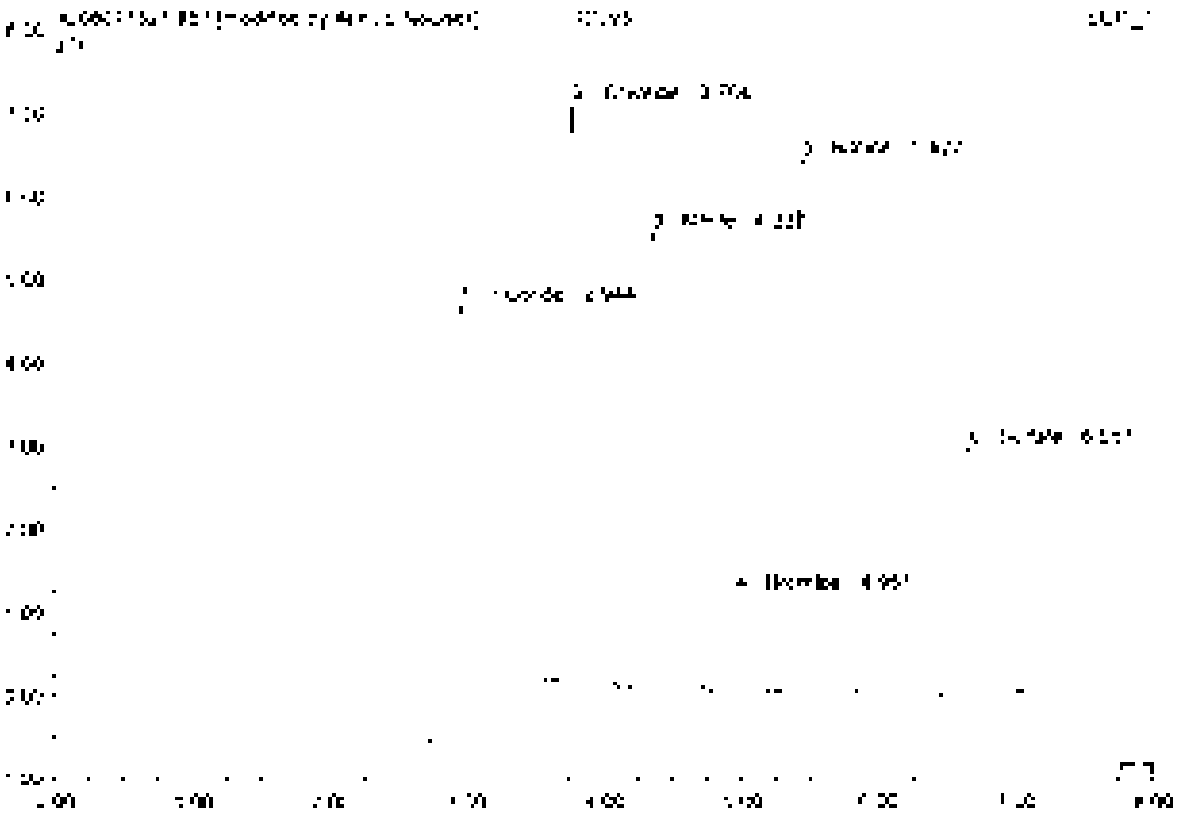
Sample Name	K2107417-025S	Injection Volume	25.0
Vial Number	24	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	4.0000
Recording Time	Tri 5/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	2.145	0.512	2.55	9.742	BMB
2	3.77	Chloride	2.652	0.319	11.26	7.375	BMB
3	4.34	Nitrite	4.432	0.704	24.83	7.514	BMB
4	4.95	Bromide	3.941	0.136	4.56	7.600	BMB
5	5.43	Nitrate	5.027	0.525	29.04	7.845	BMB
6	6.54	Sulfate	1.151	0.226	8.43	7.766	BMB
Total:			16.408	2.532	100.00	42.331	

57 CCV5

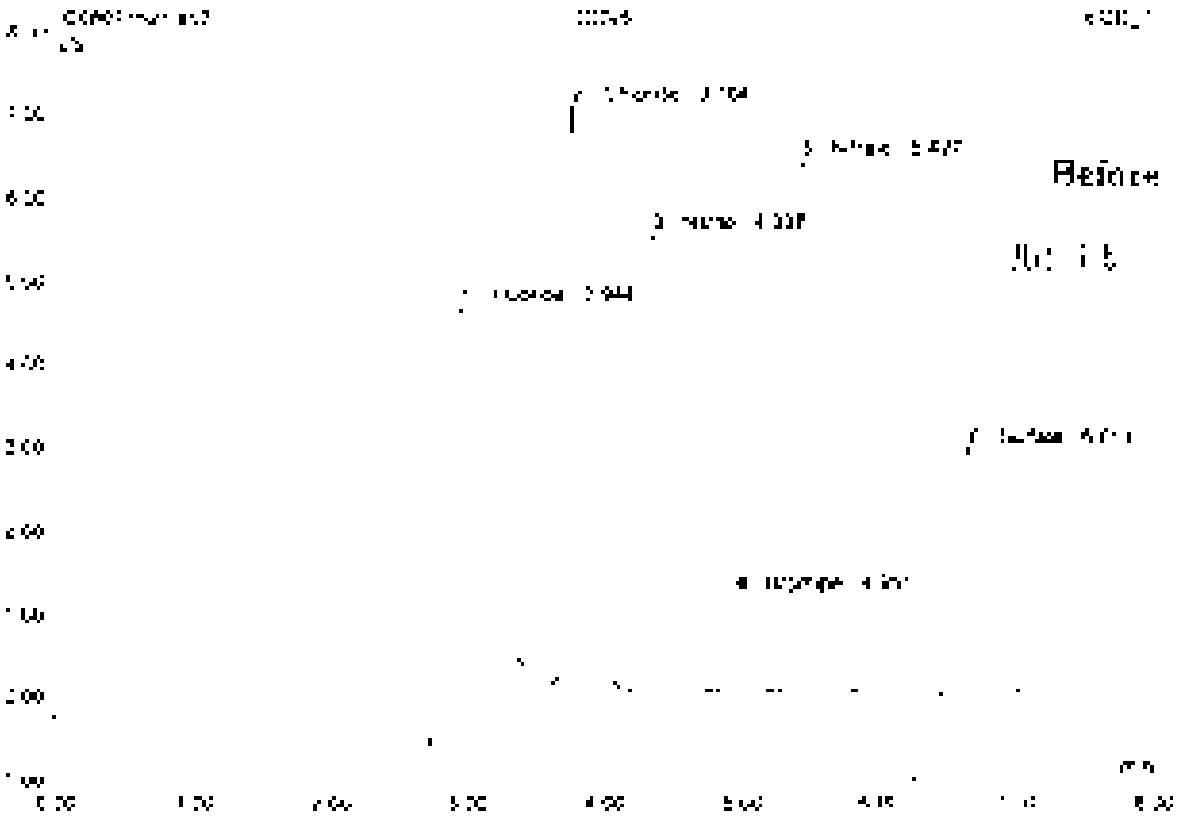
Sample Name	CCV5	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantif. Method	wpa300	Dilution Factor	1.0000
Recording Time	7/15/2021 22:03	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.99	Fluoride	5.275	1.241	26.96	4.940	BMB'
2	3.76	Chloride	6.944	0.802	17.39	4.777	BMB'
3	4.34	Nitrite	5.503	0.575	12.41	2.462	BMB
4	4.95	Bromide	1.168	0.159	3.54	2.377	BMB
5	5.43	Nitrate	5.403	1.039	21.83	2.470	BMB
6	8.85	Sulfate	7.955	0.608	12.78	4.940	BMB
Total:			28.251	4.760	100.00	21.966	

57 CCV5

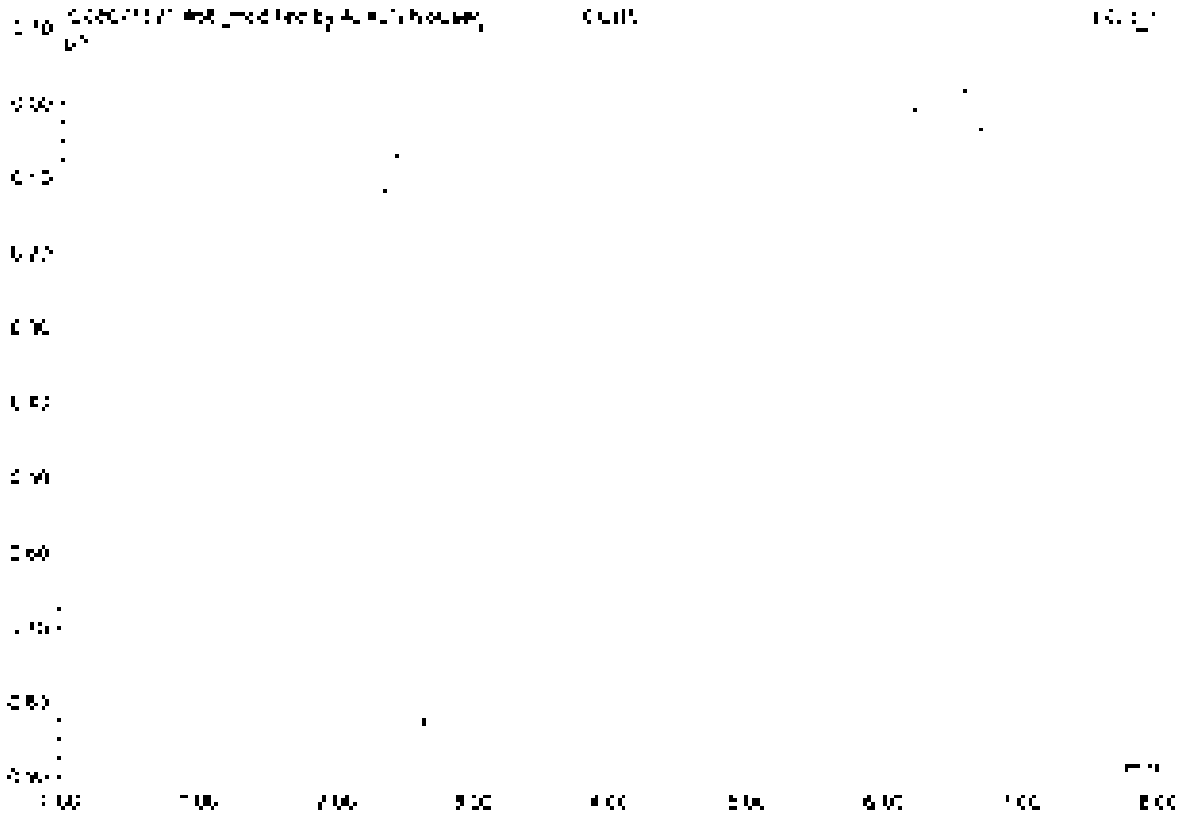
Sample Name	CCV5	Injection Volume	25.0
Vial Number	46	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	7/14/2021 22:05	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	5.000	1.278	20.64	5.085	BMB
2	3.70	Chloride	6.944	0.827	13.28	4.777	BMB
3	4.34	Nitrite	5.503	0.848	13.26	2.462	BMB
4	4.95	Phosphate	[illegible]	[illegible]	[illegible]	2.377	BMB
5	5.43	Nitrate	6.433	[illegible]	21.66	2.430	BMB
6	6.85	Sulfate	2.955	0.808	12.68	4.340	BMB
Total:			28.574	[illegible]	100.00	22.114	

58 CCB5

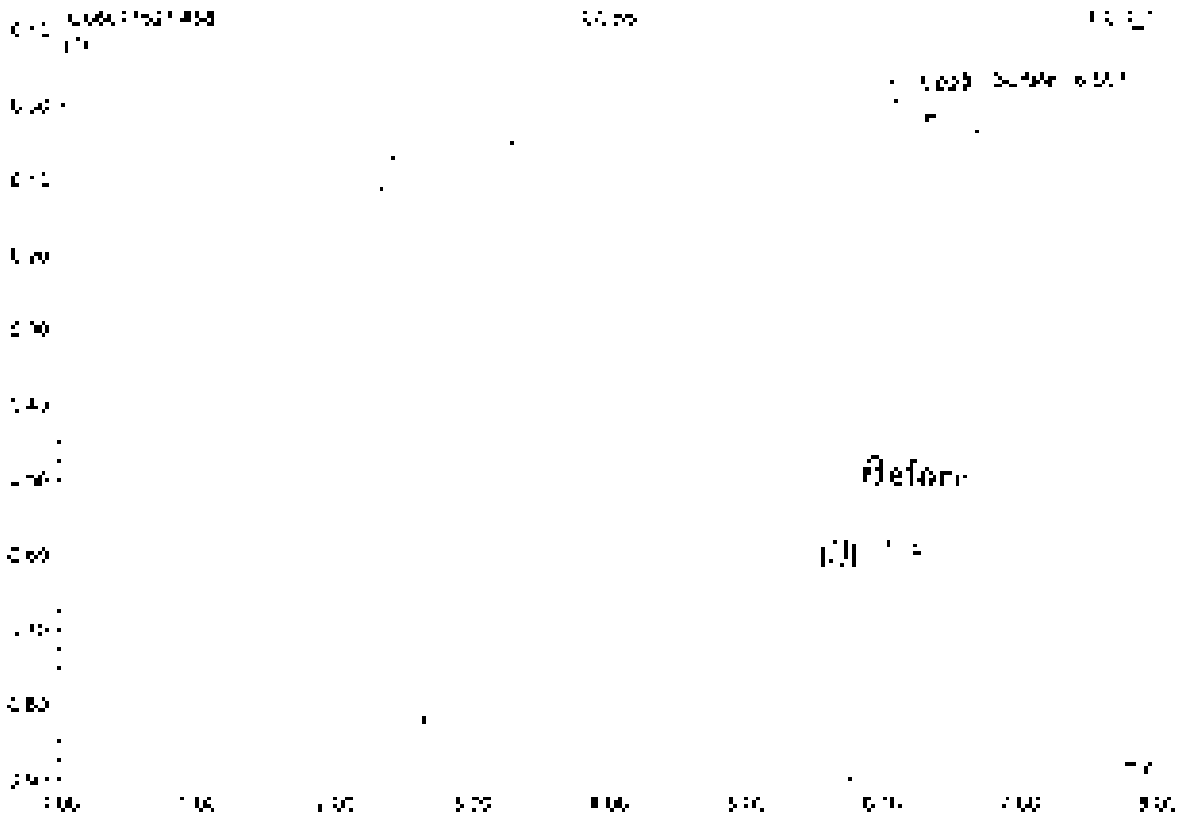
Sample Name	CCB4	Injection Volume	15.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/15/2021 22:13	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

58 CCB5

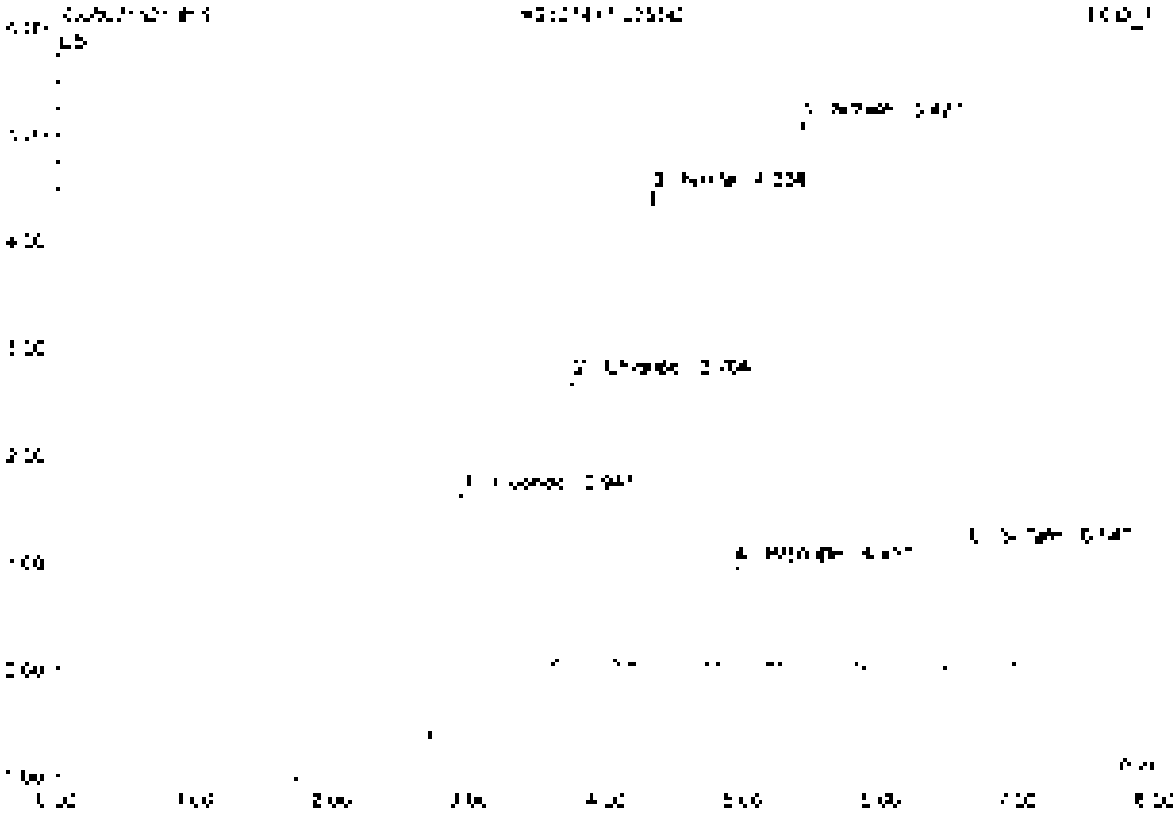
Sample Name	CCB5	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	7/15/2021 22:13	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.03	n.a.	0.097	1.33	99.45	n.a.	BMb
2	6.57	Sulfate	0.007	0.007	0.55	0.000	bMB
Total:			0.108	1.358	100.00	0.000	

59 K2107417-025SD

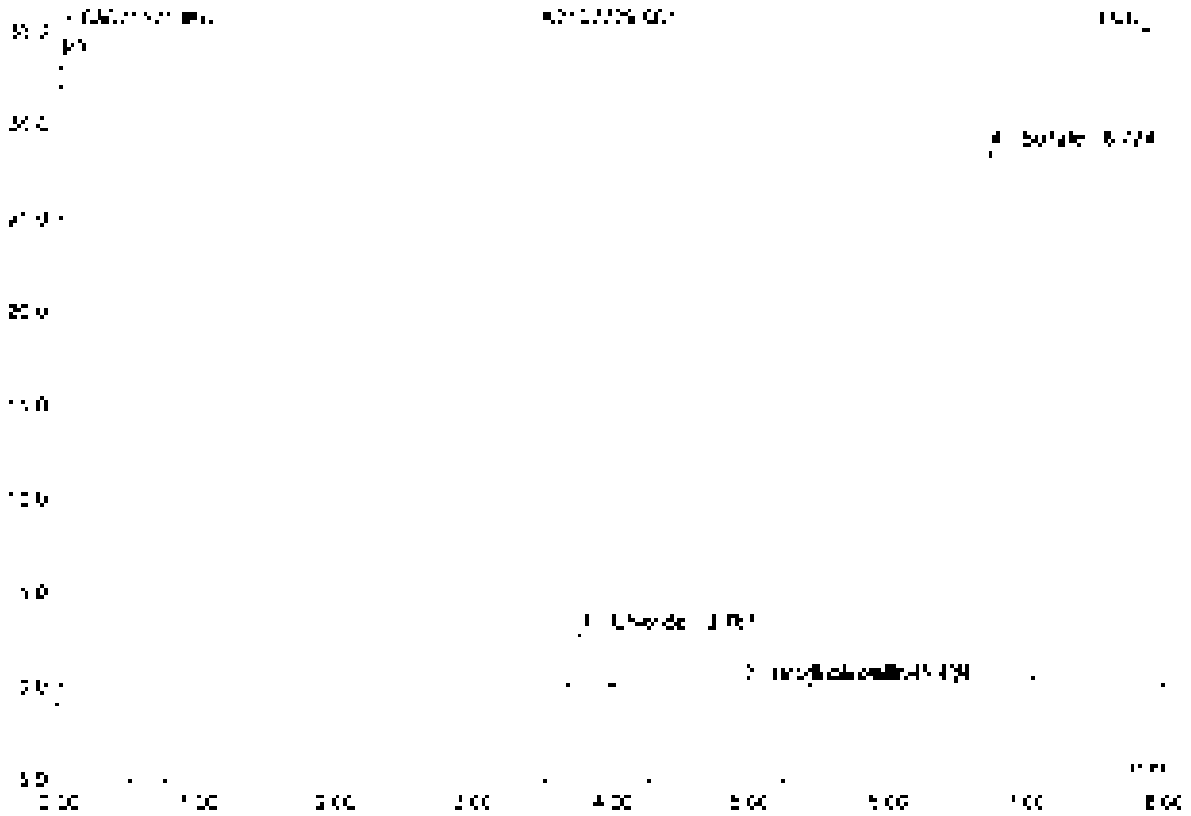
Sample Name	K2107417-025SD	Injection Volume	35.0
Vial Number	39	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	4.0000
Acquisition Time	7/15/2021 22:33	Sample Weight	1.0000
Run Time (min.)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	2[illegible]0	0.608	21.38	9.678	BMb
2	3.76	Chloride	2.651	0.321	11.30	7.421	BMB
3	4.39	Nitrite	4.880	0.707	24.89	7.949	BMB
4	4.95	Bromide	0.940	0.136	4.79	7.680	BMB
5	5.43	Nitrate	5.100	0.830	29.15	7.887	BMB
6	6.64	Sulfate	1.151	0.240	8.44	7.786	BMB
Total			16.814	2.842	100.00	48.402	

60 K2107729-001

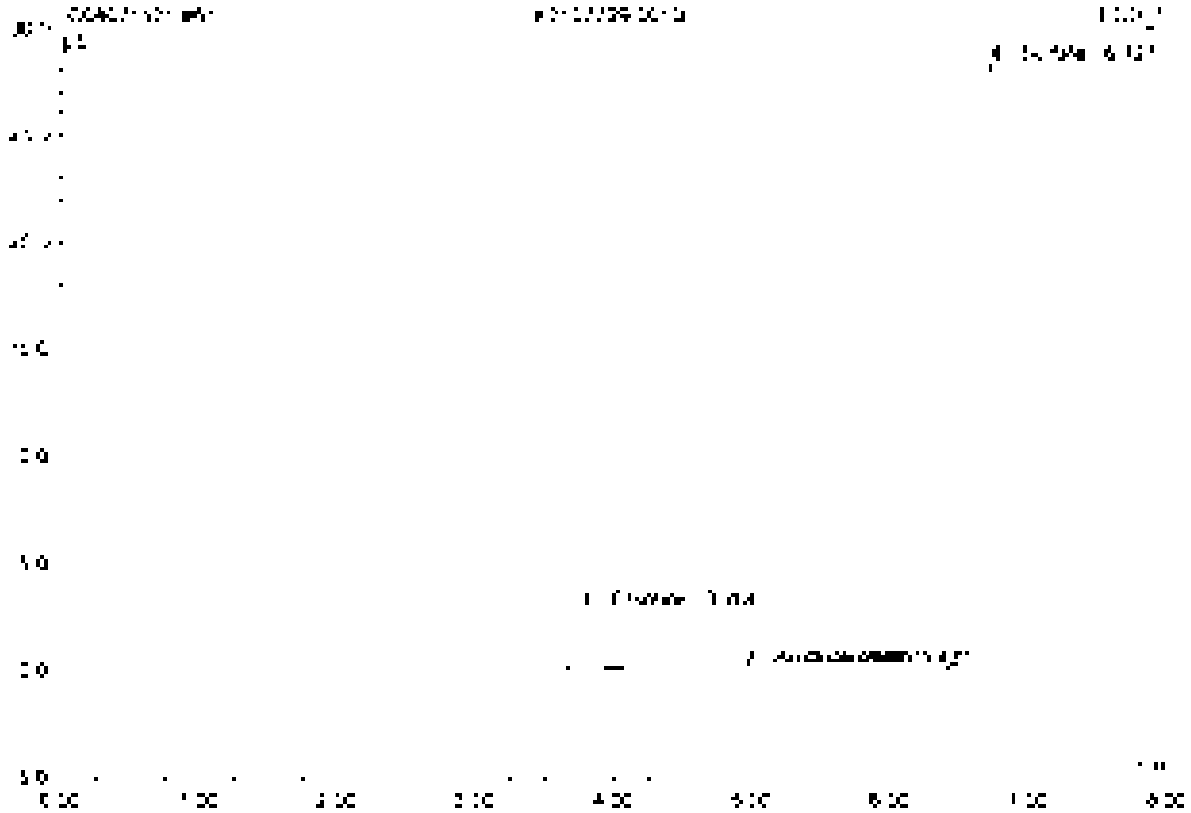
Sample Name	K2107729-001	Injection Volume	25.0
Vial Number	40	Column	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/15/2021 22:33	Sample Weight	1.0000
Run Comment	# 00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.77	Chloride	2.781	0.342	5.50	2.945	BV8
2	4.55	Bromide	0.038	0.006	0.10	0.157	BV8
3	5.40	Nitrate	0.051	0.015	0.25	0.072	BV8
4	6.02	Sulfate	28.361	5.756	94.06	51.363	BV8
Total:			31.215	6.119	100.00	57.547	

61 K2107729-001D

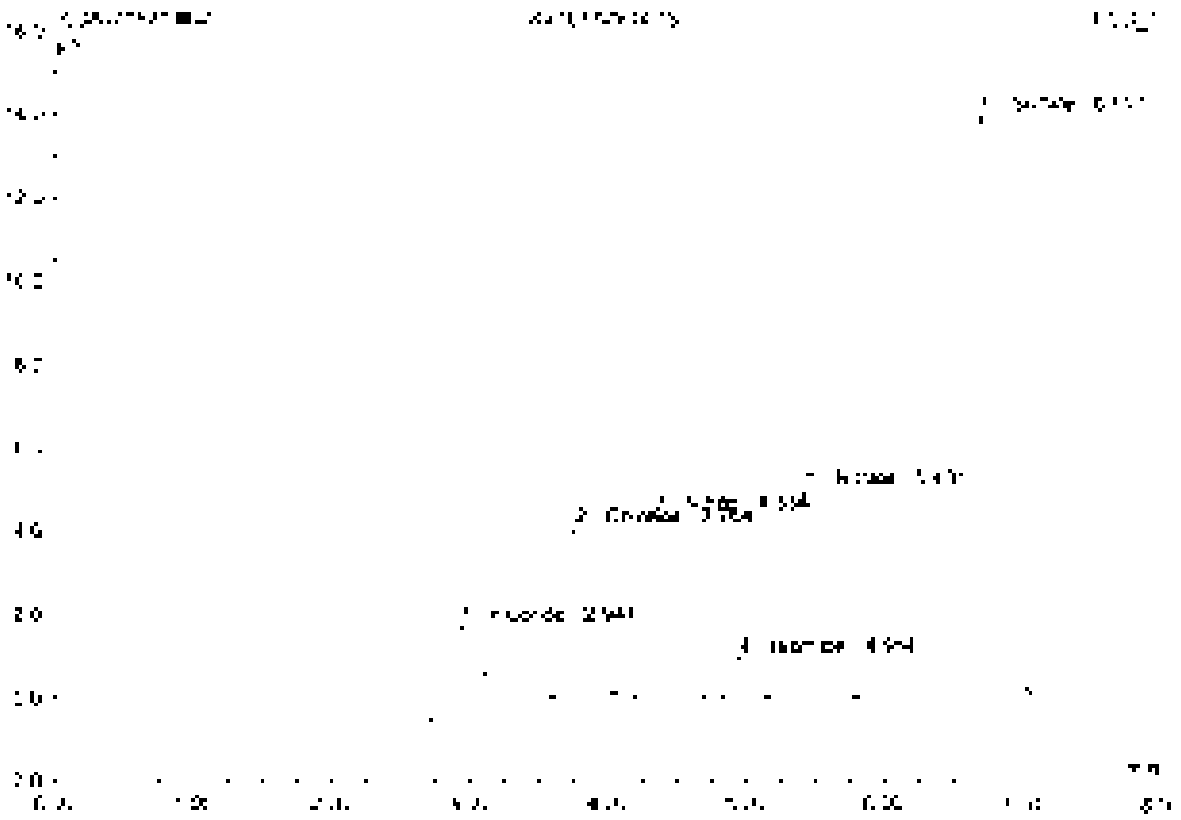
Sample Name	K2107729-001D	Injection Volume	15.0
Vial Number	41	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	3.0000
Recording Time	7/15/2021 22:42	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.78	Chloride	2.758	0.239	5.60	3.564	BMB
2	4.95	Bromide	0.038	0.005	0.11	0.180	BMB
3	5.40	Nitrate	0.056	0.013	0.22	0.092	BMB
4	6.72	Sulfate	27.994	5.683	94.08	92.215	BMB
Total			30.846	6.037	100.00	96.052	

52 K2107729-001S

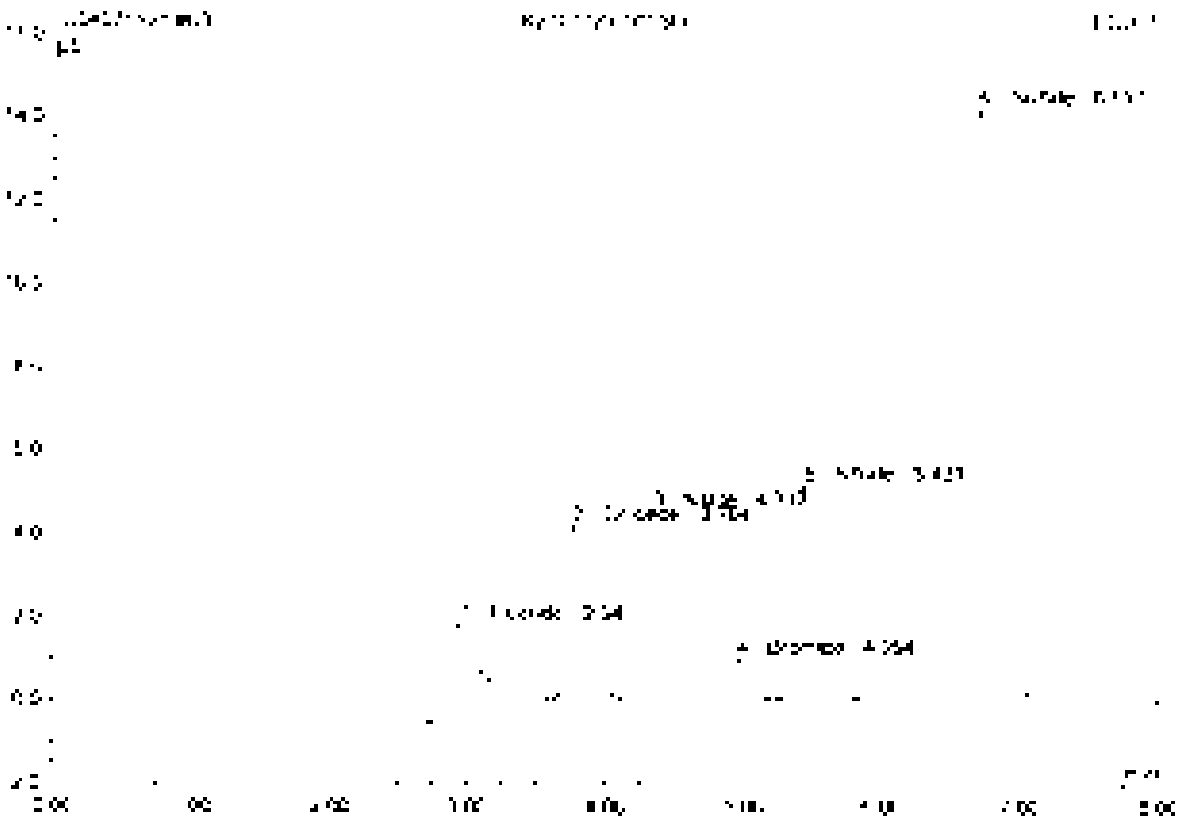
Sample Name	K2107729-001S	Injection Volume	25.0
Vial Number	42	Channel	EGC 1
Sample Type	unknown	Wavelength	n.a
Control Program	epa300	Bandwidth	n.a
Quantif. Method	epa300	Dilution Factor	4.0000
Recording Time	7/16/2021 23:52	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.54	Fluoride	2.772	0.001	10.74	9.570	BMB
2	3.16	Chloride	4.038	1.485	5.67	17.202	BVB
3	4.33	Nitrite	4.385	0.696	12.42	7.812	BMB
4	4.66	Bromide	0.941	0.135	2.44	7.693	BMB
5	5.43	Nitrate	4.505	0.818	14.63	7.779	BMB
6	6.69	Sulfate	13.897	2.859	51.10	92.829	BVB
Total:			30.438	5.594	100.00	136.885	

63 K2107729-001SD

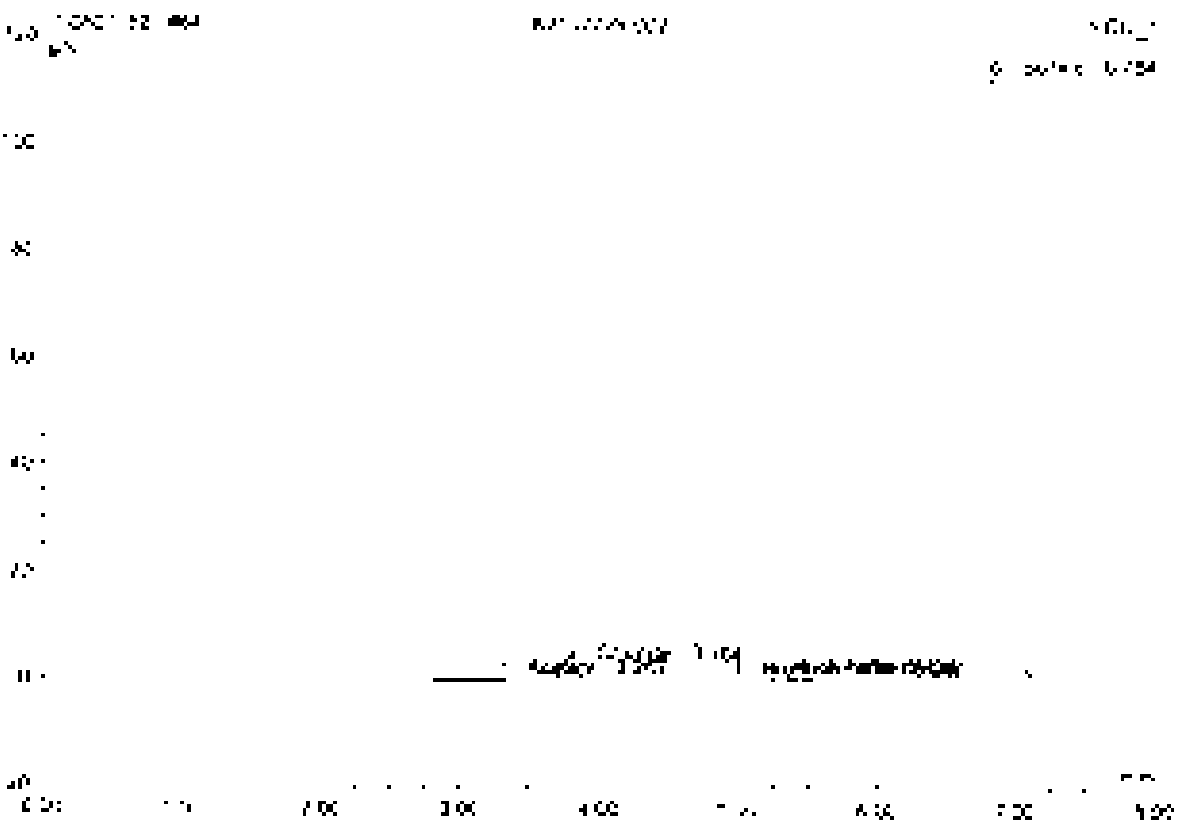
Sample Name	K2107729-001SD	Injection Volume	25.0
Vial Number	43	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	4.0000
Injection Time	7/15/2021 23:03	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.84	Fluoride	2.248	0.015	0.50	3.253	BMB
2	3.76	Chloride	4.180	0.495	0.71	11.528	BMB
3	4.34	Nitrite	4.515	0.175	2.46	8.033	BMB
4	4.95	Bromide	0.566	0.140	2.45	7.902	BMB
5	5.41	Nitrate	5.145	0.344	4.74	8.029	BMB
6	6.65	Sulfate	14.100	2.510	50.32	54.486	BMB
Total			31.113	3.728	100.00	123.826	

64 K2107729-002

Sample Name	K2107729-002	Injection Volume	25.0
Vial Number	64	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	01152021 23:11	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



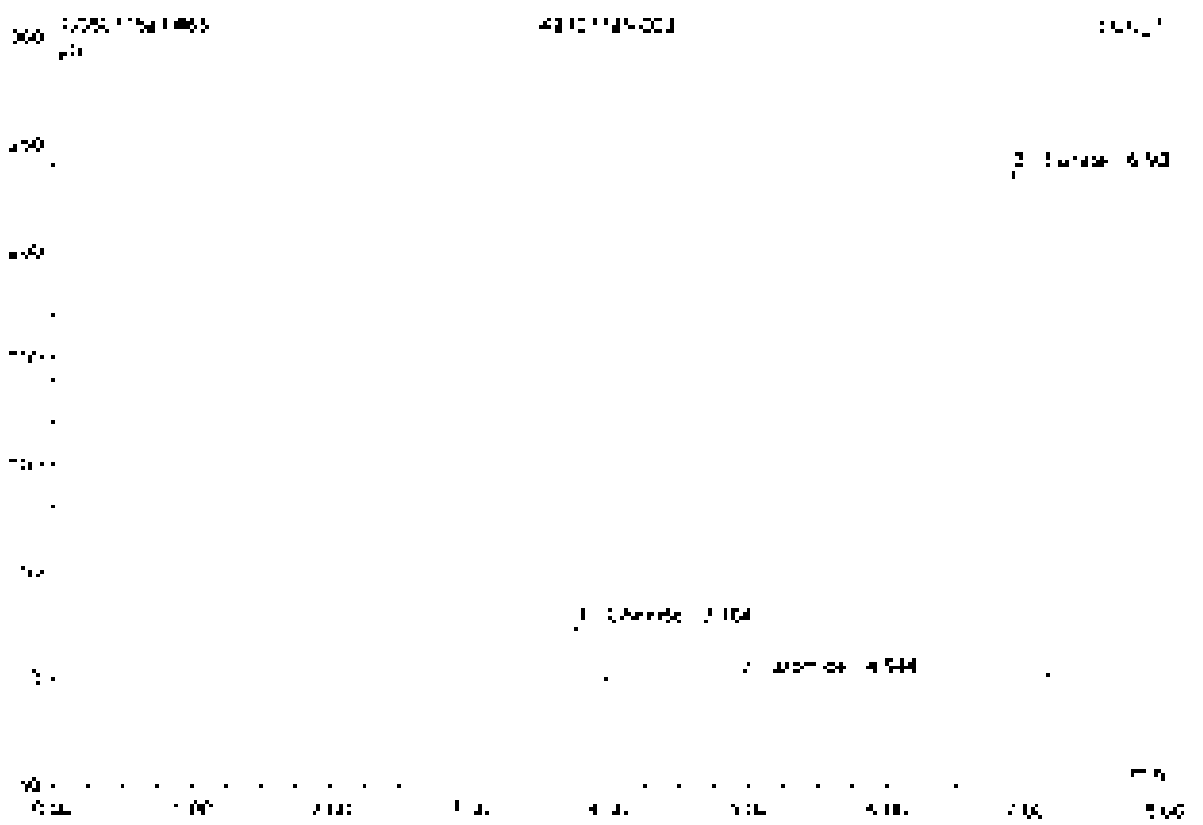
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.27	Acetate	0.292	0.207	0.55	n.a.	BMB
2	3.76	Chloride	2.811	0.341	0.91	3.540	bVB
3	4.94	Bromide	0.039	0.006	0.02	0.151	BMB
4	5.42	Nitrate	0.495	0.081	0.22	0.387	BMB
5	6.05	n.a.	0.067	0.009	0.02	n.a.	BMB
6	6.78	Sulfate	111.615	36.696	98.27	564.330	bVB
Total:			115.319	37.340	100.00	568.819	

Delay Integration

Chromeleon Dionex 1996-2000
Version 6.80 SR11 Build 3302 (1462791)

65 K2107729-003

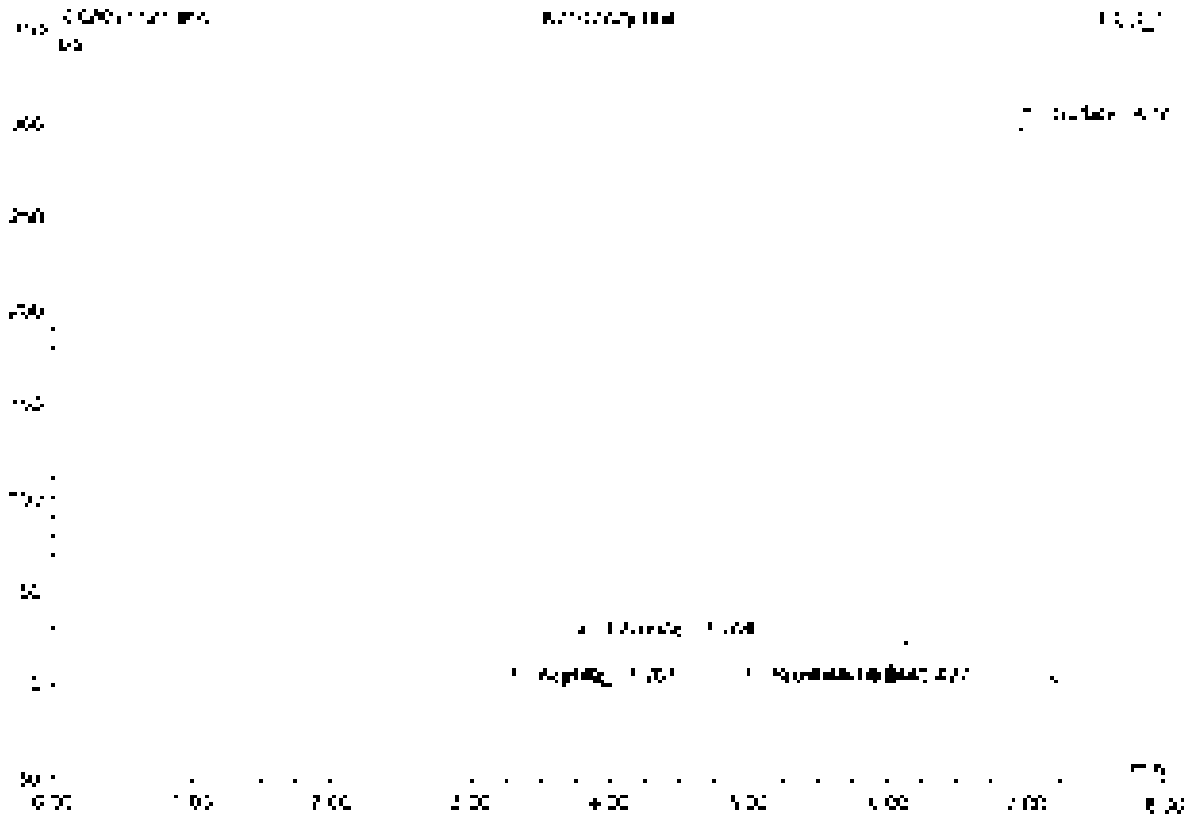
Sample Name	K2107729-003	Injection Volume	25.0
Vial Number	45	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	2.0000
Recording Time	7/15/2021 20:21	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chloride	24.545	2.891	3.25	33.430	BVB
2	4.96	Bromide	0.147	0.023	0.03	0.650	BVB
3	6.93	Sulfate	234.442	85.819	96.72	1396.913	BVB
Total:			259.234	88.934	100.00	1430.555	

66 K2107729-004

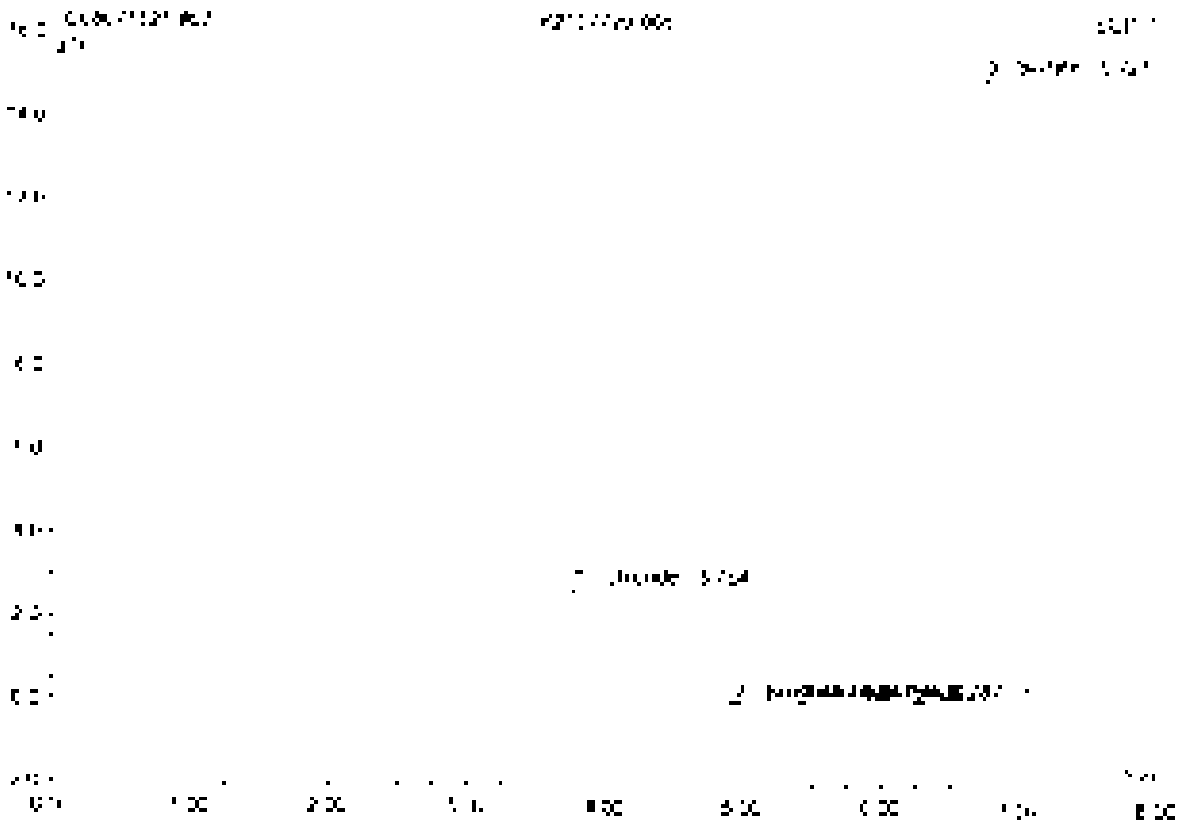
Sample Name	K2107729-004	Injection Volume	25.0
Vial Number	59	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	7/15/2021 21:30	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.25	Acetate	0.172	0.139	0.10	n.a.	BMB
2	3.16	Chloride	25.141	2.960	2.69	34.185	BMB
3	4.94	Bromide	0.144	0.022	0.02	0.512	BMB
4	5.45	Nitrate	0.137	0.026	0.02	0.124	BMB
5	6.95	Sulfate	292.527	109.454	97.23	1777.153	BMB
Total:			318.316	112.570	100.00	1812.052	

67 K2107729-005

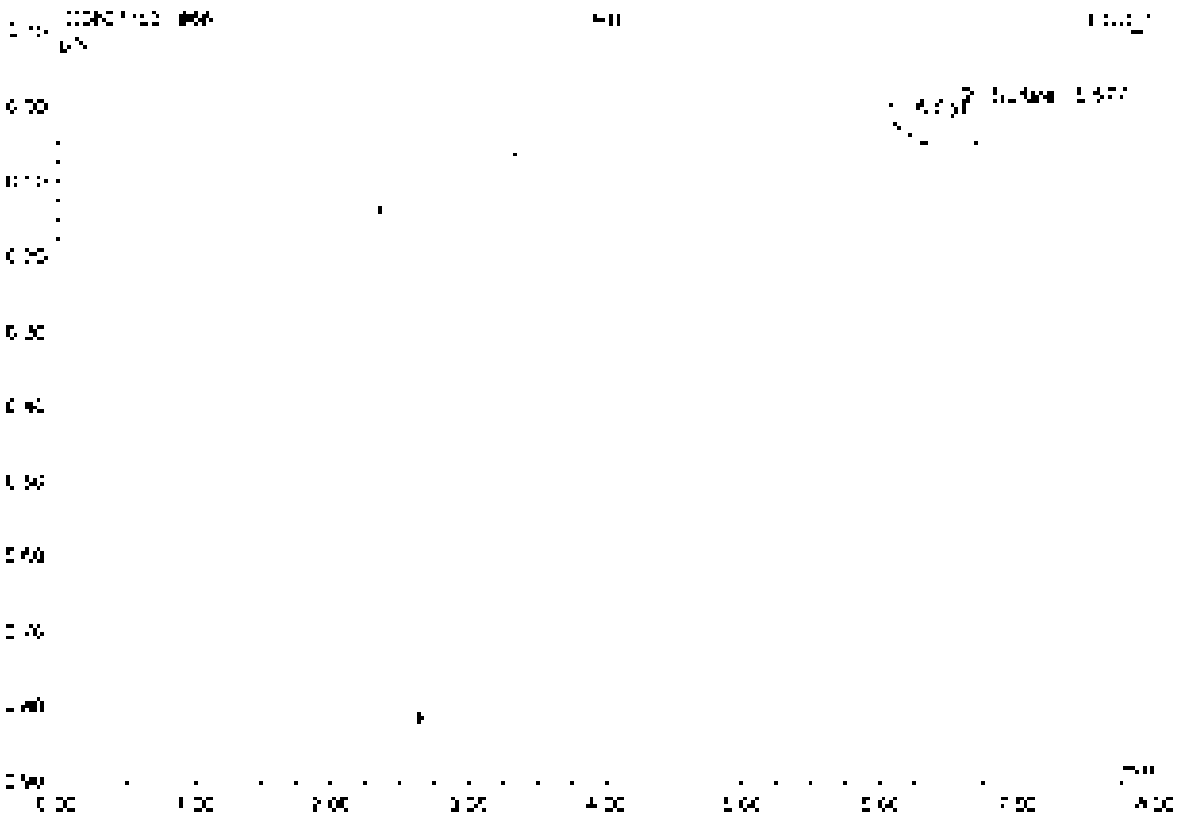
Sample Name	K2107729-005	Injection Volume	35.0
Vial Number	3	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/13/2021 23:40	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.75	Chloride	2.757	0.347	10.25	3.943	BVB
2	4.55	Bromide	0.038	0.006	0.17	0.150	BVB
3	5.43	Nitrate	0.052	0.015	0.57	0.390	BVB
4	6.24	[illegible]	0.046	0.072	0.36	[illegible]	BVB
5	6.72	Sulfate	16.586	2.954	88.66	47.262	BVB
Total:			17.500	3.332	100.00	52.150	

6# RB

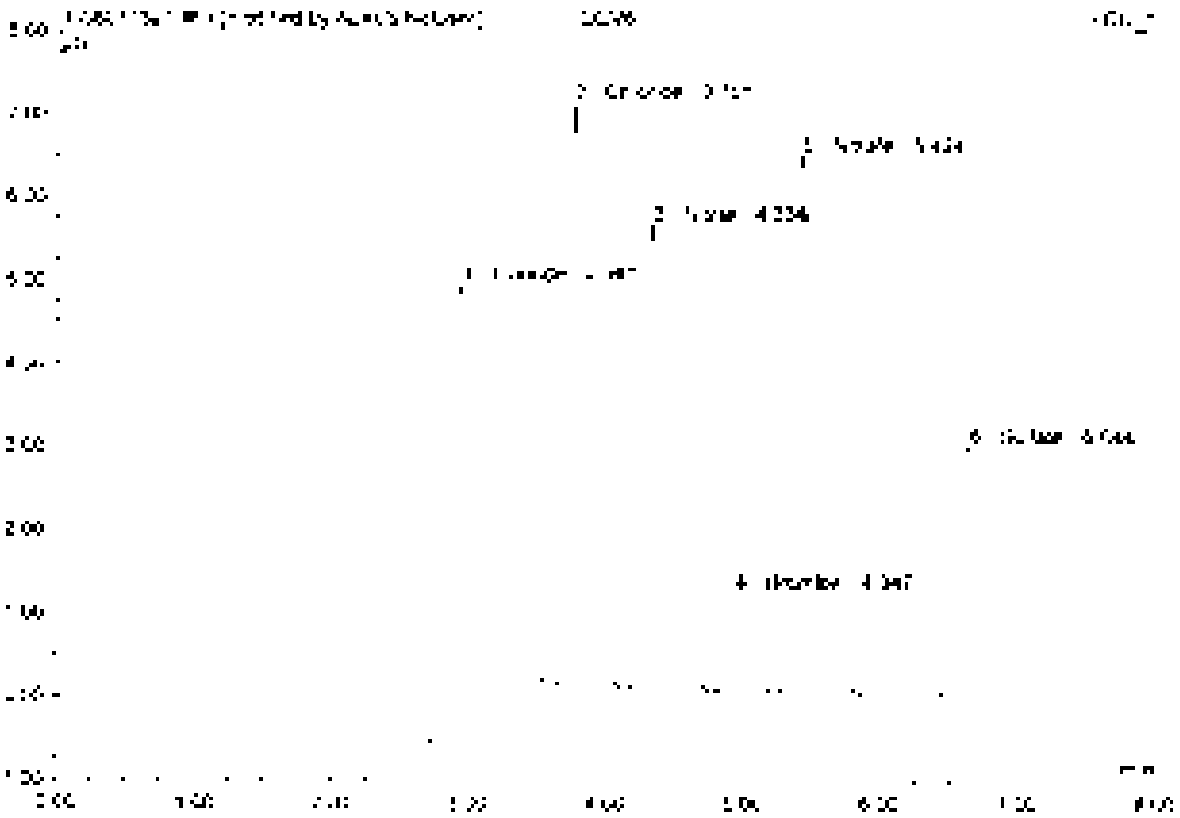
Sample Name	RB	Injection Volume	25.0
Inj Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	eps300	Bandwidth	n.a.
Quantit. Method	eps300	Dilution Factor	1.0000
Acquisition Time	Tri 5/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	5.04	n.a.	0.090	[illegible].026	99.50	n.a.	BMB
2	6.58	Sulfate	0.049	0.007	0.50	0.054	SVB
Total			0.138	[illegible].033	100.00	0.054	

69 CCV6

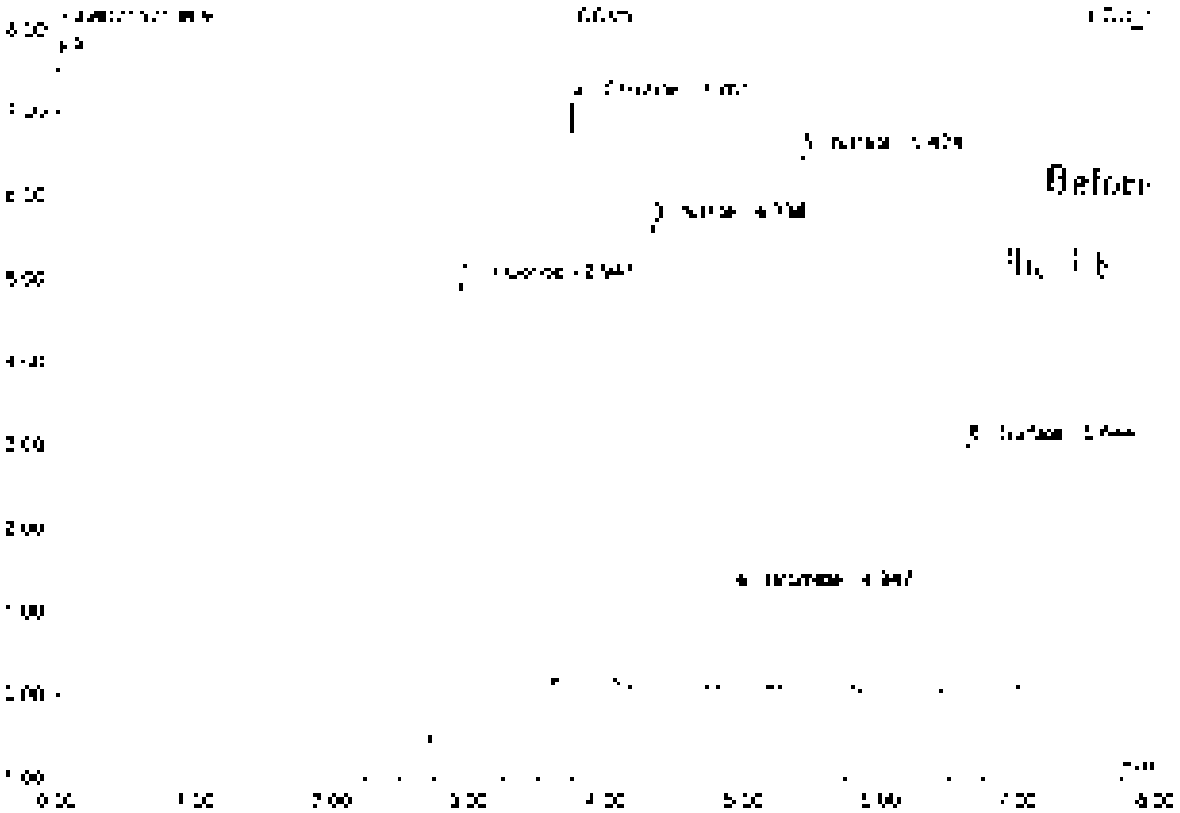
Sample Name	CCV6	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	7/16/2021 0:00	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	5.310	[illegible]	20.25	4.945	BMB
2	3.75	Chloride	6.387	[illegible]	[illegible]	4.775	BMB
3	4.33	Nitrite	5.528	[illegible]	[illegible]	2.470	BMB
4	4.95	Bromide	1.178	0.170	3.56	2.197	BMB
5	5.42	Nitrate	5.445	[illegible]	21.35	2.474	BMB
6	6.54	Sulfate	2.971	0.608	[illegible]	4.913	BMB
Total:			25.478	[illegible]	[illegible]	22.047	

69 CCV6

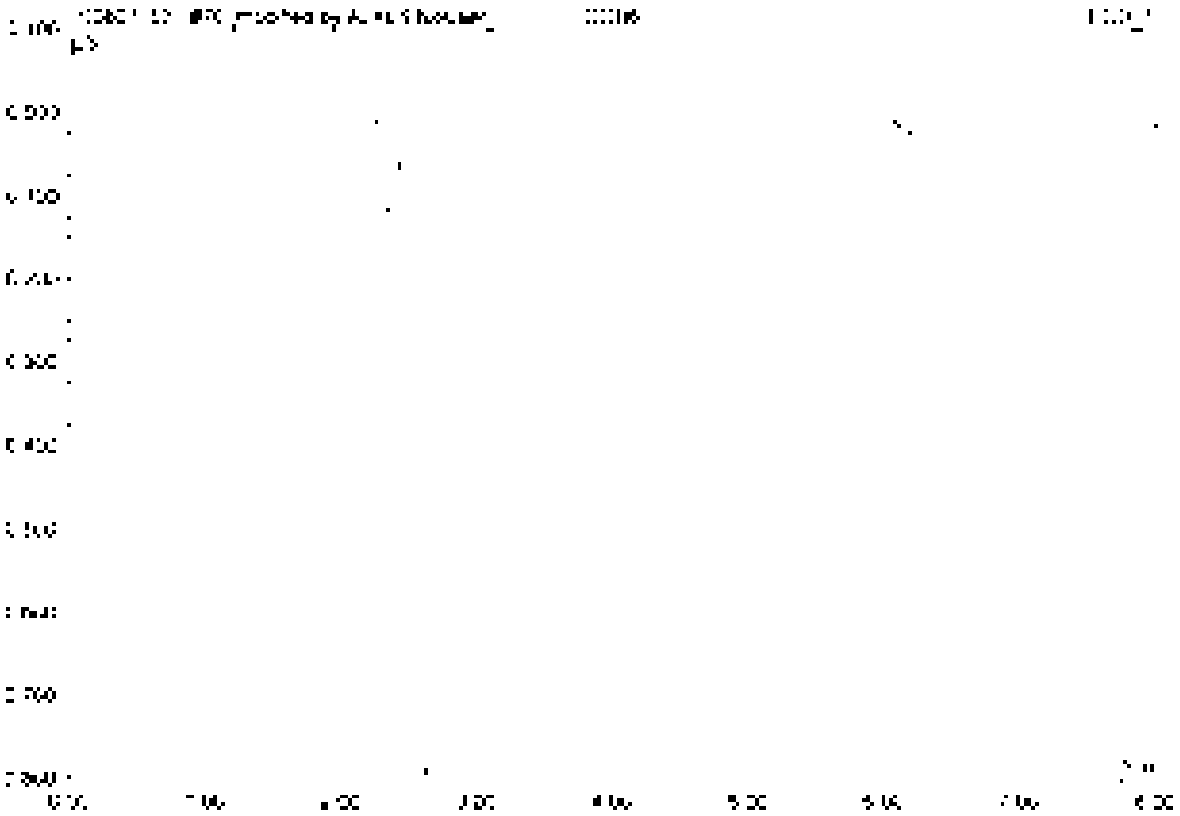
Sample Name	CCV6	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	3/14/2011 0:00	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.94	Fluoride	5.368	1.308	27.07	5.208	BMB
2	3.70	Chloride	6.981	0.827	17.12	4.779	BMB
3	4.31	Nitrite	5.589	0.879	18.19	2.470	BMB
4	4.95	Bromide	[illegible]	[illegible]	[illegible]	2.097	BMB
5	5.42	Nitrate	6.465	1.041	21.53	2.474	BMB
6	6.64	Sulfate	2.971	0.608	12.57	4.933	BMB
Total			22.511	4.833	100.00	22.350	

70 CCB6

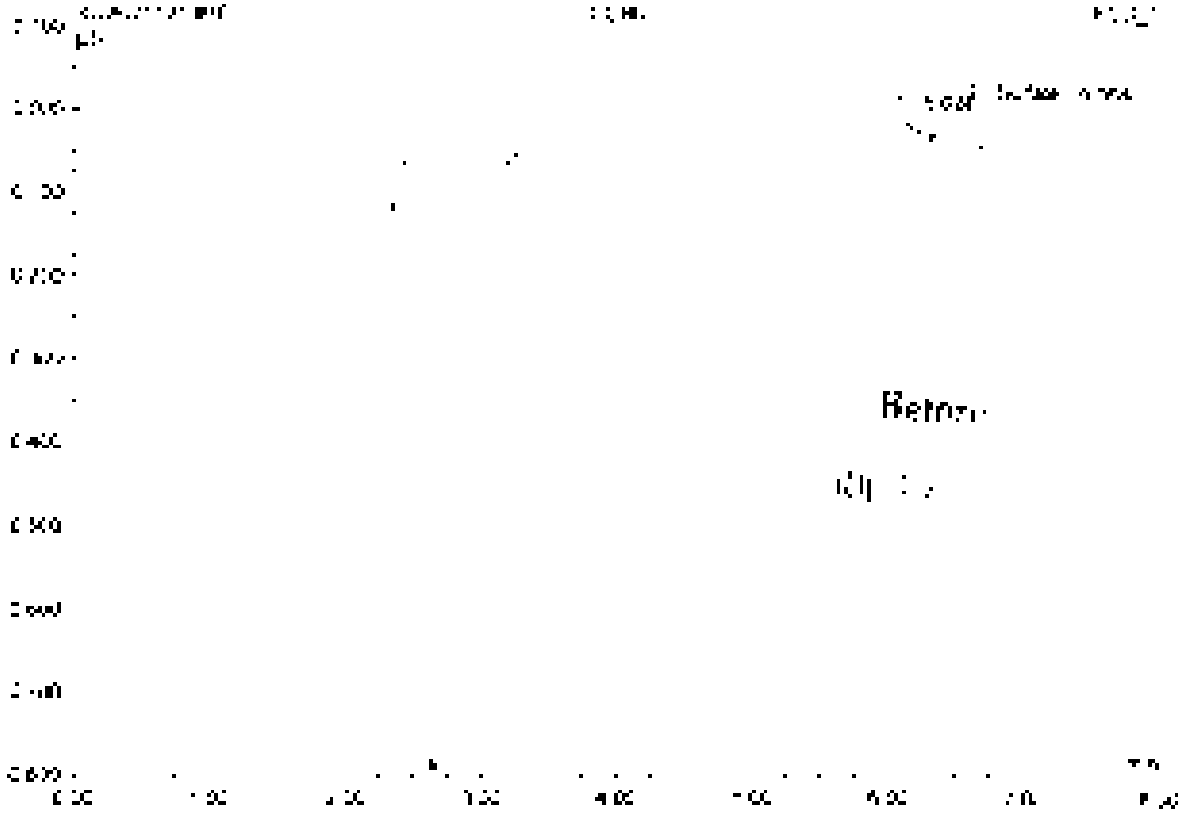
Sample Name	CCB6	Injection Volume	35.0
Vial Number	49	Column	ECO II
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	7/16/2021 8:10	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total			0.000	0.000	0.00	0.000	

70 CCB5

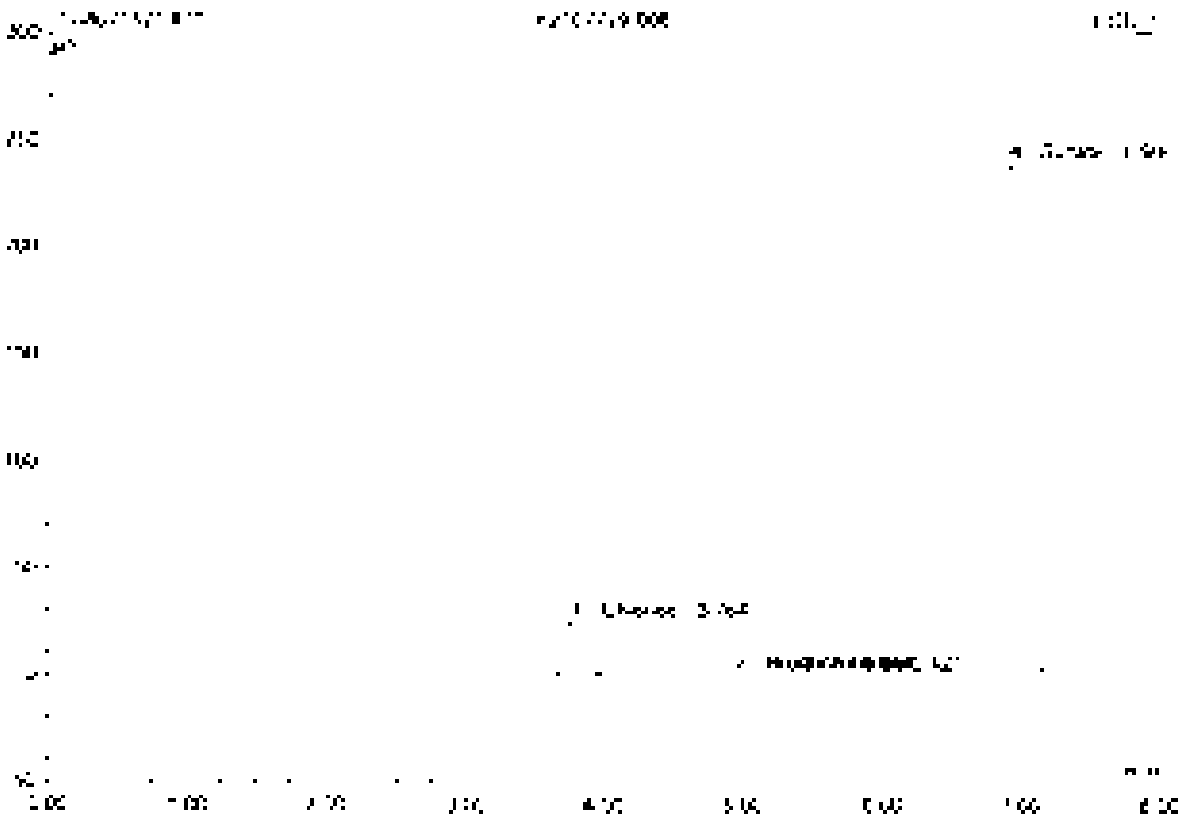
Sample Name	CCB5	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	7/16/2021 9:19	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.03	n.a.	0.955	7.297	99.39	n.a.	BMB
2	6.66	S. Inst.	0.049	0.008	0.61	0.001	BMB
Total:			0.134	7.305	100.00	0.005	

71 K2107729-006

Sample Name	K2107729-006	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	7/16/2021 0:20	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



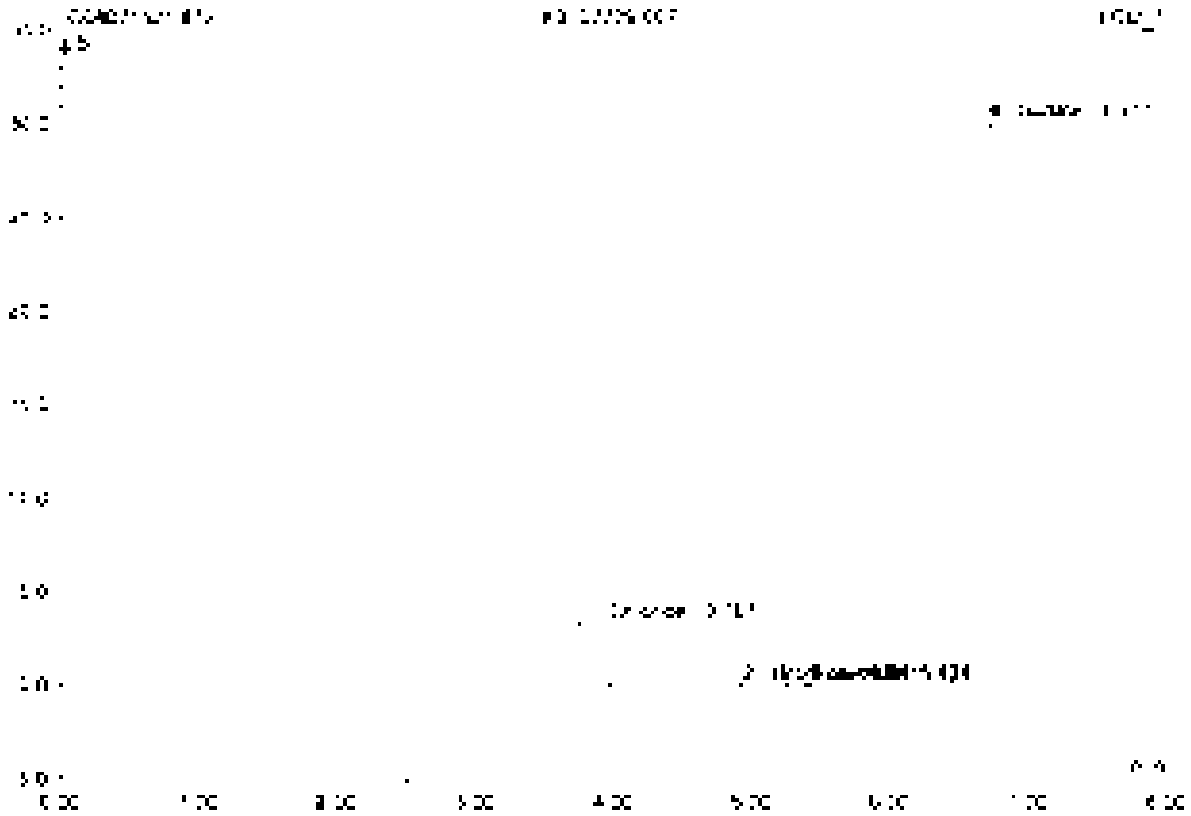
No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.76	Chloride	24.828	2.971	3.32	32.747	BV B
2	4.96	Bromide	0.141	0.022	0.02	0.207	BV B
3	5.42	Nitrate	0.142	0.024	0.03	0.314	BV B
4	6.90	Sulfate	237.285	84.950	96.63	1,079.292	BV B
Total:			262.396	87.916	100.00	1,112.556	

Delay Integration

Chromeleon: Dionex 1996-2006
Version 6.80 SP1 build 3302 (1962)

72 K2107729-007

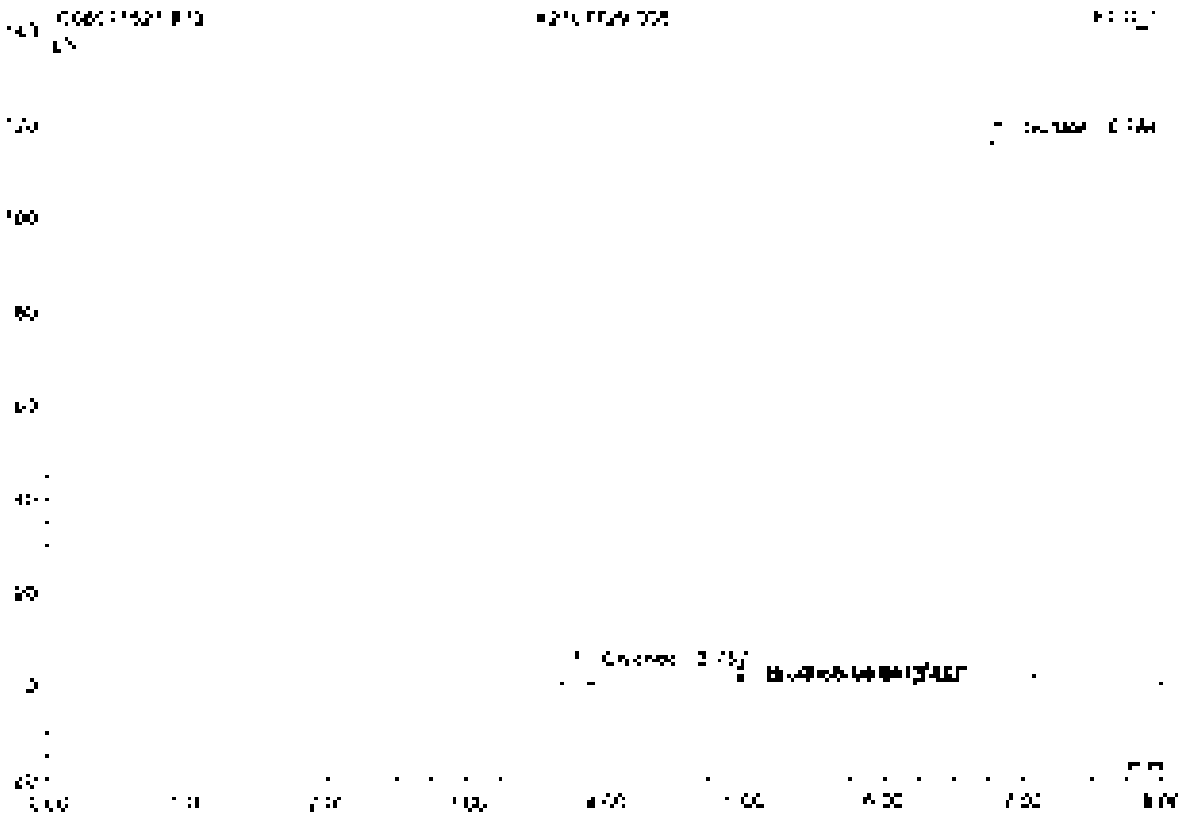
Sample Name	K2107729-007	Injection Volume	25.0
Vial Number	5	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	3.0000
Processing Time	7/16/2021 0:30	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.75	Chloride	3.391	0.413	6.22	4.772	BV B
2	4.54	Bromide	0.045	0.009	0.13	0.242	BV B
3	5.42	Nitrate	0.074	0.015	0.23	0.271	BV B
4	6.71	Sulfate	25.827	6.204	93.42	100.725	BV B
Total			32.337	6.640	100.00	106.012	

73 K2107729-008

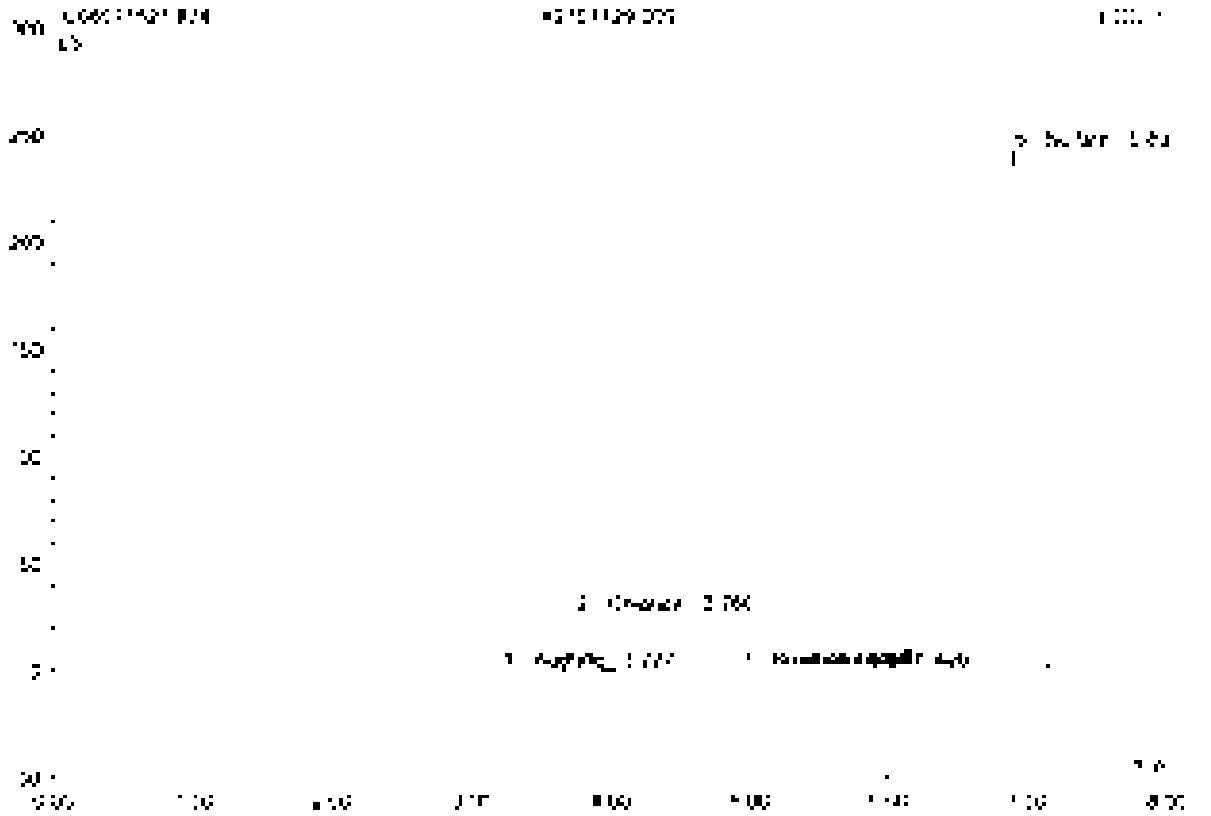
Sample Name	K2107729-008	Injection Volume	25.0
Vial Number	6	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Chanel Method	epa300	Dilution Factor	2.0000
Recording Time	7/16/2021 0:33	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.70	Chloride	0.126	0.326	1.00	4.461	BVB
2	4.94	Bromide	0.039	0.007	0.02	0.194	BVB
3	5.47	Nitrate	0.111	0.012	0.05	0.067	BVB
4	6.04	n.a.	0.066	0.005	0.02	n.a.	BVB
5	5.78	Sulfate	115.502	38.043	98.91	618.174	BVB
Total:			116.895	38.493	100.00	622.916	

74 K2107729-009

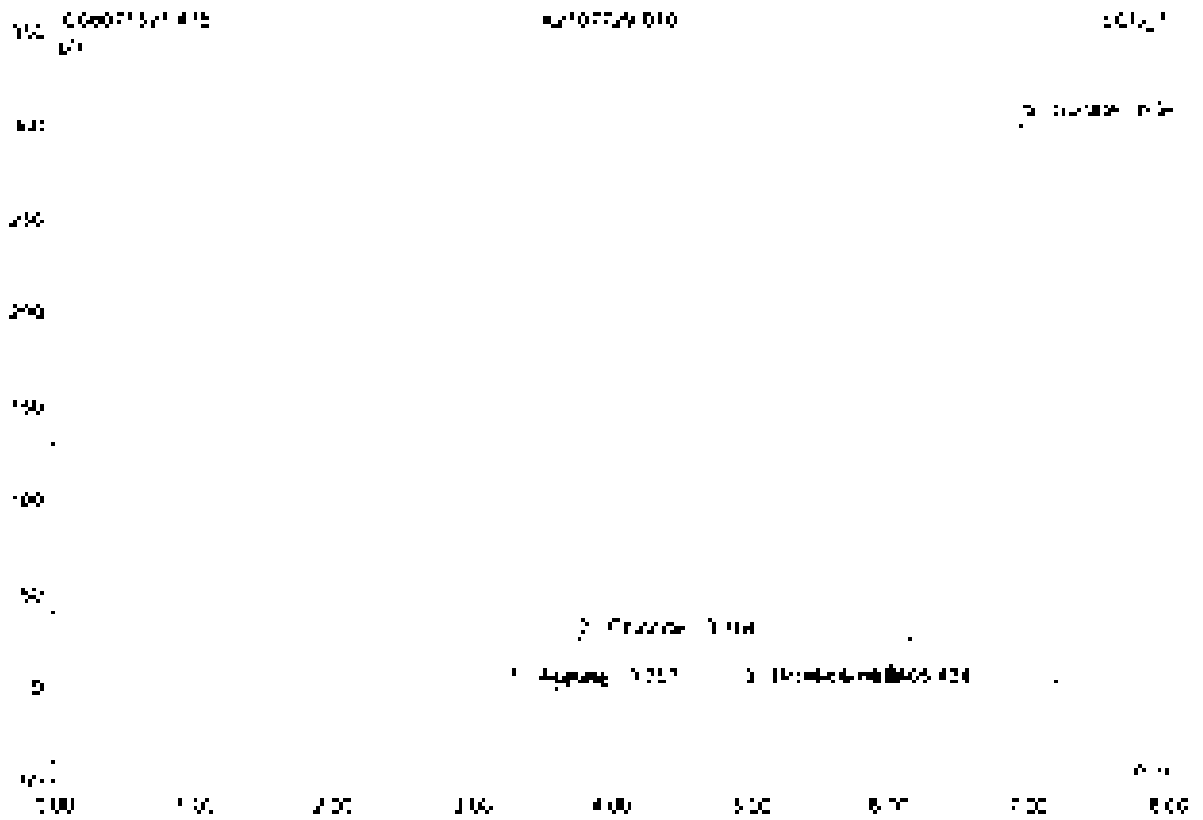
Sample Name	K2107729-009	Injection Volume	25.0
Vial Number	7	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quantif. Method	spa300	Dilution Factor	1.0000
Recording Time	7/14/2021 0.49	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.23	Acetate	0.125	0.101	0.11	n.a.	BMB
2	3.76	Chloride	25.580	3.042	3.35	35.136	bMB
3	4.94	Bromide	0.148	0.022	0.02	0.032	BMB
4	5.47	Nitrate	0.063	0.011	0.01	0.053	BMB
5	6.90	Sulfate	239.234	87.492	96.50	1420.571	BMB
Total:			265.055	90.668	100.00	1456.397	

75 K2107729-010

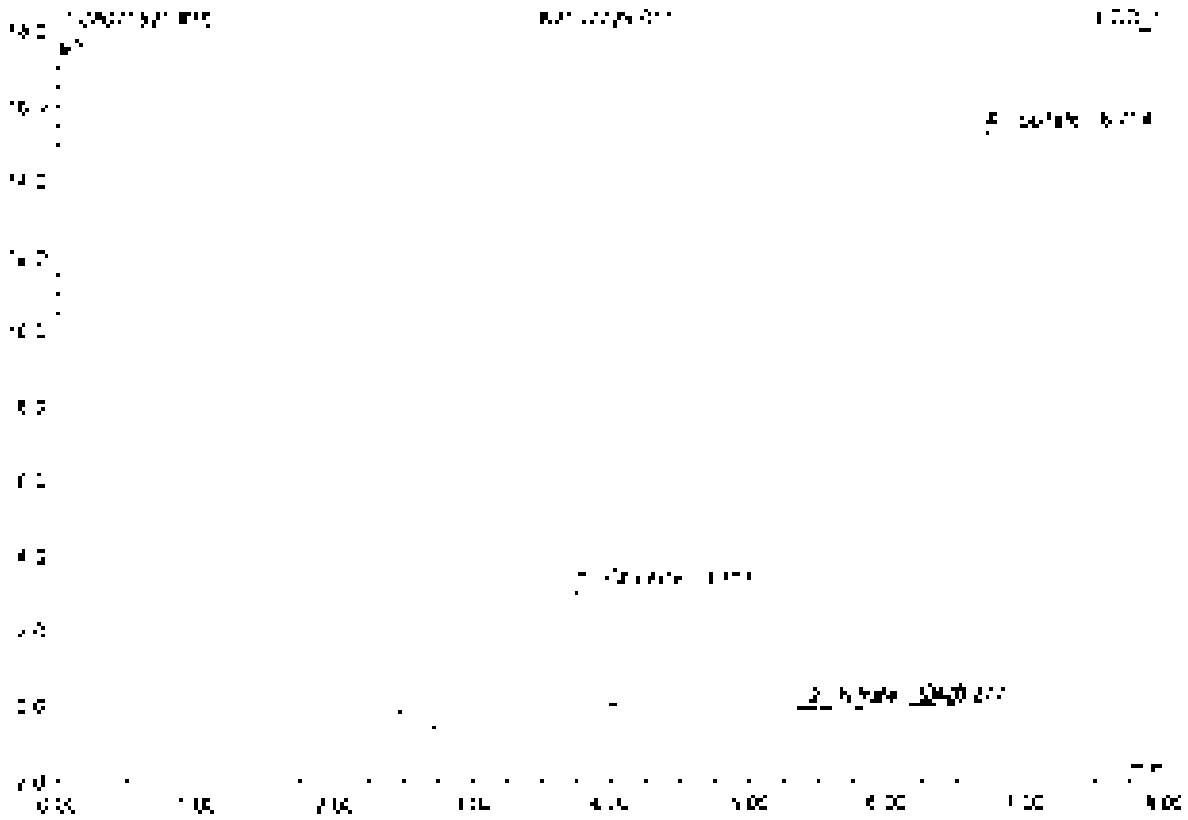
Sample Name	K2107729-010	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/16/2021 0:59	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.20	Acetate	0.178	0.111	0.10	n.a.	BV B
2	3.96	Chloride	26.004	3.052	2.68	35.213	BMB
3	4.34	Nitrite	0.148	0.033	0.03	0.041	BMU
4	5.42	Nitrate	0.131	0.096	0.09	0.120	BMB
5	5.95	Sulfate	294.768	113.542	97.18	1794.818	BMH
Total:			321.229	116.835	100.00	1830.257	

76 K2107729-011

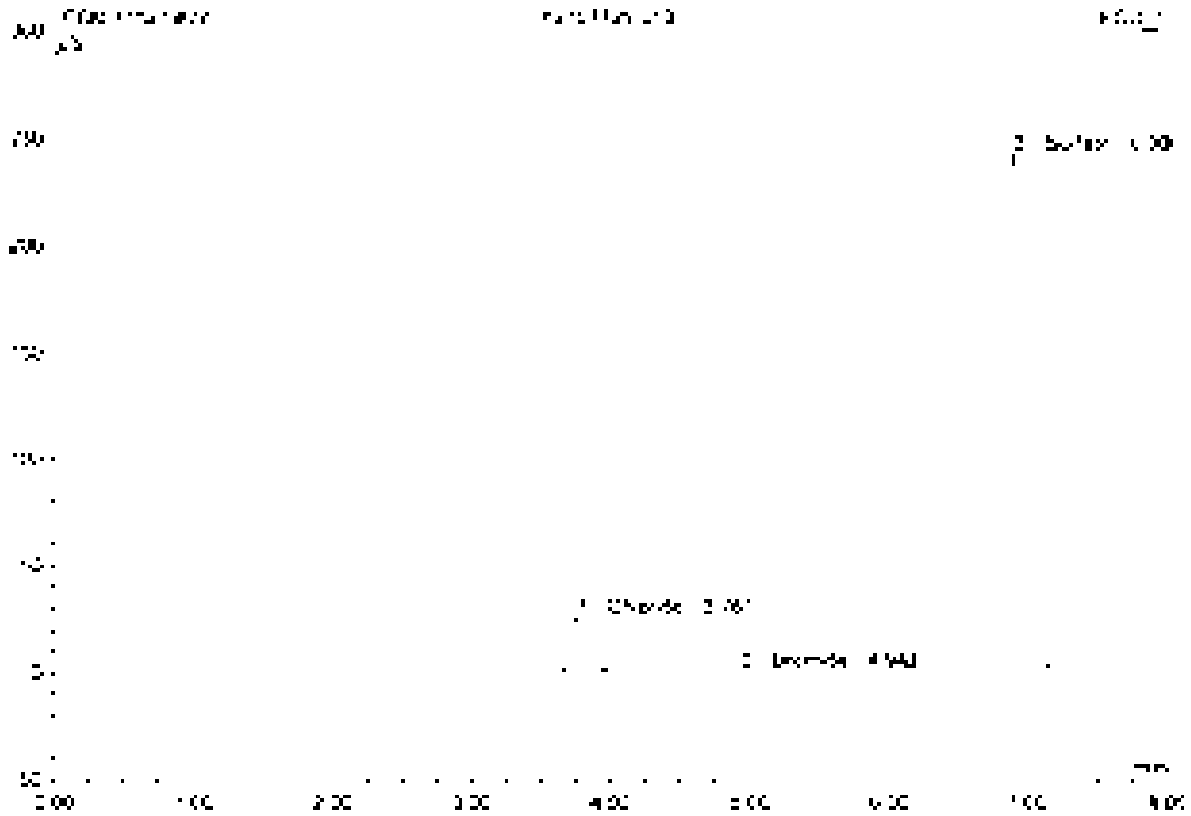
Sample Name	K2107729-011	Injection Volume	25.0
Vial Number	9	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantit. Method	apa300	Dilution Factor	2.0000
Recording Time	7/16/2021 1:09	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.70	Chloride	3.148	0.387	[illegible]	4.465	BMB
2	5.41	Nitrate	0.009	0.012	0.35	0.057	BMB
3	6.32	n.a.	0.049	0.016	0.47	n.a.	BMB
4	5.71	Sulfate	15.175	3.022	87.99	49.069	BMB
Total:			18.406	3.435	100.00	53.592	

77 K2107729-012

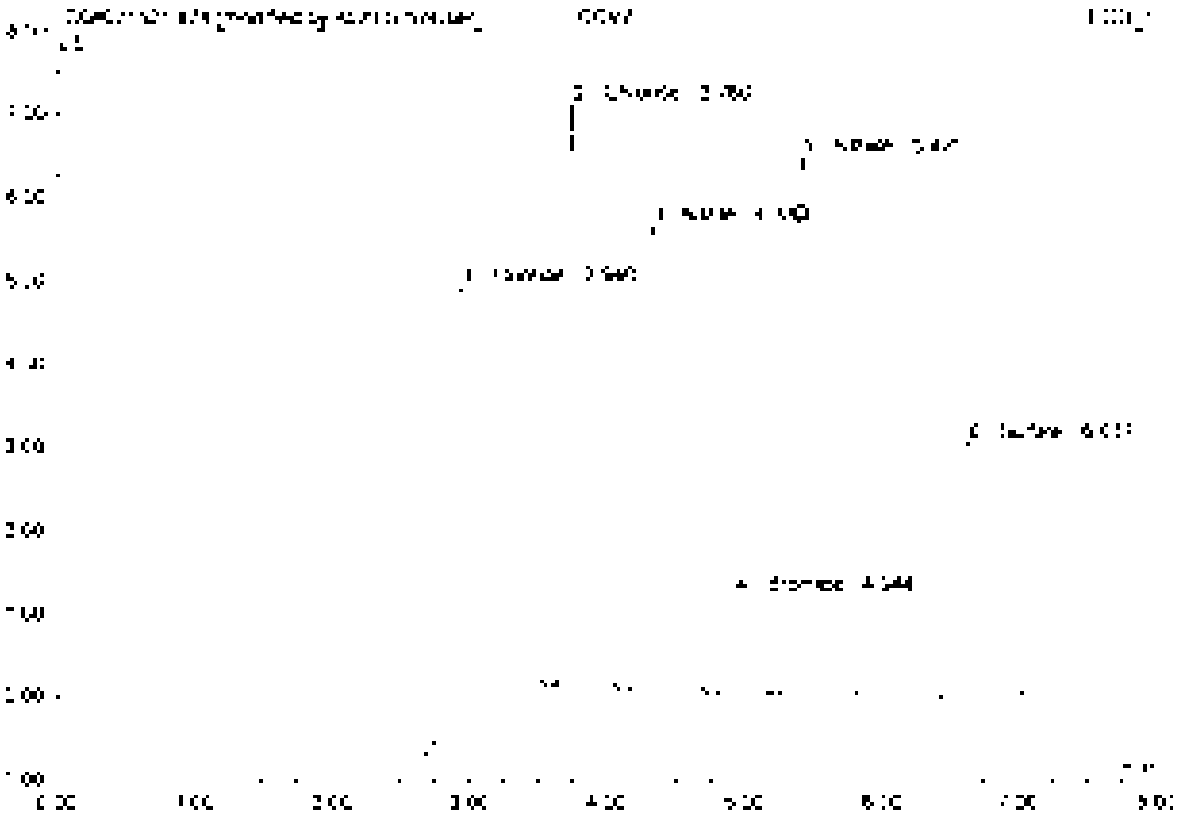
Sample Name	K2107729-012	Injection Volume	25.0
Vial Number	40	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	7/16/2021 1:19	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µV	Area µV*min	Rel.Area %	Amount	Type
1	3.76	Chloride	22 455	3.001	3.41	34.669	BMB
2	4.94	Bromide	0 142	0.002	0.02	0.613	BMB
3	6.90	Sulfate	239 806	84.882	96.56	1317.869	BMB
Total:			262 404	87.885	100.00	1412.151	

78 CCV7

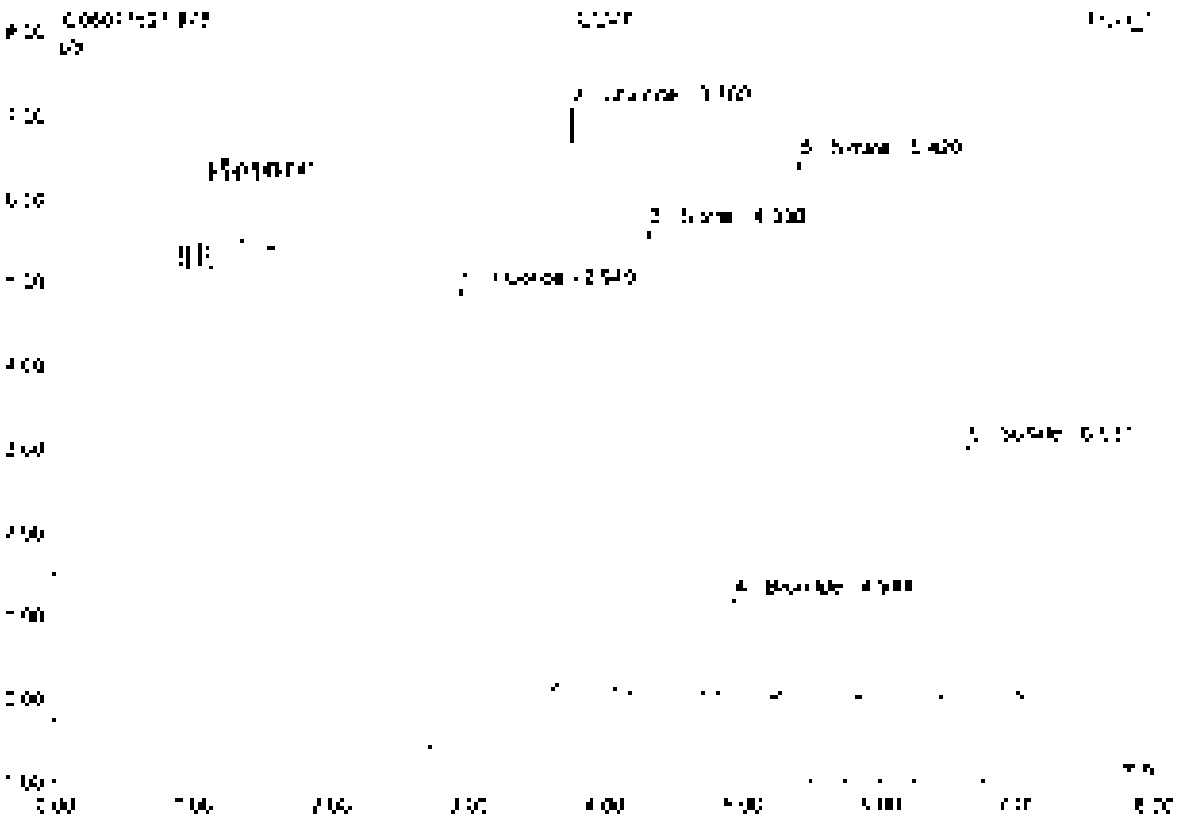
Sample Name	CCV7	Injection Volume	35.0
Vial Number	46	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/16/2021 1:39	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.94	Fluoride	5.331	1.267	25.30	5.044	BMB*
2	3.70	Chloride	6.555	0.828	16.20	4.784	BMB*
3	4.30	Nitrite	1.808	0.881	18.29	2.476	BMB
4	4.94	Bromide	1.179	0.170	3.53	2.098	BMB
5	5.42	Nitrate	6.455	1.042	21.64	2.477	BMB
6	6.64	Sulfate	2.047	0.678	13.94	5.161	BMB
Total:			23.617	4.817	100.00	22.781	

78 CCV7

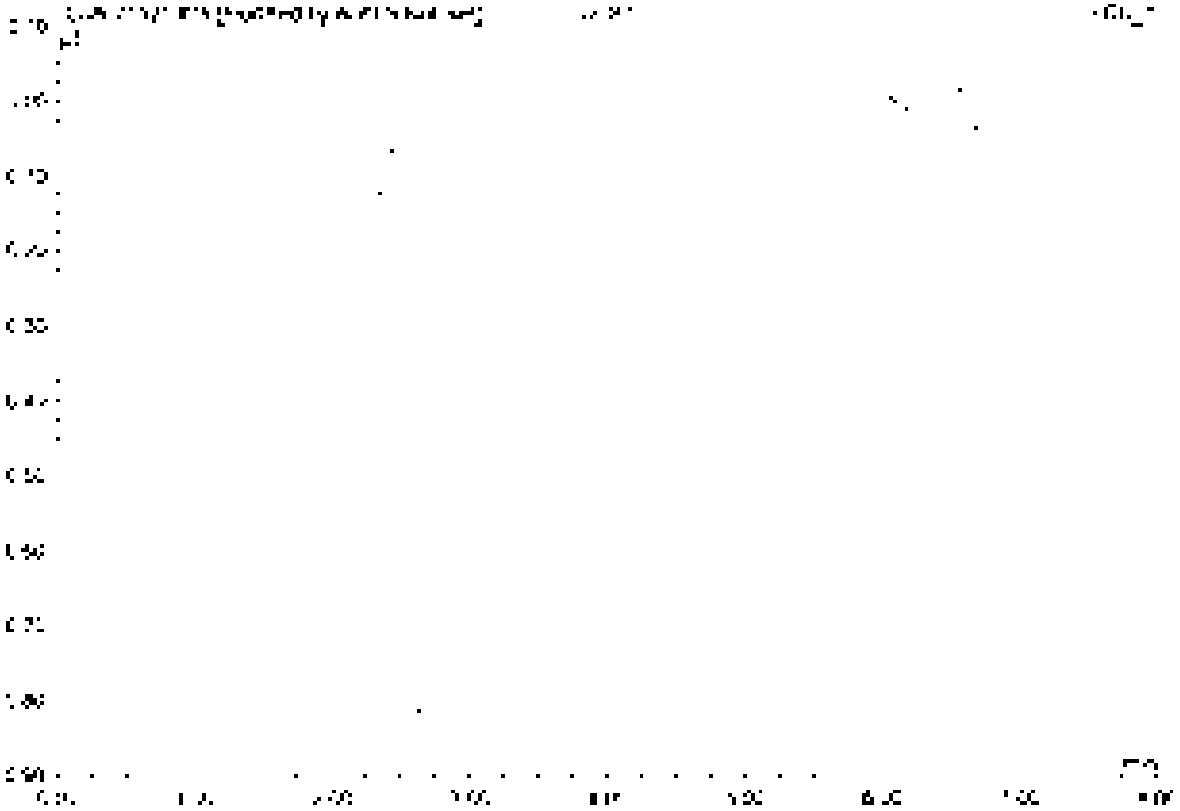
Sample Name	CCV7	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	7/16/2021 1:29	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.54	Fluoride	5.356	[illegible]	26.55	5.215	BMB
2	3.78	Chloride	6.935	0.828	17.04	4.784	BVB
3	4.33	Nitrite	5.600	0.881	18.13	2.405	BMB
4	4.94	Bromide	[illegible]	0.170	3.50	2.398	BVB
5	5.42	Nitrate	6.458	[illegible]	21.45	2.477	BVB
6	6.94	Sulfate	3.547	0.629	12.93	5.131	BVB
Total:			28.842	4.860	100.00	22.452	

79 CCB7

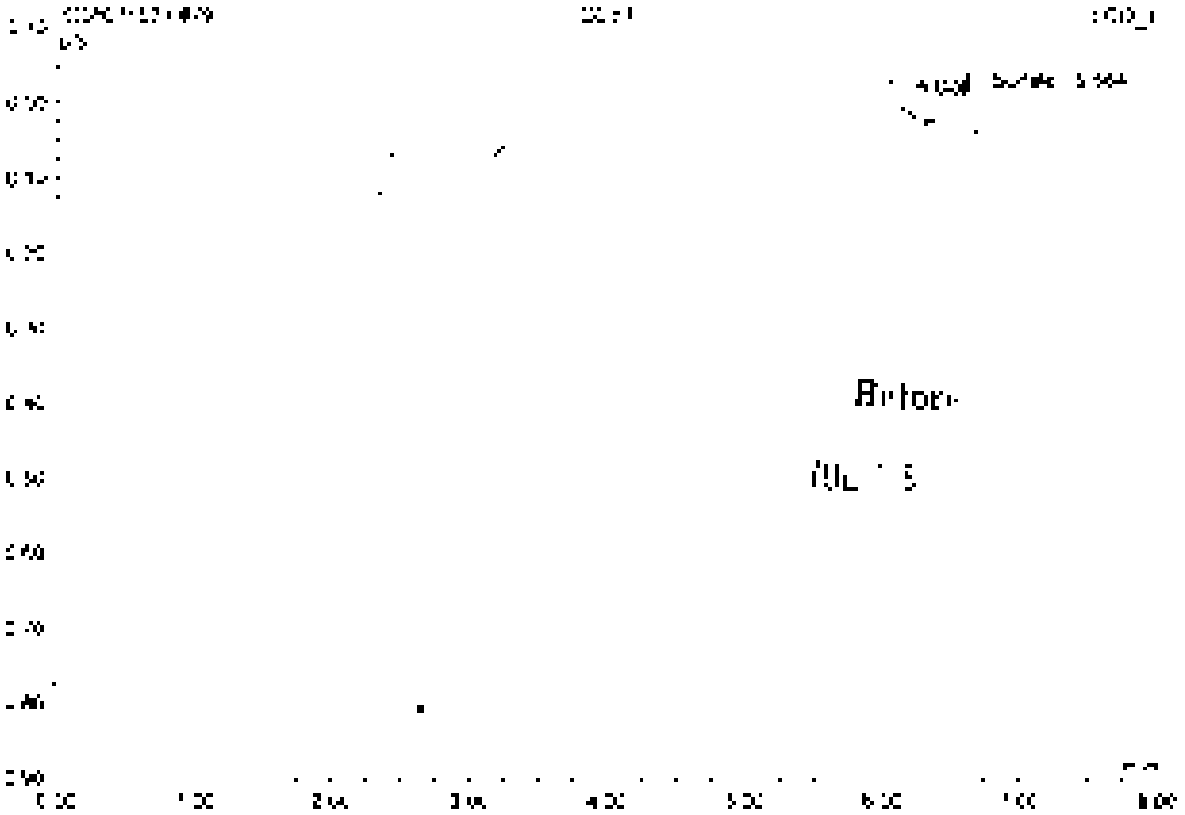
Sample Name	CCB7	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	7/1[illegible]/2021 1:39	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

79 CCB7

Sample Name	CCB7	Injection Volume	25.0
Vial Number	41	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/16/2021 1:39	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	6.02	n.a.	0.043	1.328	99.42	n.a.	BV5
2	6.56	Surrr	0.050	0.002	0.58	0.003	pMR
Total			0.093	1.330	100.00	0.003	

	Yes	No	N/A
Instruments			
1. Was the instrument tuned properly?			
2. Was the instrument calibrated properly?			
3. Were peaks manually integrated?			
a. Does DOD QuARF apply?			
4. Are calibration files labeled correctly?			
5. Are quality control criteria met?			
a. Method Blank: [illegible] Blank Supplied Solvent Blank properly?			
b. Are CCV and ICSA within acceptance limits?			
c. Are [illegible] Method Standards [illegible]?			
d. Are LCS samples within acceptance limits? (LCS and MS/MSD for Organic RPD Only)			
e. Are surrogates acceptable?			
6. Are [illegible] within acceptance limits?			

CAS Standard Operating Procedure Corrective Action Exceptions for Chromatograms

C1: Sample was analyzed beyond the holding time. See narrative for explanation.
C2: Sample was analyzed past holding time. [illegible] and [illegible] not recommended holding time.
C4: Sample was received past the recommended holding time.
H1: High RPD is due to the low sample results and was not [illegible] the method reporting limit.
I: [illegible] because of matrix interference and the sample results.
F: Sample [illegible] in graph.

ICS	ALS [illegible] GEN 02	02A	[illegible]
Fluoride	True value: [illegible] ppm	[illegible]	
Chloride	True value: [illegible] ppm	[illegible]	
Nitrite	True value: [illegible] ppm	[illegible]	
Bromide	True value: [illegible] ppm	[illegible]	
Nitrate	True value: [illegible] ppm	[illegible]	
Sulfate	True value: [illegible] ppm	[illegible]	

CCV	ALS [illegible] GEN 02	02B	[illegible]
Fluoride	True value: [illegible] ppm	[illegible]	
Chloride	True value: [illegible] ppm	[illegible]	
Nitrite	True value: [illegible] ppm	[illegible]	[illegible]
Bromide	True value: [illegible] ppm	[illegible]	
Nitrate	True value: [illegible] ppm	[illegible]	
Sulfate	True value: [illegible] ppm	[illegible]	

Spike			
ICS Spike	ALS [illegible] GEN 02	02C	[illegible]
Fluoride	[illegible]		
Chloride	[illegible]		
Nitrite	[illegible]		[illegible]
Bromide	[illegible]		
Nitrate	[illegible]		
Sulfate	[illegible]		

Potential	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	

Analyst: [illegible] Date: [illegible]

First Reviewer: [illegible] Date: [illegible]

Final Review: [illegible] Date: [illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Protocol: [illegible]

Lab Code	Target Analyte	QL	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	Dil	MDL	RQL	% Rec	% RSD	Date Analyzed	QC?	Lab
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]

[illegible]

Analytical Results Summary

Department Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Testcode: [illegible]

Lab Code	Target Analyte	Qual	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	DF	MDL	PQL	% Rec	% RSD	Date Analyzed	SK	Lab
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Reference: [illegible]

Lab Sample	Target Analytes	QC	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DL	MDL	PQL	Flags	Flags	Date Analyzed	QC?	Inc
[illegible]	[illegible]	N/A		Water	[illegible]	5 ml	[illegible]	2	[illegible]	4			[illegible]	N	N
[illegible]	[illegible]	N/A		Water	[illegible]	5 ml	[illegible]	2	[illegible]	2			[illegible]	N	N
[illegible]	[illegible]	N/A		Water	[illegible]	5 ml	[illegible]	2	[illegible]	[illegible]

Analytical Results Summary

Environmental Name: [illegible] Analyte: [illegible] Analysis Lot: [illegible] Method/Testcode: [illegible]

Lab Code	Reported Analyte	DL	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Lab
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]						[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]						[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	1

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Midland Testcode: [illegible]

Lab Code	Target Analytes	Qty	Parent Sample	Matrix	Raw Result	Sample Size	Final Result	DF	MDL	PQL	Qualifier	Qualifier	Date Analyzed	QC?	Log
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		Water	[illegible]	Soil	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Testcode: [illegible]

Lab Code	Target Analyte	Qal	Parent Sample	Matrix	Sample Wgt	Sample Vol	Final Result	Qu	MDL	RDL	% Moist	% RSD	Date Analyzed	QC	Dil
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Reference: [illegible]

Analysis	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DF	MDL	PQL	% Rec	Selected	Date Analyzed	VOC	Int
[illegible]	[illegible]	MB		Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	MB		Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	MB		Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	MB		Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	MB		Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	MB		Water	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	2	[illegible]	[illegible]		[illegible]	[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	2	[illegible]	[illegible]		[illegible]	[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	2	[illegible]	[illegible]		[illegible]	[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	2	[illegible]	[illegible]		[illegible]	[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	2	[illegible]	[illegible]		[illegible]	[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	2	[illegible]	[illegible]		[illegible]	[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	2	[illegible]	[illegible]		[illegible]	[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	4	[illegible]	[illegible]	[illegible]		[illegible]	N	N

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Template: [illegible]

Lab Code	Target Analyte	MR	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DF	MDL	PQL	Tech Spec	Tech SD	Date Analyzed	QC?	Rep
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

File
Definition [illegible]
Location [illegible]
Total Jobs [illegible]
Filter [illegible]
Created [illegible]
Last Update [illegible]

No	Name	Type	Pos	Pri	Job Program	Method	Status	Completed Time
1	[illegible]	Standard	1	25.0	epa300	epa300	Finished	[illegible]
2	[illegible]	Standard	2	25.0	epa300	epa300	Finished	[illegible]
3	[illegible]	Standard	3	25.0	epa300	epa300	Finished	[illegible]
4	[illegible]	Standard	4	25.0	epa300	epa300	Finished	[illegible]
5	[illegible]	Standard	5	25.0	epa300	epa300	Finished	[illegible]
6	[illegible]	Standard	6	25.0	epa300	epa300	Finished	[illegible]
7	[illegible]	Standard	7	25.0	epa300	epa300	Finished	[illegible]
8	[illegible]	Standard	8	25.0	epa300	epa300	Finished	[illegible]
9	[illegible]	Unknown	46	25.0	epa300	epa300	Finished	[illegible]
10	[illegible]	Unknown	47	25.0	epa300	epa300	Finished	[illegible]
11	[illegible]	Unknown	2	25.0	epa300	epa300	Finished	[illegible]
12	[illegible]	Unknown	1	25.0	epa300	epa300	Finished	[illegible]
13	[illegible]	Unknown	3	25.0	epa300	epa300	Finished	[illegible]
14	[illegible]	Unknown	4	25.0	epa300	epa300	Finished	[illegible]
15	[illegible]	Unknown	5	25.0	epa300	epa300	Finished	[illegible]
16	[illegible]	Unknown	6	25.0	epa300	epa300	Finished	[illegible]
17	[illegible]	Unknown	7	25.0	epa300	epa300	Finished	[illegible]
18	[illegible]	Unknown	8	25.0	epa300	epa300	Finished	[illegible]
19	[illegible]	Unknown	9	25.0	epa300	epa300	Finished	[illegible]
20	[illegible]	Unknown	10	25.0	epa300	epa300	Finished	[illegible]
21	[illegible]	Unknown	48	25.0	epa300	epa300	Finished	[illegible]
22	[illegible]	Unknown	49	25.0	epa300	epa300	Finished	[illegible]
23	[illegible]	Unknown	11	25.0	epa300	epa300	Finished	[illegible]
24	[illegible]	Unknown	12	25.0	epa300	epa300	Finished	[illegible]
25	[illegible]	Unknown	13	25.0	epa300	epa300	Finished	[illegible]
26	[illegible]	Unknown	14	25.0	epa300	epa300	Finished	[illegible]
27	[illegible]	Unknown	15	25.0	epa300	epa300	Finished	[illegible]
28	[illegible]	Unknown	16	25.0	epa300	epa300	Finished	[illegible]
29	[illegible]	Unknown	17	25.0	epa300	epa300	Finished	[illegible]
30	[illegible]	Unknown	18	25.0	epa300	epa300	Finished	[illegible]
31	[illegible]	Unknown	19	25.0	epa300	epa300	Finished	[illegible]
32	[illegible]	Unknown	20	25.0	epa300	epa300	Finished	[illegible]
33	[illegible]	Unknown	48	25.0	epa300	epa300	Finished	[illegible]
34	[illegible]	Unknown	49	25.0	epa300	epa300	Finished	[illegible]
35	[illegible]	Unknown	21	25.0	epa300	epa300	Finished	[illegible]
36	[illegible]	Unknown	22	25.0	epa300	epa300	Finished	[illegible]
37	[illegible]	Unknown	23	25.0	epa300	epa300	Finished	[illegible]
38	[illegible]	Unknown	24	25.0	epa300	epa300	Finished	[illegible]
39	[illegible]	Unknown	25	25.0	epa300	epa300	Finished	[illegible]
40	[illegible]	Unknown	26	25.0	epa300	epa300	Finished	[illegible]
41	[illegible]	Unknown	27	25.0	epa300	epa300	Finished	[illegible]
42	[illegible]	Unknown	28	25.0	epa300	epa300	Finished	[illegible]

Copyright © Dionex Corporation. Version [illegible]

Title:
Database: [illegible]
Location: [illegible]
Timebase: [illegible]
Interpol: [illegible]
Created: [illegible] by ALICE Solution
Last Update: [illegible] by ALICE Solution

No.	Name	Factor	Comment
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3	[illegible]	[illegible]	
4	[illegible]	[illegible]	
5	[illegible]	[illegible]	
6	[illegible]	[illegible]	
7	[illegible]	[illegible]	
8	[illegible]	[illegible]	
9	[illegible]	[illegible]	
10	[illegible]	[illegible]	
11	[illegible]	[illegible]	
12	[illegible]	[illegible]	
13	[illegible]	20.0000	
14	[illegible]	20.0000	
15	[illegible]	40.0000	
16	[illegible]	40.0000	
17	[illegible]	100.0000	
18	[illegible]	10.0000	
19	[illegible]	200.0000	
20	[illegible]	10.0000	
21	[illegible]	[illegible]	
22	[illegible]	[illegible]	
23	[illegible]	100.0000	
24	[illegible]	[illegible]	
25	[illegible]	[illegible]	
26	[illegible]	200.0000	
27	[illegible]	[illegible]	
28	[illegible]	[illegible]	
29	[illegible]	[illegible]	
30	[illegible]	200.0000	
31	[illegible]	[illegible]	
32	[illegible]	400.0000	
33	[illegible]	[illegible]	
34	[illegible]	[illegible]	
35	[illegible]	[illegible]	
36	[illegible]	[illegible]	
37	[illegible]	200.0000	
38	[illegible]	2.0000	
39	[illegible]	2.0000	
40	[illegible]	4.0000	
41	[illegible]	4.0000	
42	[illegible]	2.0000	

Copyright © Dionex Corporation, Version [illegible], Build [illegible]

File
Database [illegible]
Location [illegible]
Timeline [illegible]
Description [illegible]

Created [illegible] AM by ALBERS Nathan
Last update [illegible] PM by ALBERS Nathan

No.	Name	Type	Size	% Wt	Program	Machine	Status	Start/End
43	[illegible]	Unknown	34	25.0	epa300	epa300	Finished	[illegible]
44	[illegible]	Unknown	30	25.0	epa300	epa300	Finished	[illegible]
45	[illegible]	Unknown	36	25.0	epa300	epa300	Finished	[illegible]
46	[illegible]	Unknown	21	25.0	epa300	epa300	Finished	[illegible]
47	[illegible]	Unknown	17	25.0	epa300	epa300	Finished	[illegible]
48	[illegible]	Unknown	18	25.0	epa300	epa300	Finished	[illegible]
49	[illegible]	Unknown	19	25.0	epa300	epa300	Finished	[illegible]
50	[illegible]	Unknown	20	25.0	epa300	epa300	Finished	[illegible]
51	[illegible]	Unknown	21	25.0	epa300	epa300	Finished	[illegible]
52	[illegible]	Unknown	22	25.0	epa300	epa300	Finished	[illegible]
53	[illegible]	Unknown	23	25.0	epa300	epa300	Finished	[illegible]
54	[illegible]	Unknown	1	25.0	epa300	epa300	Finished	[illegible]
55	[illegible]	Unknown	1	25.0	epa300	epa300	Finished	[illegible]
56	[illegible]	Unknown	24	25.0	epa300	epa300	Finished	[illegible]
57	[illegible]	Unknown	48	25.0	epa300	epa300	Finished	[illegible]
58	[illegible]	Unknown	47	25.0	epa300	epa300	Finished	[illegible]
59	[illegible]	Unknown	25	25.0	epa300	epa300	Finished	[illegible]
60	[illegible]	Unknown	31	25.0	epa300	epa300	Finished	[illegible]
61	[illegible]	Unknown	32	25.0	epa300	epa300	Finished	[illegible]
62	[illegible]	Unknown	33	25.0	epa300	epa300	Finished	[illegible]
63	[illegible]	Unknown	34	25.0	epa300	epa300	Finished	[illegible]
64	[illegible]	Unknown	35	25.0	epa300	epa300	Finished	[illegible]
65	[illegible]	Unknown	36	25.0	epa300	epa300	Finished	[illegible]
66	[illegible]	Unknown	37	25.0	epa300	epa300	Finished	[illegible]
67	[illegible]	Unknown	38	25.0	epa300	epa300	Finished	[illegible]
68	[illegible]	Unknown	39	25.0	epa300	epa300	Finished	[illegible]
69	[illegible]	Unknown	40	25.0	epa300	epa300	Finished	[illegible]
70	[illegible]	Unknown	41	25.0	epa300	epa300	Finished	[illegible]
71	[illegible]	Unknown	42	25.0	epa300	epa300	Finished	[illegible]
72	[illegible]	Unknown	43	25.0	epa300	epa300	Finished	[illegible]
73	[illegible]	Unknown	44	25.0	epa300	epa300	Finished	[illegible]
74	[illegible]	Unknown	45	25.0	epa300	epa300	Finished	[illegible]
75	[illegible]	Unknown	46	25.0	epa300	epa300	Finished	[illegible]
76	[illegible]	Unknown	47	25.0	epa300	epa300	Finished	[illegible]
77	[illegible]	Unknown	48	25.0	epa300	epa300	Finished	[illegible]
78	[illegible]	Unknown	49	25.0	epa300	epa300	Finished	[illegible]
79	[illegible]	Unknown	50	25.0	epa300	epa300	Finished	[illegible]
80	[illegible]	Unknown	3	25.0	epa300	epa300	Finished	[illegible]
81	[illegible]	Unknown	4	25.0	epa300	epa300	Finished	[illegible]
82	[illegible]	Unknown	5	25.0	epa300	epa300	Finished	[illegible]
83	[illegible]	Unknown	48	25.0	epa300	epa300	Finished	[illegible]
84	[illegible]	Unknown	49	25.0	epa300	epa300	Finished	[illegible]
85	[illegible]	Unknown	6	25.0	epa300	epa300	Finished	[illegible]
86	[illegible]	Unknown	7	25.0	epa300	epa300	Finished	[illegible]

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File
Database: [illegible]
Location: [illegible]
Timestamp: [illegible]
Notes: [illegible]
Created: [illegible]
Last Modified: [illegible]

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51	[illegible]		2.0000	
52	[illegible]		2.0000	
53	[illegible]		2.0000	
54	[illegible]		1.0000	
55	[illegible]		1.0000	
56	[illegible]		2.0000	
57	[illegible]		1.0000	
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67	[illegible]		2.0000	
68	[illegible]		2.0000	
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70	[illegible]		1.0000	
71	[illegible]		2.0000	
72	[illegible]		2.0000	
73	[illegible]		2.0000	
74	[illegible]		2.0000	
75	[illegible]		4.0000	
76	[illegible]		4.0000	
77	[illegible]		2.0000	
78	[illegible]		2.0000	
79	[illegible]		2.0000	
80	[illegible]		1.0000	
81	[illegible]		1.0000	
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Title
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Location [illegible]
Timestamp [illegible] Created [illegible]
Filename [illegible] Last Updated [illegible]

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Type
Distinguished [illegible]
Location [illegible]
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Created [illegible]
Expires [illegible]
Last Update [illegible]

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93	[illegible]		[illegible]	
94	[illegible]		[illegible]	
95	[illegible]		[illegible]	
96	[illegible]		[illegible]	
97	[illegible]		[illegible]	
98	[illegible]		[illegible]	
99	[illegible]		[illegible]	

Copyright © [illegible] Corporation. Version [illegible]

Service Received	Client/Notes/Tier	Anion	1st Cal	2nd Cal	Reviewing	Done
		F Cl NO2 Br NO3 PO4				✓
		Cl NO2 Br NO3 PO4				✓
		F Cl NO2 Br NO3 PO4				✓
		F Cl NO2 Br NO3 PO4				✓
		F Cl NO2 Br NO3 PO4				✓
		F Cl NO2 Br NO3 PO4				✓
		F Cl NO2 Br NO3 PO4				✓
		F Cl NO2 Br NO3 PO4				✓
		F Cl NO2 Br NO3 PO4				✓
		F Cl NO2 Br NO3 PO4				✓

Sample Received	Client/Notes/Tier	Anion	1st Dil	2nd Dil	Recovery	Done
		Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				

Sequence

Service Required	Chemicals/Tests	Anion	1st Det	2nd Det	Recovery	Done
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 PO4				

H:\WLT\ANALYSIS\DIONCHROM\DCIC chart.doc

Specimen Number	Chem/Material/Tier	Anion	1st Ctr	2nd Ctr	Recovery	Comp
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				

Sample Designation	Sample/Method/Time	Anion	Initial	Spiked	Recovery	Comments
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				

ALS ENVIRONMENTAL, INC.

Ion Chromatography Calibration Data

Sequence: IC [illegible]

Date: [illegible]

Mean	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Corr.Coeff	Slope	Residuals
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9972	0.2511	
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9302	0.1731	
NO2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9674	0.3559	
Br	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.99	0.0709	
NO3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9291	0.4207	
SO4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9937	0.1232	
[illegible]									99.9679	0.1744	

[illegible]

Zero point not calibrated.

No	Peak Name	Cal.Type	# Points	Rel.Std.Dev. %	Corr.Coeff %	Offset	Slope	Curve
1	Fluoride	Lin	8	0.6159	99.9972	0	0.2511	0
2	Chloride	Lin	8	1.1385	99.9302	0	0.1731	0
3	Nitrite	Lin	8	2.1303	99.9674	0	0.3559	0
4	Bromide	Lin	8	1.1721	99.99	0	0.0709	0
5	Nitrate	Lin	8	3.1484	99.9291	0	0.4207	0
6	Sulfate	Lin	8	0.9231	99.9937	0	0.1232	0
Average:			6	1.8575	99.9679	0	0.1744	0

0.5mL		1.0mL	50.0mL Fixed
[illegible]	50ppm	[illegible]	[illegible]

[illegible]

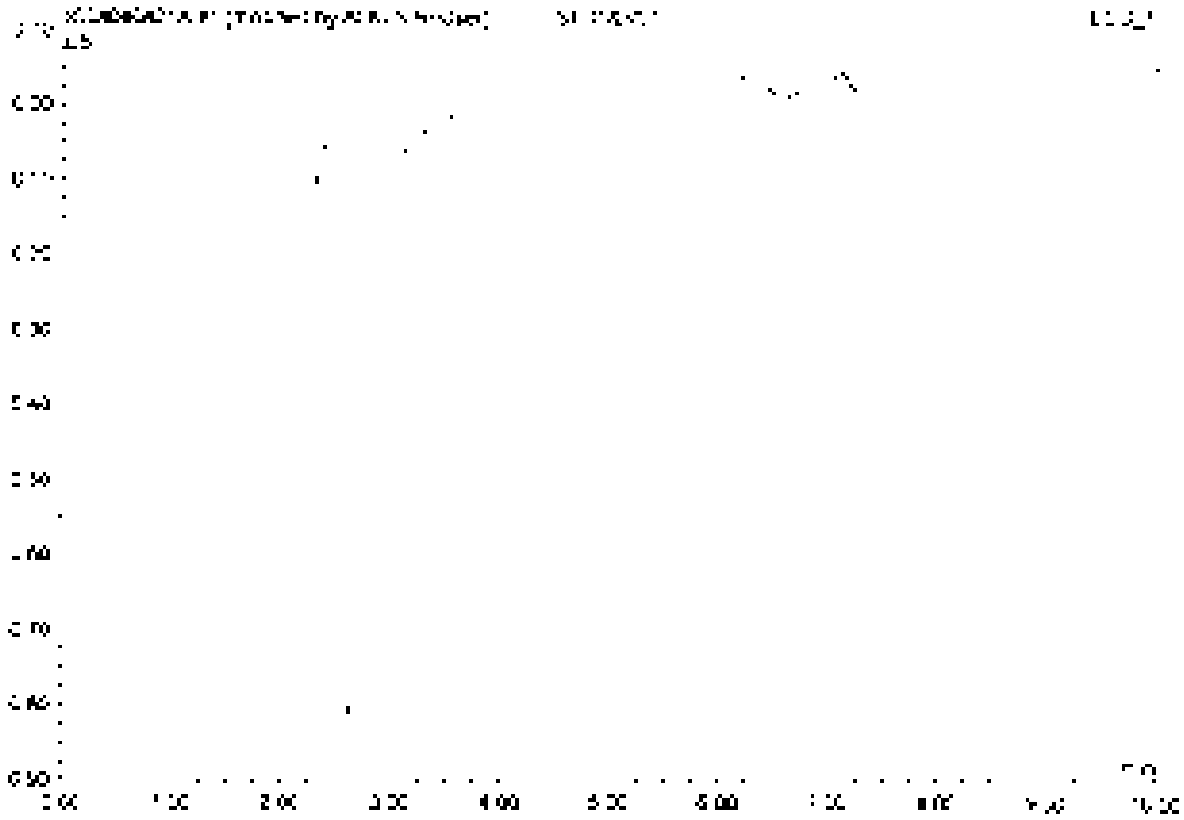
	STD2	STD3	STD4	STD5	STD6	STD7	STD8	STD9
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SO4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Br	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

21-GENERAL 16 MAY 21-GENERAL-02-1 A B C D E F G

1 STD1/LVL1

DI

Sample Name	STD1/LVL1	Injection Volume	25.0
Vial Number	1	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quantit. Method	spa300	Dilution Factor	1.0000
Processing Time	[illegible]/2021 13:04	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

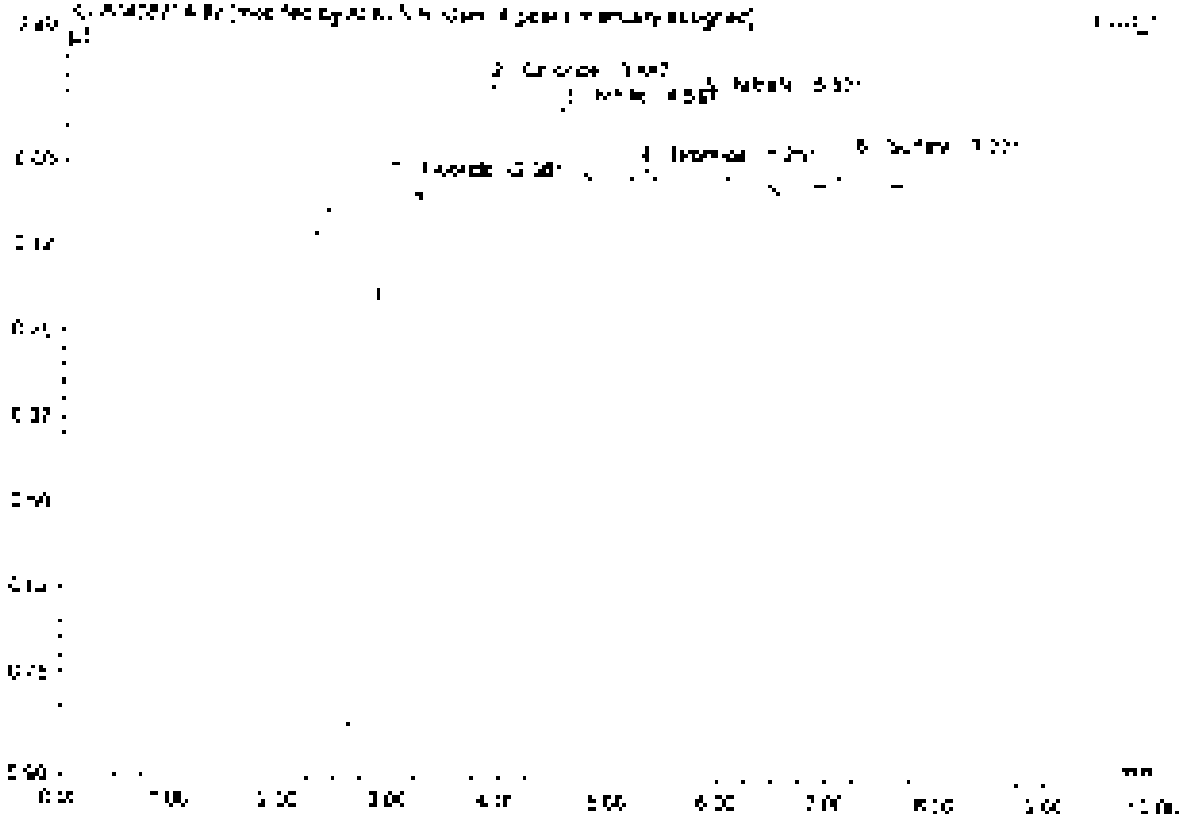


No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

2 STD2/LVL2

21-GEN-02-17A

Sample Name	STD2/LVL2	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 13:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

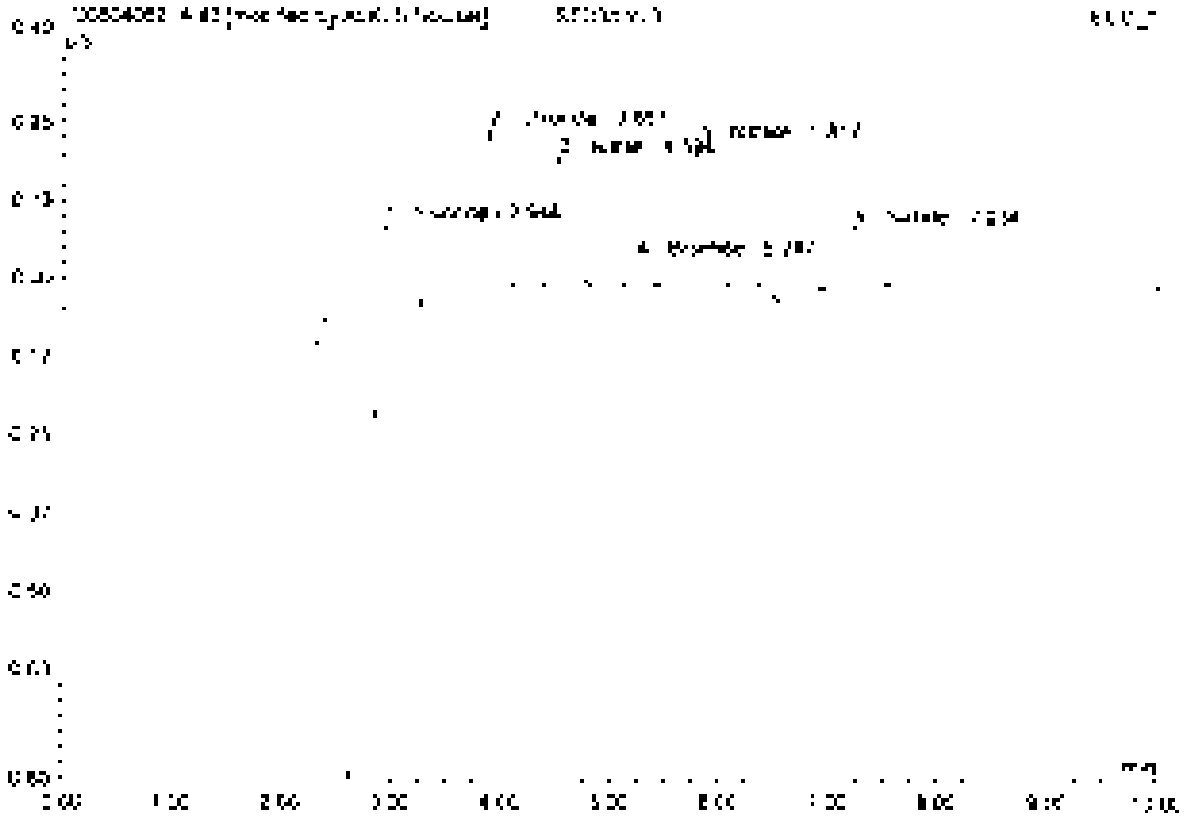


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.90	Fluoride	0.'37	0.027	27.45	0.'07	BMB''
2	3.89	Chloride	0.'39	0.012	17.40	0.058	BV3'
3	4.54	Nitrite	0.'34	0.016	16.'4	0.044	BVB'
4	5.25	Bromide	0.024	0.004	3.01	0.050	BMB''
5	5.82	Nitrate	0.125	0.02'	2'.27	0.049	BVB''
6	7.22	Sulfate	0.045	0.074	'8.14	0.112	BVB''
Total:			0.'70	0.058	'00.00	0.460	

3 STD3/LVL3

21-GEN-02-17B

Sample Name	STD3/LVL3	Injection Volume	25.0
Vial Number	3	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Method Marked	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 15:27	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

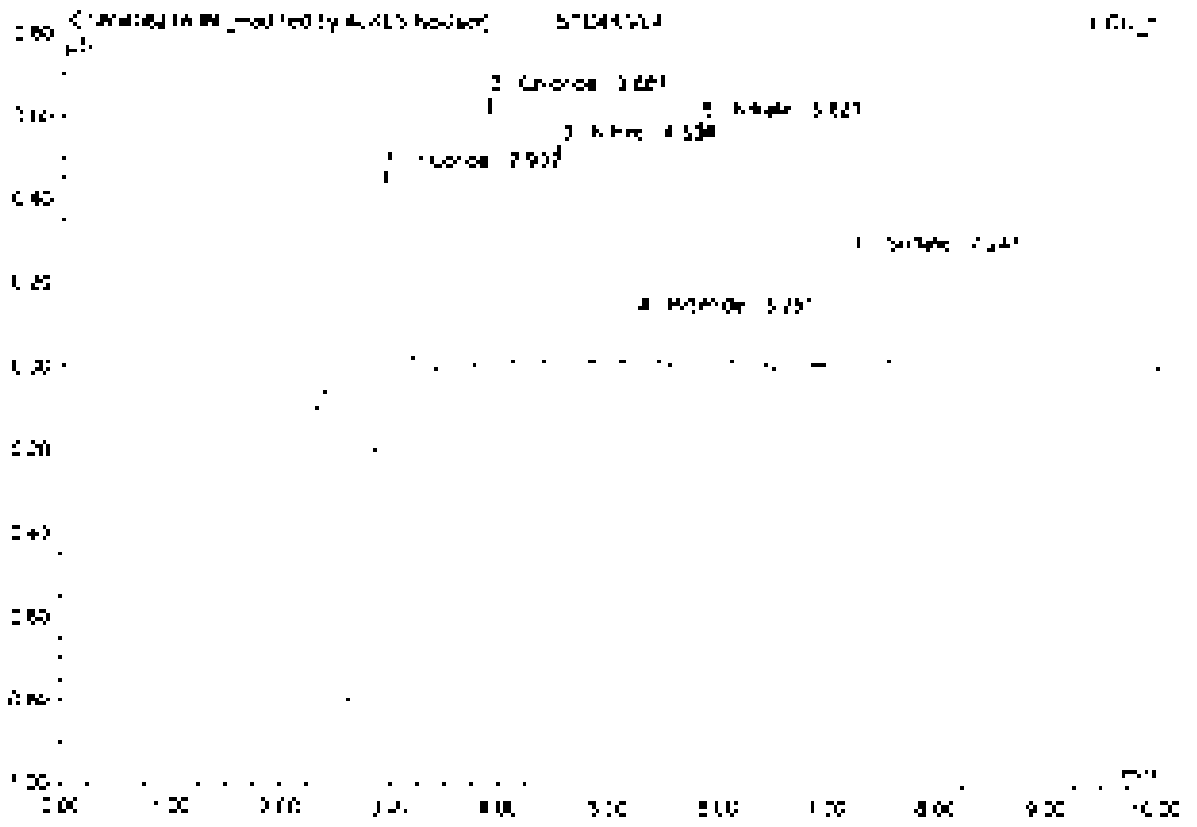


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	0.271	0.052	33.09	0.236	BMB*
2	3.89	Chloride	0.268	0.031	17.10	0.182	BMB*
3	4.53	Nitrite	0.234	0.031	16.58	0.088	BMB*
4	5.25	Bromide	0.244	0.007	3.57	0.093	BMB
5	5.92	Nitrate	0.231	0.038	20.66	0.090	BMB*
6	7.23	Sulfate	0.294	0.025	13.60	0.233	BMB*
Total:			1.137	0.184	100.00	0.862	

4 STD4/LVL4

21-GEN-02-17C

Sample Name	STD4/LVL4	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 13:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

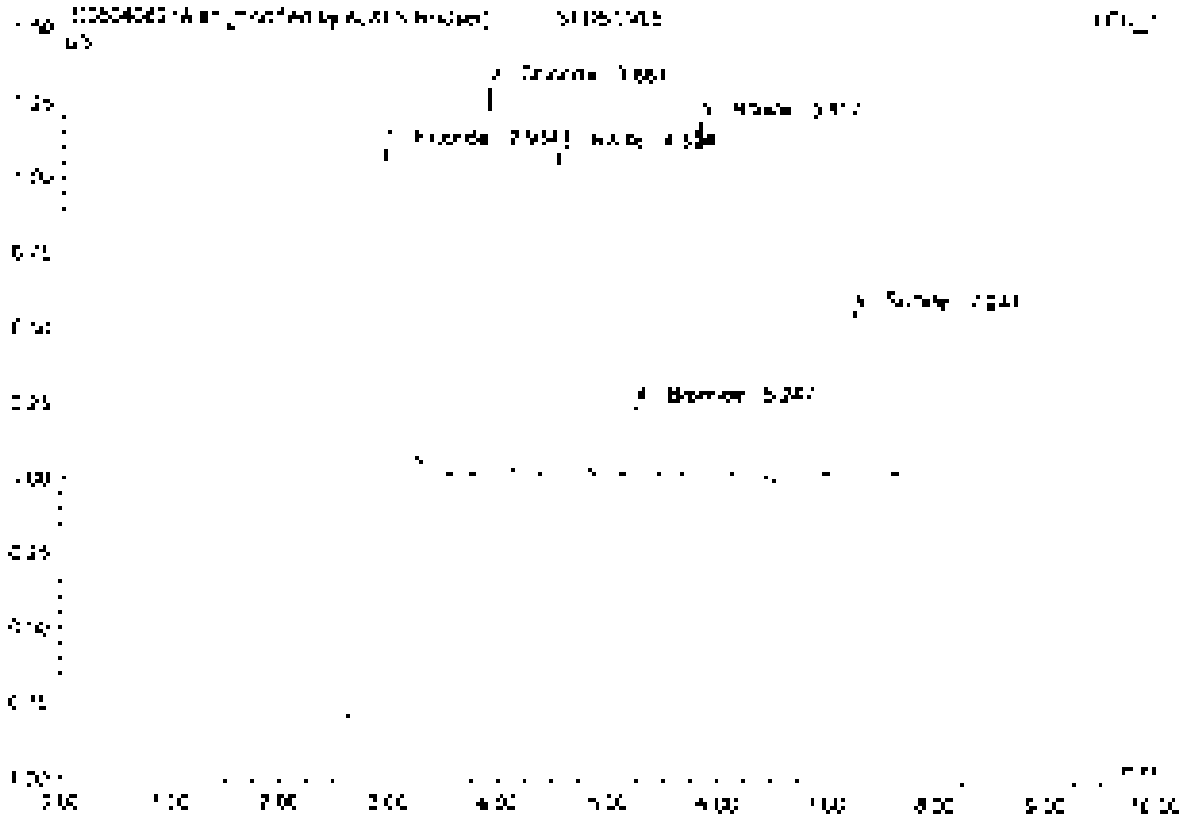


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	0.544	0.127	27.45	0.507	BV B*
2	3.59	Chloride	0.648	0.079	16.94	0.454	BV B*
3	4.53	Nitrite	0.508	0.083	17.82	0.233	BV B*
4	5.25	Bromide	0.115	0.017	3.75	0.246	BV B
5	5.82	Nitrate	0.535	0.097	20.84	0.232	BV B*
6	7.34	Sulfate	0.264	0.061	13.19	0.437	BV B
Total:			2.764	0.464	100.00	2.167	

5 STD5/LVL5

21-GEN-02-17D

Sample Name	STD5/LVL5	Injection Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	4/8/2021 13:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

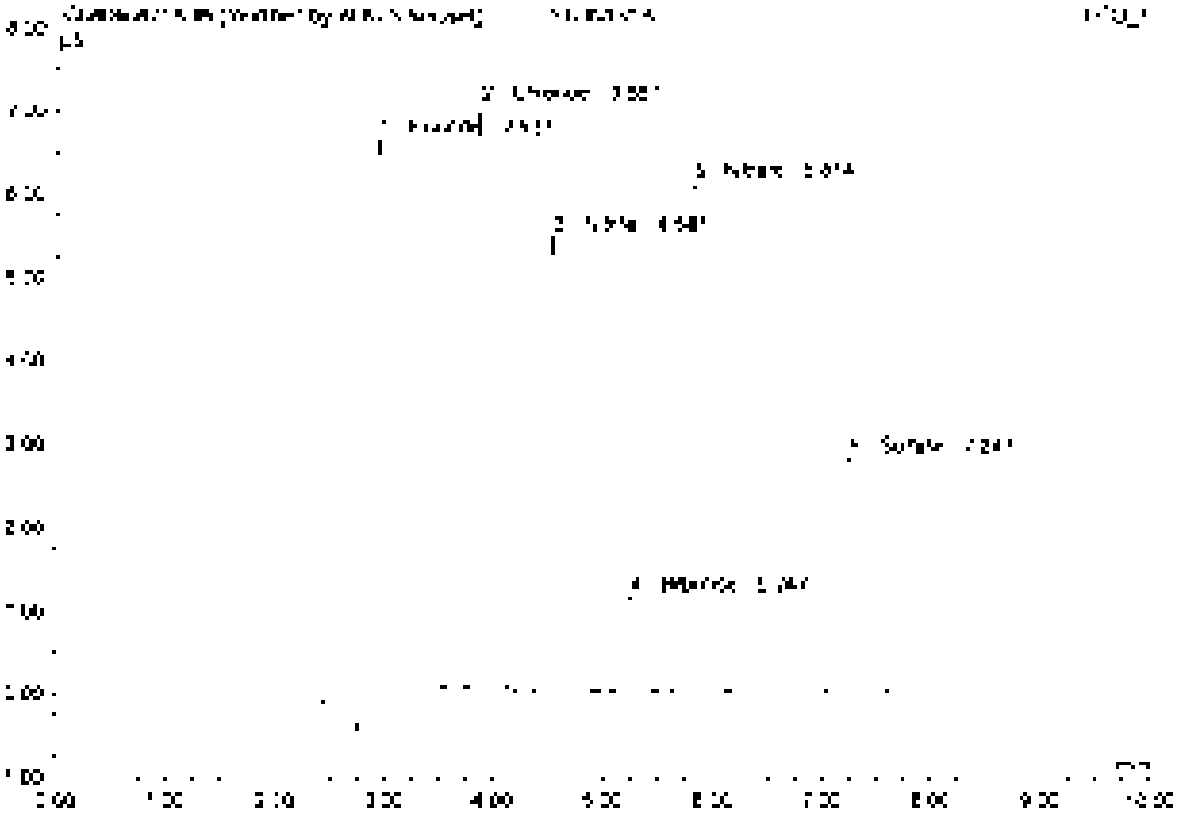


No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.93	Fluoride	1.288	0.250	27.38	1.018	BMB*
2	3.85	Chloride	1.290	0.157	16.85	0.909	BMB*
3	4.50	Nitrite	1.074	0.167	17.59	0.465	BMB*
4	5.25	Bromide	0.232	0.035	3.74	0.452	BMB
5	5.82	Nitrate	1.180	0.196	20.98	0.464	BMB*
6	7.24	Sulfate	0.542	0.132	13.16	0.957	BMB*
Total			5.616	0.933	100.00	4.265	

6 STD6/LVL6

21-GEN-02-17E

Sample Name	STD6/LVL6	Injection Volume	25.0
Vial Number	6	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	4/8/2021 11:47	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

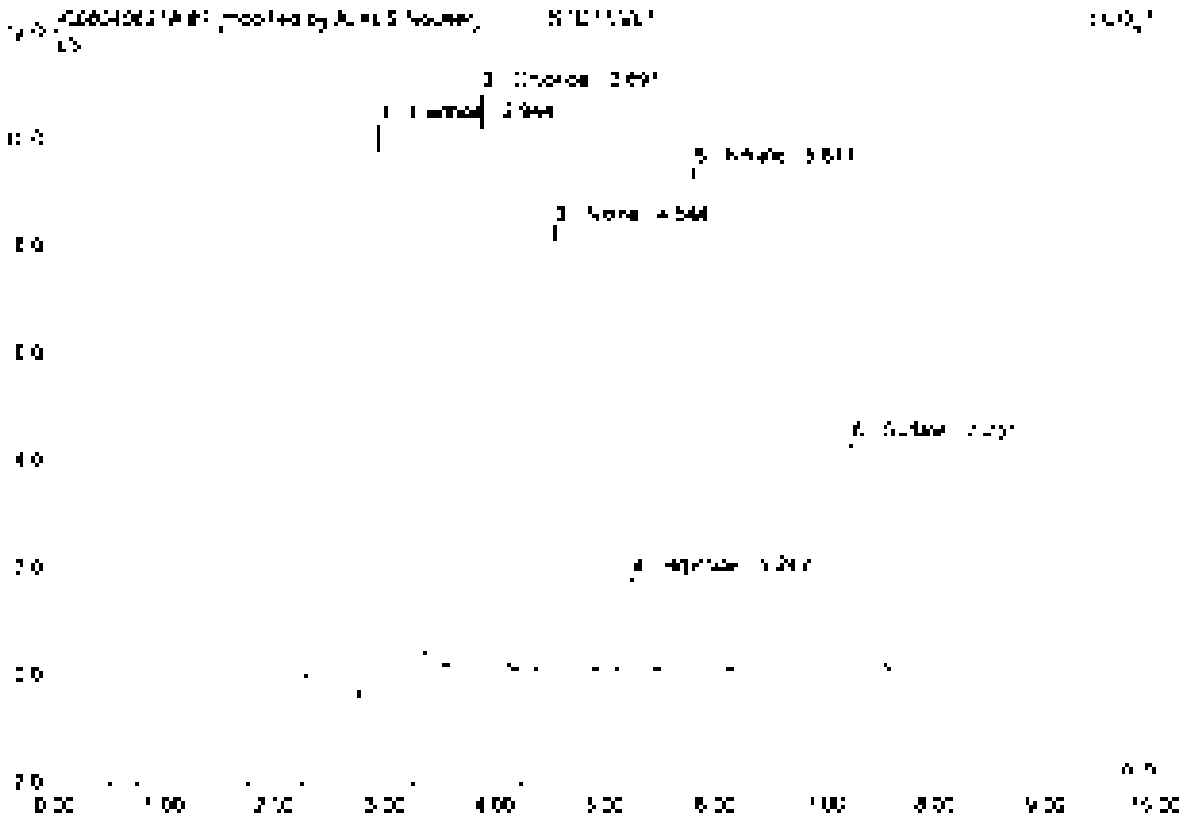


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	6.988	1.262	26.41	5.027	UVB*
2	3.80	Chloride	7.025	0.841	17.60	4.059	BV R*
3	4.54	Nitrite	5.492	0.871	18.23	2.449	BV B*
4	5.25	Bromide	1.157	0.175	3.67	2.475	BMB
5	5.81	Nitrate	6.130	1.015	21.23	2.412	BV B*
6	7.25	Sulfate	7.832	0.874	12.85	4.984	BV B*
Total:			29.526	4.779	100.00	22.207	

7 STD7/LVL7

21-GEN-02-17F

Sample Name	STD7/LVL7	Injection Volume	25.0
Vial Number	7	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	4/6/2021 14:13	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

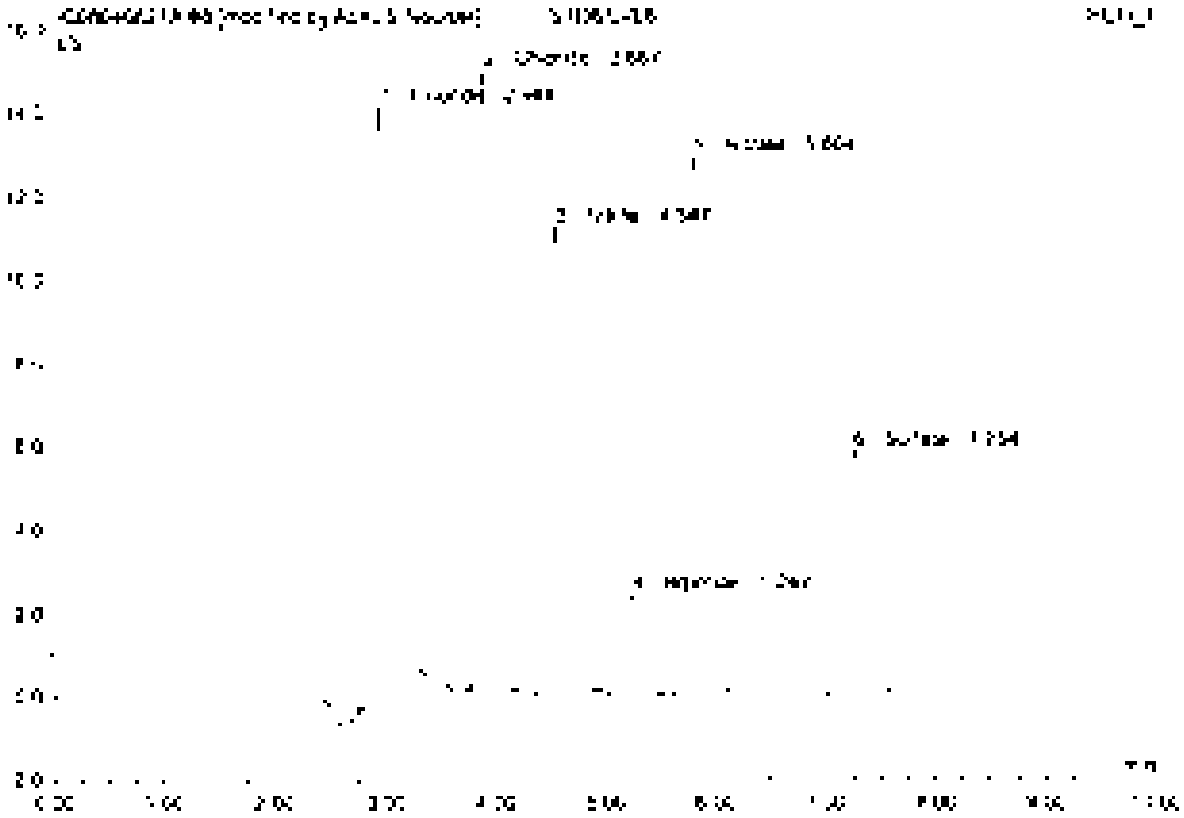


No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	10.559	1.874	25.97	7.462	BMB*
2	3.89	Chloride	10.772	1.279	17.73	7.350	BMB*
3	4.56	Nitrite	8.302	1.323	18.33	[illegible]	BMB*
4	5.25	Bromide	7.750	0.264	3.66	3.724	BMB
5	5.81	Nitrate	9.416	1.560	21.61	3.708	BV R*
6	7.25	Sulfate	4.281	0.917	12.70	7.443	BMB
Total:			45.099	7.217	100.00	33.445	

8 STD8/LVL8

21-GEN-02-17G

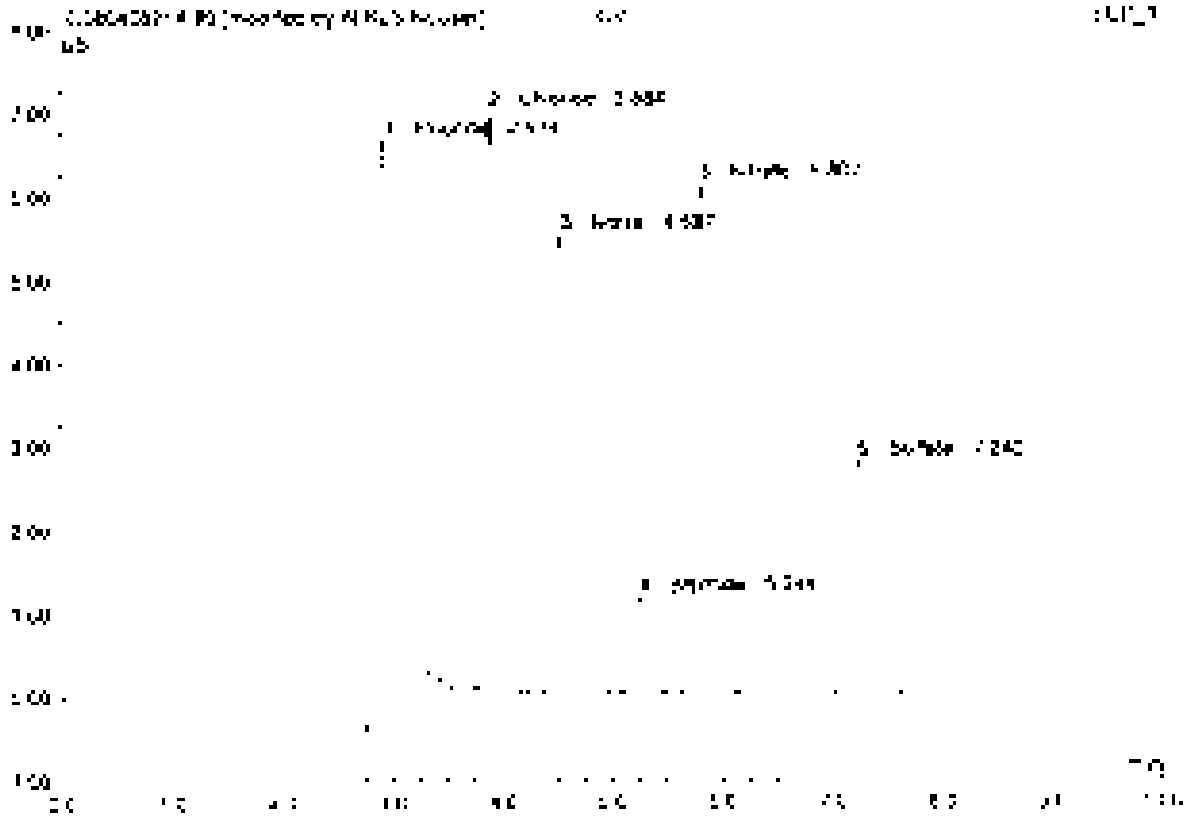
Sample Name	STD8/LVL8	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Processing Time	4/8/2021 14:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	14.402	2.514	25.54	10.012	BMB*
2	3.85	Chloride	14.910	1.760	17.85	10.165	BMB*
3	4.55	Nitrite	11.205	1.795	18.24	5.050	BMB*
4	5.25	Bromide	2.376	0.357	3.64	5.000	BMB
5	5.80	Nitrate	12.809	2.127	21.60	5.030	BMB*
6	7.25	Sulfate	5.817	1.238	12.63	10.030	BMB
Total:			61.613	9.805	100.00	45.355	

9 ICV

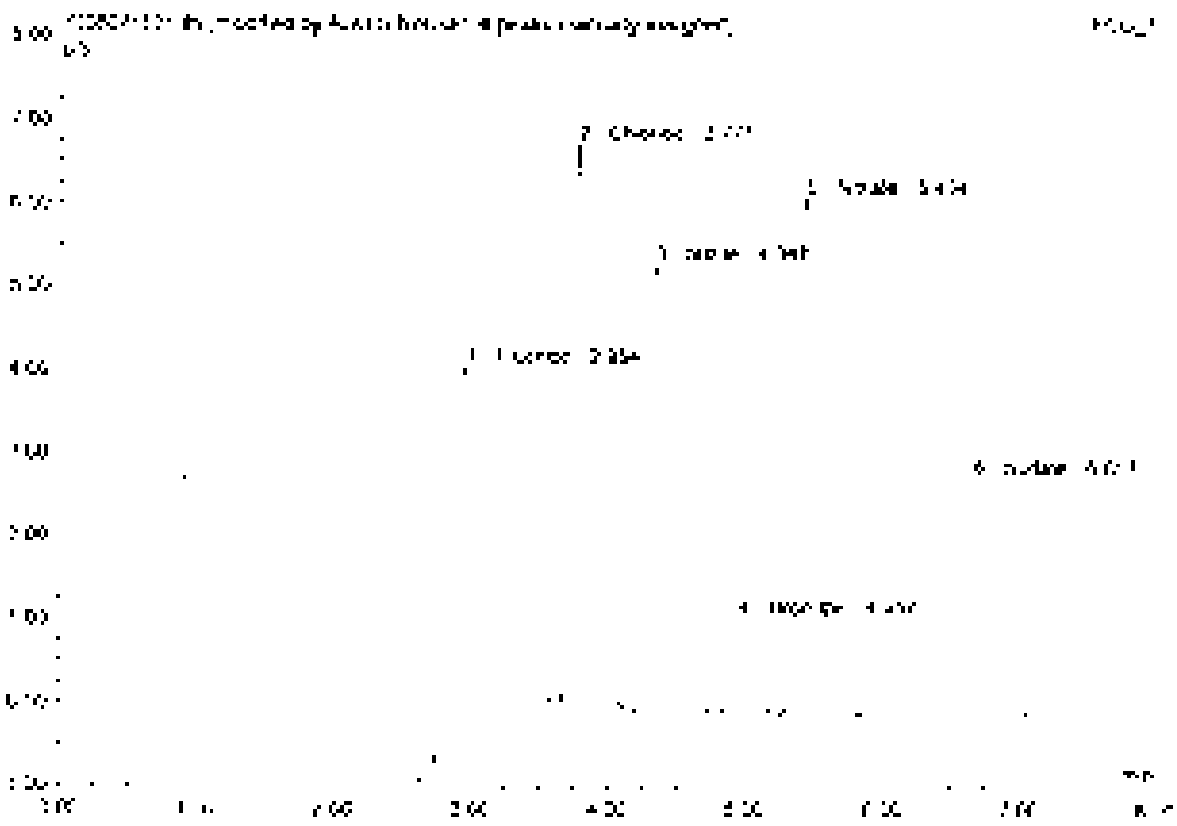
Sample Name	ICV	Injection Volume	25.0
Vial Number	9	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Processing Time	4/8/2021 14:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.93	Fluoride	6.973	[illegible]	26.46	[illegible]	BMB'
2	3.88	Chloride	6.952	0.834	37.55	4.815	BMB
3	4.54	Nitrite	5.496	0.809	18.29	2.442	BMB
4	5.24	Bromide	[illegible]	0.172	3.88	2.451	BMB
5	5.81	Nitrate	6.124	[illegible]	21.33	2.409	BMB
6	7.24	Sulfate	2.750	0.503	12.69	4.835	BMB
Total:			29.500	4.750	100.00	22.326	

9 CCV1

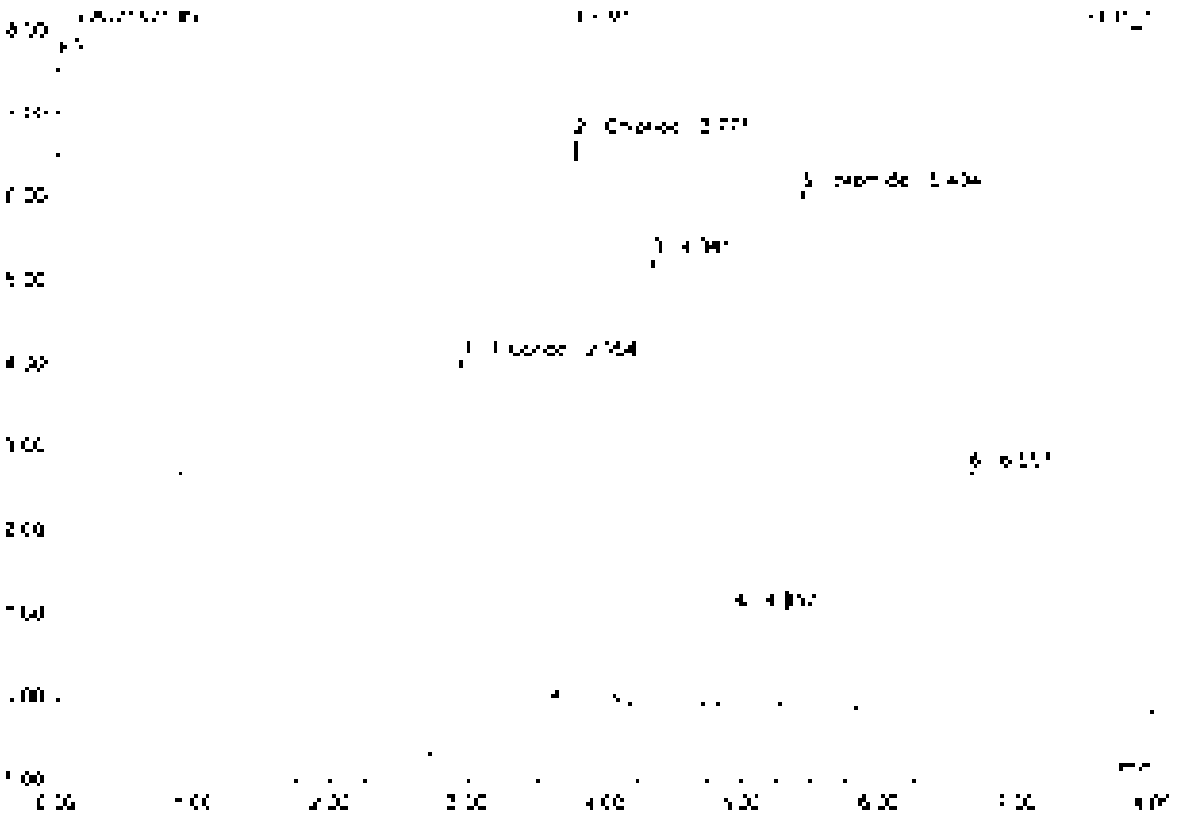
Sample Name	CCV1	Injection Volume	25.0
Vial Number	44	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	7/16/2021 11:00	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	4.442	1.153	25.74	4.590	BMB*
2	3.77	Chloride	6.703	0.807	17.61	4.664	BMB*
3	4.34	Nitrite	5.302	0.855	18.65	2.403	BMB*
4	4.90	Bromide	1.135	0.156	3.03	2.346	BMB*
5	5.40	Nitrate	6.194	1.011	22.06	2.452	BMB*
6	6.65	Sulfate	2.858	0.594	12.96	4.019	BMB*
Total			26.835	4.586	100.00	21.223	

9 CCV1

Sample Name	CCV1	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/16/2021 11:00	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



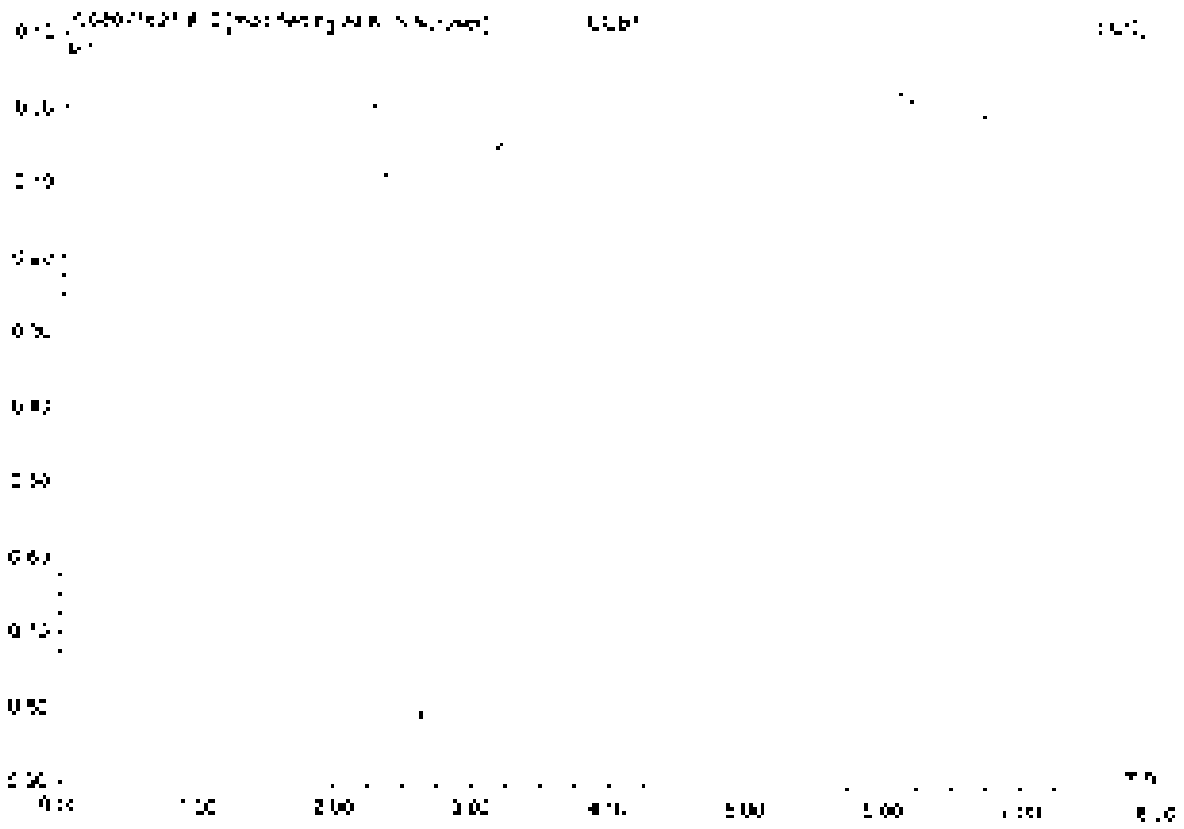
No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.46	Fluoride	4.516	1.157	25.85	0.055	BMB
2	3.77	Chloride	6.703	3.507	77.44	4.664	BMB
3	4.34	n.a.	3.362	0.835	18.47	n.a.	BMB
4	4.95	n.a.	1.130	0.166	3.69	n.a.	BMB
5	5.43	Bromide	6.194	1.077	21.85	14.244	BMB
6	6.56	n.a.	2.862	0.564	12.67	n.a.	BMB
Total:			26.937	4.526	100.00	23.613	

Before

[illegible]

10 CCB1

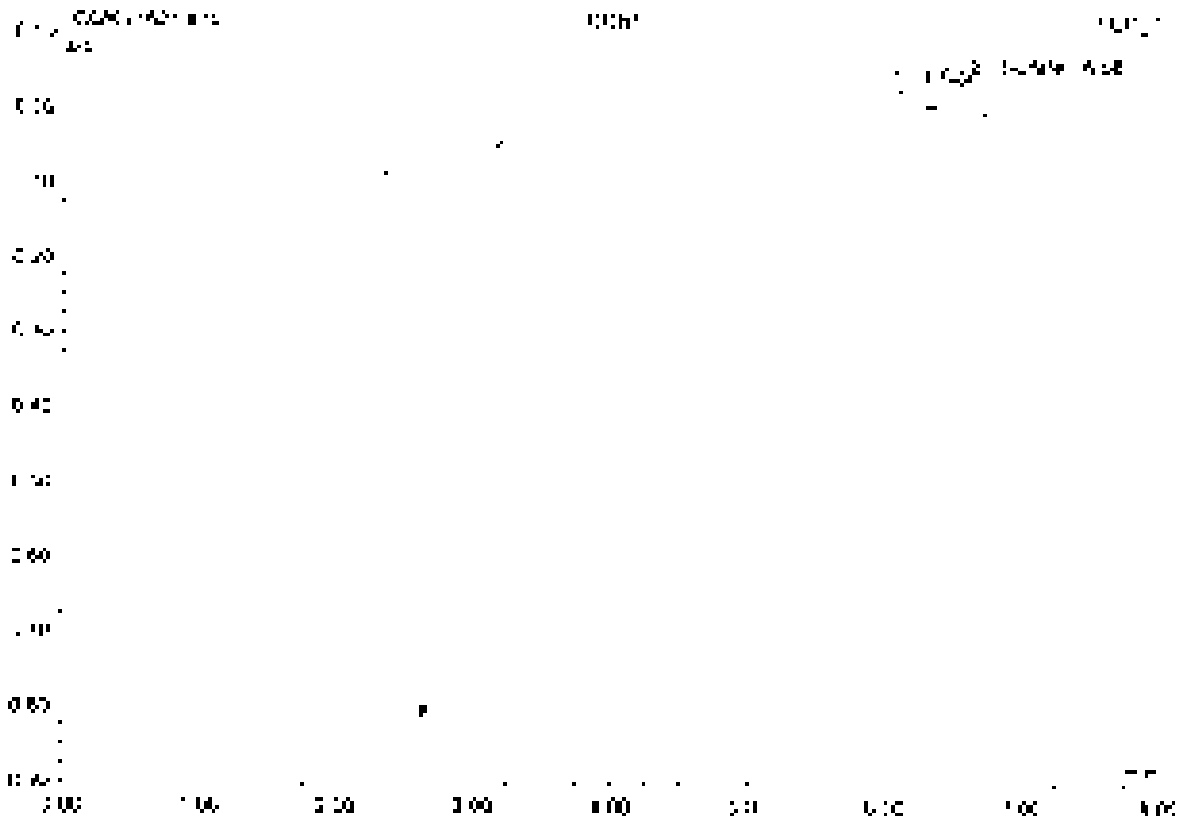
Sample Name	CCB1	Injection Volume	25.0
Vial Number	47	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/14/2021 11:10	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total			0.000	0.000	0.00	0.000	

10 CCB1

Sample Name	CCB1	Injection Volume	35.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quantif. Method	spa300	Dilution Factor	1.0000
Processing Time	3/16/2021 11:10	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



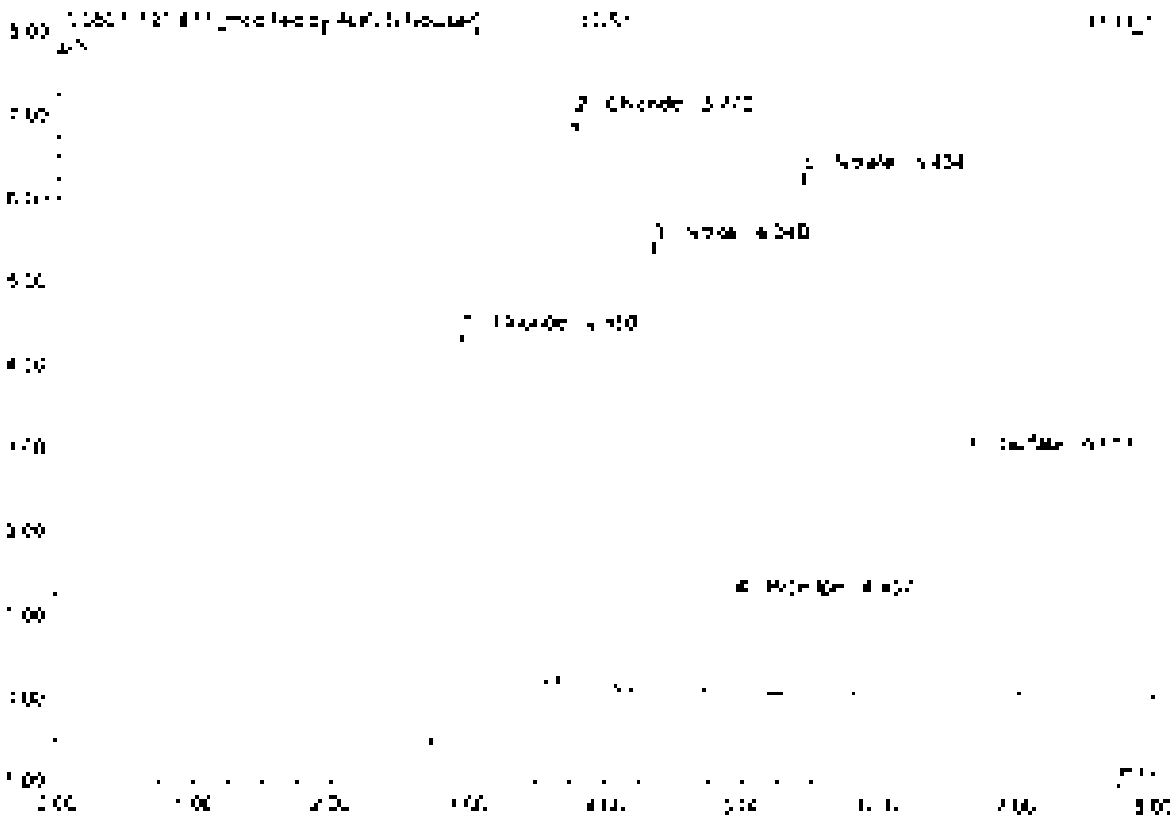
No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.03	n.a.	0.068	1.353	99.45	n.a.	BMB
2	5.58	Sulfate	0.045	0.008	0.55	0.061	sv9
Total:			0.120	1.361	100.00	0.061	

Before

JLL

11 LCS1

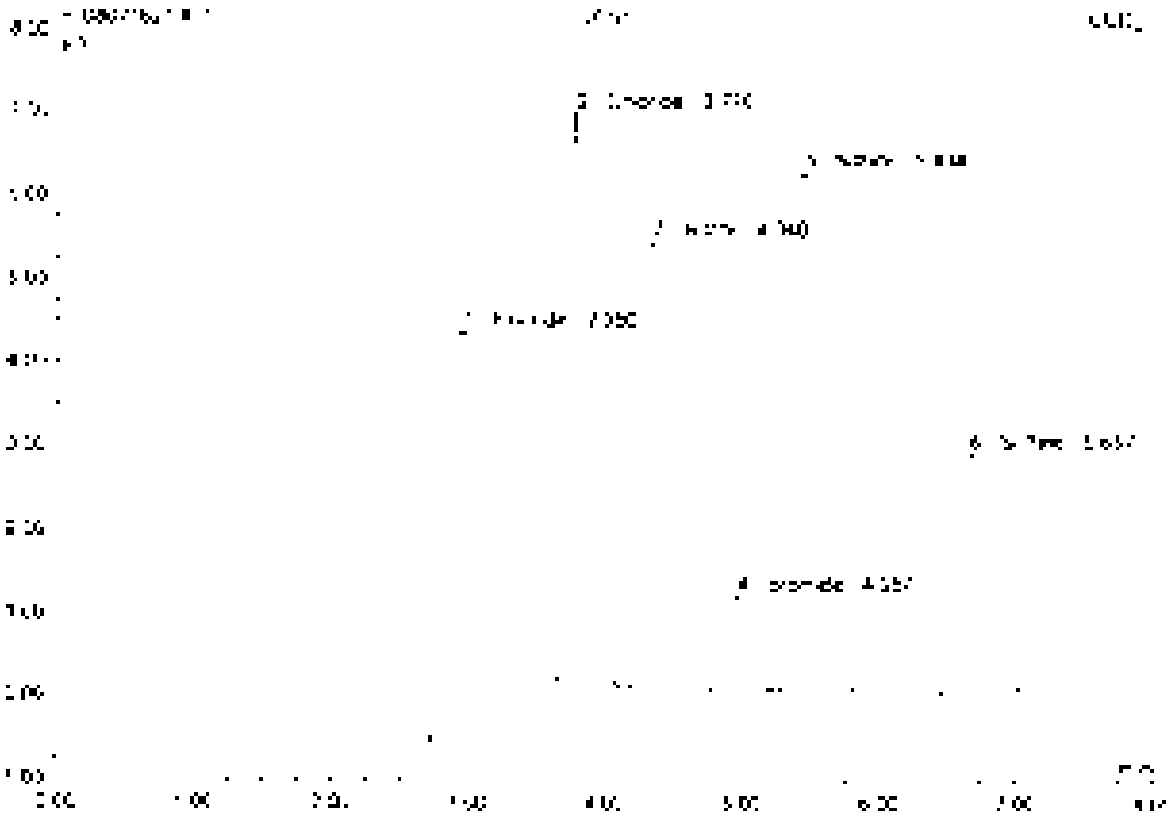
Sample Name	LCS1	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n/a
Control Program	epa300	Bandwidth	n/a
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/1/2021 11:19	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Chloride	2.740	[illegible]	25.41	4.705	BV3*
2	3.72	Chloride	5.517	0.520	[illegible]	4.734	BV3*
3	4.34	Nitrite	5.341	0.539	[illegible]	2.415	BMB
4	4.96	Bromide	1.130	0.168	3.67	2.369	BMB
5	5.42	Nitrate	6.233	1.015	21.91	2.423	BMB
6	5.56	Sulfate	2.504	0.603	12.96	4.803	BV3
Total:			22.282	4.656	100.00	21.502	

11 LCS1

Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	7/16/2021 11:19	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



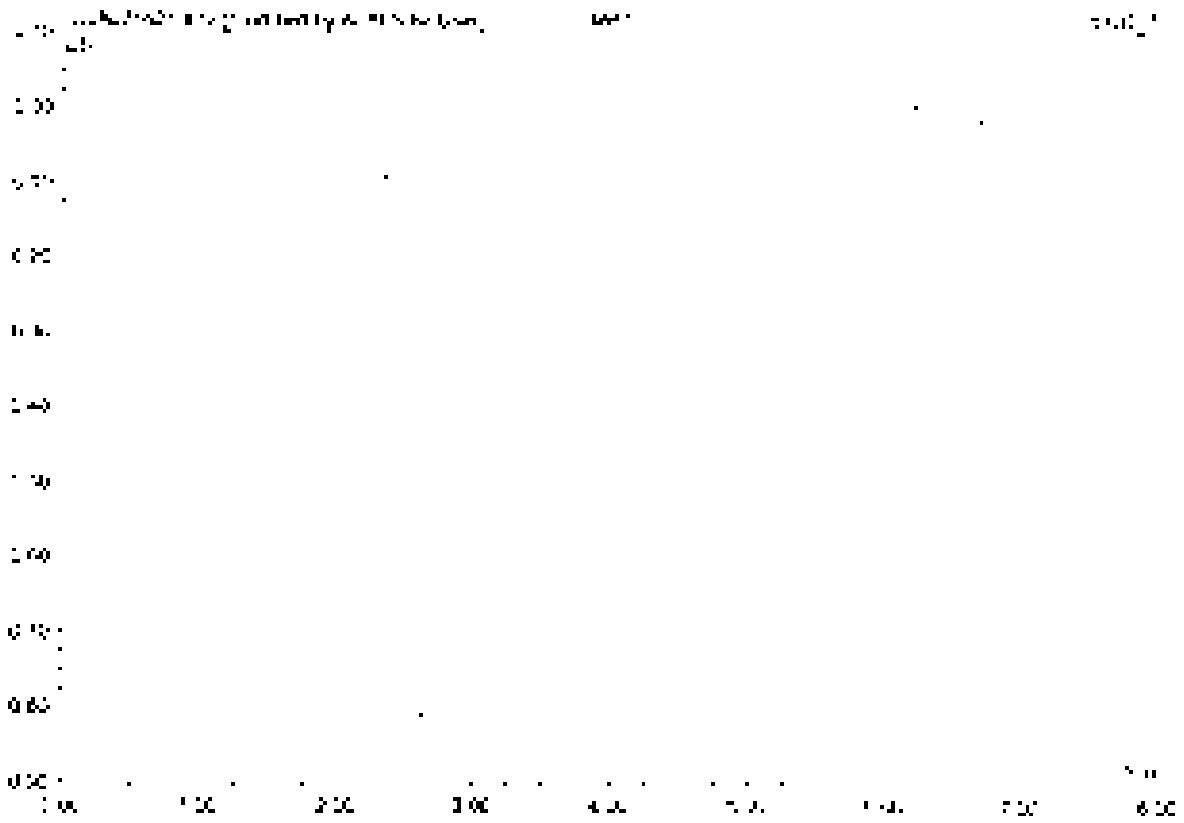
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	4.773	1.227	25.13	4.886	BMB
2	3.77	Chloride	6.837	0.820	17.46	4.734	BMB
3	4.34	Nitrite	5.393	0.859	18.30	2.415	BMB
4	4.96	Bromide	1.760	0.168	3.57	2.363	BMB
5	5.43	Nitrate	6.253	1.019	21.70	2.422	BMB
6	6.66	Sulfate	2.504	0.603	12.84	4.691	BMB
Total:			27.309	4.695	100.00	21.714	

Before

Fig. 5

12 MB1

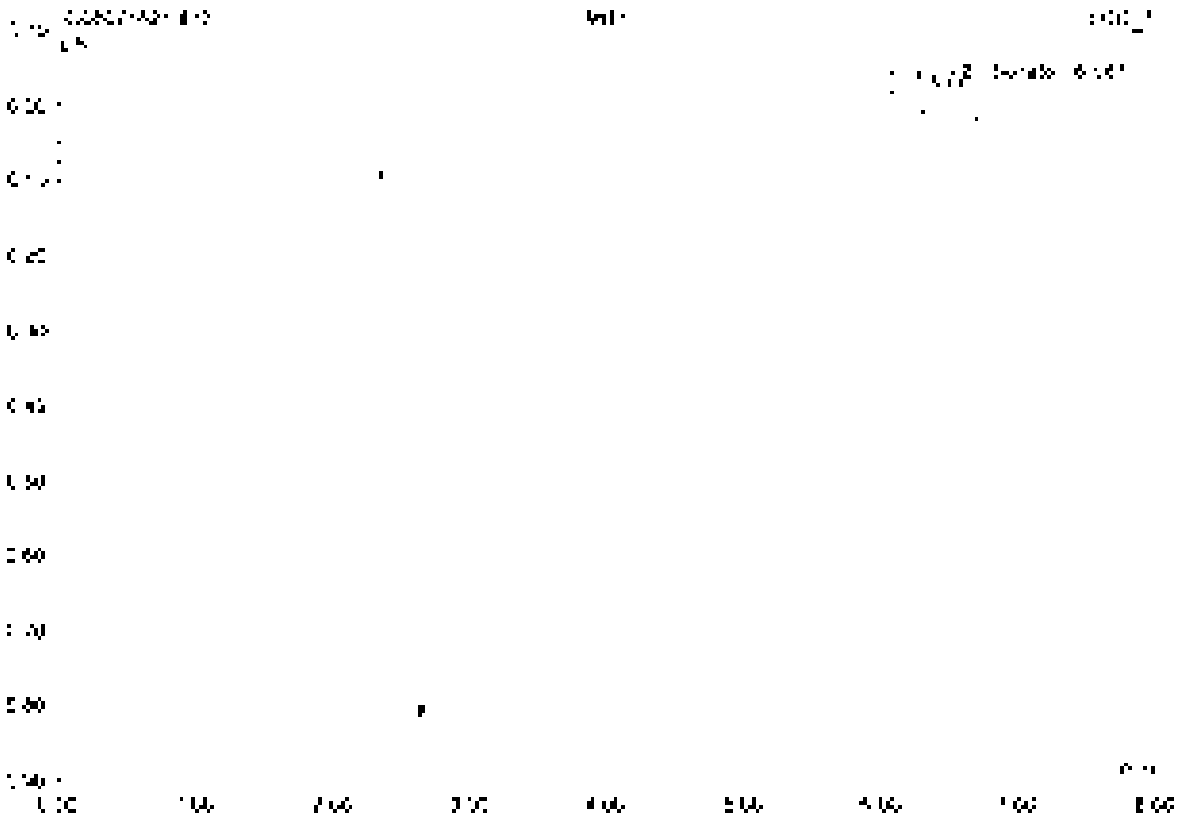
Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	1.0000
Processing Time	7/16/2021 11:29	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

12 MB1

Sample Name	MB1	Injection Volume	20.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant Method	wpa300	Dilution Factor	1.0000
Processing Time	7/14/2021 11:39	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



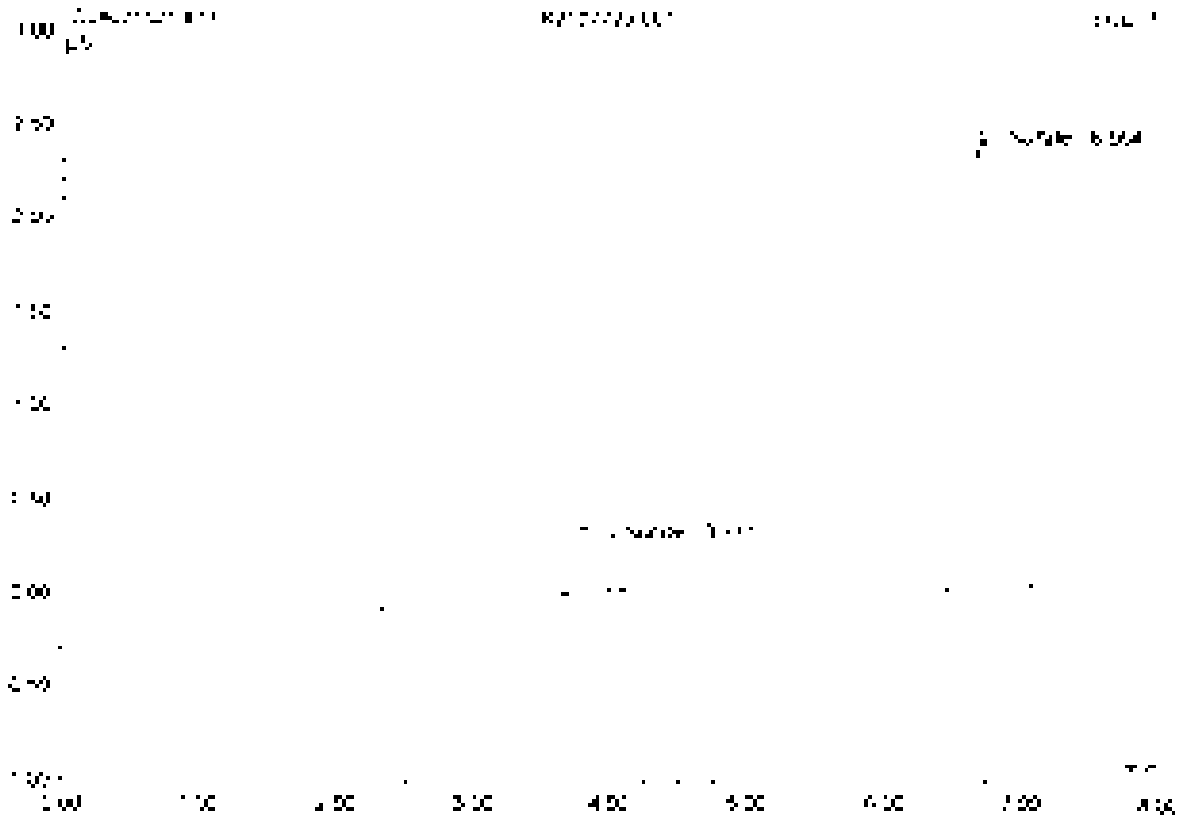
No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.03	n.a.	0.059	1.353	99.45	n.a.	BMB
2	6.50	Sulfate	0.045	0.007	0.55	0.000	BMB
Total:			0.104	1.360	100.00	0.000	

Before

FIG. 12

13 K2107729-001

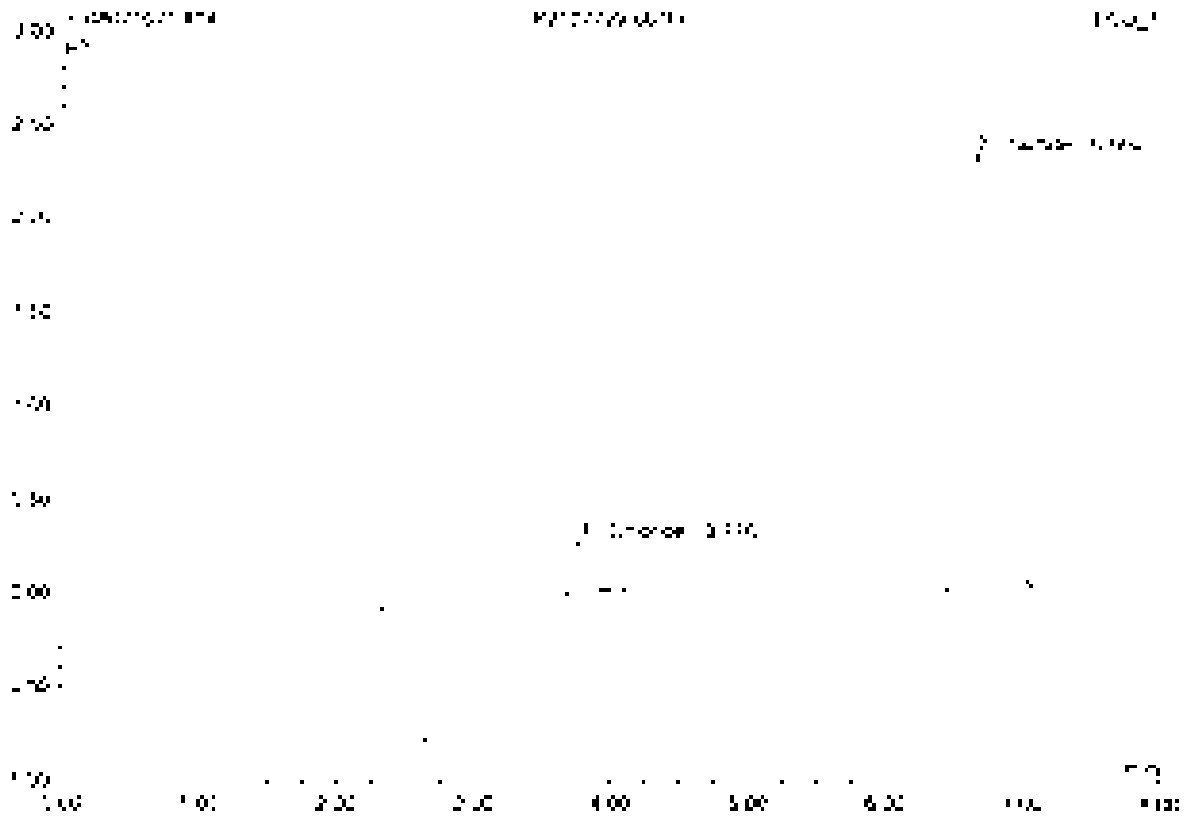
Sample Name	K2107729-001	Injection Volume	35.0
Vial Number	3	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	20.0000
Processing Time	7/14/2021 11:38	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

14 K2107729-001D

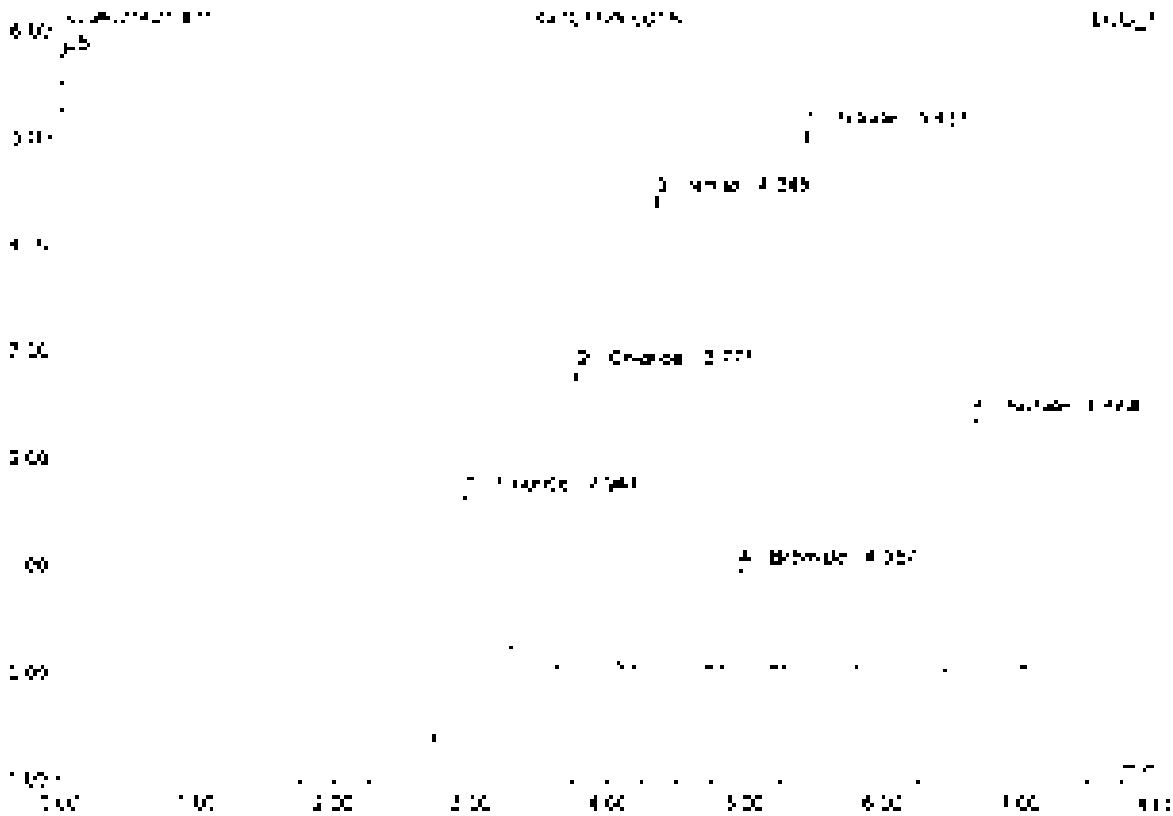
Sample Name	K2107729-001D	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	20.0000
Recording Time	7/16/2021 11:48	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.77	Chloride	0.272	0.036	6.90	5.162	BV0
2	5.46	Sulfate	2.317	0.486	93.10	78.530	BV0A
Total:			2.590	0.522	100.00	83.692	

15 K2107729-001S

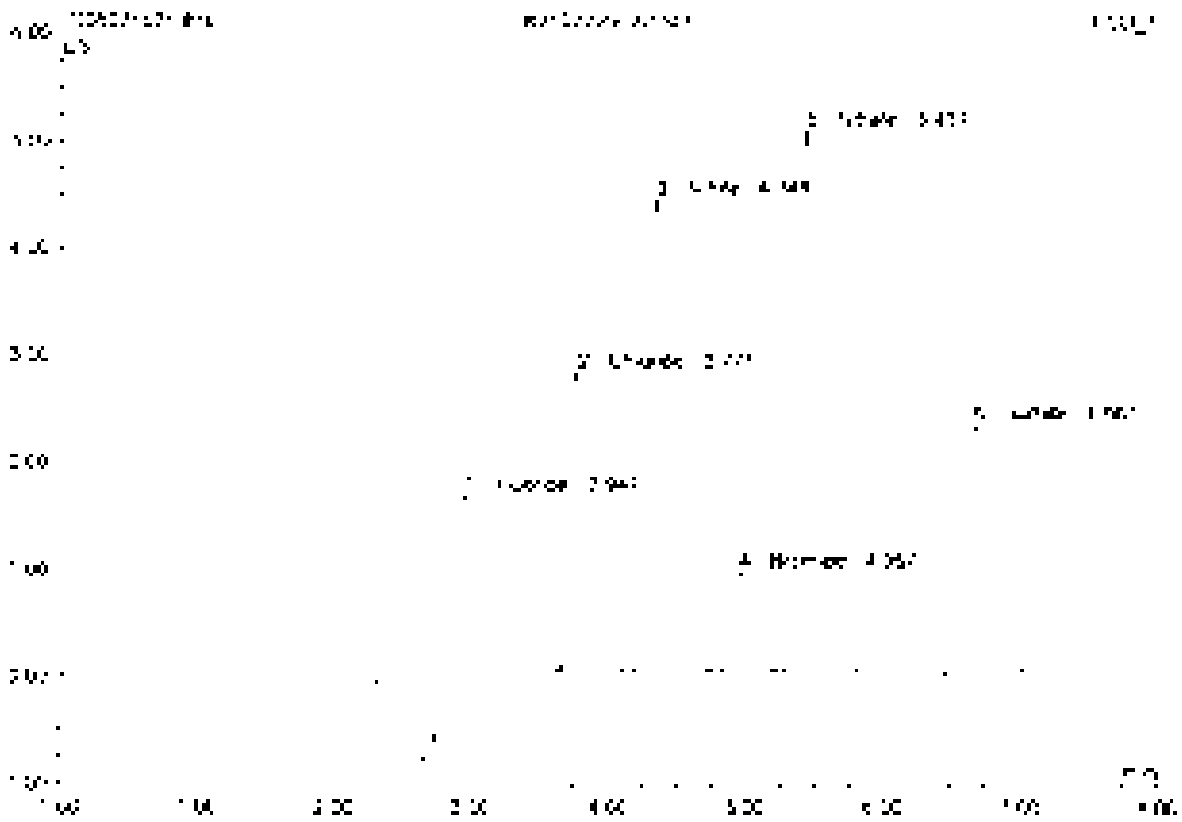
Sample Name	K2107729-001S	Injection Volume	25.0
Vial Number	6	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant. Method	apa300	Dilution Factor	40.0000
Recording Time	7/19/2021 16:38	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.35	Fluoride	2.130	0.668	19.57	95.907	BMB
2	3.77	Chloride	2.365	0.325	10.92	77.314	BMB
3	4.34	Nitrite	4.403	0.700	22.55	78.738	BME
4	4.96	Bromide	0.910	0.136	4.40	76.600	BME
5	5.44	Nitrate	5.030	0.921	26.54	78.021	BMB
6	5.66	Sulfate	2.365	0.452	15.52	1598.14	BMB
Total:			17.021	3.052	100.00	567.440	

16 K2107729-001SD

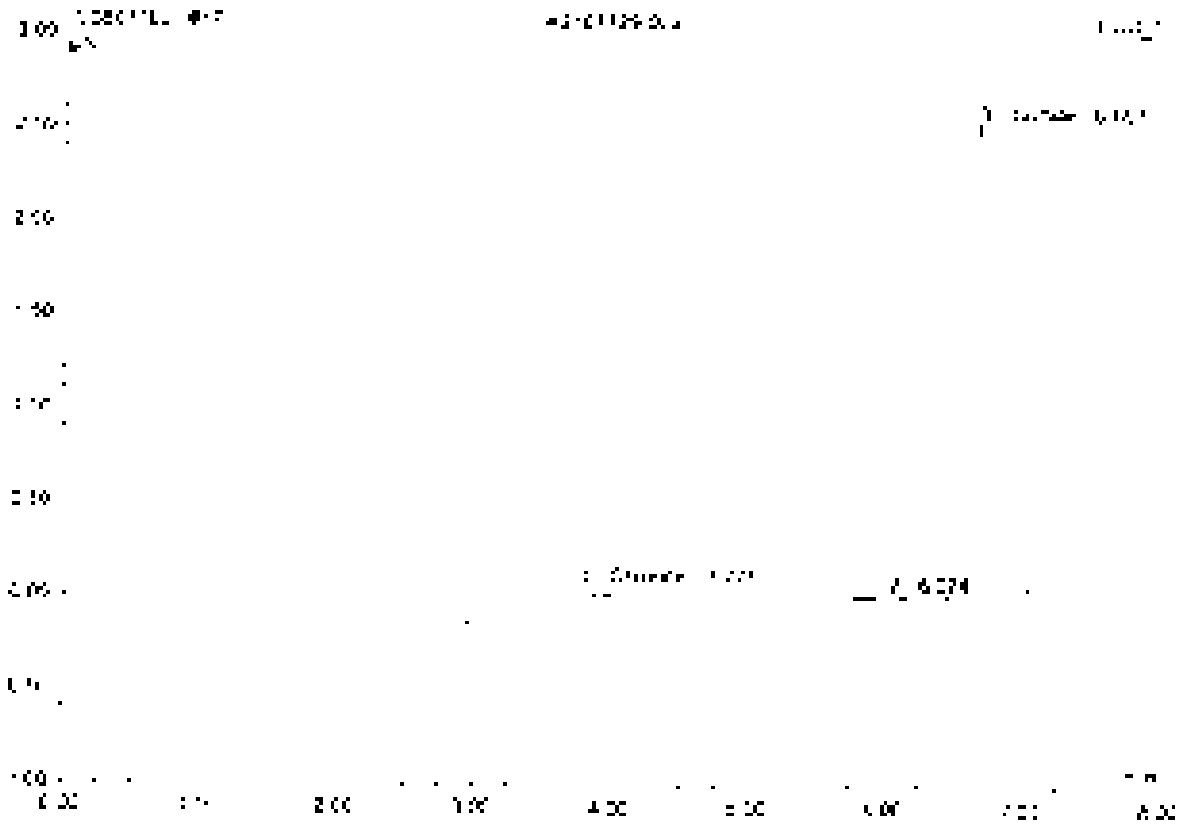
Sample Name	K2107729-001SD	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	40.0000
Recording Time	7/16/2021 13:07	Sample Weight	1.0000
Run Time (min)	6.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	2.148	0.617	1.96	37.290	BMB
2	3.77	Chloride	2.774	0.337	1.05	22.192	BMB
3	4.34	Nitrite	4.420	0.705	22.34	79.296	BMB
4	4.96	Bromide	0.918	0.137	4.47	22.122	BMB
5	5.44	Nitrate	5.062	0.625	20.58	184.14	BMB
6	5.60	Sulfate	2.343	0.488	15.71	158.850	BMB
Total:			17.656	3.102	100.00	568.104	

17 K2107729-002

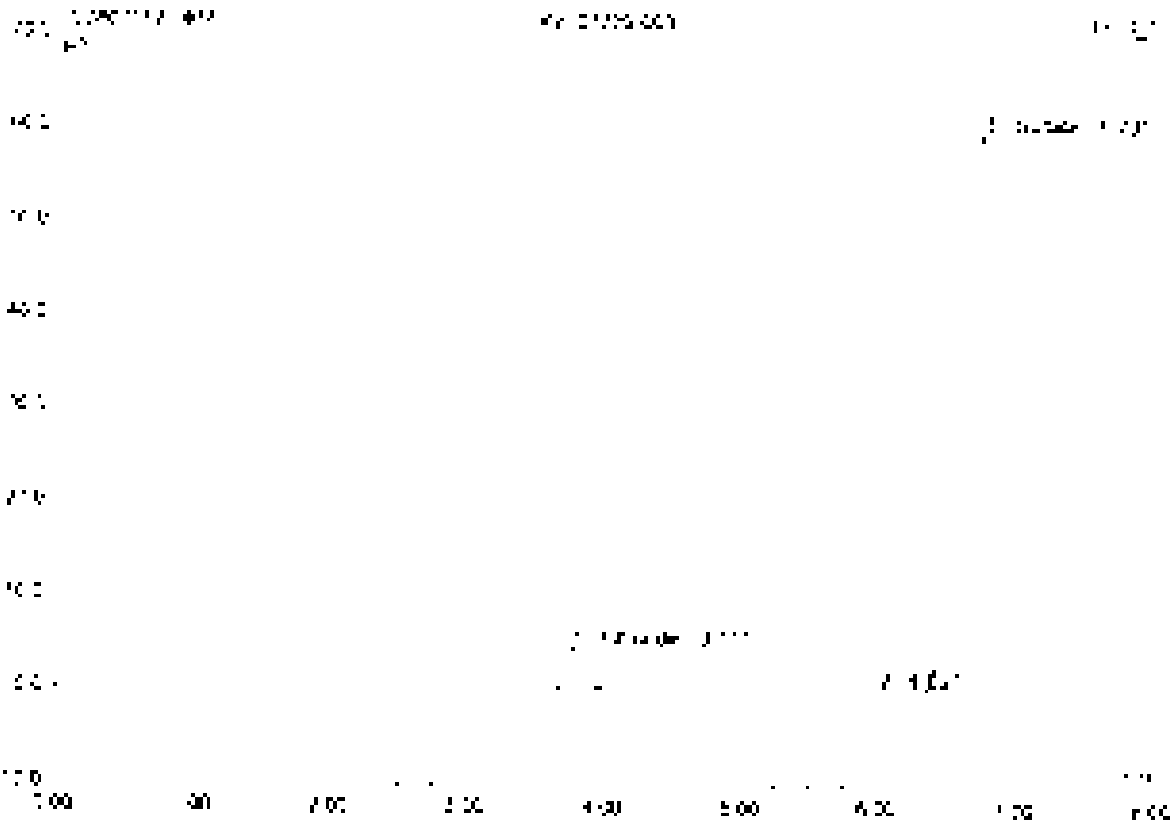
Sample Name	K2107729-002	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	100.0000
Recording Time	7/19/2021 12:17	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.77	Chlorider	0.574	0.044	7.80	25.503	BMB
2	6.02	n.a.	0.323	0.006	1.02	n.a.	BMB
3	8.56	Sulfate	2.514	0.516	91.18	419.171	BMB
Total:			3.410	0.566	100.00	444.680	

f8 K2107729-003

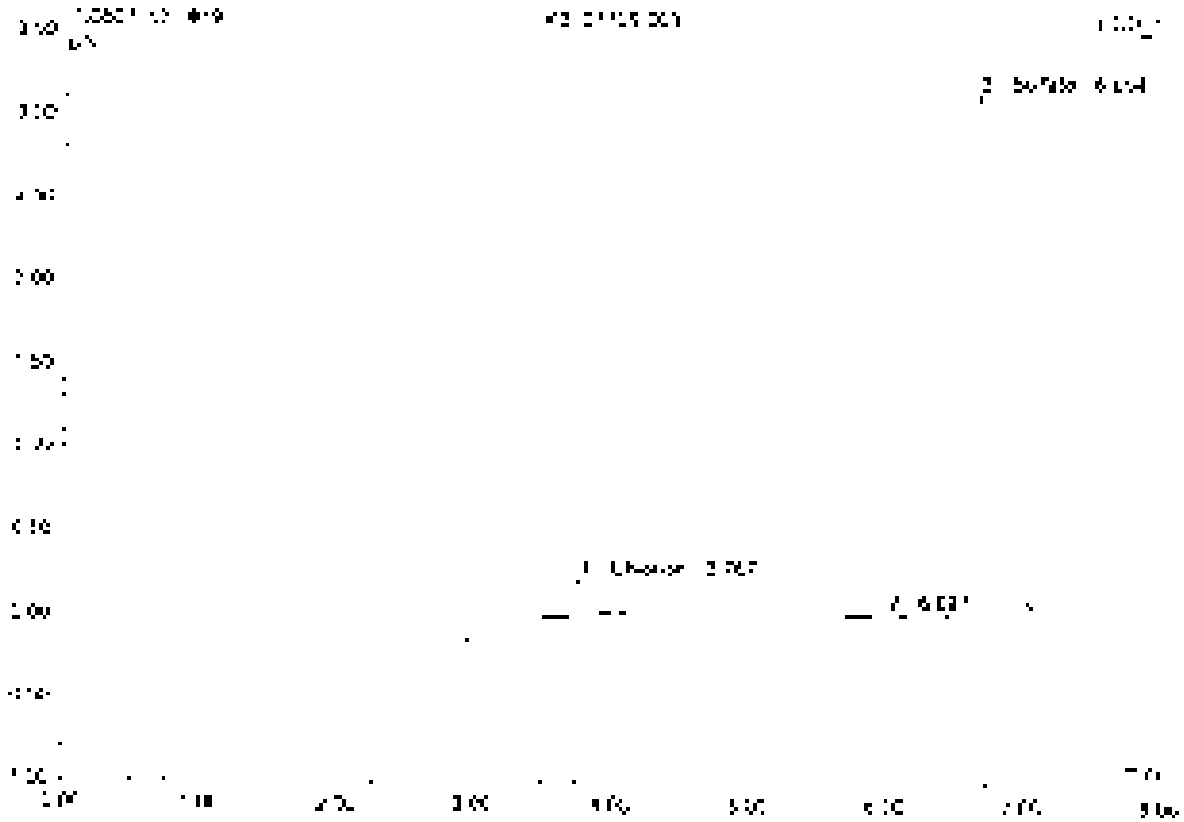
Sample Name	K2107729-003	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	10.0000
Recording Time	7/16/2021 12:26	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	n.a.	BMB
3	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total			[illegible]	[illegible]	[illegible]	[illegible]	

19 K2107729-003

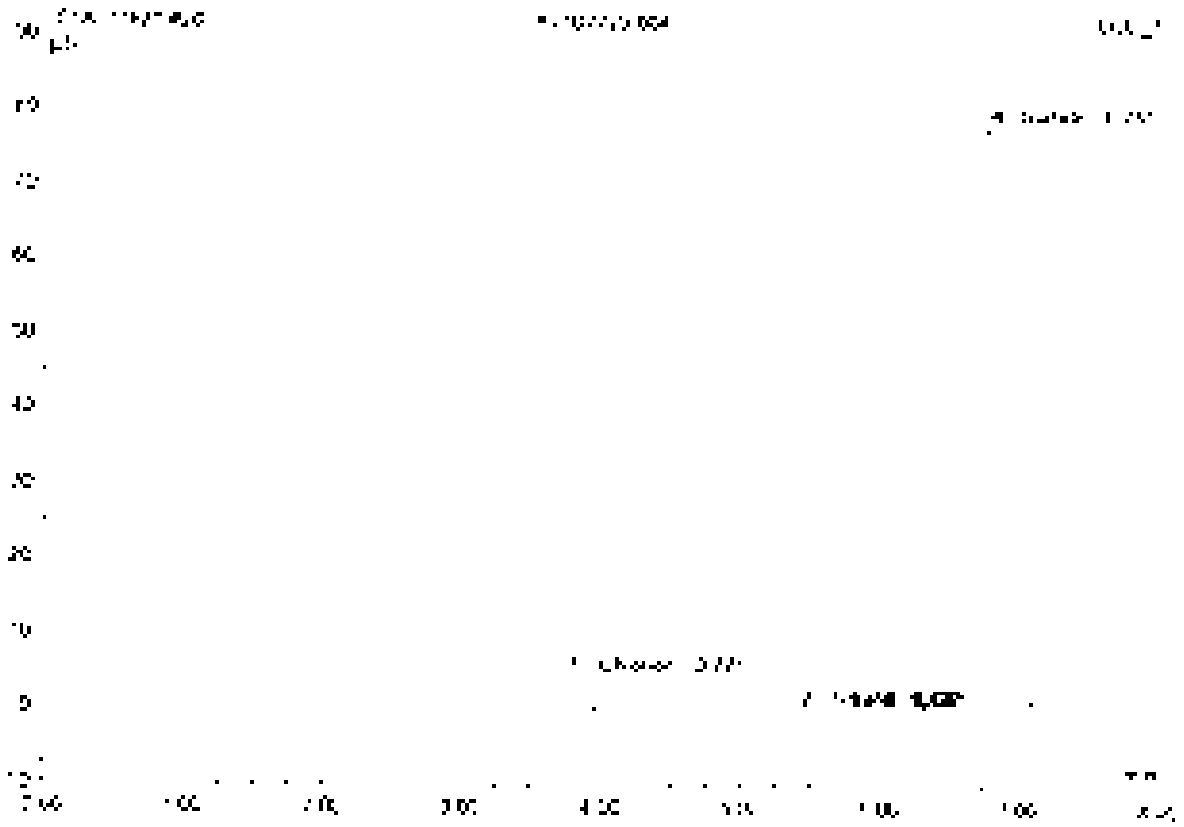
Sample Name	K2107729-003	Injection Volume	35.0
Vial Number	9	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Sandwich	n.a.
Control Method	spa300	Dilution Factor	300.0000
Recording Time	7/10/2021 17:36	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.77	Chloride	0.221	0.031	4.58	36.011	BMB
2	5.03	n.a.	0.027	0.008	1.15	n.a.	BMB
3	6.65	Sulfate	2.114	0.647	94.26	1061.170	BMB
Total:			2.362	0.687	100.00	1097.450	

20 K2107729-004

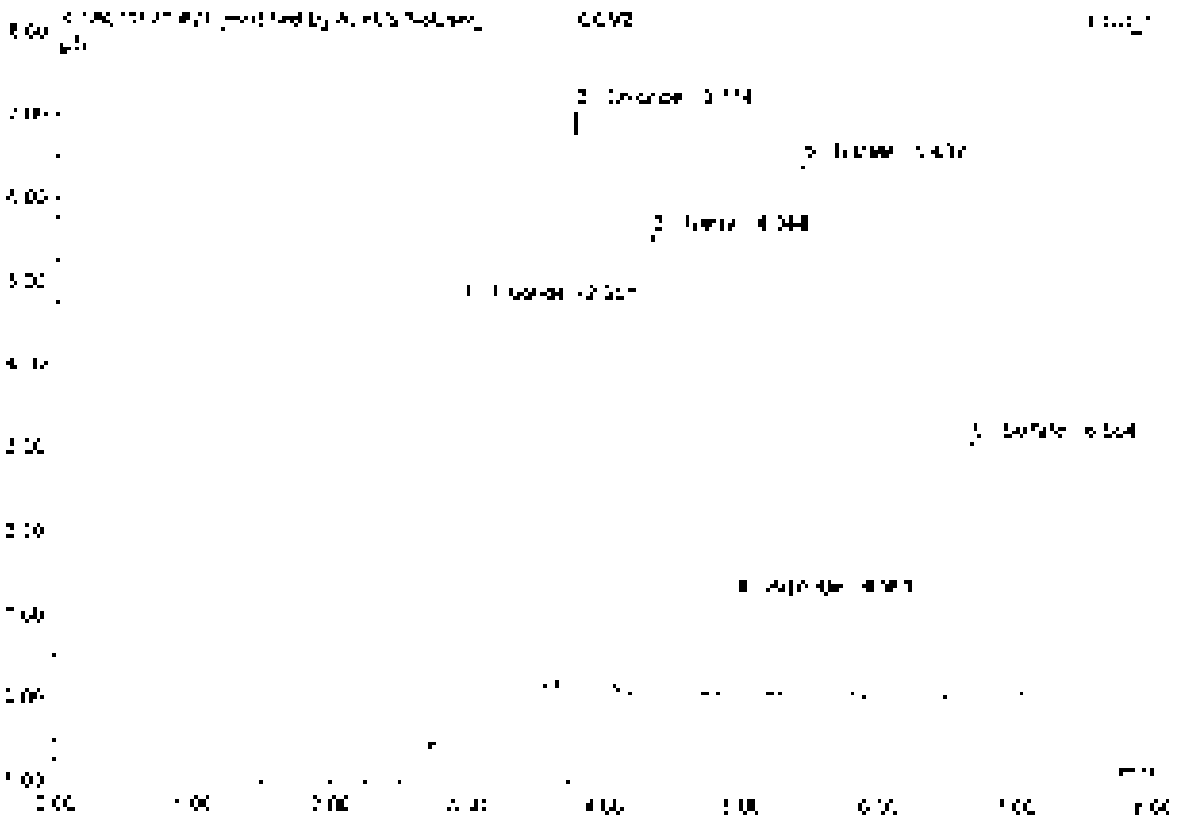
Sample Name	K2107729-004	Injection Volume	2.0
Vial Number	10	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	10.0000
Recording Time	7/15/2021 17:44	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.77	Chloride	4.365	0.528	2.27	30.516	BMB
2	5.44	Nitrate	0.042	0.007	0.03	0.162	BMB
3	6.04	n.a.	0.055	0.010	0.04	n.a.	BMB
4	6.36	Sulfate	77.253	22.683	97.55	1861.450	BMB
Total:			81.715	23.228	100.00	1892.127	

21 CCV2

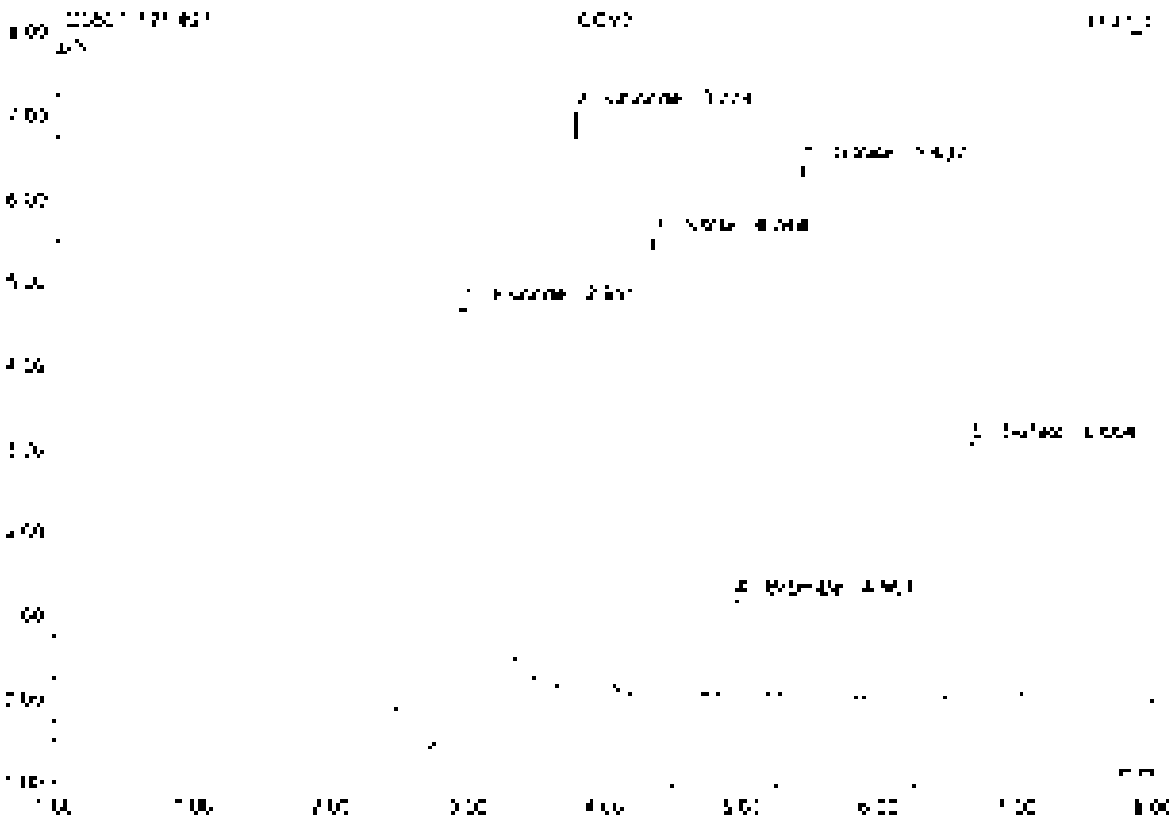
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Calibrat. Factor	1.0000
Recording Time	7/15/2021 12:55	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	5.123	[illegible].243	25.92	4.950	BMB*
2	3.77	Chloride	8.937	9.527	[illegible]7.24	4.775	BMB*
3	4.34	Nitrite	5.945	9.545	[illegible]8.24	2.458	BMB
4	4.96	Bromide	1.171	3.170	3.55	2.159	BMB
5	5.44	Nitrate	6.402	1.035	21.65	2.471	BMB
6	6.66	Sulfate	3.070	5.641	[illegible]3.37	5.207	BMB
Total:			25.2[illegible]7	4.795	[illegible]00.00	22.250	

21 CCV2

Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	7/16/2021 19:55	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



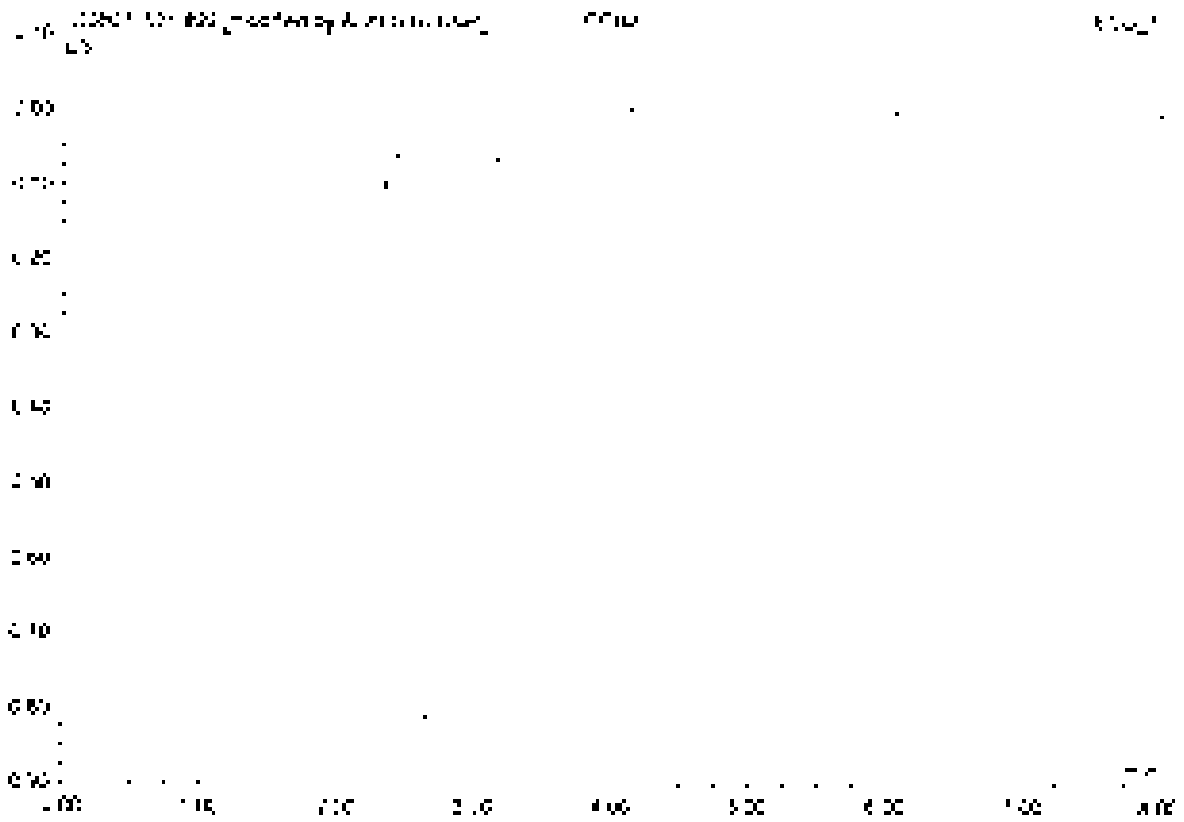
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	5.142	[illegible]	26.43	5.052	BMB
2	[illegible]	Chloride	0.937	0.927	[illegible]	[illegible]	BMB
3	4.34	Nitrite	5.505	0.9[illegible]	[illegible]	2.452	BMB
4	4.96	Bromide	1.17[illegible]	0.170	0.52	2.359	BMB
5	5.44	Nitrate	5.402	1.204	2[illegible].53	2.47[illegible]	BMB
6	6.90	Sulfate	3.076	0.64[illegible]	[illegible].28	5.20[illegible]	BMB
Total:			28.236	4.825	100.00	22.262	

Before

[illegible]

22 CCB2

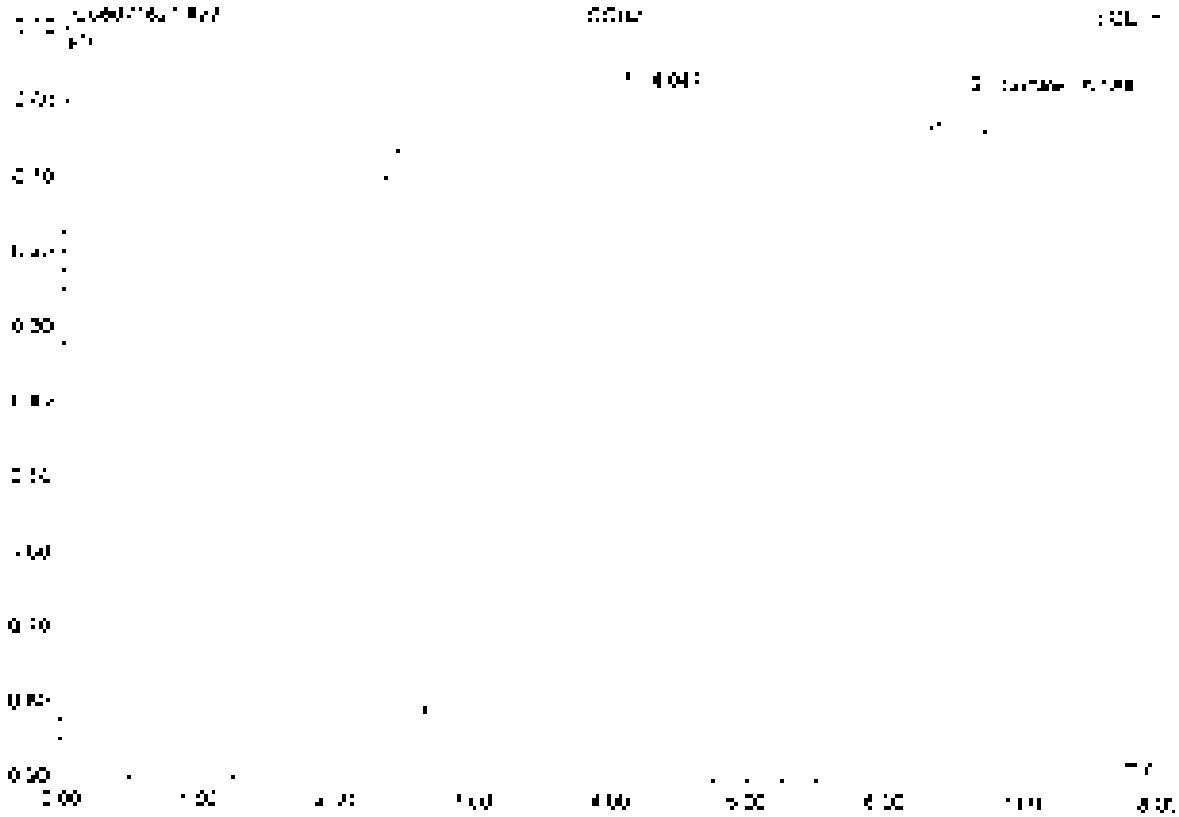
Sample Name	CCB2	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	Tue 7/20/2021 11:05	Sample Weight	1.0000
Run Time (min)	6.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

22 CCB2

Sample Name	CCB2	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant Method	wpa300	Dilution Factor	1.0000
Recording Time	7/16/2021 13:05	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



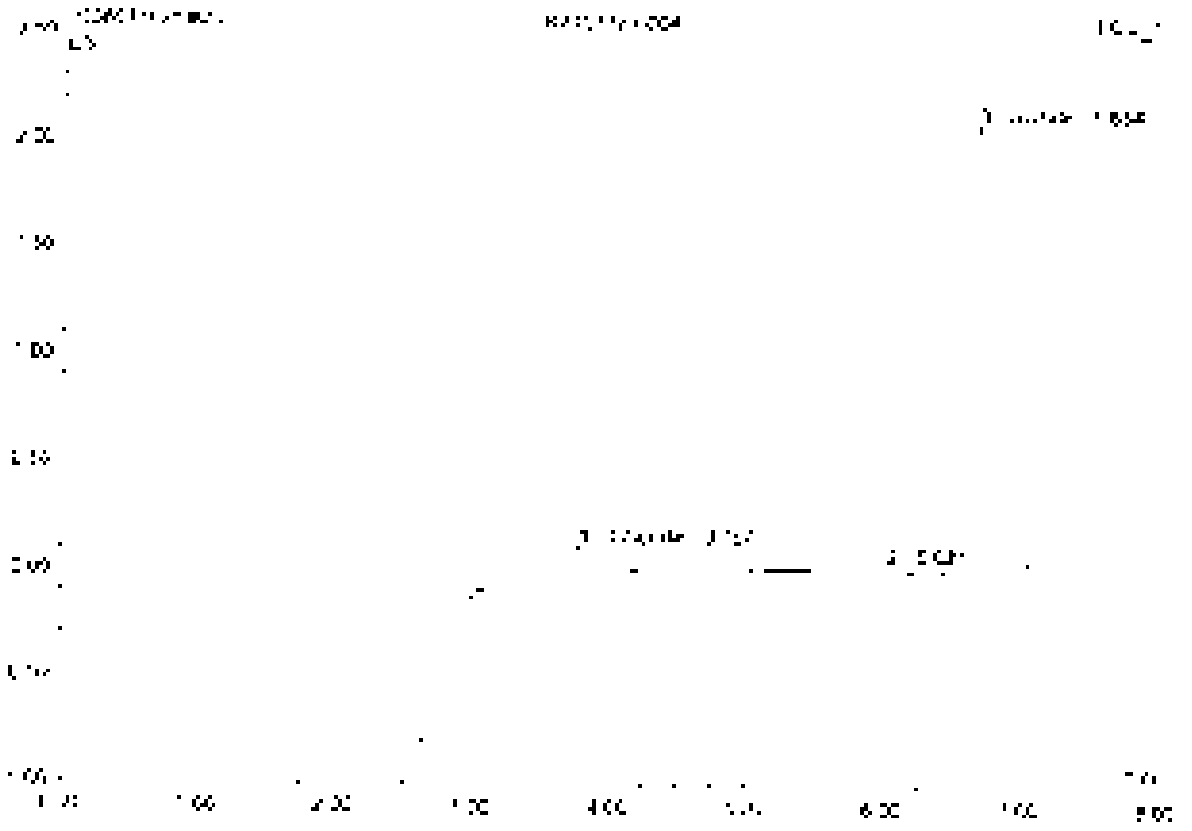
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.[illegible]	n.a.	0.52[illegible]	1.348	99.46	n.a.	BMB
2	6.59	Sulfate	0.045	0.007	0.54	0.059	BVB
Total:			0.570	1.355	100.00	0.059	

Before

[illegible]

23 K2107729-004

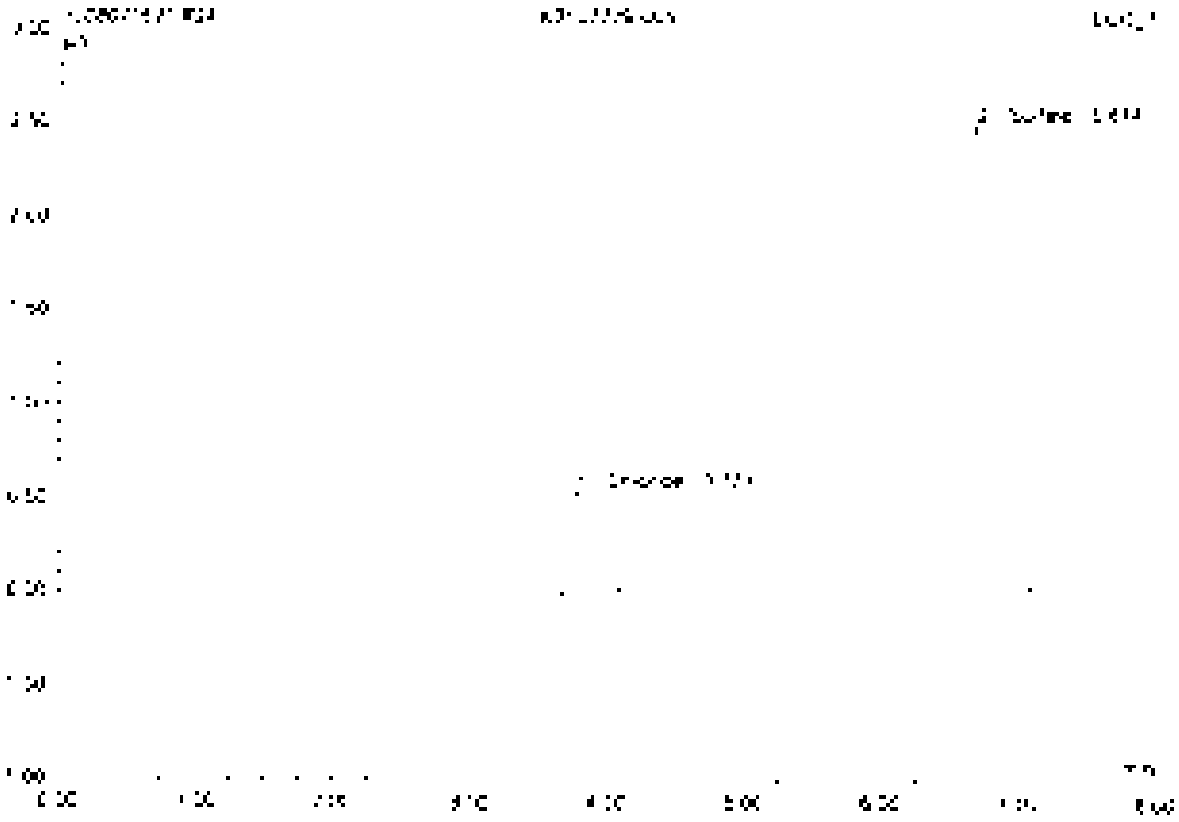
Sample Name	K2107729-004	Injection Volume	25.0
Vial Number	11	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	400.0000
Recording Time	7/16/2021 13:14	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.77	Chloride	0.144	0.050	13.10	[illegible]	BMB
2	6.52	[illegible]	0.021	0.017	3.42	[illegible]	BVB
3	8.05	Sulfate	2.070	0.424	86.48	1322.464	BVB
Total:			2.245	0.496	100.00	1365.200	

24 K2107729-005

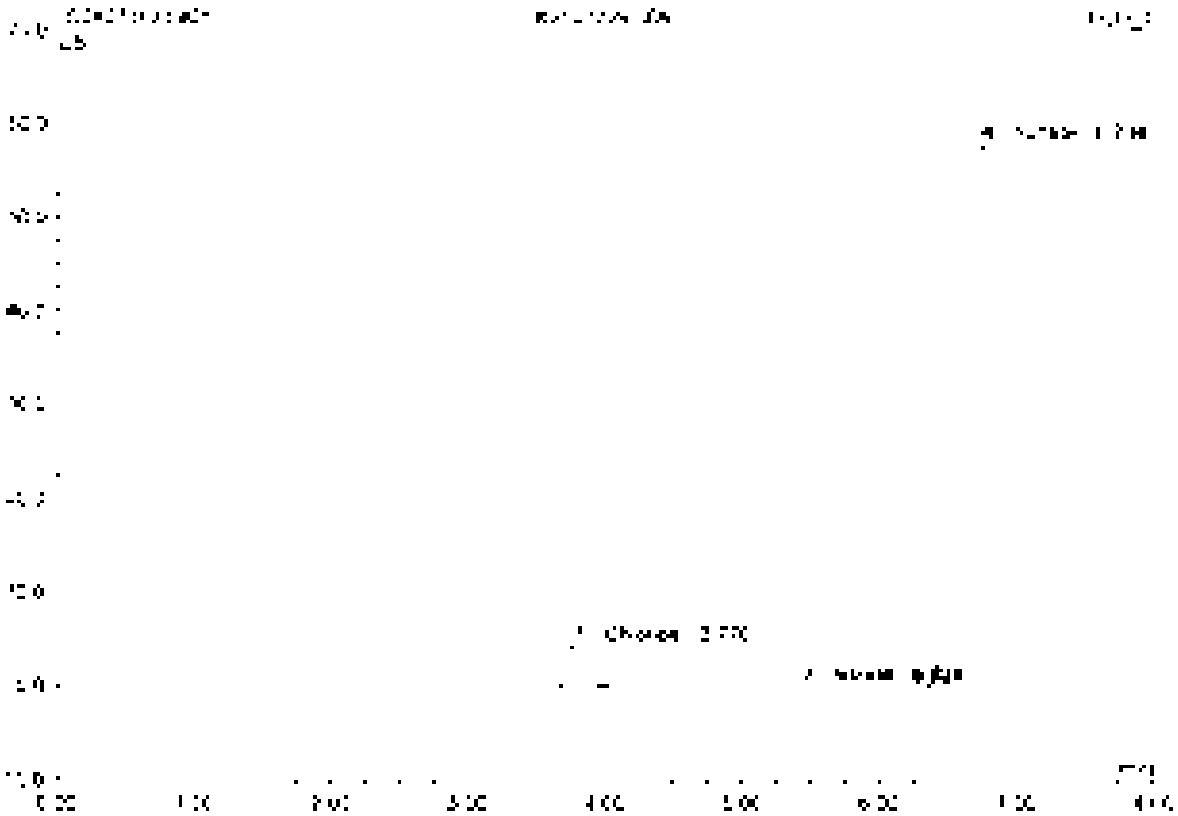
Sample Name	K2107729-005	Injection Volume	25.0
Vial Number	12	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	10.0000
Recording Time	7/14/2021 15:24	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Chloride	0.542	0.067	[illegible]	0.048	BVB
2	6.67	Sulfate	2.477	0.522	88.68	42.319	BVB
Total:			3.019	0.589	100.00	46.727	

25 K2107729-006

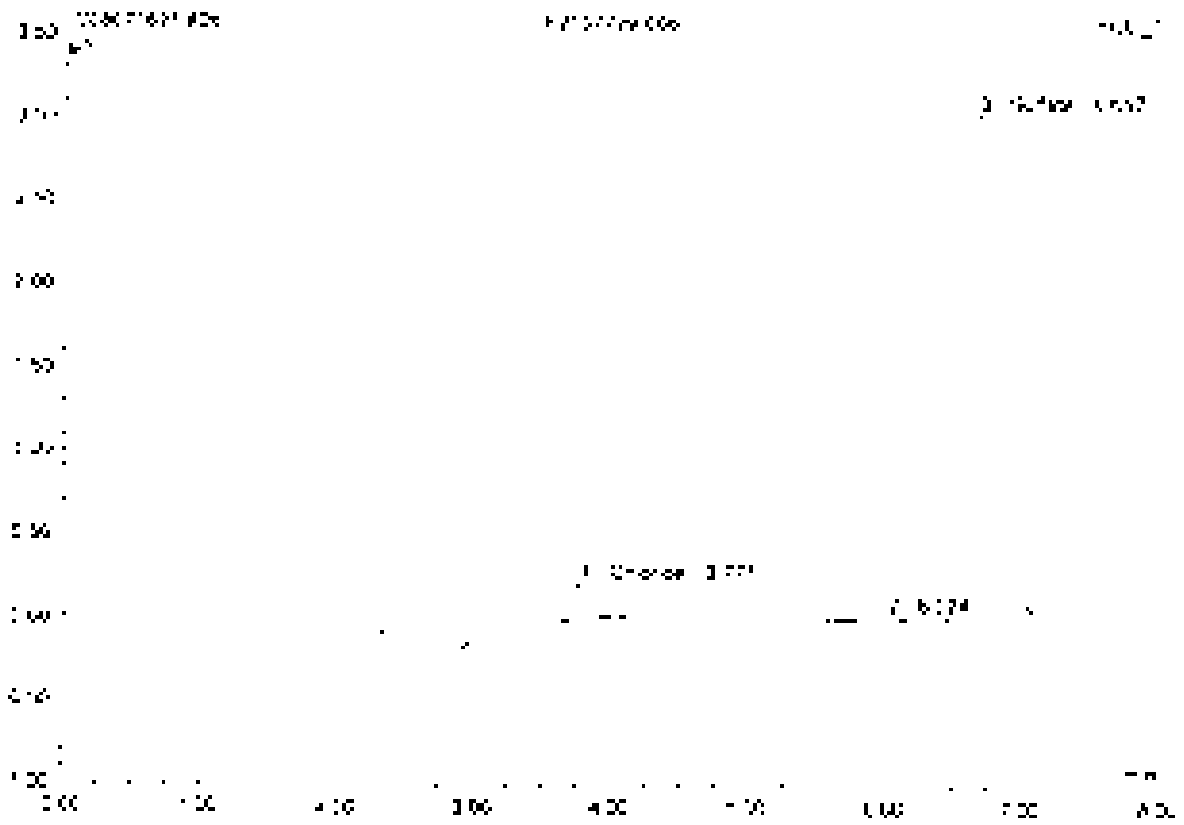
Sample Name	K2107729-006	Injection Volume	25.0
Vial Number	13	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	10.0000
Processing Time	7/16/2021 12:34	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.77	Chloride	4.362	0.524	0.39	30.566	BMD
2	5.44	Nitrate	0.233	0.205	0.15	0.126	BMD
3	6.02	n.a.	0.247	0.210	0.16	n.a.	nnnn
4	6.73	Sulfate	57.430	15.351	98.51	1222.228	BMB
Total:			61.610	15.600	100.00	1252.920	

26 K2107729-006

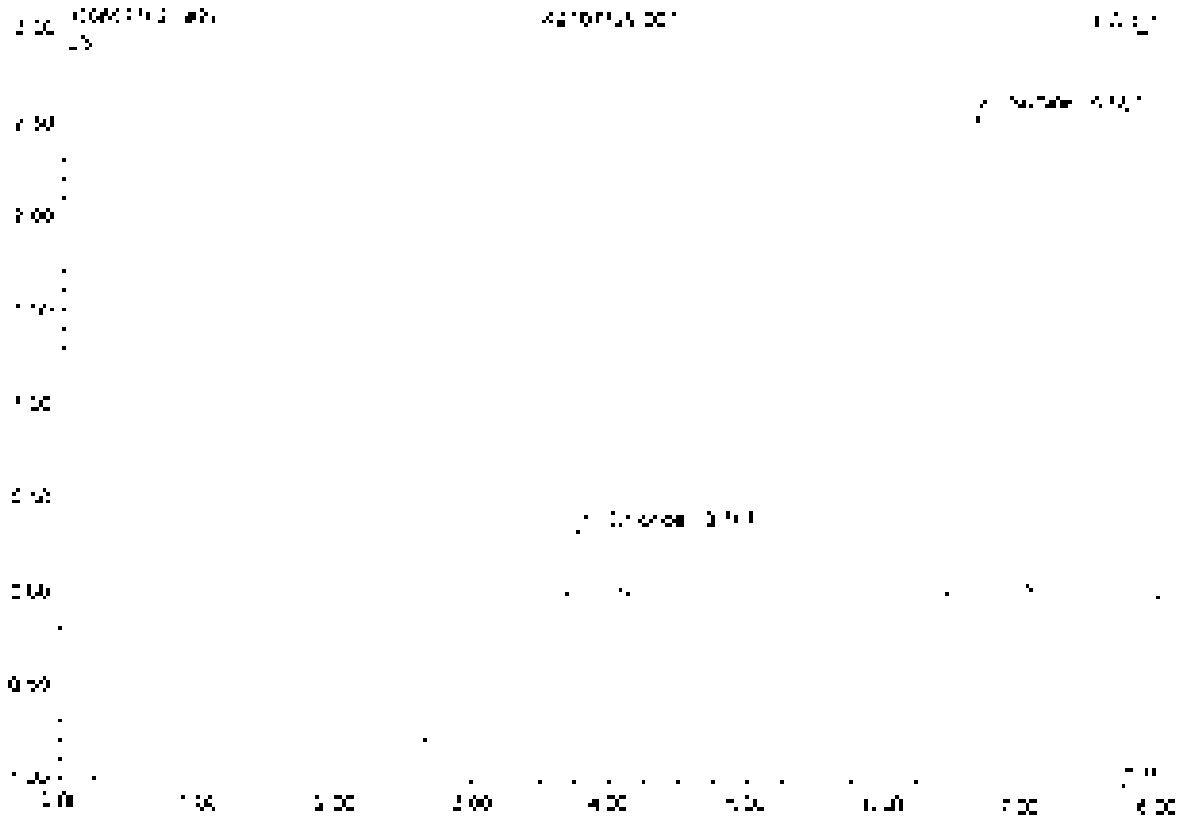
Sample Name	K2107729-006	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Method Method	epa300	Dilution Factor	200.0000
Recording Time	7/16/2021 12:43	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.77	Chloride	0.219	0.030	4.53	35.060	BV0
2	5.02	n.a.	0.029	0.011	1.67	n.a.	BV0
3	6.66	Sulfate	3.014	0.525	93.80	1019.956	BV0
Total:			3.262	0.570	100.00	1055.015	

27 K2107729-007

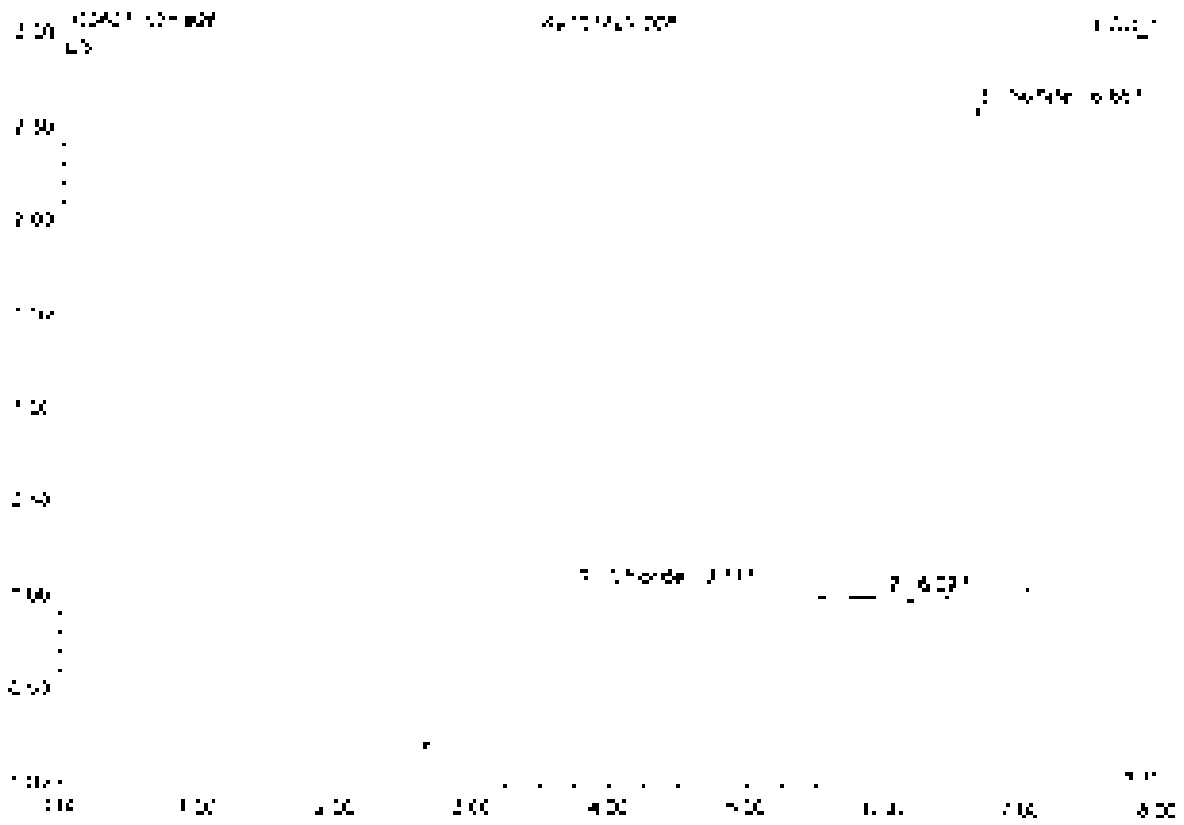
Sample Name	K2107729-007	Injection Volume	25.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	20.0000
Recording Time	7/19/2021 10:33	Sample Weight	1.0000
Run Time (min)	5.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.77	Chloride	0.343	0.044	7.64	5.032	BV B
2	6.66	Sulfate	2.557	0.533	92.36	86.535	BV B
Total:			2.901	0.577	100.00	91.567	

28 K2107729-008

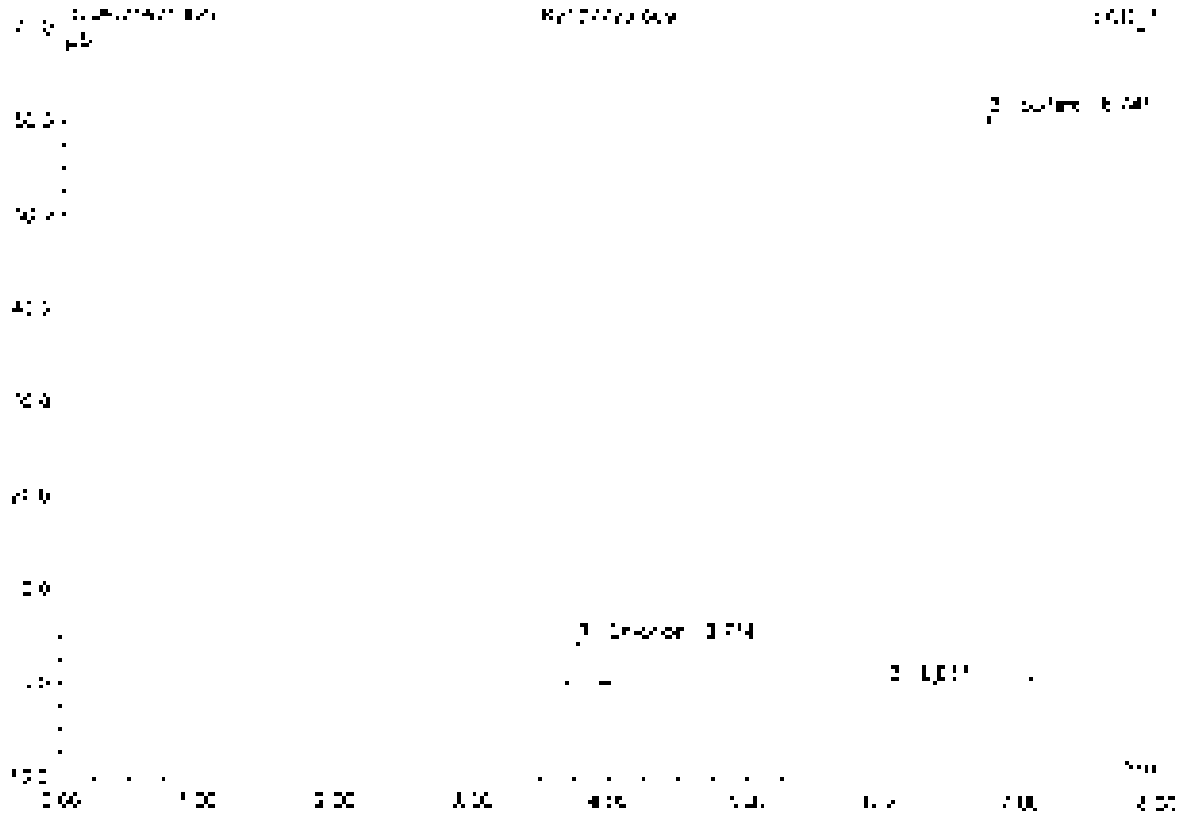
Sample Name	K2107729-008	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	100.0000
Recording Time	7/16/2021 14:02	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.77	Chloride	0.550	1.006	64.50	582.571	BMB
2	6.10	n.a.	0.025	0.067	0.42	n.a.	BMB
3	6.66	Sulfate	2.013	0.539	34.72	417.552	BMB
Total:			2.588	1.552	100.00	1000.123	

29 K2107729-009

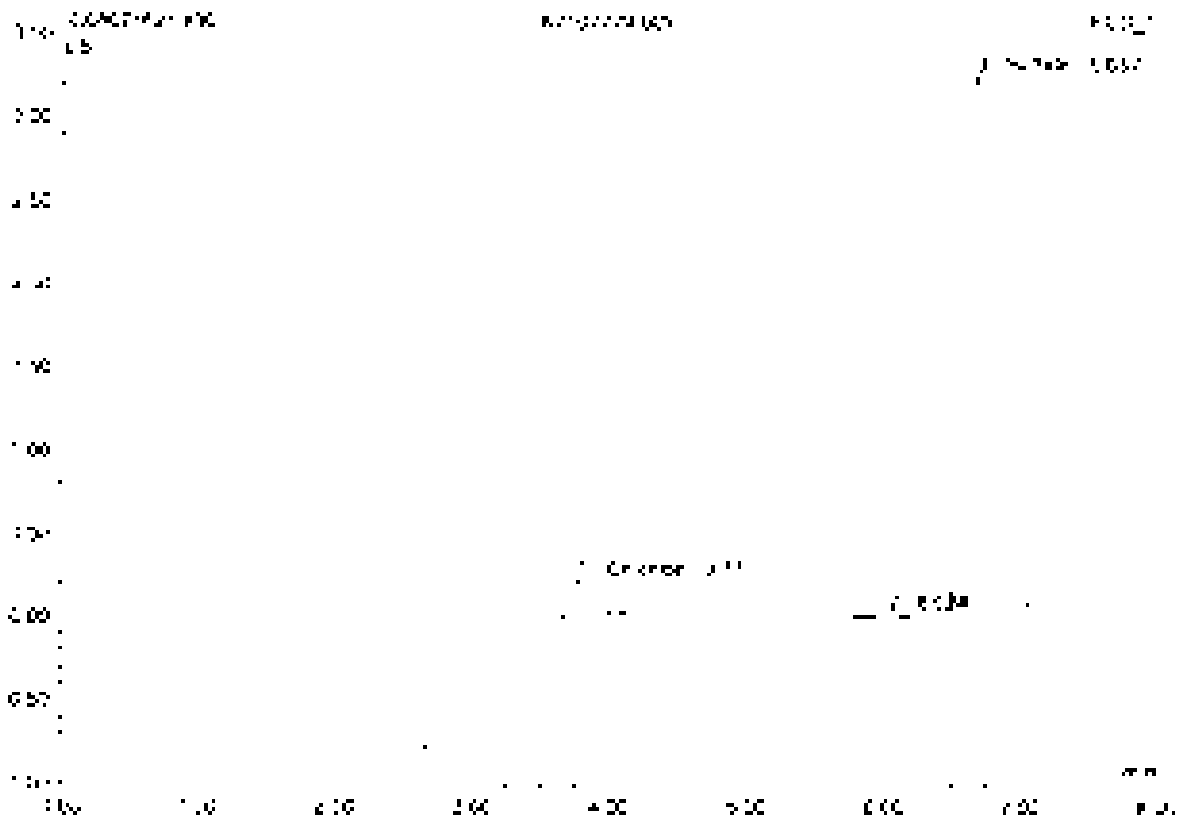
Sample Name	K2107729-009	Injection Volume	25.0
Vial Number	17	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quantitation Method	spa300	Dilution Factor	10.0000
Recording Time	7/19/2021 14:12	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.77	Chloride	4.130	0.549	3.27	31.690	BV3
2	5.04	n.a.	5.055	0.610	3.63	n.a.	BV3
3	5.74	Sulfate	60.260	15.797	93.10	1314.912	BV3
Total:			64.845	16.958	100.00	1346.601	

30 K2107729-009

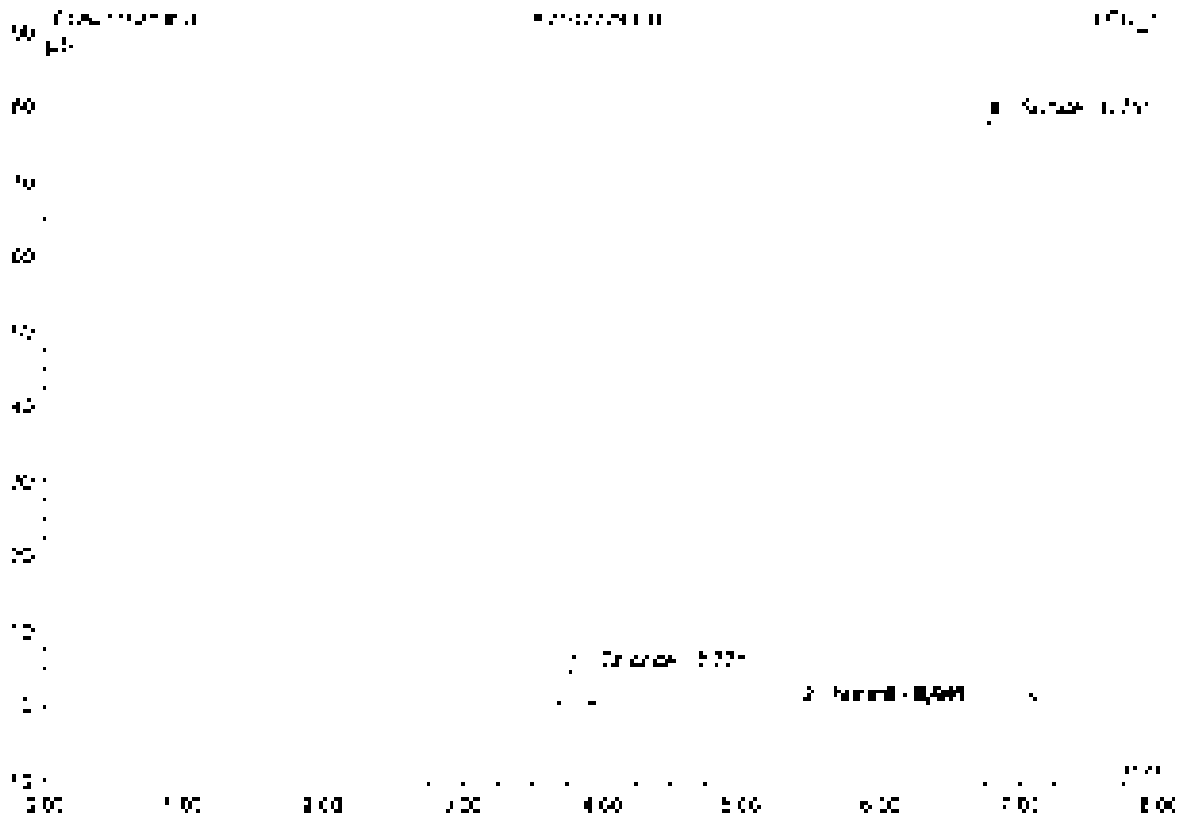
Sample Name	K2107729-009	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	200.0000
Processing Time	7/14/2021 16:22	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.77	Chloride	0.225	0.030	4.44	30.892	BV0
2	5.02	n.a.	0.025	0.009	1.05	n.a.	BV0
3	5.86	Sulfate	1.224	0.671	94.47	1329.255	BV0
Total:			1.475	0.710	100.00	1125.557	

31 K2107729-010

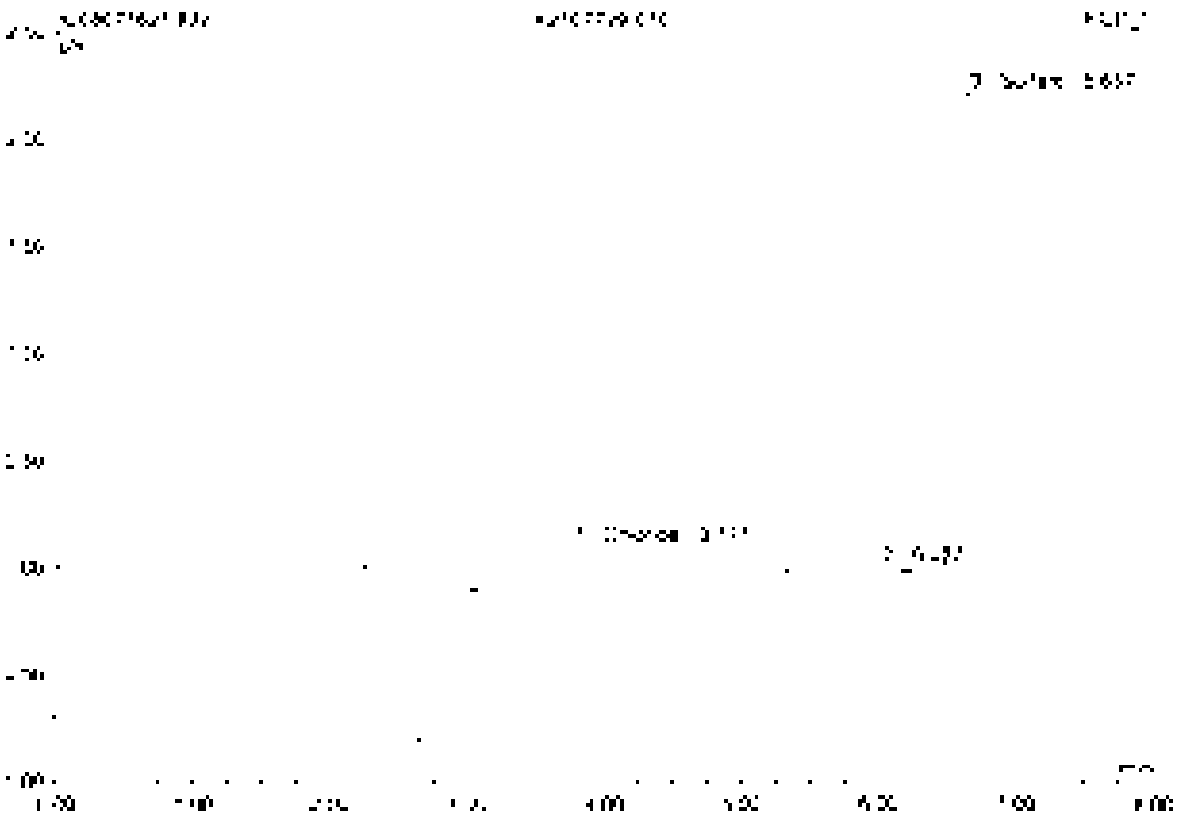
Sample Name	K2107729-010	Injection Volume	26.0
Vial Number	19	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	10.0000
Recovery Time	7/15/2021 14:3[illegible]	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.77	Chloride	4.538	0.549	2.35	31.759	BV8
2	5.44	Nitrate	0.028	0.005	0.02	0.119	BV5
3	6.04	n.a.	0.057	0.010	0.04	n.a.	BMB
4	6.75	Sulfate	77.656	22.819	97.59	1352.511	BV0
Total:			82.278	23.383	100.00	1384.340	

32 K2107729-010

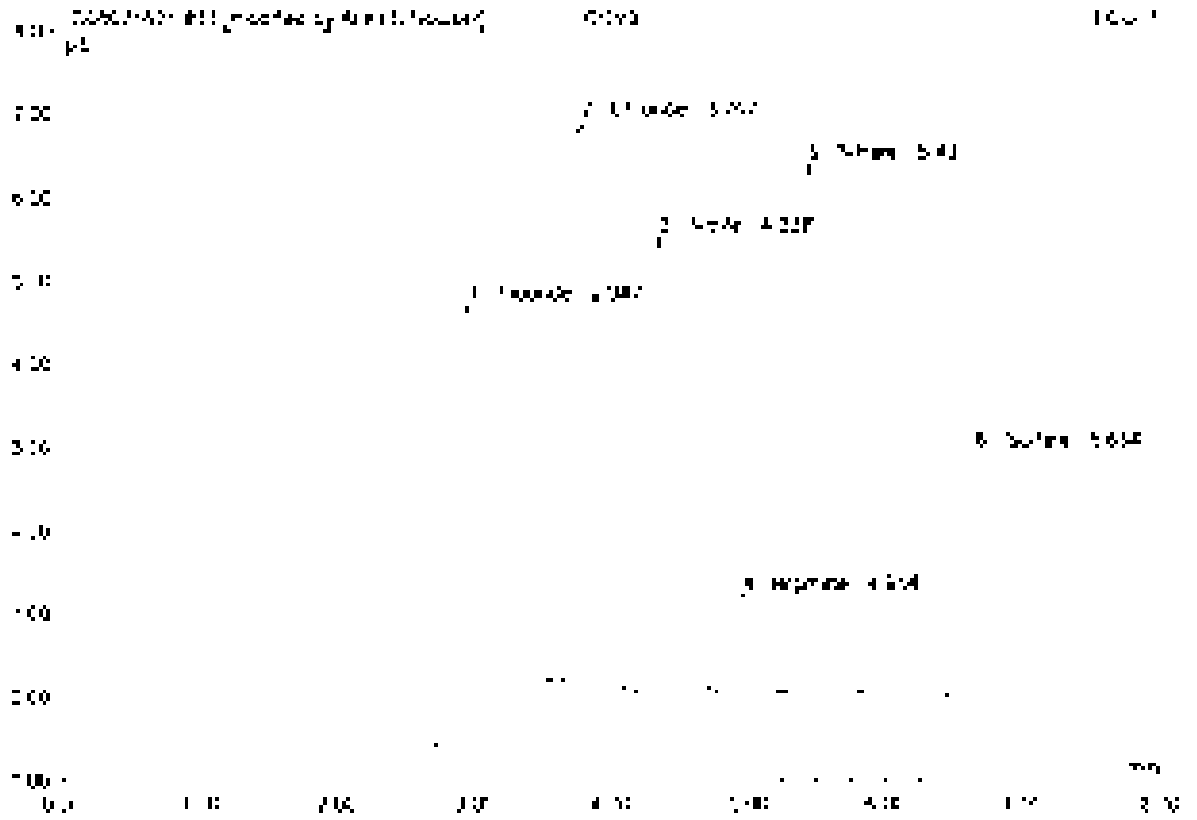
Sample Name	K2107729-010	Injection Volume	25.0
Vial Number	36	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	sgus300	Bandwidth	n.a.
Control Method	sgus300	Dilution Factor	400.0000
Recording Time	7/16/2021 16:41	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Chloride	0.145	0.056	9.45	[illegible]	BMB
2	6.03	n.a.	0.027	0.015	2.52	n.a.	BMB
3	6.65	Sulfate	2.213	0.463	87.73	1522.344	BMB
Total			2.385	0.534	100.00	1538.974	

33 CCV3

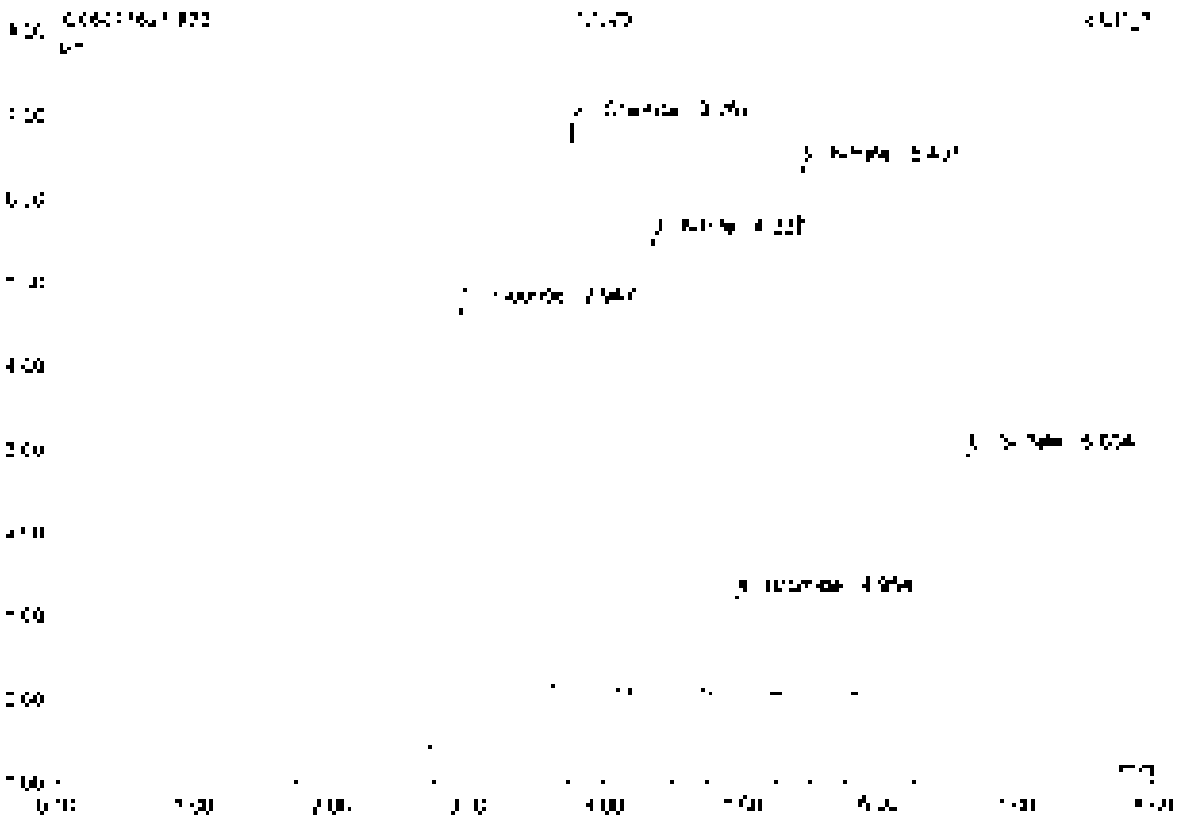
Sample Name	CCV3	Injection Volume	25.0
Vial Number	48	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant Method	wpa300	Dilution Factor	1.0000
Recovery Time	7/14/2021 15:01	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	5.112	1.244	25.59	4.953	BV8*
2	3.77	Chloride	6.085	0.605	12.44	4.821	BV8*
3	4.34	Nitrite	5.457	0.608	12.34	2.465	BV8
4	4.55	Bromide	1.159	0.171	3.58	2.415	BV8
5	5.43	Nitrate	6.349	1.049	21.60	2.450	BV8
6	6.85	Sulfate	2.933	0.615	12.65	4.995	BV8
Total			27.605	4.865	100.00	22.137	

33 CCV3

Sample Name	CCV3	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Current Method	epa300	Dilution Factor	1.0000
Recording Time	7/14/2021 15:01	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000

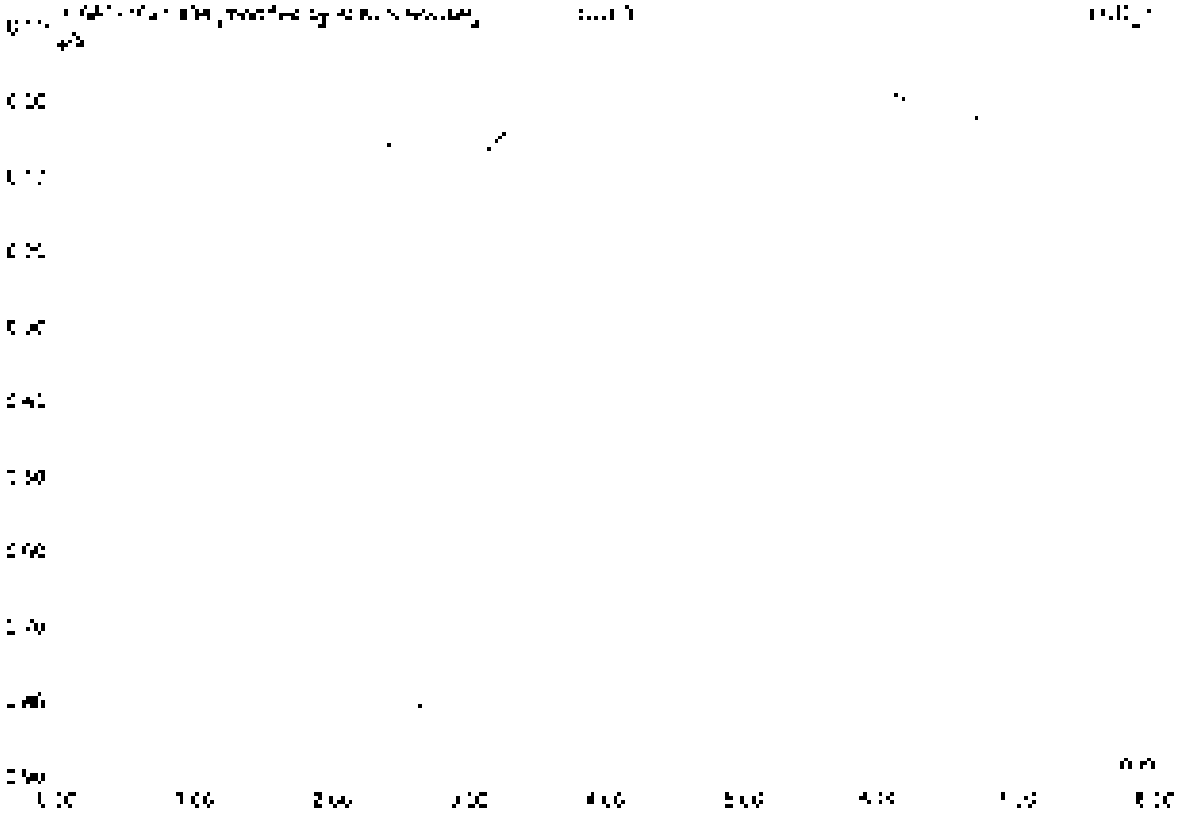


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.53	Fluoride	5.142	[illegible]	20.75	5.154	BMB
2	3.77	Chloride	6.785	0.835	17.26	4.821	BMB
3	4.34	Nitrite	5.467	0.878	18.15	2.466	BMB
4	4.66	Bromide	[illegible]	0.171	3.54	2.415	BMB
5	5.40	Nitrate	6.349	[illegible]	21.57	2.430	BMB
6	6.65	Sulfate	7.933	0.615	12.72	4.555	BMB
Total			27.526	4.837	100.00	22.321	

Reference

34 CCB3

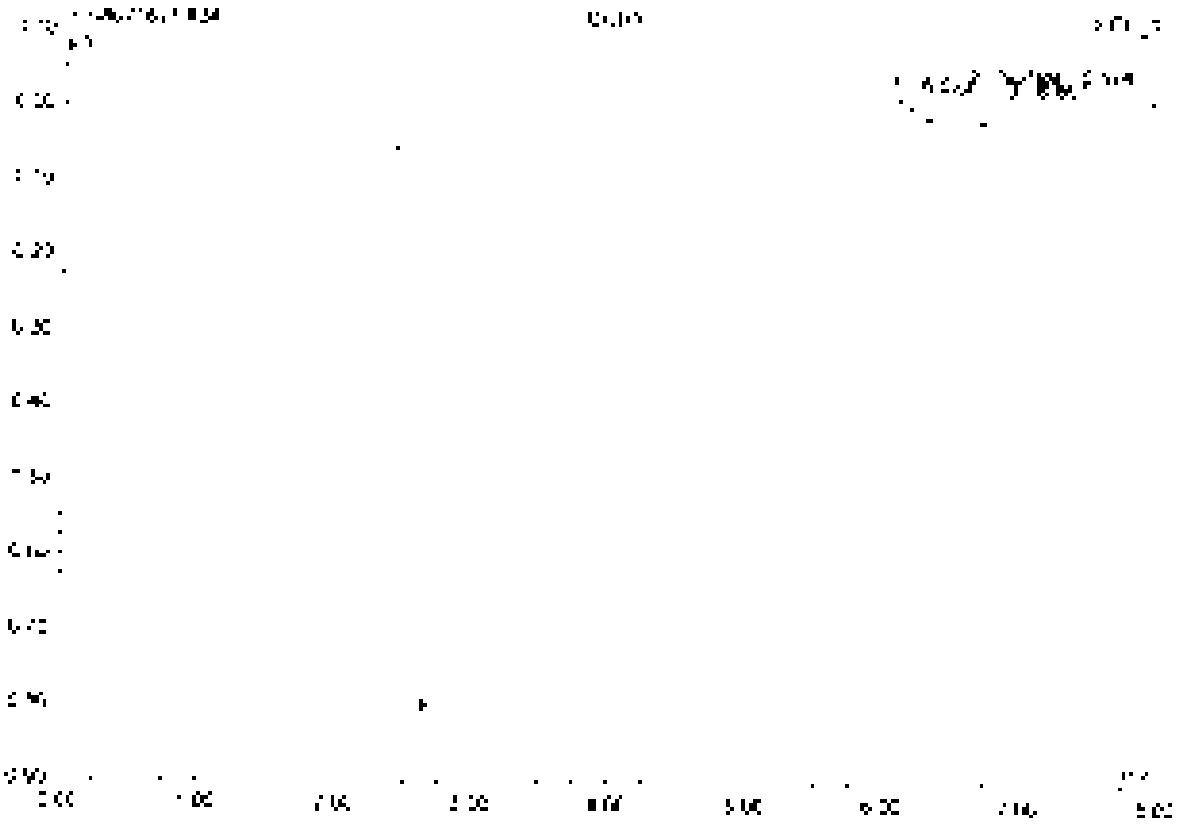
Sample Name	CCB3	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quantit. Method	spa300	Dilution Factor	1.0000
Recording Time	7/14/2021 15:10	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

34 CCB3

Sample Name	CCB3	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	7/14/2021 15:19	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



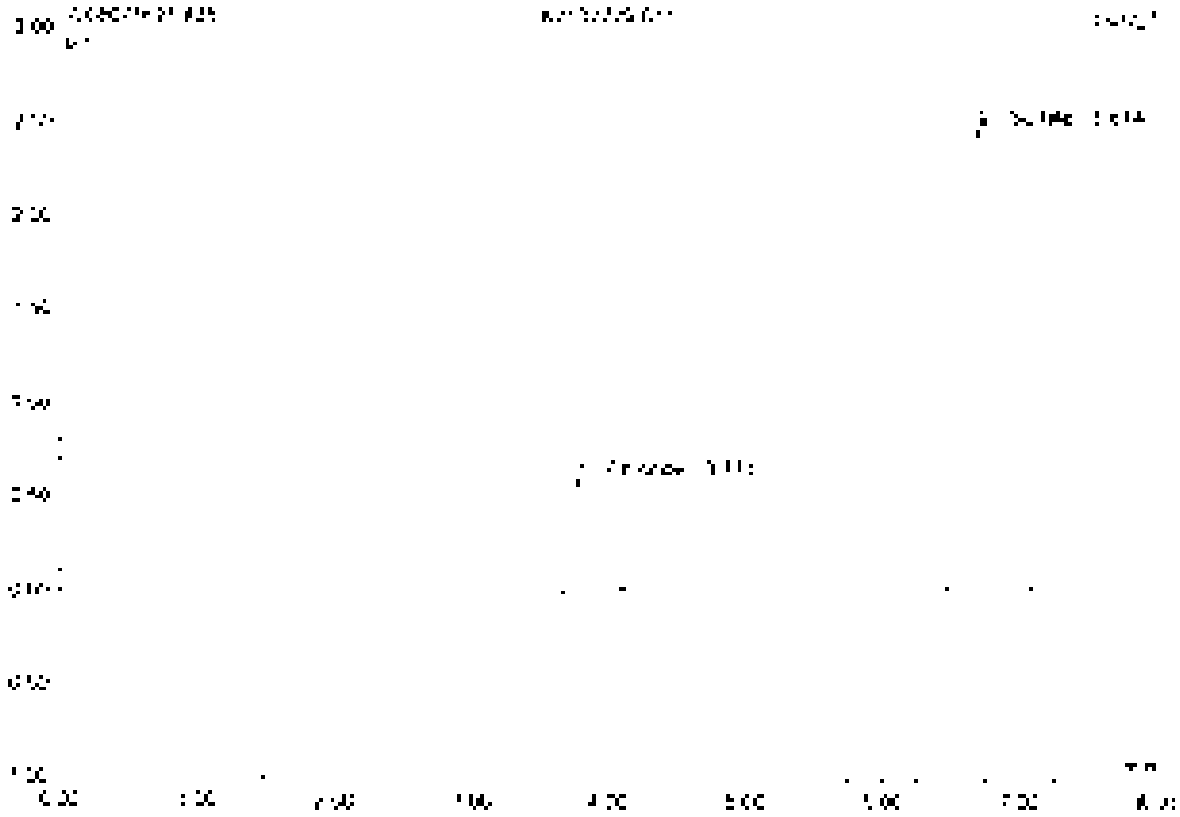
No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.02	n.a.	0.092	1.345	97.98	n.a.	BMB
2	5.57	Sulfate	0.049	0.008	0.60	0.057	BMB
3	6.86	n.a.	0.031	0.019	1.42	n.a.	BVB
Total			0.172	1.373	100.00	0.057	

Before

JUL 15 4

35 K2107729-011

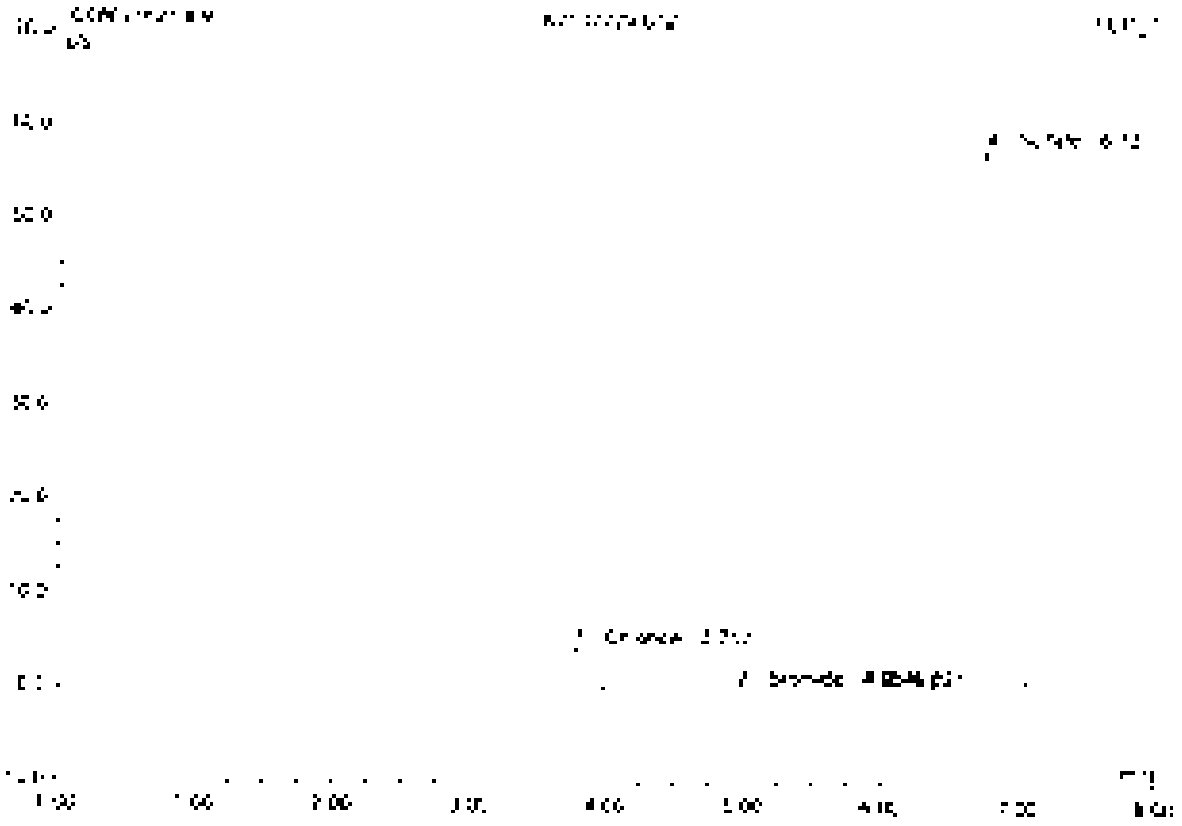
Sample Name	K2107729-011	Injection Volume	25.0
Vial Number	21	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Count Method	epa300	Dilution Factor	10.0000
Recording Time	Tri 6/2021 15:30	Sample Weight	1.0000
Run Time (min.)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.77	Chlorine	0.504	0.075	12.80	4.681	BV B
2	6.67	S. lata	2.450	0.529	87.20	42.691	BV B
Total:			3.954	0.606	100.00	47.372	

36 K2107729-012

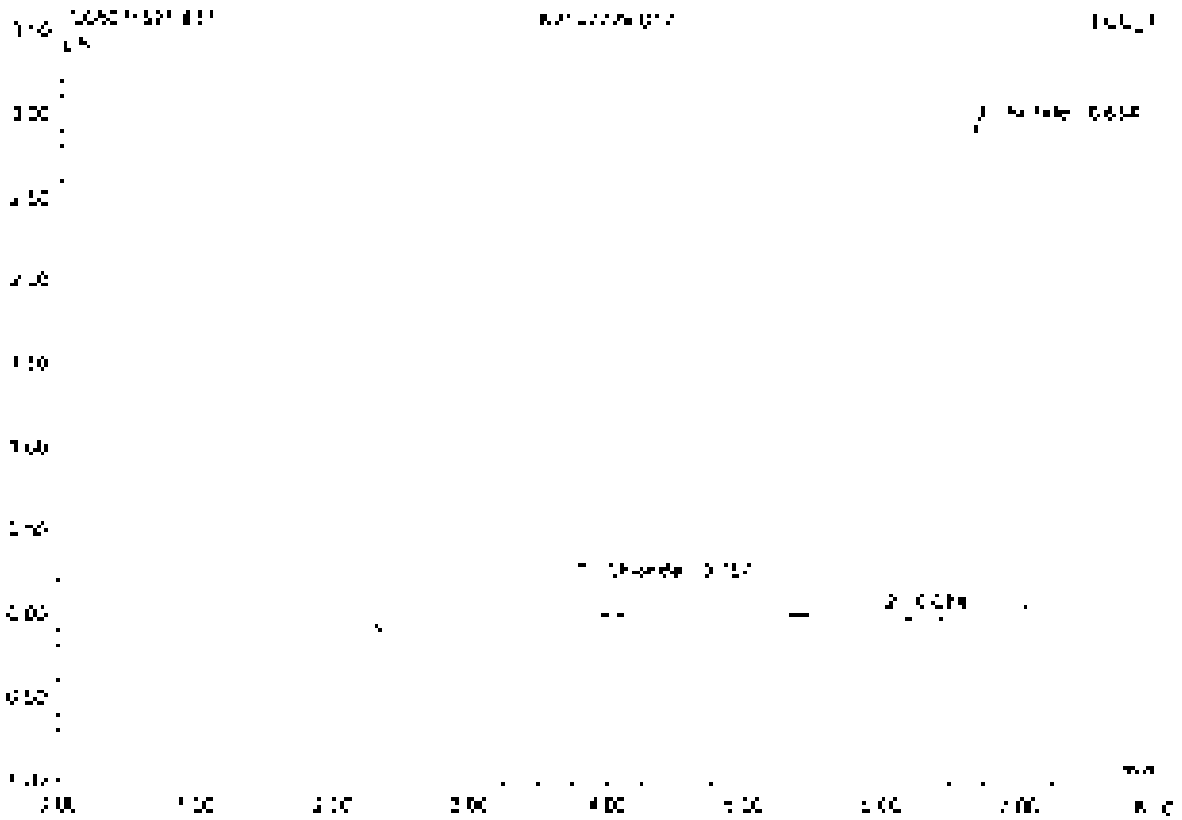
Sample Name	K2107729-012	Injection Volume	25.0
Vial Number	22	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quantit. Method	spa300	Dilution Factor	10.0000
Acquisition Time	7/16/2021 15:30	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.17	Chloride	0.237	0.536	0.47	30.970	BMB
2	4.50	Bromide	0.034	0.068	0.05	1.052	BMB
3	6.02	n.a.	0.034	0.013	0.06	n.a.	BMB
4	6.73	Sulfate	52.329	14.561	98.40	[illegible]	BMB
Total:			61.700	15.458	100.00	[illegible]	

37 K2107729-012

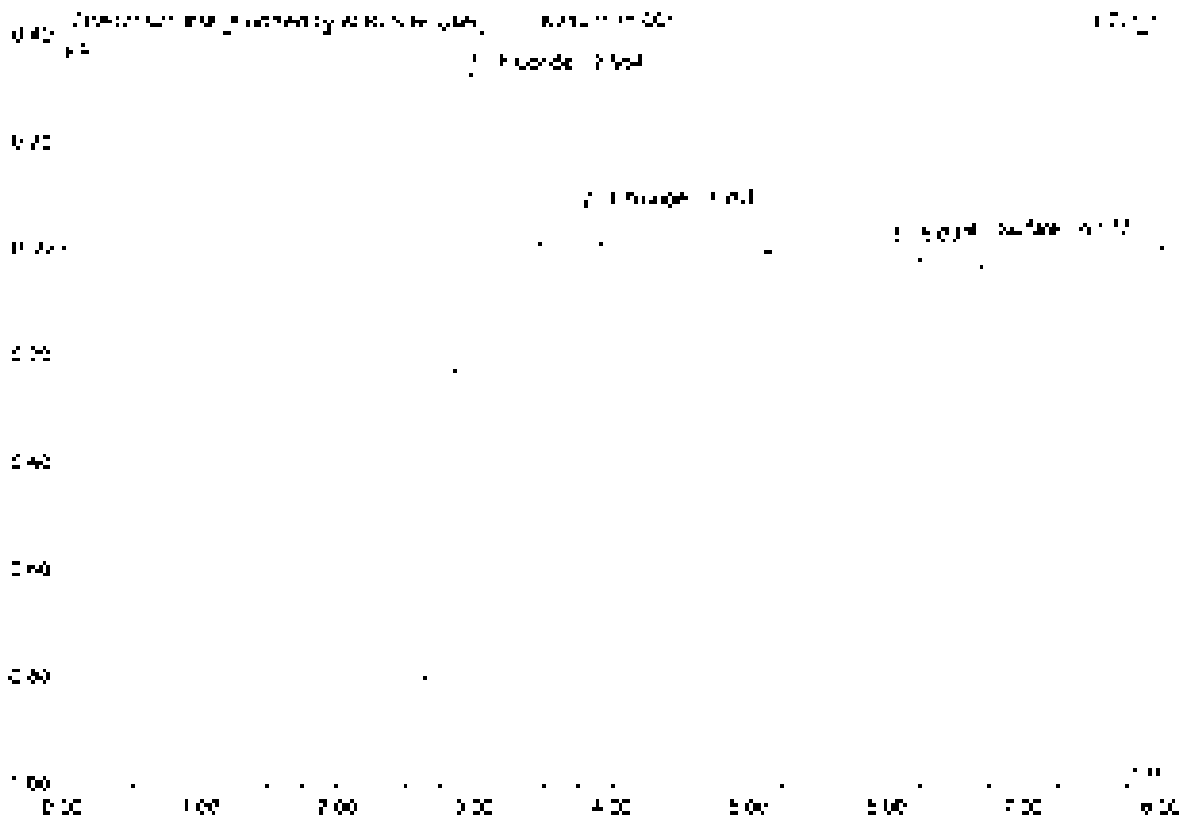
Sample Name	K2107729-012	Injection Volume	25.0
Vial Number	37	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	200.0000
Recording Time	7/14/2021 19:40	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.77	Chloride	0.278	0.031	4.64	35.842	BV*2
2	6.32	n.a.	0.033	0.015	2.42	n.a.	DV*3
3	5.64	Sulfate	2.947	0.621	92.94	1308.668	BV*1
Total:			3.258	0.668	100.00	1344.511	

3B K2107531-001

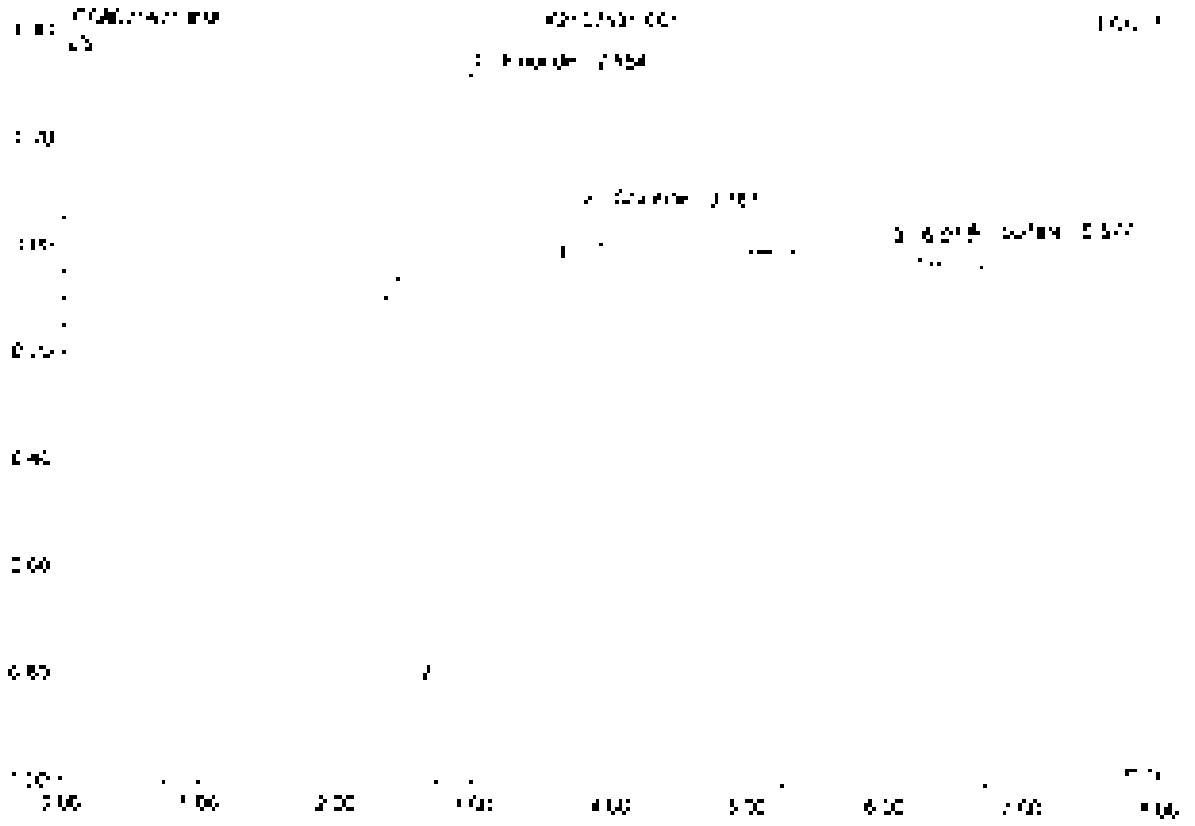
Sample Name	K2107531-001	Injection Volume	25.0
Vial Number	24	Channel	CCD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Sandwich	n.a.
Quant. Method	epa300	Dilution Factor	2.0000
Recording Time	7/14/2021 15:49	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.95	Fluoride	0.526	0.135	82.28	[illegible]	BV*A*
2	3.77	Chloride	0.058	0.008	4.70	0.080	BV*B*
3	5.50	n.a.	0.025	0.013	7.96	n.a.	BM*b
4	5.58	Sulfate	0.049	0.008	5.05	0.134	BMB
Total			0.658	0.164	100.00	0.295	

38 K2107531-001

Sample Name	K2107531-001	Injection Volume	25.0
Vial Number	38	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Processing Time	7/15/2021 15:49	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



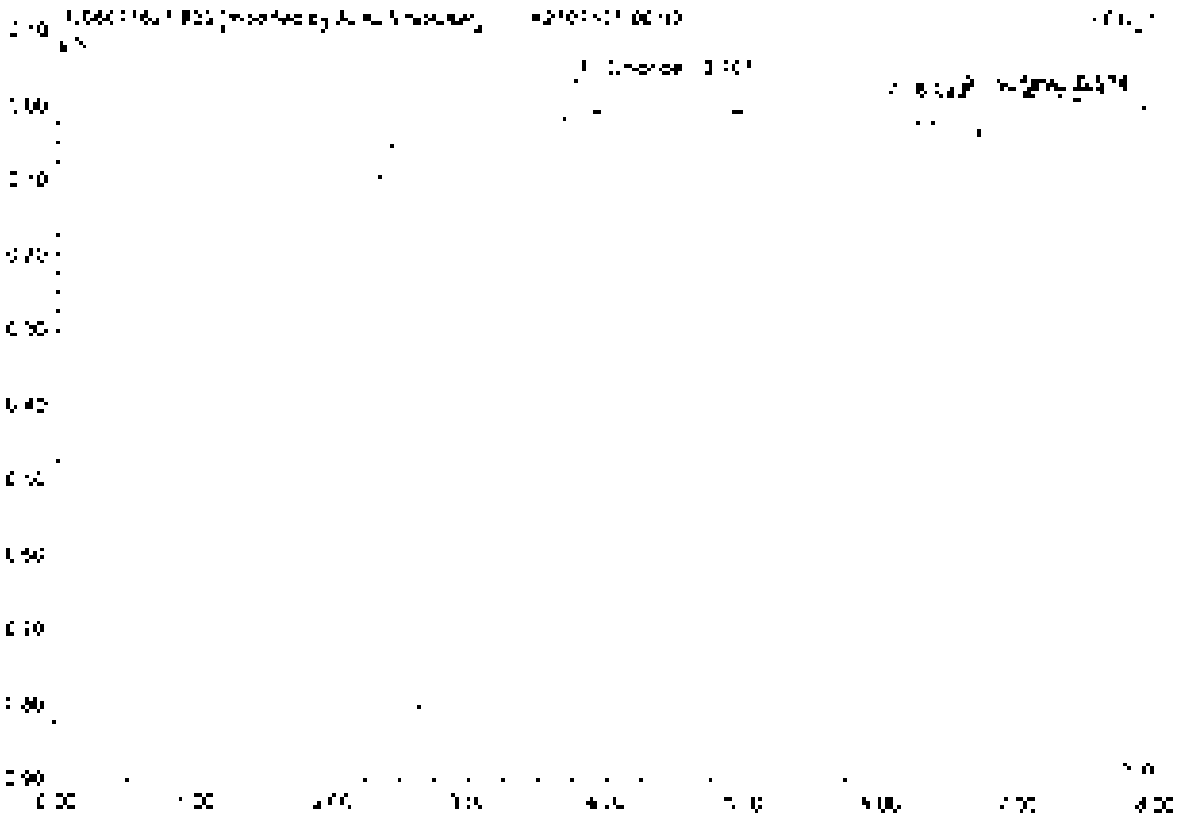
Nos.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.95	Chloride	0.357	0.349	97.33	2.775	BVB
2	3.77	Chlorate	0.008	0.008	2.02	0.089	BVB
3	5.03	[illegible]	0.026	0.013	3.45	n.a.	BMB
4	5.58	Sulfate	0.049	0.008	2.15	0.134	BMB
Total:			0.430	0.378	100.00	3.002	

Before

[illegible]

38 K2107531-001D

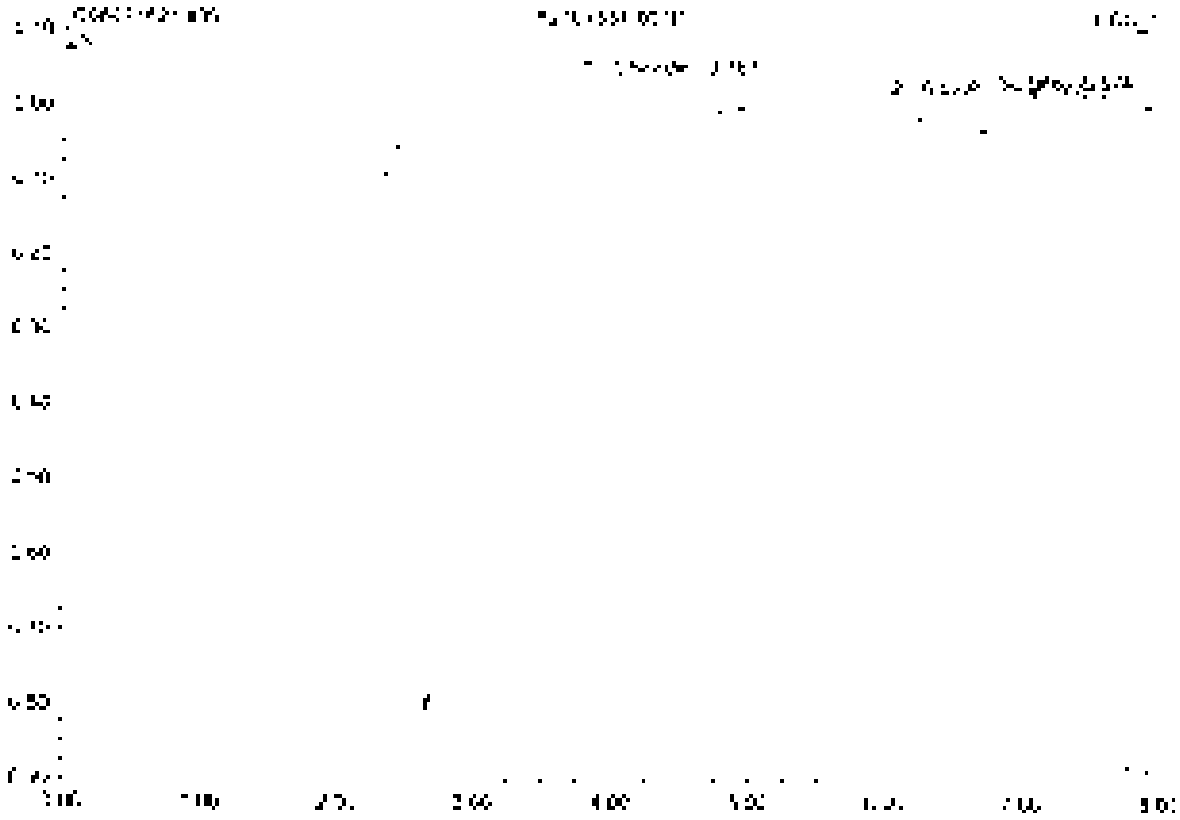
Sample Name	K2107531-001D	Injection Volume	25.0
Vial Number	25	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	7/16/2021 15:59	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.77	Chlorine	0.001	0.005	11.70	0.060	BV B*
2	5.02	n.a.	0.028	0.015	30.24	n.a.	BMb'
3	5.37	Sulfate	0.045	0.008	16.00	0.102	bVB
4	7.02	n.a.	0.030	0.021	42.06	n.a.	BMD
Total:			0.151	0.051	100.00	0.201	

39 K2107531-001D

Sample Name	K2107531-001D	Injection Volume	25.0
Vial Number	25	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Current Method	epa300	Dilution Factor	2.0000
Recording Time	7/19/2021 15:59	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



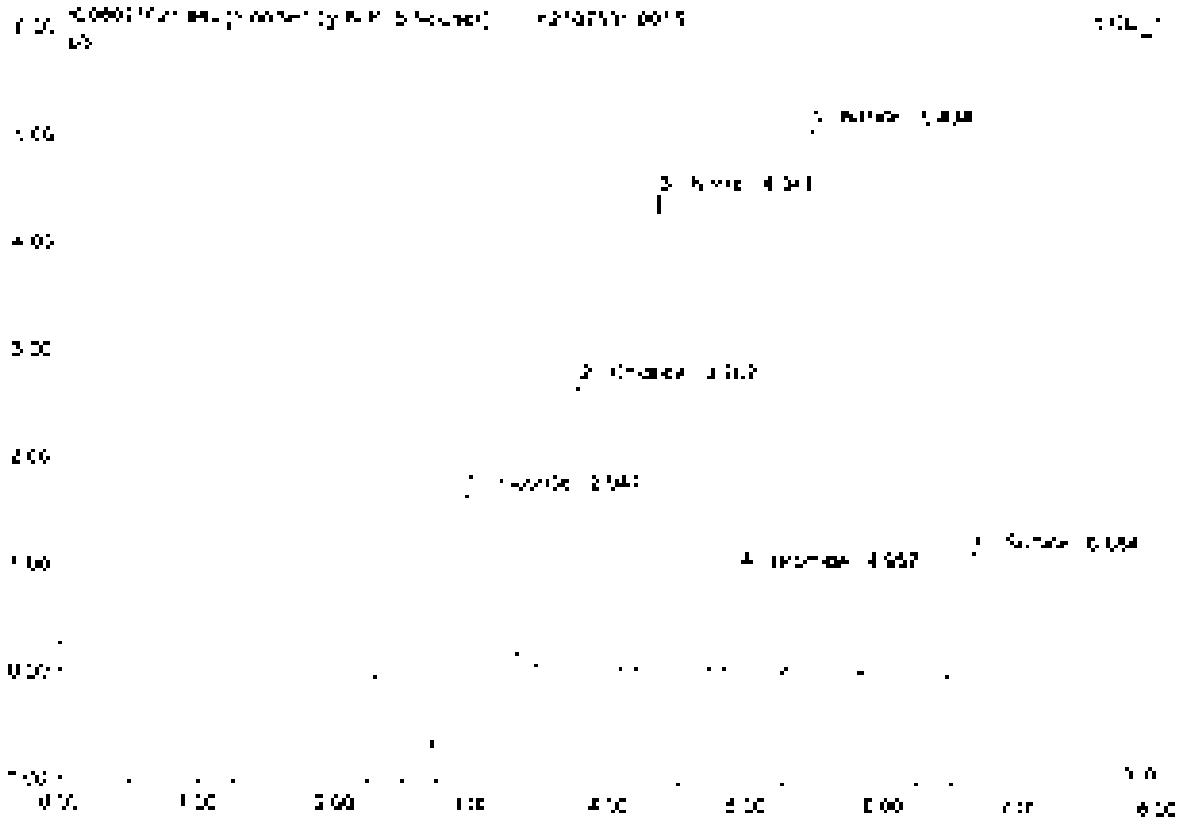
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.77	Chloride	0.420	0.560	93.52	7.885	BMB
2	6.05	n.a.	0.028	0.015	2.12	n.a.	BMD
3	5.57	Sulfate	0.048	0.008	1.17	0.132	BMB
4	7.02	n.a.	0.033	0.021	2.54	n.a.	BMD
Total:			0.525	0.726	100.00	8.022	

Before

[illegible]

40 K2107531-001S

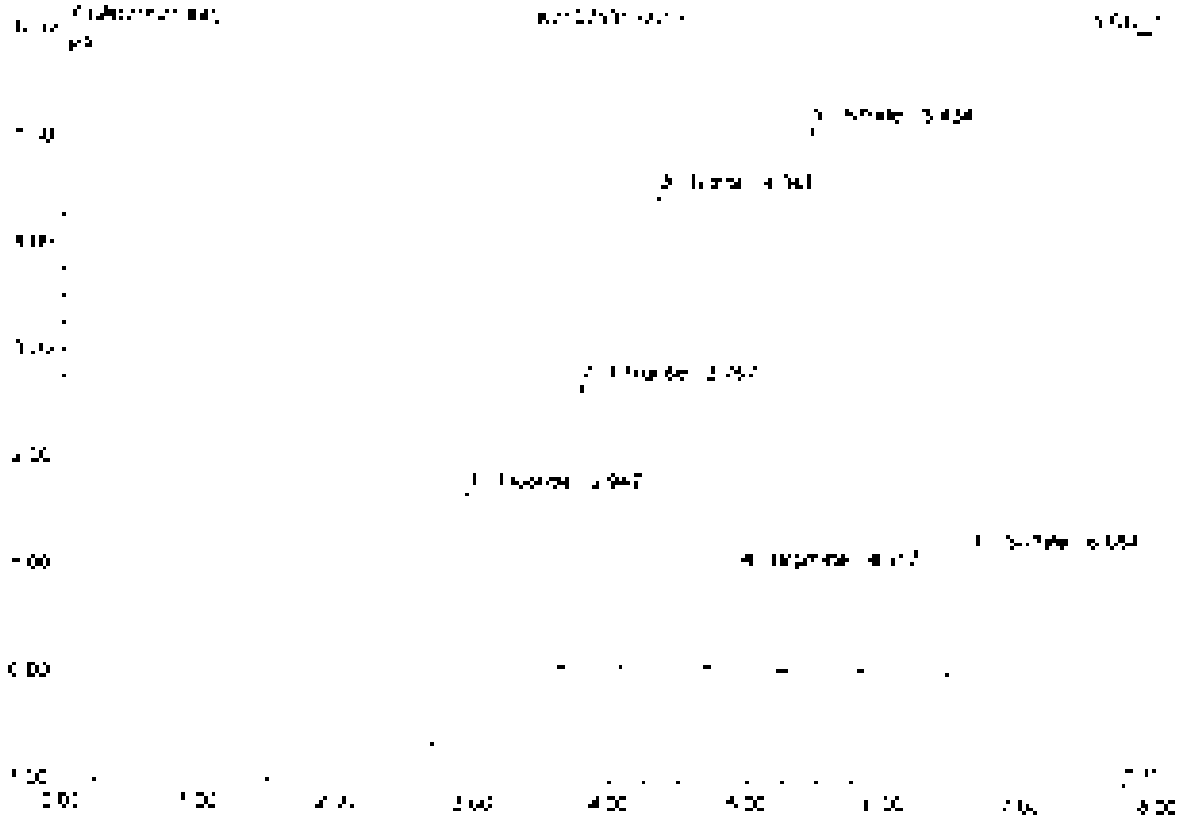
Sample Name	K2107531-001S	Injection Volume	25.0
Vial Number	26	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	4.0000
Recovery Time	7/19/2021 15:08	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	2.127	0.551	19.54	8.716	BMB*
2	3.77	Chloride	2.561	0.333	11.80	7.658	BMB*
3	4.34	Nitrite	4.454	0.714	25.33	8.028	BVB
4	4.96	Bromide	0.939	0.136	4.84	7.852	BMB
5	5.43	Nitrate	5.062	0.832	29.52	7.570	BMB
6	6.55	Sulfate	1.153	0.245	8.68	7.545	BMB
Total:			16.425	2.820	100.00	48.359	

40 K2107531-001S

Sample Name	K2107531-001S	Injection Volume	35.0
Vial Number	38	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	7/15/2021 16:08	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



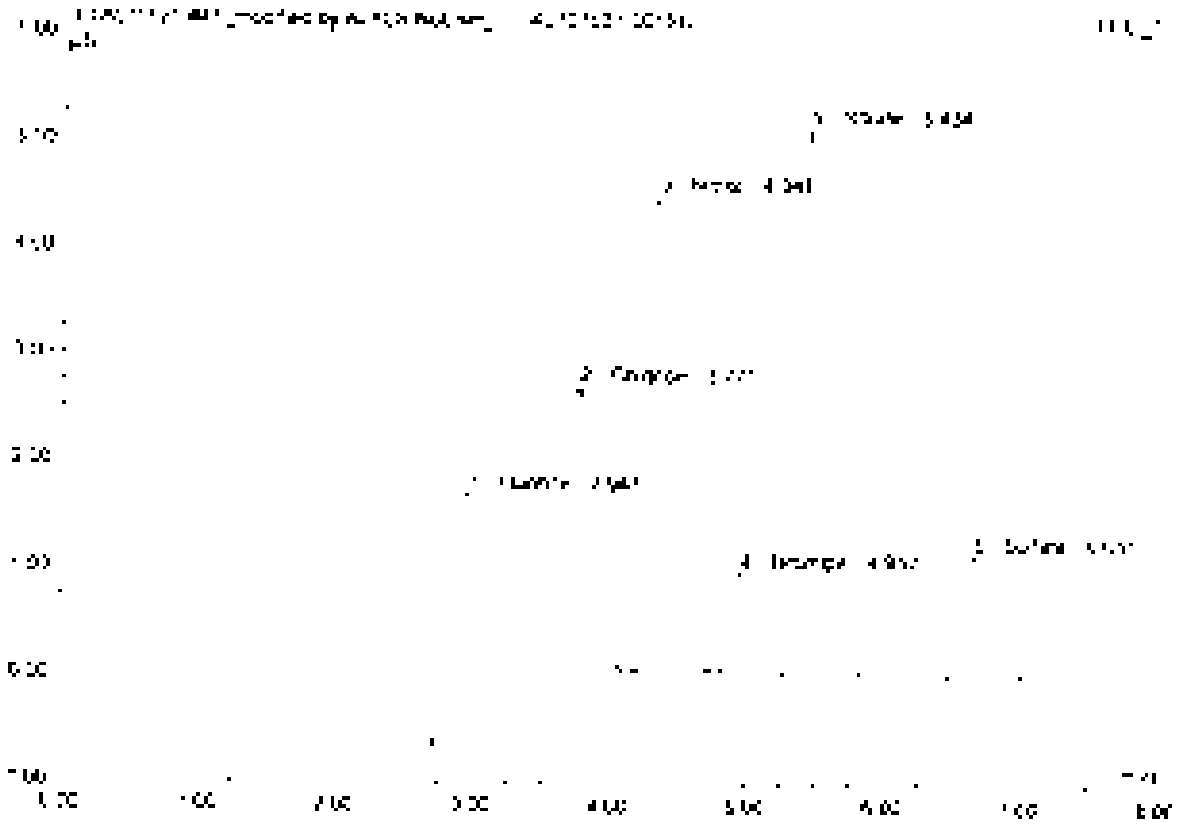
No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	2.178	0.627	21.64	5.094	BMB
2	3.77	Chloride	2.661	0.333	11.49	7.555	BMB
3	4.34	Nitrite	4.854	0.714	24.66	8.028	BVB
4	4.98	Bromide	0.859	0.139	4.81	7.512	BVB
5	5.43	Nitrate	5.090	0.658	22.55	7.270	BMD
6	6.65	Sulfate	1.153	0.245	8.45	7.945	BMB
Total:			15.477	2.926	100.00	43.405	

Before

[illegible]

41 K2107531-001SD

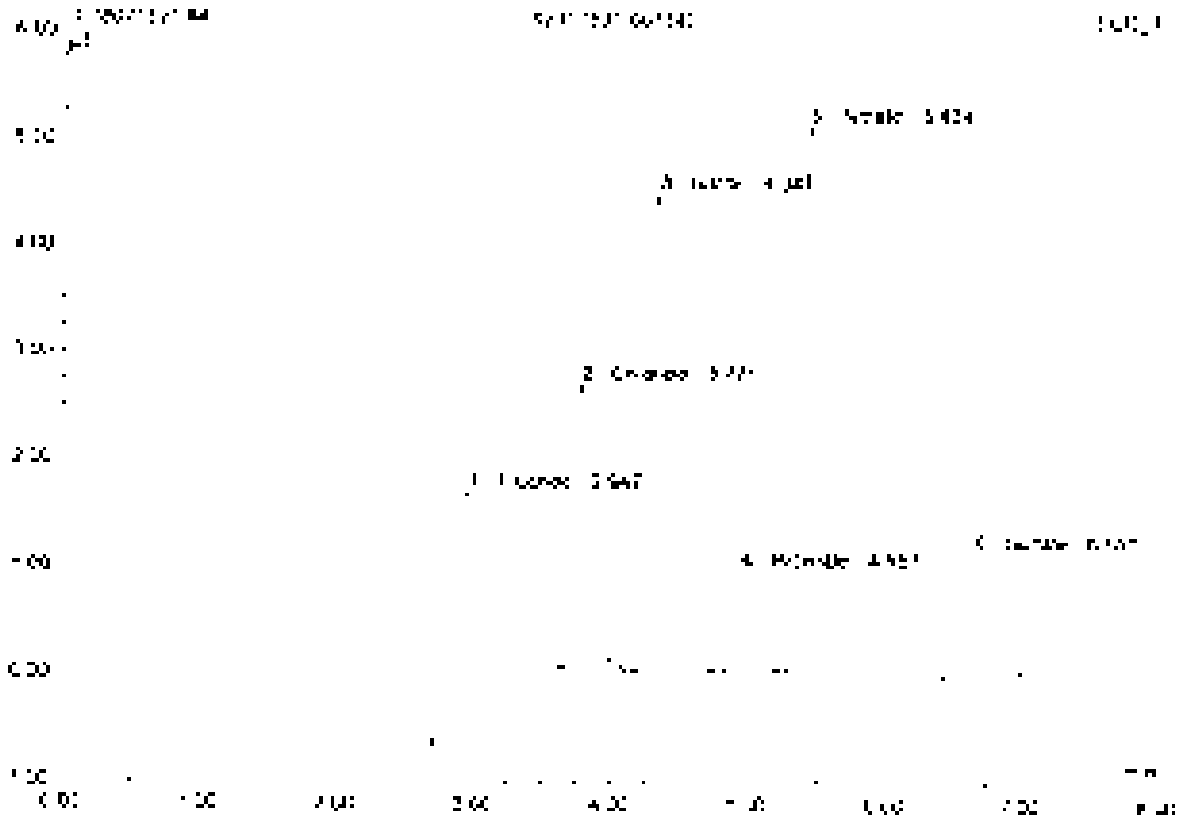
Sample Name	K2107531-001SD	Injection Volume	25.0
Vial Number	37	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	4.0000
Recording Time	7/15/2021 15:18	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	2.127	0.548	19.47	5.735	BMB*
2	3.37	Chloride	2.030	0.330	11.72	7.023	BMB*
3	4.34	Nitrite	4.459	0.715	25.38	8.035	BMB
4	4.96	Bromide	0.947	0.140	4.97	7.869	BMB
5	5.40	Nitrate	5.095	0.735	26.11	7.972	BMB
6	6.66	Sulfate	1.153	0.245	8.69	7.951	BMB
Total:			15.425	2.816	100.00	45.205	

41 K2107531-001SD

Sample Name	K2107531-001SD	Injection Volume	25.0
Vial Number	37	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Column Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	4.0000
Recording Time	7/15/2021 16:19	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



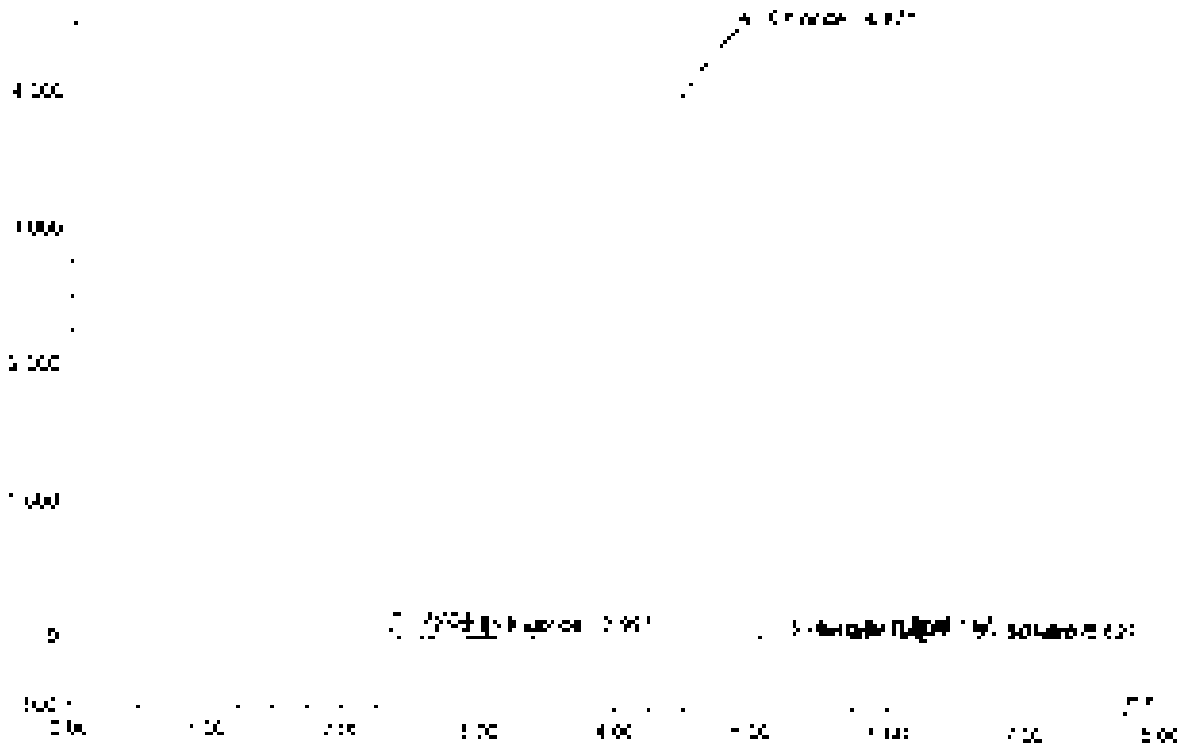
No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.46	Fluoride	2.182	0.625	21.68	10.001	BMB
2	3.77	Chloride	2.550	0.330	11.39	7.523	BMB
3	4.34	Nitrite	4.459	0.715	24.68	0.033	BMB
4	4.96	Bromide	0.342	0.140	4.83	[illegible]	BMB
5	5.43	Nitrate	5.068	0.832	28.95	7.972	BMB
6	6.55	Sulfate	1.151	0.245	8.46	[illegible]	BMB
Total:			15.483	2.896	100.00	49.472	

Before

Jl: [illegible]

42 K2107531-002

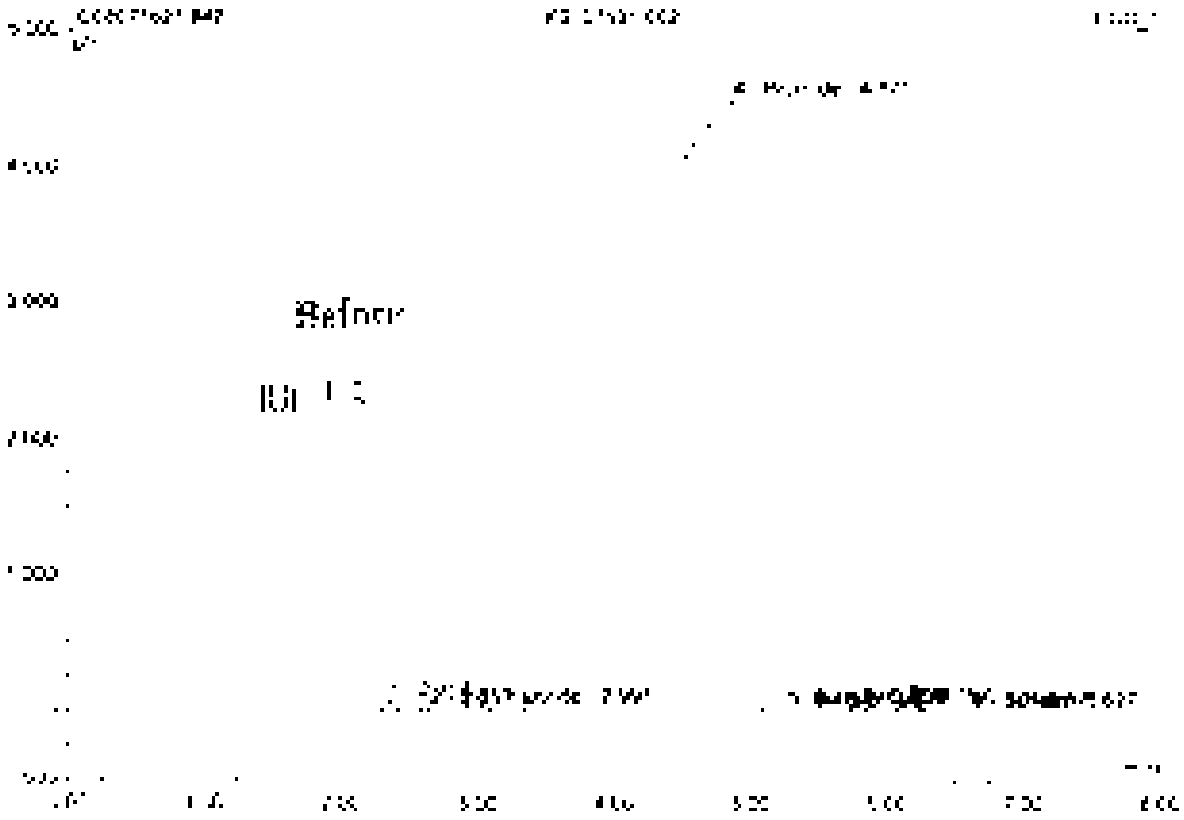
Sample Name	K2107531-002	Injection Volume	26.0
Vial Number	26	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/16/2021 10:27	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.36	n.a.	66.515	6.184	0.11	n.a.	BMB
2	2.66	n.a.	8.026	1.404	0.02	n.a.	BMB
3	3.00	Fluoride	15.012	3.219	0.08	30.410	BMB
4	4.07	Chloride	4474.066	3674.824	99.00	**********	BV BV
5	5.22	Nitrite	2.962	0.276	0.01	1.311	BMB
6	5.47	n.a.	0.489	0.038	0.00	n.a.	BMB
7	5.80	n.a.	20.675	2.773	0.06	n.a.	BVB
8	6.17	n.a.	36.671	5.169	0.11	n.a.	BVB
9	6.63	Sulfate	0.303	0.037	0.00	0.602	BMB
10	6.87	n.a.	0.578	0.066	0.00	n.a.	BMB
Total			4624.366	4653.608	100.00	**********	

42 K2107531-002

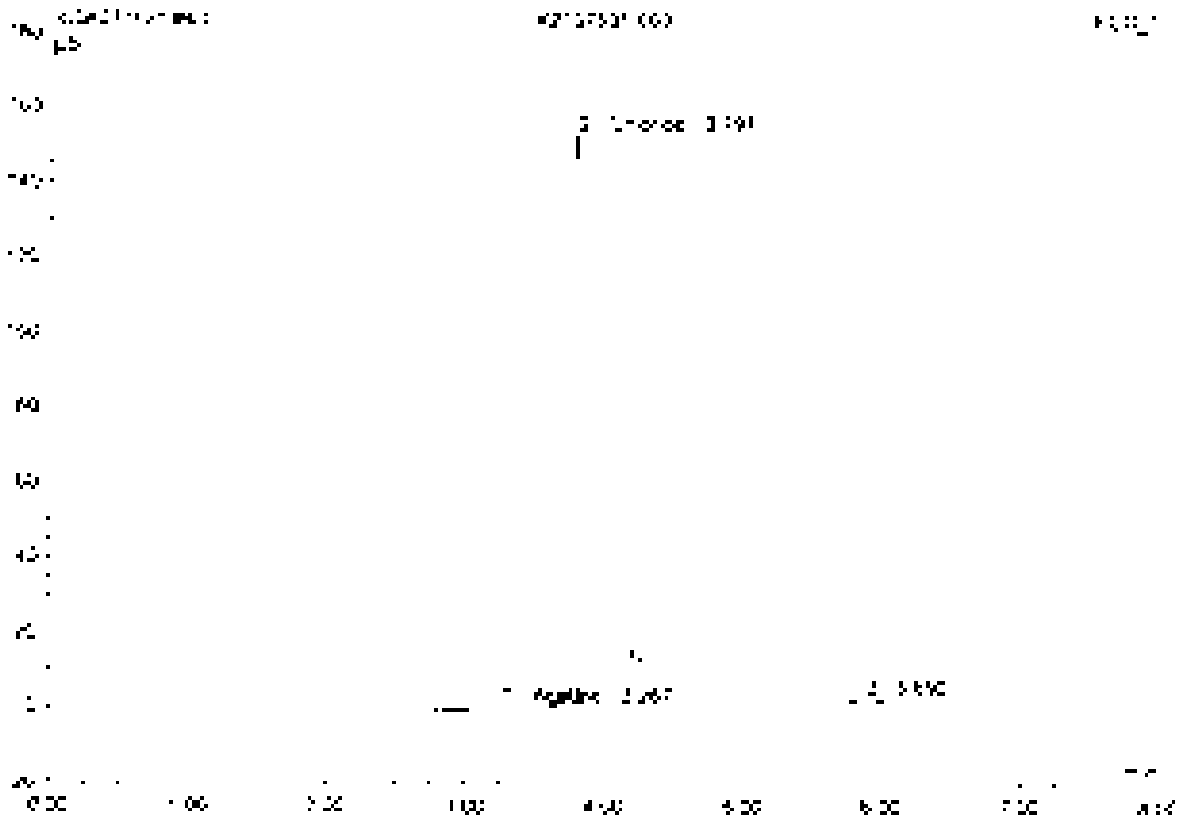
Sample Name	K2107531-002	Injection Volume	25.0
Vial Number	38	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Source Method	epa300	Dilution Factor	2.0000
Recovering Time	7/15/2021 18:27	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.36	n.a.	65.515	5.183	0.11	n.a.	BV B
2	2.66	n.a.	8.026	1.204	0.03	n.a.	bVb
3	3.06	Fluoride	15.053	3.819	0.08	30.413	bVb
4	4.87	Bromide	4474.085	4574.804	95.60	**********	bMB
5	5.28	Nitrate	2.562	0.276	0.01	1.317	BMB
6	5.47	n.a.	0.459	0.032	0.00	n.a.	BMB
7	5.80	n.a.	20.575	2.512	0.06	n.a.	BVb
8	6.17	n.a.	36.671	5.165	0.11	n.a.	bVB
9	6.63	Sulfate	0.301	0.017	0.00	0.002	BMB
10	6.85	n.a.	0.578	0.086	0.00	n.a.	BMB
Total:			4624.366	4693.608	100.00	**********	

43 K2107531-003

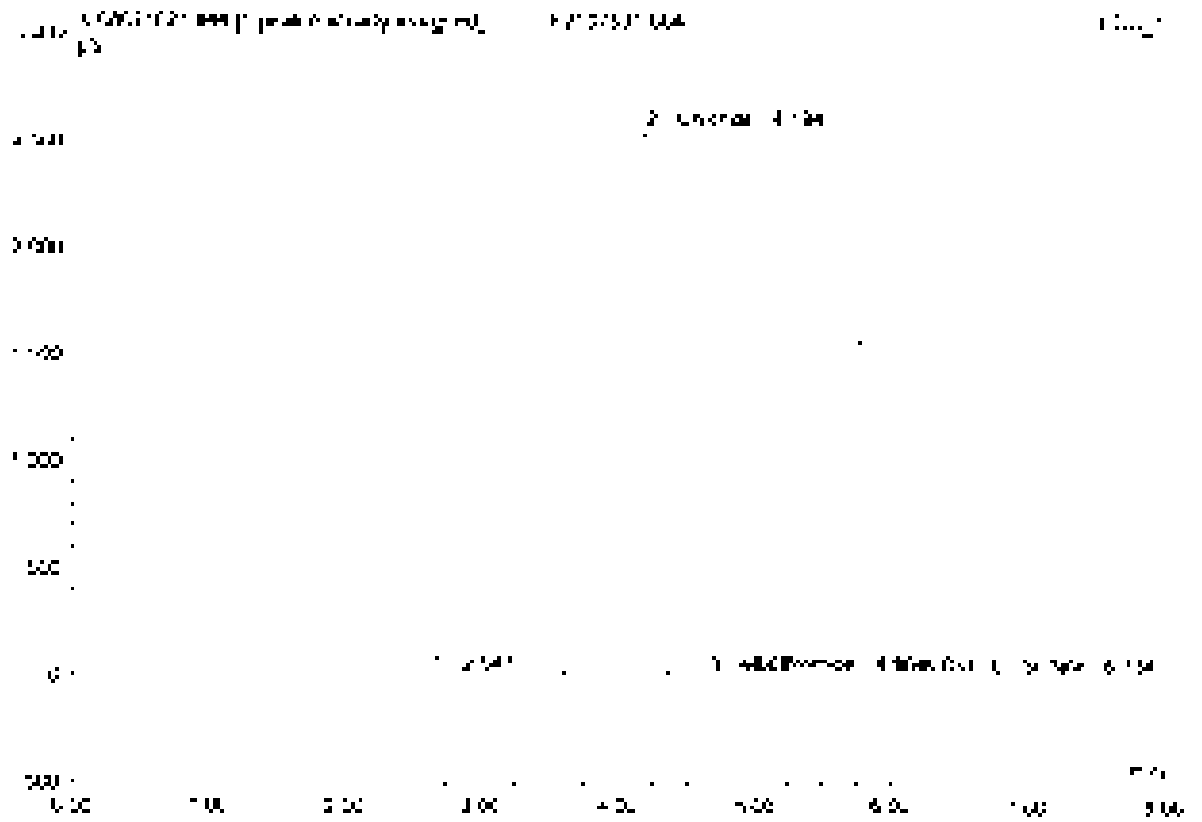
Sample Name	K2107531-003	Injection Volume	25.0
Vial Number	29	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantif. Method	wpa300	Dilution Factor	2.0000
Processing Time	7/16/2021 16:37	Sample Weight	1.0000
Run Time [illegible]	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	[illegible]	Acetate	[illegible]	[illegible]	[illegible]	n.a.	BMB
2	2.80	Chloride	[illegible]	23.265	97.58	[illegible]	BMB
3	3.59	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

44 K2107531-004

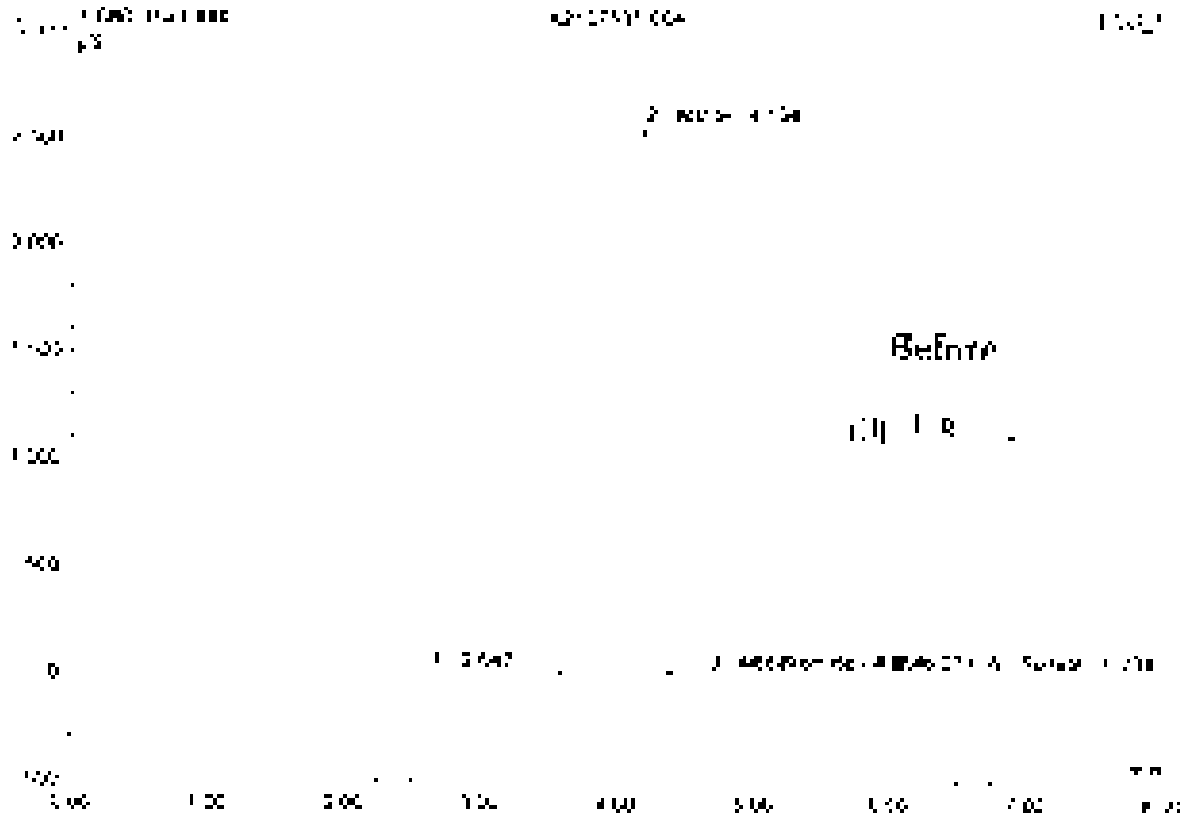
Sample Name	K2107531-004	Injection Volume	25.0
Vial Number	30	Column	EGD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Processing Time	7/19/2021 16:47	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.55	n.a.	3.557	1.357	0.17	n.a.	BMB
2	4.19	Chloride	2549.738	952.266	99.67	**********	BV8*
3	4.67	n.a.	0.053	0.018	0.00	n.a.	BMB
4	4.96	Bromide	0.065	0.005	0.00	0.249	BMB
5	5.93	n.a.	0.278	0.102	0.01	n.a.	BV8
6	6.33	Sulfate	0.212	0.040	0.00	0.549	BV3
Total:			2553.078	953.993	100.00	**********	

44 K2107531-004

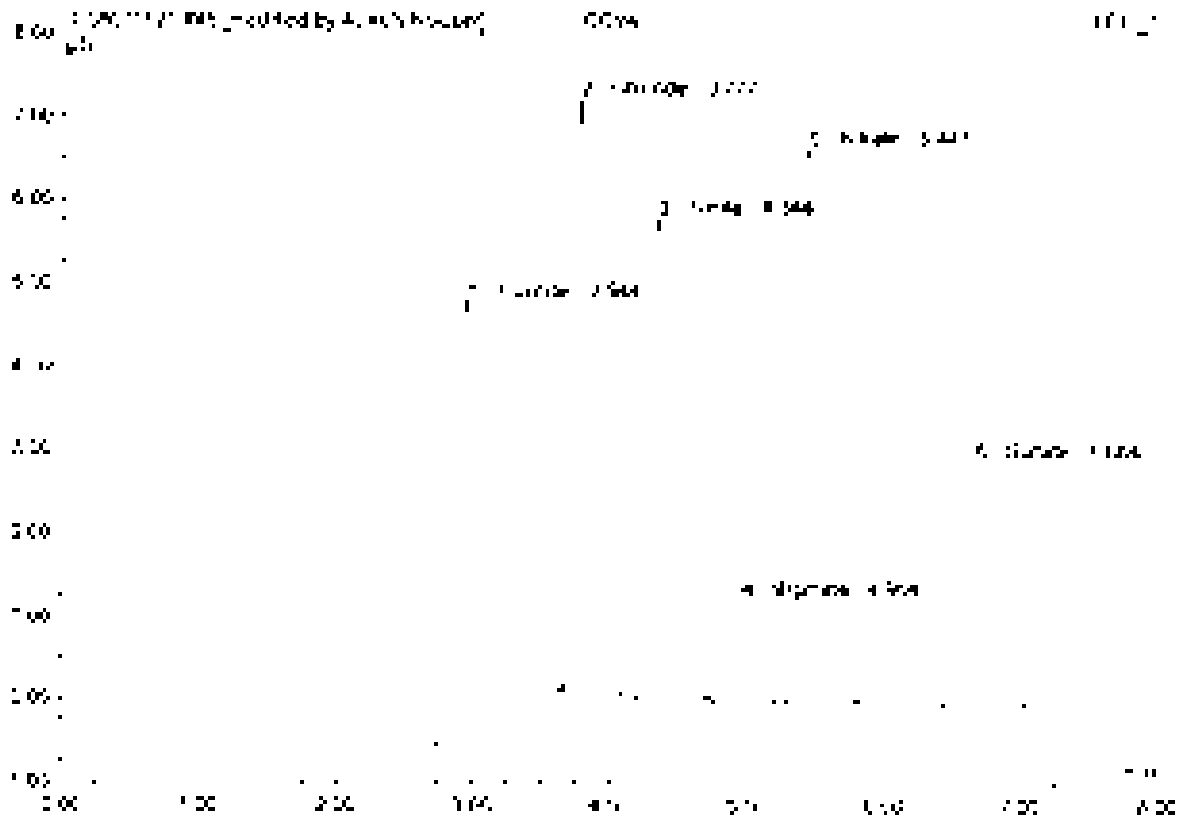
Sample Name	K2107531-004	Injection Volume	25.0
Vial Number	30	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	7/16/2021 16:47	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.66	n.a.	1.531	1.057	0.11	n.a.	BMB
2	4.75	Nitrate	2548.786	952.786	96.87	5334.336	BMB
3	4.87	n.a.	0.593	0.018	0.00	n.a.	BMB
4	4.96	Bromide	0.963	0.009	0.00	0.248	BMB
5	6.03	n.a.	0.275	0.132	0.01	n.a.	BMB
6	6.73	Sulfate	0.272	0.340	0.03	0.649	BMB
Total			2553.028	953.991	100.00	5335.835	

45 CCV4

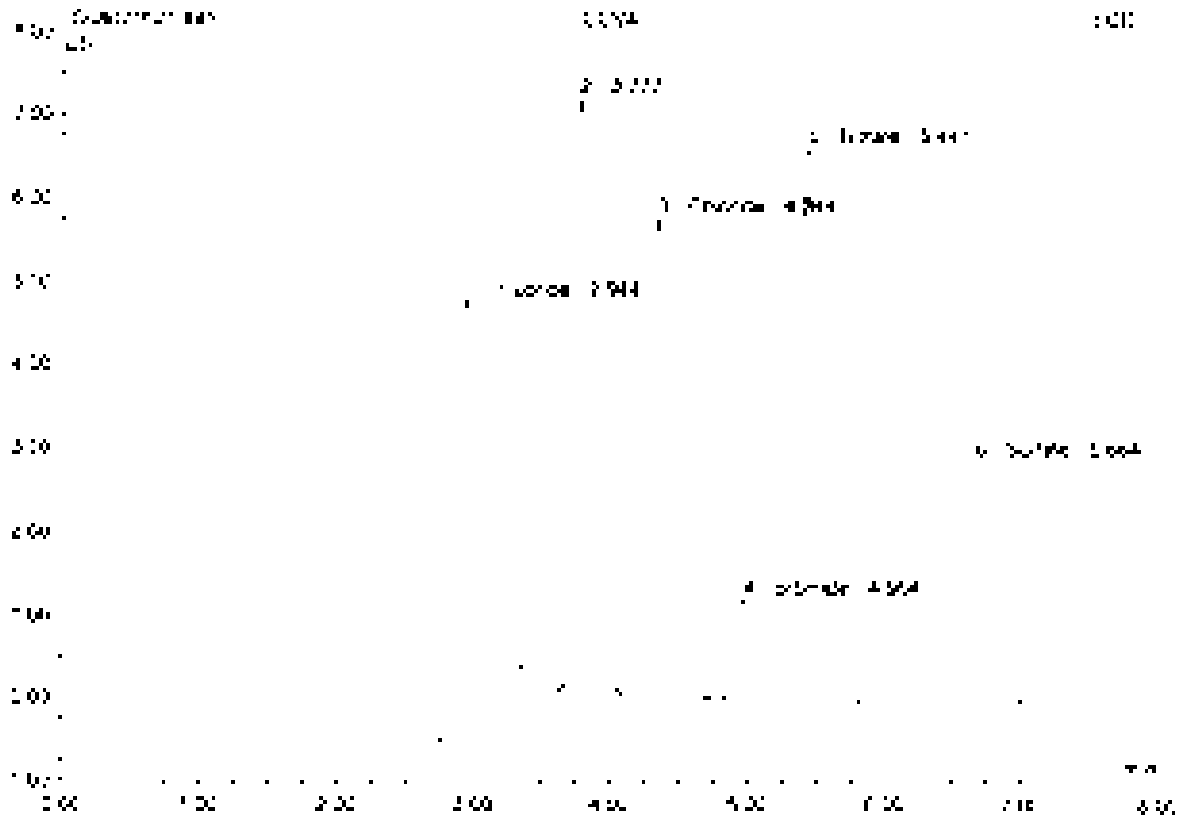
Sample Name	CCV4	Injection Volume	25.0
Vial Number	38	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Calibration Program	epa300	Bandwidth	n.a.
Current Method	epa300	Dilution Factor	1.0000
Recording Time	7/16/2021 17:44	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	2.34	Fluoride	5.102	1.167	24.56	4.645	BMB*
2	3.78	Chloride	[illegible]	0.845	17.77	4.879	BMB*
3	4.34	Nitrite	5.773	0.890	18.72	2.501	BMB
4	4.96	Bromide	[illegible]	0.174	3.67	2.456	BMB
5	5.44	Nitrate	6.555	1.052	22.14	2.502	BMB
6	6.66	Sulfate	2.938	0.624	13.13	5.368	BMB
Total:			28.862	4.753	100.00	22.055	

45 CCV4

Sample Name	CCV4	Injection Volume	25.0
Vial Number	26	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantit. Method	apa300	Dilution Factor	1.0000
Recording Time	7/16/2021 17:44	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



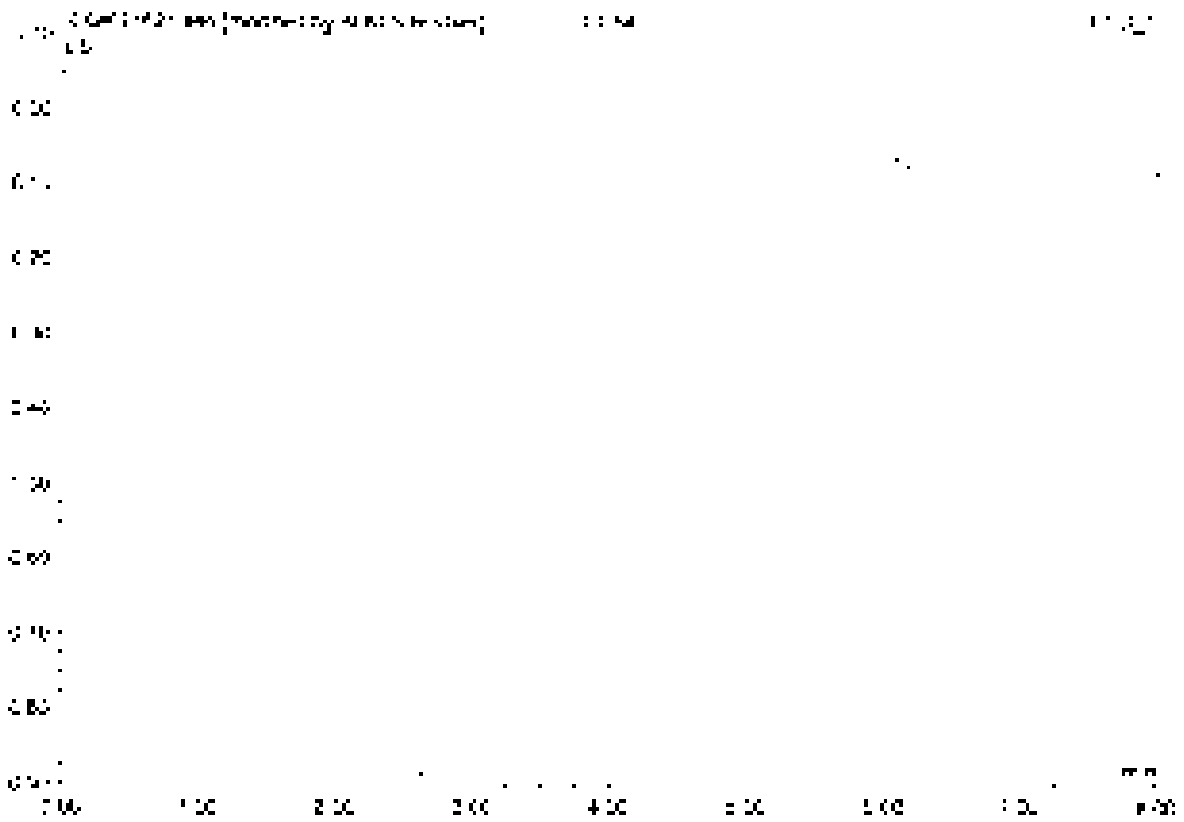
No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.34	Fluoride	5.780	1.205	25.20	4.778	BMB
2	3.78	n.a.	2.715	0.846	17.69	n.a.	BMB
3	4.34	Chloride	5.773	3.890	81.36	5.141	BMB
4	4.96	Bromide	1.217	0.178	3.64	2.456	BMB
5	5.44	Nitrate	6.655	1.052	21.99	2.502	BMB
6	5.66	Sulfate	2.938	0.624	13.05	1.058	BMB
Total:			22.879	4.785	100.00	19.945	

Refrig

JHL

46 CCB4

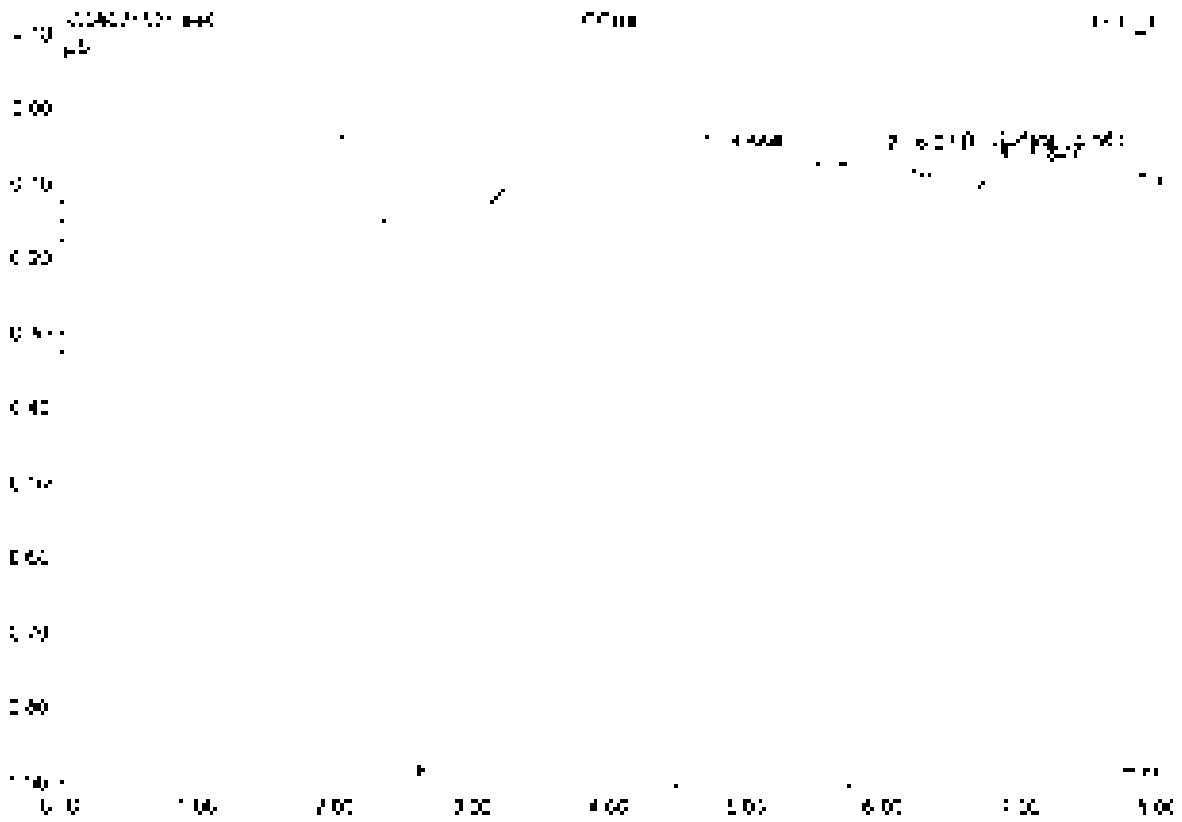
Sample Name	CCB4	Injection Volume	25.0
Vial Number	27	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Solvent	n.a
Quantif. Method	epa300	Dilution Factor	1.0000
Processing Time	7/19/2021 17:34	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

46 CCB4

Sample Name	CCB4	Injection Volume	35.0
Vial Number	27	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	1.0000
Processing Time	7/14/2021 17:54	Sample Weight	1.0000
Run Time (min.)	8.00	Sample Amount	1.0000



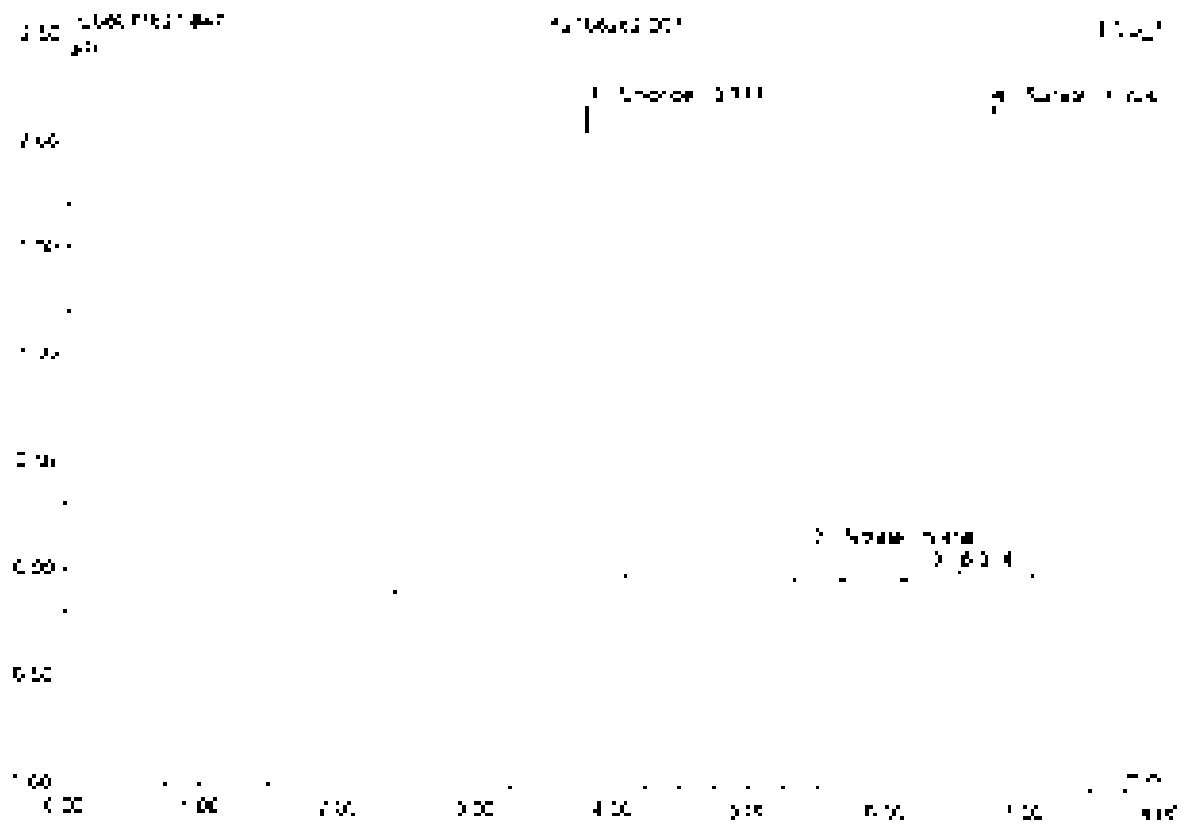
No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.80	n.a.	0.255	[illegible]	[illegible]	n.a.	BMB
2	5.01	n.a.	0.021	0.006	0.50	n.a.	BMB
3	6.56	Sulfate	0.042	0.008	0.72	0.062	BMB
4	6.83	n.a.	[illegible]	0.016	[illegible]	n.a.	BMB
Total			0.346	1.065	100.00	0.062	

Before

[illegible]

47 K2108282-001

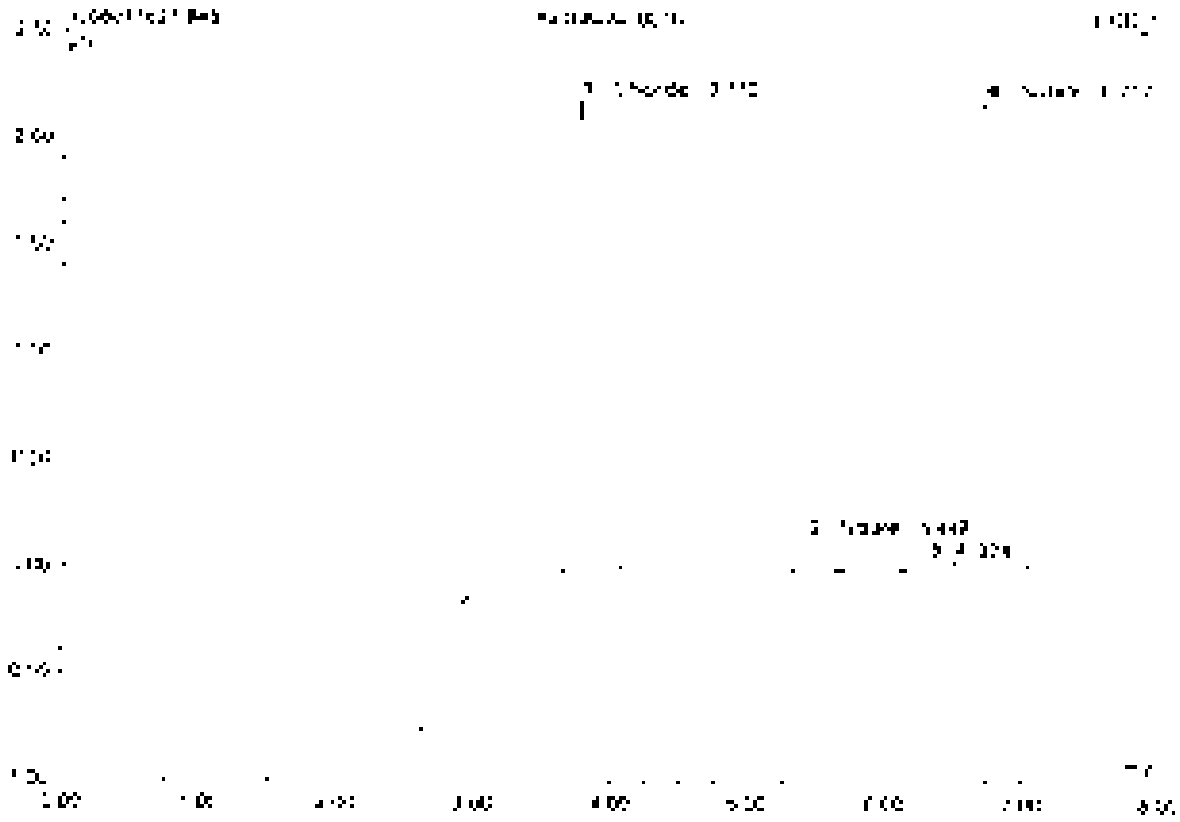
Sample Name	K2108282-001	Injection Volume	25.0
Vial Number	37	Channel	ECD 1
Sample Type	Unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant Method	wpa300	Dilution Factor	2.0000
Recording Time	7/18/2021 16:04	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.78	Chloride	2.223	0.273	38.21	3.150	BMB
2	5.45	Nitrite	0.157	0.026	3.54	0.120	BMB
3	6.31	n.a.	0.034	0.008	1.17	n.a.	BMB
4	8.72	Sulfate	2.189	0.409	57.09	6.621	BMB
Total:			4.603	0.714	100.00	9.894	

48 K2108282-001D

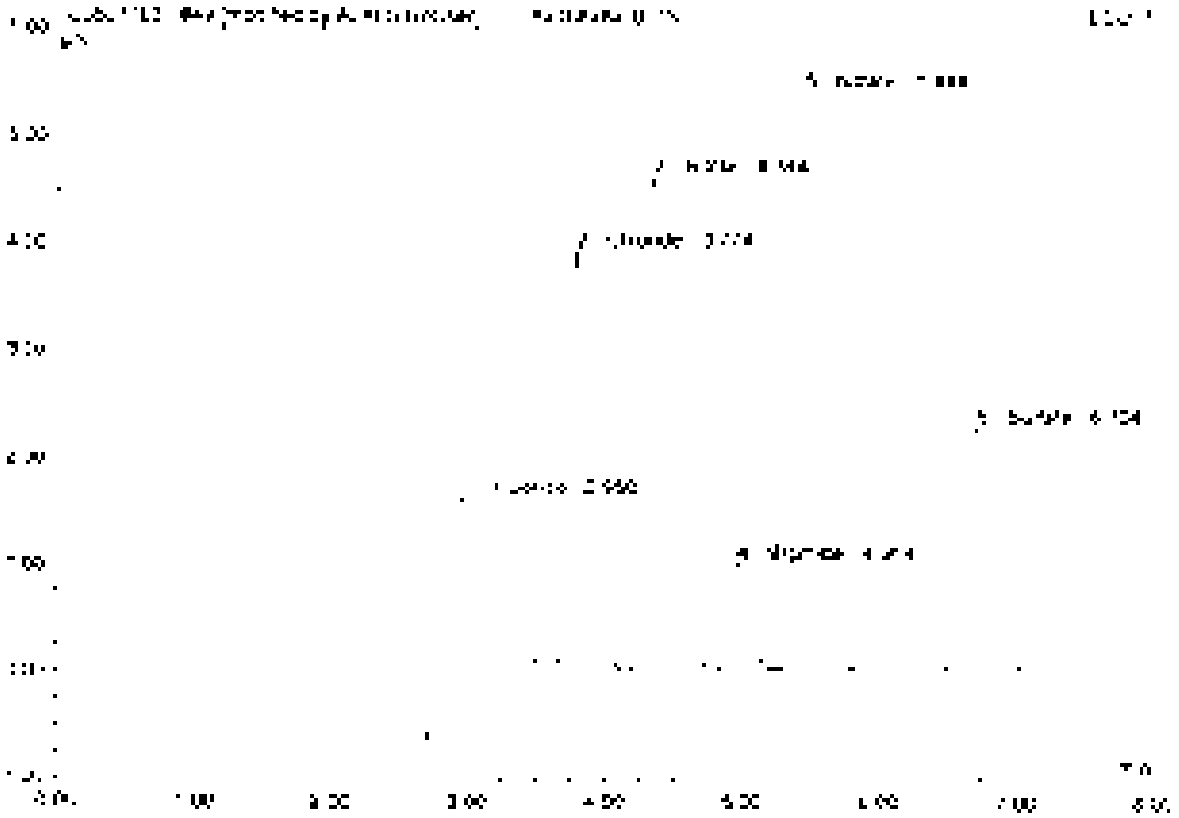
Sample Name	K2108282-001D	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/18/2021 10:14	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.77	Chloride	2.204	0.270	95.30	3.123	BMB
2	5.45	Nitrate	0.157	0.025	3.49	0.120	BMB
3	5.32	n.a.	0.020	0.007	0.94	n.a.	BMB
4	6.72	Sulfate	2.160	0.494	57.18	6.553	BMB
Total			4.548	0.796	100.00	9.796	

49 K2108282-001S

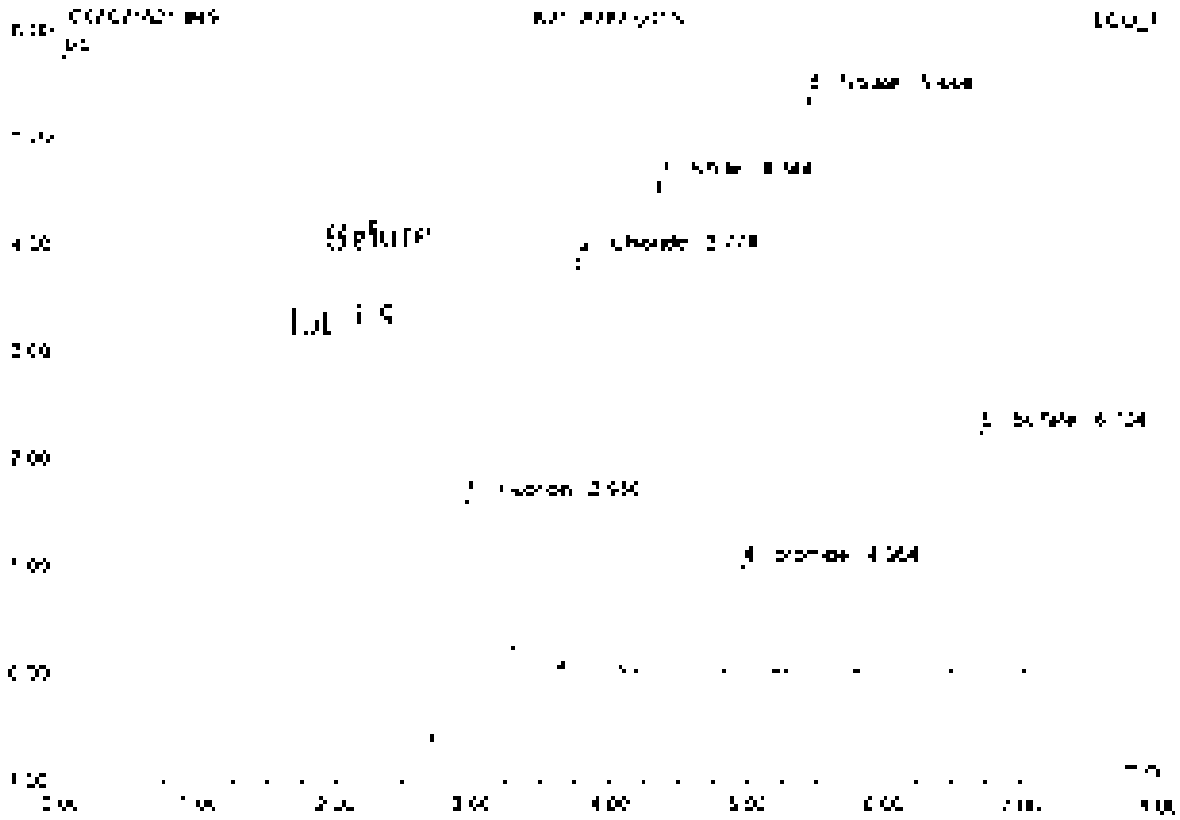
Sample Name	K2108282-001S	Injection Volume	25.0
Vial Number	19	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	4.0000
Recording Time	7/8/2021 1[illegible] 15	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.35	Fluoride	2.033	0.644	17.04	8.658	BV8*
2	3.57	Chloride	3.858	0.467	14.64	10.785	BV8*
3	4.34	Nitrite	4.590	0.717	22.40	8.063	BV8
4	4.90	Bromide	6.982	0.142	4.47	8.030	BV8
5	5.44	Nitrate	5.993	0.864	27.00	8.212	BV8
6	6.70	Sulfate	2.262	0.456	14.29	14.796	BV8
Total:			25.725	3.189	100.00	58.543	

49 K2108282-001S

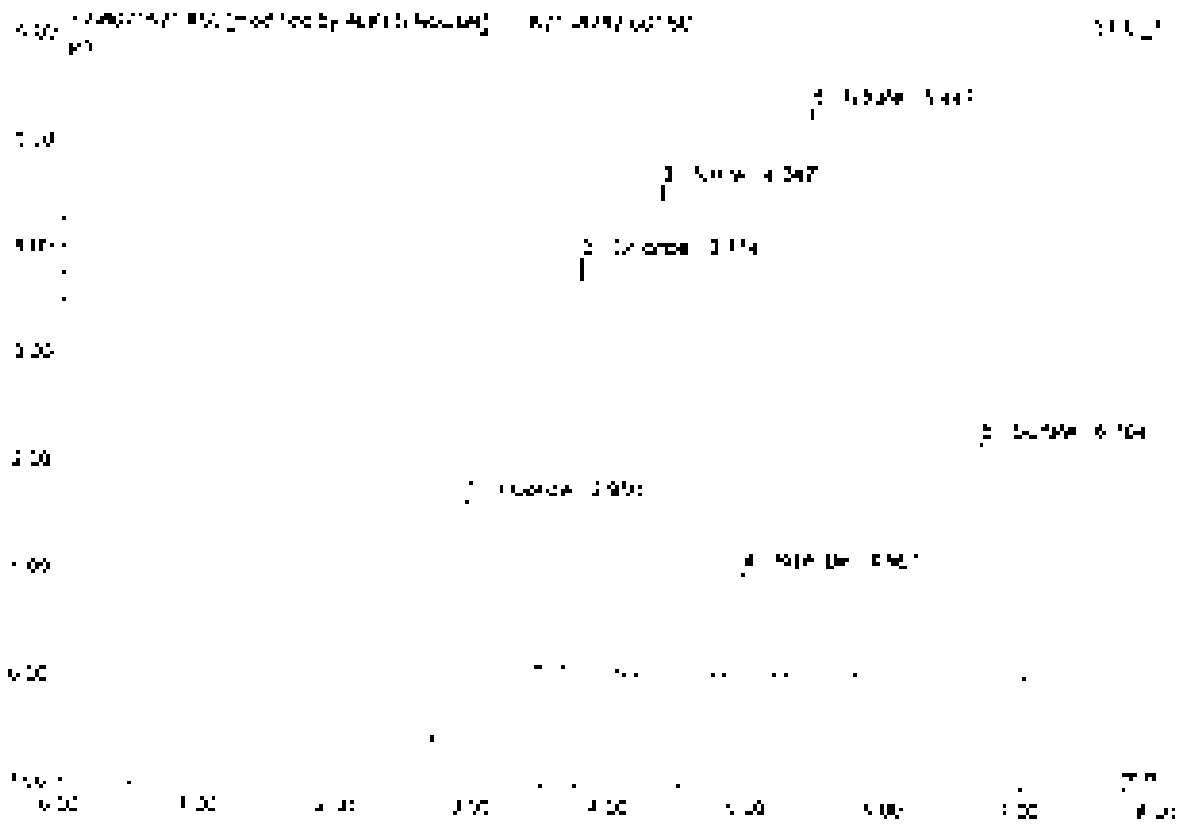
Sample Name	K2108282-001S	Injection Volume	35.0
Run Number	19	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	4.0000
Acquisition Time	7/16/2021 10:23	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	2.95	Fluoride	2.976	0.510	18.34	9.717	BV E
2	3.77	Chloride	3.868	0.467	14.34	10.785	BV S
3	4.34	Nitrite	4.590	0.717	22.02	8.063	BMB
4	4.96	Bromide	0.522	0.142	4.37	8.030	BMB
5	5.44	Nitrate	5.050	0.564	25.10	8.212	BV S
6	5.70	Sulfate	2.259	0.456	14.59	14.736	BV S
Total:			19.160	3.256	100.00	59.605	

50 K2108282-0015D

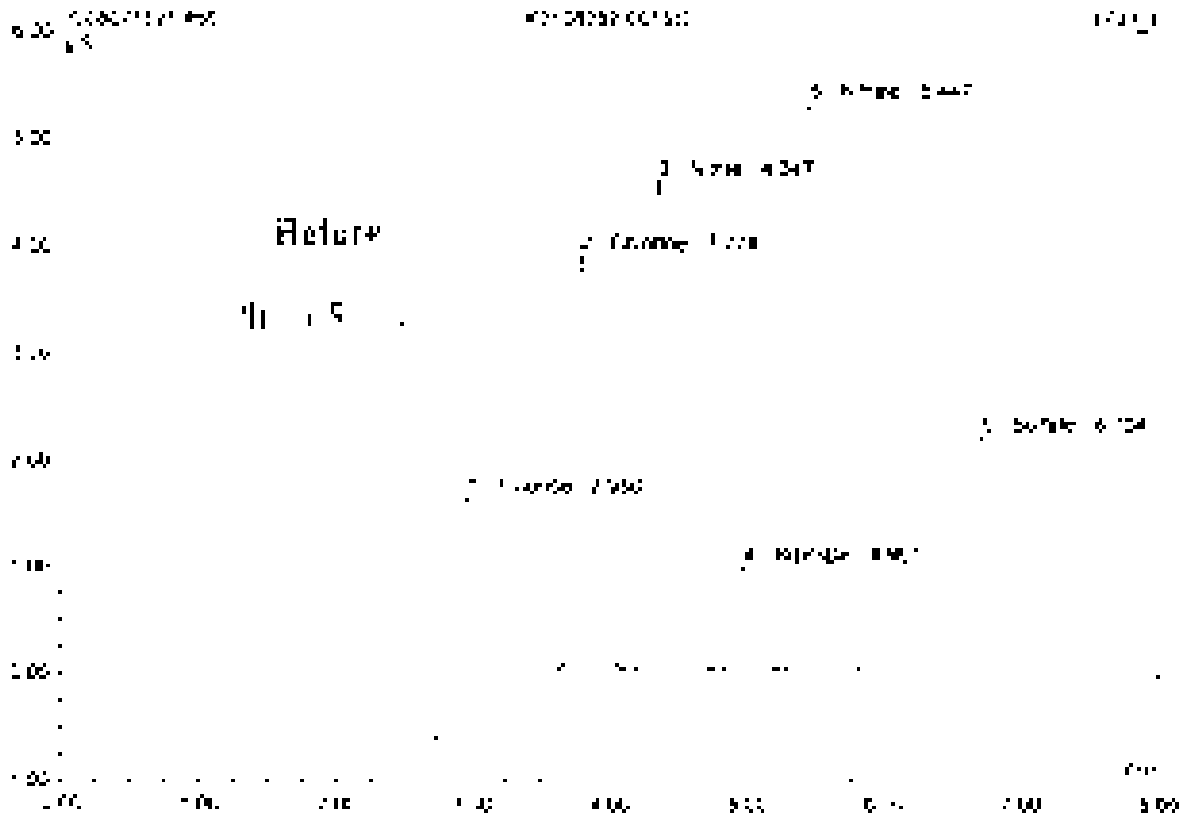
Sample Name	K2108282-0015D	Injection Volume	25.0
Vial Number	50	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	4.0000
Processing Time	7/19/2021 18:33	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.66	Fluoride	2.267	0.543	17.18	8.696	BMB*
2	3.77	Chloride	3.962	0.666	14.73	10.766	BMB*
3	4.35	Nitrite	4.583	0.714	22.58	9.030	BMB
4	4.97	Bromide	0.980	0.142	4.48	1.989	BMB
5	5.45	Nitrate	5.276	0.552	25.94	8.104	BMB
6	5.70	Sulfate	2.273	0.446	14.17	14.495	BMB
Total:			19.011	3.164	100.00	52.841	

50 K2108282-0015D

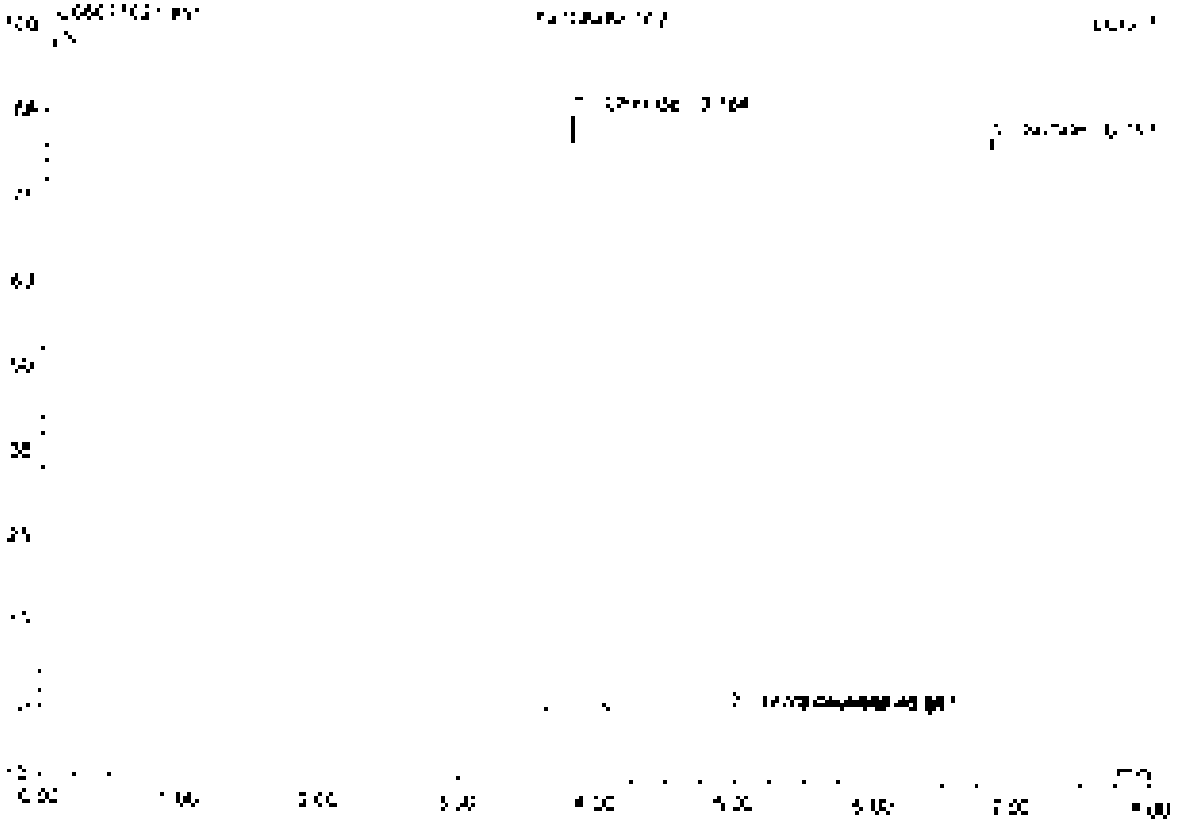
Sample Name	K2108282-0015D	Injection Volume	25.0
Vial Number	20	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	4.0000
Recording Time	7/16/2021 18:33	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	2.104	0.514	18.99	3.781	BVC
2	3.77	Chloride	3.662	0.466	14.40	13.766	BV B
3	4.35	Nitrite	4.520	0.714	22.08	5.030	BMB
4	4.97	Bromide	5.930	0.147	4.38	7.489	BMB
5	5.45	Nitrate	5.316	0.852	25.35	5.104	BMB
6	6.30	Sulfate	2.210	0.446	13.80	14.455	BMB
Total:			19.068	3.205	100.00	53.155	

51 K2108282-002

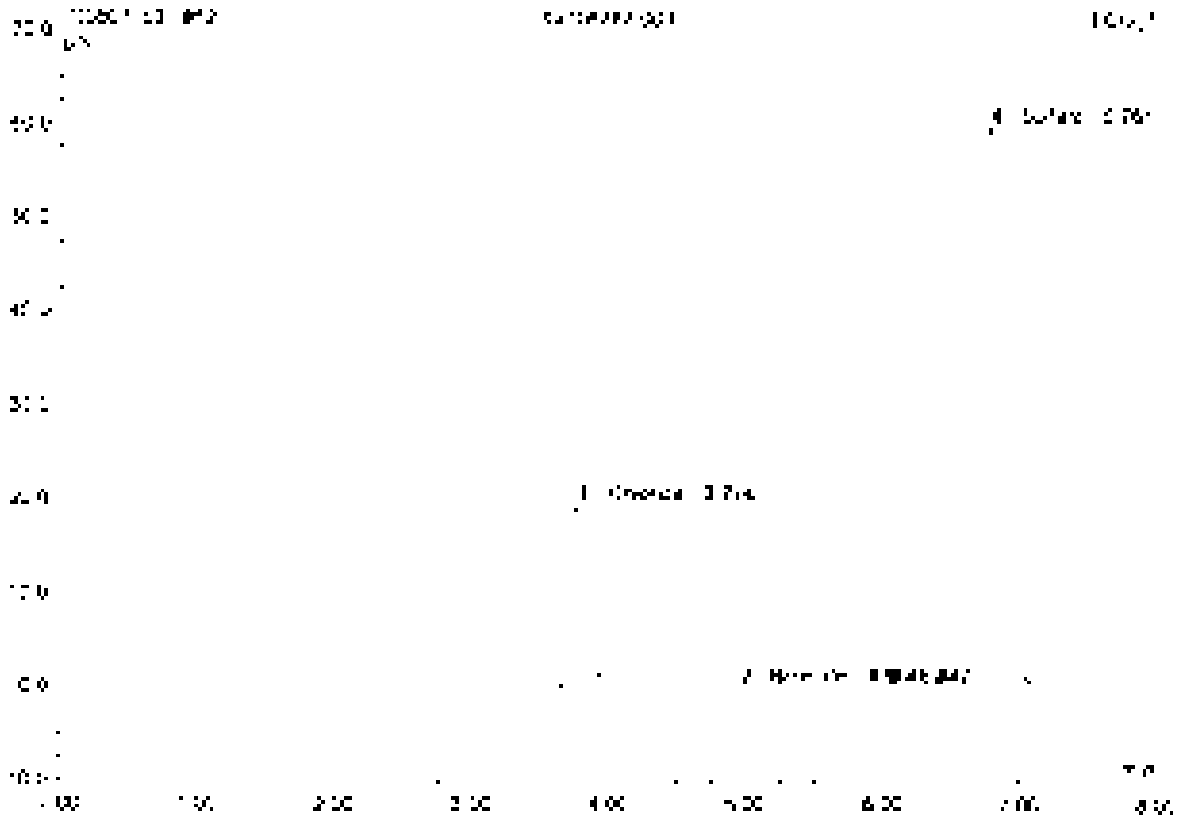
Sample Name	K2108282-002	Injection Volume	25.0
Vial Number	21	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Control Method	apa300	Sample Factor	2.0000
Recording Time	7/16/2021 18:43	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.75	Chloride	87.570	9.026	33.49	173.503	BMB
2	4.30	Bromide	0.120	0.023	0.08	0.659	BMB
3	5.45	Nitrate	0.035	0.005	0.02	0.027	BMB
4	6.02	n.a.	0.047	0.009	0.03	n.a.	BMB
5	6.80	Sulfate	23.814	17.904	66.39	316.348	BMB
Total:			111.575	26.969	100.00	490.567	

52 K2108282-003

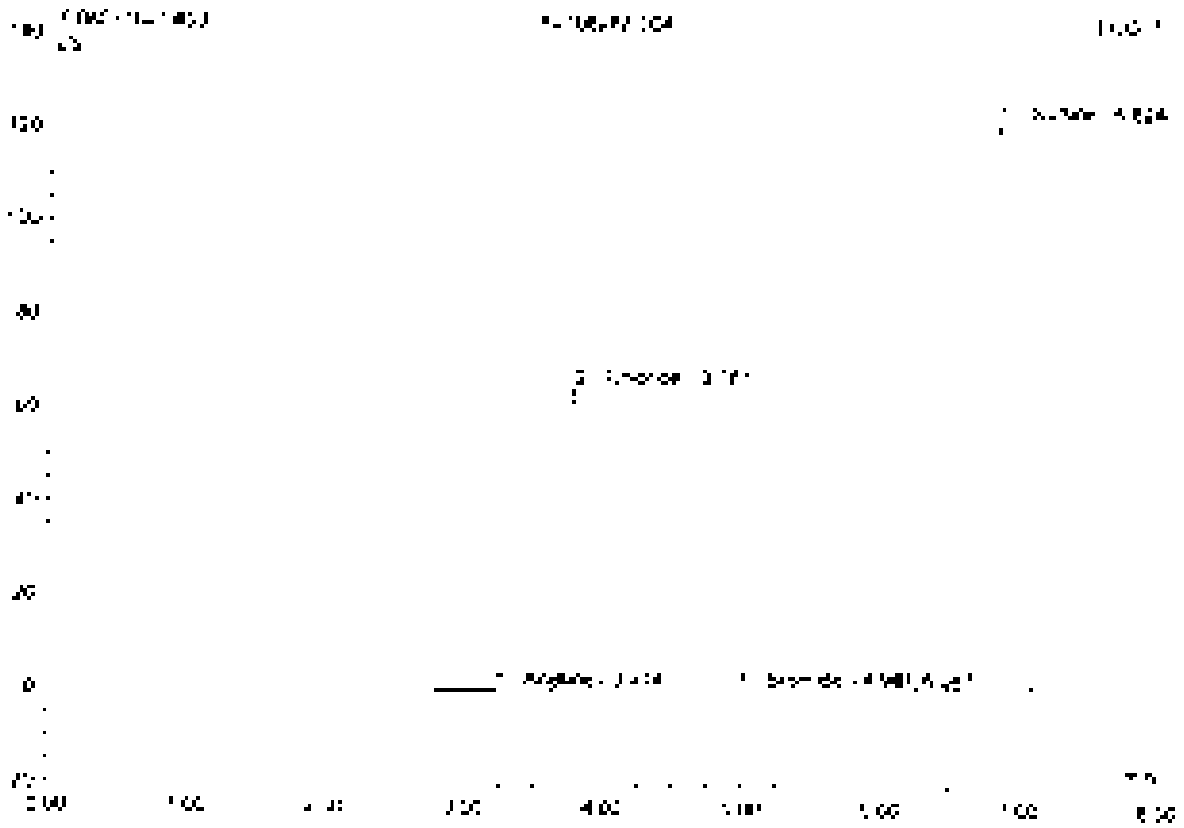
Sample Name	K2108282-003	Injection Volume	25.0
Vial Number	27	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	7/16/2021 1:55:55	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.77	Chloride	19.424	2.354	12.56	25.038	BMB
2	4.95	Bromide	0.052	0.008	0.04	0.014	BMB
3	6.35	[illegible]	0.068	0.024	0.14	[illegible]	BMB
4	6.76	Sulfate	58.115	15.058	80.56	245.135	BMB
Total:			78.660	17.460	100.00	271.384	

53 K2108282-004

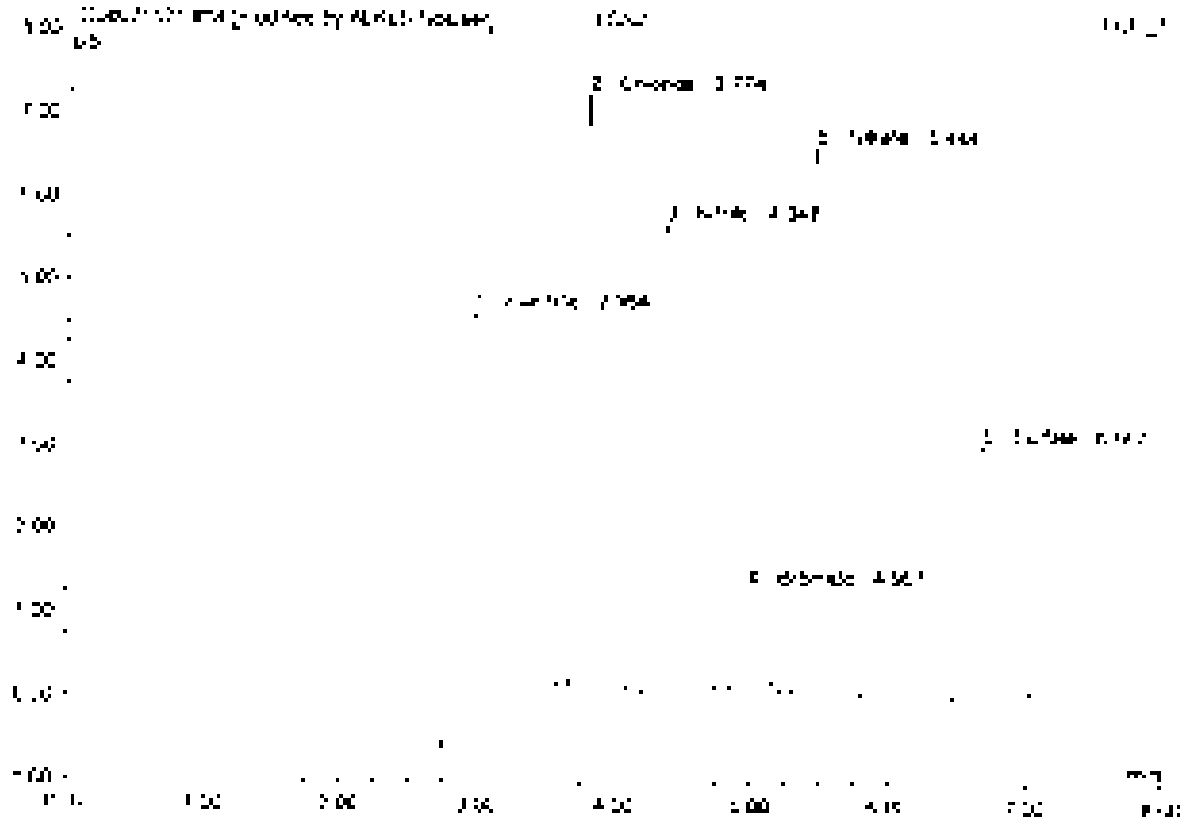
Sample Name	K2108282-004	Injection Volume	25.0
Vial Number	23	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Source Program	epa300	Bandwidth	n.a.
Source Method	epa300	Dilution Factor	2.0000
Processing Time	7/15/2021 19:03	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.21	Acetate	0.292	0.186	0.42	n.a.	BVB
2	3.73	Chloride	64.357	7.258	16.20	83.539	BMU
3	4.56	Bromide	0.155	0.028	0.06	0.785	BMB
4	6.35	n.a.	0.064	0.002	0.07	n.a.	BMR
5	5.50	Sulfate	120.454	37.332	83.31	606.785	BMB
Total:			185.347	44.812	100.00	691.168	

54 LCS2

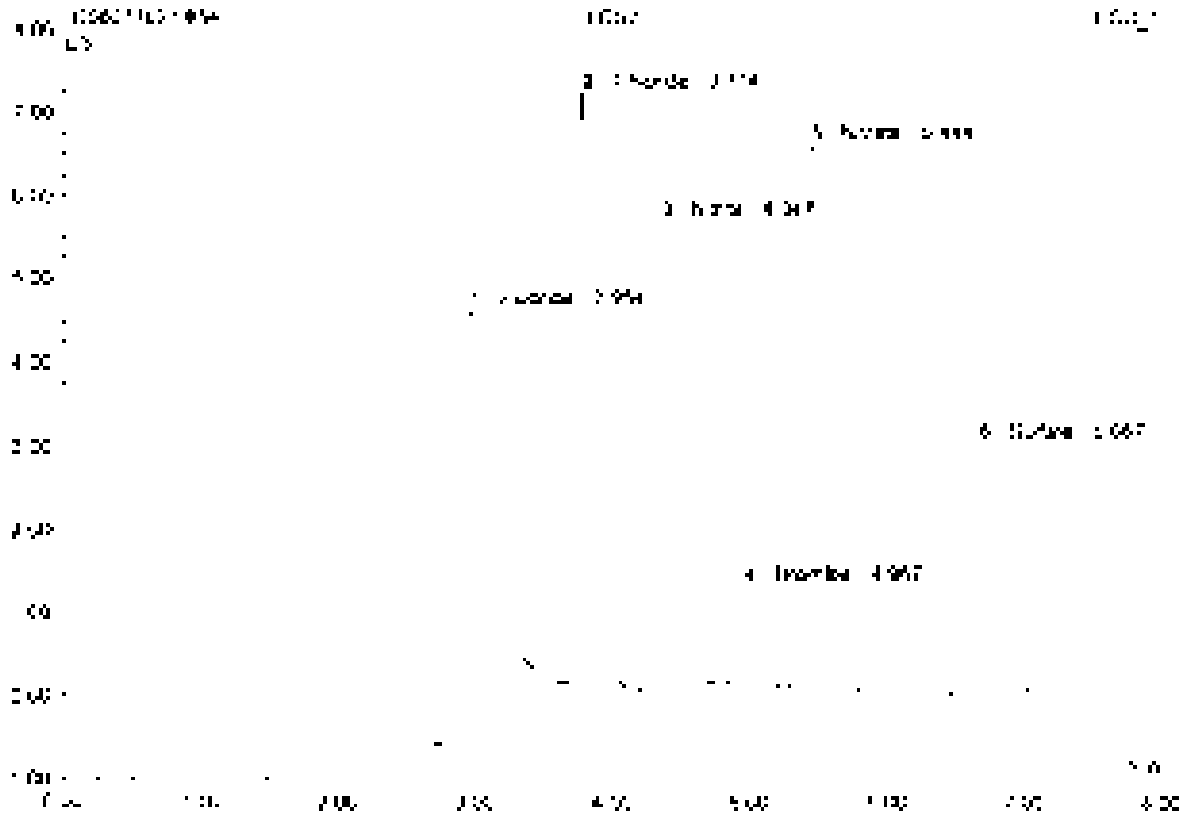
Sample Name	LCS2	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	7/16/2021 19:13	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.55	Fluoride	5.045	1.247	23.80	5.342	BMB*
2	2.77	Chloride	7.117	2.542	47.49	4.561	BMB*
3	4.35	Nitrite	5.615	0.874	16.17	2.457	BMB
4	4.97	Bromide	1.211	0.178	3.63	2.459	BMB
5	5.44	Nitrate	6.556	1.133	21.47	2.455	BMB
6	6.67	Sulfate	3.021	0.645	12.44	5.245	BMB
Total			28.180	4.811	100.00	22.424	

54 LCS2

Sample Name	LCS2	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	7/18/2021 19:13	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



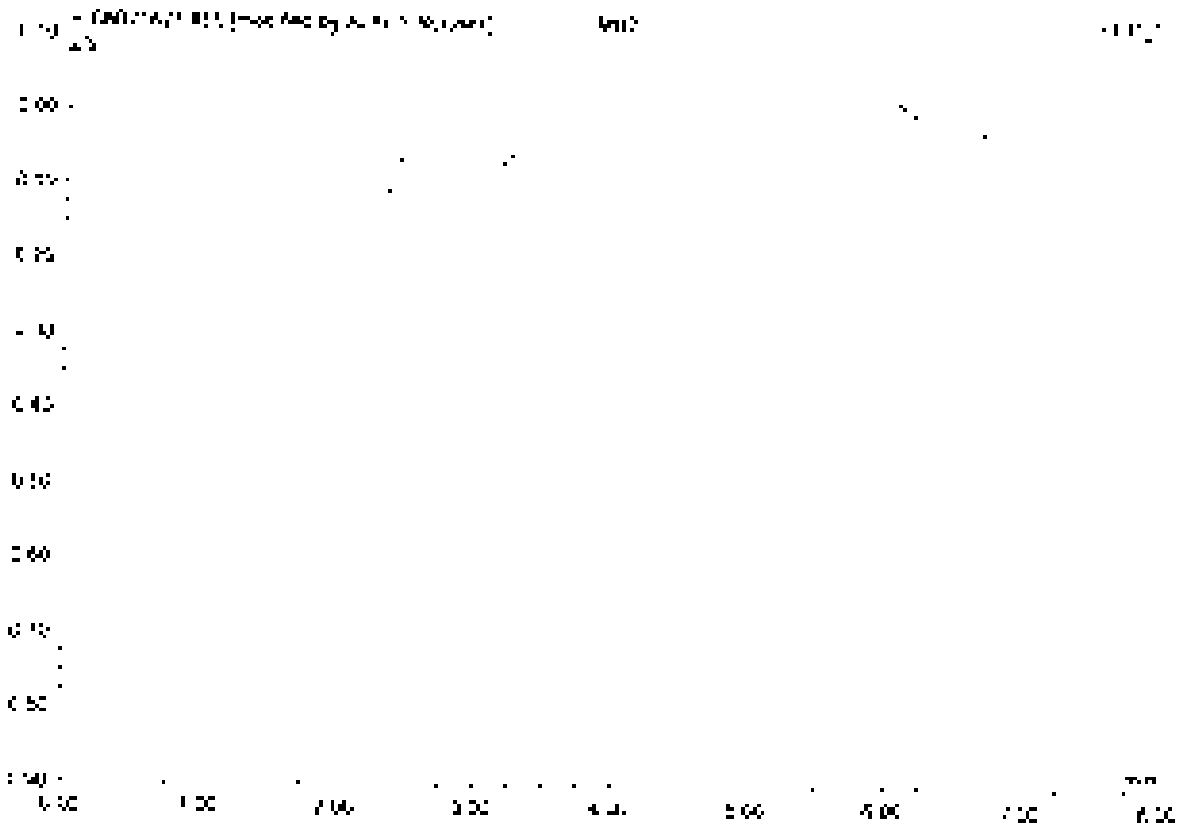
No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	5.069	1.283	26.43	5.128	BMb
2	3.37	Chloride	[illegible]	0.842	17.34	4.851	BVB
3	4.35	Nitrite	5.619	0.874	18.00	2.457	BMB
4	4.97	Bromide	1.271	0.174	3.58	2.459	BVB
5	5.48	Nitrate	6.556	1.033	21.29	2.455	BVB
6	6.67	Sulfate	3.031	0.646	13.32	6.245	BVB
Total:			22.604	4.853	100.00	22.588	

Before

[illegible]

55 MB2

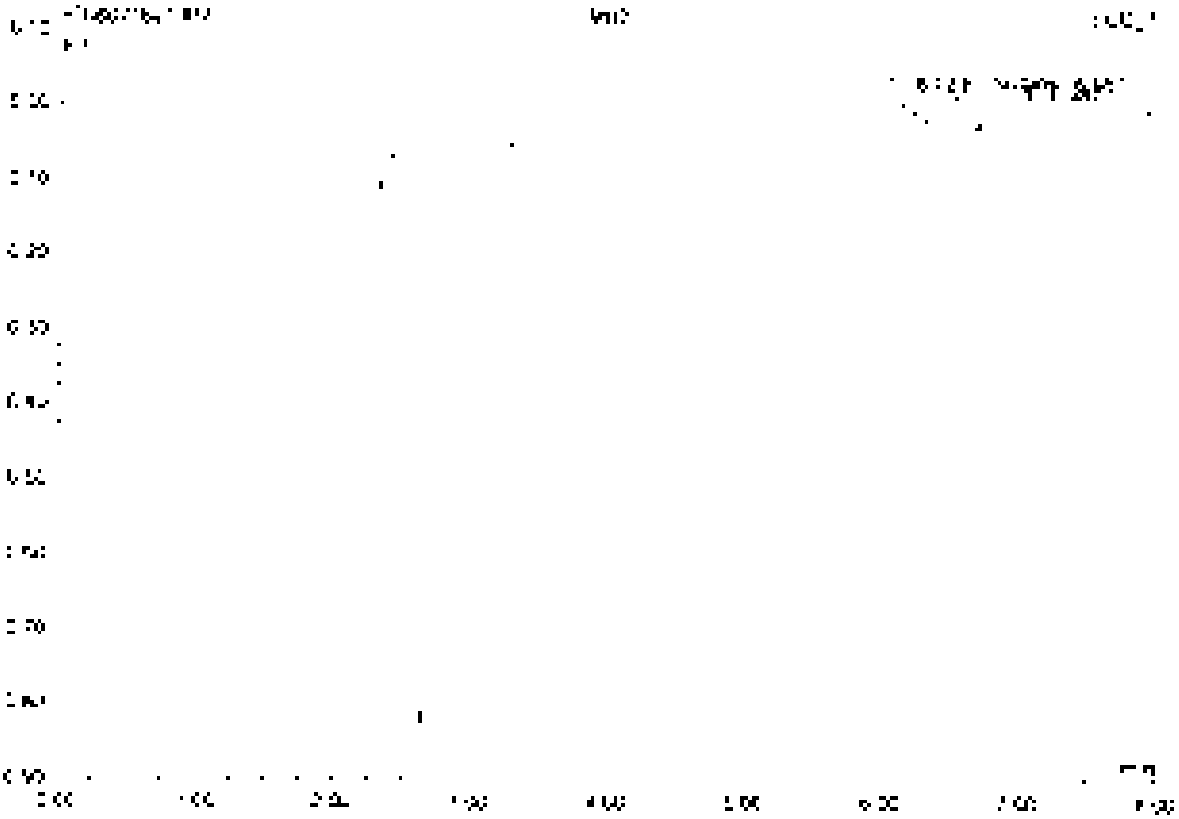
Sample Name	MB2	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	7/14/2021 10:22	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

55 MB2

Sample Name	MB2	Injection Volume	35.0
Vial Number	1	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/16/2021 15:22	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000

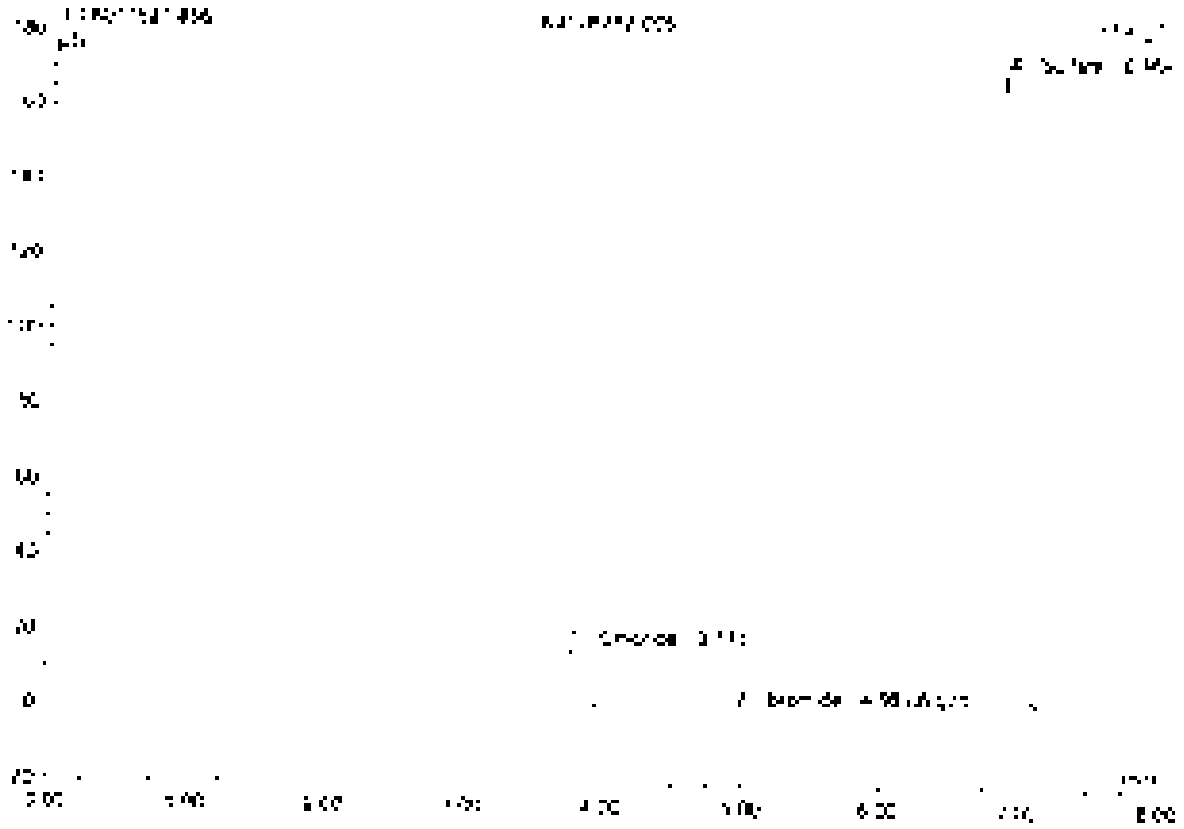


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.02	n.a.	0.058	1.342	98.11	n.a.	BMB
2	6.56	Sulfate	0.041	0.007	0.49	0.054	bMB
3	6.99	n.a.	0.026	0.019	1.40	n.a.	BMB
Total:			0.166	1.368	100.00	0.054	

Before

S6 K2108282-005

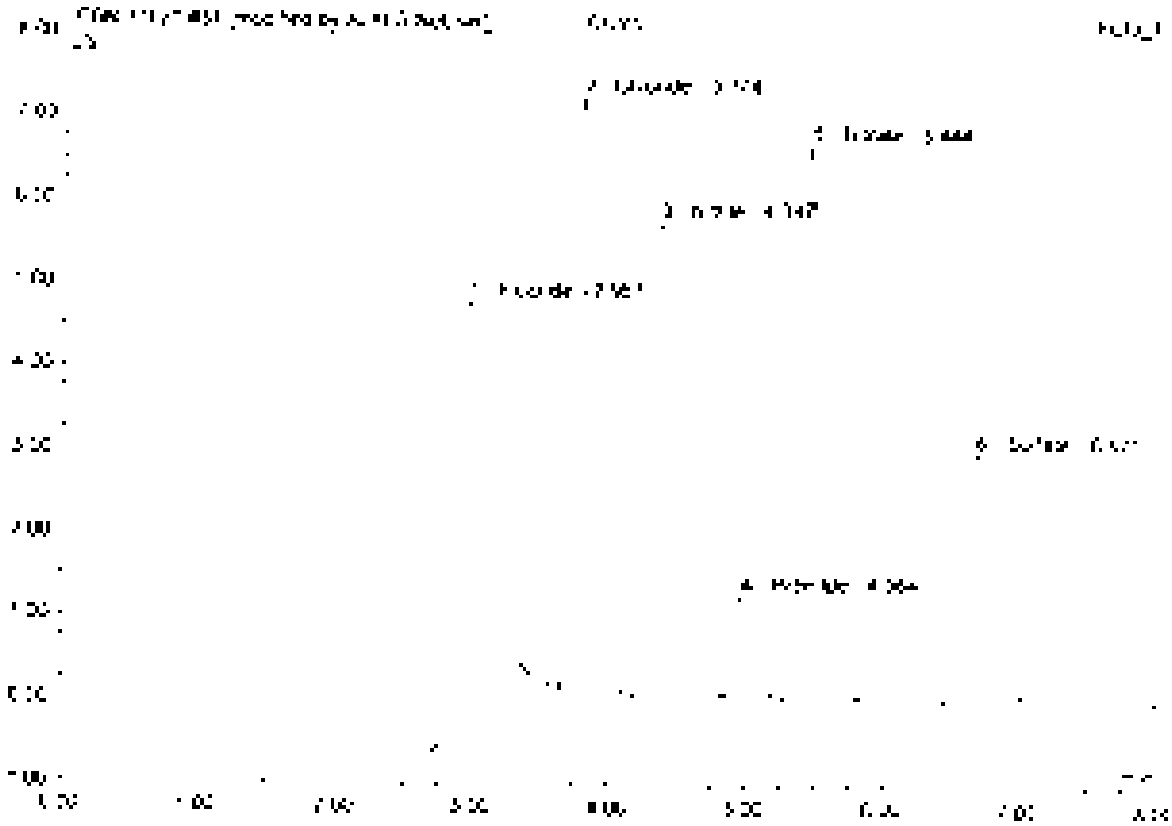
Sample Name	K2108282-005	Injection Volume	25.0
Vial Number	28	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	7/16/2021 19:32	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.77	Chloride	159.13	1.821	3.70	27.731	BMB
2	4.56	Bromide	0.194	0.015	0.03	0.634	BMB
3	5.07	n.a.	0.051	0.008	0.02	n.a.	BMB
4	6.06	Sulfate	768.152	48.594	96.26	785.323	BMB
Total:			1184.203	50.858	100.00	817.458	

57 CCV5

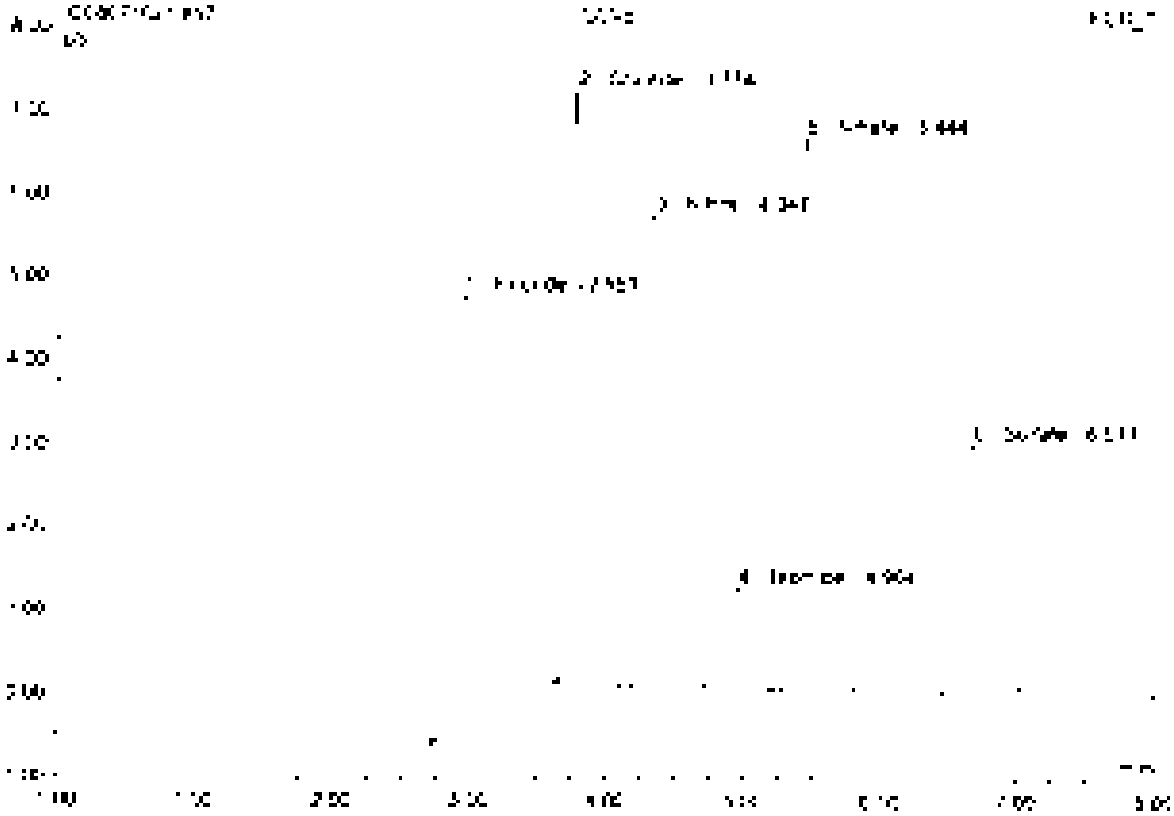
Sample Name	CCV5	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	7/16/2021 19:42	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	5200	1.267	26.09	5.345	BMB*
2	3.77	Chloride	7119	0.842	17.33	4.867	BMB*
3	4.35	Nitrite	5585	0.604	12.43	2.484	BMB
4	4.96	Bromide	1217	0.174	3.58	2.452	BMB
5	5.46	Nitrate	5653	1.053	21.67	2.502	BMB
6	6.67	Sulfate	7992	0.638	13.13	5.176	BMB
Total:			38865	4.857	100.00	22.521	

57 CCV5

Sample Name	CCV5	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/16/2021 19:42	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



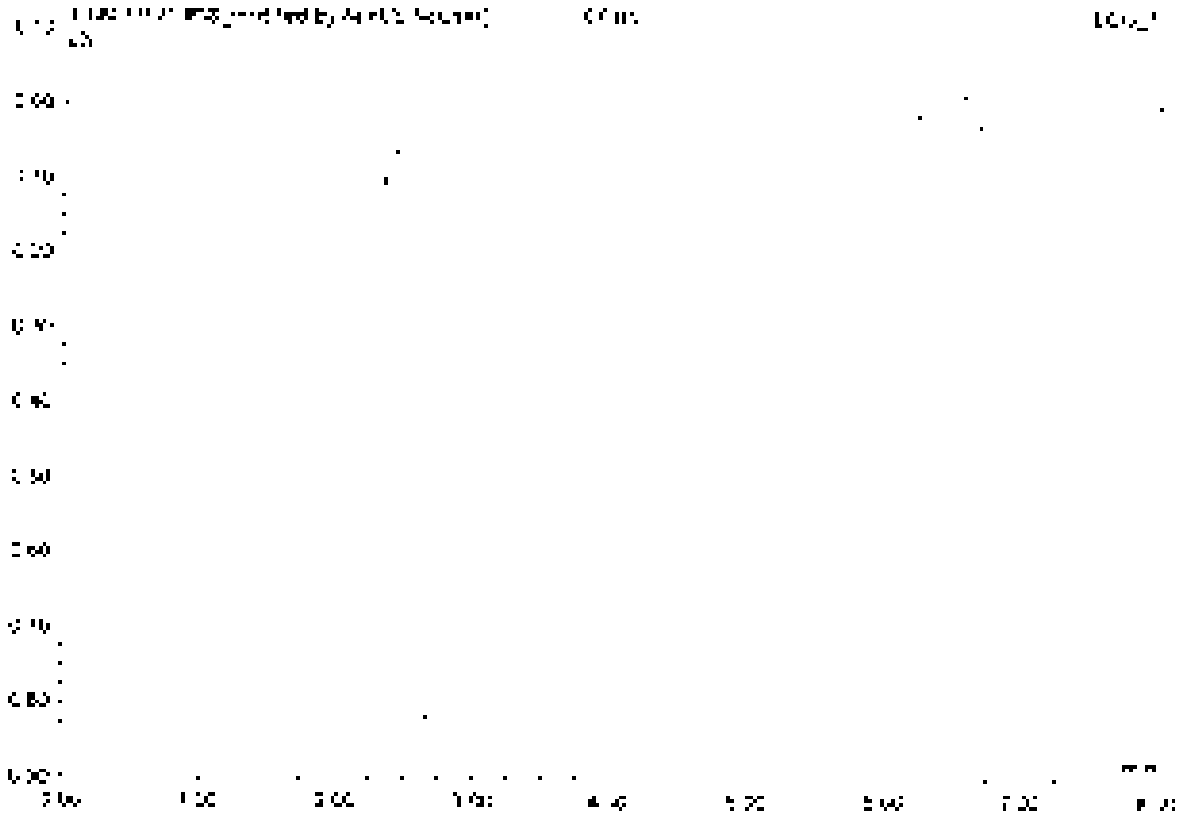
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.91	Fluoride	5.225	1.215	25.73	5.215	BMB
2	3.77	Chloride	7.119	0.842	17.18	4.851	BMB
3	4.35	Nitrite	5.685	0.884	18.04	2.494	BMB
4	4.90	Bromide	7.217	0.174	3.55	2.452	BMB
5	5.44	Nitrate	6.653	1.053	21.45	2.502	BMB
6	6.67	Sulfate	2.937	0.636	13.01	5.176	BMB
Total:			28.836	4.899	100.00	22.690	

Report

Page 1

58 CCB5

Sample Name	CCB5	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Run Start Time	7/15/2021 19:53	Sample Weight	1.0000
Run Time (min)	5.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

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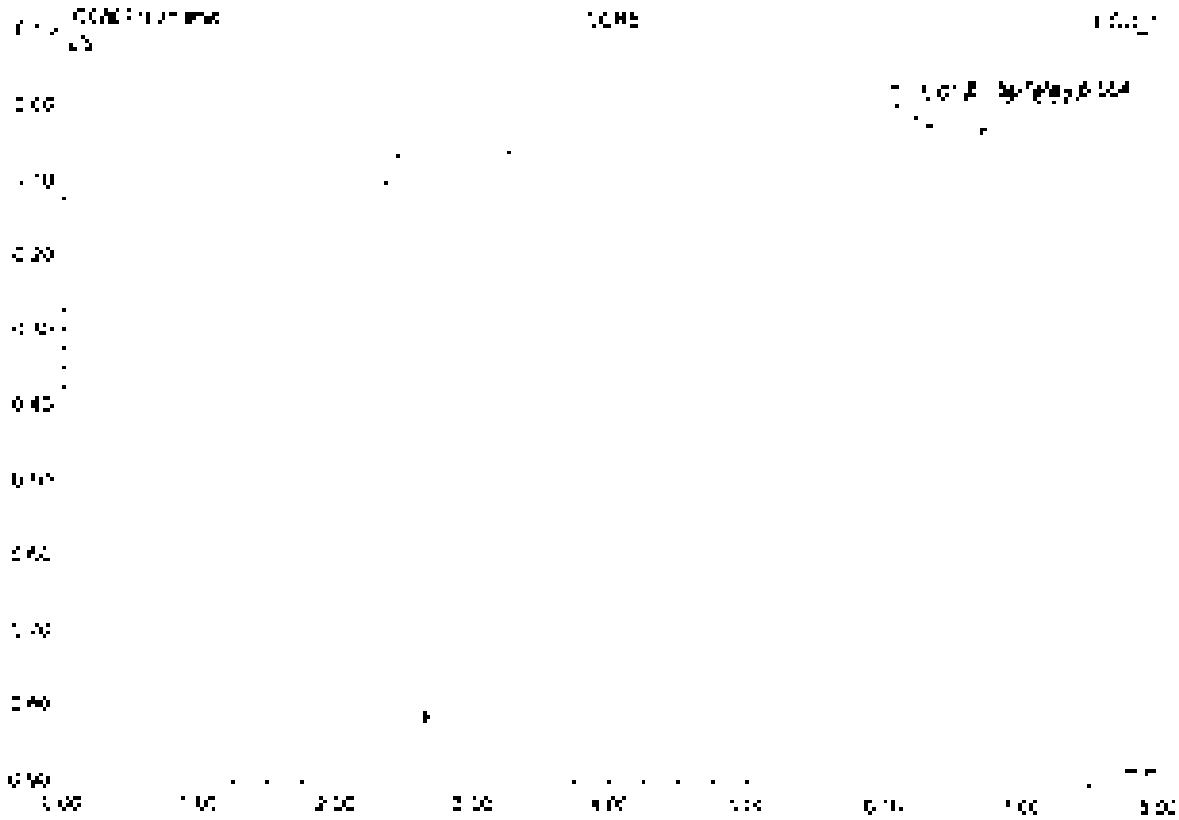
58 CCB5

Sample Name	CCB5	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	7/14/2021 19:53	Sample Weight	1.0000
Run Time [min]	8.00	Sample Amount	1.0000

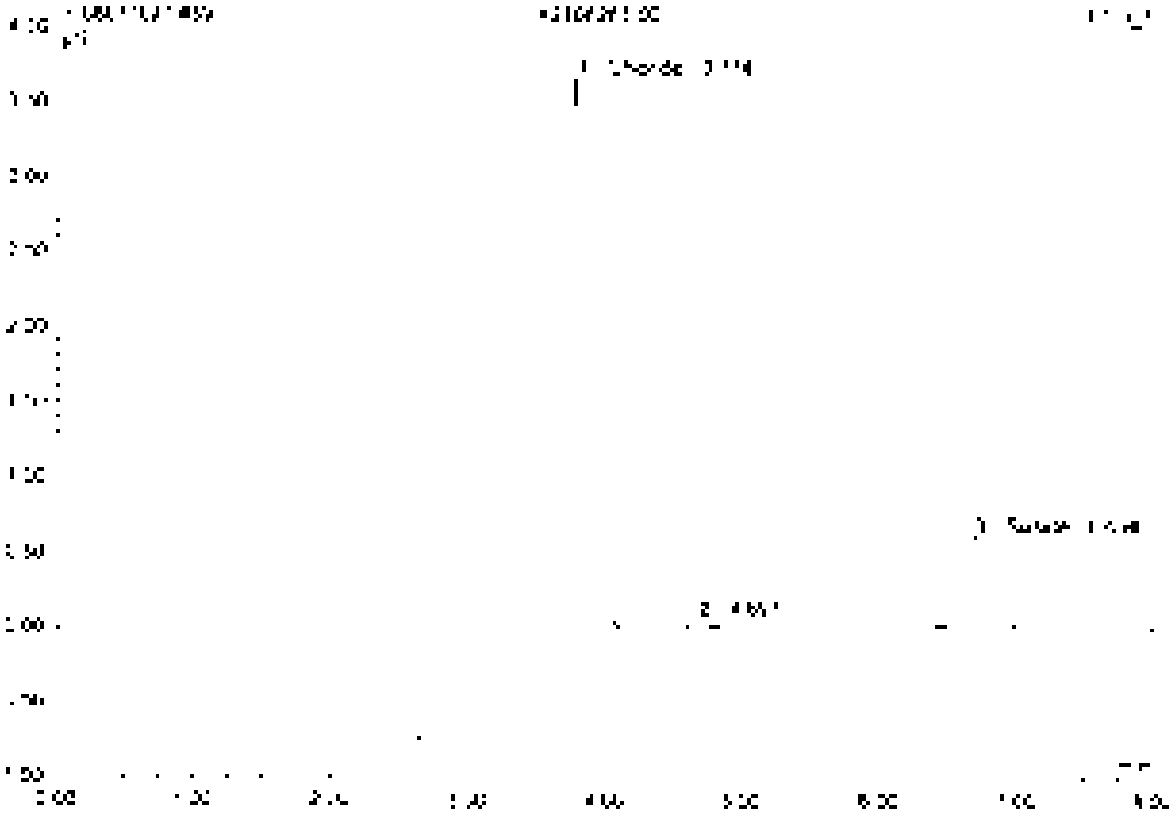


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.52	n.a.	0.051	1.331	98.30	n.a.	BVB
2	6.90	Surrogate	0.009	0.007	0.48	0.050	NVB
3	6.83	n.a.	0.028	0.016	1.21	n.a.	BMB
Total:			0.089	1.354	100.00	0.050	

Return

59 K2108283-001

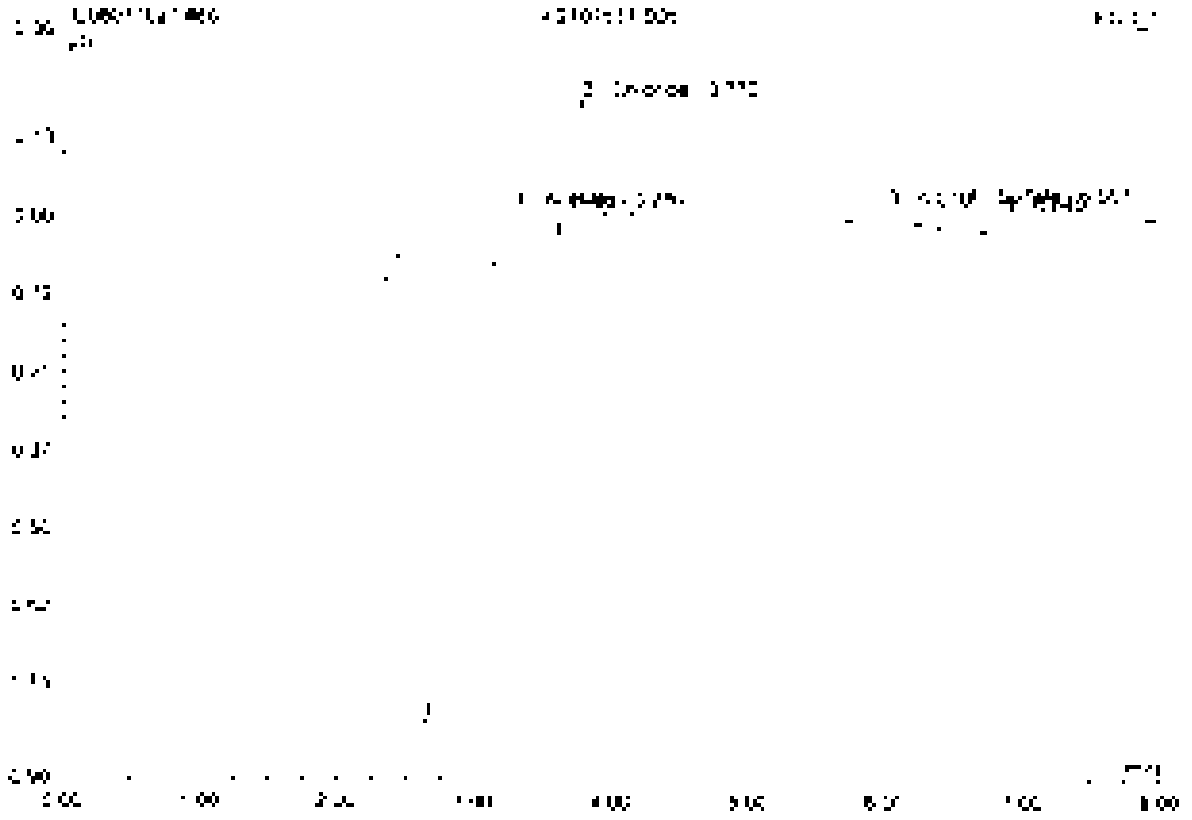
Sample Name	K2108283-001	Injection Volume	25.0
Vial Number	25	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Processing Time	7/16/2021 20:51	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Chloride	3.665	0.443	75.95	5.122	BMB
2	4.52	n.a.	0.057	0.008	1.45	n.a.	BMB
3	6.62	Sulfate	0.067	0.132	22.60	2.142	BMB
Total:			4.329	0.584	100.00	7.264	

60 K2107531-005

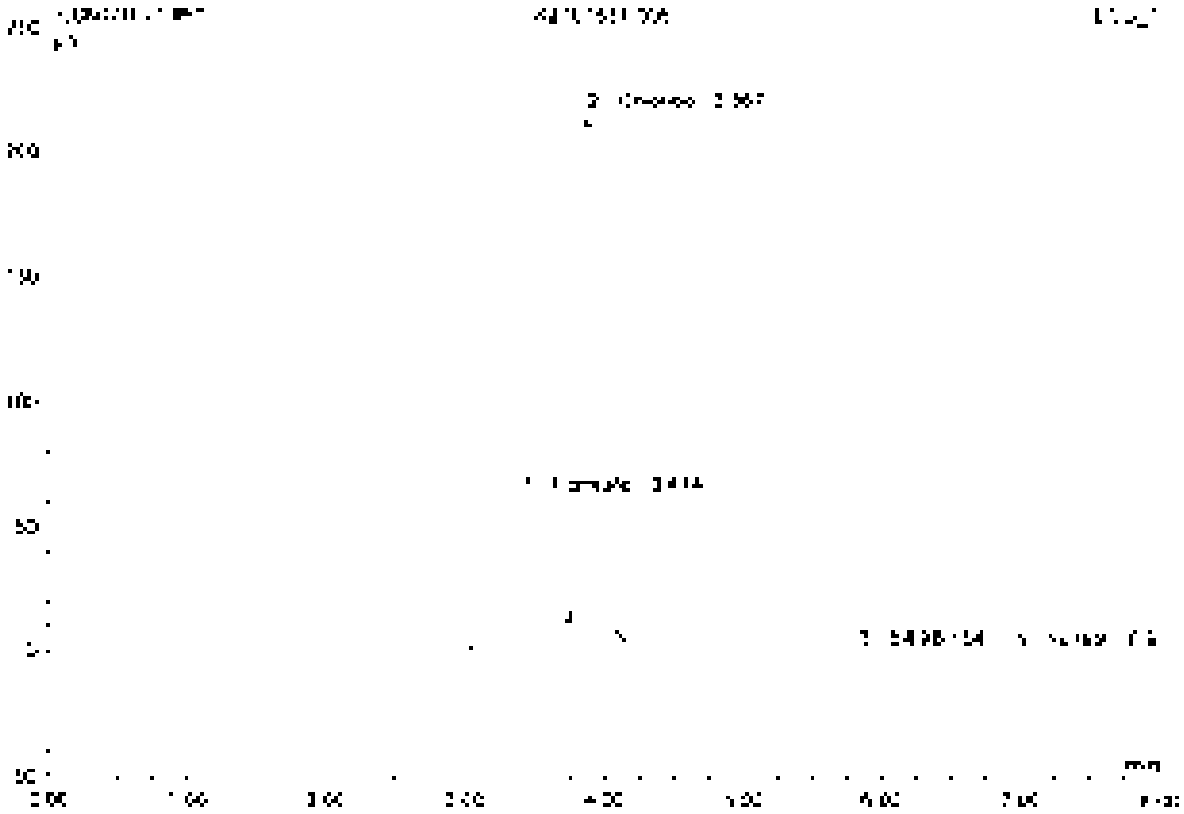
Sample Name	K2107531-005	Injection Volume	25.0
Vial Number	31	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Calibrn Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Processing Time	7/16/2021 20:13	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.28	Acetate	0.306	0.232	81.55	n.a.	BMB
2	3.77	Chloride	0.192	0.022	7.56	0.248	BMB
3	6.01	n.a.	0.078	0.008	2.93	n.a.	BMB
4	6.57	Sulfate	0.030	0.006	2.27	0.105	BMB
5	6.84	n.a.	0.026	0.016	5.49	n.a.	BMB
Total:			0.587	0.284	100.00	0.353	

61 K2107531-006

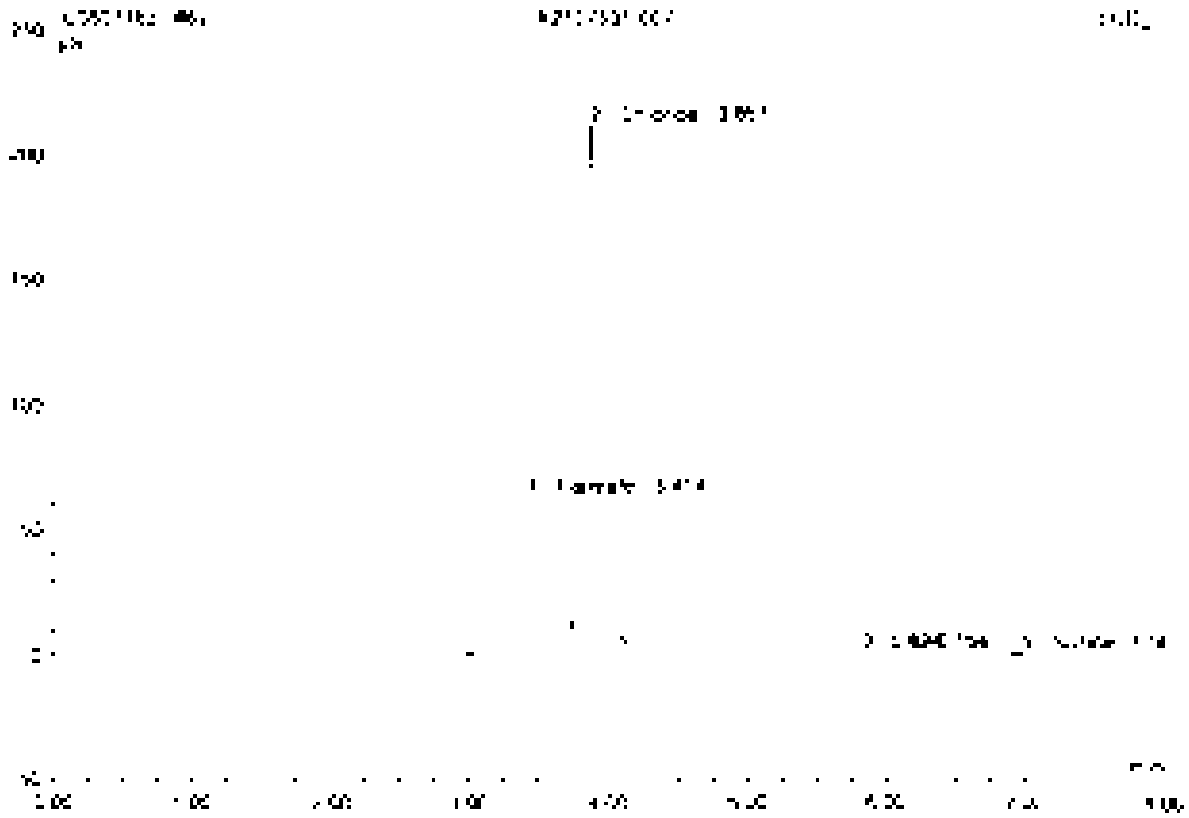
Sample Name	K2107531-006	Injection Volume	25.0
Vial Number	32	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/16/2021 20:33	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.41	Formate	56.141	19.845	49.01	n.a.	BMB
2	3.87	Chloride	206.156	20.289	50.07	215.532	BMB
3	5.84	n.a.	0.312	0.108	0.27	n.a.	BMB
4	6.15	n.a.	0.242	0.045	0.11	n.a.	BMB
5	6.95	Sulfate	0.505	0.095	0.24	1.546	BMB
Total:			263.386	40.515	100.00	217.078	

62 K2107531-007

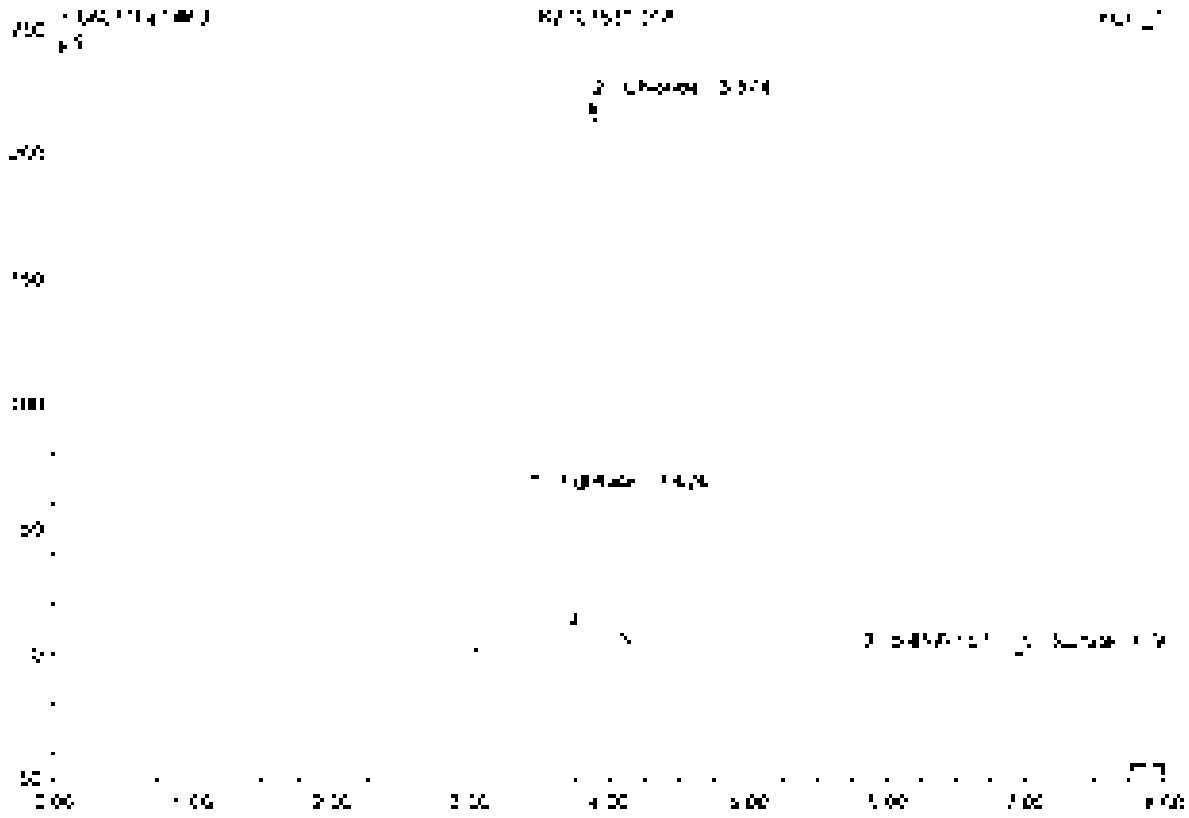
Sample Name	K2107531-007	Injection Volume	25.0
Vial Number	33	Column	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantif. Method	wpa300	Dilution Factor	2.0000
Recording Time	7/14/2021 20:32	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.41	Formate	56.405	20.045	50.01	n.a.	BV b
2	3.87	Chloride	201.645	19.758	49.35	276.704	BMD
3	5.82	n.a.	0.342	0.117	0.29	n.a.	BVb
4	6.15	n.a.	0.203	0.039	0.10	n.a.	bMB
5	6.95	Sulfate	3.470	0.089	0.22	1.445	BMB
Total:			259.071	40.050	100.00	278.149	

83 K2107531-008

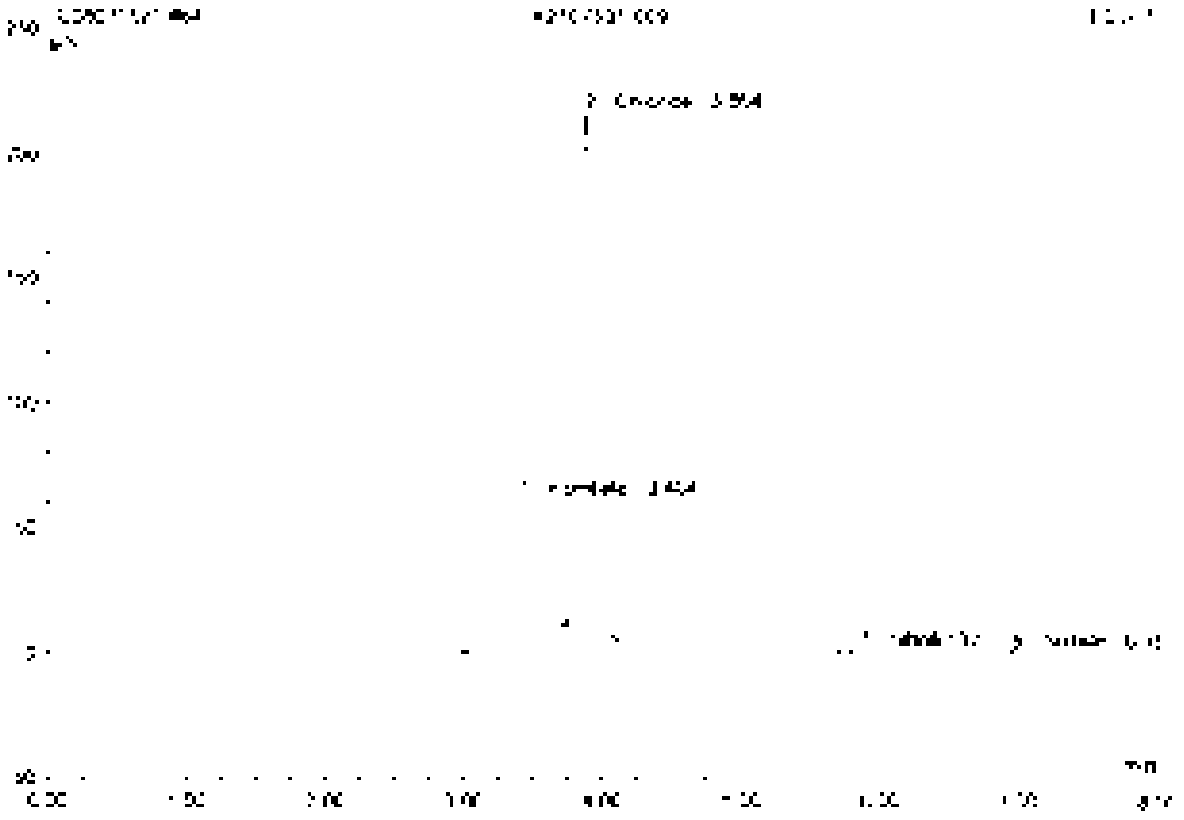
Sample Name	K2107531-008	Injection Volume	25.0
Vial Number	34	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant Method	wpa300	Dilution Factor	2.0000
Recording Time	7/16/2021 20:42	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.42	Formate	57.456	20.653	49.38	n.a.	BMB
2	3.87	Chloride	211.739	20.935	50.04	241.574	BMB
3	5.82	n.a.	0.370	0.131	0.31	n.a.	BMB
4	6.15	n.a.	0.175	0.035	0.08	n.a.	BMB
5	6.97	Sulfate	0.451	0.091	0.22	1.475	BMB
Total			270.237	41.845	100.00	243.349	

64 K2107531-009

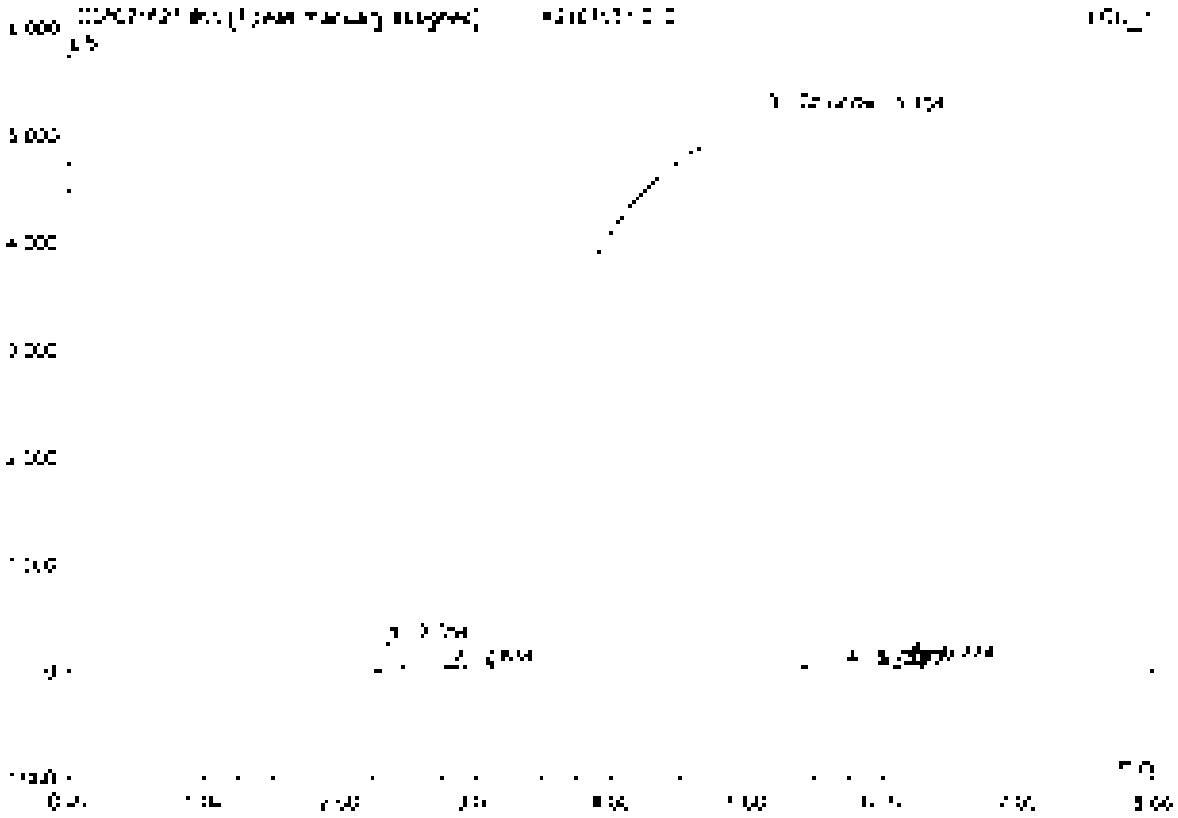
Sample Name	K2107531-009	Injection Volume	25.0
Vial Number	35	Column	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	2.0000
Recording Time	7/16/2021 20:52	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.40	Formate	55 512	19 524	48.34	n.a.	BMb
2	3.86	Chloride	20[illegible]	20 56[illegible]	51.12	232 595	BMb
3	5.55	n.a.	0.20[illegible]	0.105	0.26	n.a.	BMb
4	6.14	n.a.	0.104	0.021	0.05	n.a.	BMB
5	6.45	Sulfate	0.445	0.084	0.21	1.250	BMB
Total:			252 672	40 385	100.00	235 915	

65 K2107531-010

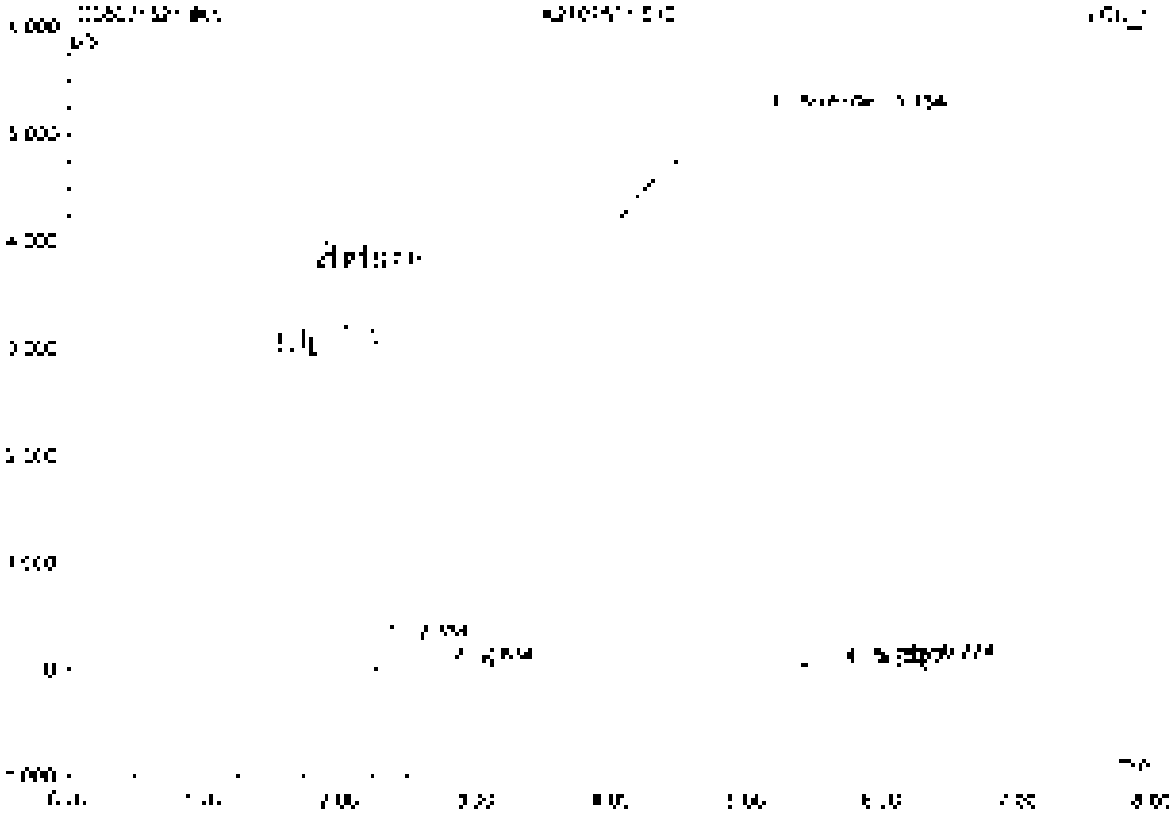
Sample Name	K2107531-010	Injection Volume	25.0
Vial Number	35	Channel	LCD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Count Method	spa300	Dilution Factor	2.0000
Recording Time	7/16/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	6.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.35	n.a.	233.253	24.003	0.29	n.a.	BMB
2	2.83	n.a.	20.454	7.016	0.08	n.a.	BV
3	5.15	Chlorate	5181.376	8267.260	99.50	**********	BV
4	5.74	n.a.	0.143	0.012	0.00	n.a.	BMB
5	5.94	n.a.	7.258	0.014	0.01	n.a.	BV
6	6.22	n.a.	67.377	9.567	0.12	n.a.	BMB
Total:			5528.557	8308.672	100.00	**********	

65 K2107531-010

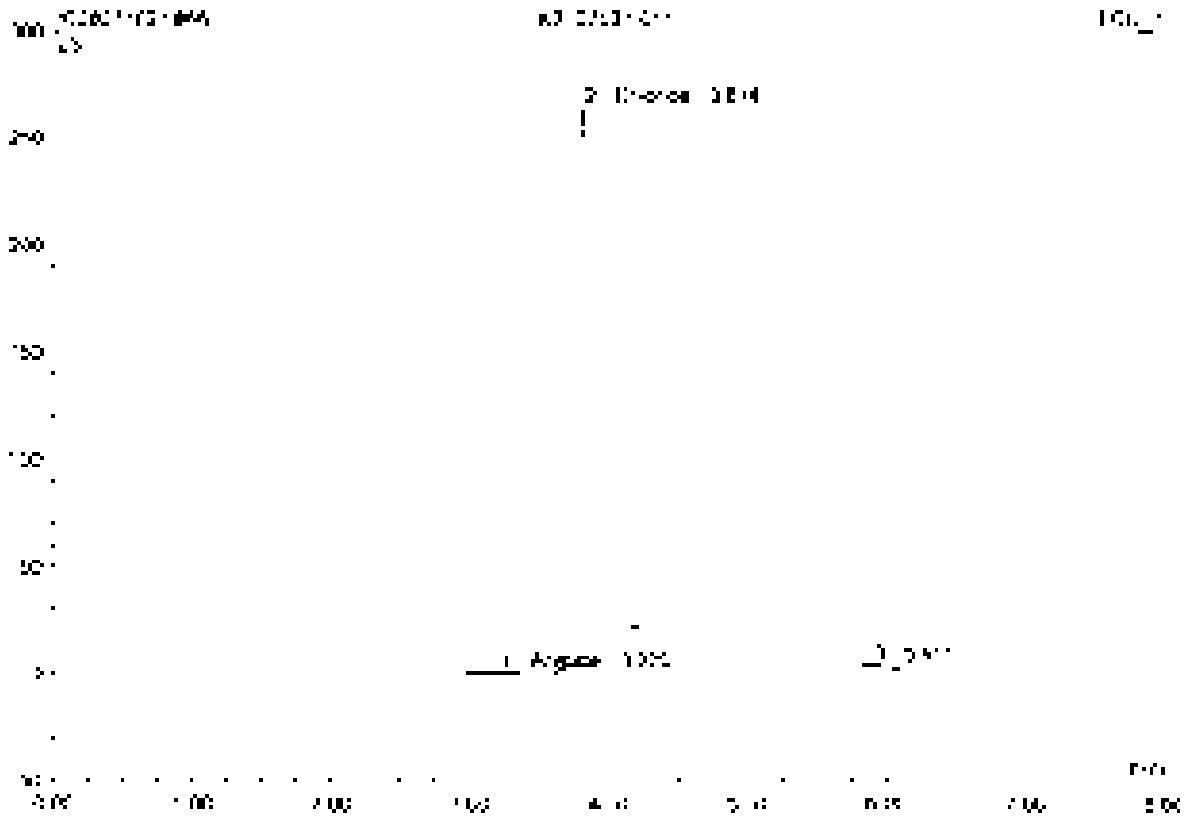
Sample Name	K2107531-010	Injection Volume	25.0
Vial Number	35	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	7/16/2021 21:06	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.35	n.a.	255.253	24.303	0.29	n.a.	BVb
2	2.84	n.a.	20.654	7.316	0.25	n.a.	dMb
3	5.15	Bromide	5183.375	8267.260	99.50	**********	bMU
4	5.74	n.a.	0.143	0.012	0.00	n.a.	BMB
5	6.04	n.a.	7.258	0.514	0.01	n.a.	BMn
6	6.22	n.a.	62.372	3.567	0.17	n.a.	bVB
Total:			5528.557	8308.672	100.00	**********	

66 K2107531.011

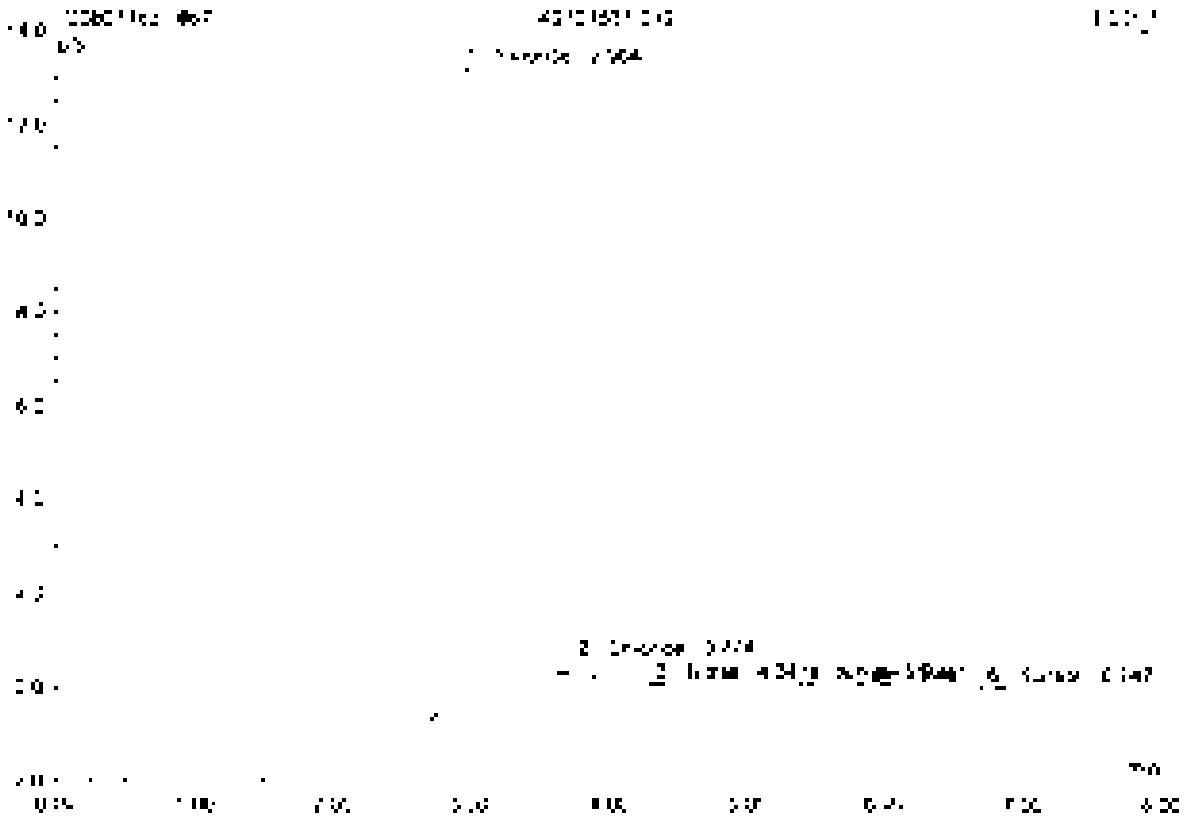
Sample Name	K2107531-011	Injection Volume	35.0
Vial Number	37	Column	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantif. Method	wpa300	Dilution Factor	2.0000
Recording Time	7/16/2021 21:11	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.22	Acetate	0.651	[illegible]	0.85	n.a.	BVB
2	3.81	Chloride	258.872	40.3[illegible]	98.45	466.532	BVB
3	5.91	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BVB
Total			258.582	41.[illegible]	100.00	466.532	

67 K2107531-012

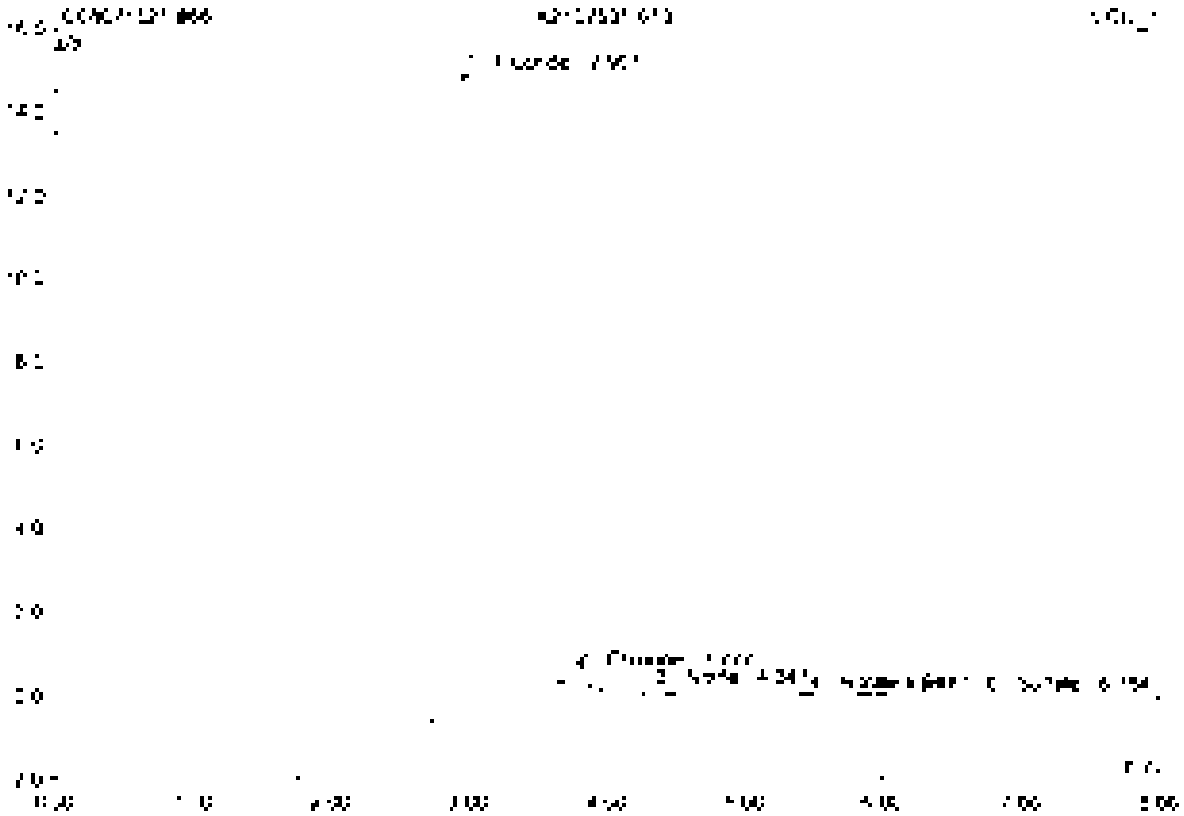
Sample Name	K2107531-012	Injection Volume	25.0
Vial Number	38	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a
Control Program	epa300	Bandwidth	n.a
Control Method	epa300	Dilution Factor	2.0000
Recording Time	7/19/2021 21:30	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.96	Fluoride	13.654	3.321	37.56	26.449	BMb
2	3.77	Chloride	0.241	0.038	1.12	0.309	bMB
3	4.34	Nitrite	0.049	0.007	0.19	0.037	BMB
4	5.45	Nitrate	0.035	0.015	0.45	0.073	BMb
5	5.92	n.a	0.058	0.015	0.47	n.a	bMB
6	6.75	Sulfate	0.027	0.007	0.20	0.112	BMB
Total			14.215	3.404	100.00	27.110	

68 K2107531-013

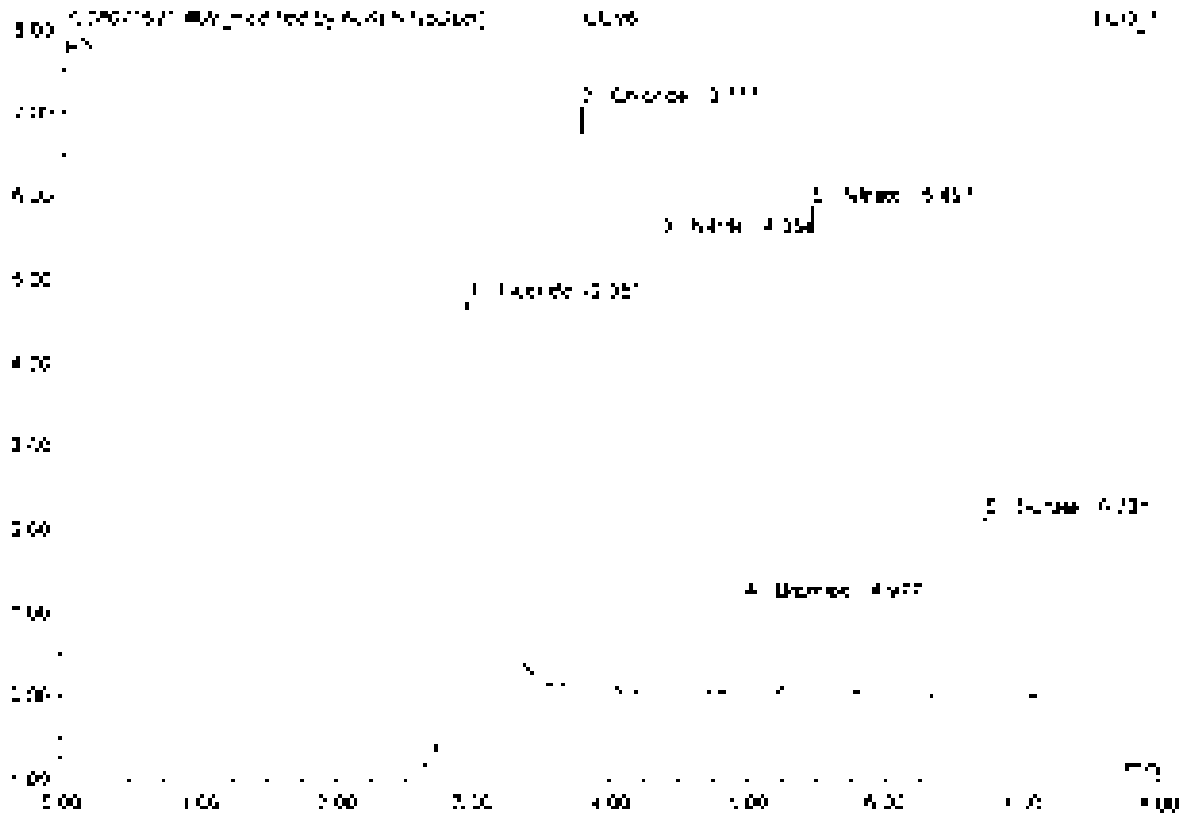
Sample Name	K2107531-013	Injection Volume	25.0
Vial Number	39	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantif. Method	wpa300	Dilution Factor	2.0000
Recording Time	7/14/2021 21:35	Sample Weight	1.0000
Run Time (min)	8.85	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.57	Fluoride	15.352	3.715	57.32	29.538	BMB
2	3.78	Chloride	0.309	0.033	0.86	0.377	BMB
3	4.35	Nitrite	0.136	0.024	0.62	0.151	BMB
4	5.47	Nitrate	0.344	0.007	0.19	0.004	BMB
5	5.94	n.a.	0.052	0.012	0.32	n.a.	BMB
6	6.75	Sulfate	0.037	0.007	0.20	0.128	BMB
Total:			15.924	3.794	100.00	30.235	

69 CCV6

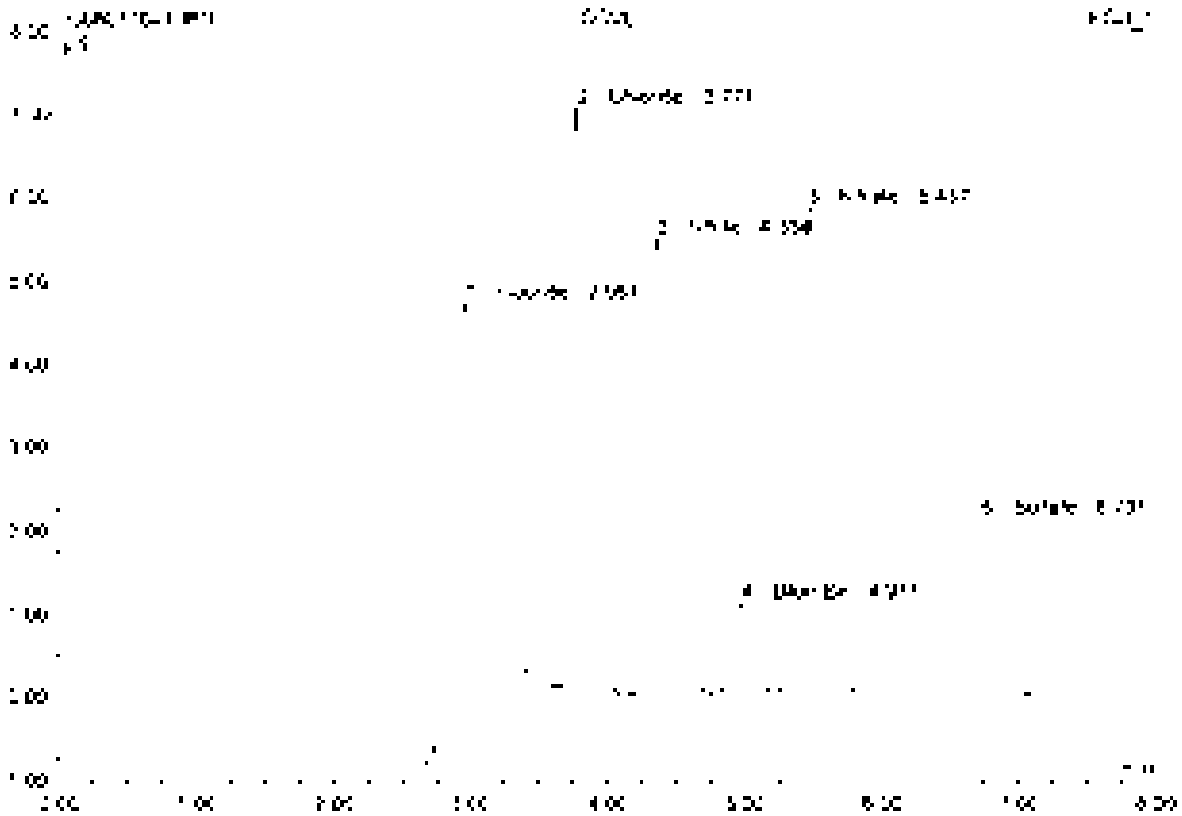
Sample Name	CCV6	Injection Volume	25.0
Vial Number	48	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/16/2021 21:40	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	5.191	[illegible]	26.15	5.016	BMB
2	3.78	Chloride	6.565	[illegible]	17.47	4.655	BMB
3	4.35	Nitrite	5.450	0.890	12.26	2.472	BMB
4	4.98	Bromide	[illegible]	0.169	2.31	2.330	BMB
5	5.45	Nitrate	5.835	[illegible]	21.52	2.470	BMB
6	6.75	Sulfate	2.148	0.625	12.59	5.078	BMB
Total:			25.779	4.816	100.30	22.280	

69 CCV6

Sample Name	CCV6	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Calibration Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/16/2021 21:40	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000

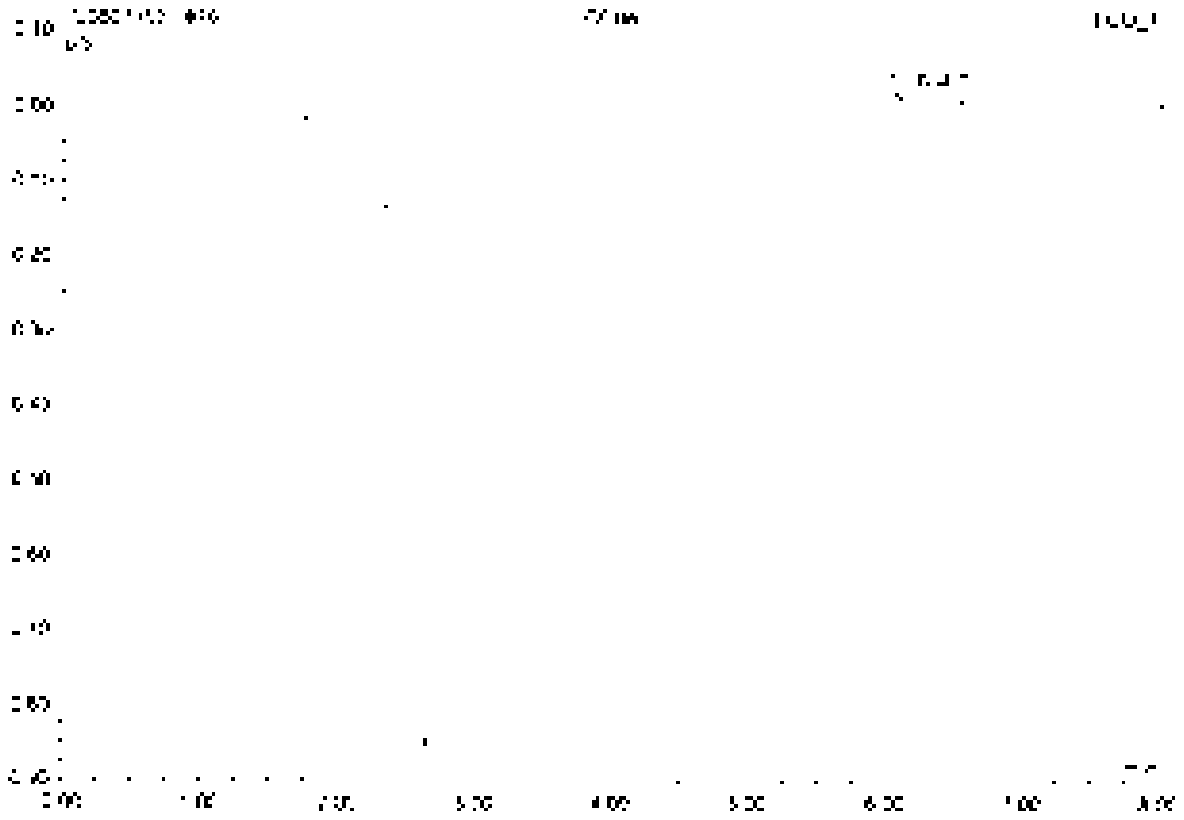


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.46	Fluoride	5.212	[illegible].304	26.83	5.193	BMB
2	3.78	Chloride	5.080	0.841	17.31	4.855	BMB
3	4.35	Nitrite	5.459	0.850	18.10	2.472	BMB
4	4.98	Bromide	1.057	0.165	3.47	2.380	BMB
5	5.45	Nitrate	5.836	[illegible].342	27.45	2.476	BMB
6	6.73	Sulfate	2.146	0.625	12.97	5.078	BMB
Total:			25.750	4.961	100.00	22.458	

Before

70 CCB6

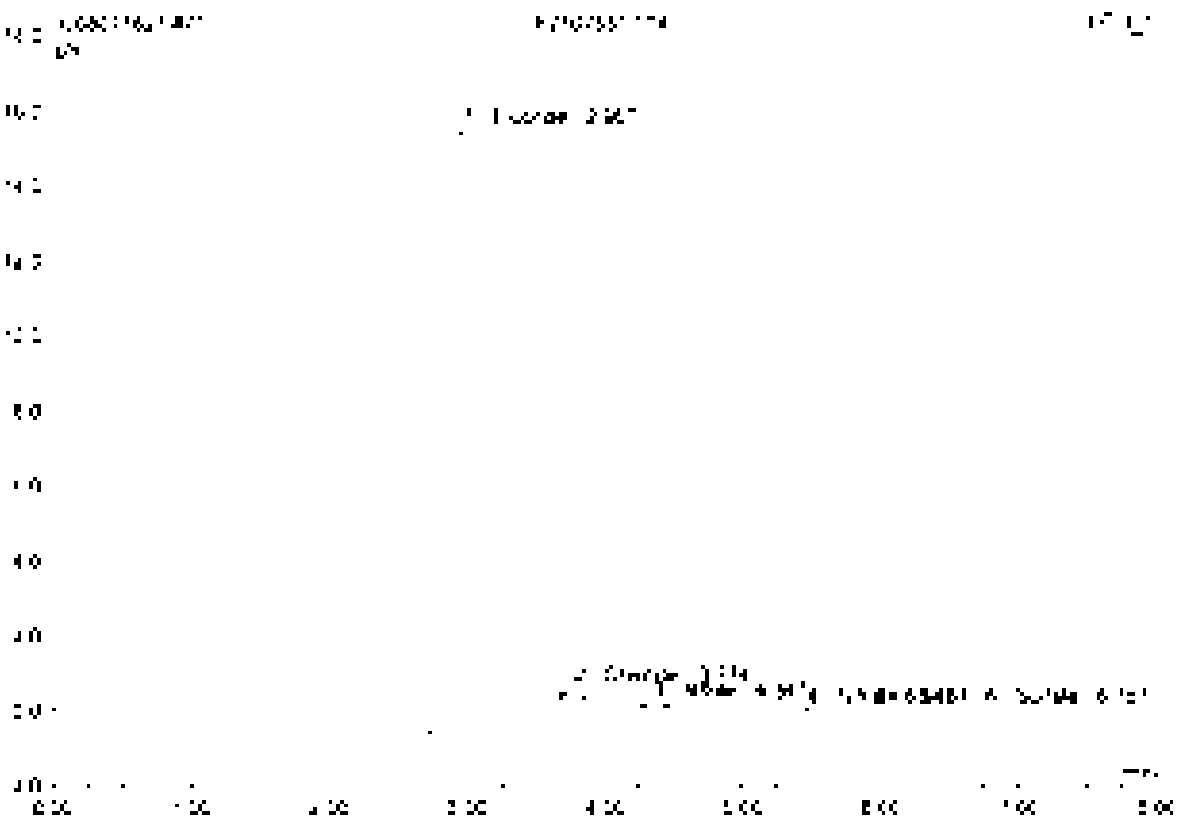
Sample Name	CCB6	Injected Volume	75.0
Vial Number	47	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Sample Method	epa300	Dilution Factor	1.0000
Recording Time	7/18/2018 21:50	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.50	n.a.	3.340	2.047	100.00	n.a.	BMB
Total:			3.340	2.047	100.00	0.000	

71 K2107531-014

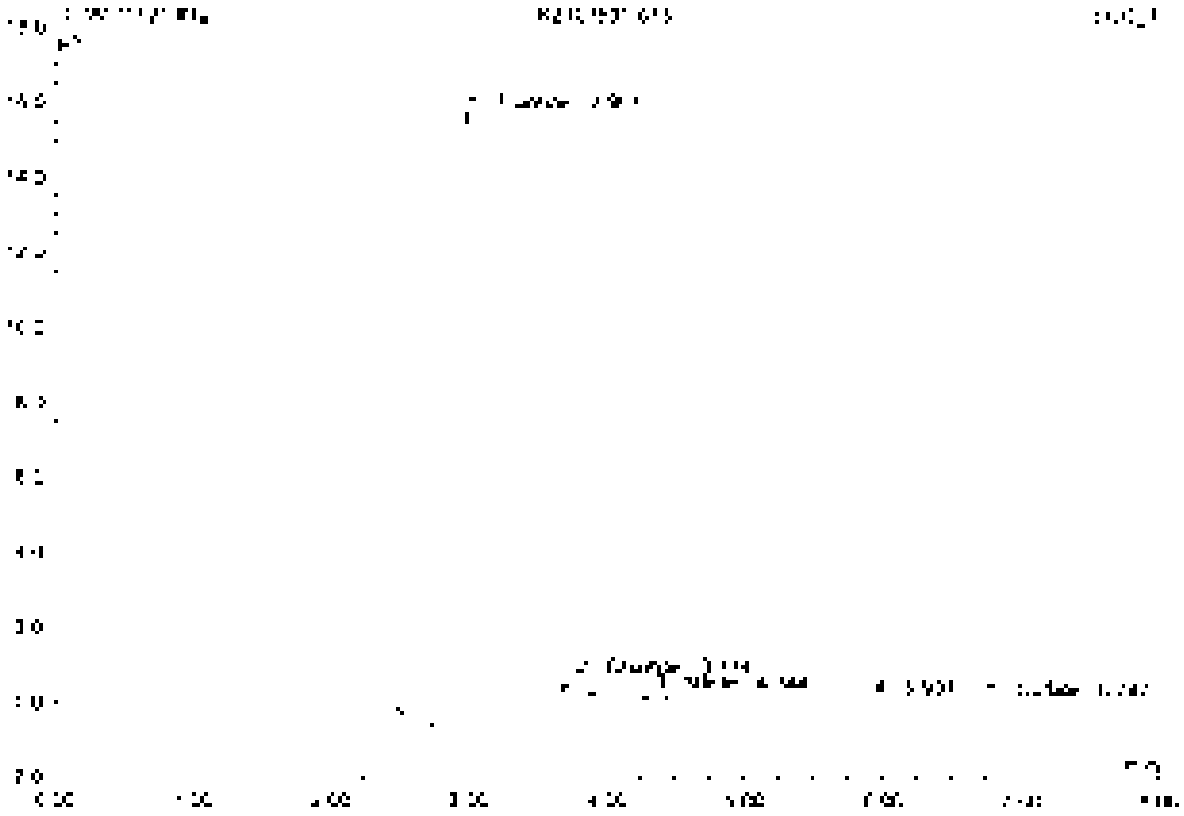
Sample Name	K2107531-014	Injection Volume	35.0
Vial number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/16/2021 22:00	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.57	Fluoride	16.900	3.825	95.00	10.447	BMB
2	3.77	Chloride	0.025	0.034	0.87	0.094	BMB
3	4.25	Nitrite	0.148	0.022	0.56	0.123	BMB
4	5.47	Nitrate	0.037	0.006	0.15	0.028	BMB
5	5.95	n.a.	0.041	0.010	0.26	n.a.	BMB
6	6.76	Sulfate	0.027	0.005	0.16	0.130	BMB
Total			16.474	3.901	100.00	11.527	

72 K2107531-015

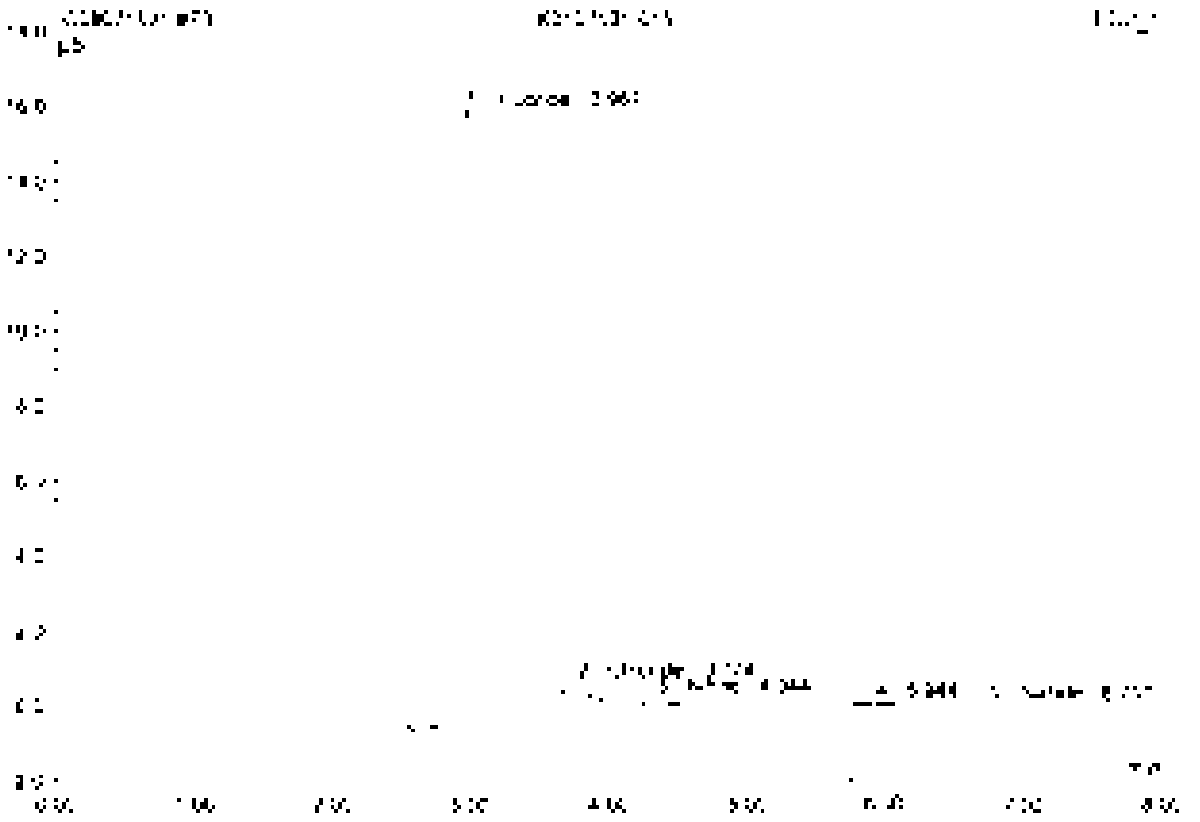
Sample Name	K2107531-015	Injection Volume	25.0
Vial Number	41	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	2.0000
Recording Time	7/16/2021 22:09	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.97	Fluoride	16.071	3.862	98.13	26.750	BMB
2	3.77	Chloride	0.321	0.034	0.85	0.369	BMB
3	4.34	Nitrite	0.152	0.022	0.57	0.125	BMB
4	5.94	n.a.	0.048	0.012	0.30	n.a.	BMB
5	6.45	Sulfate	0.024	0.006	0.15	0.096	BMB
Total:			16.616	3.935	100.00	31.390	

73 K2107531-016

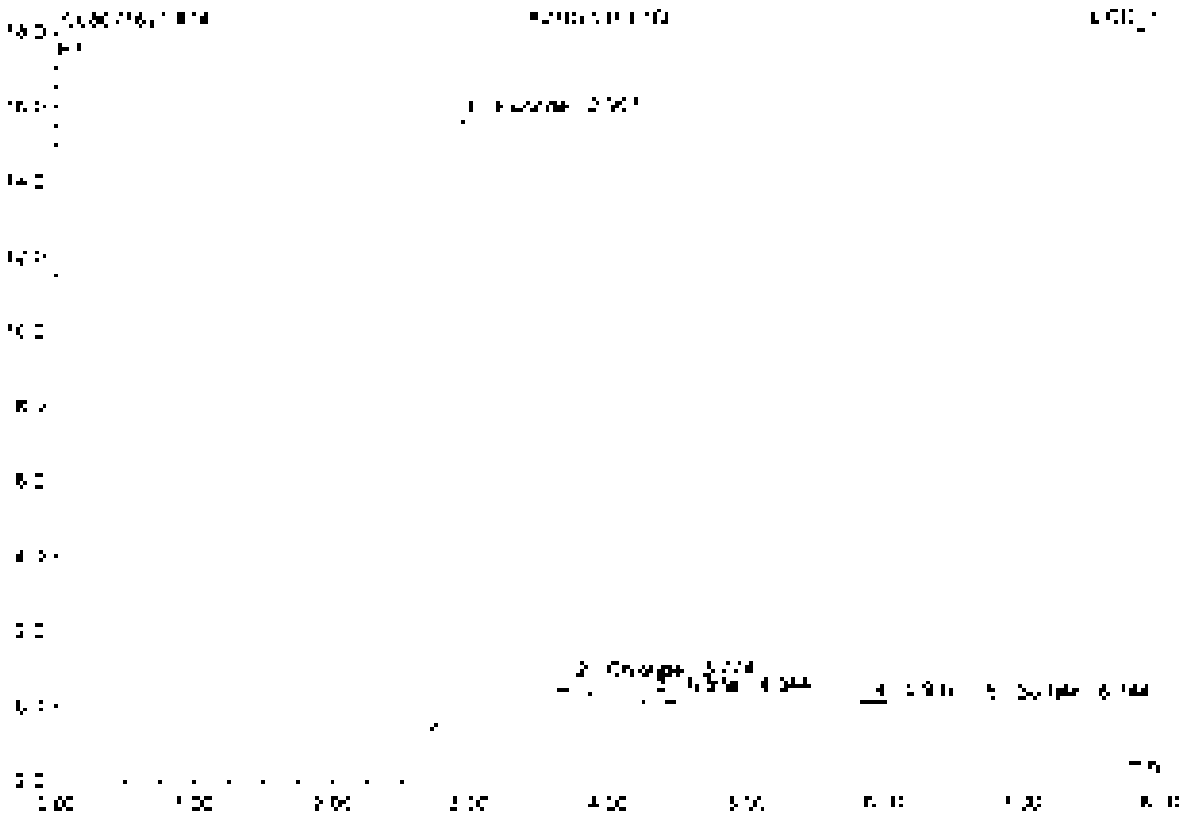
Sample Name	K2107531-016	Injection Volume	20.0
Run Number	42	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Processing Time	Tue 6/29/2021 22:19	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.97	Fluoride	16.256	3.518	98.65	31.205	BV*
2	3.77	Chloride	0.026	0.034	0.98	0.095	SV0
3	4.34	Nitrite	0.156	0.003	0.07	0.027	BMB
4	5.94	n.a.	0.052	0.013	0.37	n.a.	BMB
5	6.75	Sulfate	0.026	0.006	0.15	0.092	BMB
Total:			16.809	3.595	100.00	31.820	

74 K2107531-016D

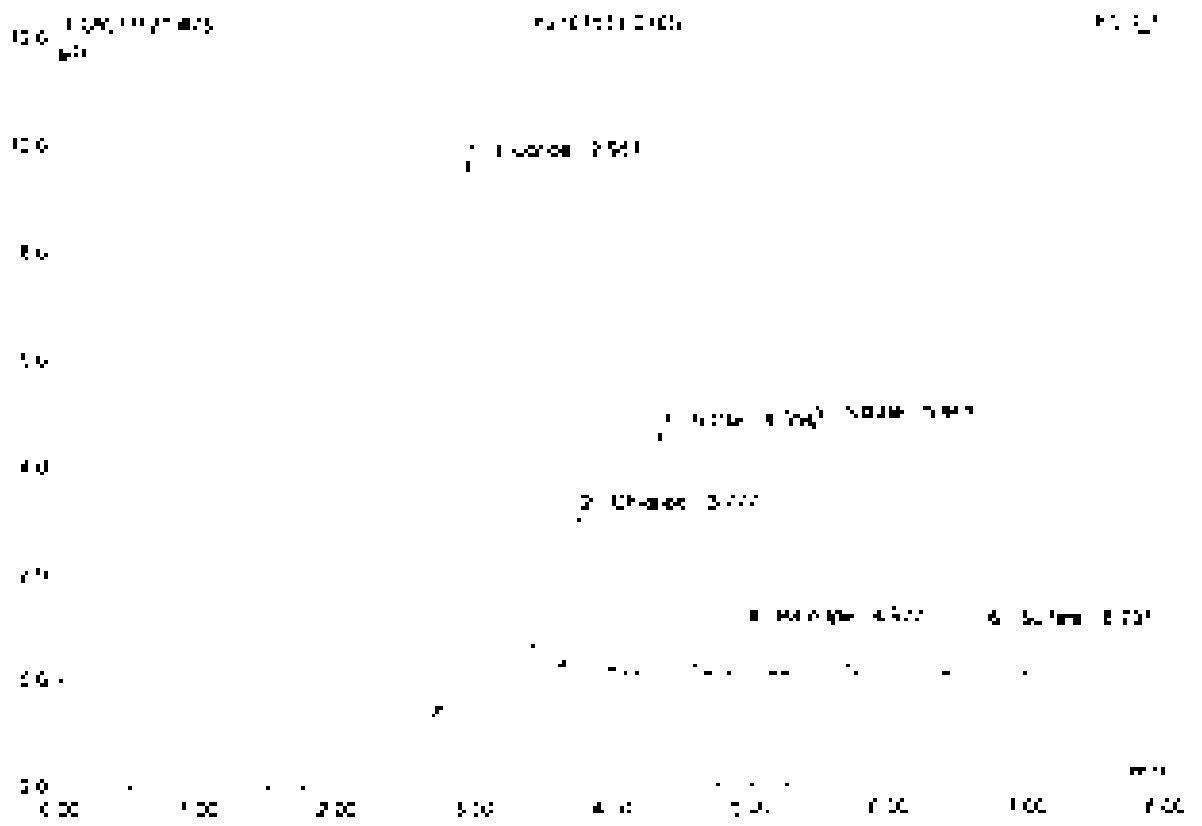
Sample Name	K2107531-016D	Injection Volume	25.0
Vial Number	43	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Optimized Method	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/16/2021 22:29	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.27	Fluoride	16.069	3.303	95.72	30.751	BMb
2	3.77	Chloride	0.325	0.038	0.67	0.094	BMU
3	4.34	Nitrite	0.153	0.022	0.47	0.126	BMB
4	5.34	Nitrate	0.047	0.012	0.30	n.a.	BV B
5	6.74	Sulfate	0.025	0.005	0.14	0.090	BV B
Total:			16.619	3.537	100.00	31.370	

75 K2107531-0165

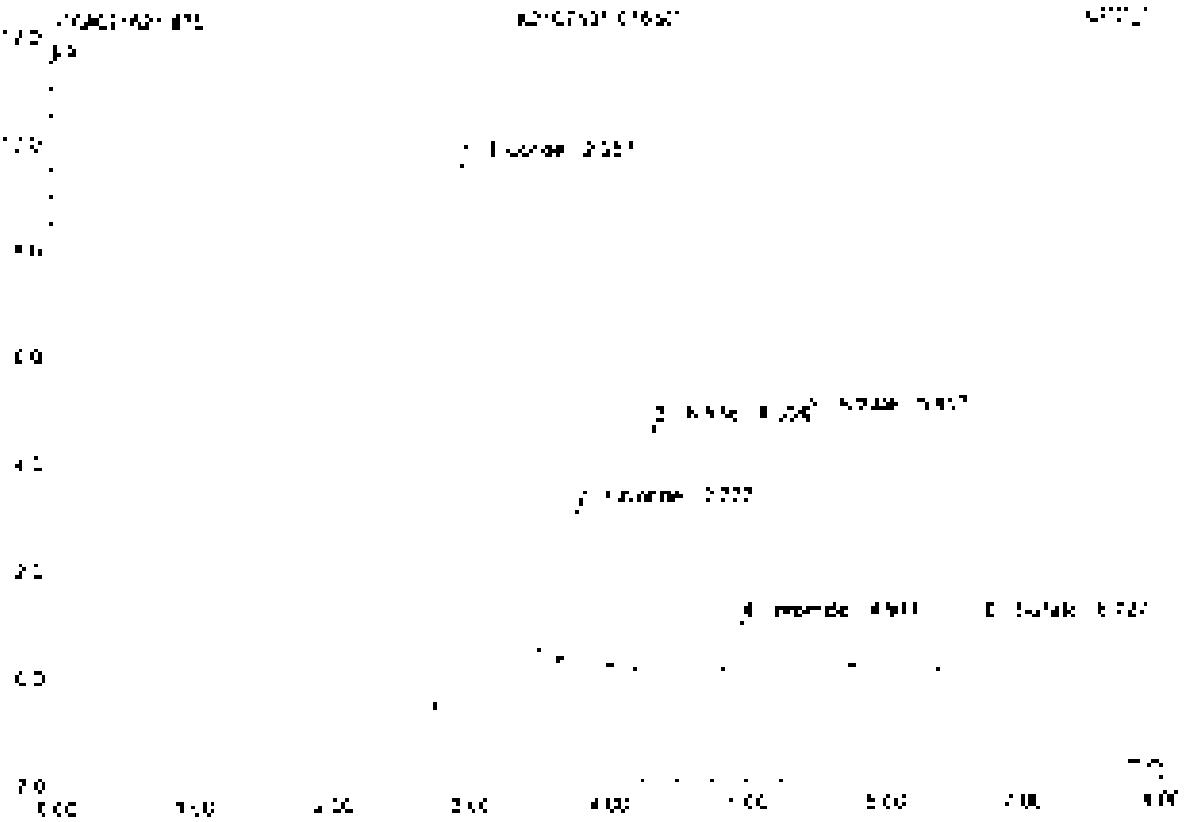
Sample Name	K2107531-0165	Injection Volume	25.0
Run Number	44	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Data Method	epa300	Dilution Factor	4.0000
Recording Time	7/13/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	10.055	[illegible]	51.55	38.439	BMB
2	3.78	Chloride	2.856	0.308	7.70	7.811	BMB
3	4.35	Nitrite	4.547	0.721	15.42	[illegible]	BMB
4	4.58	Bromide	0.881	0.135	2.86	7.025	BMB
5	5.46	Nitrate	4.086	0.828	17.69	7.868	BMB
6	5.72	Sulfate	0.868	0.245	5.20	7.944	BMB
Total:			21.893	4.678	100.00	[illegible]	

76 K2107531-016SD

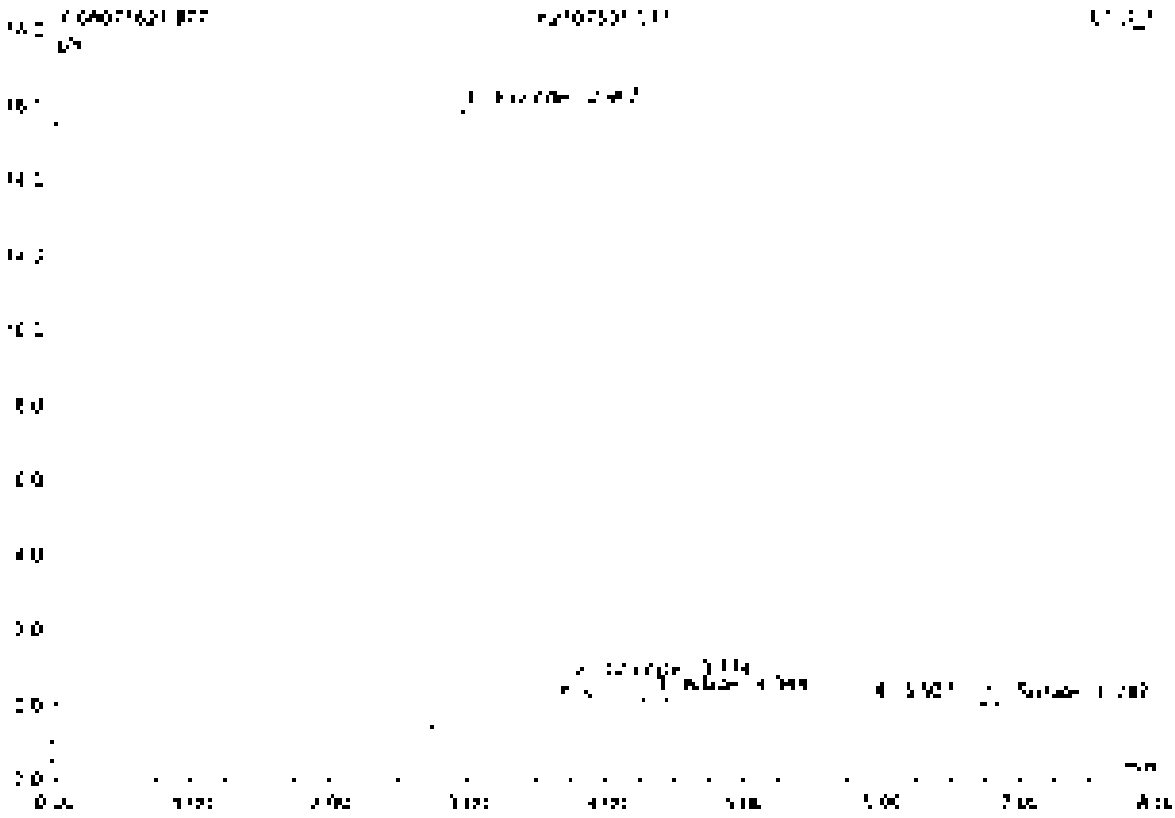
Sample Name	K2107531-016SD	Injection Volume	25.0
Vial Number	45	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	4.0000
Recording Time	7/15/2021 22:48	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.90	Fluoride	9.579	2.090	51.24	32.871	BMB
2	3.78	Chloride	2.875	0.340	7.25	7.057	BMB
3	4.15	Nitrite	4.560	0.722	15.48	[illegible]	BMB
4	4.93	Bromide	3.825	0.136	2.97	7.663	BMB
5	5.46	Nitrate	4.701	0.328	7.16	7.877	BMB
6	6.73	Sulfate	3.875	0.248	5.32	8.054	BMB
Total:			25.875	4.666	100.00	[illegible]	

77 K2107531-017

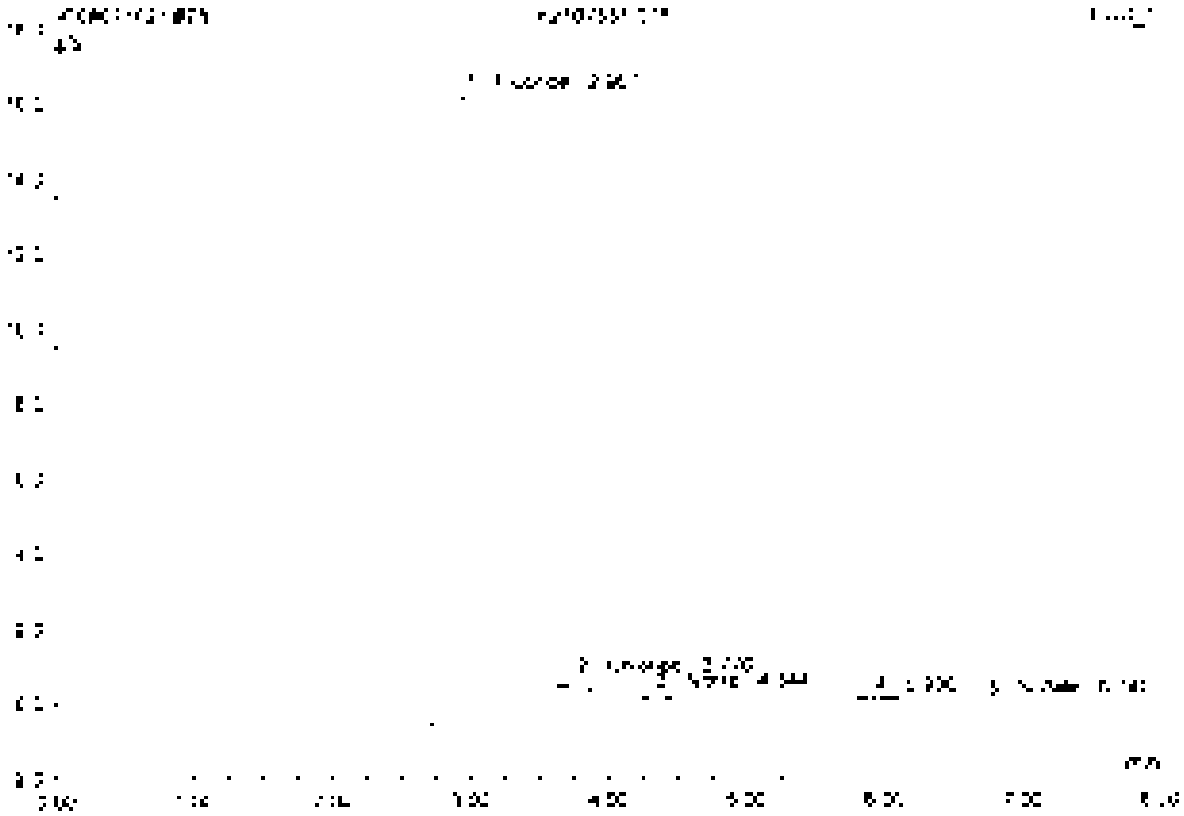
Sample Name	K2107531-017	Injection Volume	25.0
Vial Number	50	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a
Control Program	epa300	Bandwidth	n.a
Quant Method	epa300	Dilution Factor	2.0000
Processing Time	7/16/2021 22:57	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.97	Chloride	16.270	0.907	58.17	31.118	BMB
2	3.77	Chlorate	0.375	0.034	2.55	0.362	BMB
3	4.34	Nitrite	0.155	0.022	1.59	0.117	BMB
4	5.94	n.a	0.040	0.010	0.75	n.a	BMB
5	6.75	Sulfate	0.326	0.606	43.15	0.060	BMB
Total:			16.820	1.580	100.00	31.657	

78 K2107531-018

Sample Name	K2107531-018	Injection Volume	35.0
Vial Number	3	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	1.0000
Processing Time	7/16/2021 21:07	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000

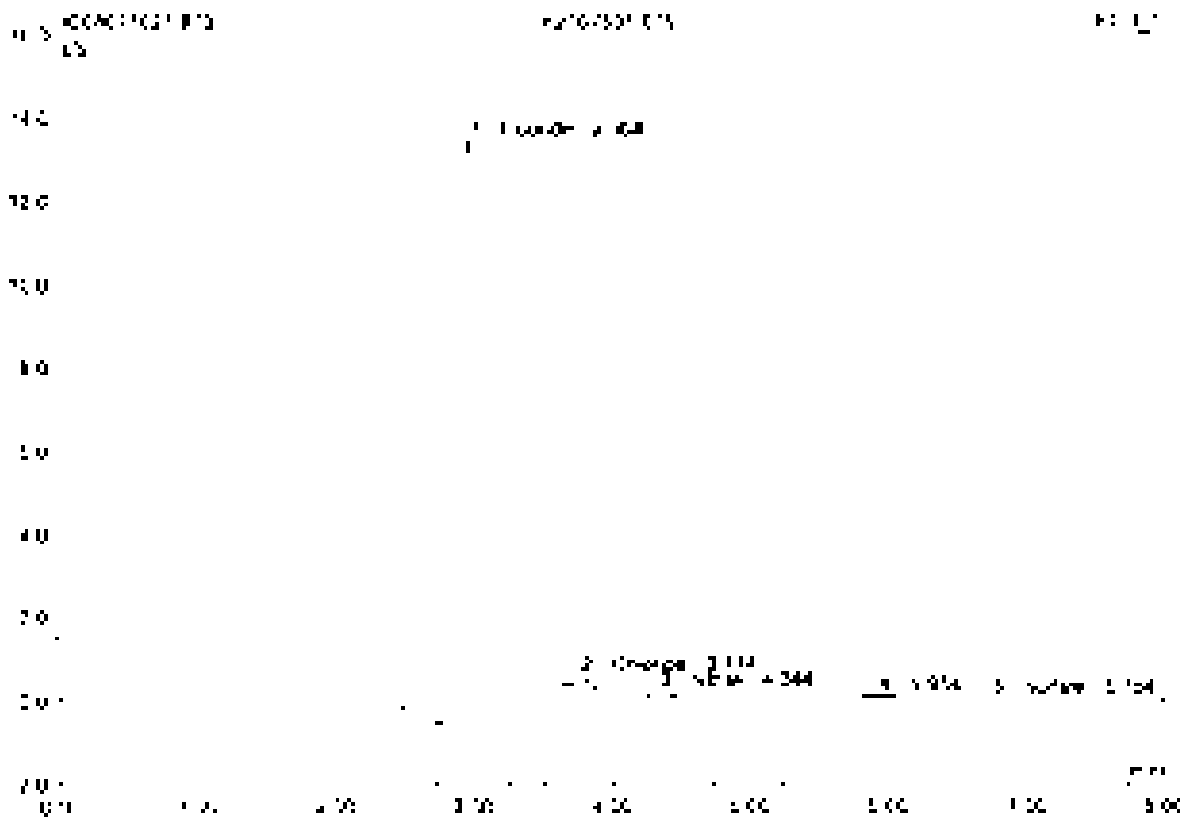


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.37	Fluoride	16.596	4.000	98.13	31.652	BMb
2	3.17	Chloride	0.375	0.033	0.81	0.375	bVB
3	4.34	Nitrite	0.156	0.020	0.50	0.129	BMB
4	5.93	Nitrate	0.067	0.015	0.36	n.a.	BMB
5	6.74	Sulfate	0.088	0.006	0.14	0.045	BMB
Total:			17.142	4.076	100.00	32.454	

Chromeleon (c) Dionex 1996-2006
Version 6.50 SR1 (3 Build 3992) 1/9/2007 9:[illegible]

79 K2107631-019

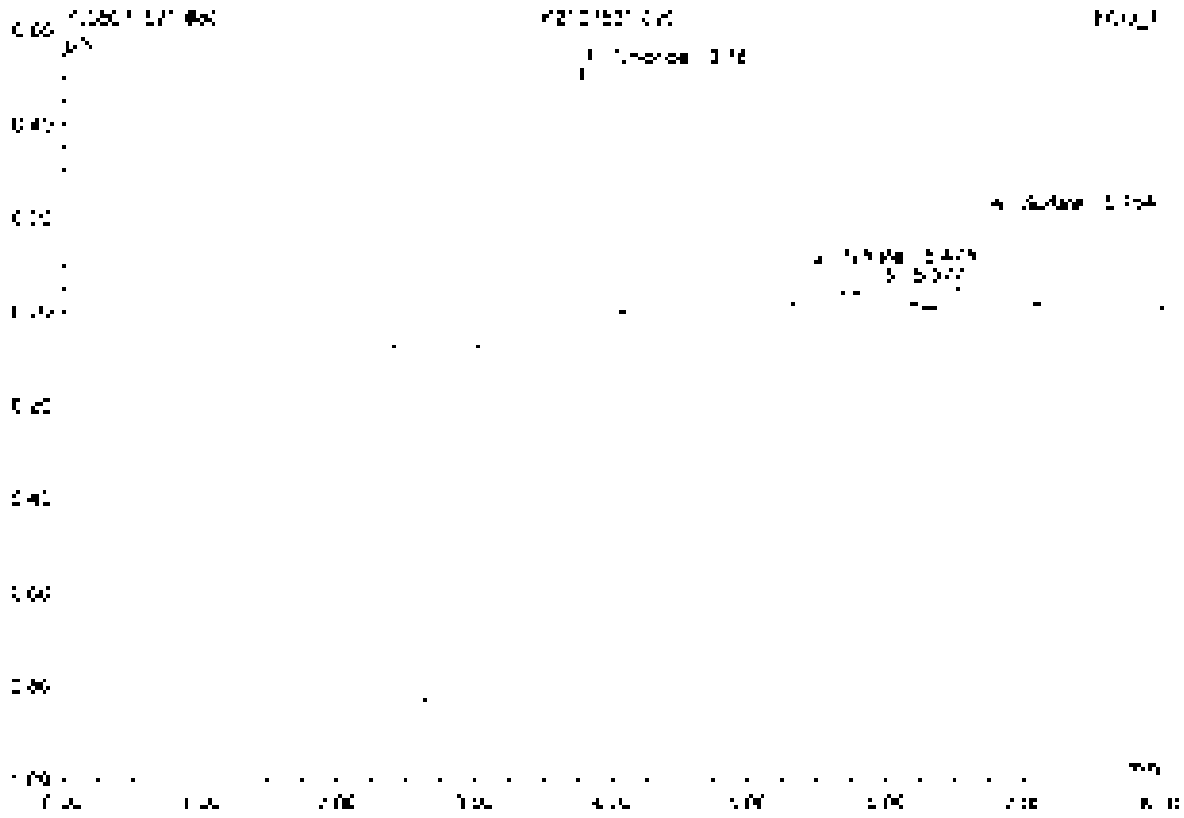
Sample Name	K2107631-019	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a
Control Program	epa300	Bandwidth	n.a
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	7/1/2021 21:17	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Propoxur	13.840	0.337	97.79	26.574	BMB
2	3.77	Carbaryl	0.308	0.032	0.94	0.372	BMB
3	4.34	Methiocarb	0.164	0.022	0.65	0.125	BVB
4	5.93	n.a	0.057	0.016	0.46	n.a	BVB
5	6.75	Surfactin	0.073	0.005	0.16	0.065	BVB
Total			14.382	0.412	100.00	27.152	

80 K2107531-020

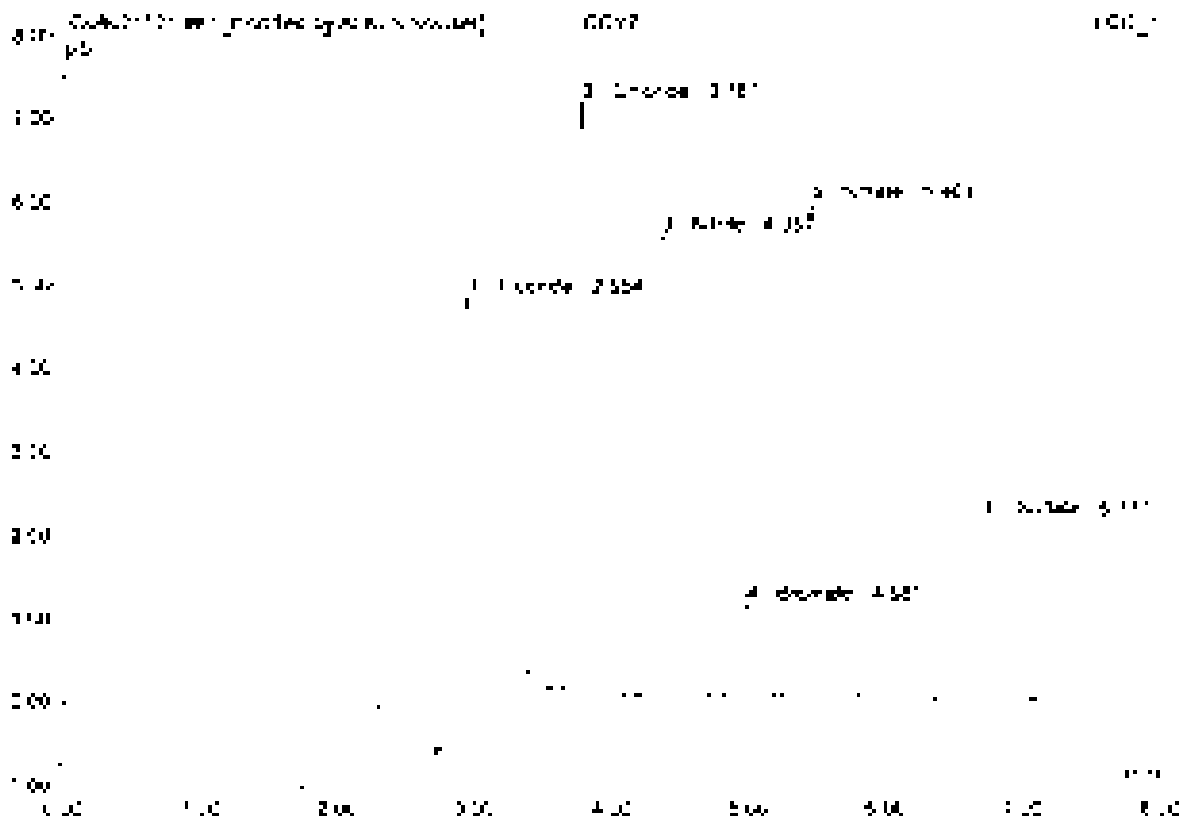
Sample Name	K2107531-020	Injection Volume	10.0
Vial Number	5	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantif. Method	wpa300	Dilution Factor	2.0000
Recording Time	7/16/2021 23:27	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.74	Chloride	0.035	0.096	45.59	0.753	BV B
2	5.47	Nitrate	0.011	0.013	6.93	0.081	BMb
3	5.92	n.a.	0.020	0.005	5.31	n.a.	BMB
4	5.75	Sulfate	0.197	0.056	40.17	0.941	BV B
Total			0.032	0.144	100.00	1.751	

81 CCV7

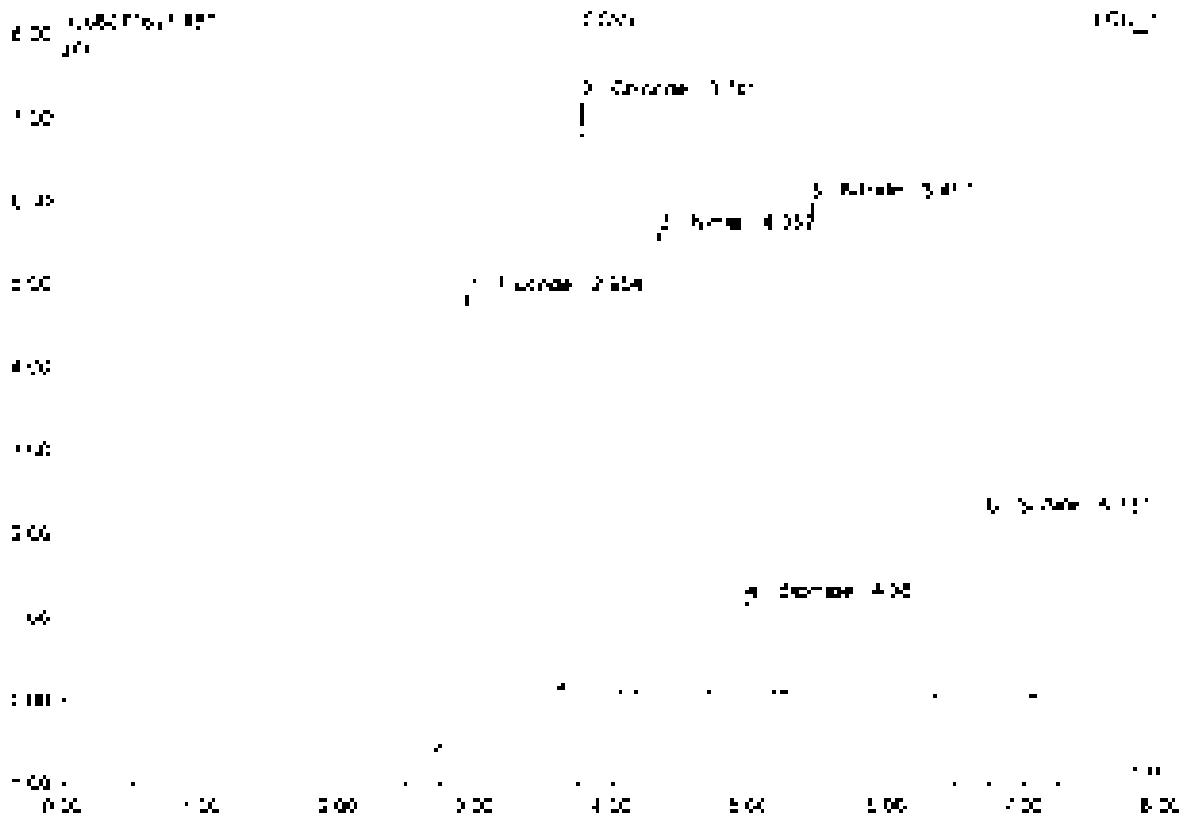
Sample Name	CCV7	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	7/14/2021 23:36	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	5.249	1.251	26.10	4.582	BMB*
2	3.48	Chloride	7.071	0.839	17.51	4.048	BMB*
3	4.36	Nitrite	6.541	0.875	18.27	2.950	BMB
4	4.98	Bromide	1.106	0.169	3.52	2.976	BMB
5	5.46	Nitrate	5.932	1.038	21.65	2.467	BMB
6	6.73	Sulfate	2.185	0.621	12.95	5.039	BMB
Total			27.083	4.793	100.00	22.174	

81 CCV7

Sample Name	CCV7	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Calibrate Property	apa300	Bandwidth	n.a.
Quant Method	apa300	Output Factor	1.0000
Recording Time	7/16/2021 23:36	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



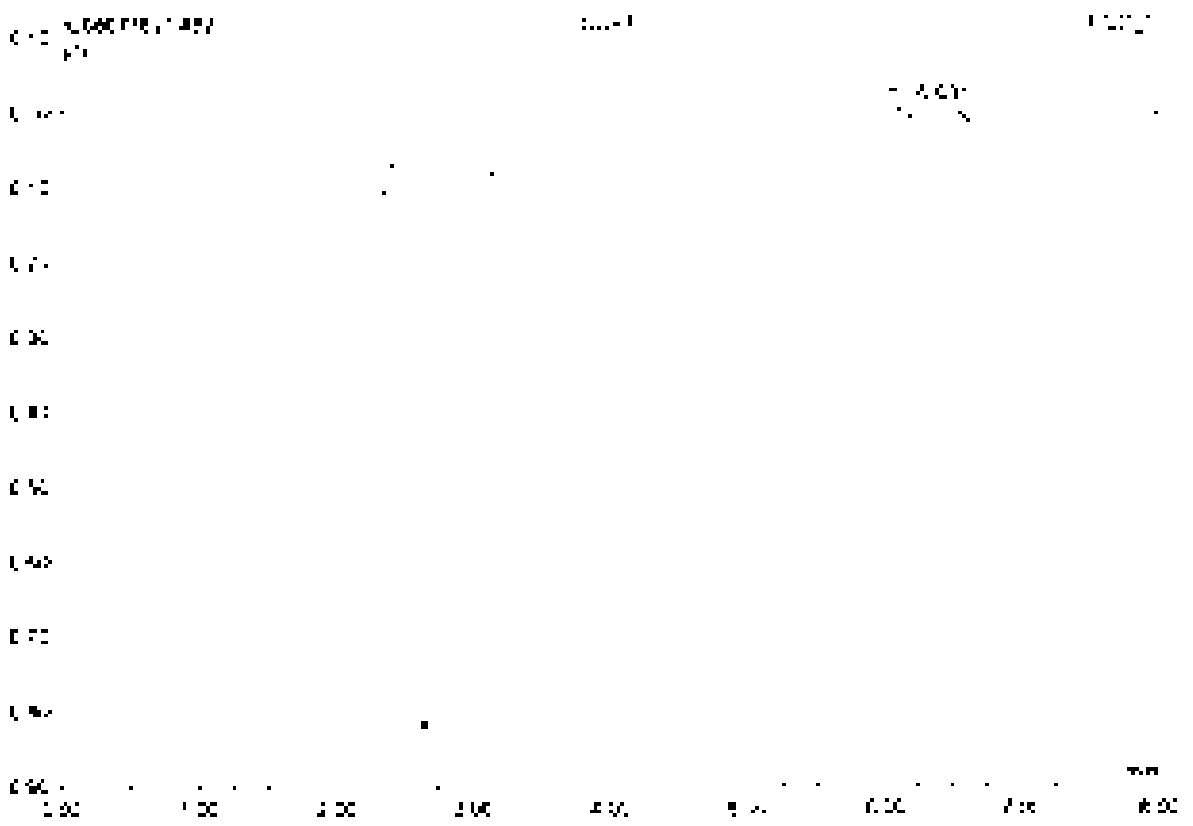
No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.95	Fluoride	5.280	1.302	26.28	5.185	BMB
2	3.32	Chloride	7.077	0.839	17.33	4.849	BVB
3	4.30	Nitrite	5.541	0.875	18.07	2.450	BVB
4	4.98	Bromide	1.165	0.169	3.48	2.378	BVB
5	5.46	Nitrate	5.832	1.038	21.43	2.461	BVB
6	6.73	Sulfate	2.186	0.621	12.81	5.032	BVB
Total:			27.112	4.844	100.00	22.377	

Eluent:

Nu: 1.0

82 CCB7

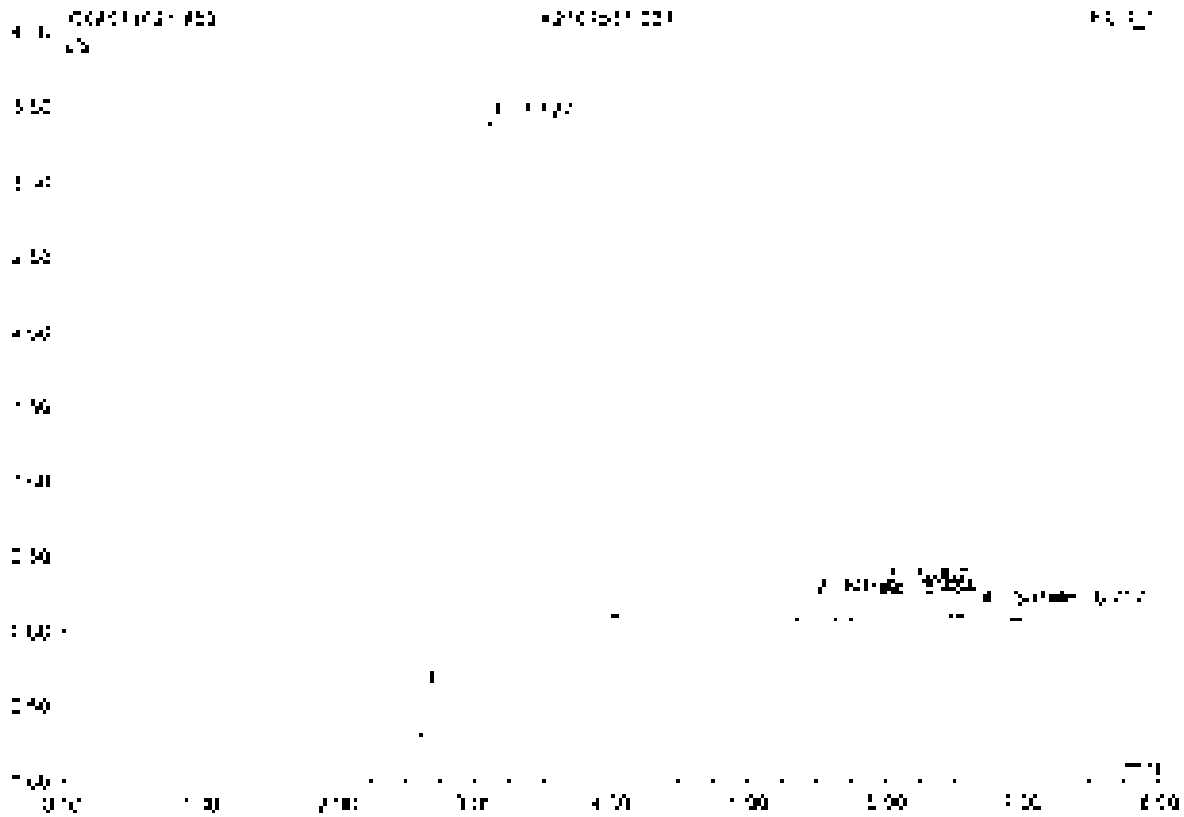
Sample Name	CCB7	Injection Volume	10.0
Vial Number	49	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/16/2021 23:47	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.03	n.a.	0.372	1.997	100.00	n.a.	BMB
Total:			0.372	1.997	100.00	0.000	

#3 K2107531-021

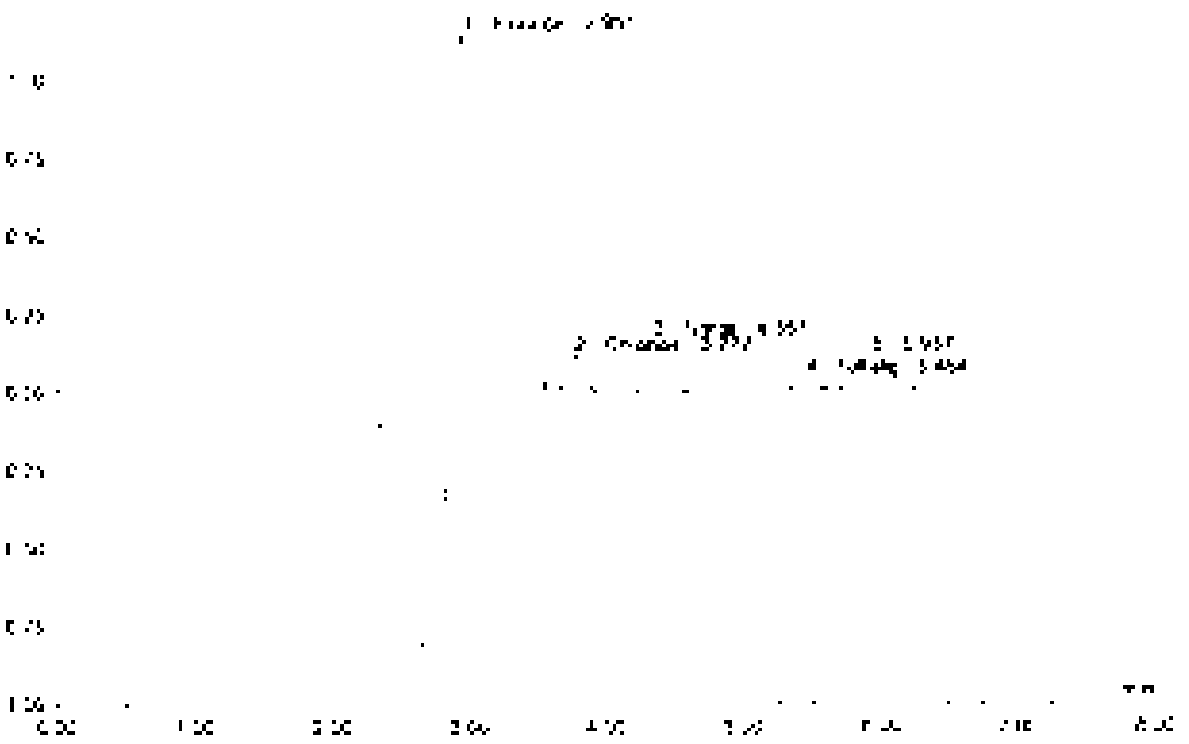
Sample Name	K2107531-021	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Analysis Time	7/16/2021 23:58	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.12	n.a.	0.695	[illegible]	82.81	n.a.	BMB
2	5.48	Nitrate	[illegible]	[illegible]	1.56	[illegible]	BMB
3	5.[illegible]	n.a.	[illegible]	[illegible]	4.57	n.a.	BMB
4	5.7[illegible]	Sulfate	[illegible]	[illegible]	1.02	[illegible]	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

84 K2107531-022

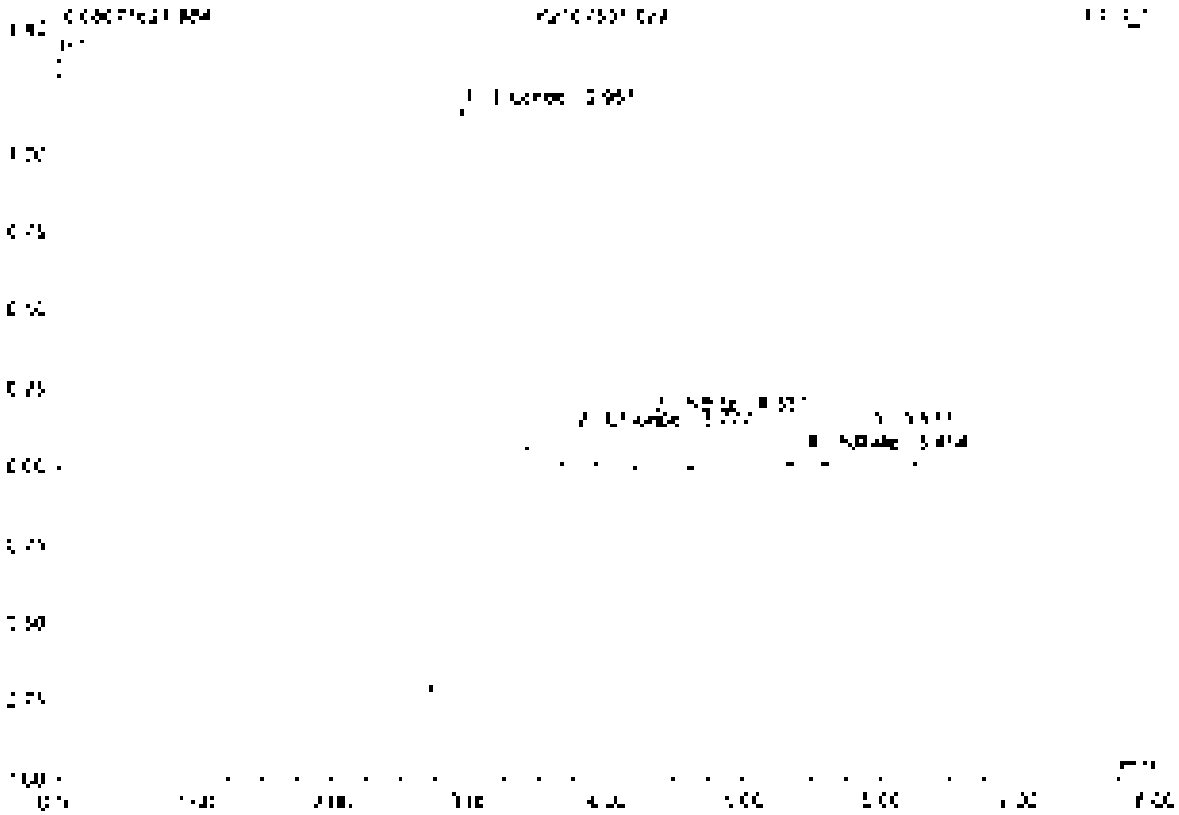
Sample Name	K2107531-022	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Source Method	epa300	Calibrat. Factor	2.0000
Recording Time	7/8/2021 0:08	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.75	Fluoride	1.428	0.352	82.44	2.815	BV
2	3.78	Chloride	0.108	0.072	2.83	0.142	BV
3	4.35	Nitrite	0.170	0.026	6.08	0.148	BMB
4	5.40	Nitrate	0.038	0.006	1.40	0.029	BMB
5	6.24	n.a.	0.112	0.012	7.26	n.a.	BVB
Total:			1.857	0.435	100.00	3.174	

84 K2107531-022

Sample Name	K2107531-022	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Method Name	epa300	Dilution Factor	2.0000
Recording Time	7/17/2021 0:08	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	RetTime min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.93	Fluoride	1.084	0.572	61.26	4.161	BMB
2	3.78	Chloride	0.108	0.012	2.06	0.142	BMB
3	4.35	Nitrite	0.173	0.025	4.41	0.145	BV3
4	5.46	Nitrate	0.038	0.006	1.02	0.029	BV5
5	5.94	n.a.	0.112	0.032	5.27	n.a.	BMB
Total:			2.115	0.599	100.00	4.481	

Before

11.19

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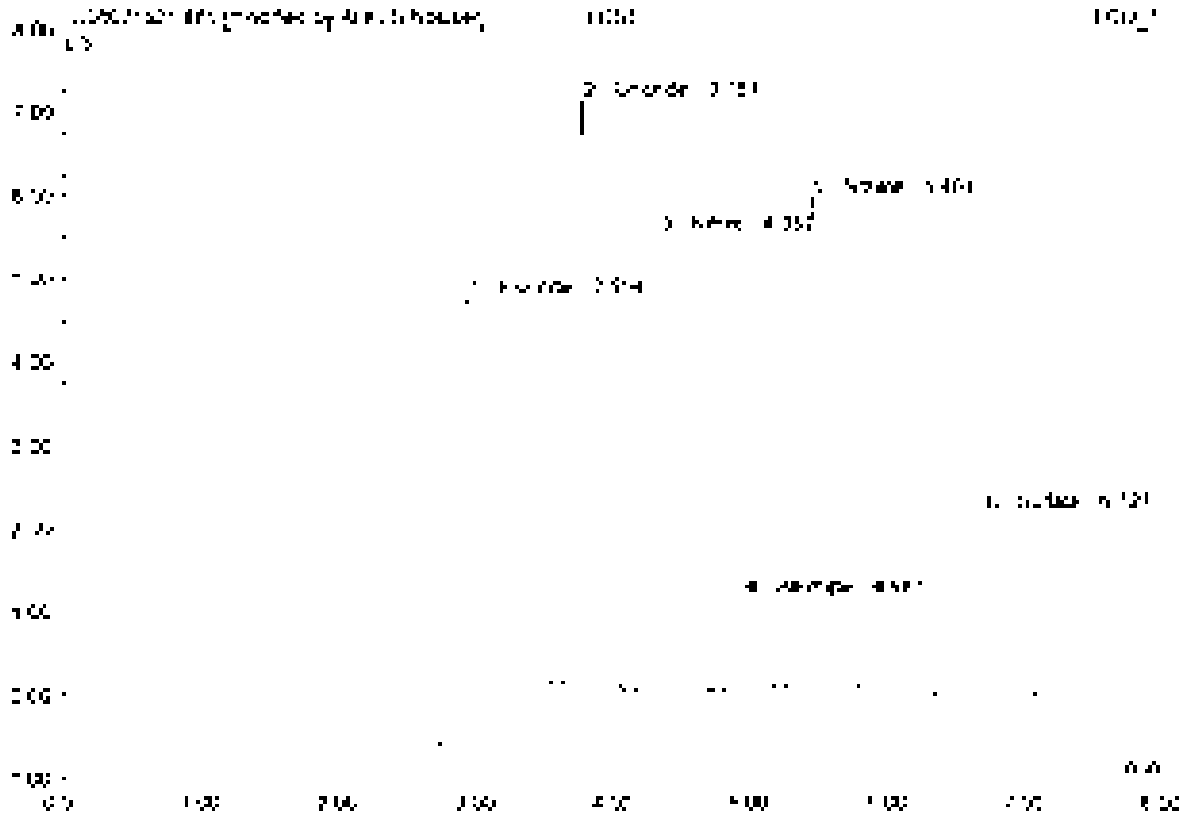
Version: 6.80 SR1 Build 2202 (1.56270)

85 LCS3

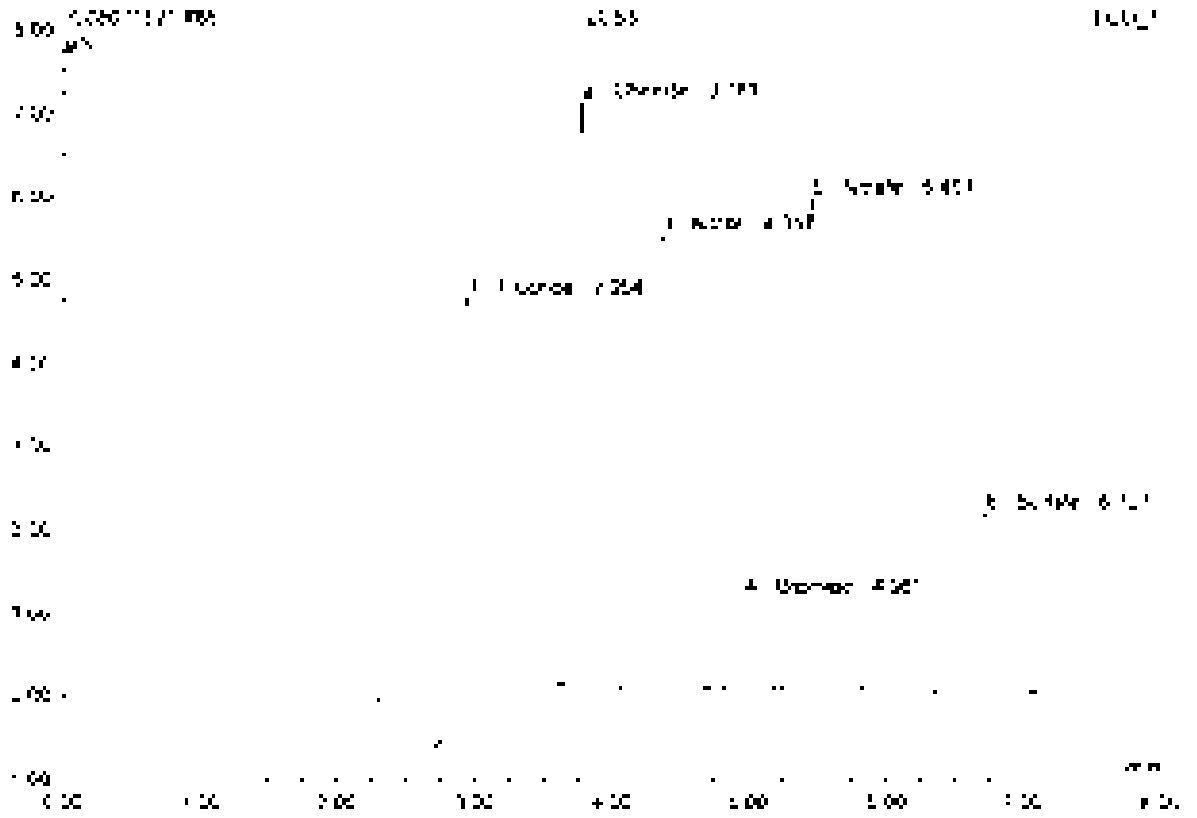
Sample Name	LCS3	Injection Volume	35.0
Vial Number	2	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	1.0000
Acquisition Time	7/17/2021 6:17	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.55	Fluoride	5.169	[illegible]	26.74	4.552	BV B'
2	3.28	Chloride	[illegible]	0.835	17.28	4.032	BV B'
3	4.36	Nitrite	5.480	0.865	15.20	2.434	BV B
4	4.98	Bromide	[illegible]	0.158	3.52	2.364	BV B
5	5.45	Nitrate	5.892	[illegible]	21.66	2.450	BV B
6	6.73	Sulfate	[illegible]	0.614	12.50	4.093	BV B
Total:			26.844	[illegible]	100.00	22.015	

85 LCS3

Sample Name	LCS3	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	1.0000
Recording Time	7/17/2021 0:17	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000

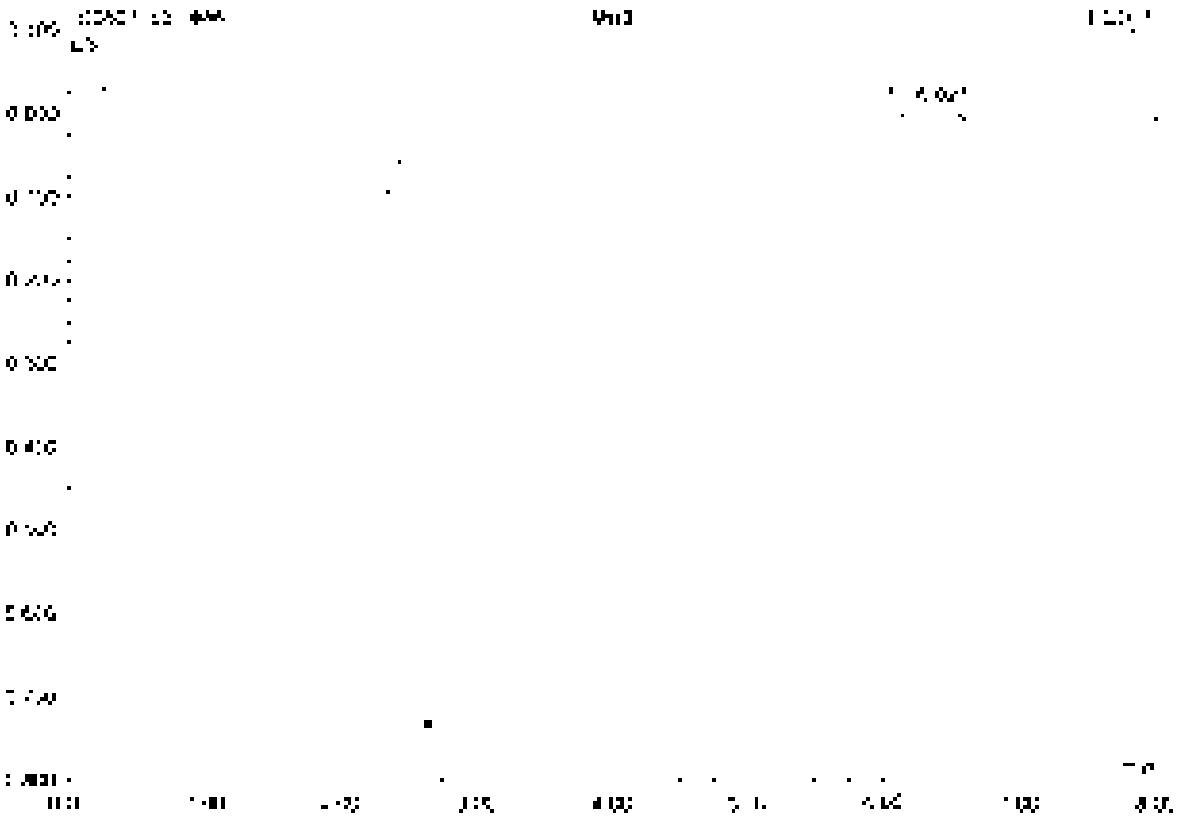


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	5[illegible]96	[illegible]288	26.82	[illegible]	BMb
2	3.78	Chloride	7 023	0 836	17.42	4 832	BMB
3	4.36	Nitrite	5 480	0 866	18.03	2 434	BVB
4	4.58	Bromide	1 [illegible]92	0 [illegible]65	3.49	2 364	BVB
5	5.46	Nitrate	5 892	[illegible] 031	27.46	2 450	BVB
6	6.73	Sulfate	2 [illegible]72	0 514	12.78	4 953	BVU
Total:			26 871	4 803	100.00	22 192	

Before

86 MB3

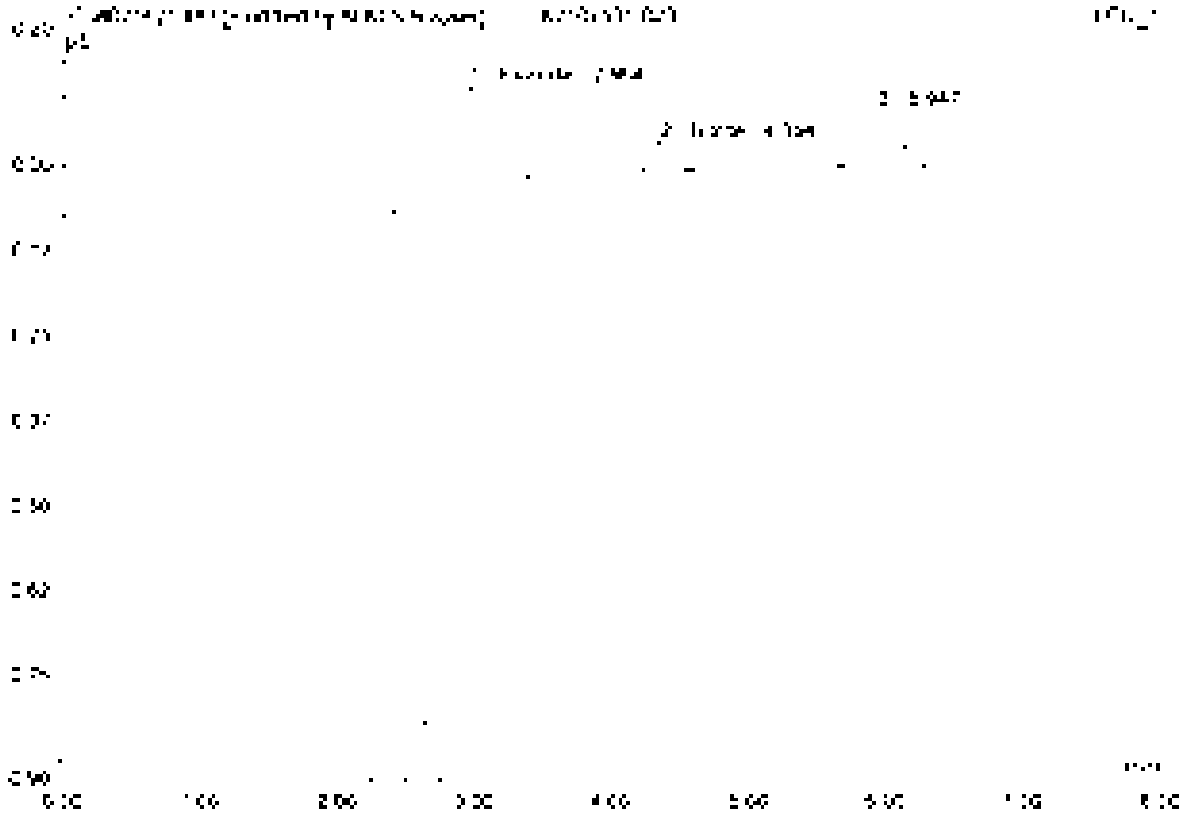
Sample Name	MB3	Injection Volume	35.0
Vial Number	1	Column	ECO_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	7/17/2021 8:37	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.02	n.a.	0.207	1.812	100.00	n.a.	BMB
Total			0.207	1.812	100.00	0.000	

87 K2107531-023

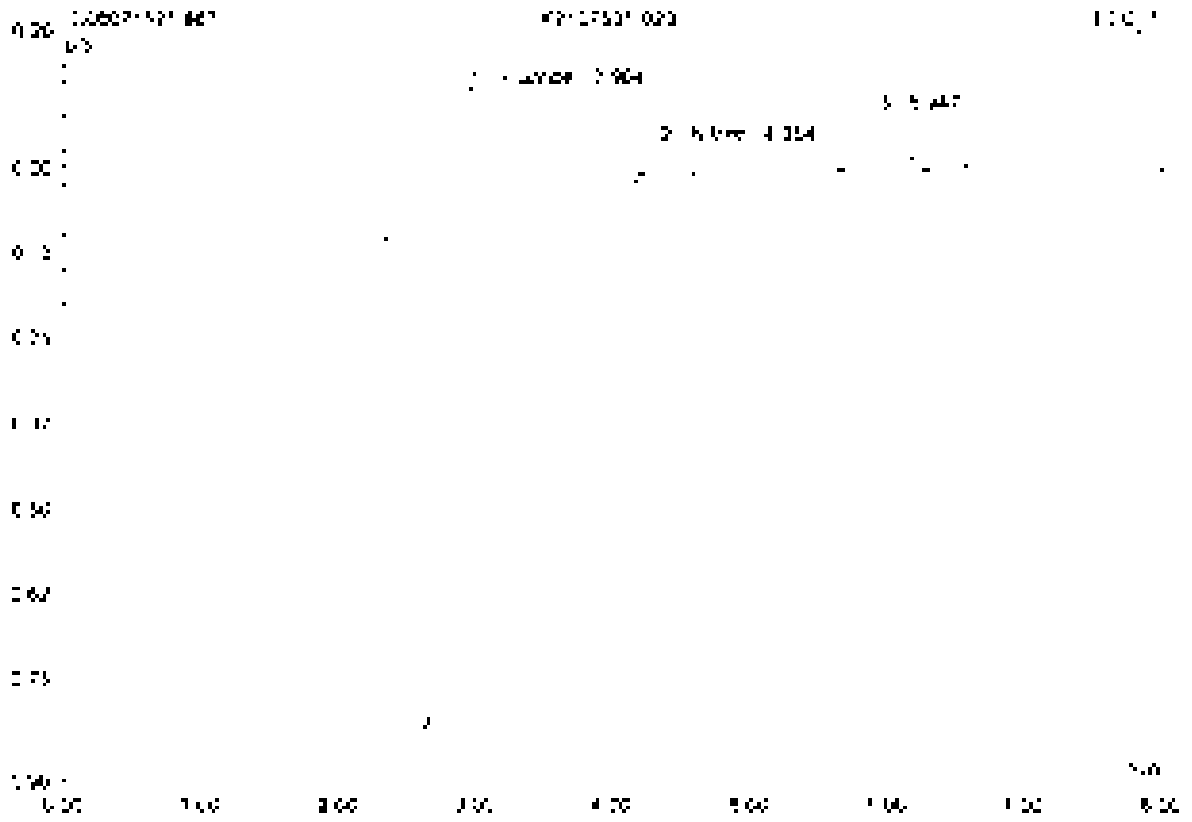
Sample Name	K2107531-023	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	2.0000
Recording Time	7/17/2021 0:30	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



Nr.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.36	Fluoride	0.297	0.068	65.62	0.540	BMB*
2	4.35	Nitrite	0.042	0.007	6.65	0.037	BMB*
3	5.55	[illegible]	0.093	0.024	24.73	[illegible]	BMB
Total:			0.412	0.099	100.00	0.577	

87 K2107531-023

Sample Name	K2107531-023	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	7/17/2021 6:58	Sample Weight	1.0000
Run Time (min.)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.96	Fluoride	0.774	0.523	94.41	4.156	BMB
2	4.35	Nitrite	0.042	0.007	1.16	0.037	BVB
3	5.95	n.a.	0.083	0.024	4.41	n.a.	BVB
Total:			0.899	0.554	100.00	4.211	

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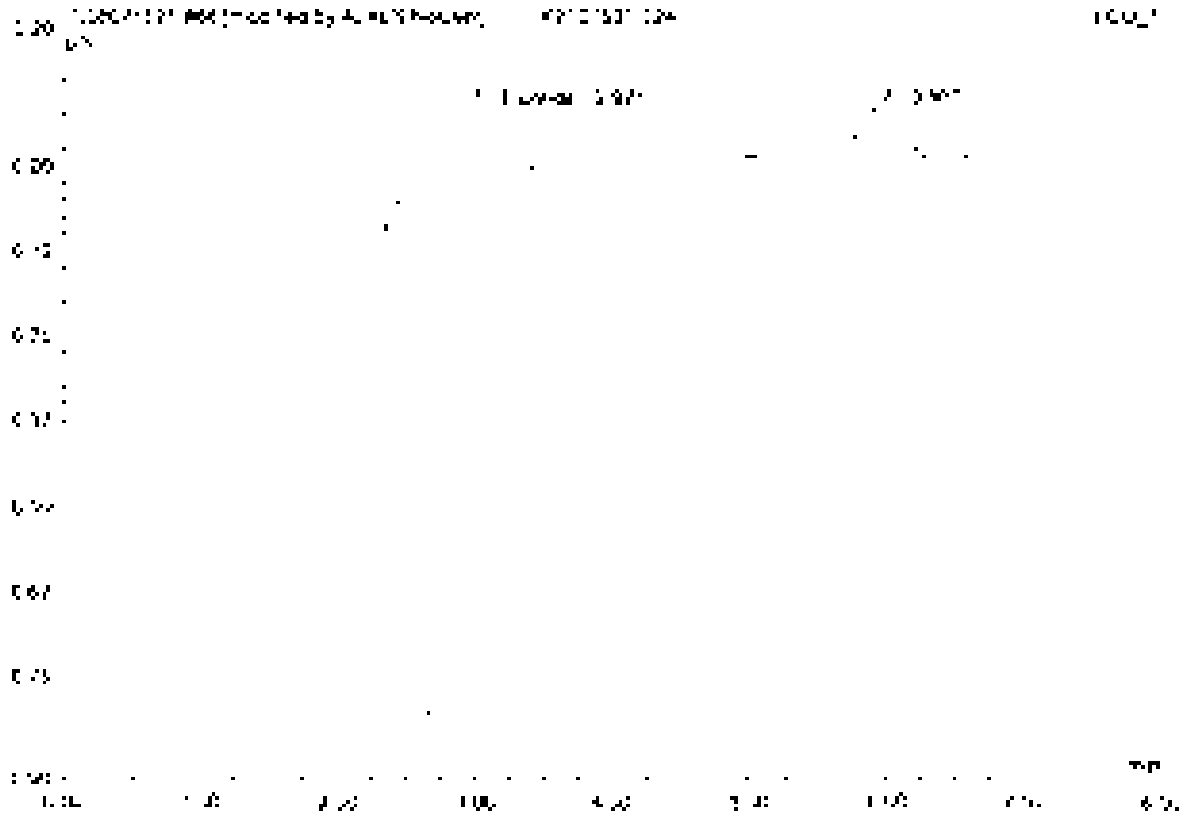
JUL 19 [illegible]

88 K2107531-024

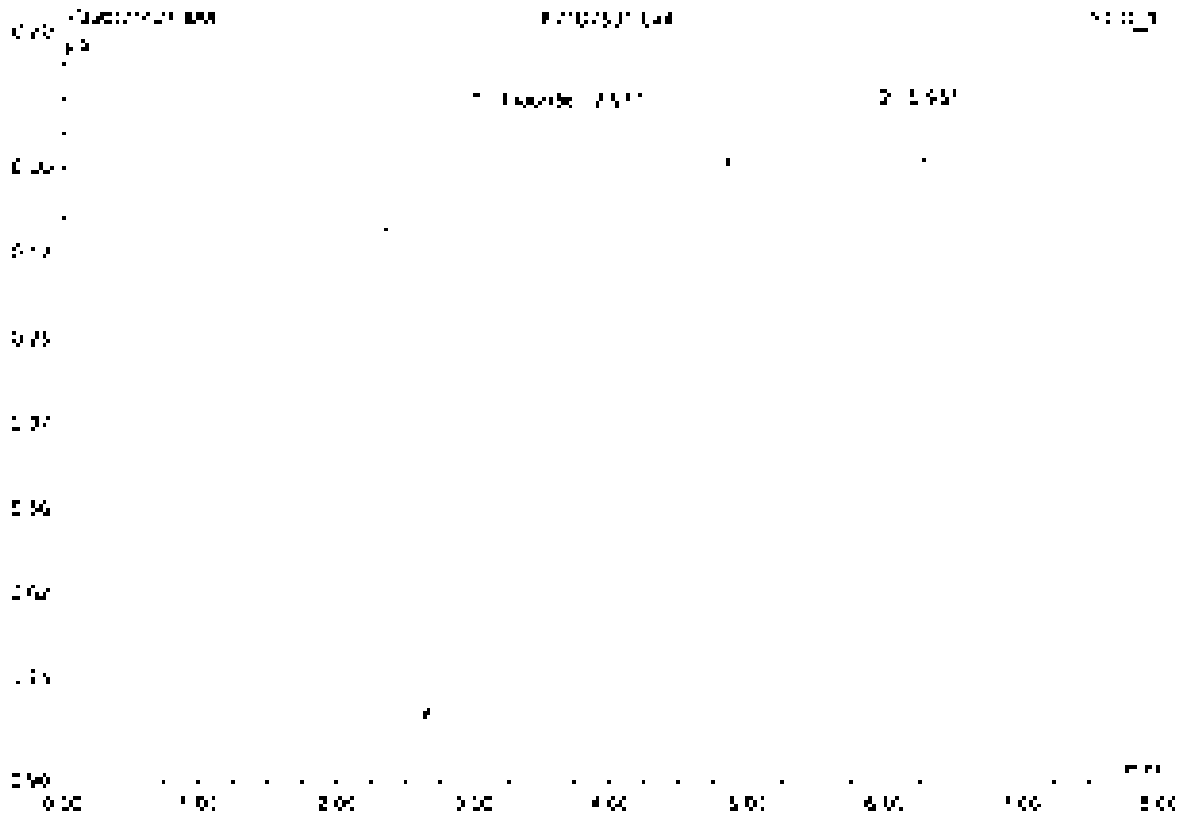
Sample Name	K2107531-024	Injection Volume	25.0
Vial Number	9	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant Method	wpa300	Dilution Factor	2.0000
Recording Time	7/17/2021 6:47	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.97	Fluoride	0.227	0.055	92.55	0.441	BVB*
2	5.95	n.a.	0.015	0.010	7.45	n.a.	BVB*
Total:			0.303	0.066	100.00	0.441	

88 K2107531-024

Sample Name:	K2107531-024	Injection Volume:	25.0
Vial Number:	9	Channel:	ECD 1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	spa300	Bandwidth:	n.a.
Quant. Method:	spa300	Dilution Factor:	2.0000
Recording Time:	7/17/2021 0:47	Sample Weight:	1.0000
Run Time (min):	8.00	Sample Amount:	1.0000

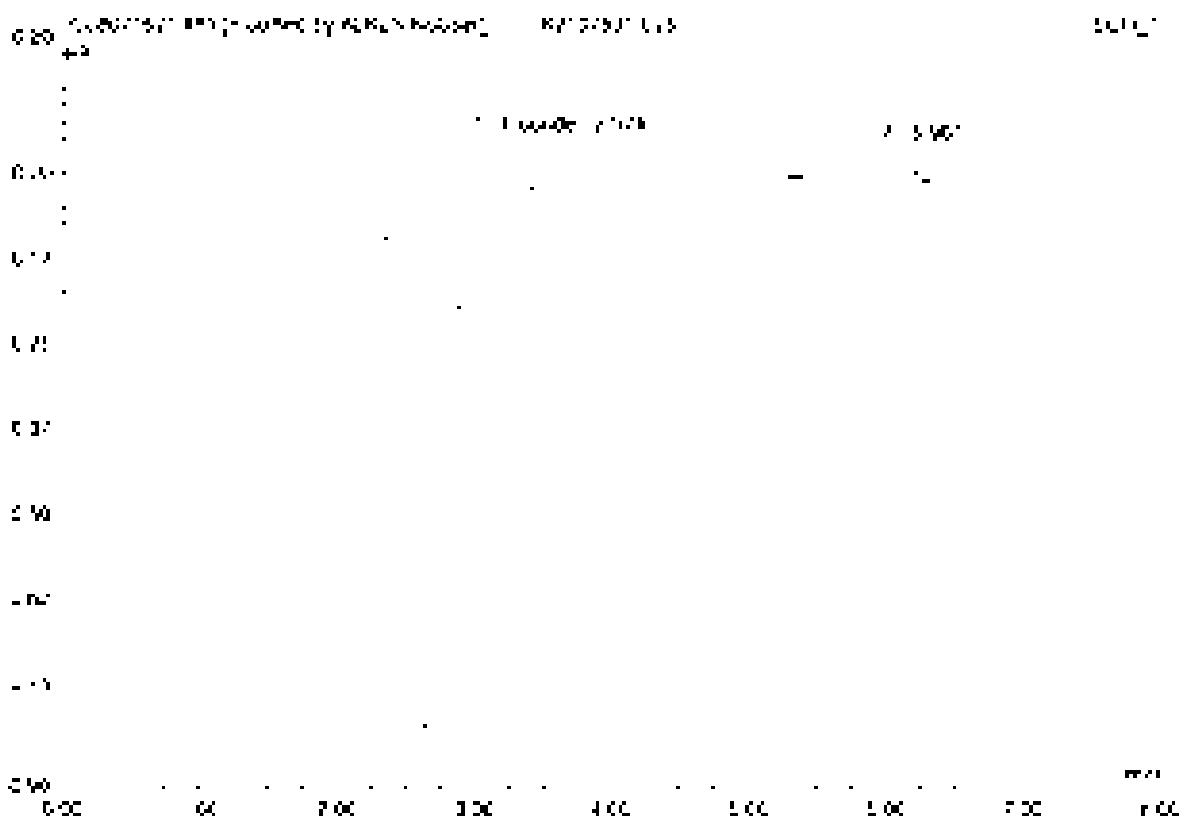


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	7.97	Fluoride	0.774	0.750	96.00	0.215	BMB
2	5.95	n.a.	0.076	0.033	4.00	n.a.	BMB
Total:			0.850	0.813	100.00	0.215	

Method:

89 K2107531-025

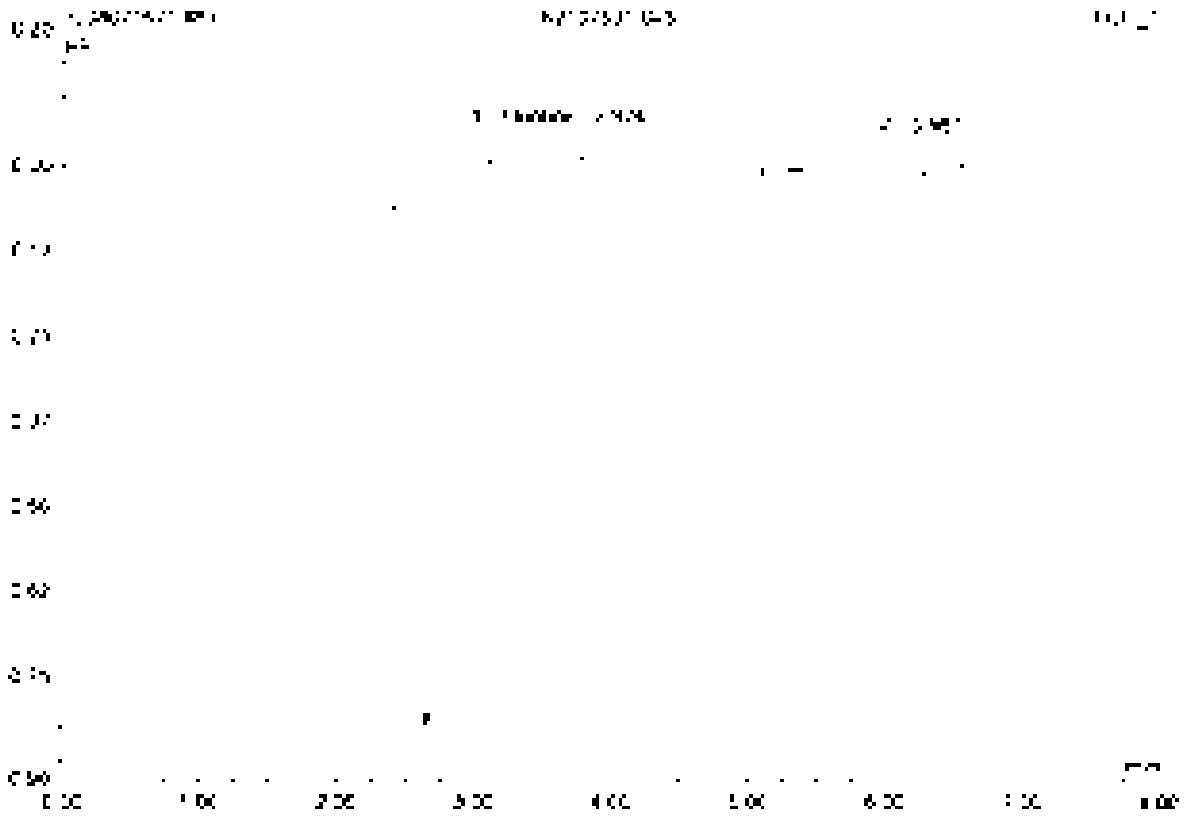
Sample Name	K2107531-025	Injection Volume	25.0
Vial Number	10	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/17/2021 0:57	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.97	Fluoride	0.226	0.058	13.76	0.452	BMB*
2	5.05	n.a.	0.054	0.021	36.24	n.a.	BMB*
Total			0.279	0.079	100.00	0.452	

B9 K2107531-025

Sample Name	K2107531-025	Injection Volume	25.0
Vial Number	10	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/17/2021 9:37	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000

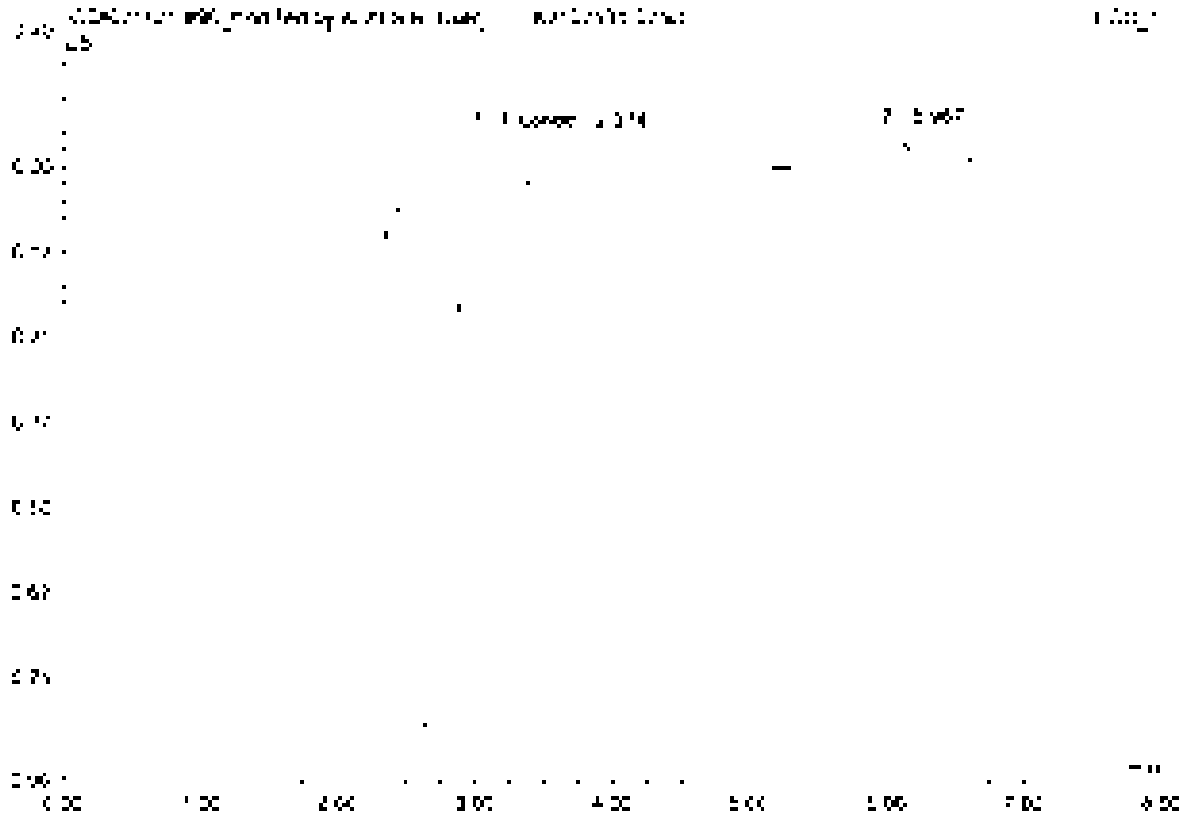


No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.97	Fluoride	0.767	0.815	97.70	0.965	BMB
2	5.56	n.a.	0.054	0.021	2.30	n.a.	BMB
Total			0.821	0.836	100.00	0.965	

Actuse

90 K2107531-025D

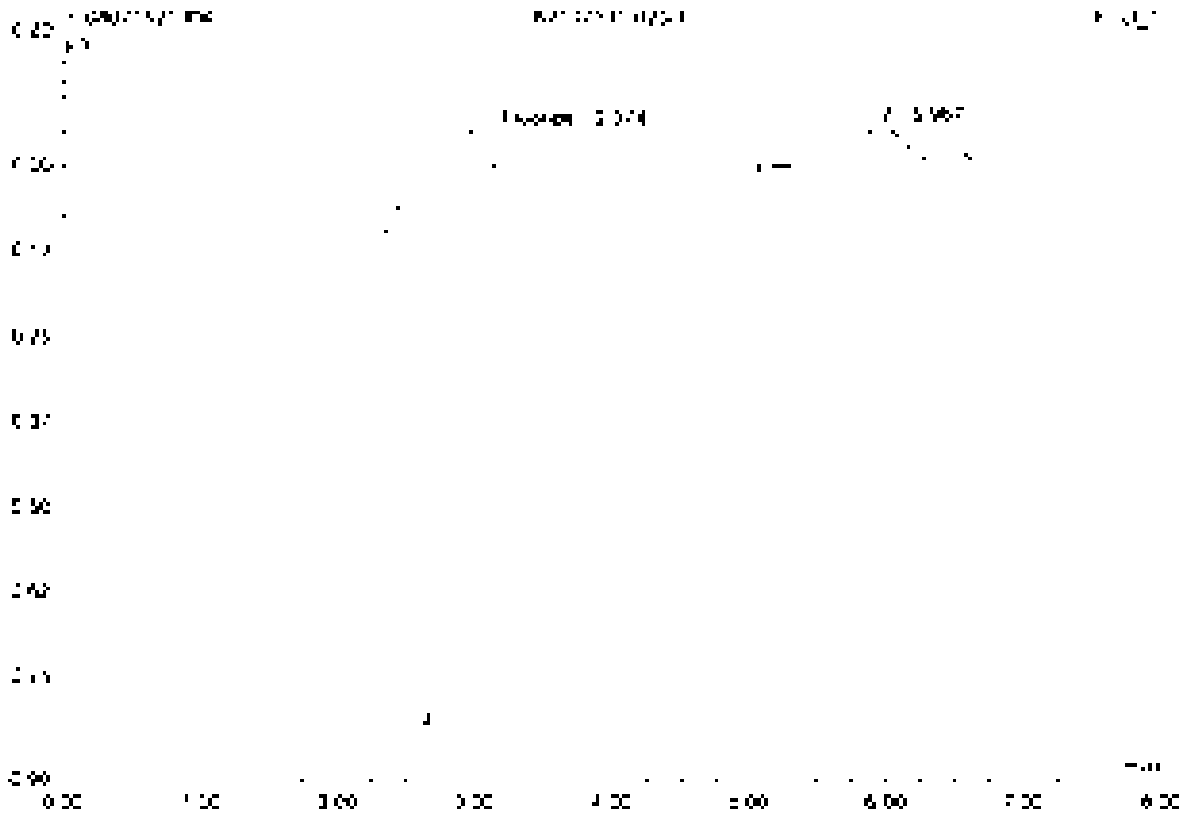
Sample Name	K2107531-025D	Injection Volume	2.5 0
Vial Number	11	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	2.0000
Recording Time	7/17/2021 1:07	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.97	Fluoxetin	0.229	0.047	73.[illegible]	0.457	BV B*
2	5.97	n.a.	0.055	0.021	26.85	n.a.	BV B*
Total:			0.283	0.079	100.00	0.457	

90 K2107531-025D

Sample Name	K2107531-025D	Injection Volume	25.0
Vial Number	11	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	2.0000
Recording Time	7/17/2021 1:07	Sample Weight	1.0000
Oven Temperature	8.00	Sample Amount	1.0000



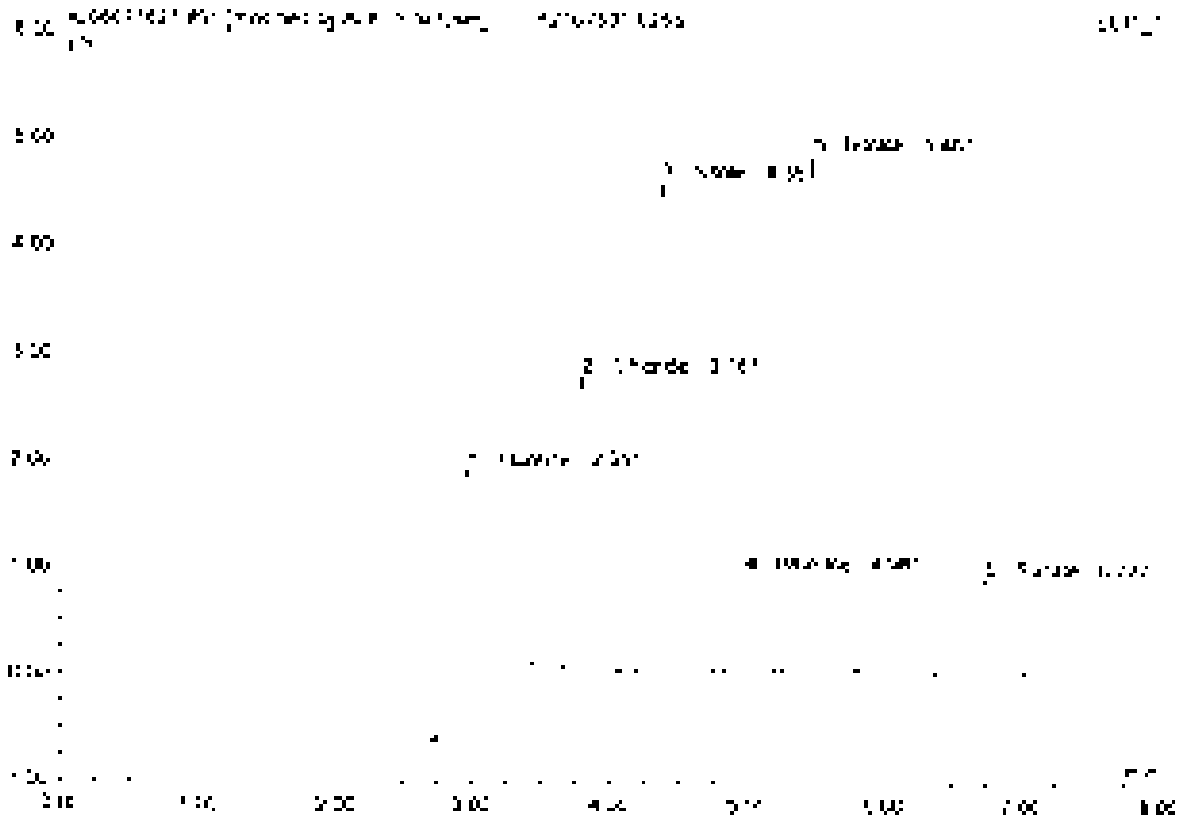
No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.97	Fluoride	0.765	0.587	97.62	6.501	BMB
2	5.97	n.a.	0.055	0.021	2.38	n.a.	bVB
Total:			0.820	0.608	100.00	6.501	

Antions

[illegible]

91 K2107531-025S

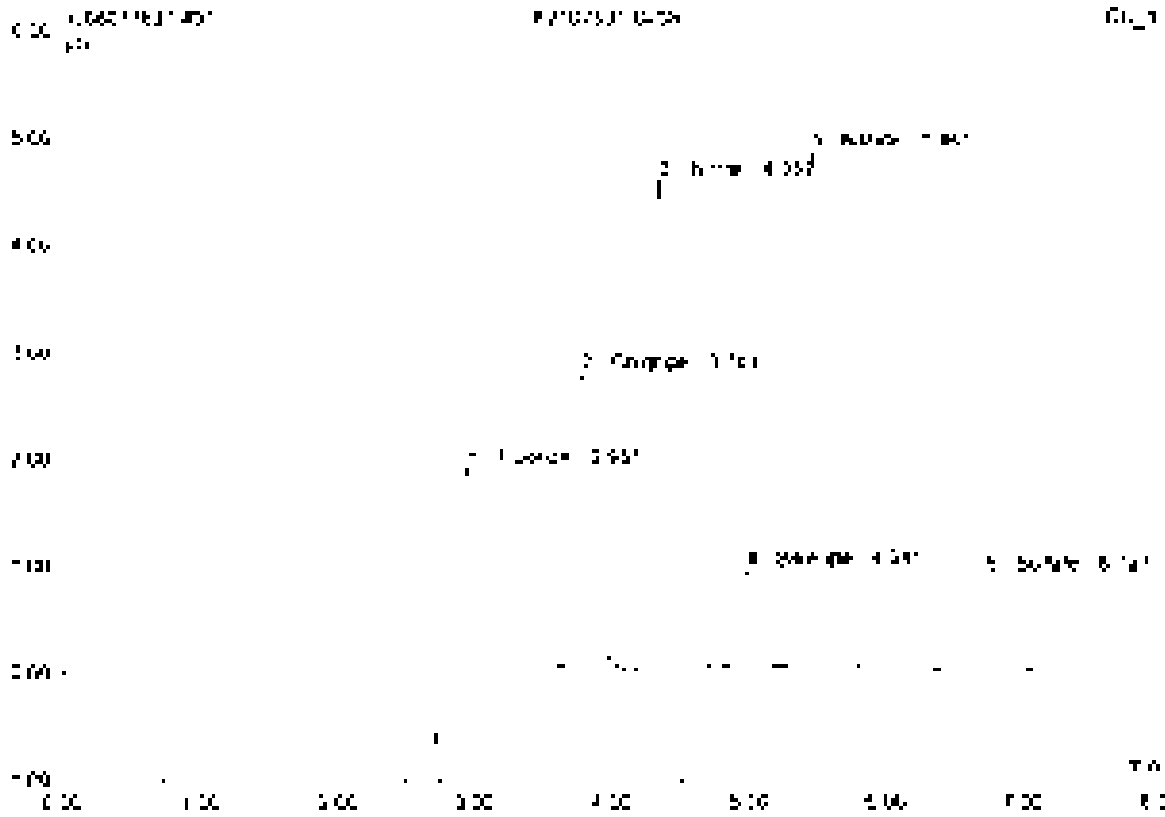
Sample Name	K2107531-025S	Injection Volume	25.0
Vial Number	92	Column	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Chromat. Method	epa300	Dilution Factor	4.0000
Recording Time	7/15/2021 4:37	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.55	Fluoride	2.025	0.572	20.78	[illegible]	BV8*
2	3.78	Chloride	2.766	0.328	11.58	7.583	BV8*
3	4.36	Nitrite	4.567	0.716	25.20	8.032	BV8
4	4.58	Bromide	0.907	0.137	4.83	[illegible]	BV8
5	5.45	Nitrate	4.515	0.831	29.32	[illegible]	BV8
6	6.73	Sulfate	0.899	0.252	8.89	8.164	BV8
Total:			15.252	2.835	100.00	48.54*	

91 K2107531-025S

Sample Name	K2107531-025S	Injection Volume	25.0
Vial Number	12	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	4.0000
Recording Time	7/17/2021 1:47	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000

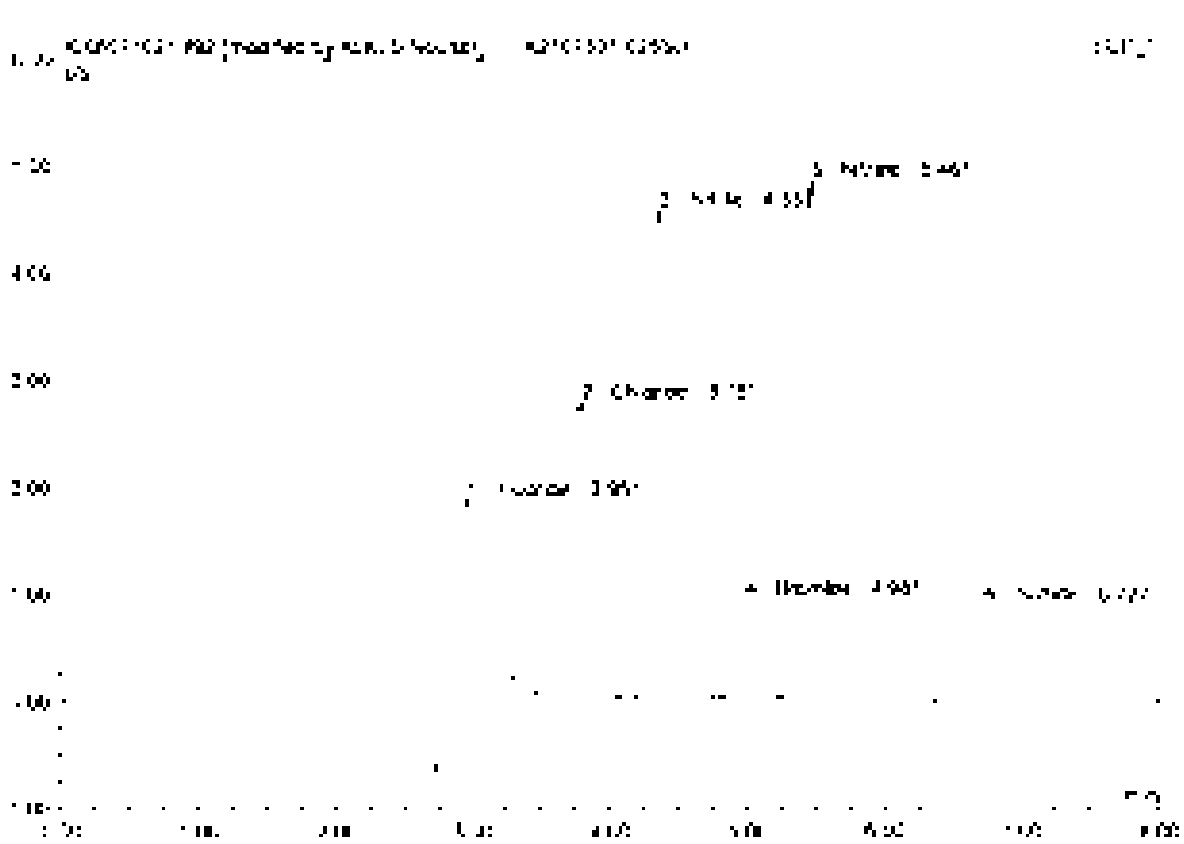


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	2.385	0.659	22.50	10.534	BMB
2	3.78	Chloride	2.745	0.328	11.21	7.503	BMB
3	4.36	Nitrite	4.562	0.715	24.45	8.032	BMB
4	4.98	Bromide	0.907	0.137	4.69	2.723	BMB
5	5.46	Nitrate	4.815	0.831	28.45	7.995	BMB
6	6.73	Sulfate	0.859	0.252	8.62	8.195	BMB
Total:			16.314	2.920	100.00	45.932	

Retrieve

92 K2107531-025SD

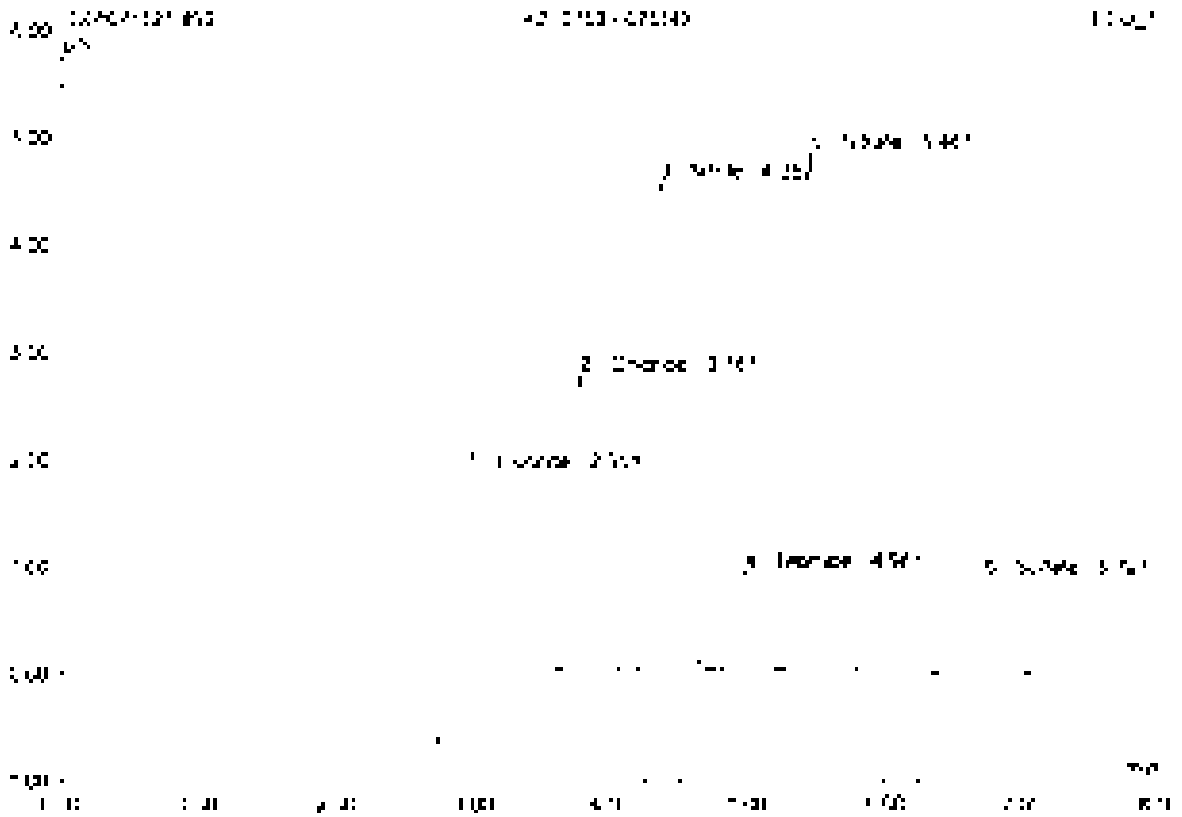
Sample Name	K2107531-025SD	Injection Volume	25.0
Vial Number	13	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	4.0000
Recording Time	7/17/2021 1:27	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	2.304	0.565	20.02	9.007	BMB
2	3.78	Chloride	2.744	0.497	17.59	7.965	BMB
3	4.35	Nitrite	4.557	0.715	25.31	8.032	BMB
4	4.59	Bromide	0.910	0.137	4.85	7.717	BMB
5	5.65	Nitrate	4.918	0.850	25.40	7.896	BMB
6	6.73	Sulfate	0.893	0.249	8.89	8.096	BMB
Total:			16.726	2.875	100.00	48.304	

92 K2107531-025SD

Sample Name	K2107531-025SD	Injection Volume	25.0
Vial Number	13	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	4.0000
Recording Time	7/17/2021 1:27	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



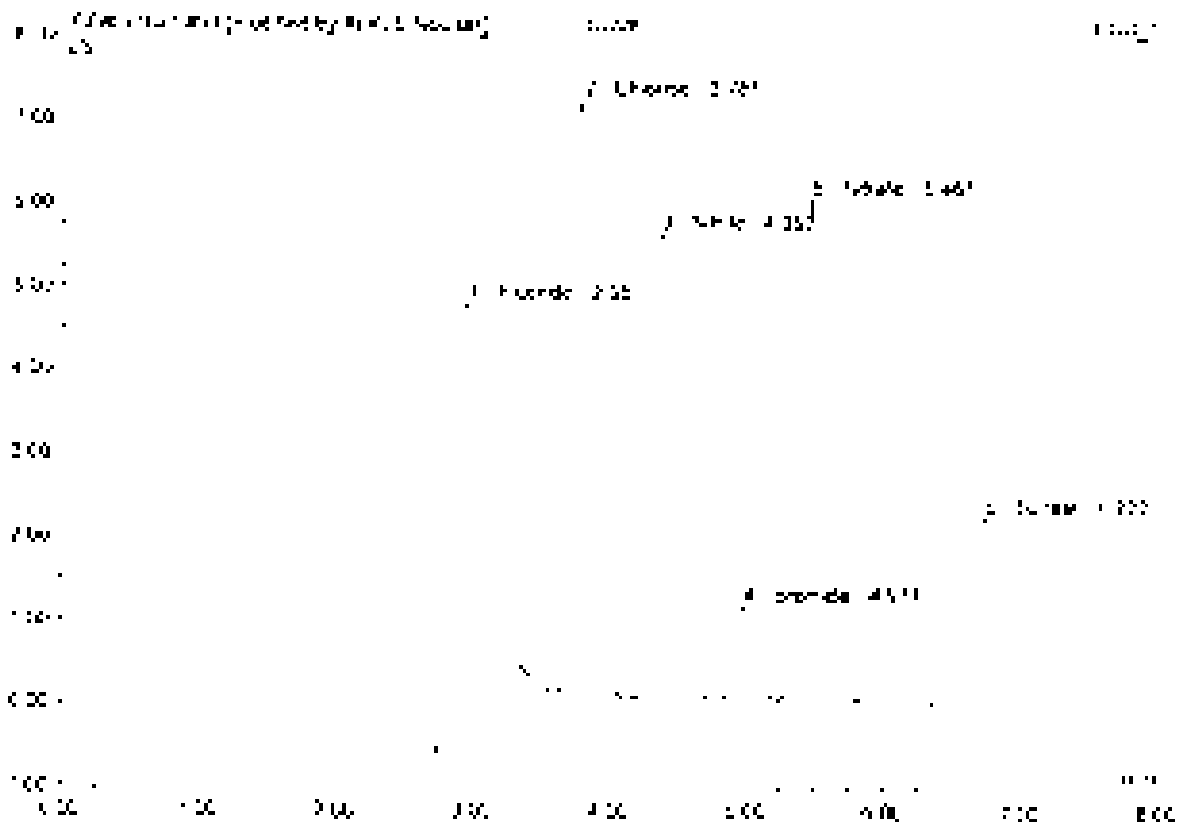
No.	RetTime min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.55	Fluoride	2.303	0.652	22.35	10.382	BMB
2	3.28	Chloride	2.744	0.327	11.20	7.585	BMB
3	4.36	Nitrite	4.557	0.715	24.50	8.038	BMB
4	4.98	Bromide	0.510	0.137	4.71	7.732	BMB
5	5.46	Nitrate	4.818	0.830	28.52	7.856	BMB
6	6.70	Sulfate	0.893	0.249	8.50	8.096	BMB
Total			16.265	2.911	100.00	49.739	

Reference

Fig. 9

93 CCV8

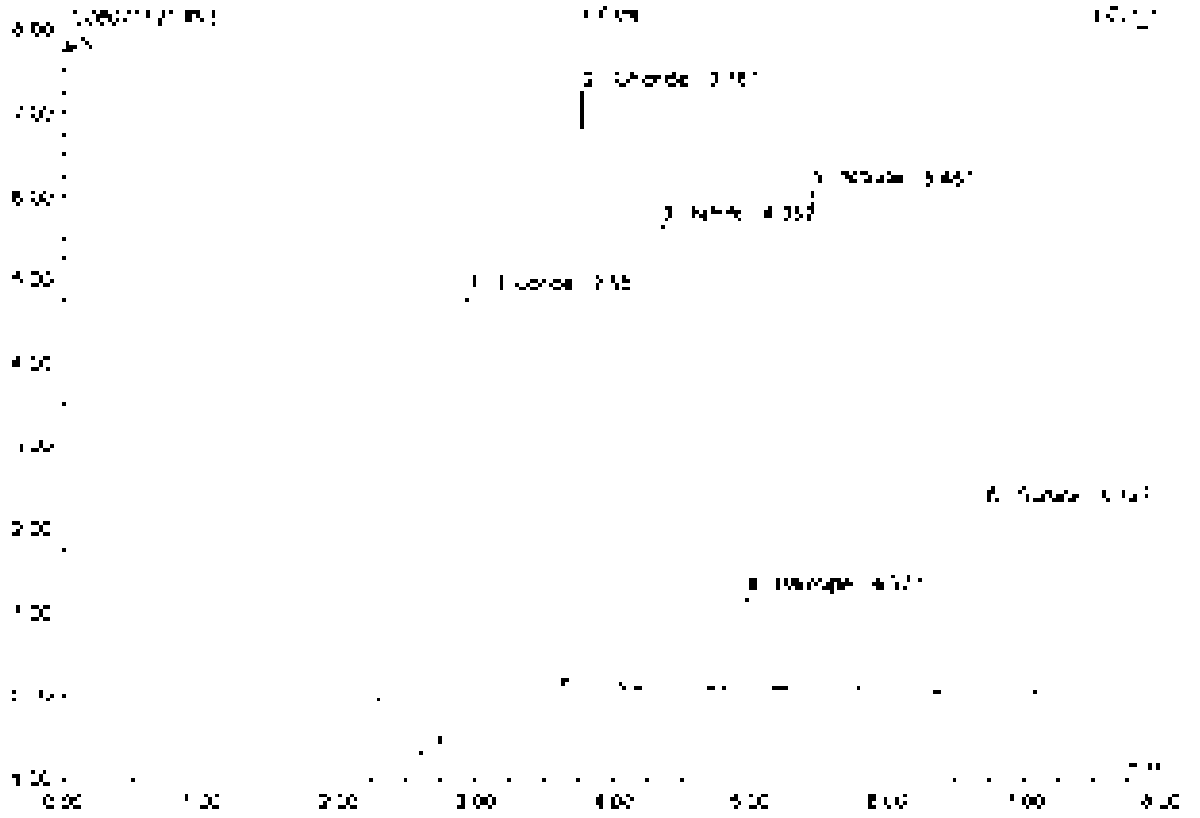
Sample Name	CCV8	Injection Volume	26.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	7/17/2021 1:38	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	5.196	[illegible]	25.82	4.32[illegible]	BMB*
2	3.79	Chloride	7.12[illegible]	0.937	[illegible].55	4.832	BMB*
3	4.30	Nitrite	5.585	0.875	[illegible].34	2.458	BMB
4	4.95	Bromide	1.120	0.168	3.53	2.270	BMB
5	5.46	Nitrate	6.0[illegible]4	1.035	21.7[illegible]	2.46[illegible]	BMB
6	5.72	Sulfate	2.232	0.6[illegible]8	12.98	5.0[illegible]7	BMB
Total:			27.258	4.769	100.00	22.064	

93 CCV8

Sample Name	CCV8	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	7/17/2021 9:36	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000

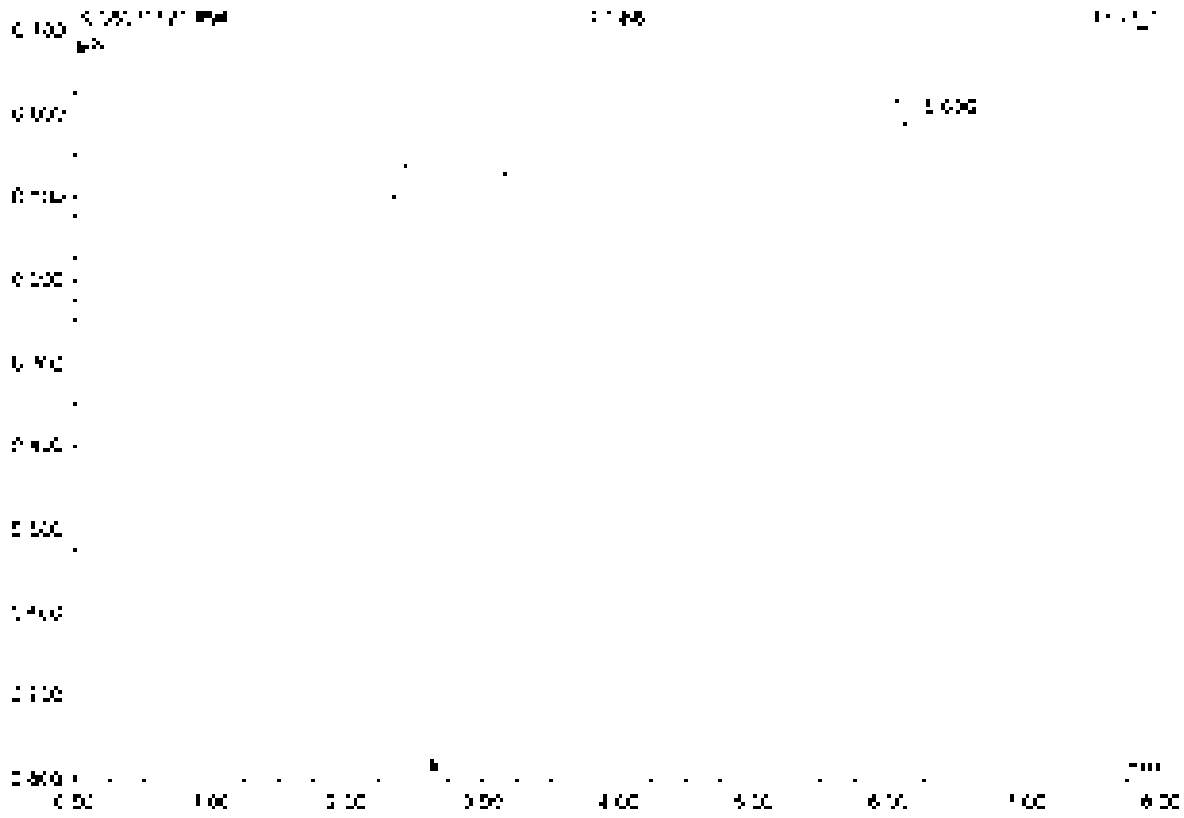


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	5.218	1.240	26.74	5.136	BMB
2	3.78	Chloride	7.121	0.827	17.83	4.833	BVB
3	4.36	Nitrite	5.585	0.875	18.87	2.458	BMB
4	4.96	Bromide	1.120	0.160	3.45	2.370	BMB
5	5.46	Nitrate	5.014	1.035	22.47	2.461	BMB
6	6.72	Sulfate	2.237	0.618	13.31	5.017	BMB
Total:			27.296	4.633	100.00	22.279	

Reject

94 CCB8

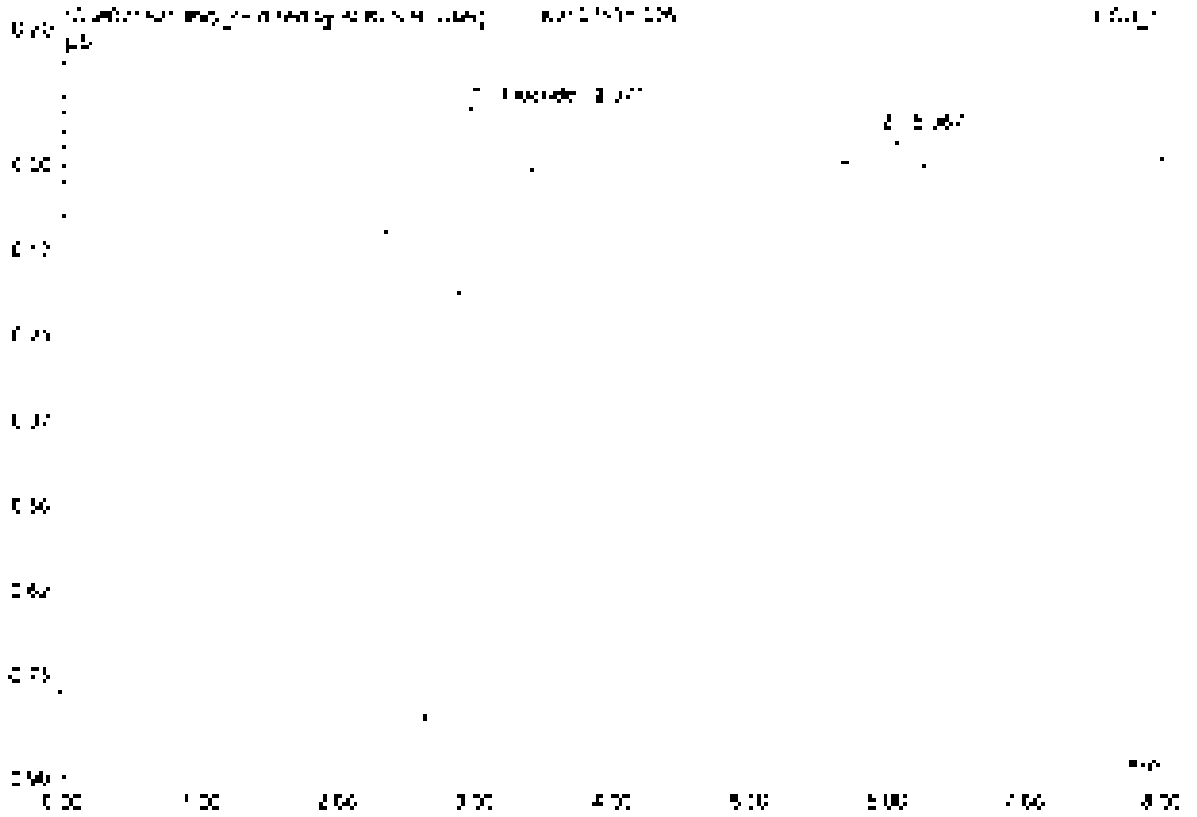
Sample Name	CCB8	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant Method	wpa300	Dilution Factor	1.0000
Recording Time	7/17/2021 1:47	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	6.02	n.a.	0.294	1.963	100.00	n.a.	BMB
Total:			0.294	1.963	100.00	0.000	

95 K2107531-026

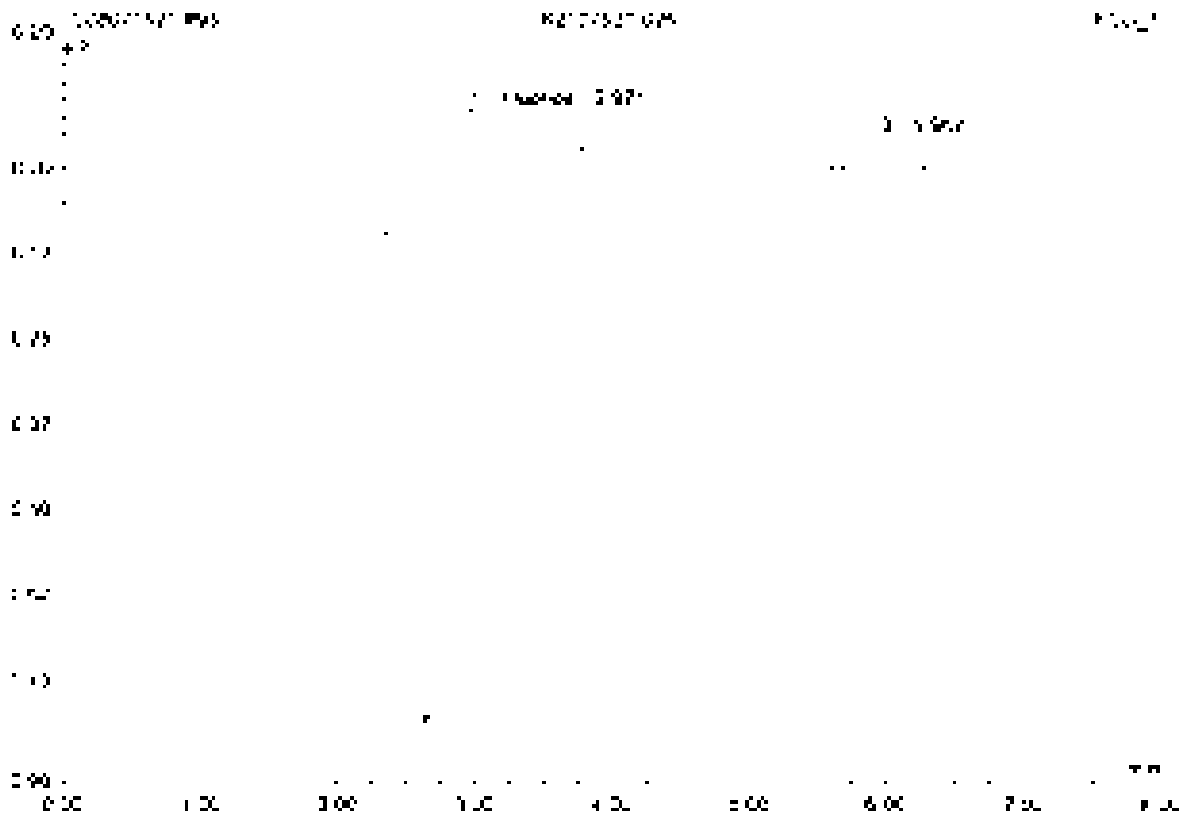
Sample Name	K2107531-026	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant. Method	apa300	Dilution Factor	1.0000
Processing Time	7/19/2021 1:31	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.97	Fluoride	0.247	0.062	50.78	0.494	BM2*
2	5.97	n.a.	0.047	0.075	19.22	n.a.	BM2*
Total:			0.294	0.077	100.00	0.494	

95 K2107531-026

Sample Name	K2107531-026	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	7/17/2021 1:57	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



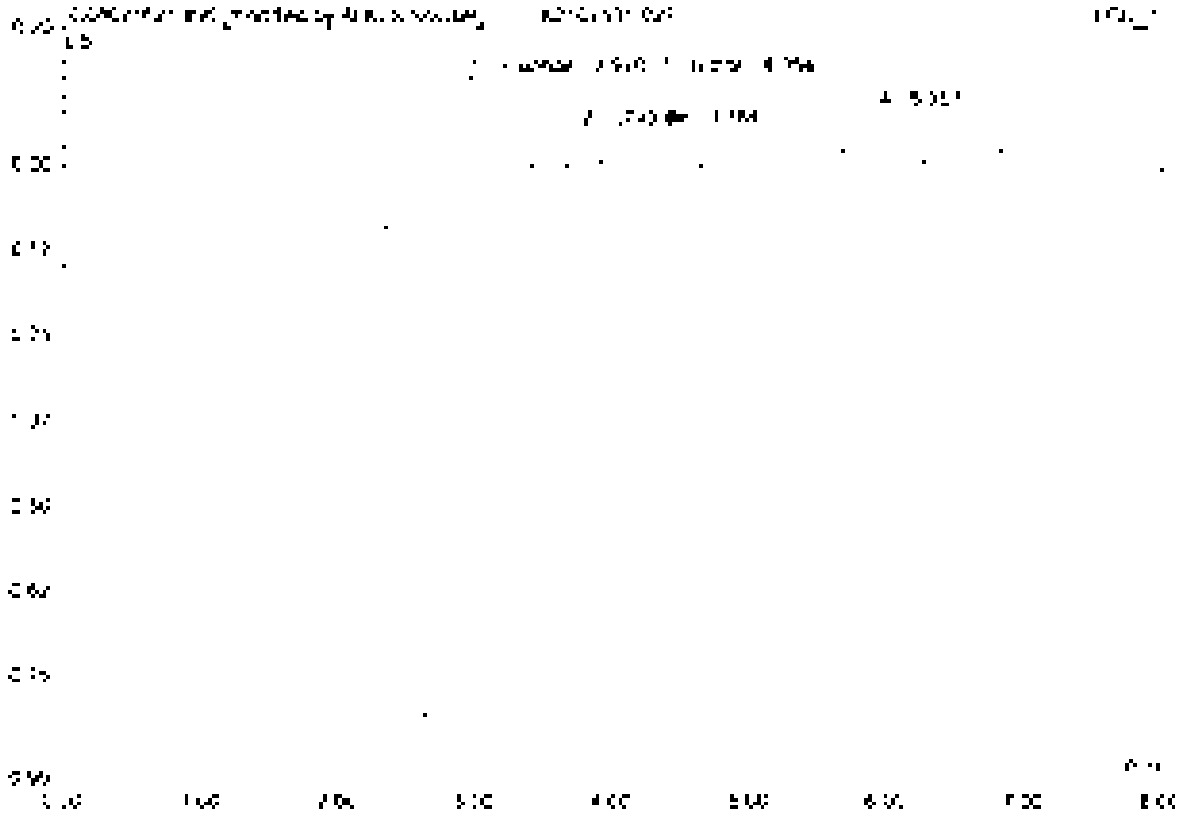
No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	[illegible]	SVB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

Nitrite

[illegible]

96 K2107531-027

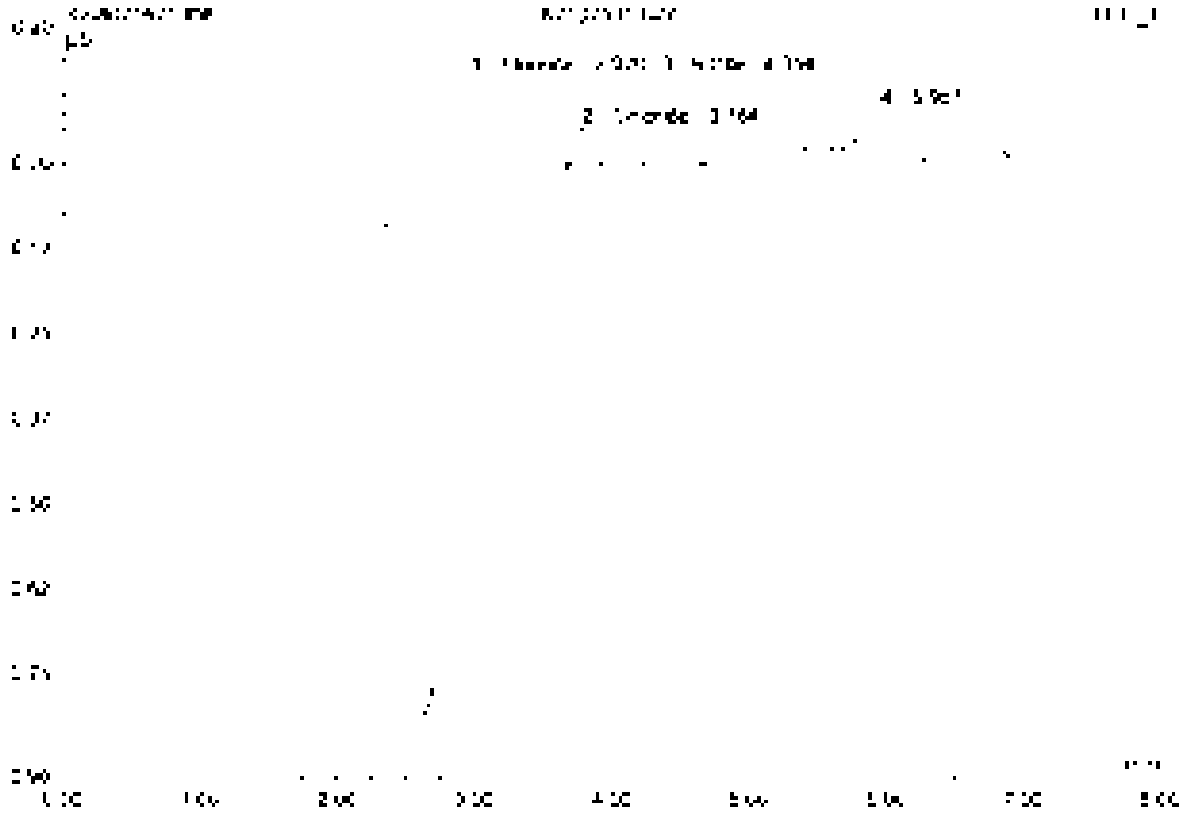
Sample Name	K2107531-027	Injection Volume	25.0
Vial Number	96	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	5/17/2021 2:07	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.57	Fluoride	0.236	0.074	60.49	0.586	BMB*
2	3.78	Chloride	0.056	0.006	5.20	0.073	BMB*
3	4.35	Nitrate	0.131	0.020	16.83	0.115	BMB
4	5.96	n.a.	0.064	0.021	17.48	n.a.	BMB
Total:			0.552	0.122	100.00	0.774	

96 K2107531-027

Sample Name	K2107531-027	Injection Volume	25.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	7/17/2021 7:07	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



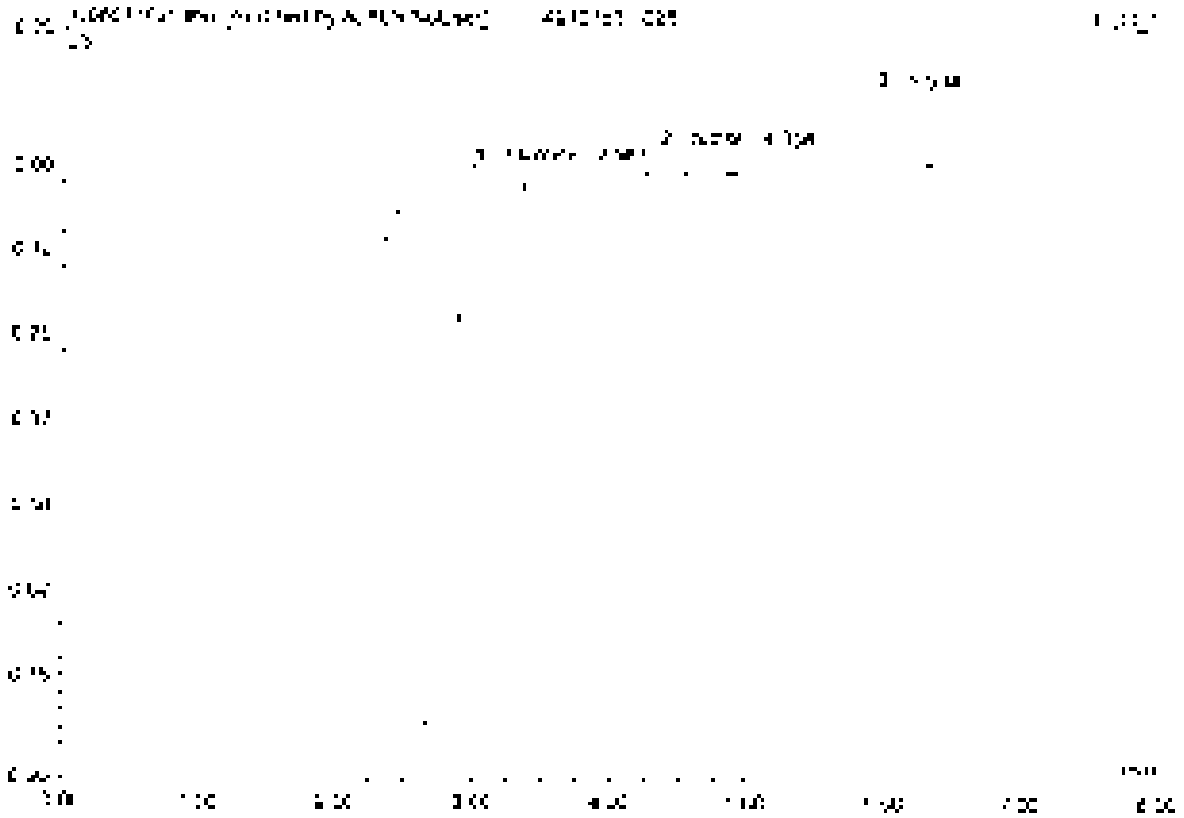
No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	2.97	Fluoride	0.588	0.317	96.64	2.482	BMB
2	3.78	Chloride	0.056	0.006	1.76	0.053	BMB
3	4.35	Nitrite	0.131	0.023	1.69	0.115	BMB
4	5.06	[illegible]	0.059	0.021	0.91	[illegible]	BMB
Total			0.844	0.350	100.00	2.670	

Bromide

[illegible] 9

97 K2107531-028

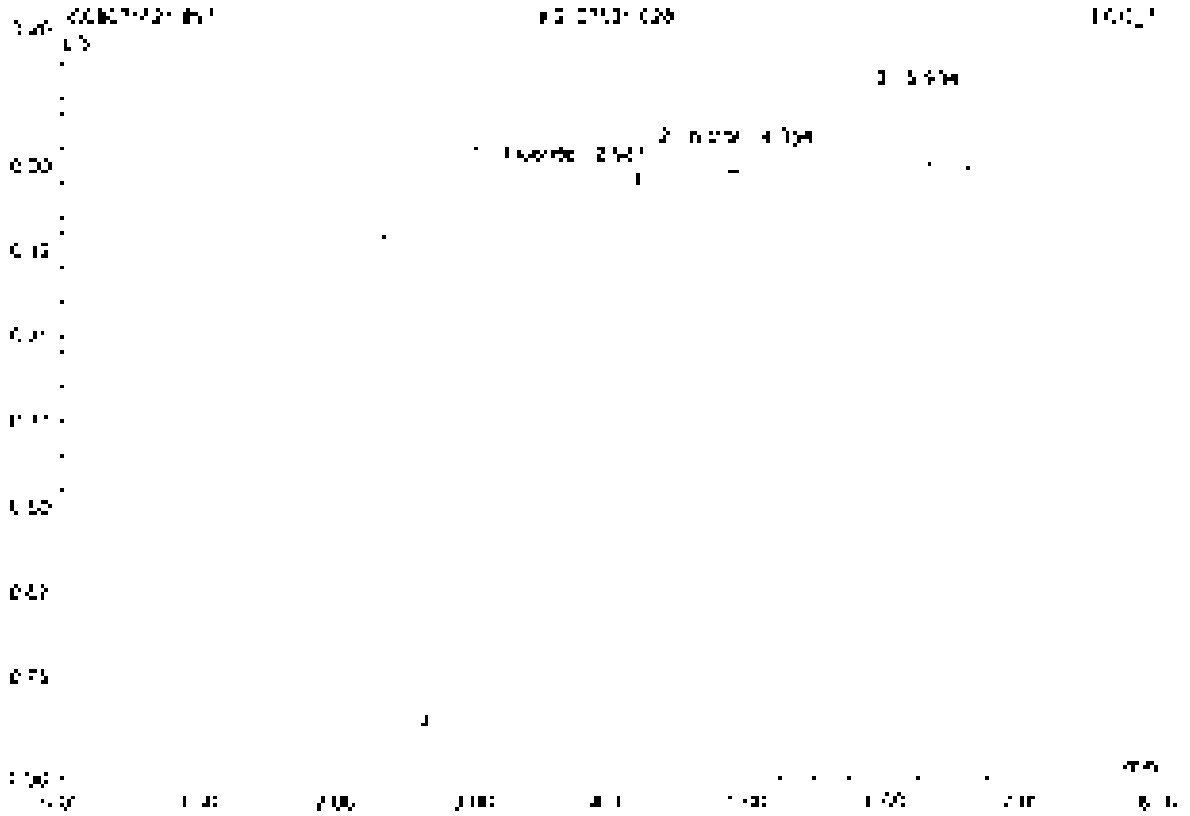
Sample Name	K2107531-028	Injection Volume	25.0
Vial Number	14	Column	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	7/13/2011 2:17	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	0.185	0.049	37.30	0.283	BMB1
2	4.30	Nitrite	0.019	0.006	4.62	0.033	BMB1
3	5.93	n.a.	0.113	0.075	58.09	n.a.	BMB
Total:			0.317	0.129	100.00	0.316	

97 K2107531-028

Sample Name	K2107531-028	Injection Volume	25.0
Vial Number	16	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantit. Method	apa300	Dilution Factor	2.0000
Processing Time	3/17/2021 2:17	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.33	Fluoride	0.030	0.459	96.10	3.977	BV B
2	4.25	Nitrite	0.019	0.005	1.02	0.010	BMB
3	5.50	n.a.	0.018	0.015	3.22	n.a.	BV B
Total:			0.062	0.480	100.00	4.010	

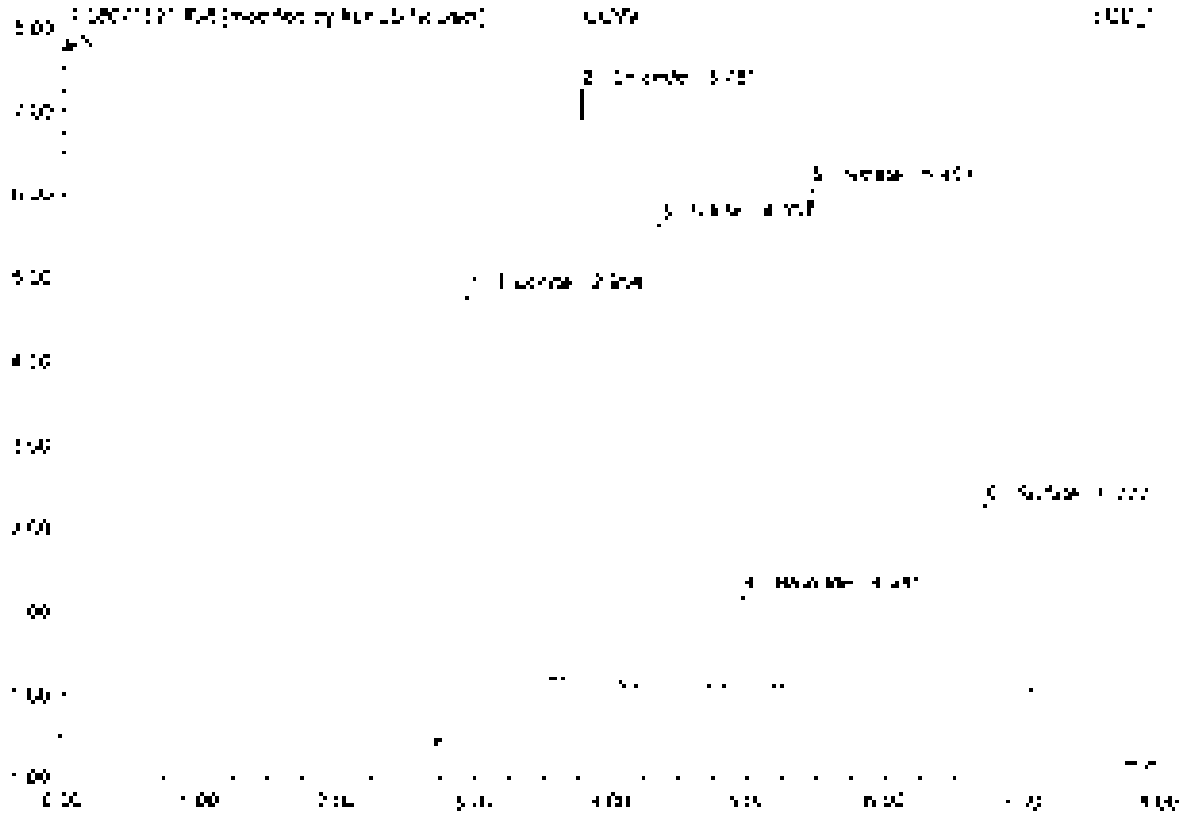
Results

[illegible]

Chromeleon (c) Dionex 1996-2006
Version 6.80 SR10 Build 3002 (1962/5)

98 CCV9

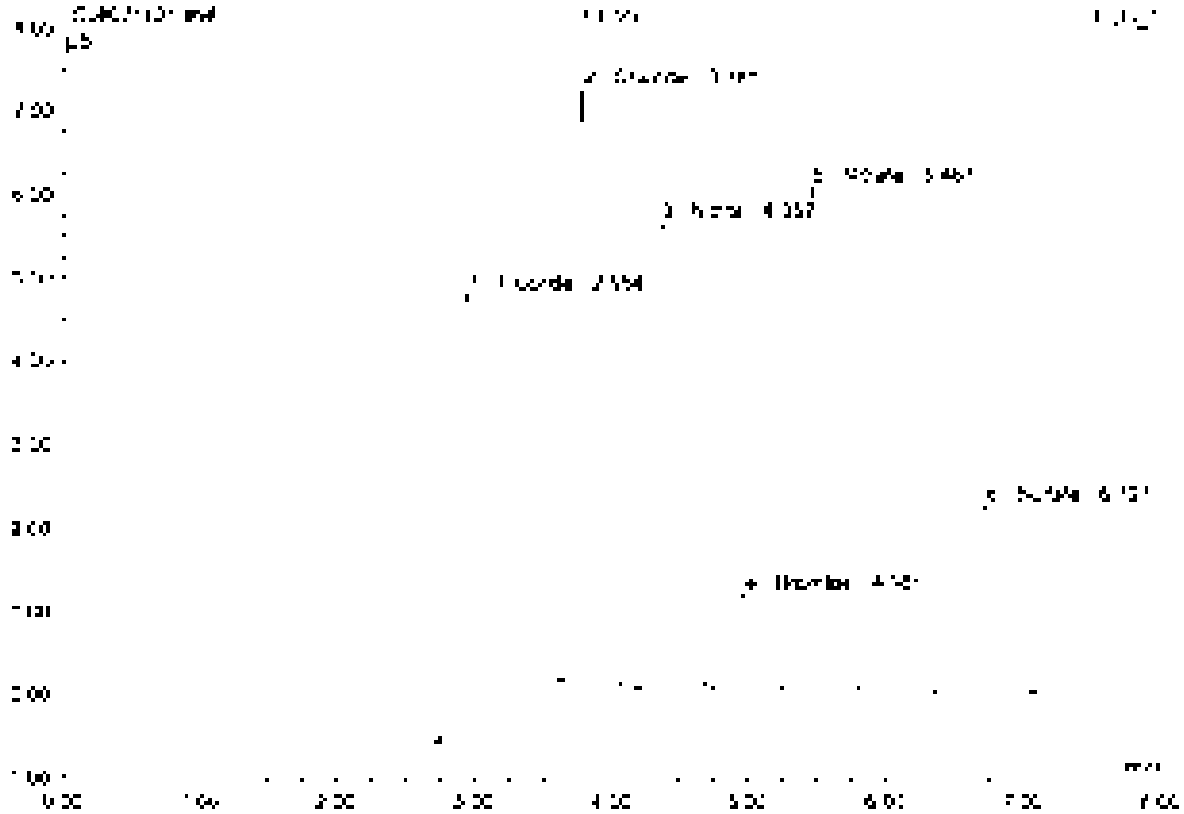
Sample Name	CCV9	Injection Volume	25.0
Vial Number	48	Column	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant Method	wpa300	Dilution Factor	1.0000
Recording Time	7/17/2021 2:27	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.95	Fluoride	5.221	[illegible]	26.35	5.923	BMB*
2	[illegible]	Chloride	[illegible]	9.631	[illegible]	4.811	BMB*
3	4.35	Nitrite	5.595	3.5[illegible]	18.21	2.442	BMB
4	4.58	Bromide	[illegible]	0.163	3.53	2.372	BMB
5	5.45	Nitrate	8.037	1.033	21.58	2.454	BMB
6	[illegible]	Sulfate	2.257	3.678	12.92	5.017	BMB
Total:			27.344	4.785	100.00	22.132	

98 CCV9

Sample Name	CCV9	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	Unknown	Wavelength	n.a.
Control Program	epa300	Sample Unit	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	7/19/2021 2:27	Sample Weight	1.0000
Run Time (min)	8.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.93	Fluoride	5.218	[illegible]	26.81	5.135	BMB
2	3.70	Chloride	7.126	0.933	17.35	4.811	BMB
3	4.36	Nitrite	5.595	0.917	18.12	2.445	BMB
4	4.98	Bromide	[illegible]	0.165	3.51	2.378	BMB
5	5.45	Nitrate	6.337	[illegible]	21.45	2.454	BMB
6	6.73	Sulfate	2.257	0.618	12.84	5.017	BMB
Total:			27.360	4.814	100.00	22.248	

Before

Peak Integration

Chromeleon, Dionex 1996-2006
Version 6.80 SR1 a Build 3302 (1962291)

99 CCB9

Sample Name	CCB9	Injection Volume	25.0
Vial Number	49	Channel	n.a.
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	1.0000
Recording Time	7/17/2021 2:38	Sample Weight	1.0000
Run Time (min)	n.a.	Sample Amount	1.0000

n.a.	n.a. n.a.	n.a.	n.a. n.a.	n.a. n.a.	n.a. n.a.	n.a. n.a.	n.a.
Total:			0.000	0.000	0.00	0.000	

Metals

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

Preparation Information Benchsheet

Prep Batch: [illegible]
Team: [illegible]

Prep Workflow: [illegible]
Prep Method: [illegible]

Status: [illegible]
Prep Date/Time: [illegible]

	Lab Code	Client ID	DF	Method/Test	pH	Matrix	Aml/Eal	Final Vol	Sample Description
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]

Spiking Solutions

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Information Worksheet

Prep Batch: [illegible]
Beam: [illegible]

Prep Workflow: [illegible]
Prep Method: [illegible]

Status: [illegible]
Prep Date/Time: [illegible]

[illegible]

[illegible]

Preparation Materials

[illegible]

Preparation Steps

[illegible]

Preparation Equipment

[illegible]

[illegible]

ICPMS LCSW AND SPIKING SOLUTIONS

5.00mL to 500mL Dilution of Inorganics Ventures QCP-CICV-1
Lot# 1/100 QCP-CCV-1

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Al	10000	100
Ba	15000	150
Co	2500	25
Mn	2500	25
Ni	2500	25
V	2500	25
Zn	2500	25
Cu	1250	12.5
Ag	1250	12.5
Cr	1000	10
Be	250	2.5

0.1mL to 100mL Dilution of 1000ppm Sb
Lot# 1ug/mL Sb

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Sb	1000	10

5.00mL to 500mL Dilution of Inorganics Ventures QCP-CICV-2
Lot# 1/100 QCP-CICV-2

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
As	5000	50
Pb	5000	50
Se	5000	50
Tl	5000	50
Cd	2500	25

0.5mL to 100mL Dilution of 1000 ppm Mo and 1000 ppm U
Lot# Mo/U 5ppm

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Mo	5000	25
U	5000	25

Preparation Information Sheet [illegible]

Prep Run:	382555	**Prep Workflow:**	[illegible]	**Status:**	Open	**Prep Date**	07/06/2021 09:59
Team:	Metals	**Prep Method**	EPA CLP ILM04.0	**Current Step:**	Digestion	**Due Date**	07/02/2021
Analyst:	[illegible]	**Rush/NPDES**	N/A			**Hold Date**	12/15/2021

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

34 Total Samples consisting of 30 Client Samples, 2 Client QC Samples, 2 Batch QC Samples associated with the current Prep Run

Spiking Solutions

Name	Type	ID	Expires	Name	Type	ID	Expires
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Materials

Preparation Hardware / Equipment

Preparation Steps

Step	Start	Finish	By	Actual Qty	Expected	Comments
[illegible]					[illegible]	

Comments

[illegible]

Review

[illegible] [illegible]

Preparation Information Benchsheet

Prep Batch: [illegible]
Team: [illegible]

Prep Workbook: [illegible]
Prep Method: [illegible]

Matrix: [illegible]
Prep Date/Time: [illegible]

Lab Code	Client ID	MB	Method Class	pH	Matrix	Amt. Ext	Final Vol	Sample Description
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Spiking Solutions

[illegible]

[illegible]

[illegible]

[illegible]

Preparation Materials

[illegible]

Preparation Steps

[illegible]

Preparation Information Benchsheet

Prep Runs: [illegible]
Team: [illegible]

Prep Workflow: [illegible]
Prep Method: [illegible]

Status: [illegible]
Prep Date/Time: [illegible]

Preparation Equipment

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]				

[illegible] Prep provided _____ [illegible] _____

_____ [illegible] _____

[illegible] _____ [illegible] _____ [illegible] _____

[illegible]

[illegible]

ICPMS QSW AND SPIKING SOLUTIONS

500mL to 500mL Dilution of Inorganic Ventures QCP CICV 1
k-mat 1/100 QCP-CCV-1

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Al	10000	100
Ba	10000	100
Co	2500	25
Mn	2500	25
Ni	2500	25
V	2500	25
Zn	2500	25
Cu	1250	12.5
Ag	1250	12.5
Cr	1000	10
Be	250	2.5

0.1mL to 100mL Dilution of 1000ppm Sb
k-mat 1ug/mL Sb

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Sb	1000	10

500mL to 500mL Dilution of Inorganic Ventures QCP CICV 3
k-mat 1/100 QCP-CICV-3

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
As	5000	50
Pb	5000	50
Se	5000	50
Tl	5000	50
Cd	2500	25

0.5mL to 100mL Dilution of 1000 ppm Mo and 1000 ppm U
k-mat MoU 5ppm

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Mo	5000	25
U	5000	25

Preparation Information Benchsheet

Prep Run:	332656	**Prep Workflow:**	MeCl2AcNS	**Status**	Draft	**Prep Date**	07/06/2021 10:02
Team:	Metals	**Prep Method:**	EPA CLP [illegible]	**Current Step**	Digestion	**Due Date**	07/02/2021
Analyst:	JHI4SCh	**Rush/NPDES:**	N/A			**Hold Date**	[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

6 Total Samples consisting of 2 Client Samples, 2 Client QC Samples, 2 Batch QC Samples associated with the current Prep Run

Spiking Solutions

Name	Type	ID	Expires	Name	Type	ID	Expires
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Materials

Preparation Hardware / Equipment

Preparation Steps

Step	Started	Finished	By	Reagent Br	[illegible]	Comments
[illegible]					[illegible]	

Comments

[illegible]

Review

[illegible] Date

Service Request # K2107729
Calibration: 080321CICPMS08
ALS LIMS Run# 733604
Pipette IDs: 16006318, 19070685, 18010244
Pipette Check Due: 08/19/21
Cal Std: MS28-39-B
ICV Std: MS28-18-A
LLICV Std: MS28-39-C
I.S. Solution: MS27-100-E
Tune Std MS28-3-A

ICSA: MS28-37-D
ICSAB: MS28-37-E

ICP-MS Data Review Form

		Yes	No	NA
1.	Appropriate standardization completed	X		
2	ICV in control (+/- 10%)	X		
3	CCV's in control (+/- 10%)	X		
4	ICB/CCB's below MRL	X		
5	LLICV standard analyzed and in control	X		
6	ICS standards within 20% of true value	X		
6	All analytes within instrument linear range	X		
7	Adequate rinse out time allowed	X		
8	Internal standards in control	X		
9	Interferences checked	X		
10.	Was the run terminated? If so, why		X	

See Benchsheet exception report for sample batch QC information
Comments Report Mo98 MRL=2X for Fe

Prep Batches 382656, 382655

Primary Review by [illegible] Date [illegible]

Secondary Review by [illegible] Date [illegible]

Data Review Form

Instrument ID# K-ICP-MS-06

Data File Name R:\ICP\WIP\DATA\K-ICP-MS-06 (Agilent 7800)\080321C.csv

RUNNO. 733604

K2107729

KQ2112385-01MB - Metals T -

MB Evaluation

6020A/Metals T 56 Fe [He] Result 7.05129 MRL 4

6020A/Metals D 56 Fe [He] Result 7.05129 MRL 4

KQ2112384-01MB - Metals T -

MB Evaluation

6020A/Metals T 56 Fe [He] Result 7.93675 MRL 4

6020A/Metals D 56 Fe [He] Result 7.93675 MRL 4

Primary Approver

Secondary Approver

Page 1 of 1

	Sample Type	Inj Vol	Data File	Acq Date-Time	Type	L	Sample Name	Comment	Vial No
1		[illegible]	D001SW14	2021-08-03 2:59:32 PM	Sample		Conditioning		31[illegible]
2		[illegible]	D002SW14	2021-08-03 3:01:00 PM	Sample		Conditioning		31[illegible]
3		[illegible]	D003SW14	2021-08-03 3:02:27 PM	Sample		Conditioning		31[illegible]
4		[illegible]	D004SW14	2021-08-03 3:03:45 PM	Sample		Conditioning		31[illegible]
5		[illegible]	D005SW14	2021-08-03 3:05:08 PM	Sample		Conditioning		31[illegible]
6		[illegible]	D006SW14	2021-08-03 3:06:32 PM	Sample		Conditioning		31[illegible]
7		[illegible]	D007CALB	2021-08-03 3:07:56 PM	CalBlk		PBWLR		2
8		[illegible]	D008CALB	2021-08-03 3:09:20 PM	CalBlk		[illegible]		1
9		[illegible]	D009CALB	2021-08-03 3:10:43 PM	CalBlk		Blank		1
10		[illegible]	D010CALS	2021-08-03 3:12:05 PM	CalStd		25ppb		2
11		[illegible]	D011CCVB	2021-08-03 3:13:29 PM	CCV		CV		2[illegible]
12			D012CCV	2021-08-03 3:14:51 PM	CCV		CCV		2
13		[illegible]	D013CCIB	2021-08-03 3:16:16 PM	CCIB		CIB		1
14		[illegible]	D014CCIB	2021-08-03 3:17:39 PM	CCIB		CIB		1
15	[illegible]	[illegible]	D015CCVB	2021-08-03 3:19:00 PM	CCVB		CCVW	[illegible]	[illegible]
16	[illegible]	[illegible]	D016CCVB	2021-08-03 3:20:20 PM	CCVB		CCVW		2[illegible]
17		[illegible]	D017CCIB	2021-08-03 3:21:15 PM	CCIB		CCVW2X		2202
18			D018CSA	2021-08-03 3:24:38 PM	ICSA		CSA		2[illegible]3
19		[illegible]	D019CSAB	2021-08-03 3:26:00 PM	ICSAB		CSAB		2[illegible]4
20		[illegible]	D020SWPL	2021-08-03 3:27:23 PM	Sample		MDSTD		2[illegible]5
21	[illegible]	[illegible]	D021PB	2021-08-03 3:35:17 PM	PB		4021[illegible]2385C1		[illegible]308
22		[illegible]	D022LCS	2021-08-03 3:40:39 PM	LCS		4021[illegible]2385C2		[illegible]309
23		[illegible]	D023[illegible]	2021-08-03 3:42:[illegible] PM	[illegible]		[illegible]		[illegible]310
24		[illegible]	D024[illegible]	2021-08-03 3:43:20 PM	Sample		4021[illegible]2385C3		[illegible]311
25		[illegible]	D025[illegible]	2021-08-03 3:44:46 PM	Sample		A21C[illegible]29-01	5X	[illegible]312
26		[illegible]	D026[illegible]	2021-08-03 3:46:09 PM	[illegible]		A21C[illegible]29-01	[illegible]	1401
27			D027SPIKE	2021-08-03 3:47:31 PM	Spike		4021[illegible]2385C4		1402
28			D028SWPL	2021-08-03 3:48:53 PM	Sample		A21C[illegible]29-01[illegible]		1403
29			D029SWPL	2021-08-03 3:50:16 PM	Sample		A21C[illegible]29-01[illegible]	D	1404
30			D030SWPL	2021-08-03 3:51:38 PM	Sample		A21C[illegible]29-01[illegible]	D	1405
31			D031CCV	2021-08-03 3:53:02 PM	CCV		CCV		2
32	[illegible]	[illegible]	D032CCB	2021-08-03 3:54:25 PM	CCB		CCB	[illegible]	1
33			D033CCB	2021-08-03 3:55:56 PM	CCIB		CCB		1
34			D034CCV	2021-08-03 3:59:29 PM	CCIVB		CCVW		2[illegible]32
35			D035CCIB	2021-08-03 4:00:44 PM	CCIB		CCVW2X		2202

	Sample Type	Inj	Data File	Acq Date-Time	Type	L	Sample Name	Com.	Vial No.
36			C36 PS.d	2021-08-03 4:03:02 P	PS		KG21-12384-03		1407
37			C37 LCS.d	2021-08-03 4:03:30 P	LCS		KG21-12384-03		1408
38			C38 AUF.d	2021-08-03 4:04:57 P	AUF		K21-07729-001		1409
39			C39SMPL	2021-08-03 4:06:14 P	Sample		KG21-12384-03		1410
40			C40SMPL	2021-08-03 4:07:30 P	Sample		K2107729-001	5X	1411
41			C41 PMS.d	2021-08-03 4:08:58 P	PMS		K2107729-001	4X	1412
42			C42 SPK.d	2021-08-03 4:10:20 P	Spike		KG21-12384-04		1413
43			D43SMPL	2021-08-03 4:11:44 P	Sample		K2107729-002		1502
44			D44SMPL	2021-08-03 4:13:06 P	Sample		K2107729-003		1503
45			D45SMPL	2021-08-03 4:14:26 P	Sample		K2107729-004		1504
46			D46 CCV	2021-08-03 4:16:53 P	CCV		CCV		2
47			D47 CCV	2021-08-03 4:31:25 P	CCV		CCV		2
48			D48 CCB	2021-08-03 4:32:49 P	CCB		CCB		1
49			D49SMPL	2021-08-03 4:34:12 P	Sample		K2107729-005		1505
50			D50SMPL	2021-08-03 4:35:34 P	Sample		K2107729-006		1506
51			D51SMPL	2021-08-03 4:36:57 P	Sample		K2107729-007		1507
52			D52SMPL	2021-08-03 4:38:19 P	Sample		K2107729-008		1508
53			D53SMPL	2021-08-03 4:39:41 P	Sample		K2107729-009		1509
54			D54SMPL	2021-08-03 4:41:03 P	Sample		K2107729-010		1510
55			D55SMPL	2021-08-03 4:42:26 P	Sample		K2107729-001	D	1511
56			D56SMPL	2021-08-03 4:43:48 P	Sample		K2107729-002	D	1512
57			D57SMPL	2021-08-03 4:45:11 P	Sample		K2107729-003	D	1513
58			D58SMPL	2021-08-03 4:46:33 P	Sample		K2107729-004	D	1514
59			D59 CCV	2021-08-03 4:49:44 P	CCV		CCV		2
60			D60 CCV	2021-08-03 5:03:49 P	CCV		CCV		2
61			D61 CCB	2021-08-03 5:05:06 P	CCB		CCB		1
62			D62SMPL	2021-08-03 5:06:29 P	Sample		K2107729-005	D	1103
63			D63SMPL	2021-08-03 5:07:51 P	Sample		K2107729-006	D	1104
64			D64SMPL	2021-08-03 5:09:14 P	Sample		K2107729-007	D	1105
65			D65SMPL	2021-08-03 5:10:36 P	Sample		K2107729-008	D	1106
66			D66SMPL	2021-08-03 5:11:59 P	Sample		K2107729-009	D	1107
67			D67SMPL	2021-08-03 5:13:22 P	Sample		K2107729-010	D	1108
68			D68SMPL	2021-08-03 5:14:44 P	Sample		K2107729-004	10X	1201
69			D69SMPL	2021-08-03 5:16:06 P	Sample		K2107729-008	10X	1202
70			D70SMPL	2021-08-03 5:17:29 P	Sample		K2107729-010	10X	1203

Sample

	Type	Acq. Date-Time	Type	L	Sample Name	Com.	Vial No.
[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	CCV		CCV		2
[illegible]	[illegible]	[illegible]	CCB		CCB		[illegible]
[illegible]	[illegible]	[illegible]	Sample		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	CCV		CCV		2
[illegible]	[illegible]	[illegible]	CCB		CCB		[illegible]
[illegible]	[illegible]	[illegible]	LLCCV		LLCCVW		[illegible]
[illegible]	[illegible]	[illegible]	QC1		LLCCVW 2X		[illegible]

Analyte

	Name	Mass	ISTD	Data Mode	Units	Replicate
1	Fe	56	72	He	ug/L	3
2	As	75	72	He	ug/L	3
3	Mo	95	115	He	ug/L	3
4	Mo	98	115	He	ug/L	3
5	V	51		He		3
6	Cu	63		He		3
7	In	115		He		3

US EPA Tune Check Report

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

US EPA Tune Check Report

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Calculation Summary Report

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Jr-tas Calibration Verificator (ICV) Report

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Continuing Calibration Verification (CCV) Report

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Initial Calibration Blank (ICB) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Initial Calibration Verification (LLICV) Report

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Low Level Initial Calibration Verification (LLICV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Sample Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Reference Sample Report

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Sample Report

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Post Digest on Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLICV) Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Name	Value	[illegible]	Type	[illegible]	[illegible]	[illegible]	[illegible]	Tag Value	% Rec	QC Flag
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

QC Rule Table

Name	Value	Type Mode	CPS	CPS Mod	[illegible]	% Rec	QC Flag
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Reference Sample Report

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Sample Report

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Sample Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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ALS Environmental
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Kelso, WA 98626
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www.alsglobal.com

September 27, 2021

Analytical Report for Service Request No: K2110125

Jessica Goin
Anchor QEA, LLC
421 SW Sixth Ave.
Suite 750
Portland, OR 97204

RE: Grumman Road Treatability

Dear Jessica,

Enclosed are the results of the sample(s) submitted to our laboratory August 31, 2021
For your reference, these analyses have been assigned our service request number **K2110125.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3376. You may also contact me via email at Mark.Harris@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Kelley Lovejoy

for Mark Harris
Project Manager

RIGHT SOLUTIONS | RIGHT PARTNER

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Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Case Narrative

ALS Environmental—Kelso Laboratory
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1317 South 13th Ave, Kelso, WA 98626 | 1-360-577-7222 | www.alsglobal.com

Client: Anchor QEA, LLC
Project: Grumman Road Treatability
Sample Matrix: Water

Service Request: K2110125
Date Received: 08/31/2021

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.

Sample Receipt:

Ten water samples were received for analysis at ALS Environmental on 08/31/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

General Chemistry:

No significant anomalies were noted with this analysis.

Approved by Kelley Lovejoy Date 09/27/2021

Chain of Custody

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ALS Environmental

CHAIN OF CUSTODY

Cooler Receipt and Preservation Form

Client: Anchor Service Request: K21 [redacted] KM

Received: 8-30-21 Opened: 8:30-21 By: [illegible] Unloaded: ____ By: ____

1. Samples were received via? USPS Fed Ex UPS DHL FDX Courier Hand Delivered
2. Samples were received in: (Cooler) Box Envelope Other N/A
3. Were custody seals on coolers? N/A Y (N) If yes, how many and where?
   If present, were they intact and dated? Y N
4. Were temperature blanks present in each cooler? N/A (Y) N If yes, record the temperature in the appropriate column below
   If not, take the temperature of a representative sample bottle in accordance with the cooler, noting in the column "Sample Temp"
5. Were samples received at a temperature of 0.1-6.0°C? N/A (Y) N
   If no, were the samples received on ice and same day as collected? If yes, note the cooler temp below and note "Ice" in "Sample Temp" (Y) Y N

If applicable: Immediately chilled Frozen Partially Thawed Thawed

Temp Blank	Sample Temp	IR Gun	Cooler #/COC ID (N/A)	Out of temp Indicate with "X"	PM Notified If out of temp	Tracking Number (N/A)	Final
19	—	20.2			—		

6. Packing material: Bubble Wrap (Bags) Foil Paper (Wet Ice) Dry Ice None
7. Were custody papers properly filled out (ink, signature, etc.)? N/A (Y) N
8. Were all sample labels complete (analysis, preservation, etc.)? N/A (Y) N
9. Did all sample labels and tags agree with custody papers? N/A (Y) N
10. Were appropriate bottles/containers and volumes received for the tests indicated? N/A (Y) N
11. Were the pH-preserved bottles (see VOA/VOC/TOC/TOX/TKN/NH3/CN/Phenolics/Sulfide/Metals) received at the appropriate pH? Indicate in the table below. N/A (Y) N
12. Were VOA vials received without headspace? Indicate in the table below. (N/A) Y N
13. Was C12/Res negative? (N/A) Y N

Sample ID on Bottle	Sample ID on COC	Identified by

Sample ID	Bottle Count Bottle Type	Preservative Service	pH	Reagent	Volume Added	Reagent Lot Number	Initials	Time

Notes, Discrepancies, Resolutions:

General Chemistry

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110125
Project:	Grumman Road Treatability	**Date Collected:**	08/26/21 - 08/27/21
Sample Matrix:	Water	**Date Received:**	08/31/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Sulfate

Sample Name	Lab Code	Result	MRL	MDL	Dil.	Date Analyzed	Q
GR-GWC-15-014	K2110125-001	**41.2**	4.0	0.4	20	09/15/21 03:56	
GR-GWC-15-1014	K2110125-002	**41.0**	4.0	0.4	20	09/15/21 04:07	
GR-GWC-15-114	K2110125-009	**46.2**	4.0	0.4	20	09/15/21 04:19	
Method Blank	K2110125-MB1	ND U	0.20	0.02	1	09/14/21 12:26	
Method Blank	K2110125-MB2	ND U	0.20	0.02	1	09/14/21 21:50	
Method Blank	K2110125-MB3	ND U	0.20	0.02	1	09/15/21 04:43	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110125
Project:	Grumman Road Treatability	**Date Analyzed:**	09/14/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Sulfate

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	738603

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2110125-LCS1	4.59	5.00	92	90-110
Lab Control Sample	K2110125-LCS2	4.87	5.00	97	90-110
Lab Control Sample	K2110125-LCS3	4.81	5.00	96	90-110

Client: Anchor QEA, LLC **Service Request:** K2110125
Project: Grumman Road Treatability

Continuing Calibration Verification (CCV) Summary

Sulfate

Analysis Method: 300.0 **Units:** mg/L

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	738603	KQ2117932-01	09/14/21 11:52	5.00	4.83	97	90-110
CCV2	738603	KQ2117932-02	09/14/21 15:37	5.00	4.87	97	90-110
CCV3	738603	KQ2117932-03	09/14/21 17:56	5.00	4.84	97	90-110
CCV4	738603	KQ2117932-04	09/14/21 20:16	5.00	4.90	98	90-110
CCV5	738603	KQ2117932-05	09/14/21 22:36	5.00	4.91	98	90-110
CCV6	738603	KQ2117932-06	09/15/21 00:57	5.00	4.63	93	90-110
CCV7	738603	KQ2117932-07	09/15/21 03:19	5.00	5.34	107	90-110
CCV8	738603	KQ2117932-08	09/15/21 05:19	5.00	4.63	93	90-110

Client: Anchor QEA, LLC **Service Request:**K2110125
Project: Grumman Road Treatability

Continuing Calibration Blank (CCB) Summary
Sulfate

Analysis Method: 300.0 **Units:**mg/L

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	738603	KQ2117932-09	09/14/21 12:03	0.20	0.02	ND	U
CCB2	738603	KQ2117932-10	09/14/21 15:49	0.20	0.02	ND	U
CCB3	738603	KQ2117932-11	09/14/21 18:08	0.20	0.02	ND	U
CCB4	738603	KQ2117932-12	09/14/21 20:28	0.20	0.02	ND	U
CCB5	738603	KQ2117932-13	09/14/21 22:48	0.20	0.02	ND	U
CCB6	738603	KQ2117932-14	09/15/21 01:09	0.20	0.02	ND	U
CCB7	738603	KQ2117932-15	09/15/21 03:31	0.20	0.02	ND	U
CCB8	738603	KQ2117932-16	09/15/21 05:31	0.20	0.02	ND	U

Metals

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110125
Project:	Grumman Road Treatability	**Date Collected:**	08/26/21 13:00
Sample Matrix:	Water	**Date Received:**	08/31/21 13:40
Sample Name:	GR-GWC-15-014	**Basis:**	NA
Lab Code:	K2110125-001		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**223**	ug/L	2.5	0.5	5	09/27/21 12:05	09/10/21	
Iron	6020A	**264**	ug/L	10	2	5	09/27/21 12:05	09/10/21	
Manganese	6020A	**267**	ug/L	1.0	0.2	5	09/27/21 12:05	09/10/21	
Molybdenum	6020A	**90.5**	ug/L	0.50	0.15	5	09/27/21 12:05	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110125
Project:	Grumman Road Treatability	**Date Collected:**	08/26/21 13:00
Sample Matrix:	Water	**Date Received:**	08/31/21 13:40
Sample Name:	GR-GWC-15-014	**Basis:**	NA
Lab Code:	K2110125-001		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**239**	ug/L	2.5	0.5	5	09/27/21 11:45	09/10/21	
Iron	6020A	**367**	ug/L	10	2	5	09/27/21 11:45	09/10/21	
Molybdenum	6020A	**94.5**	ug/L	0.50	0.15	5	09/27/21 11:45	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110125
Project:	Grumman Road Treatability	**Date Collected:**	08/26/21 13:05
Sample Matrix:	Water	**Date Received:**	08/31/21 13:40
Sample Name:	GR-GWC-15-1014	**Basis:**	NA
Lab Code:	K2110125-002		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**233**	ug/L	2.5	0.5	5	09/27/21 12:06	09/10/21	
Iron	6020A	**338**	ug/L	10	2	5	09/27/21 12:06	09/10/21	
Manganese	6020A	**269**	ug/L	1.0	0.2	5	09/27/21 12:06	09/10/21	
Molybdenum	6020A	**88.6**	ug/L	0.50	0.15	5	09/27/21 12:06	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110125
Project:	Grumman Road Treatability	**Date Collected:**	08/26/21 13:05
Sample Matrix:	Water	**Date Received:**	08/31/21 13:40
Sample Name:	GR-GWC-15-1014	**Basis:**	NA
Lab Code:	K2110125-002		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**259**	ug/L	2.5	0.5	5	09/27/21 11:52	09/10/21	
Iron	6020A	**459**	ug/L	10	2	5	09/27/21 11:52	09/10/21	
Molybdenum	6020A	**95.1**	ug/L	0.50	0.15	5	09/27/21 11:52	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110125
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 14:15
Sample Matrix:	Water	**Date Received:**	08/31/21 13:40
Sample Name:	GR-GWC-15-118	**Basis:**	NA
Lab Code:	K2110125-003		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**2**	**J**	ug/L	13	2	5	09/27/21 12:08	09/10/21	
Iron	6020A	ND	U	ug/L	50	8	5	09/27/21 12:08	09/10/21	
Manganese	6020A	**40500**		ug/L	5.0	1.0	5	09/27/21 12:08	09/10/21	
Molybdenum	6020A	ND	U	ug/L	2.5	0.8	5	09/27/21 12:08	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110125
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 14:15
Sample Matrix:	Water	**Date Received:**	08/31/21 13:40
Sample Name:	GR-GWC-15-118	**Basis:**	NA
Lab Code:	K2110125-003		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**9**	**J**	ug/L	13	2	5	09/27/21 11:54	09/10/21	
Iron	6020A	ND	U	ug/L	50	8	5	09/27/21 11:54	09/10/21	
Molybdenum	6020A	ND	U	ug/L	2.5	0.8	5	09/27/21 11:54	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110125
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 14:20
Sample Matrix:	Water	**Date Received:**	08/31/21 13:40
Sample Name:	GR-GWC-15-1118	**Basis:**	NA
Lab Code:	K2110125-004		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**4**	**J**	ug/L	13	2	5	09/27/21 12:09	09/10/21	
Iron	6020A	ND	U	ug/L	50	8	5	09/27/21 12:09	09/10/21	
Manganese	6020A	**37900**		ug/L	5.0	1.0	5	09/27/21 12:09	09/10/21	
Molybdenum	6020A	ND	U	ug/L	2.5	0.8	5	09/27/21 12:09	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110125
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 14:35
Sample Matrix:	Water	**Date Received:**	08/31/21 13:40
Sample Name:	GR-GWC-15-218	**Basis:**	NA
Lab Code:	K2110125-005		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	13	2	5	09/27/21 12:10	09/10/21	
Iron	6020A	ND	U	ug/L	50	8	5	09/27/21 12:10	09/10/21	
Manganese	6020A	**85700**		ug/L	5.0	1.0	5	09/27/21 12:10	09/10/21	
Molybdenum	6020A	ND	U	ug/L	2.5	0.8	5	09/27/21 12:10	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110125
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 14:35
Sample Matrix:	Water	**Date Received:**	08/31/21 13:40
Sample Name:	GR-GWC-15-218	**Basis:**	NA
Lab Code:	K2110125-005		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**3**	**J**	ug/L	13	2	5	09/27/21 11:55	09/10/21	
Iron	6020A	ND	U	ug/L	50	8	5	09/27/21 11:55	09/10/21	
Molybdenum	6020A	ND	U	ug/L	2.5	0.8	5	09/27/21 11:55	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110125
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 14:40
Sample Matrix:	Water	**Date Received:**	08/31/21 13:40
Sample Name:	GR-GWC-15-1218	**Basis:**	NA
Lab Code:	K2110125-006		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	13	2	5	09/27/21 12:12	09/10/21	
Iron	6020A	ND	U	ug/L	50	8	5	09/27/21 12:12	09/10/21	
Manganese	6020A	**101000**		ug/L	5.0	1.0	5	09/27/21 12:12	09/10/21	
Molybdenum	6020A	ND	U	ug/L	2.5	0.8	5	09/27/21 12:12	09/10/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110125
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 14:40
Sample Matrix:	Water	**Date Received:**	08/31/21 13:40
Sample Name:	GR-GWC-15-1218	**Basis:**	NA
Lab Code:	K2110125-006		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**3**	**J**	ug/L	13	2	5	09/27/21 12:01	09/10/21	
Iron	6020A	ND	U	ug/L	50	8	5	09/27/21 12:01	09/10/21	
Molybdenum	6020A	ND	U	ug/L	2.5	0.8	5	09/27/21 12:01	09/10/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110125
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 14:50
Sample Matrix:	Water	**Date Received:**	08/31/21 13:40
Sample Name:	GR-GWC-15-318	**Basis:**	NA
Lab Code:	K2110125-007		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	13	2	5	09/27/21 12:16	09/10/21	
Iron	6020A	ND	U	ug/L	50	8	5	09/27/21 12:16	09/10/21	
Manganese	6020A	**16700**		ug/L	5.0	1.0	5	09/27/21 12:16	09/10/21	
Molybdenum	6020A	ND	U	ug/L	2.5	0.8	5	09/27/21 12:16	09/10/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110125
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 14:50
Sample Matrix:	Water	**Date Received:**	08/31/21 13:40
Sample Name:	GR-GWC-15-318	**Basis:**	NA
Lab Code:	K2110125-007		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	13	2	5	09/27/21 12:02	09/10/21	
Iron	6020A	ND	U	ug/L	50	8	5	09/27/21 12:02	09/10/21	
Molybdenum	6020A	ND	U	ug/L	2.5	0.8	5	09/27/21 12:02	09/10/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110125
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 14:55
Sample Matrix:	Water	**Date Received:**	08/31/21 13:40
Sample Name:	GR-GWC-15-1318	**Basis:**	NA
Lab Code:	K2110125-008		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	13	2	5	09/27/21 12:17	09/10/21	
Iron	6020A	ND	U	ug/L	50	8	5	09/27/21 12:17	09/10/21	
Manganese	6020A	**201000**		ug/L	5.0	1.0	5	09/27/21 12:17	09/10/21	
Molybdenum	6020A	ND	U	ug/L	2.5	0.8	5	09/27/21 12:17	09/10/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110125
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 11:00
Sample Matrix:	Water	**Date Received:**	08/31/21 13:40
Sample Name:	GR-GWC-15-114	**Basis:**	NA
Lab Code:	K2110125-009		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**24.0**	ug/L	2.5	0.5	5	09/27/21 12:19	09/10/21	
Iron	6020A	**14**	ug/L	10	2	5	09/27/21 12:19	09/10/21	
Molybdenum	6020A	**93.8**	ug/L	0.50	0.15	5	09/27/21 12:19	09/10/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110125
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 11:00
Sample Matrix:	Water	**Date Received:**	08/31/21 13:40
Sample Name:	GR-GWC-15-114	**Basis:**	NA
Lab Code:	K2110125-009		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**38.9**	ug/L	2.5	0.5	5	09/27/21 12:03	09/10/21	
Iron	6020A	**301**	ug/L	10	2	5	09/27/21 12:03	09/10/21	
Molybdenum	6020A	**91.1**	ug/L	0.50	0.15	5	09/27/21 12:03	09/10/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110125
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 11:05
Sample Matrix:	Water	**Date Received:**	08/31/21 13:40
Sample Name:	GR-GWC-15-1114	**Basis:**	NA
Lab Code:	K2110125-010		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**15.5**	ug/L	2.5	0.5	5	09/27/21 12:20	09/10/21	
Iron	6020A	**17**	ug/L	10	2	5	09/27/21 12:20	09/10/21	
Molybdenum	6020A	**95.1**	ug/L	0.50	0.15	5	09/27/21 12:20	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110125
Project:	Grumman Road Treatability	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2117255-01		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	0.50	0.09	1	09/27/21 11:59	09/10/21	
Iron	6020A	ND	U	ug/L	2.0	0.3	1	09/27/21 11:59	09/10/21	
Manganese	6020A	ND	U	ug/L	0.20	0.04	1	09/27/21 11:59	09/10/21	
Molybdenum	6020A	ND	U	ug/L	0.10	0.03	1	09/27/21 11:59	09/10/21	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110125
Project	Grumman Road Treatability	**Date Collected:**	08/26/21
Sample Matrix:	Water	**Date Received:**	08/31/21
		Date Analyzed:	09/27/21

Replicate Sample Summary
Total Metals

Sample Name:	GR-GWC-15-014	**Units:**	ug/L
Lab Code:	K2110125-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2117255-03 Result	Average	RPD	RPD Limit
Arsenic	6020A	2.5	0.5	239	241	240	<1	20
Iron	6020A	10	2	367	370	369	<1	20
Manganese	6020A	1.0	0.2	273	274	274	<1	20
Molybdenum	6020A	0.50	0.15	94.5	95.1	94.8	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110125
Project:	Grumman Road Treatability	**Date Collected:**	08/26/21
Sample Matrix:	Water	**Date Received:**	08/31/21
		Date Analyzed:	09/27/21
		Date Extracted:	09/10/21

Matrix Spike Summary
Total Metals

Sample Name:	GR-GWC-15-014	**Units:**	ug/L
Lab Code:	K2110125-001	**Basis:**	NA
Analysis Method:	6020A		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2117255-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	239	297	50.0	115 #	75-125
Iron	367	425	50	117 #	75-125
Manganese	273	298	25.0	100 #	75-125
Molybdenum	94.5	120	25.0	103	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110125
Project:	Grumman Road Treatability	**Date Analyzed:**	09/27/21
Sample Matrix:	Water		

Lab Control Sample Summary
Total Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2117255-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6020A	49.6	50.0	99	80-120
Iron	6020A	50.1	50.0	100	80-120
Manganese	6020A	24.8	25.0	99	80-120
Molybdenum	6020A	26.0	25.0	104	80-120

ALS Group USA, Corp.
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Prep Summary Report

Client: Anchor QEA, LLC **Service Request:** K2110125
Project: Grumman Road Treatability
Sample Matrix: Water

Metals

Prep Method: EPA CLP ILM04.0 **Extraction Lot:** 386797
Analytical Method: 6020A **Extraction Date:** 09/10/21 16:13

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Amount	Percent Solids
GR-GWC-15-014	K2110125-001	8/26/21	8/31/21	10 mL	10 mL	
GR-GWC-15-1014	K2110125-002	8/26/21	8/31/21	10 mL	10 mL	
GR-GWC-15-118	K2110125-003	8/27/21	8/31/21	2.0 mL	10 mL	
GR-GWC-15-1118	K2110125-004	8/27/21	8/31/21	2.0 mL	10 mL	
GR-GWC-15-218	K2110125-005	8/27/21	8/31/21	2.0 mL	10 mL	
GR-GWC-15-1218	K2110125-006	8/27/21	8/31/21	2.0 mL	10 mL	
GR-GWC-15-318	K2110125-007	8/27/21	8/31/21	2.0 mL	10 mL	
GR-GWC-15-1318	K2110125-008	8/27/21	8/31/21	2.0 mL	10 mL	
GR-GWC-15-114	K2110125-009	8/27/21	8/31/21	10 mL	10 mL	
GR-GWC-15-1114	K2110125-010	8/27/21	8/31/21	10 mL	10 mL	
GR-GWC-15-014	K2110125-001	8/26/21	8/31/21	10 mL	10 mL	
GR-GWC-15-1014	K2110125-002	8/26/21	8/31/21	10 mL	10 mL	
GR-GWC-15-118	K2110125-003	8/27/21	8/31/21	2.0 mL	10 mL	
GR-GWC-15-218	K2110125-005	8/27/21	8/31/21	2.0 mL	10 mL	
GR-GWC-15-1218	K2110125-006	8/27/21	8/31/21	2.0 mL	10 mL	
GR-GWC-15-318	K2110125-007	8/27/21	8/31/21	2.0 mL	10 mL	
GR-GWC-15-114	K2110125-009	8/27/21	8/31/21	10 mL	10 mL	
Method Blank	KQ2117255-01MB	NA	NA	10 mL	10 mL	
Lab Control Sample	KQ2117255-02LCS	NA	NA	10 mL	10.3 mL	
Duplicate	KQ2117255-03DUP	8/26/21	8/31/21	10 mL	10 mL	
Matrix Spike	KQ2117255-04MS	8/26/21	8/31/21	10 mL	10.3 mL	

Client: Anchor QEA, LLC **Service Request:** K2110125
Project: Grumman Road Treatability

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits
ICV 09/27/21 11:32						
Arsenic	6020A	740188	24.6	25.0	98	90-110
Iron	6020A	740188	49.8	50.0	100	90-110
Molybdenum	6020A	740188	24.2	25.0	97	90-110
Manganese	6020A	740188	24.5	25.0	98	90-110
CCV 09/27/21 11:33						
Arsenic	6020A	740188	26.0	25.0	104	90-110
Iron	6020A	740188	253	250	101	90-110
Molybdenum	6020A	740188	12.4	12.5	99	90-110
Manganese	6020A	740188	25.1	25.0	100	90-110
CCV 09/27/21 11:56						
Arsenic	6020A	740188	25.9	25.0	103	90-110
Iron	6020A	740188	249	250	99	90-110
Molybdenum	6020A	740188	12.4	12.5	99	90-110
Manganese	6020A	740188	25.5	25.0	102	90-110
CCV 09/27/21 12:13						
Arsenic	6020A	740188	26.2	25.0	105	90-110
Iron	6020A	740188	251	250	100	90-110
Molybdenum	6020A	740188	12.4	12.5	99	90-110
Manganese	6020A	740188	25.9	25.0	104	90-110
CCV 09/27/21 12:23						
Arsenic	6020A	740188	25.6	25.0	103	90-110
Iron	6020A	740188	249	250	100	90-110
Molybdenum	6020A	740188	12.3	12.5	98	90-110
Manganese	6020A	740188	25.3	25.0	101	90-110

Client: Anchor QEA, LLC **Service Request:** K2110125
Project: Grumman Road Treatability

INITIAL AND CONTINUING CALIBRATION BLANKS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	C
ICB 09/27/21 11:34				
Arsenic	6020A	740188	0.09	U
Iron	6020A	740188	0.3	U
Molybdenum	6020A	740188	0.03	U
Manganese	6020A	740188	0.04	U
CCB 09/27/21 11:36				
Arsenic	6020A	740188	0.09	U
Iron	6020A	740188	0.3	U
Molybdenum	6020A	740188	0.03	U
Manganese	6020A	740188	0.04	U
CCB 09/27/21 11:58				
Arsenic	6020A	740188	0.09	U
Iron	6020A	740188	0.3	U
Molybdenum	6020A	740188	0.03	U
Manganese	6020A	740188	0.05	J
CCB 09/27/21 12:14				
Arsenic	6020A	740188	0.09	U
Iron	6020A	740188	0.3	U
Molybdenum	6020A	740188	0.03	U
Manganese	6020A	740188	0.12	J
CCB 09/27/21 12:24				
Arsenic	6020A	740188	0.09	U
Iron	6020A	740188	0.3	U
Molybdenum	6020A	740188	0.03	U
Manganese	6020A	740188	0.04	U

Client: Anchor QEA, LLC **Service Request:** K2110125
Project: Grumman Road Treatability

LOW LEVEL INITIAL AND LOW LEVEL CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
LLICV							
Arsenic	6020A	740188	0.50	0.5	100	70-130	09/27/21 11:37
Iron	6020A	740188	2.2	2.0	112	70-130	09/27/21 11:37
Molybdenum	6020A	740188	0.098	0.1	98	70-130	09/27/21 11:37
Manganese	6020A	740188	0.21	0.2	106	70-130	09/27/21 11:37
LLCCV							
Arsenic	6020A	740188	0.52	0.5	103	70-130	09/27/21 12:25
Iron	6020A	740188	2.3	2.0	113	70-130	09/27/21 12:25
Molybdenum	6020A	740188	0.12	0.1	115	70-130	09/27/21 12:25
Manganese	6020A	740188	0.23	0.2	115	70-130	09/27/21 12:25

Client: Anchor QEA, LLC **Service Request:** K2110125
Project: Grumman Road Treatability

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSA **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Arsenic	6020A	740188	0.17	-	-	-	09/27/21 11:39
Iron	6020A	740188	46200	-	-	-	09/27/21 11:39
Molybdenum	6020A	740188	49.2	-	-	-	09/27/21 11:39
Manganese	6020A	740188	0.83	-	-	-	09/27/21 11:39

Client: Anchor QEA, LLC **Service Request:** K2110125
Project: Grumman Road Treatability

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSAB **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Arsenic	6020A	740188	24.2	25.0	97	80-120	09/27/21 11:40
Iron	6020A	740188	47000	-	-	-	09/27/21 11:40
Molybdenum	6020A	740188	50.6	-	-	-	09/27/21 11:40
Manganese	6020A	740188	50.3	50.0	101	80-120	09/27/21 11:40

Client: Anchor QEA, LLC **Service Request:** K2110125
Project: Grumman Road Treatability

POST SPIKE SAMPLE RECOVERY

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Post Spike Result	True Value	% Rec	% Rec. Limits	Analysis Date
K2110125-001A								
Manganese	6020A	740188	54.6	103	50.0	97	80-120	09/27/21 12:21
Arsenic	6020A	740188	47.8	98.5	50.0	101	80-120	09/27/21 12:21
Iron	6020A	740188	73	122	50	97	80-120	09/27/21 12:21
Molybdenum	6020A	740188	18.9	67.5	50.0	97	80-120	09/27/21 12:21

Results flagged with a pound (#) indicate the control criteria is not applicable.

Client: Anchor QEA, LLC **Service Request:** K2110125
Project: Grumman Road Treatability

ICP SERIAL DILUTIONS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Serial Dillution Result	% Diff	% Diff. Limit	Analysis Date
K2110125-001SDL							
Manganese	6020A	740188	273	276	1	10	09/27/21 11:48
Arsenic	6020A	740188	239	240	0	10	09/27/21 11:48
Iron	6020A	740188	367	362	1	10	09/27/21 11:48
Molybdenum	6020A	740188	94.5	95.1	1	10	09/27/21 11:48

Client: Anchor QEA, LLC **Service Request:** K2110125
Project: Grumman Road Treatability/

Detection Limits

Instrument: K-ICP-MS-06 **Matrix:** Water

Analyte	Mass	Units	MRL	MDL	Method
Arsenic	75	ug/L	0.5	0.09	6020A
Iron	56	ug/L	2	0.3	6020A
Manganese	55	ug/L	0.2	0.04	6020A
Molybdenum	95	ug/L	0.1	0.03	6020A

Client: Anchor QEA, LLC **Service Request:** K2110125
Project: Grumman Road Treatability/

ICP Linear Range (Quarterly)

Instrument: K-ICP-MS-06

Analyte	Concentration (ug/L)	Method
Arsenic 75	4500	6020A
Iron 56	45000	6020A
Manganese 55	9000	6020A
Molybdenum 95	4500	6020A

Client: Anchor QEA, LLC **Service Request:** K2110125
Project: Grumman Road Treatability/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **740188**

Sample	Dilution Factor	Date/Time	As	Fe	Mn	Mo
ZZZZZZ	1	09/27/21 11:29				
ZZZZZZ	1	09/27/21 11:30				
ICV	1	09/27/21 11:32	X	X	X	X
CCV	1	09/27/21 11:33	X	X	X	X
ICB	1	09/27/21 11:34	X	X	X	X
CCB	1	09/27/21 11:36	X	X	X	X
LLICVW	1	09/27/21 11:37	X	X	X	X
ICSA	1	09/27/21 11:39	X	X	X	X
ICSAB	1	09/27/21 11:40	X	X	X	X
ZZZZZZ	1	09/27/21 11:41				
ZZZZZZ	1	09/27/21 11:43				
KQ2117255-02LCS	1	09/27/21 11:44	X	X	X	X
K2110125-001	5	09/27/21 11:45	X	X		X
K2110125-001DUP	5	09/27/21 11:47	X	X	X	X
K2110125-001SDL	25	09/27/21 11:48	X	X	X	X
K2110125-001PS	5	09/27/21 11:50	X	X	X	X
K2110125-001MS	5	09/27/21 11:51	X	X	X	X
K2110125-002	5	09/27/21 11:52	X	X		X
K2110125-003	5	09/27/21 11:54	X	X		X
K2110125-005	5	09/27/21 11:55	X	X		X
CCV	1	09/27/21 11:56	X	X	X	X
CCB	1	09/27/21 11:58	X	X	X	X
KQ2117255-01MB	1	09/27/21 11:59	X	X	X	X
K2110125-006	5	09/27/21 12:01	X	X		X
K2110125-007	5	09/27/21 12:02	X	X		X
K2110125-009	5	09/27/21 12:03	X	X		X
K2110125-001	5	09/27/21 12:05	X	X	X	X
K2110125-002	5	09/27/21 12:06	X	X	X	X
K2110125-003	5	09/27/21 12:08	X	X	X	X
K2110125-004	5	09/27/21 12:09	X	X	X	X
K2110125-005	5	09/27/21 12:10	X	X	X	X
K2110125-006	5	09/27/21 12:12	X	X	X	X
CCV	1	09/27/21 12:13	X	X	X	X
CCB	1	09/27/21 12:14	X	X	X	X
K2110125-007	5	09/27/21 12:16	X	X	X	X
K2110125-008	5	09/27/21 12:17	X	X	X	X
K2110125-009	5	09/27/21 12:19	X	X		X

Client: Anchor QEA, LLC **Service Request:** K2110125
Project: Grumman Road Treatability/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **740188**

Sample	Dilution Factor	Date/Time	As	Fe	Mn	Mo
K2110125-010	5	09/27/21 12:20	X	X		X
K2110125-001PS	5	09/27/21 12:21	X	X	X	X
CCV	1	09/27/21 12:23	X	X	X	X
CCB	1	09/27/21 12:24	X	X	X	X
LLCCVW	1	09/27/21 12:25	X	X	X	X
ZZZZZZ	1	09/27/21 12:27				
ZZZZZZ	1	09/27/21 12:28				
ZZZZZZ	5	09/27/21 12:34				
ZZZZZZ	5	09/27/21 12:35				
ZZZZZZ	25	09/27/21 12:37				
ZZZZZZ	5	09/27/21 12:38				
ZZZZZZ	5	09/27/21 12:40				
ZZZZZZ	5	09/27/21 12:41				
ZZZZZZ	5	09/27/21 12:42				
ZZZZZZ	5	09/27/21 12:44				
ZZZZZZ	1	09/27/21 12:45				
ZZZZZZ	1	09/27/21 12:46				
ZZZZZZ	5	09/27/21 12:48				
ZZZZZZ	5	09/27/21 12:49				
ZZZZZZ	5	09/27/21 12:51				
ZZZZZZ	5	09/27/21 12:52				
ZZZZZZ	5	09/27/21 12:53				
ZZZZZZ	5	09/27/21 12:55				
ZZZZZZ	5	09/27/21 12:56				
ZZZZZZ	5	09/27/21 12:57				
ZZZZZZ	5	09/27/21 12:59				
ZZZZZZ	5	09/27/21 13:00				
ZZZZZZ	1	09/27/21 13:02				
ZZZZZZ	1	09/27/21 13:03				
ZZZZZZ	5	09/27/21 13:04				
ZZZZZZ	1	09/27/21 13:06				
ZZZZZZ	1	09/27/21 13:07				
ZZZZZZ	1	09/27/21 13:09				
ZZZZZZ	1	09/27/21 13:10				
ZZZZZZ	1	09/27/21 13:11				
ZZZZZZ	5	09/27/21 13:13				
ZZZZZZ	5	09/27/21 13:14				

Client: Anchor QEA, LLC **Service Request:** K2110125
Project: Grumman Road Treatability/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **740188**

Sample	Date/Time	Ge72He	In115He
ZZZZZZ	09/27/21 11:29		
ZZZZZZ	09/27/21 11:30		
ICV	09/27/21 11:32	97	97
CCV	09/27/21 11:33	98	98
ICB	09/27/21 11:34	99	99
CCB	09/27/21 11:36	100	97
LLICVW	09/27/21 11:37	100	99
ICSA	09/27/21 11:39	94	91
ICSAB	09/27/21 11:40	93	90
ZZZZZZ	09/27/21 11:41		
ZZZZZZ	09/27/21 11:43		
KQ2117255-02LCS	09/27/21 11:44	99	97
K2110125-001	09/27/21 11:45	100	98
K2110125-001DUP	09/27/21 11:47	101	98
K2110125-001SDL	09/27/21 11:48	102	99
ZZZZZZ	09/27/21 11:50		
K2110125-001MS	09/27/21 11:51	100	98
K2110125-002	09/27/21 11:52	100	99
K2110125-003	09/27/21 11:54	99	99
K2110125-005	09/27/21 11:55	99	97
CCV	09/27/21 11:56	99	97
CCB	09/27/21 11:58	99	99
KQ2117255-01MB	09/27/21 11:59	100	99
K2110125-006	09/27/21 12:01	98	98
K2110125-007	09/27/21 12:02	100	97
K2110125-009	09/27/21 12:03	101	99
K2110125-001	09/27/21 12:05	105	104
K2110125-002	09/27/21 12:06	105	105
K2110125-003	09/27/21 12:08	103	103
K2110125-004	09/27/21 12:09	104	104
K2110125-005	09/27/21 12:10	102	103
K2110125-006	09/27/21 12:12	103	101
CCV	09/27/21 12:13	99	98
CCB	09/27/21 12:14	101	100
K2110125-007	09/27/21 12:16	99	98
K2110125-008	09/27/21 12:17	101	97
K2110125-009	09/27/21 12:19	101	99

Client: Anchor QEA, LLC **Service Request:** K2110125
Project: Grumman Road Treatability/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **740188**

Sample	Date/Time	Ge72He	In115He
K2110125-010	09/27/21 12:20	102	100
K2110125-001PS	09/27/21 12:21	101	99
CCV	09/27/21 12:23	102	101
CCB	09/27/21 12:24	103	101
LLCCVW	09/27/21 12:25	101	100
ZZZZZZ	09/27/21 12:27		
ZZZZZZ	09/27/21 12:28		
ZZZZZZ	09/27/21 12:34		
ZZZZZZ	09/27/21 12:35		
ZZZZZZ	09/27/21 12:37		
ZZZZZZ	09/27/21 12:38		
ZZZZZZ	09/27/21 12:40		
ZZZZZZ	09/27/21 12:41		
ZZZZZZ	09/27/21 12:42		
ZZZZZZ	09/27/21 12:44		
ZZZZZZ	09/27/21 12:45		
ZZZZZZ	09/27/21 12:46		
ZZZZZZ	09/27/21 12:48		
ZZZZZZ	09/27/21 12:49		
ZZZZZZ	09/27/21 12:51		
ZZZZZZ	09/27/21 12:52		
ZZZZZZ	09/27/21 12:53		
ZZZZZZ	09/27/21 12:55		
ZZZZZZ	09/27/21 12:56		
ZZZZZZ	09/27/21 12:57		
ZZZZZZ	09/27/21 12:59		
ZZZZZZ	09/27/21 13:00		
ZZZZZZ	09/27/21 13:02		
ZZZZZZ	09/27/21 13:03		
ZZZZZZ	09/27/21 13:04		
ZZZZZZ	09/27/21 13:06		
ZZZZZZ	09/27/21 13:07		
ZZZZZZ	09/27/21 13:09		
ZZZZZZ	09/27/21 13:10		
ZZZZZZ	09/27/21 13:11		
ZZZZZZ	09/27/21 13:13		
ZZZZZZ	09/27/21 13:14		

Raw Data

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
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General Chemistry

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www.alsglobal.com

Yes No N/A

Page [illegible]

1. Holding times met for all samples analyzed? [illegible]
2. Are calibrations [illegible]? [illegible]
3. Were blanks analyzed [illegible]?
   a. Were [illegible] [illegible] for [illegible]
4. Are calibration [illegible] correct? [illegible]
5. Are quality control [illegible]? [illegible]
   a. Method Blank, DCVs, DCMs, [illegible] and Surrogates analyzed at the proper frequency? [illegible]
   b. Are DCVs and DCMs within acceptance limits? [illegible]
   c. Are results for Method Blank [illegible]? [illegible]
   d. Are LCS samples within acceptance limits? (LCS's, [illegible] LCS, [illegible] RPDs, etc.) [illegible]
   e. Are [illegible] LCS? [illegible]
6. Are samples [illegible]? [illegible]

CAS Standard Identification Codes and Abbreviated Formulas for Chromatograms

G1 Sample was [illegible] beyond the end of recommended holding time. See Non-conformance Sheet.
G2 Sample was [illegible] beyond end of holding time. [illegible] was performed with a recommended holding time. [illegible]
G4 Sample was [illegible] beyond the end of recommended holding time.
H1 High RPD's because the [illegible] were [illegible] the sample required [illegible]
I MRL was raised because of [illegible] and the sample required [illegible]
J See [illegible] for Analytical Notes.

[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	True Value [illegible]	[illegible]	[illegible]
[illegible]	True Value [illegible]	[illegible]	[illegible]
[illegible]	True Value [illegible]	[illegible]	[illegible]
[illegible]	True Value [illegible]	[illegible]	[illegible]
[illegible]	True Value [illegible]	[illegible]	[illegible]
[illegible]	True Value [illegible]	[illegible]	[illegible]

DCV	[illegible]	[illegible]	[illegible]
[illegible]	True Value [illegible]	[illegible]	[illegible]
[illegible]	True Value [illegible]	[illegible]	[illegible]
[illegible]	True Value [illegible]	[illegible]	[illegible]
[illegible]	True Value [illegible]	[illegible]	[illegible]
[illegible]	True Value [illegible]	[illegible]	[illegible]
[illegible]	True Value [illegible]	[illegible]	[illegible]

Solvent			
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

Processed

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Analyst [illegible] Date [illegible]

Peer Review [illegible] Date [illegible]

Final Review [illegible] Date [illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Protocol: [illegible]

Lab Code	Target Analyte	DL	Parent Sample	Matrix	Raw Result	Sample Size	Final Result	DU	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Flag
[illegible]	[illegible]	N/A		Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analytical Lot: [illegible] Method Reference: [illegible]

Lab Code	Parent Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DF	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Tier
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Technique: [illegible]

Lab Code	Target Analyte	SQL	Parent Sample	Matrix	Raw Result	Sample Size	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Tag
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]

* [illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Testcode: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Status	Raw Result	Sample Amt	Final Result	DF	MDL	PQL	% Rec	% RSD	Date Analyzed	SQC	Line
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analysis: [illegible] Analysis Date: [illegible] Method/Testcode: [illegible]

Lab Sample	Target Analyte	SR	Parent Sample	Matrix	Raw Result	Sample Aliq	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	Qual	Dir
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
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Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Transcode: [illegible]

Lab Code	Target Analyte	QK	Parent Sample	Status	Raw Result	Sample Amt	Final Result	DF	MDL	PQL	Suffix	Prefix	Date Analyzed	QA?	Rep
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Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analytical Lot: [illegible] Method/Reference: [illegible]

Lab Code	Target Analyte	QL	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	DF	MDL	PQL	% Rec	% RSD	Date Analyzed	UCL	Flag
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Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Technique: [illegible]

Lab Code	Target Analyte	Qs	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Type
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	II
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	II
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	II
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[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	II
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	II
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	II
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	I
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No.	Name	Type	Pos.	Id.	Vol.	Program	Method	Status	Date/Time
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2	[illegible]	Standard	2	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
3	[illegible]	Standard	3	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
4	[illegible]	Standard	4	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
5	[illegible]	Standard	5	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
6	[illegible]	Standard	6	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
7	[illegible]	Standard	7	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
8	[illegible]	Standard	8	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
9	[illegible]	Unknown	46	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
10	[illegible]	Unknown	47	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
11	[illegible]	Unknown	7	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
12	[illegible]	Unknown	1	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
13	[illegible]	Unknown	3	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
14	[illegible]	Unknown	4	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
15	[illegible]	Unknown	5	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
16	[illegible]	Unknown	6	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
17	[illegible]	Unknown	1	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
18	[illegible]	Unknown	8	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
19	[illegible]	Unknown	9	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
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21	[illegible]	Unknown	48	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
22	[illegible]	Unknown	49	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
23	[illegible]	Unknown	11	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
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27	[illegible]	Unknown	15	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
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33	[illegible]	Unknown	46	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
34	[illegible]	Unknown	47	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
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42	[illegible]	Unknown	28	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]

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Definition [illegible]
Location [illegible]
Timestamp [illegible] Checksum [illegible]
#Components [illegible] [illegible]

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6	[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	
10	[illegible]	[illegible]	
11	[illegible]	[illegible]	
12	[illegible]	[illegible]	
13	[illegible]	[illegible]	
14	[illegible]	[illegible]	
15	[illegible]	[illegible]	
16	[illegible]	[illegible]	
17	[illegible]	[illegible]	
18	[illegible]	[illegible]	
19	[illegible]	[illegible]	
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22	[illegible]	[illegible]	
23	[illegible]	[illegible]	
24	[illegible]	[illegible]	
25	[illegible]	[illegible]	
26	[illegible]	[illegible]	
27	[illegible]	[illegible]	
28	[illegible]	[illegible]	
29	[illegible]	[illegible]	
30	[illegible]	[illegible]	
31	[illegible]	[illegible]	
32	[illegible]	[illegible]	
33	[illegible]	[illegible]	
34	[illegible]	[illegible]	
35	[illegible]	[illegible]	
36	[illegible]	[illegible]	
37	[illegible]	[illegible]	
38	[illegible]	[illegible]	
39	[illegible]	[illegible]	
40	[illegible]	[illegible]	
41	[illegible]	[illegible]	
42	[illegible]	[illegible]	

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File
Description [illegible]
Location [illegible]
Timebase [illegible]
Sampled [illegible]

Created [illegible]
Modified [illegible]

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No.	Name	Peak Conc.
43	[illegible]	[illegible]
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45	[illegible]	[illegible]
46	[illegible]	[illegible]
47	[illegible]	[illegible]
48	[illegible]	[illegible]
49	[illegible]	[illegible]
50	[illegible]	[illegible]
51	[illegible]	[illegible]
52	[illegible]	[illegible]
53	[illegible]	[illegible]
54	[illegible]	[illegible]
55	[illegible]	[illegible]
56	[illegible]	[illegible]
57	[illegible]	[illegible]
58	[illegible]	[illegible]
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61	[illegible]	[illegible]
62	[illegible]	[illegible]
63	[illegible]	[illegible]
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66	[illegible]	[illegible]
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69	[illegible]	[illegible]
70	[illegible]	[illegible]
71	[illegible]	[illegible]
72	[illegible]	[illegible]
73	[illegible]	[illegible]
74	[illegible]	[illegible]
75	[illegible]	[illegible]
76	[illegible]	[illegible]
77	[illegible]	[illegible]
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84	[illegible]	[illegible]

Selection: [illegible]
Operator: [illegible]
Title:
Transaction: [illegible]
Location: [illegible]
Timeframe: [illegible]
Maximum: 67

Created: [illegible]

No.	Name	Type	Pos.	[illegible]	Program	Method	Status	[illegible] Date/Time
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67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
68	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
69	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
70	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
71	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
72	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Title
Description [illegible]
Location [illegible]
Template CSB
Submitted [illegible]
Created [illegible] AM by [illegible]
[illegible]

No.	Name	U	Value	Comment
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[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	
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[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	

[illegible]

Sequence

Date

Service Request	Cleanup/Issue/Other	Anion	1st DI	2nd DI	Recovery	Done
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				

Patient's Name	Chart/Notes/Other	Arrival	1st Call	2nd Call	Recovery	Done

Initial Request	Chemical Analyzed	Anion	1st Det	Stand Det	Recovery	Comment
[illegible]		F Cl NO2 Br NO3 SO4	[illegible]	[illegible]	[illegible]	
[illegible]		F Cl NO2 Br NO3 SO4	[illegible]	[illegible]	[illegible]	
[illegible]		F Cl NO2 Br NO3 SO4	[illegible]	[illegible]	[illegible]	
[illegible]		F Cl NO2 Br NO3 SO4	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	F Cl NO2 Br NO3 SO4	[illegible]	[illegible]	[illegible]	
[illegible]		F Cl NO2 Br NO3 SO4	[illegible]	[illegible]	[illegible]	
[illegible]		F Cl NO2 Br NO3 SO4	[illegible]	[illegible]	[illegible]	
[illegible]		F Cl NO2 Br NO3 SO4	[illegible]	[illegible]	[illegible]	
[illegible]		F Cl NO2 Br NO3 SO4	[illegible]	[illegible]	[illegible]	
[illegible]		F Cl NO2 Br NO3 SO4	[illegible]	[illegible]	[illegible]	

Sequence

Injection Sequence	Chromatogram Type	Anion	1st Det	2nd Det	Recovery	Done
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				

Sequence

Service Request	Client Notes/Text	Anion	1st Qtl	2nd Qtl	Recovery	Qual
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				

ALS ENVIRONMENTAL, INC.

Ion Chromatography Calibration Data

Sequence: [illegible]

Date: [illegible]

Analyte	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Corr. Coeff.	Slope	Residuals
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.0856	0.2248	
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9025	0.1826	
NO_2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9617	0.3572	
Br	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9944	0.0738	
NO_3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9176	0.4419	
SO_4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9725	0.1285	
[illegible]									99.9557	0.1761	

[illegible]

No.	Peak Name	Cal Type	nPoints	Rel Std.Dev. %	Corr Coeff %	Offset	Slope	Curve
1	Fluoride	Lin	7	1.4049	99.0856	0	0.2248	0
2	Chloride	Lin	7	3.7258	99.9025	0	0.1826	0
3	Nitrite	Lin	7	2.3141	99.9617	0	0.3572	0
4	Bromide	Lin	7	0.8755	99.9944	0	0.0738	0
5	Nitrate	Lin	7	3.4144	99.9176	0	0.4419	0
6	Sulfate	Lin	7	1.957	99.9725	0	0.1285	0
Average			5.25	2.2819	99.9557	0	0.1761	0

0.25mL		[illegible]	0.5mL	[illegible]	[illegible]
	50ppm	[illegible]	[illegible]	[illegible]	

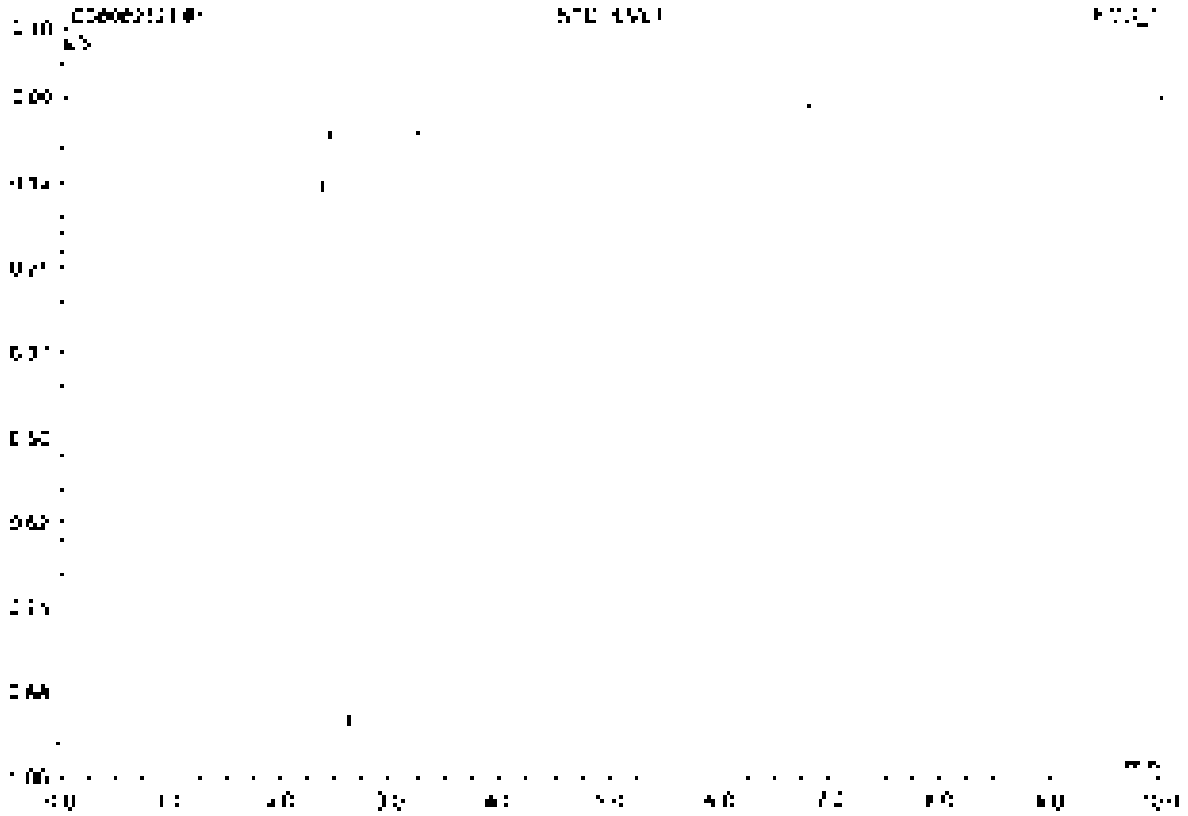
[illegible] 50mL)

	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	STD2	STD3	STD4	STD5	STD6	STD7	STD8	STD9
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO_2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO_3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SO_4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

1 STD1/LVL1

DI

Sample Name	STD1/LVL1	Injection Volume	25.0
Vial Number	1	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Operator Method	epa300	Dilution Factor	1.0000
Processing Time	8/25/2021 14:03	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

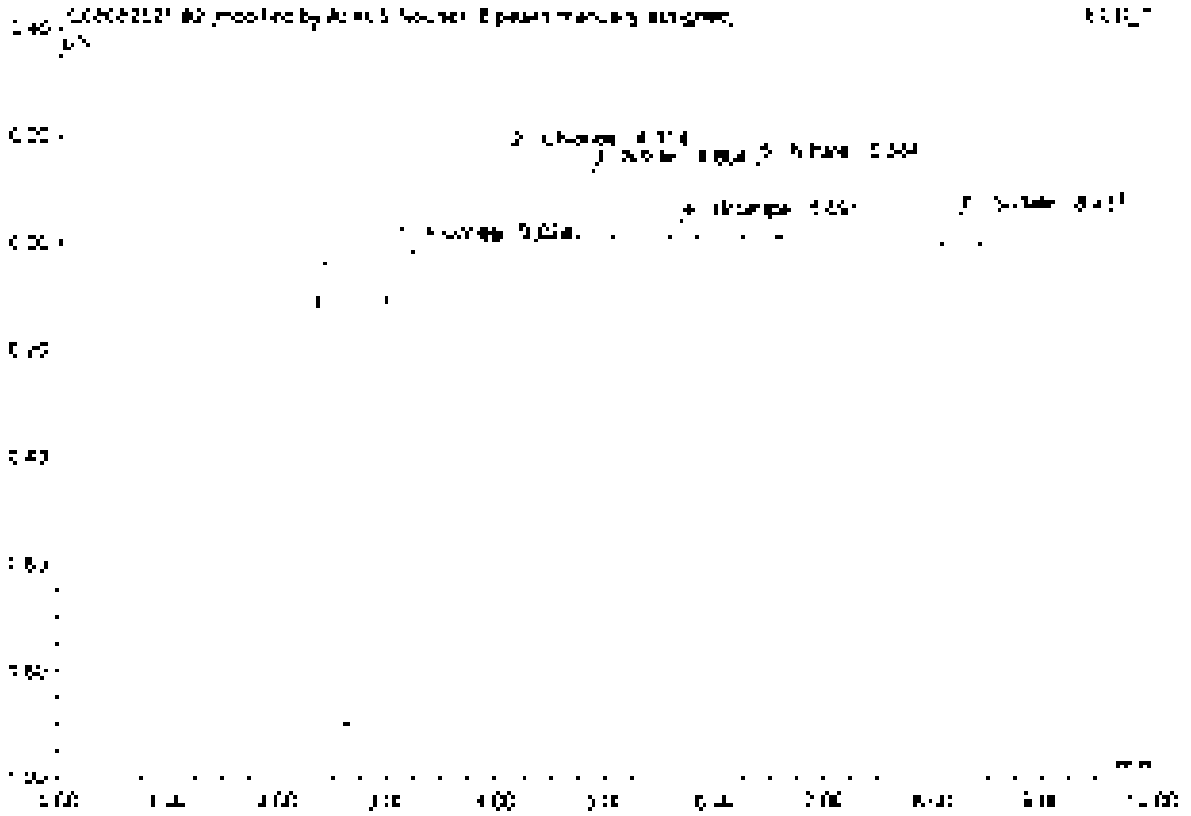


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total			0.000	0.000	0.00	0.000	

2 STD2/LVL2

21-BEN-02-53D

Sample Name	STD2/LVL2	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	8/25/2021 14:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

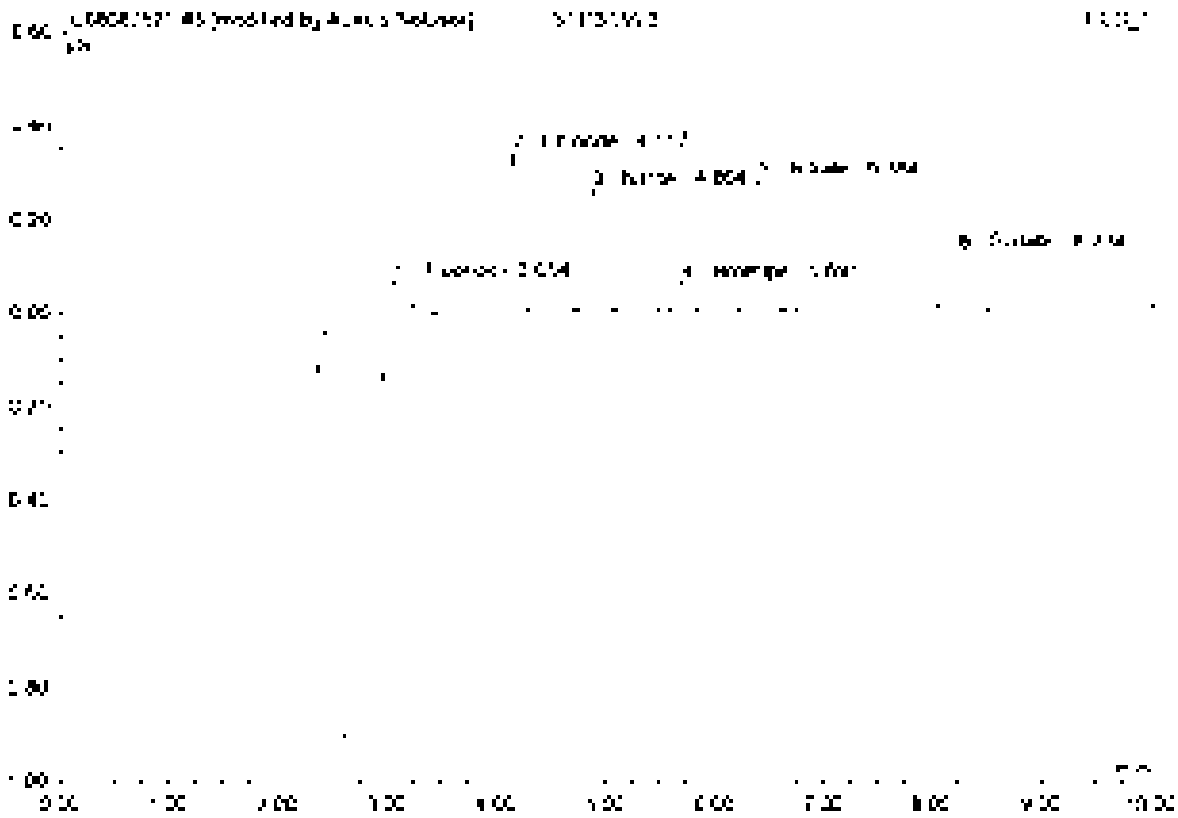


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.97	Fluoride	0.071	0.012	14.81	0.052	BMB*
2	4.11	Chloride	0.130	0.017	20.62	0.061	BMB*
3	4.86	Nitrite	0.130	0.017	20.72	0.047	BMB*
4	5.59	Bromide	0.031	0.004	5.10	0.065	BMB*
5	6.38	Nitrate	0.139	0.020	24.81	0.045	BMB*
6	8.34	Sulfate	0.059	0.011	13.87	0.087	BMB*
Total:			0.500	0.080	100.00	0.378	

3 STD3/LVL3

21-GEN-02-53E

Sample Name:	STD3/LVL3	Injection Volume:	25.0
Vial Number:	3	Channel:	ECD 1
Sample Type:	standard	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quant Method:	epa300	Dilution Factor:	1.0000
Recording Time:	9/26/2021 14:27	Sample Weight:	1.0000
Run Time (min):	10.00	Sample Amount:	1.0000

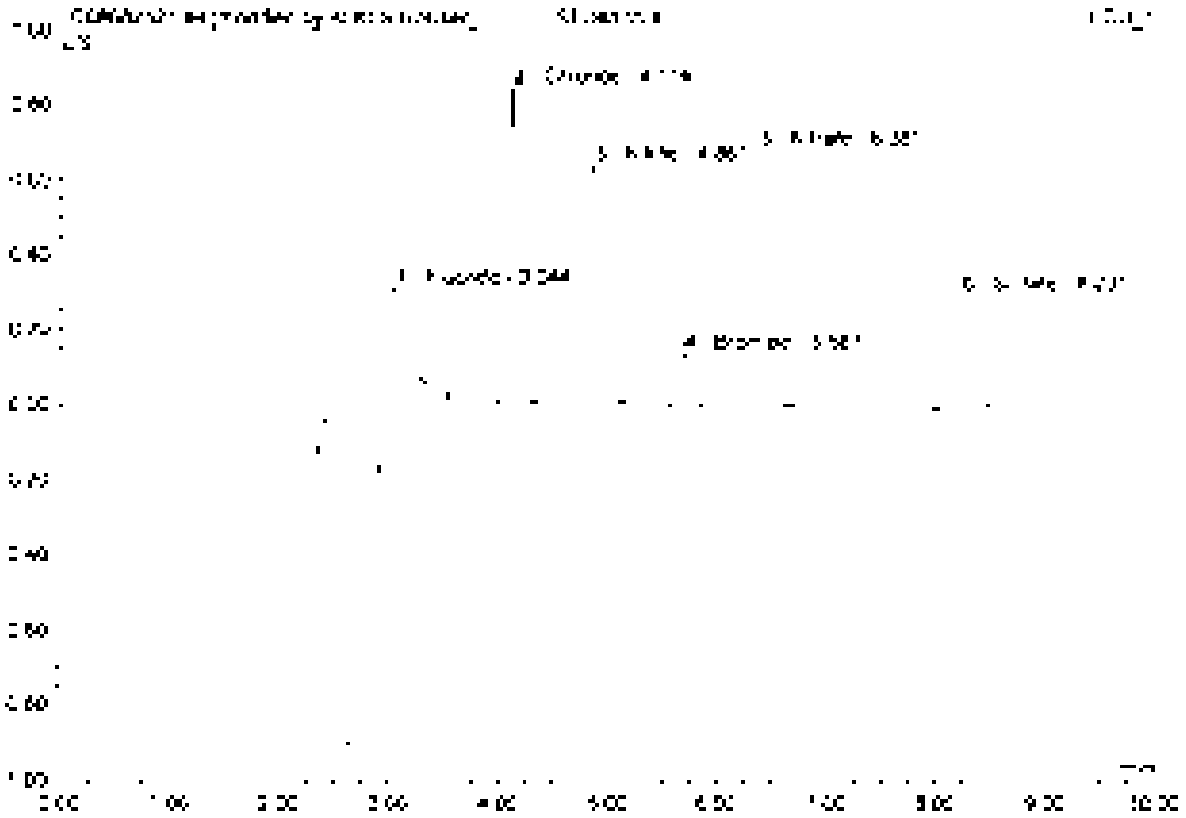


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.05	Fluoride	0.160	0.041	23.05	0.183	BV[illegible]
2	4.12	Chloride	0.340	0.033	18.21	0.175	BV[illegible]
3	4.86	Nitrite	0.252	0.033	18.43	0.097	BMB
4	5.59	Bromide	0.001	0.008	4.40	0.107	BV[illegible]
5	6.38	Nitrate	0.279	0.040	22.64	0.092	BV[illegible]
6	8.22	Sulfate	0.1[illegible]	0.024	13.28	0.155	BV[illegible]
Total:			1.234	0.176	100.00	0.837	

4 STD4/LVL4

21-GEN-02-53F

Sample Name	STD4/LVL4	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	0/25/2021 14:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

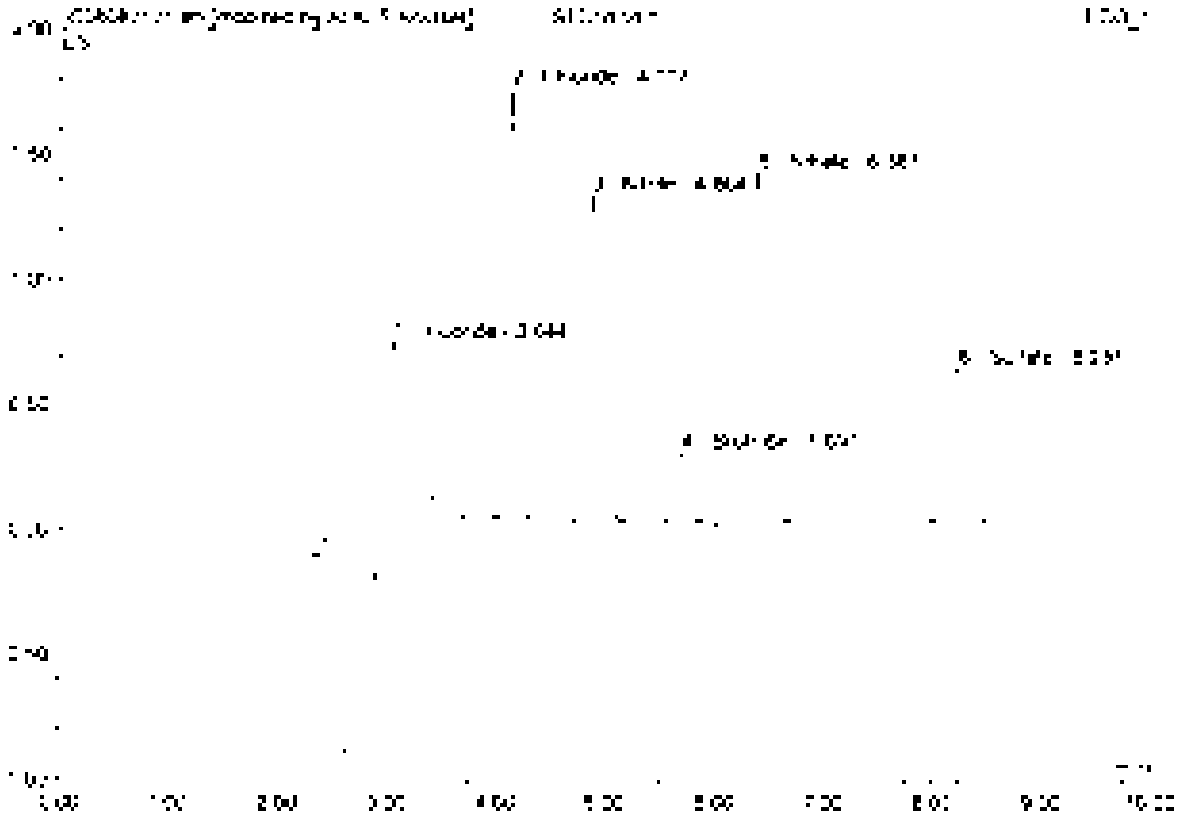


No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	0.446	0.107	23.86	0.675	BMB*
2	4.11	Chloride	0.841	0.080	17.99	0.641	BMB*
3	4.86	Nitrite	0.635	0.082	18.25	0.229	BMB
4	5.69	Bromide	0.144	0.079	8.22	0.255	BMB
5	6.38	Nitrate	0.690	0.100	22.47	0.227	BMB
6	8.23	Sulfate	0.304	0.059	13.21	0.460	BMB
Total:			3.064	0.447	100.00	2.086	

5 STD5/LVL5

21-GEN-02-53G

Sample Name	STD5/LVL5	Injection Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	8/23/2021 14:30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

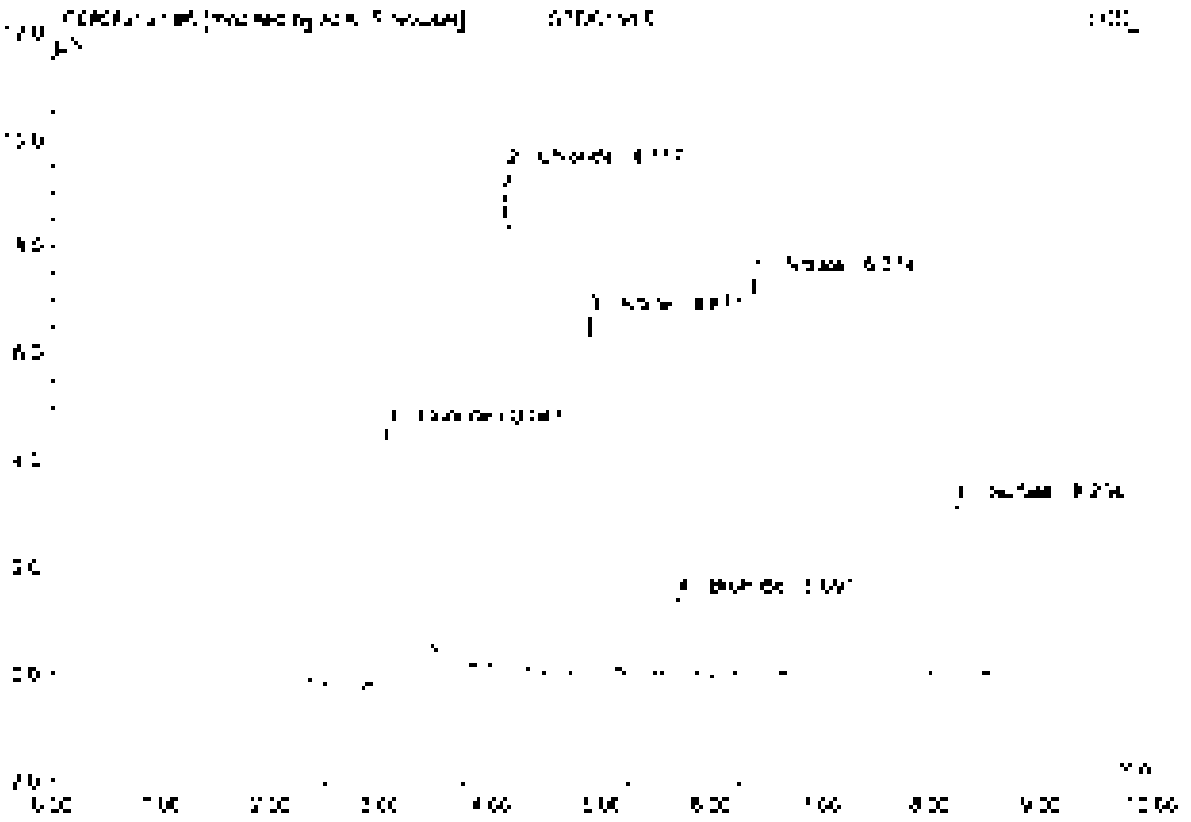


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	0.901	0.235	25.35	1.048	BMBT
2	4.12	Chloride	1.724	0.154	17.05	0.838	BMBT
3	4.85	Nitrite	1.303	0.157	16.92	0.469	BMB
4	5.65	Bromide	0.280	0.037	3.97	0.500	BMB
5	5.38	Nitrate	1.401	0.203	21.84	0.459	BMB
6	8.21	Sulfate	0.618	0.172	18.47	0.942	BMB
Total:			6.230	0.929	100.00	4.326	

6 STD6/LVL6

21-GEN-02-53H

Sample Name	STD6/LVL6	Injection Volume	75.0
Vial Number	6	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	[illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

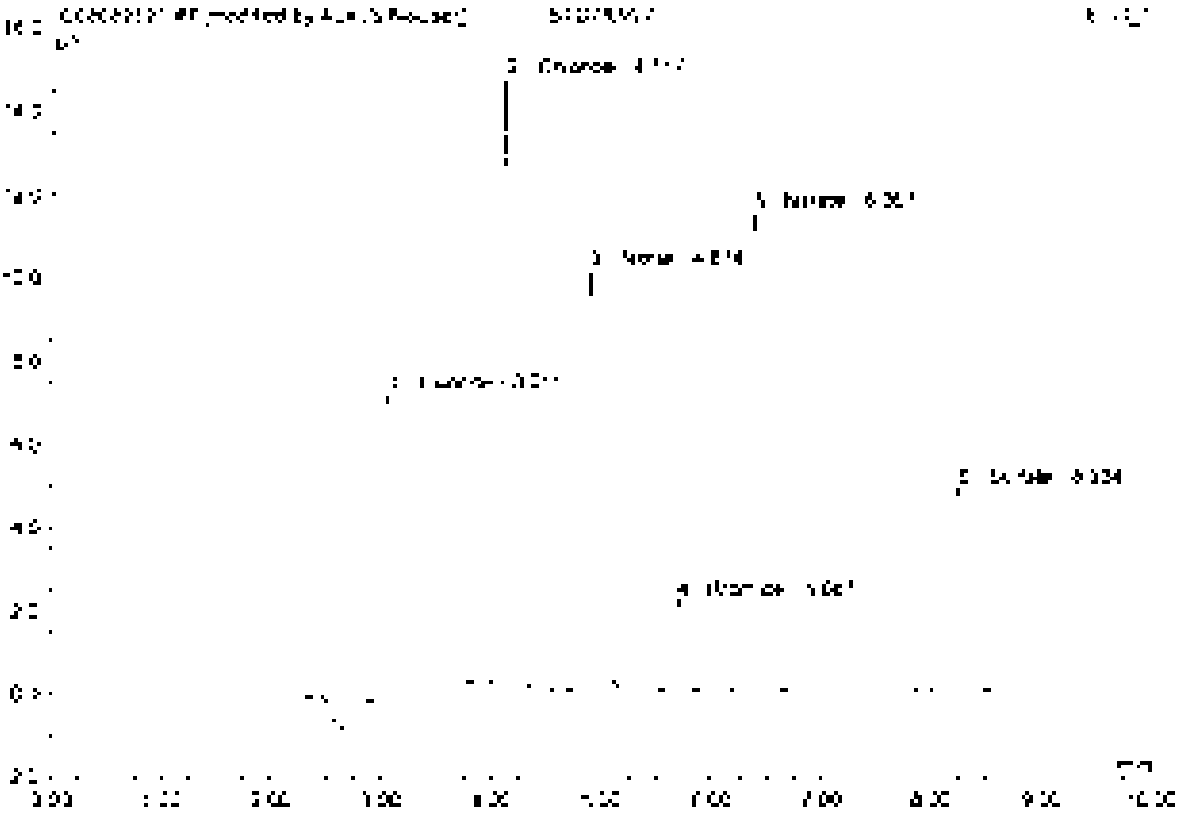


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.65	Fluoride	4.791	1.125	23.72	5.007	BMB*
2	4.12	Chloride	5.349	0.874	18.43	4.780	BMB*
3	4.87	Nitrite	6.659	0.871	18.36	2.438	BMB
4	5.69	Bromide	1.635	0.183	3.86	2.479	BMB
5	6.37	Nitrate	7.617	1.061	22.38	2.482	BMB
6	8.23	Sulfate	3.238	0.605	12.75	4.891	BMB
Total:			32.856	4.724	100.00	22.006	

7 STD7/LVL7

21-GEN-02-531

Sample Name	STD7/LVL7	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	8/25/2021 15:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

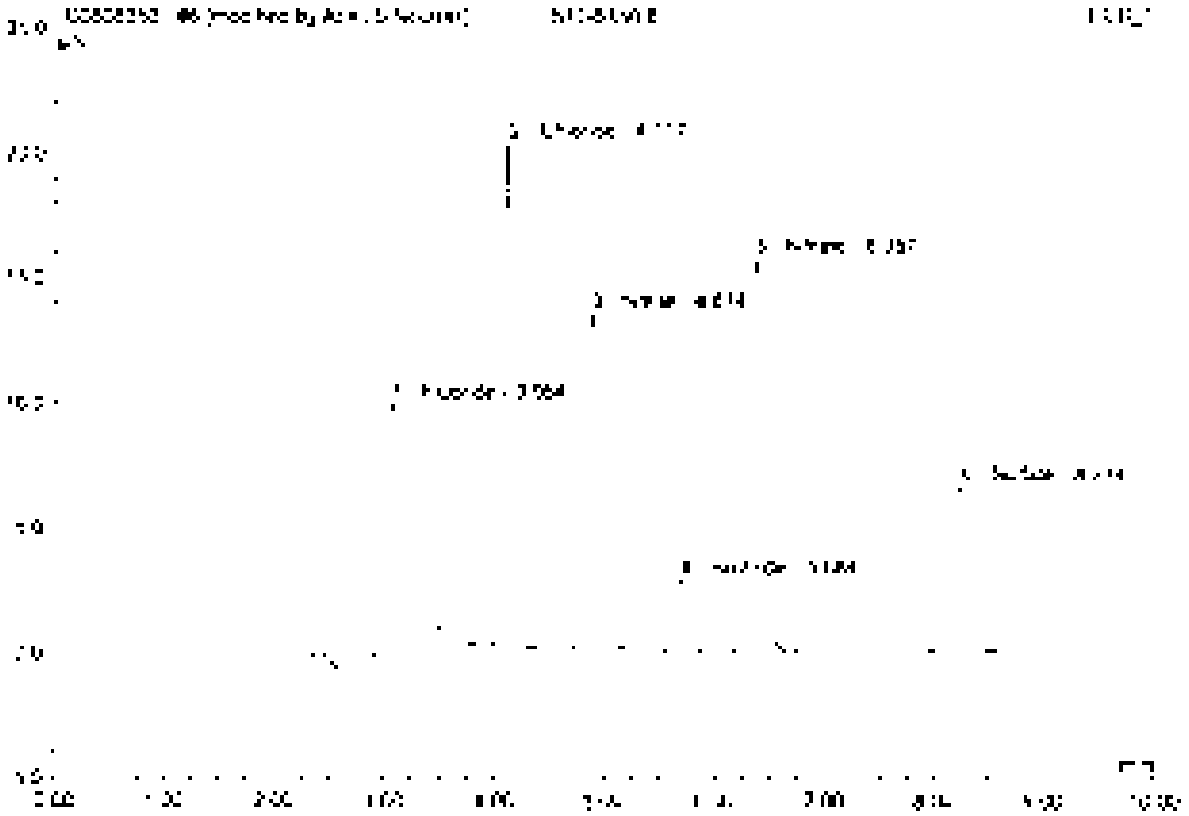


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.35	Fluoride	7.335	1.669	23.10	7.423	BV07
2	4.13	Chloride	14.551	1.354	18.75	7.419	BV07
3	4.87	Nitrite	16.275	1.379	19.40	3.721	BV9
4	5.69	Bromide	7.172	0.275	3.81	3.735	BV9
5	6.34	Nitrate	11.509	1.639	22.69	3.715	BV9
6	8.20	Sulfate	4.908	0.958	13.25	7.455	BV9
Total:			60.581	7.224	100.00	33.459	

8 STD8/LVL8

21-GEN-02-53J

Sample Name	STD8/LVL8	Injection Volume	25.0
Vial Number	8	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	5/25/2021 15:26	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

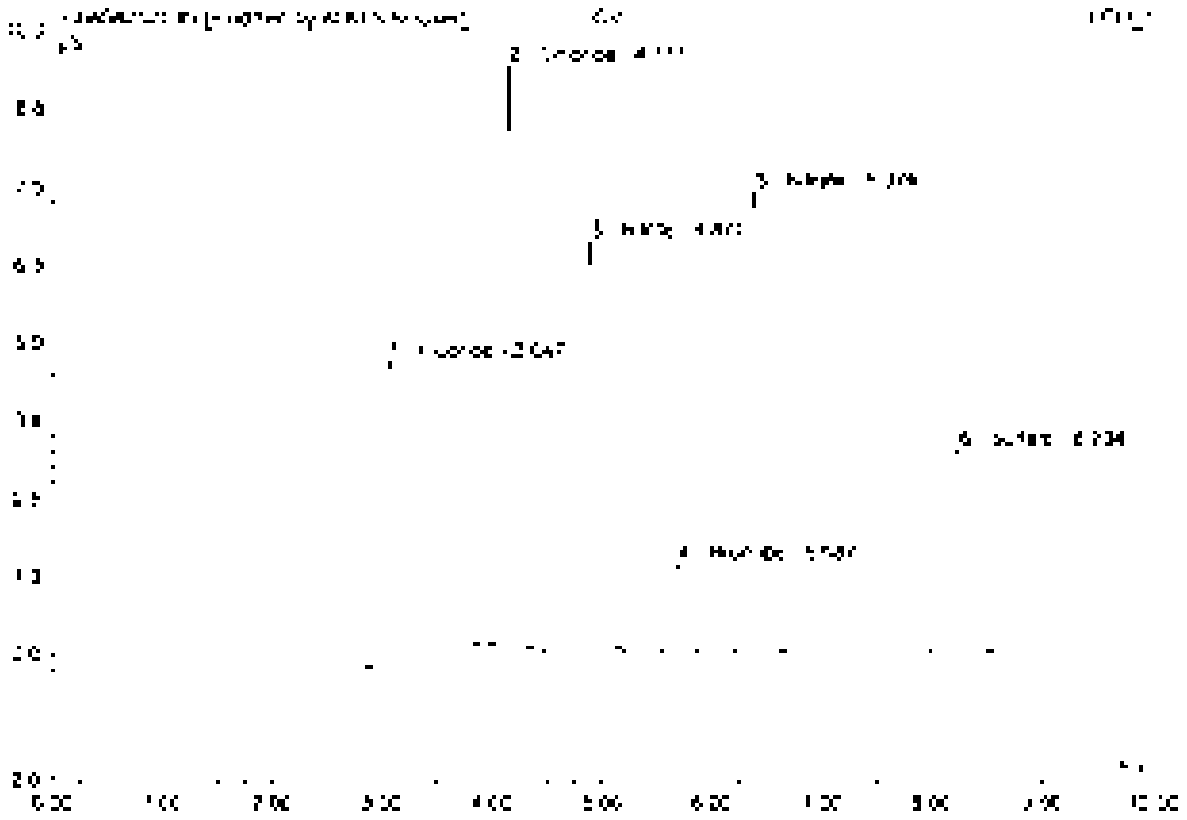


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.35	Fluoride	10.351	2.260	22.97	10.052	BV B*
2	4.12	Chloride	20.700	1.859	18.89	10.180	BV B*
3	4.97	Nitrite	13.435	1.505	15.36	5.057	BV B
4	5.64	Bromide	2.925	0.371	3.77	5.023	BV B
5	6.36	Nitrate	15.774	2.247	22.84	5.055	BV B
6	8.70	Sulfate	6.874	1.297	13.18	10.396	BV B
Total:			69.108	9.839	100.00	45.493	

9 ICV

21-GEN-02-53K

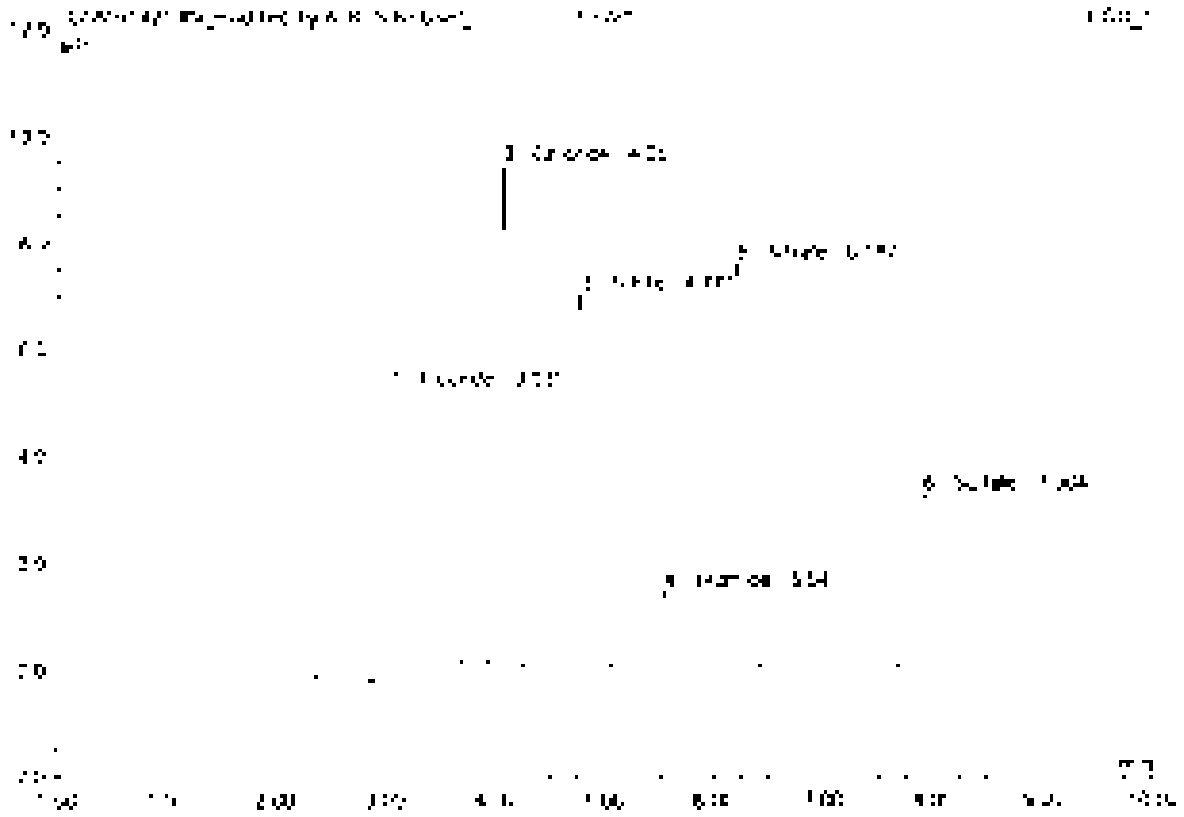
Sample Name	ICV	Injection Volume	25.0
Vial Number	60	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Count Method	apa300	Dilution Factor	1.0000
Recording Time	8/25/2021 16:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.05	Fluoride	4.833	1.[illegible]	23.56	5.022	BMB*
2	4.12	Chloride	9.259	0.87[illegible]	18.36	4.772	BMB*
3	4.87	Nitrite	6.575	0.855	18.12	2.402	BMB
4	5.69	Bromide	1.422	0.18[illegible]	3.81	2.457	BMB
5	6.37	Nitrate	7.091	1.057	22.32	2.093	BMB
6	8.23	Sulfate	3.253	0.637	13.45	4.962	BMB
Total:			32.773	4.739	100.00	22.072	

9 CCV1

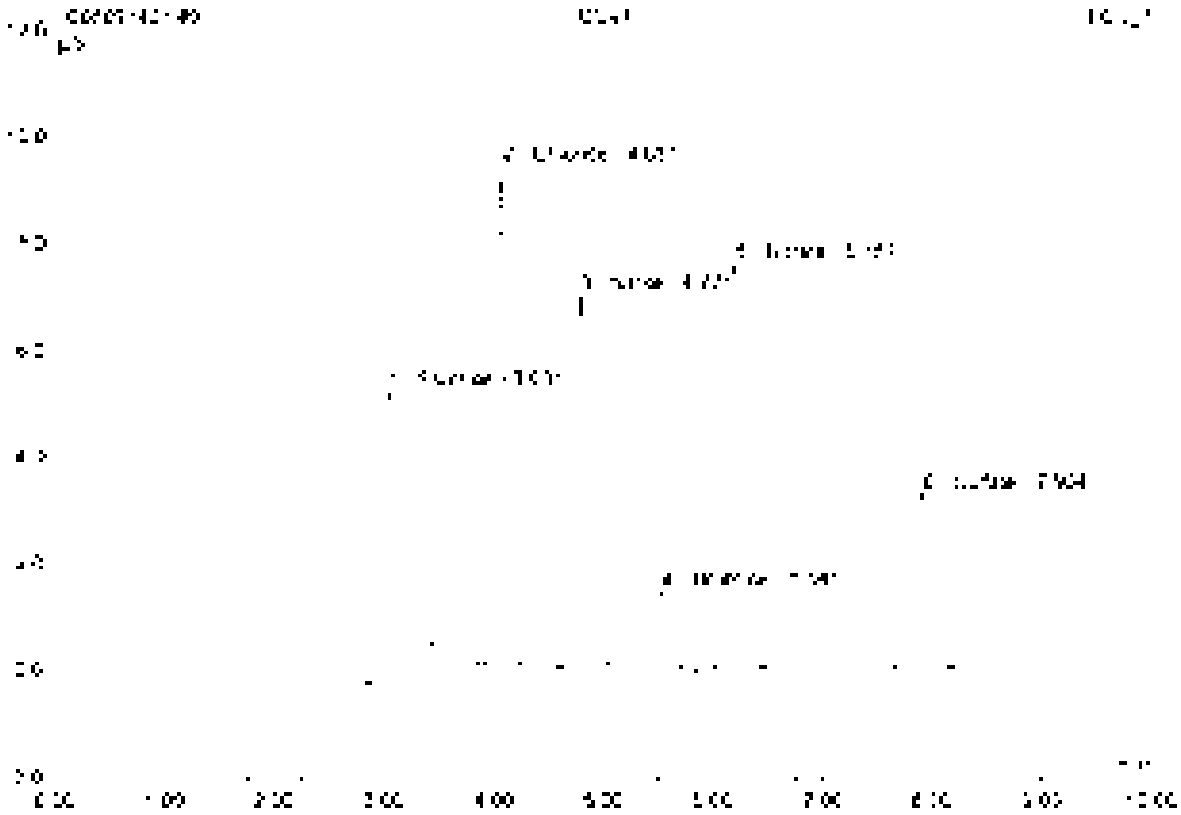
Sample Name	CCV1	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n/a
Control Program	epa300	Bandwidth	n/a
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/14/2021 11:52	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	5.390	1.133	23.82	5.038	BV01
2	4.05	Chloride	9.061	0.657	13.80	4.695	BV01
3	4.77	Nitrite	7.013	0.917	19.29	2.568	BV01
4	5.54	Bromide	1.465	0.178	3.75	2.415	BV08
5	6.19	Nitrate	7.351	1.045	22.00	2.373	BV09
6	7.90	Sulfate	1.281	0.620	13.04	4.828	BV01
Total:			34.097	4.754	100.00	21.917	

9 CCV1

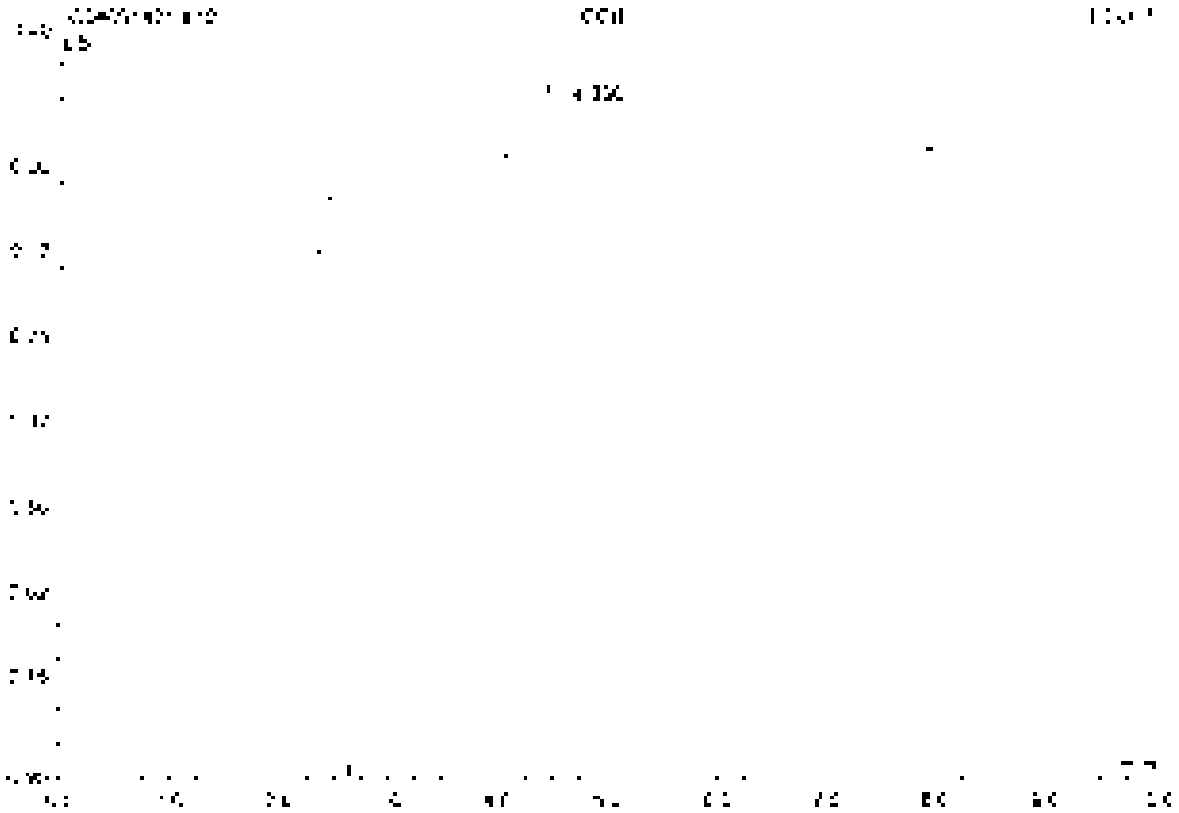
Sample Name	CCV1	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	1.0000
Processing Time	9/14/2021 11:52	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	3.03	Fluoride	5.433	[illegible]	25.26	5.471	BMB
2	4.05	Chloride	5.357	0.856	17.73	4.586	BMB
3	4.77	Nitrite	5.998	0.303	18.72	2.525	BMB
4	5.54	Bromide	1.455	0.115	3.70	2.416	BMB
5	6.19	Nitrate	7.521	1.349	27.74	2.370	BMB
6	7.30	Sulfate	3.287	0.620	12.85	4.278	BMB
Total:			34.113	4.825	100.00	22.242	

10 CCB1

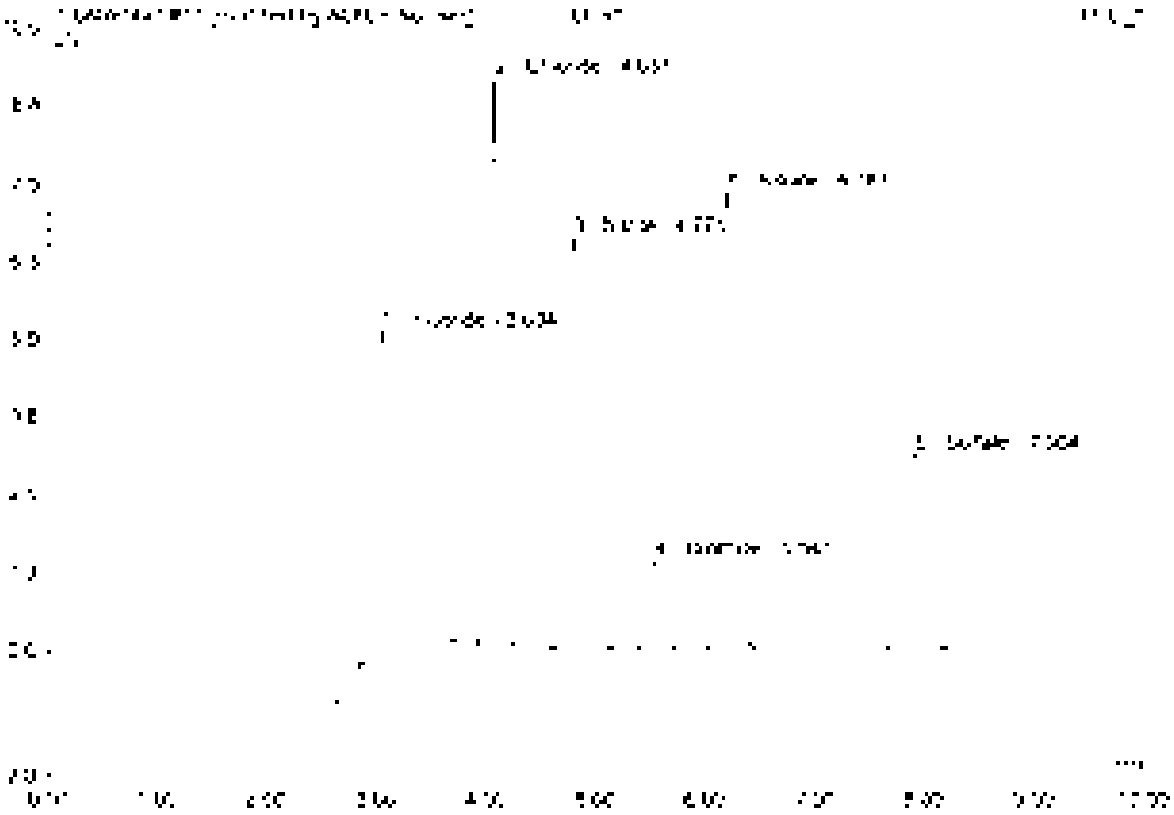
Sample Name	CCB1	Injection Volume	250
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Calibrat. Factor	1.0000
Recording Time	[illegible] 13:00	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	[illegible]	[illegible]	[illegible]	100.00	[illegible]	BV[illegible]
Total:			[illegible]	[illegible]	100.00	0.000	

11 LCS1

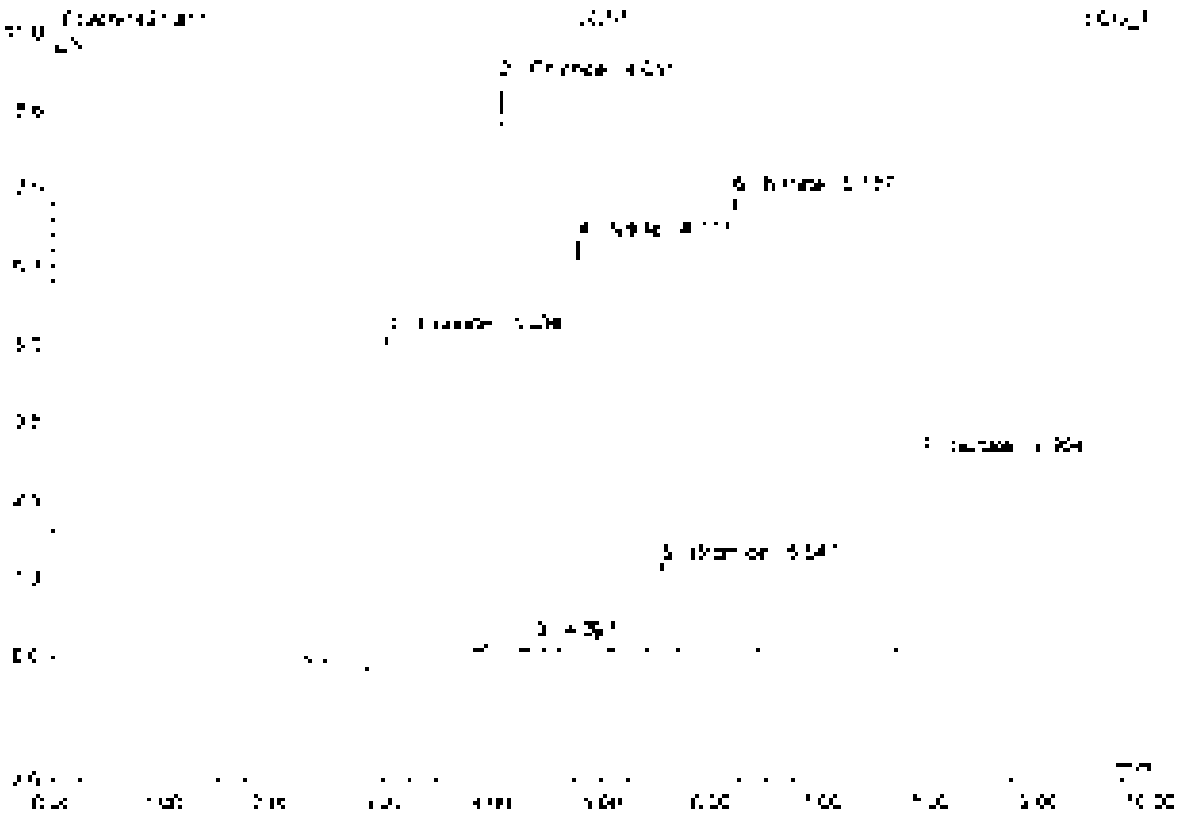
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Curve Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/14/2021 12:15	Sample Weight	1.0000
Run Time (min)	30.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	5.302	1.134	24.52	5.045	BMB*
2	4.05	Chloride	9.108	0.831	18.05	4.560	BMB*
3	4.77	Nitrite	6.607	0.660	18.34	2.417	BMB*
4	5.54	Bromide	1.427	0.174	3.77	2.053	BMB
5	6.19	Nitrate	7.338	1.013	21.99	2.252	BMB
6	7.40	Sulfate	3.735	0.550	12.50	4.550	BMB
Total:			33.511	4.605	100.00	25.257	

11 LCS1

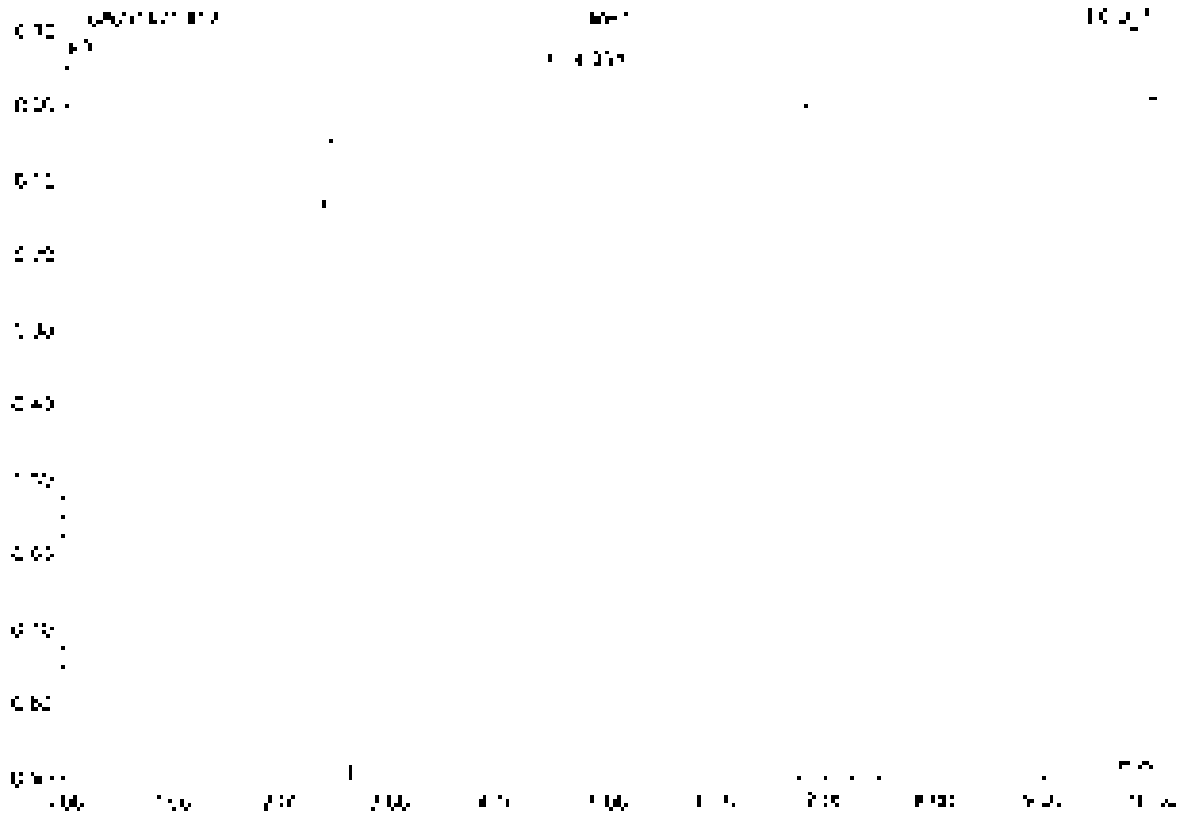
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	9/14/2021 12:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.01	Fluoride	4.027	1.794	25.57	5.310	BMB
2	4.05	Chloride	9.107	0.812	17.81	4.556	BVH
3	4.39	n.a.	0.155	0.015	0.35	n.a.	BVB
4	4.77	Nitrite	6.392	0.853	15.21	2.379	BVB
5	5.54	Bromide	1.421	0.174	3.72	2.351	BVB
6	6.19	Nitrate	7.338	1.513	21.70	2.342	BVB
7	7.90	Sulfate	3.135	0.590	12.63	4.590	BVB
Total:			33.084	4.956	100.00	21.482	

12 MB1

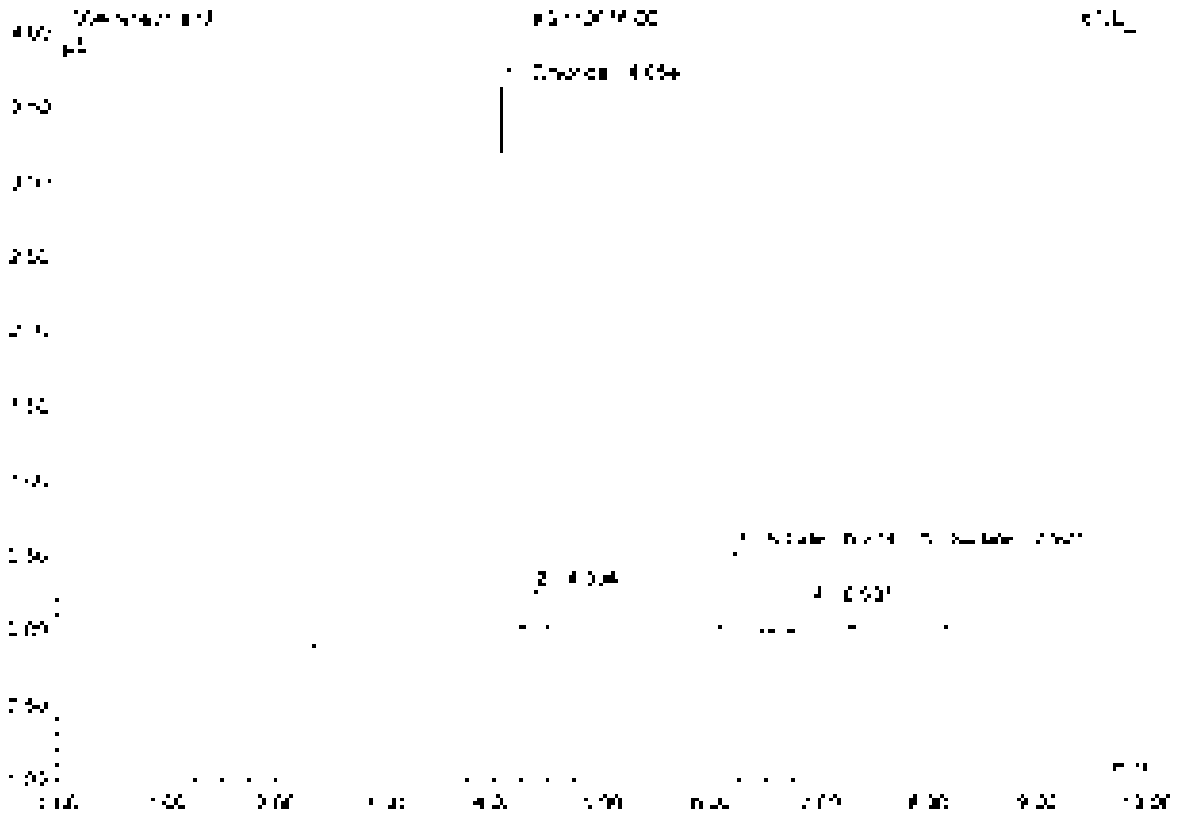
Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	1.0000
Recording Time	8/14/2021 12:26	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.39	n.a.	0.728	3.145	100.00	n.a.	BMB
Total:			0.728	3.145	100.00	0.000	

13 K2110638-001

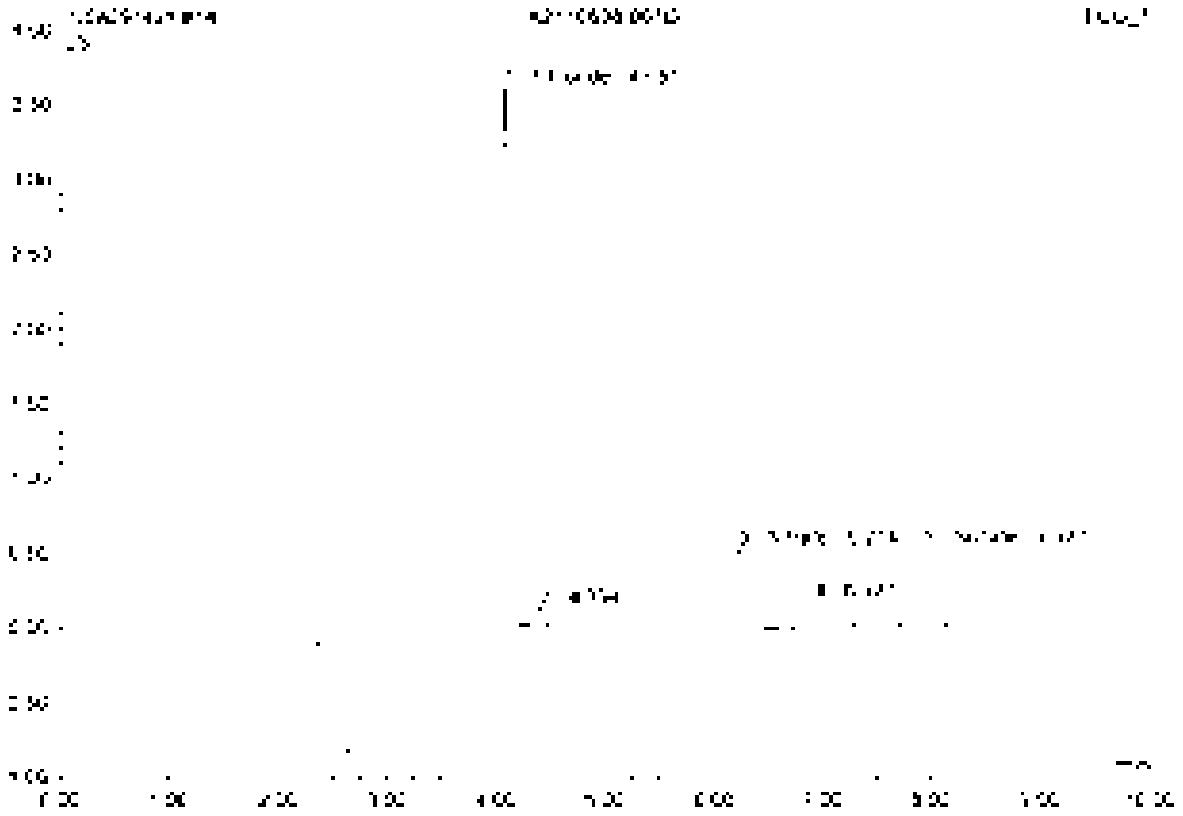
Sample Name	K2110638-001	Injection Volume	35.0
Vial Number	3	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Processing Time	9/14/2021 14:04	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.35	Chloride	3.842	0.379	58.84	[illegible]	BMB
2	4.39	n.a.	0.249	0.027	4.64	n.a.	BMB
3	5.21	Nitrate	0.528	0.078	13.45	0.265	BMB
4	6.91	n.a.	0.158	0.042	7.25	n.a.	BMB
5	7.42	Sulfate	0.518	0.094	16.24	0.459	BMB
Total:			5.103	0.581	100.00	0.635	

14 K2110638-001D

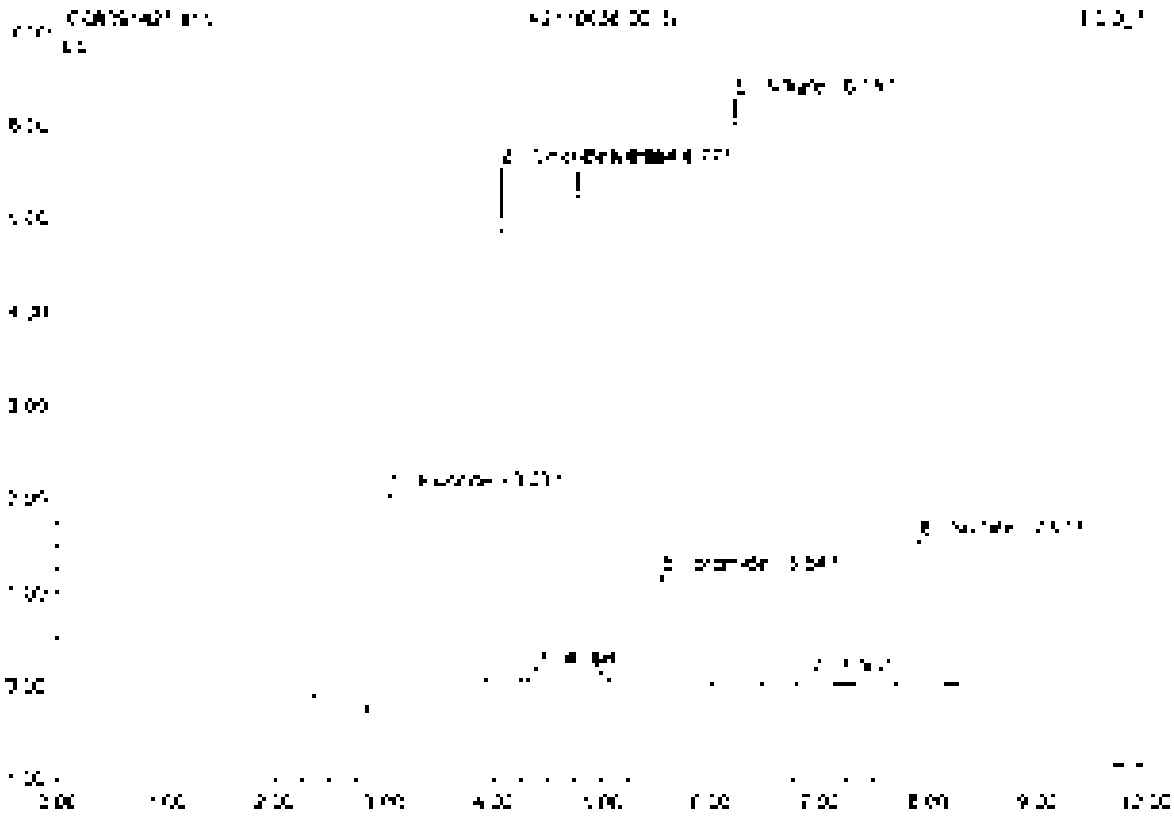
Sample Name	K2110638-001D	Injection Volume	25.0
Vial Number	8	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	2.0000
Processing Time	5/14/2021 14:16	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.607	0.336	59.51	0.594	DMB
2	4.29	n.a.	0.123	0.012	2.17	n.a.	BMB
3	6.21	Nitrate	0.326	0.070	12.50	0.355	BMB
4	6.50	n.a.	0.170	0.043	7.70	n.a.	BMB
5	7.90	Sulfate	0.516	0.095	16.73	1.472	BMB
Total:			1.941	0.565	100.00	2.421	

15 K2110638-001S

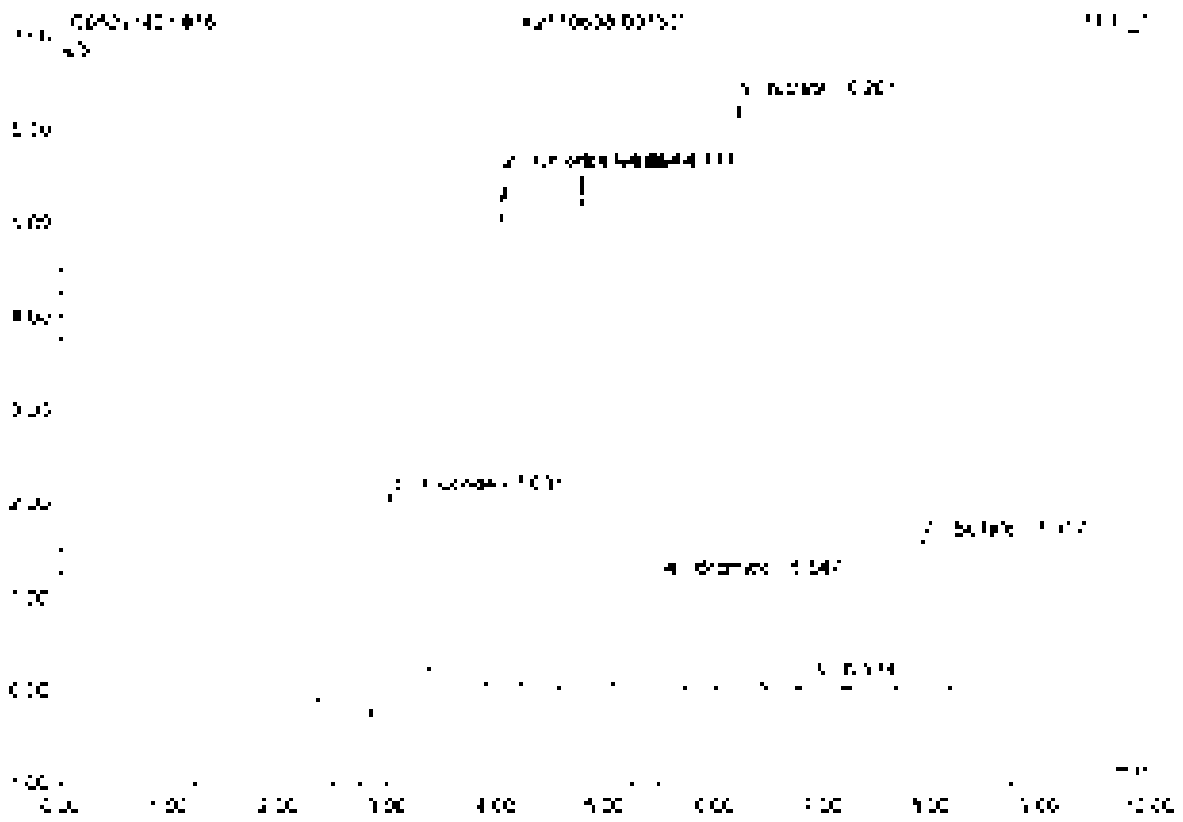
Sample Name	K2110638-001S	Injection Volume	35.0
Vial Number	6	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	4.0000
Recording Time	01/4/2021 14:27	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.30	Fluoride	2.311	0.363	17.57	10.012	BV0
2	4.05	Chloride	5.307	0.508	16.21	11.122	BV0
3	4.35	n.a.	0.152	0.015	0.46	n.a.	BV0
4	4.77	Nitrite	1.498	0.726	22.16	7.510	BV0
5	5.56	Bromide	1.175	0.145	4.66	7.515	BV0
6	5.20	Nitrate	6.270	0.879	26.87	7.954	BV0
7	6.53	n.a.	0.089	0.023	0.75	n.a.	BV0
8	7.57	Sulfate	1.561	0.200	6.78	5.045	BV0
Total:			22.564	3.131	100.00	53.358	

16 K2110638-001SD

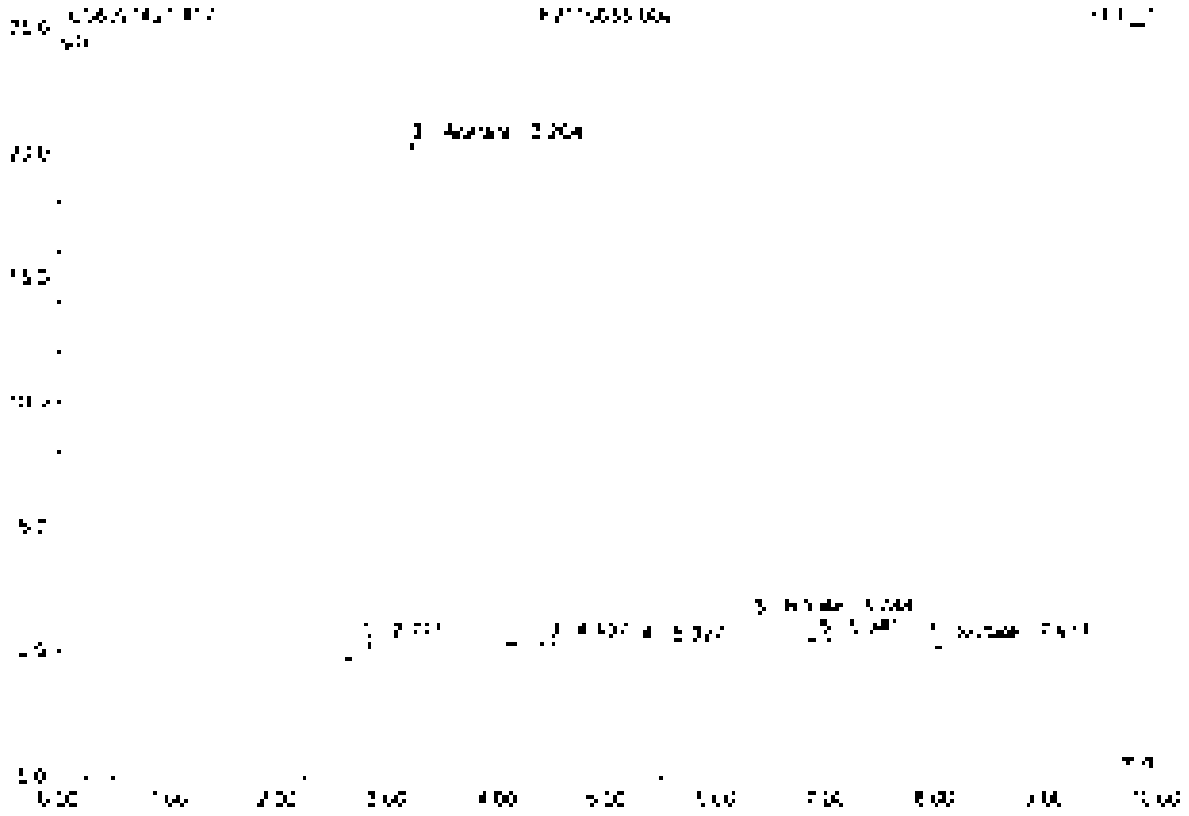
Sample Name	K2110638-001SD	Injection Volume	25.0
Vial Number	4	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Suppressor	n.a.
Quantit. Method	epa300	Dilution Factor	4.0000
Processing Time	9/sep2021 14:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.00	Fluoride	2.017	0.563	12.02	[illegible]	BVB
2	4.05	Chloride	5.485	0.608	16.25	[illegible]	BMB
3	4.77	Nitrite	5.503	0.707	22.53	[illegible]	BVB
4	5.55	Bromide	1.173	0.145	4.65	[illegible]	BVB
5	6.20	Nitrate	6.251	0.880	28.18	[illegible]	BVB
6	6.93	n.a.	0.296	0.025	0.79	[illegible]	BVB
7	7.92	Sulfate	1.599	0.396	9.43	[illegible]	BMB
Total:			22.457	3.123	100.00	[illegible]	

17 K2110655-002

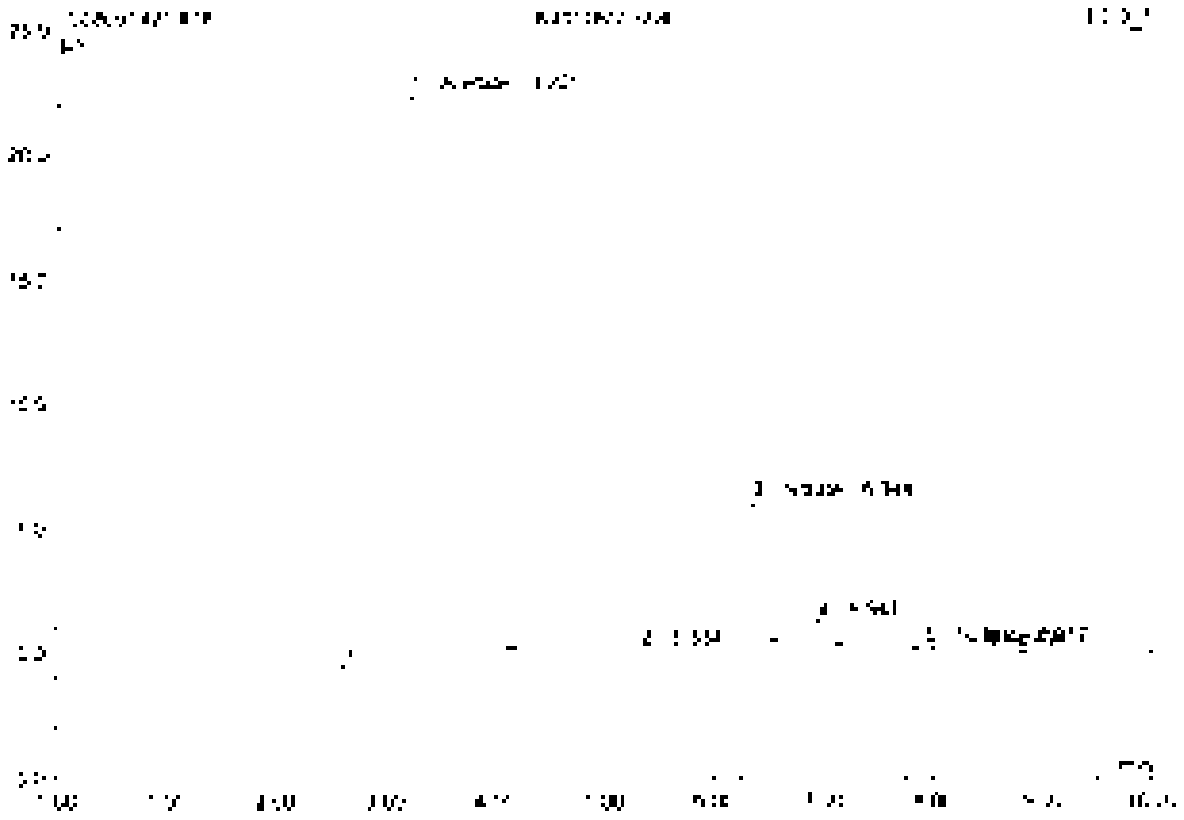
Sample Name	K2110655-002	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Method Program	epa300	Bandwidth	n.a.
Column Method	epa300	Dilution Factor	5.0000
Recording Time	9/14/2021 14:51	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.77	n.a.	0.432	0.058	0.70	n.a.	BMB
2	3.20	Acetate	20.175	7.915	96.43	n.a.	BMB
3	4.46	n.a.	0.152	0.017	0.21	n.a.	BVB
4	5.13	n.a.	0.071	0.010	0.13	n.a.	BMB
5	6.34	Nitrate	0.965	0.144	1.76	1.632	BMB
6	6.94	n.a.	0.106	0.028	0.34	n.a.	BMB
7	7.92	Sulfate	0.780	0.035	0.43	1.206	BMB
Total:			22.136	8.212	100.00	2.008	

18 K2110655-004

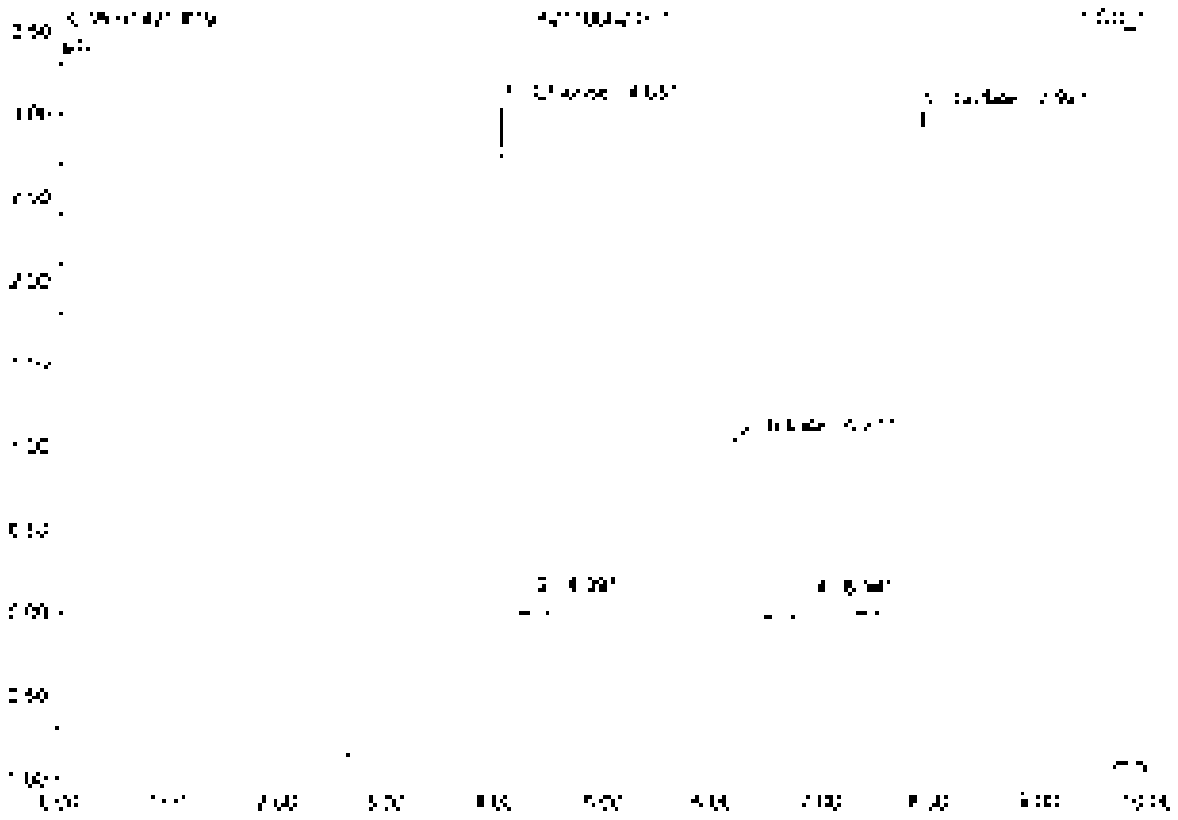
Sample Name	K2110655-004	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Barcode	n.a.
Quant Method	wpa300	Dilution Factor	5.0000
Recording Time	8/14/2021 15:02	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.20	Acetate	22.352	9.339	50.22	n.a.	BMB
2	5.33	n.a.	0.020	0.010	0.06	n.a.	BMB
3	6.34	Nitrate	5.774	0.766	7.40	5.666	BMB
4	6.55	n.a.	0.542	0.159	1.54	n.a.	BMB
5	7.92	Sulfate	0.164	0.031	0.30	1.151	BMB
6	8.49	n.a.	0.065	0.048	0.46	n.a.	BMB
Total:			30.369	10.359	100.00	6.817	

19 K2110662-001

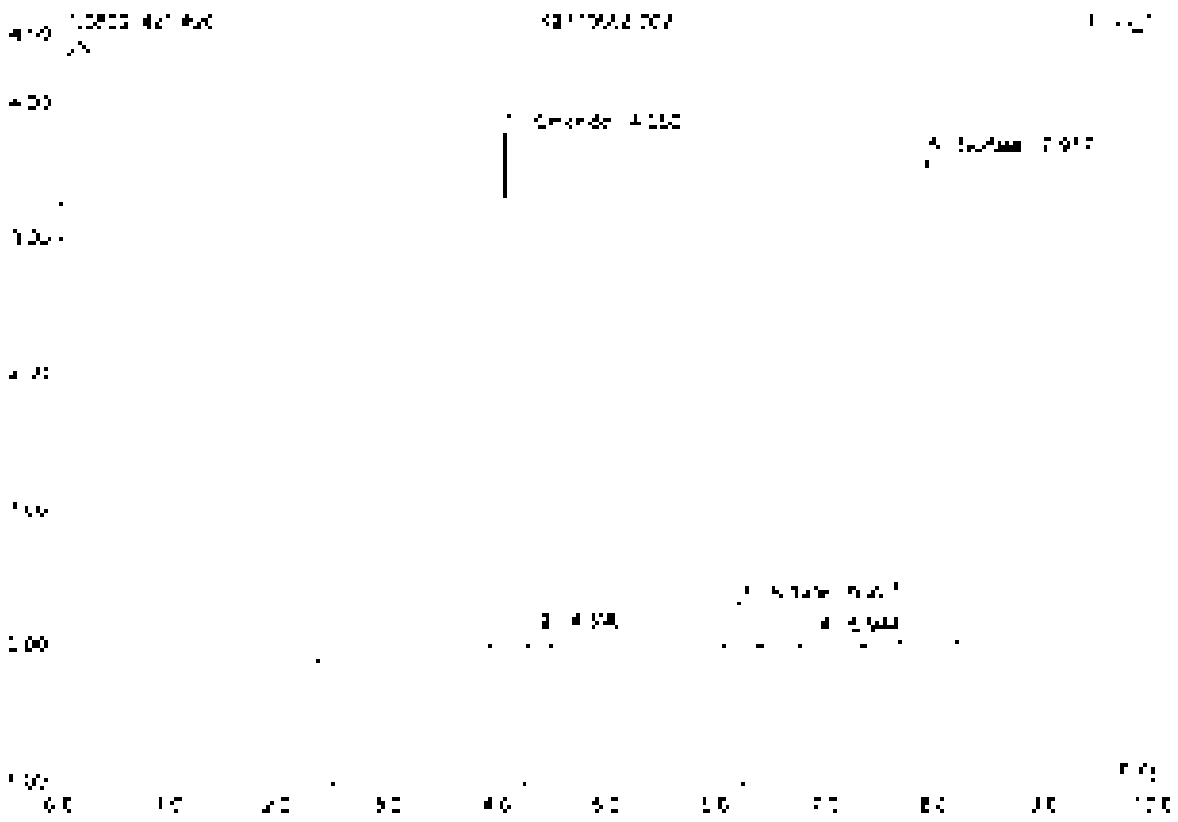
Sample Name	K2110662-001	Injection Volume	25.0
Vial Number	9	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	9/14/2021 15:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	3.072	5.257	27.37	3.146	BV*
2	4.39	n.a.	0.106	0.211	1.04	n.a.	BV0
3	6.21	Nitrate	1.042	0.152	16.44	0.733	BMB
4	6.94	n.a.	0.174	0.330	3.46	n.a.	BMB
5	7.82	Sulfate	3.015	9.553	52.70	8.609	BMB
Total:			7.389	19.549	100.00	12.488	

20 K2110662-002

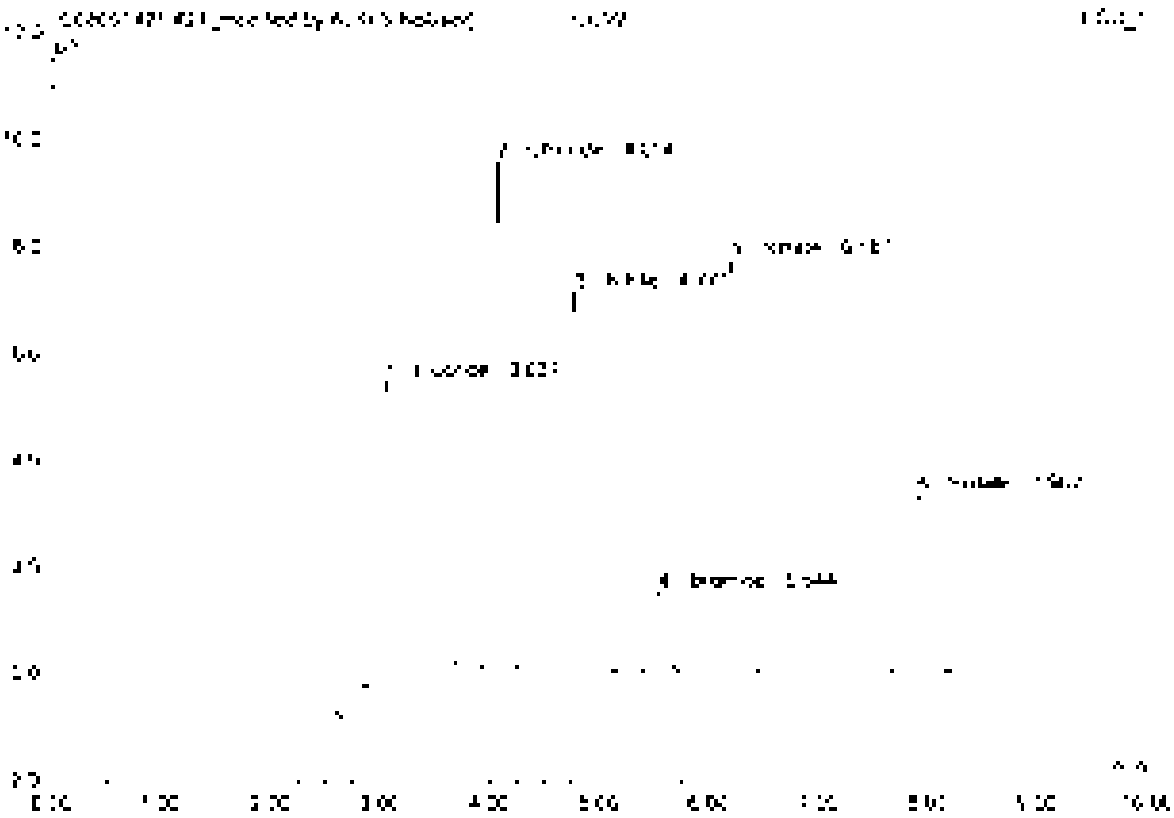
Sample Name	K2110662-002	Injection Volume	25.0
Vial Number	10	Column	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	2.0000
Recording Time	9/14/2021 15:25	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	3.732	0.352	21.97	3.855	BMB
2	4.39	n.a.	0.105	0.041	1.31	n.a.	BMB
3	6.21	Nitrate	0.320	0.090	5.57	0.228	BMB
4	6.94	n.a.	0.029	0.029	2.63	n.a.	BMB
5	7.92	Sulfate	3.550	0.655	39.93	10.256	BMB
Total:			7.806	1.167	100.00	14.339	

21 CCV2

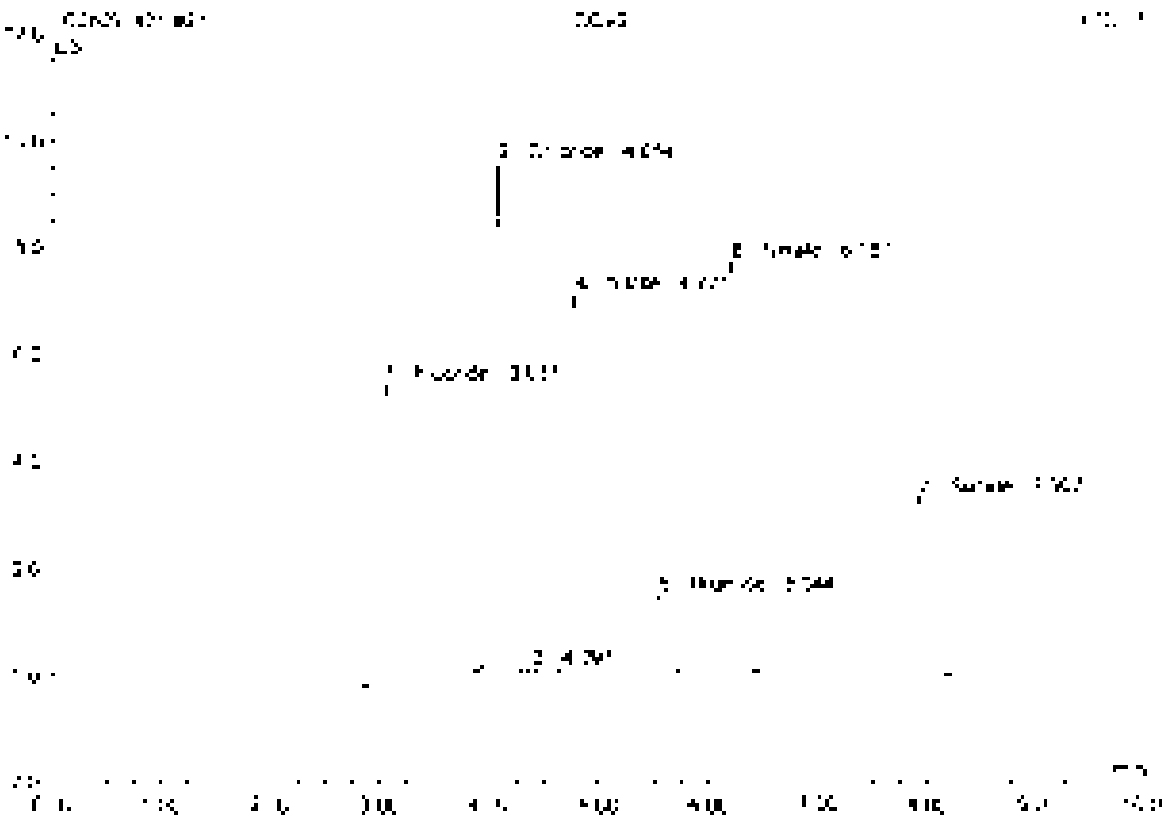
Sample Name	CCV2	Injection Volume	25.0
Inj Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/14/2021 15:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	5.628	1.202	24.72	5.348	BMB*
2	4.05	Chloride	3.458	0.867	17.83	4.751	BMB*
3	4.77	Nitrite	2.092	0.926	19.04	2.694	BMB*
4	5.54	Bromide	1.472	0.180	3.69	2.435	BMB
5	6.19	Nitrate	7.708	1.053	21.65	2.496	BMB
6	7.97	Sulfate	3.222	0.620	12.75	4.871	BMB
Total:			24.729	4.865	100.00	22.496	

21 CCV2

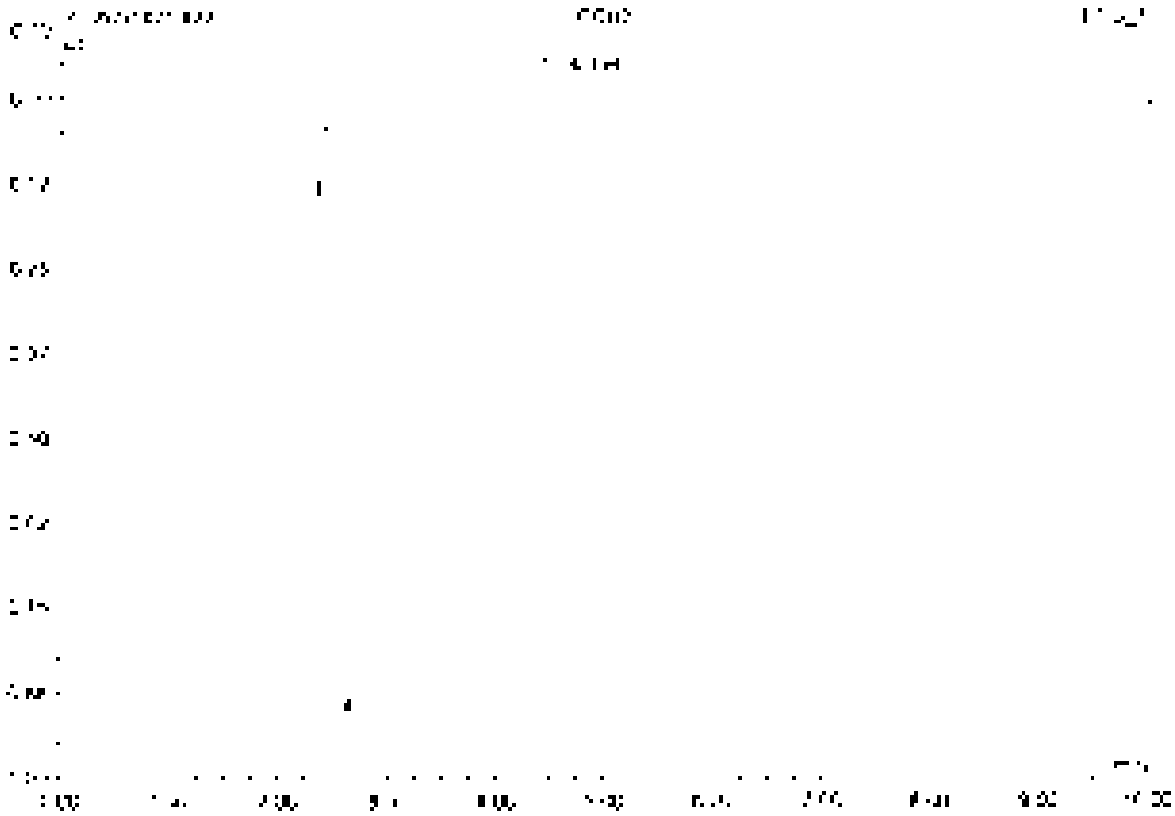
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	LCD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	3/14/2021 15:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total:			34.781	[illegible]	100.00	22.643	

22 CCB2

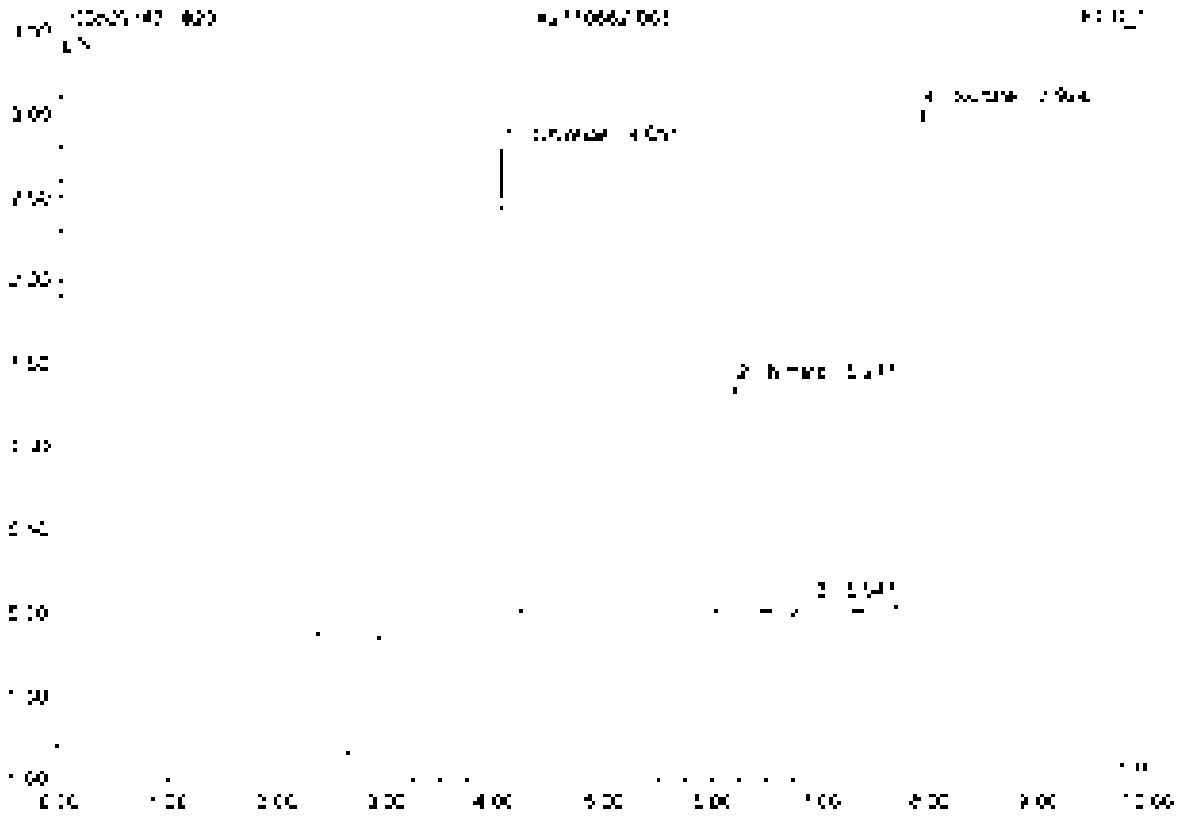
Sample Name	CCB2	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	9/14/2021 10:49	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.39	n.a.	3.123	3.128	100.00	n.a.	BMB
Total:			3.123	3.128	100.00	0.000	

23 K2110662-003

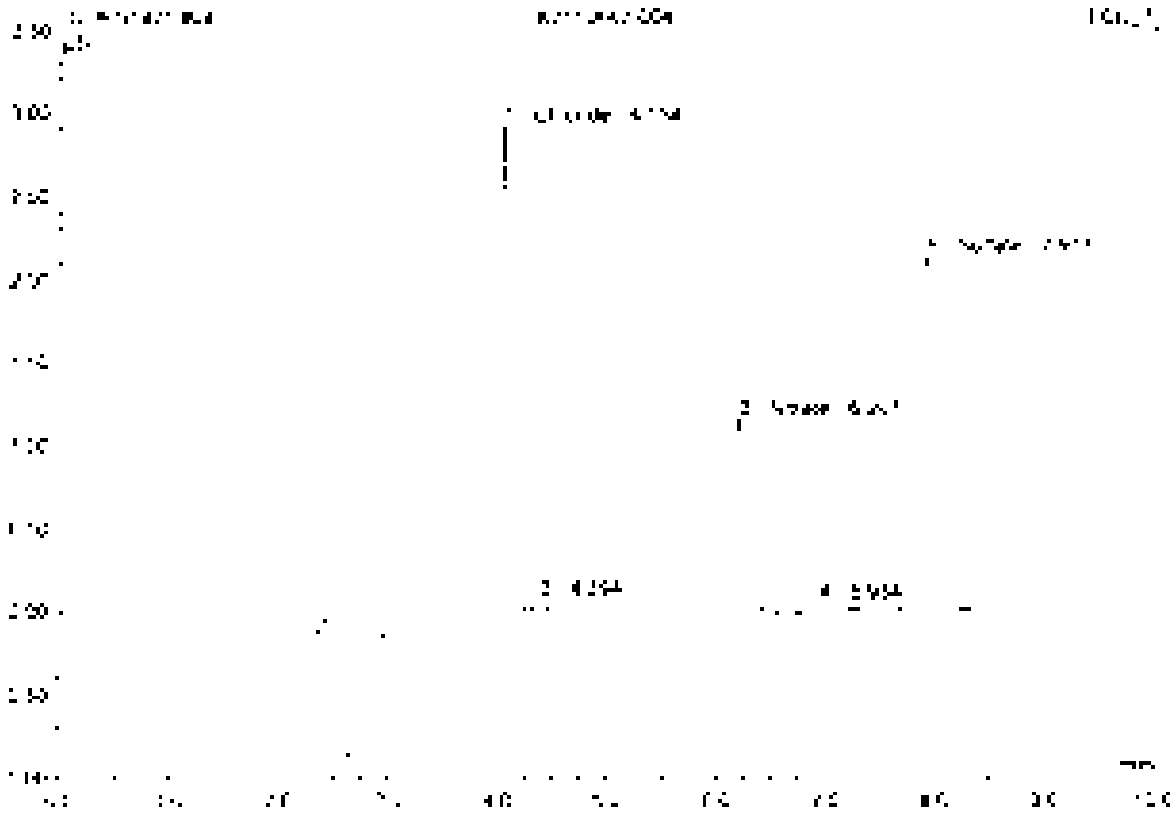
Sample Name	K2110662-003	Injection Volume	25.0
Vial Number	11	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	2.0000
Analysis Time	[illegible]/2021 18:00	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	4.05	Chloride	9.501	0.262	25.17	2.670	BVB
2	6.21	Nitrate	1.375	0.201	15.29	0.905	BVB
3	6.55	n.a.	0.071	0.024	2.35	n.a.	BVB
4	7.92	Sulfate	9.016	0.554	53.19	8.679	BVB
Total:			20.966	1.041	100.00	12.254	

24 K2110662-004

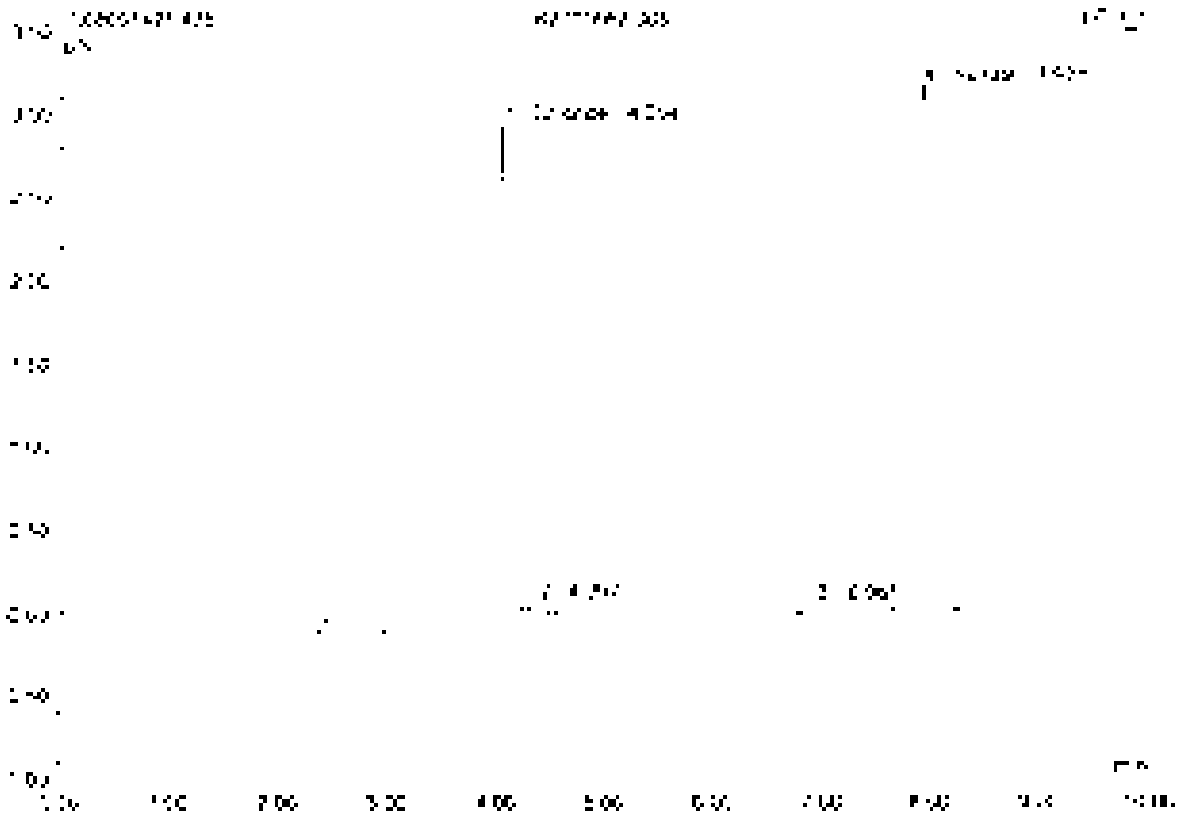
Sample Name	K2110662-004	Injection Volume	25.0
Vial Number	12	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	9/14/2021 10:13	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	2.918	0.272	[illegible]	[illegible]	BMB
2	4.39	n.a.	0.266	0.006	0.75	n.a.	BMB
3	6.21	Nitrate	1.161	0.167	19.46	0.755	BMB
4	6.55	n.a.	0.066	0.015	2.25	n.a.	BMB
5	[illegible]	Sulfate	2.120	0.351	45.53	6.129	BMB
Total:			6.532	0.558	100.00	6.885	

25 K2110662-005

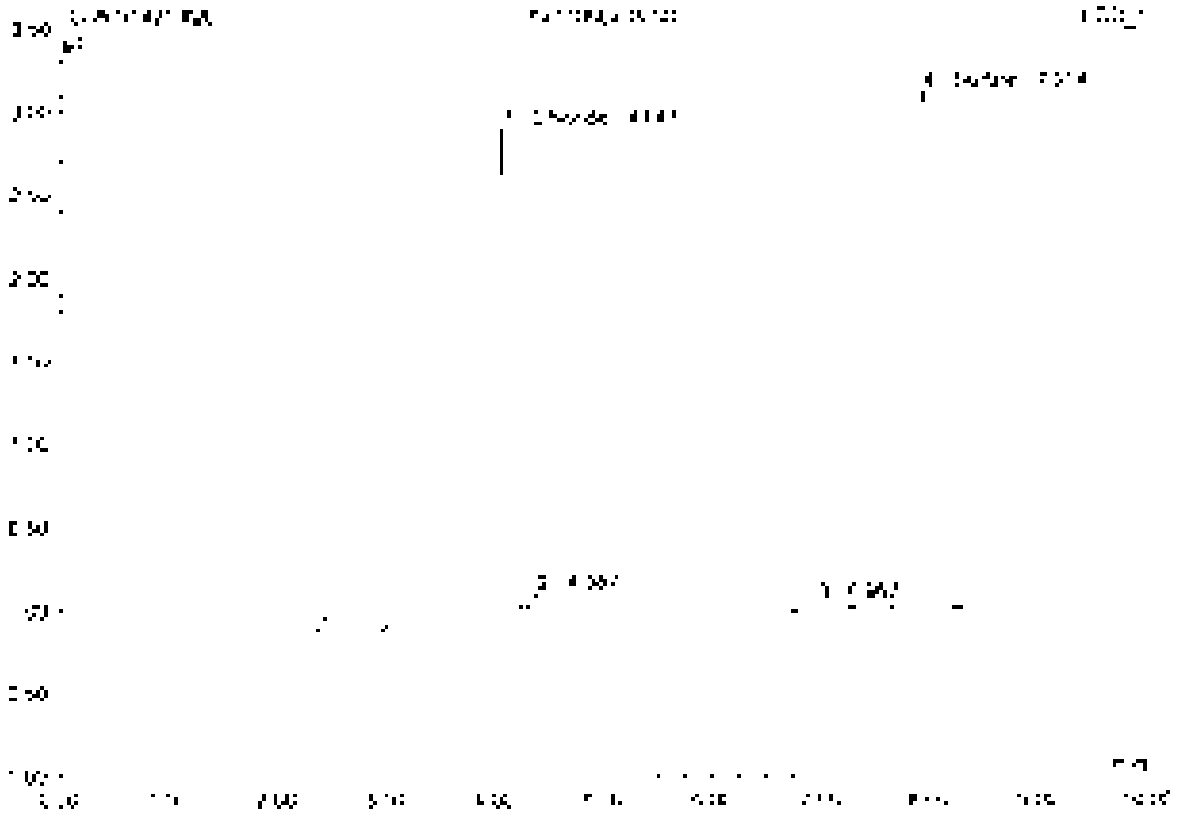
Sample Name	K2110662-005	Injection Volume	25.0
Vial Number	13	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Processing Time	5/14/2021 16:23	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chlorate	2.935	0.274	31.31	3.003	BV E
2	4.40	n.a.	0.061	0.008	0.90	n.a.	M V
3	6.95	n.a.	0.038	0.018	2.08	n.a.	BMB
4	7.92	Sulfate	3.149	0.577	65.91	8.991	MVB
Total:			6.200	0.876	100.00	11.995	

26 K2110662-005D

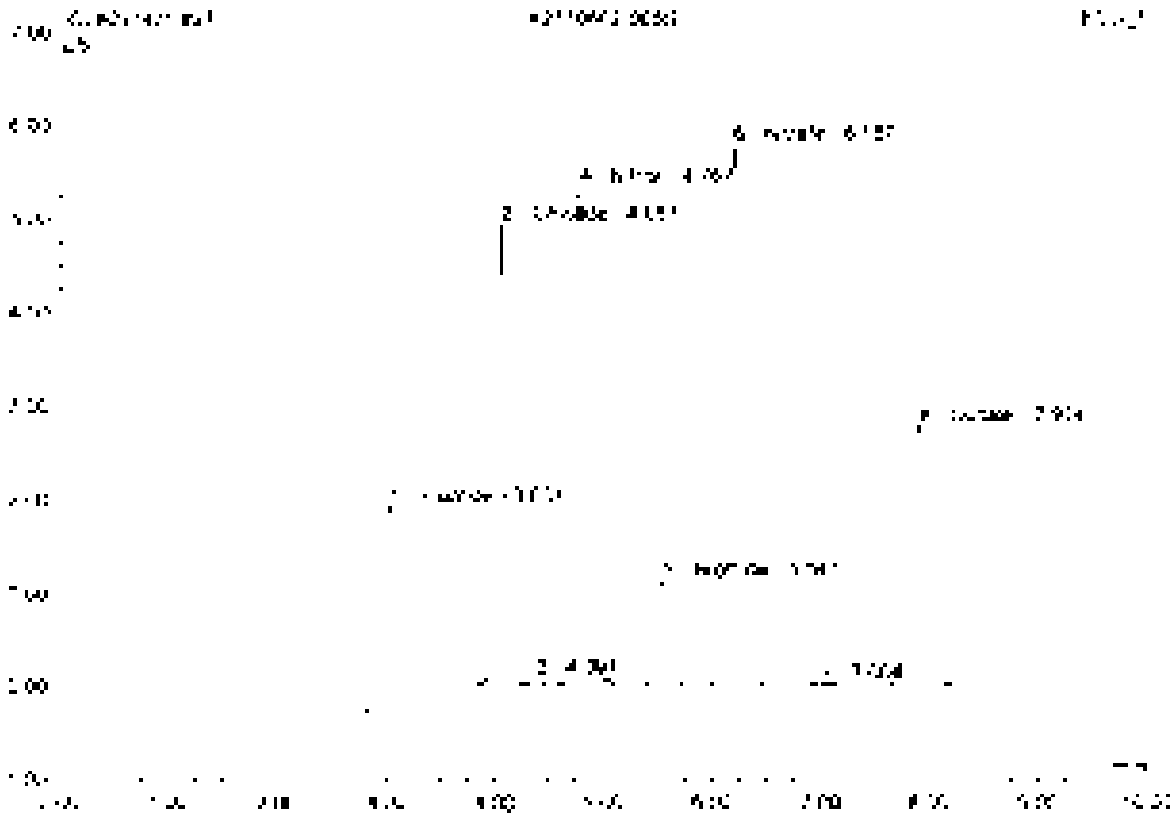
Sample Name	K2110662-005D	Injection Volume	26.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Current Method	apa300	Dilution Factor	2.0000
Recording Time	5/14/2021 16:36	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	2.559	0.270	[illegible]	2.900	BMB
2	4.39	n.a.	0.069	0.010	[illegible]	n.a.	BMD
3	6.97	n.a.	0.052	0.019	2.21	n.a.	BMB
4	7.91	Sulfate	3.109	0.571	65.61	8.958	BMB
Total:			5.789	0.871	100.00	11.858	

27 K2110662-005S

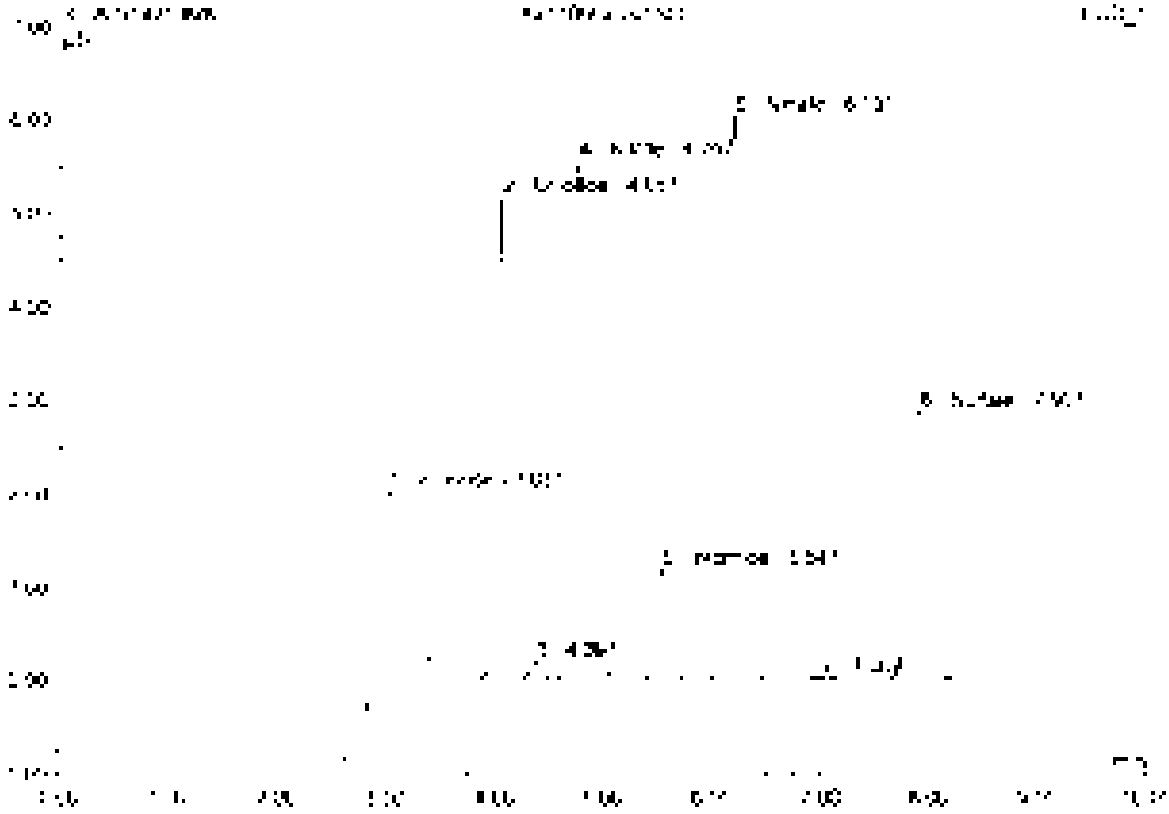
Sample Name	K2110662-005S	Injection Volume	35.0
Vial Number	15	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	4.0000
Processing Time	[illegible]/2021 10:47	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	2.161	0.538	17.11	9.178	BMD
2	4.05	Chloride	4.957	0.454	14.42	5.537	BMD
3	4.39	n.a.	0.070	0.007	0.23	n.a.	BMB
4	4.77	Nitrite	5.320	0.682	21.67	7.634	BMB
5	5.54	Bromide	1.733	0.139	4.42	7.540	BMB
6	6.79	Nitrate	5.783	0.806	25.61	7.299	BMB
7	7.30	n.a.	0.023	0.008	0.24	n.a.	BMB
8	7.90	Sulfate	2.775	0.512	16.27	15.935	BMB
Total:			22.185	3.145	100.00	57.315	

28 K2110662-005SD

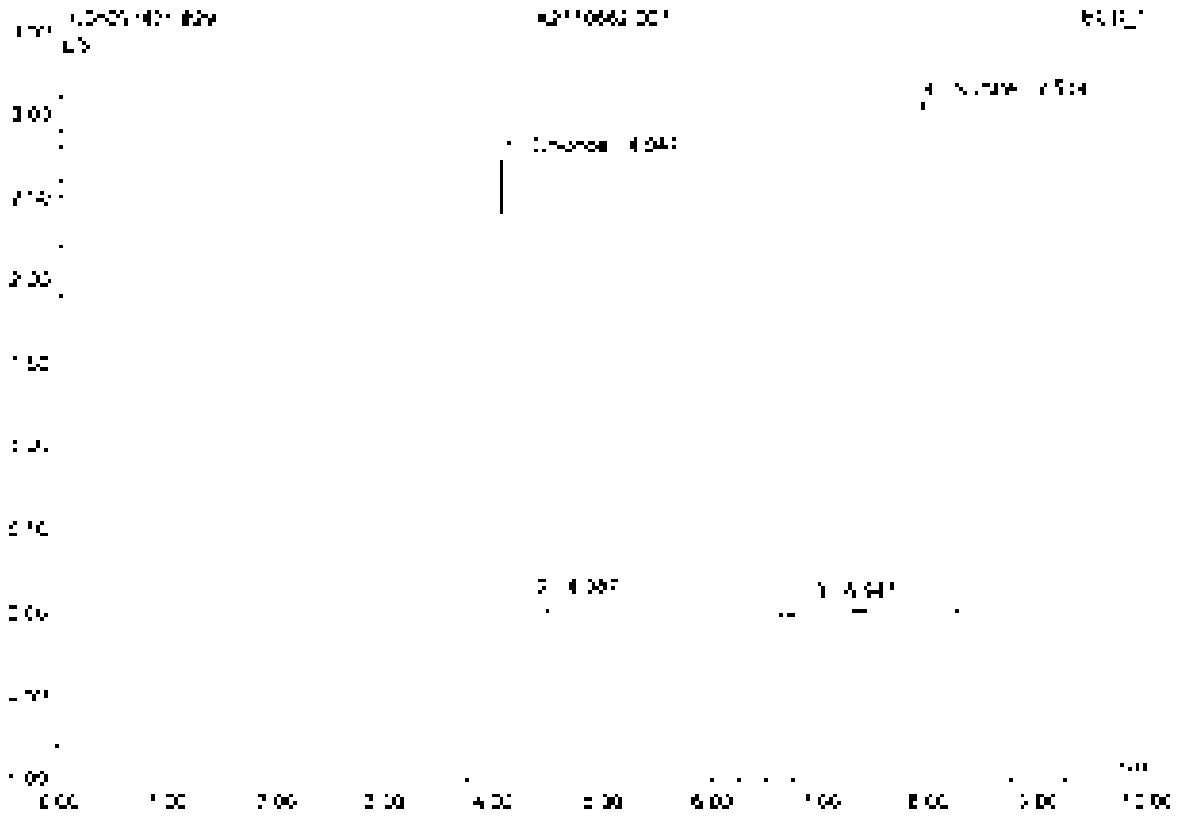
Sample Name	K2110662-005SD	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	4.0000
Recording Time	9/14/2021 14:58	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
3	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
4	[illegible]	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]	BMB
5	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	BMB
6	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
7	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
8	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

29 K2110662-007

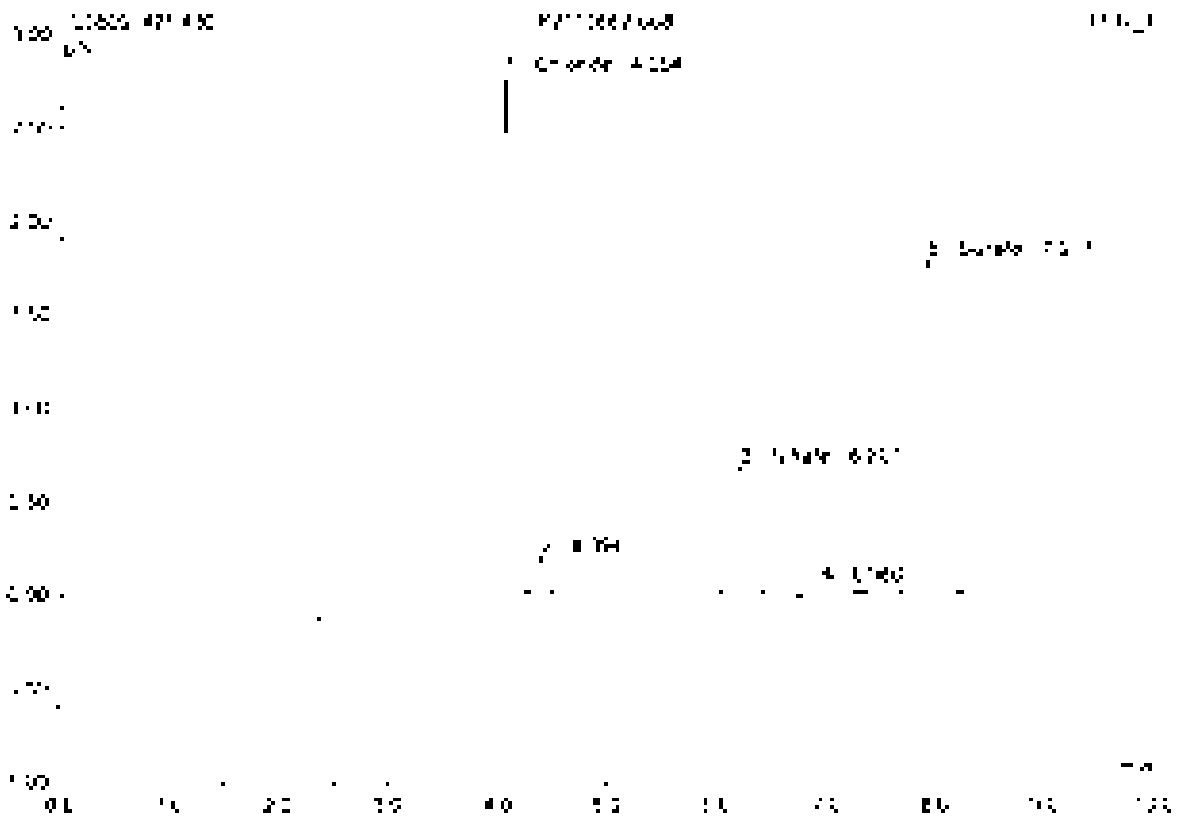
Sample Name	K2110662-007	Injection Volume	35.0
Vial Number	17	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	2.0000
Processing Time	5/14/2021 17:16	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.05	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	4.39	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
3	6.95	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
4	7.41	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

30 K2110662-008

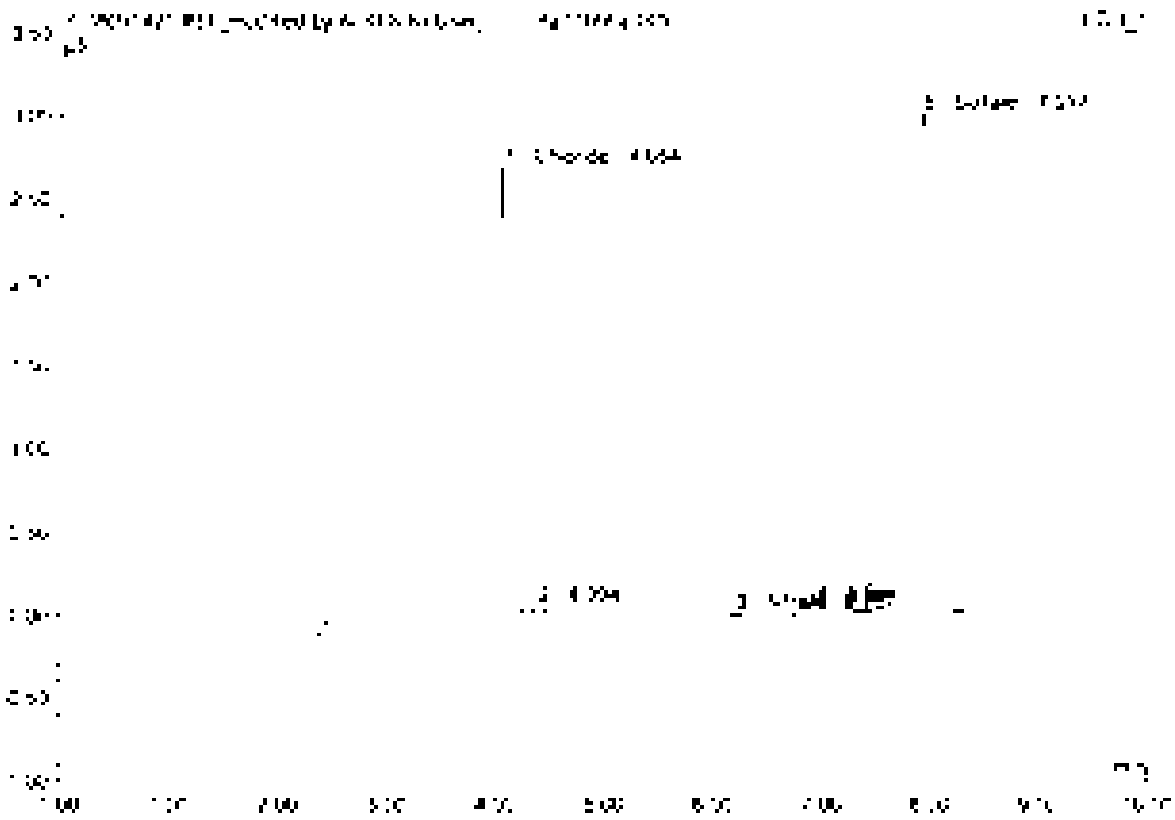
Sample Name	K2110662-008	Injection Volume	25.0
Vial Number	30	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quantif. Method	spa300	Dilution Factor	2.0000
Recording Time	9/14/2021 17:21	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chlorate	2.773	0.258	35.52	2.325	BV E
2	4.39	n.a.	0.195	0.020	2.73	n.a.	bM d
3	6.21	Nitrite	0.079	0.098	13.55	0.445	BMB
4	6.56	n.a.	0.047	0.021	2.85	n.a.	BMH
5	7.02	Sulfate	1.779	0.328	45.20	5.107	MUB
Total:			5.484	0.725	100.00	8.376	

31 K2110662-009

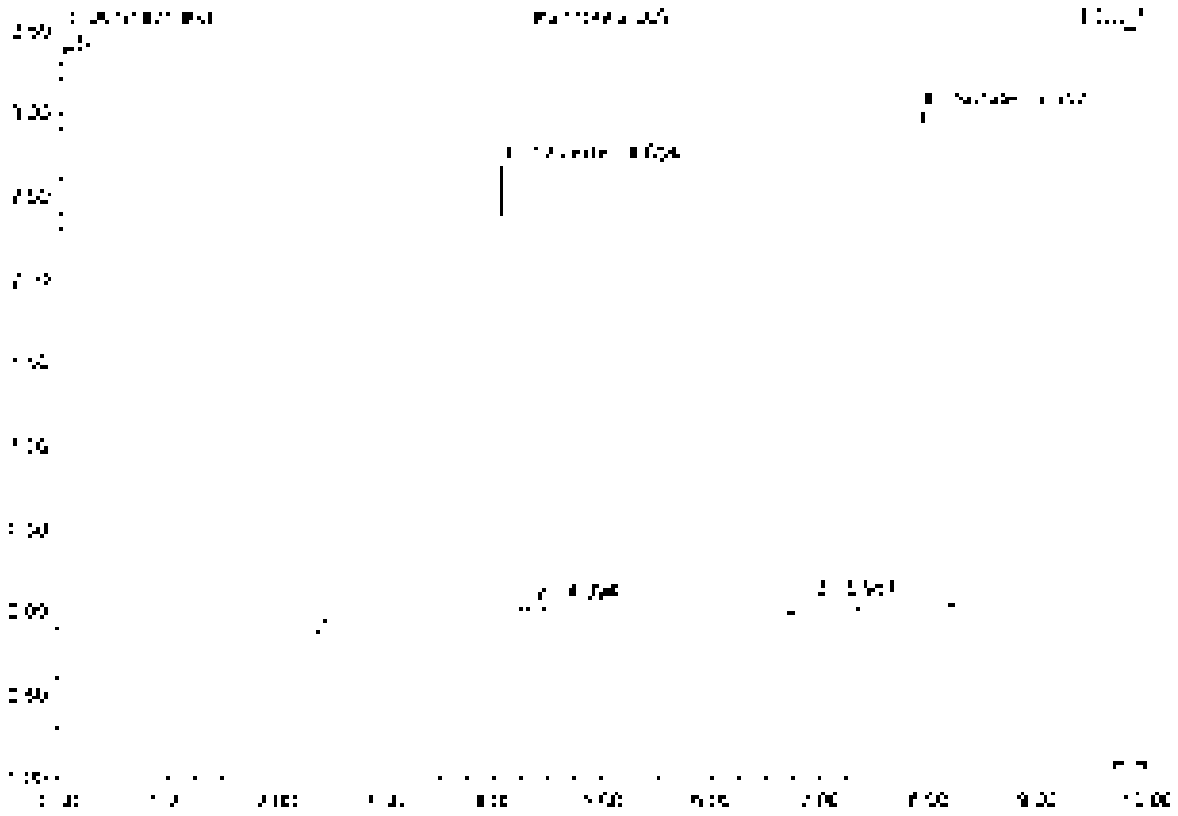
Sample Name	K2110662-009	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	9/14/2021 17:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	2.690	0.251	30.20	2.051	BMB
2	4.39	n.a.	0.052	0.005	0.62	n.a.	UMU
3	6.21	Nitrate	0.070	0.009	0.70	0.007	BMUT
4	6.96	n.a.	0.076	0.026	3.03	n.a.	BMT
5	7.92	Sulfate	2.580	0.545	65.63	8.536	BMB
Total:			5.811	0.835	100.00	11.265	

31 K2110662-009

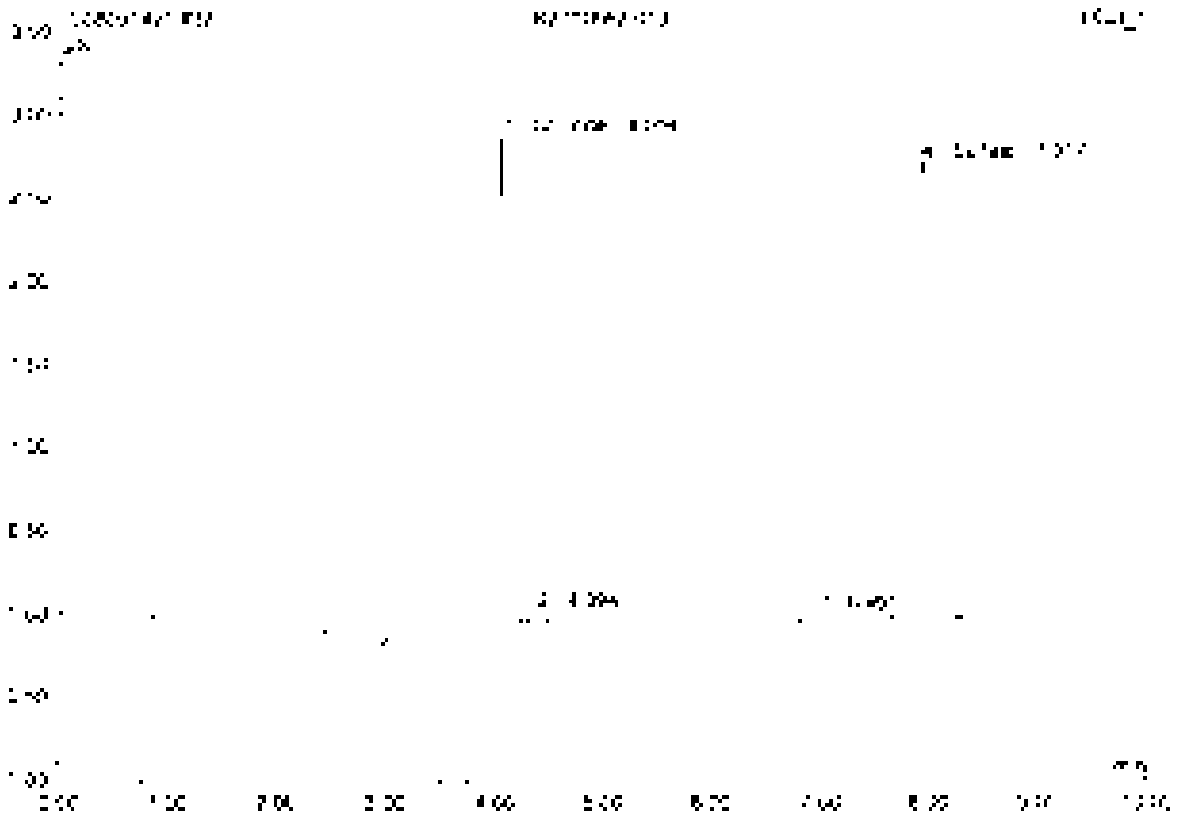
Sample Name	K2110662-009	Injection Volume	25.0
Vial Number	19	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	9/14/2021 17:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	2.690	0.251	30.32	2.767	BMB
2	4.32	n.a.	0.062	0.005	0.62	n.a.	BMB
3	5.36	n.a.	0.070	0.026	3.10	n.a.	BMB
4	7.32	Sulfate	2.589	0.546	65.96	8.596	BMB
Total:			5.401	0.828	100.00	11.363	

32 K2110662-010

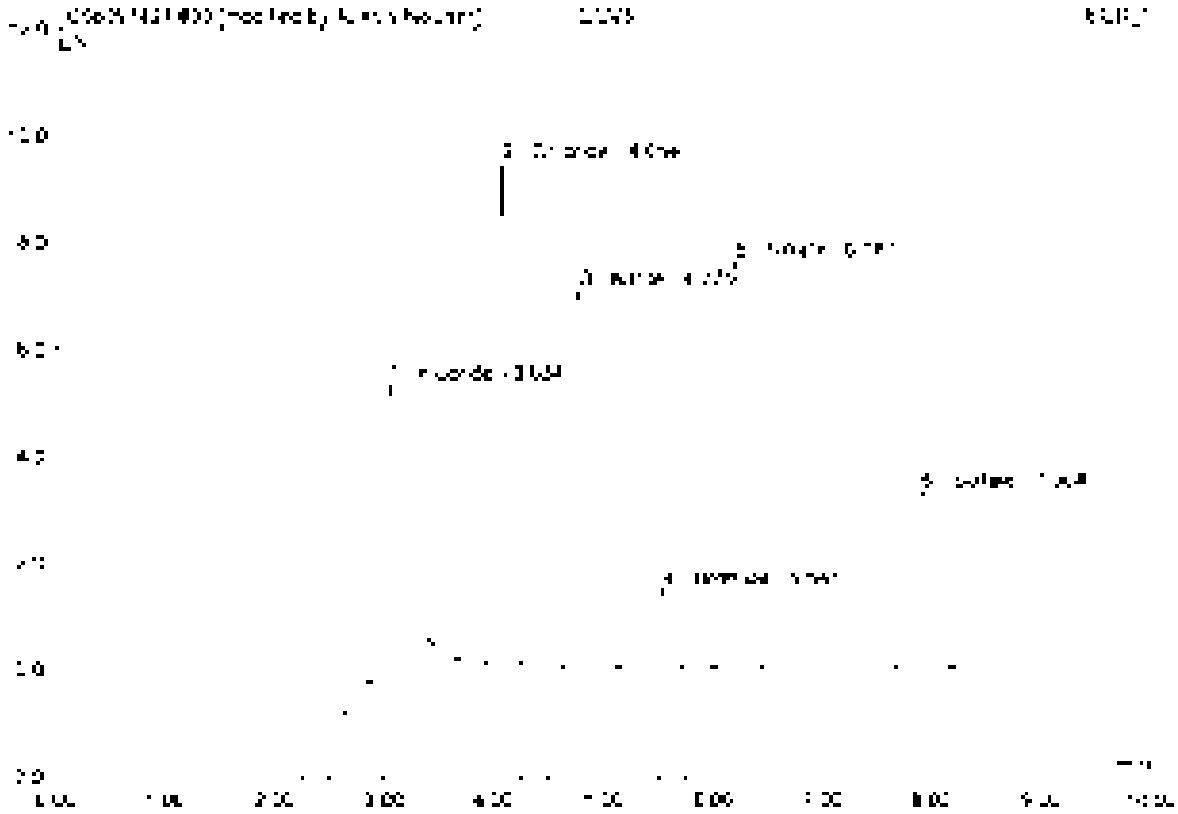
Sample Name	K2110662-010	Injection Volume	25.0
Multiplier	20	Channel	ECD 1
Sample Type	Unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	5/14/2021 17:46	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.65	Chlordane	2.322	0.274	28.15	2.957	BMB
2	4.79	n.a.	0.064	0.007	0.82	n.a.	BMB
3	6.95	n.a.	0.058	0.017	2.11	n.a.	BMB
4	7.92	Sulfur	2.338	0.504	62.91	7.846	BMB
Total:			5.782	0.801	100.00	10.845	

33 CCV3

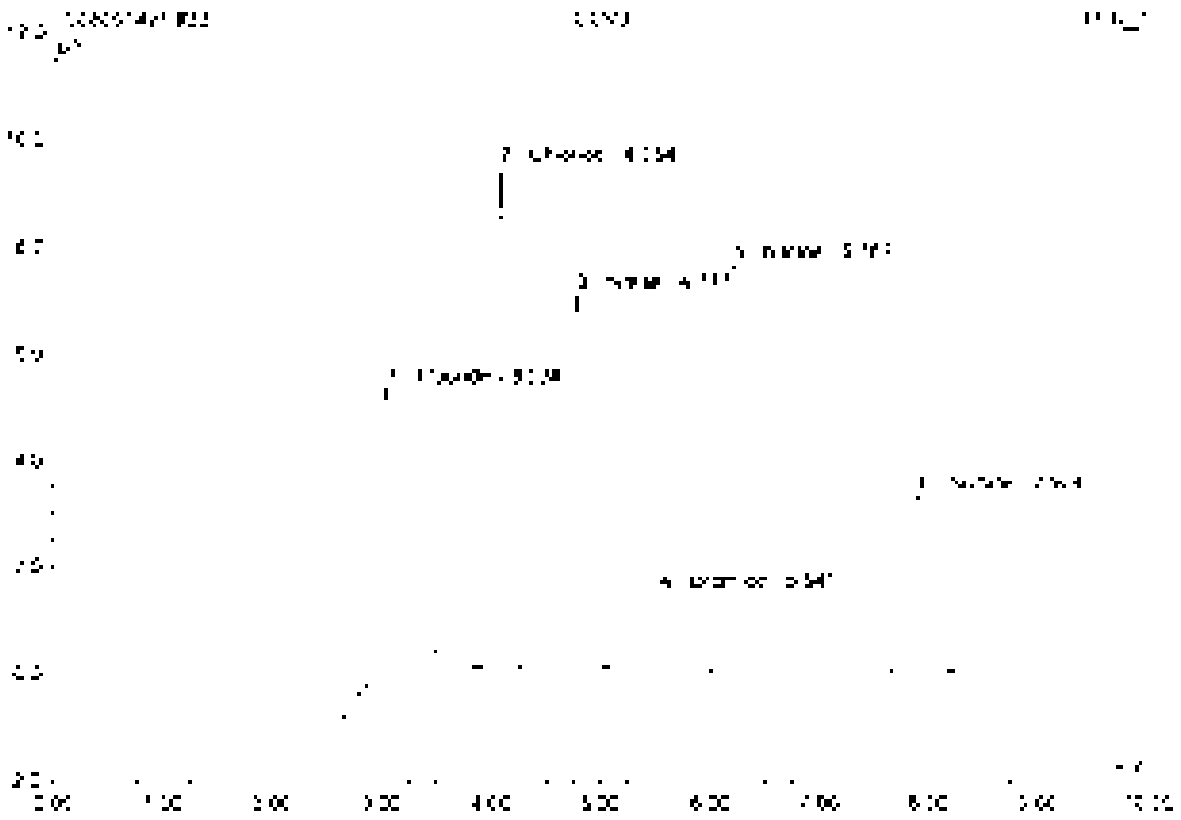
Sample Name	CCV3	Injection Volume	25.0
Vial Number	46	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/14/2021 17:58	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	5.495	1.155	24.79	5.781	BV9*
2	4.05	Chloride	9.390	0.950	17.01	4.704	BV9*
3	4.77	Nitrite	7.055	0.915	19.13	2.574	BV9*
4	5.54	Bromide	1.456	0.177	3.70	2.455	BMU
5	6.19	Nitrate	7.620	1.050	21.94	9.080	BVU
6	7.30	Sulfate	3.308	0.602	12.68	4.844	BV9
Total:			34.329	4.754	100.00	22.885	

33 CCV3

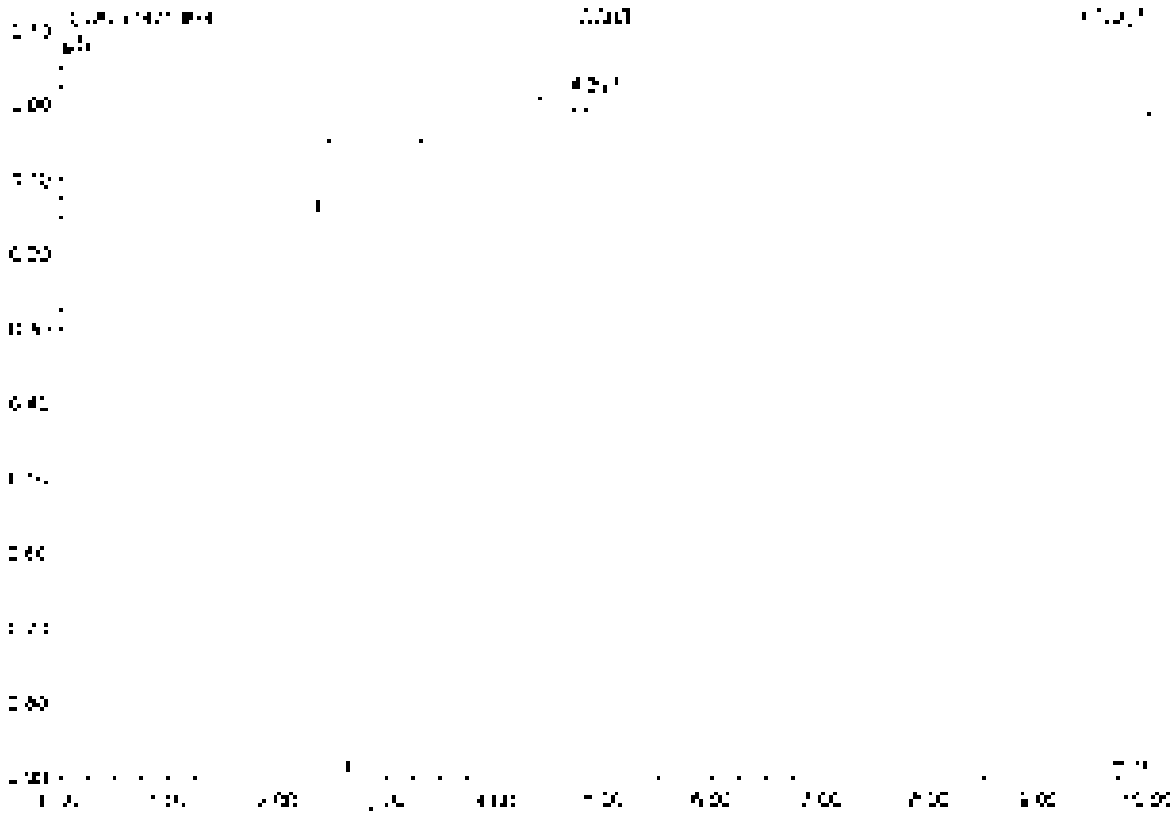
Sample Name	CCV3	Injection Volume	25.0
Run Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Output Method	epa300	Dilution Factor	1.0000
Recording Time	9/14/2021 17:56	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.52	Fluoride	5.534	1.240	25.70	5.554	BMB
2	4.55	Chloride	5.393	0.855	17.60	4.584	cMB
3	5.77	Nitrite	7.035	0.903	18.58	2.527	BMB
4	5.94	Bromide	7.456	0.177	3.65	2.445	RMB
5	6.19	Nitrate	7.520	1.052	21.65	2.330	BMB
6	7.90	Sulfate	3.305	0.627	12.81	4.544	BMB
Total:			34.339	4.858	100.00	22.393	

34 CCB3

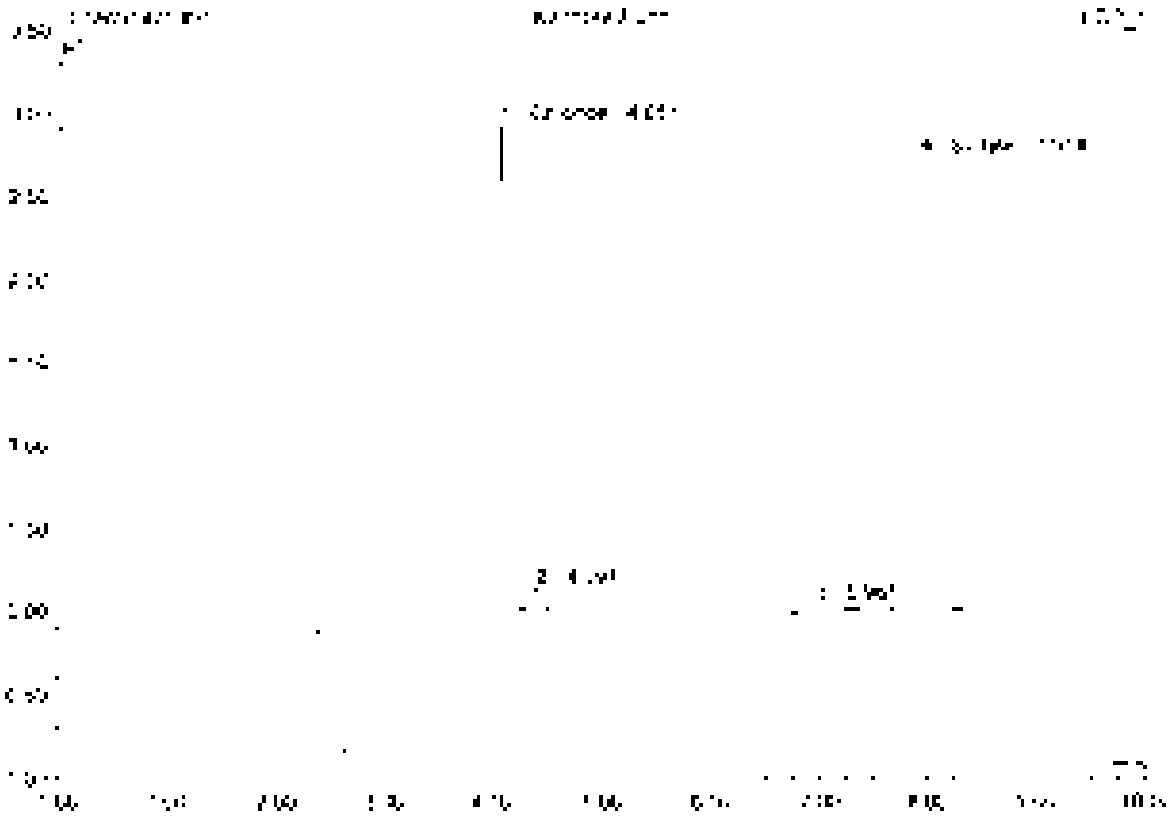
Sample Name	CCB3	Injection Volume	35.0
Vial Number	47	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	9/14/2021 10:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.09	n.a.	0.596	3.385	100.00	n.a.	BMB
Total			0.596	3.385	100.00	0.000	

35 K2110662-011

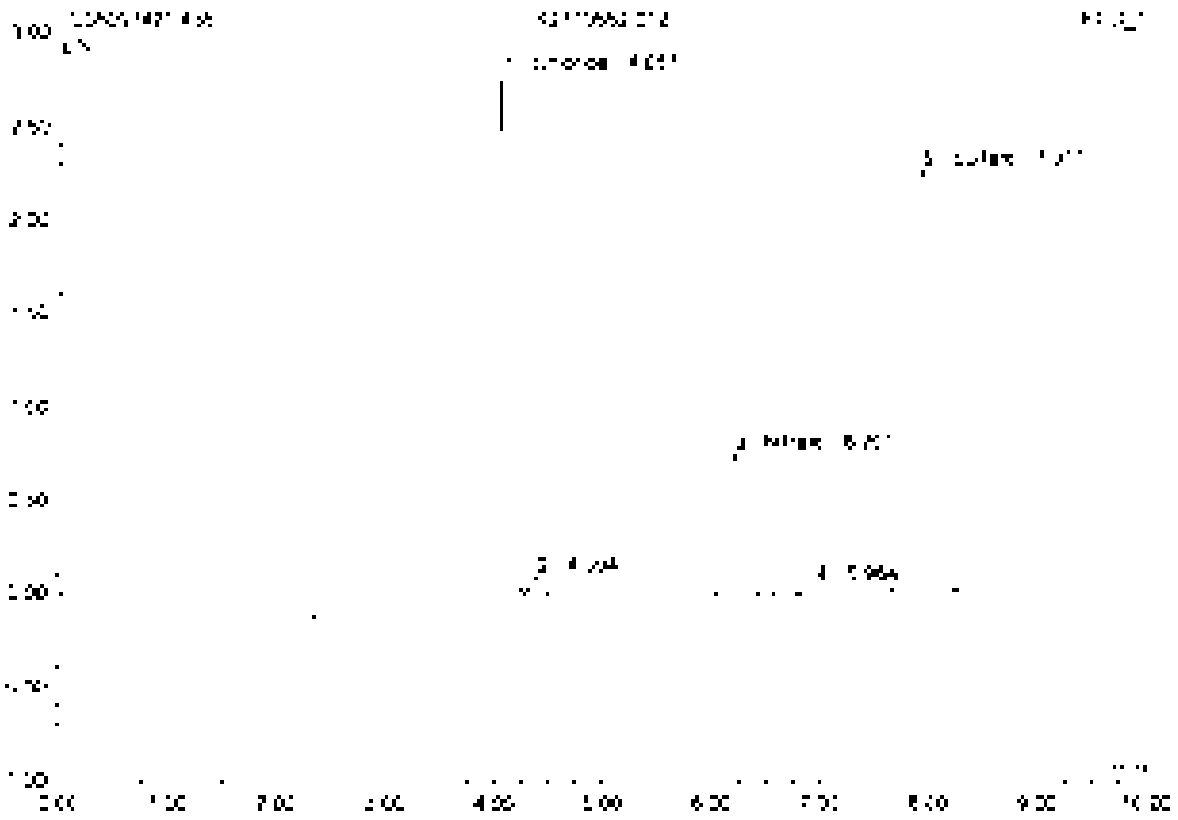
Sample Name	K2110662-011	Injection Volume	25.0
Vial Number	21	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Processing Time	9/14/2021 15:20	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	2.515	0.270	35.55	2.950	BMB
2	4.37	n.a.	0.037	0.014	1.74	n.a.	BMB
3	5.06	n.a.	0.066	0.019	2.38	n.a.	BMB
4	7.31	Sulfate	2.725	0.503	62.04	7.759	BMB
Total:			1.854	0.806	100.00	10.709	

36 K2110662-012

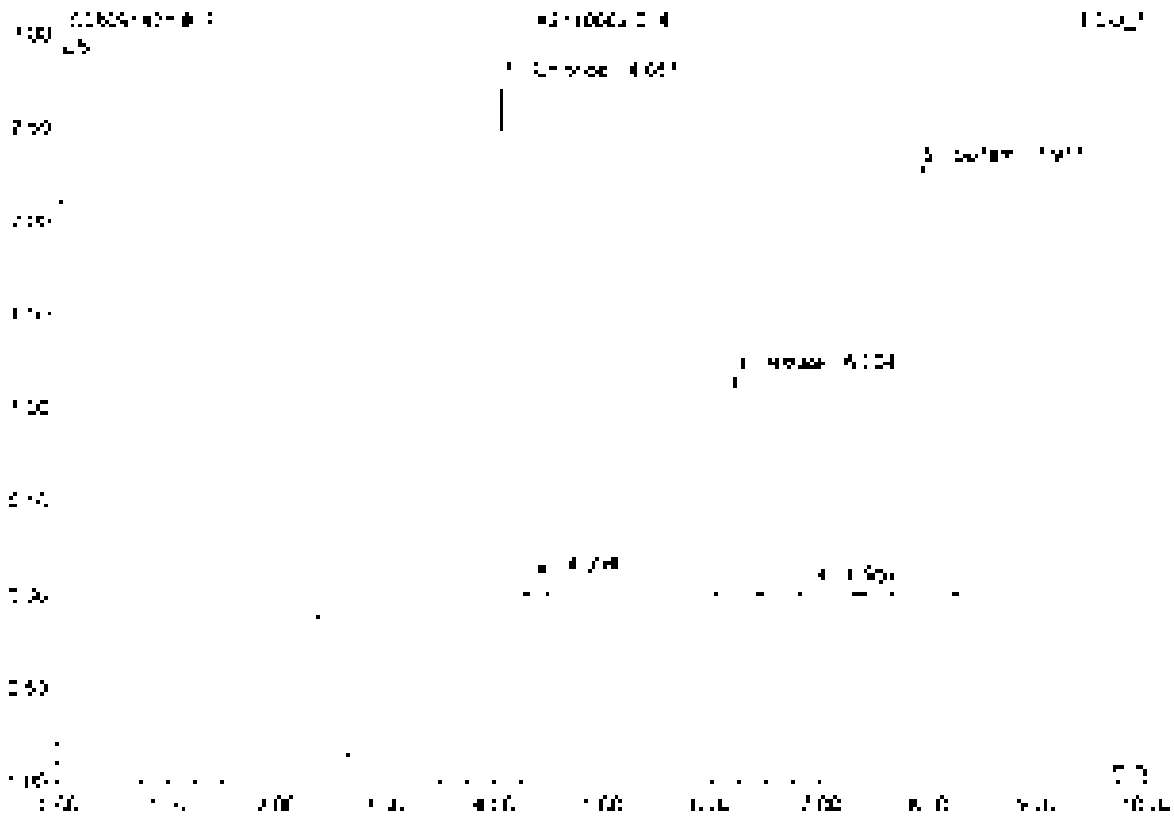
Sample Name	K2110662-012	Injection Volume	25.0
Vial Number	36	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	9/14/2021 18:32	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.777	0.259	31.96	0.833	BV[illegible]
2	4.39	n.a.	0.002	0.005	1.14	n.a.	BV[illegible]
3	6.20	Nitrate	0.752	0.107	13.24	0.404	BMB
4	6.95	n.a.	0.051	0.018	2.18	n.a.	BMB
5	7.9[illegible]	Sulfate	0.269	0.415	51.46	0.478	BMB
Total:			0.830	0.805	100.00	0.706	

37 K2110662-014

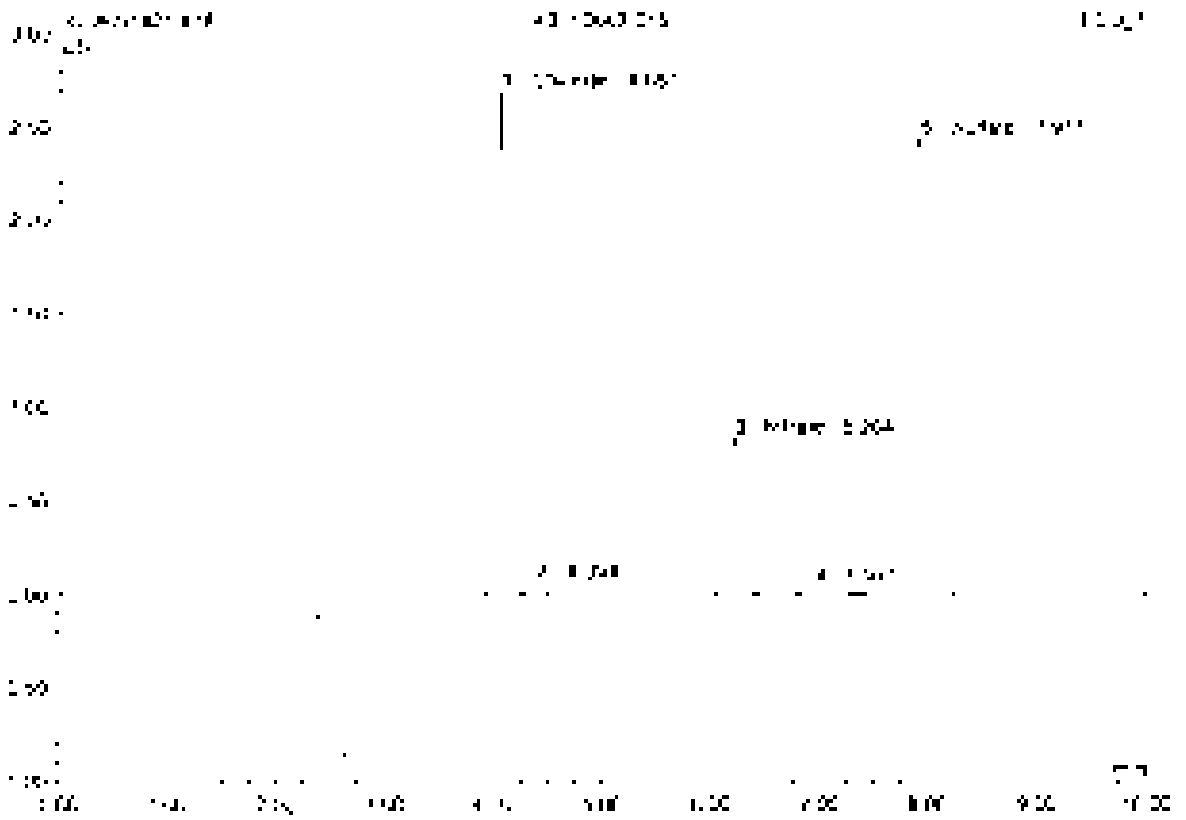
Sample Name	K2110662-014	Injection Volume	25.0
Vial Number	33	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	9/15/2021 10:43	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	2.744	0.256	29.28	2.602	BMB
2	4.39	n.a.	0.101	0.010	1.19	n.a.	BMD
3	6.20	Nitrate	1.176	0.168	19.29	0.753	BVR
4	6.90	n.a.	0.055	0.015	2.13	n.a.	BVB
5	[illegible]	Sulfate	2.287	0.470	48.11	6.543	BMB
Total:			6.363	0.873	100.00	10.100	

38 K2110662-015

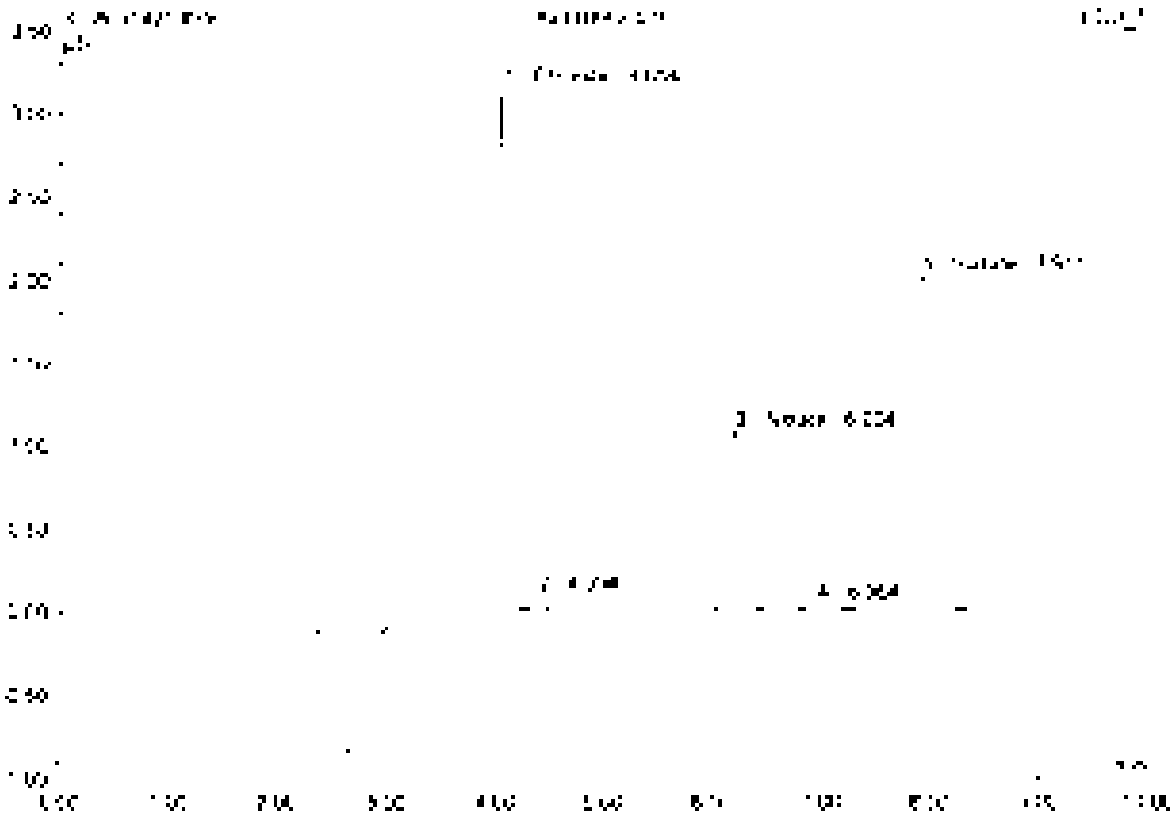
Sample Name	K2110662-015	Injection Volume	25.0
Vial Number	38	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantit. Method	apa300	Dilution Factor	2.0000
Recording Time	9/14/2021 10:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	2.050	0.251	29.69	2.051	BMD
2	4.39	n.a.	0.062	0.006	0.74	n.a.	BMB
3	5.20	Nitrate	0.238	0.120	14.23	0.641	BMB
4	6.37	n.a.	0.048	0.017	2.05	n.a.	BMB
5	[illegible]	Sulfate	2.835	0.465	55.09	6.945	BMB
Total:			5.271	0.843	100.00	10.232	

39 K2110652-016

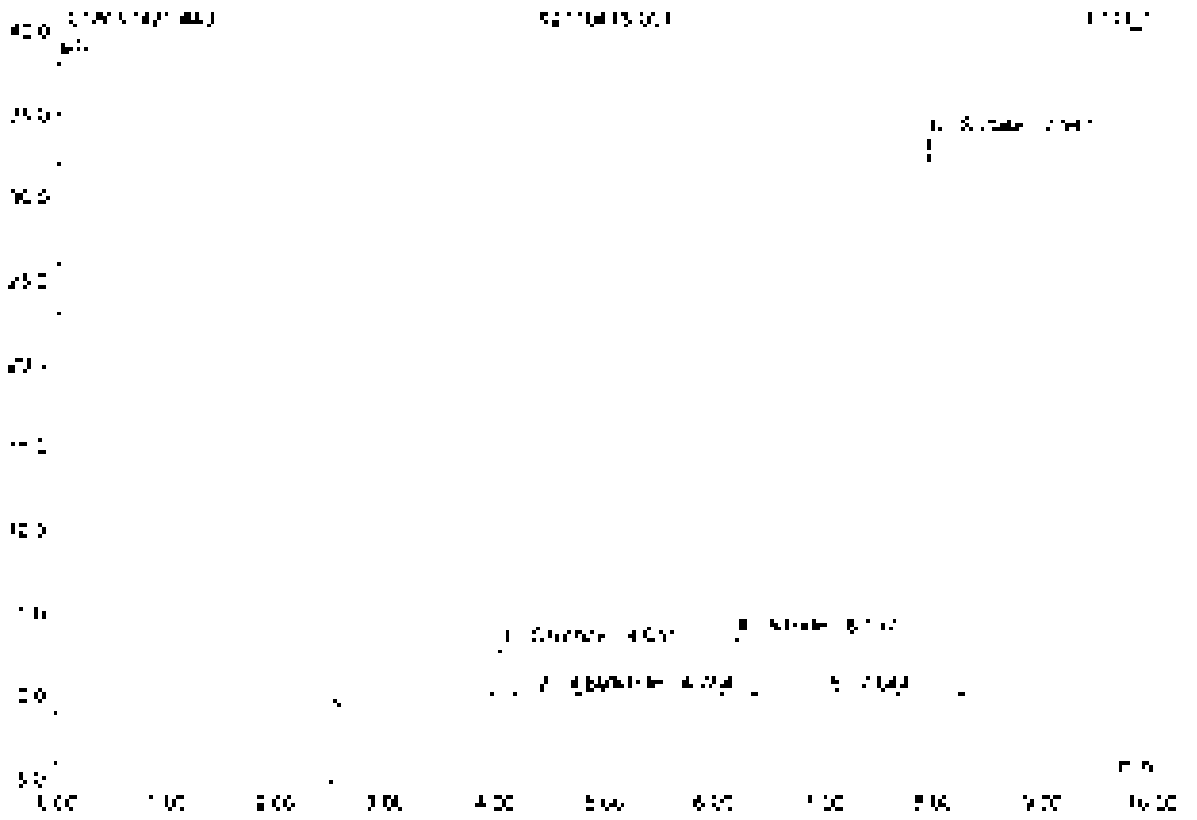
Sample Name	K2110652-016	Injection Volume	25.0
Vial Number	25	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	9/14/2021 11:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.145	0.252	34.72	3.204	BMB
2	4.39	n.a.	0.052	0.070	9.15	n.a.	BMB
3	6.20	Nitrate	1.076	0.154	18.32	0.666	BMB
4	6.56	n.a.	0.048	0.014	1.72	n.a.	BMB
5	7.91	Sulfate	2.008	0.371	44.09	5.283	BMB
Total:			3.376	0.842	100.00	9.085	

40 K2110475-001

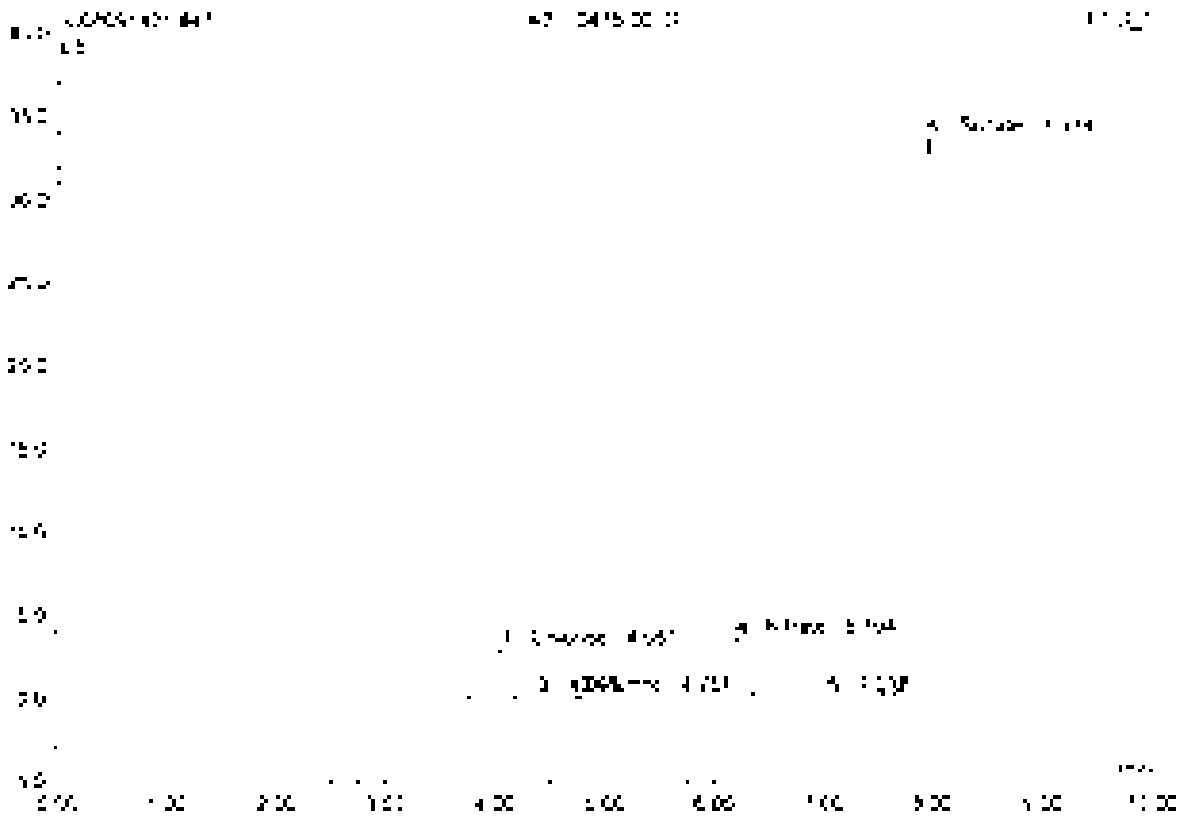
Sample Name	K2110475-001	Injection Volume	35.0
Vial Number	38	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	9/16/2021 10:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chlorine	2.337	0.272	4.31	2.992	BMB
2	4.38	n.a.	0.065	0.007	0.10	n.a.	BMB
3	4.76	Nitrite	0.085	0.011	0.17	0.064	BMB
4	6.20	Nitrate	3.563	0.467	7.37	2.975	BMB
5	7.35	n.a.	0.072	0.007	0.10	n.a.	BMB
6	7.94	Sulfate	33.617	6.006	98.24	52.513	BMB
Total:			40.297	6.809	100.00	58.039	

41 K2110475-001D

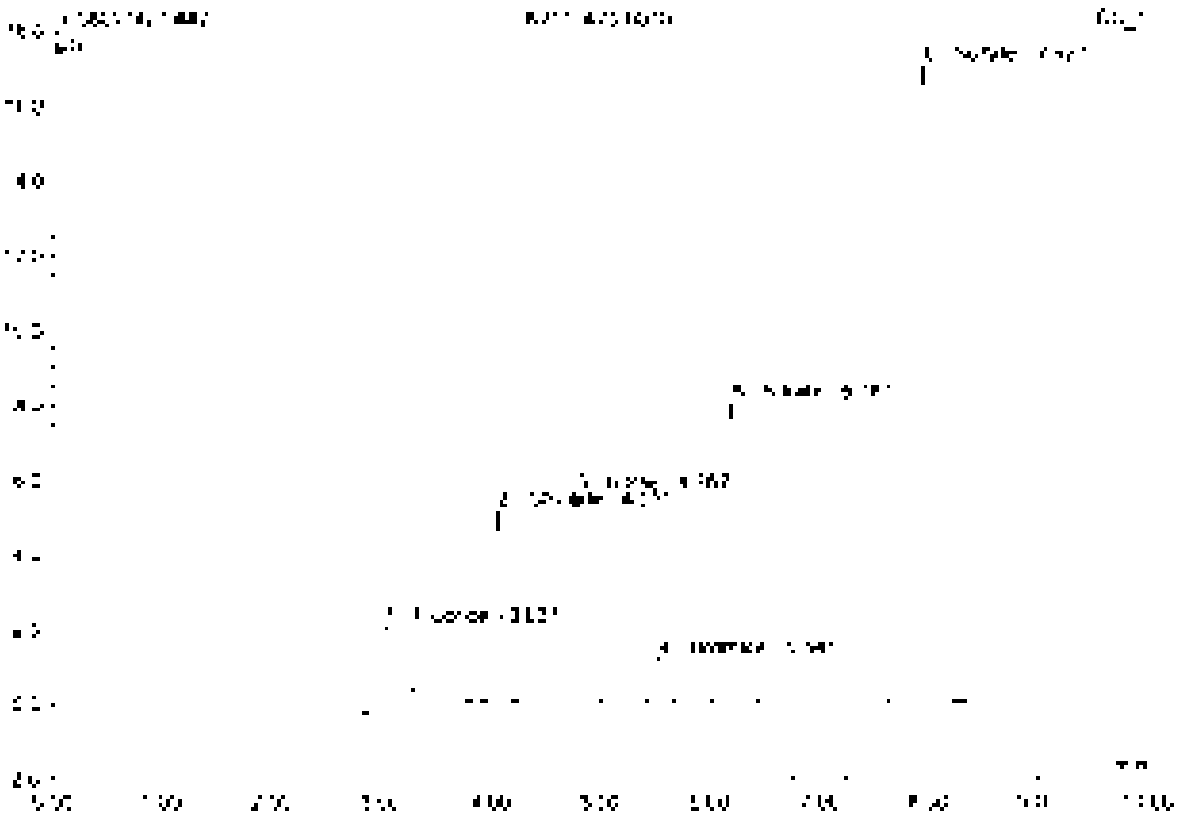
Sample Name	K2110475-001D	Injection Volume	25.0
Vial Number	37	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	9/14/2021 10:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	2.940	0.274	4.07	2.447	BMB
2	4.39	n.a.	0.072	0.007	0.11	n.a.	BMB
3	4.76	Nitrite	0.050	0.012	0.18	0.070	BMB
4	6.19	Nitrate	3.571	0.500	7.38	2.277	BMB
5	7.24	n.a.	0.018	0.005	0.08	n.a.	BMB
6	7.93	Sulfate	33.651	5.016	88.24	53.658	BMB
Total:			40.347	6.818	100.00	58.512	

42 K2110475-001S

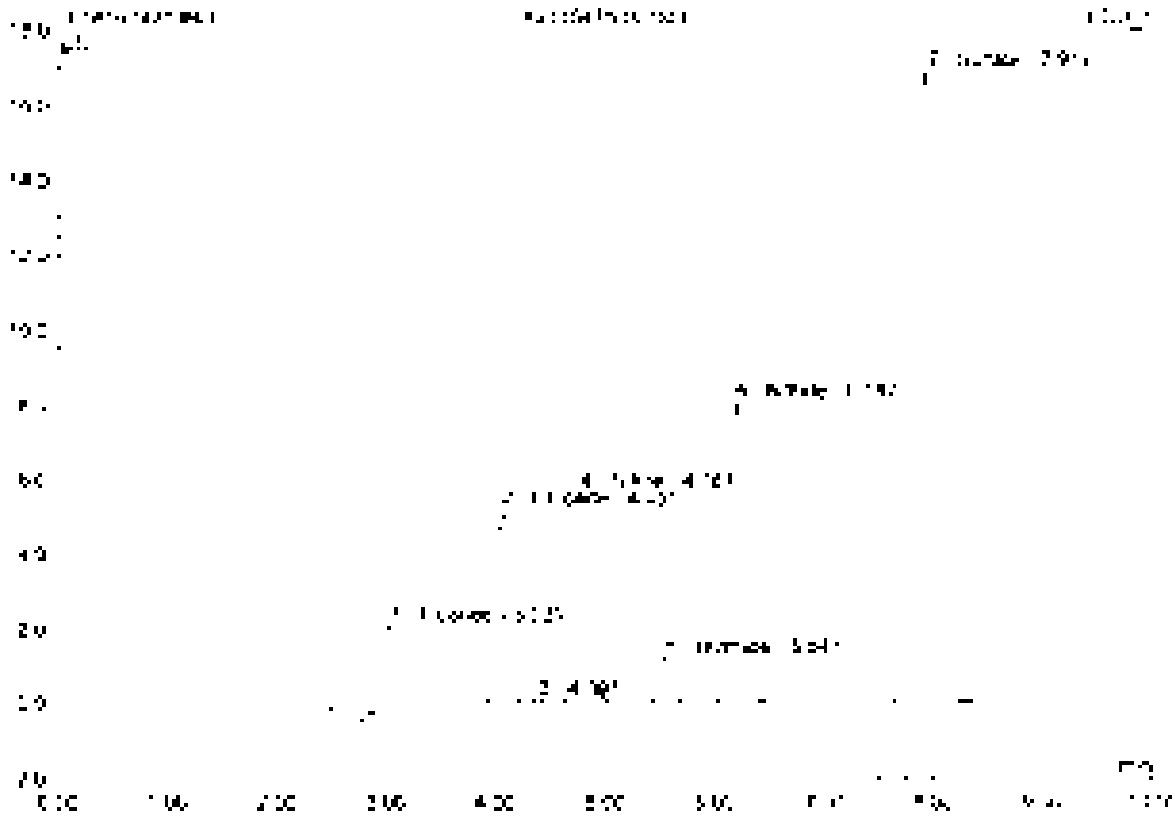
Sample Name	K2110475-001S	Injection Volume	25.0
Vial Number	38	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a
Control Program	epa300	Bandwidth	n.a
Control Method	epa300	Dilution Factor	4.0000
Recording Time	9/14/2021 19:41	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	2.313	0.571	9.33	[illegible]	BMB
2	4.05	Chloride	5.153	0.845	7.77	[illegible]	BMB
3	4.72	Nitrite	5.507	0.716	11.70	[illegible]	BMB
4	5.54	Bromide	1.152	0.146	2.38	[illegible]	BMB
5	6.19	Nitrate	8.044	1.117	18.25	[illegible]	BMB
6	7.97	Sulfate	17.032	3.036	49.56	[illegible]	BMB
Total:			39.320	6.131	100.00	[illegible]	

43 K2110475-001SD

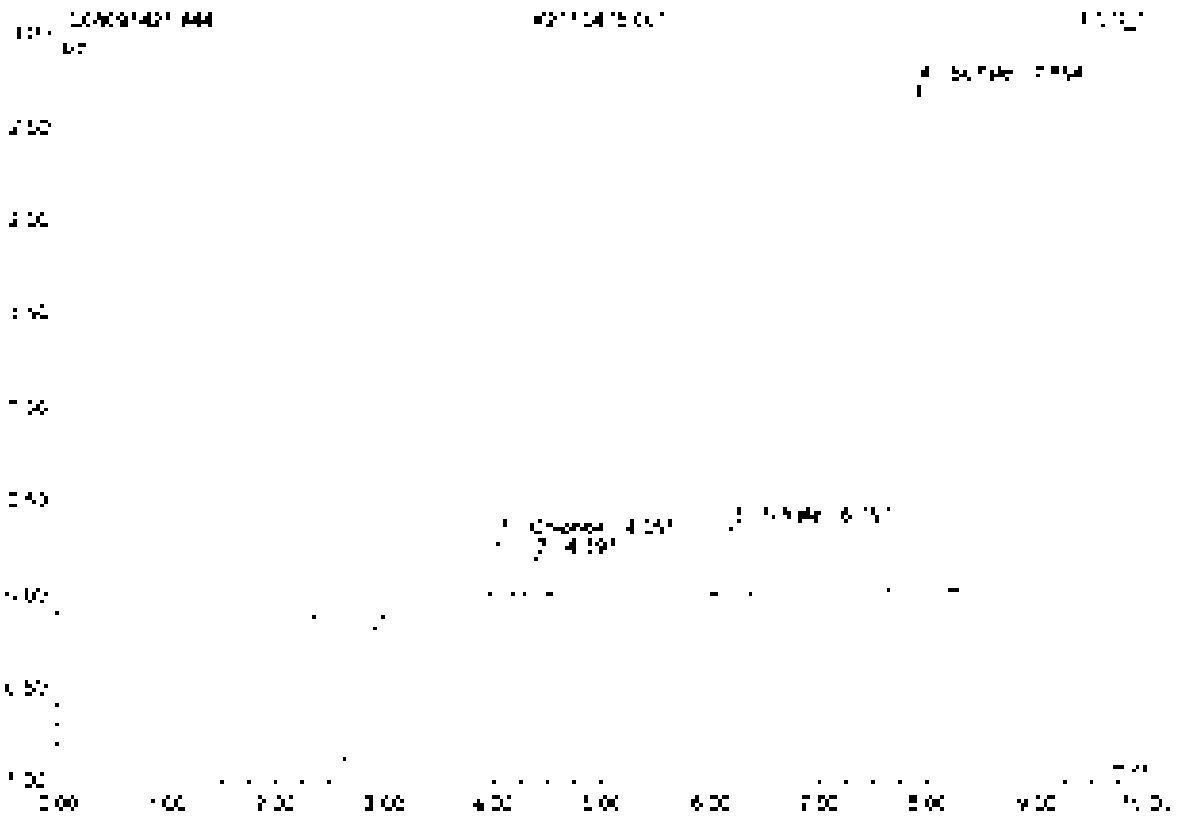
Sample Name	K2110475-001SD	Injection Volume	25.0
Vial Number	29	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Control Method	wpa300	Dilution Factor	4.0000
Recording Time	9/14/2021 19:34	Sample Weight	1.0000
Run Time (min)	40.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	2.317	0.565	9.34	10.129	BMB
2	4.05	Chloride	5.163	0.476	7.82	30.475	BVB
3	4.38	n.a.	0.068	0.007	0.11	n.a.	BMB
4	4.77	Nitrite	5.626	0.719	11.80	8.056	BMB
5	5.54	Bromide	4.186	0.146	2.39	7.593	BMB
6	6.19	Nitrate	8.054	1.157	19.12	16.108	BVB
7	7.90	Sulfate	16.858	3.059	50.37	55.257	BVB
Total:			34.273	6.083	100.00	147.895	

44 K2110475-001

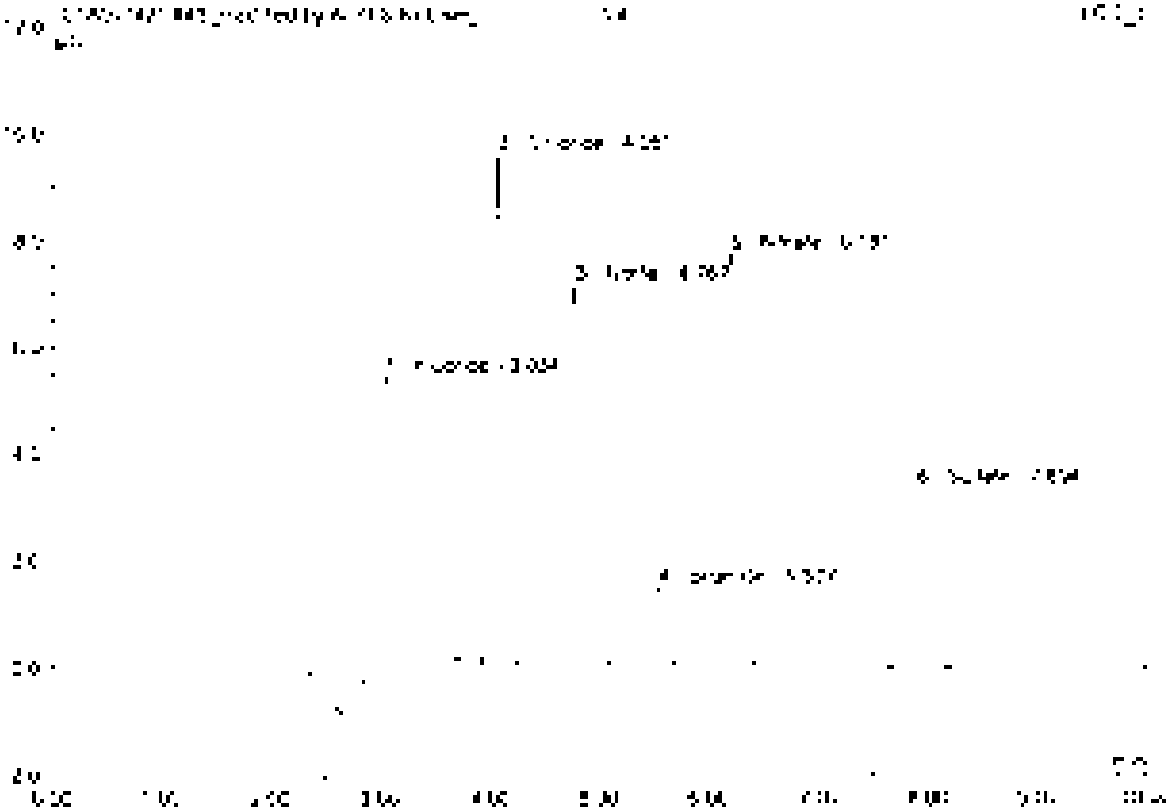
Sample Name	K2110475-001	Injection Volume	25.0
Vial Number	30	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	20.0000
Processing Time	5/14/2021 20:04	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.004	0.029	4.75	[illegible]	BMB
2	4.35	n.a.	0.007	0.021	3.41	n.a.	BV9
3	5.19	Nitrate	0.350	0.051	8.25	2.245	BMB
4	7.59	Sulfate	2.[illegible]	0.512	83.59	25.655	BMB
Total:			3.571	0.612	100.00	28.126	

45 CCV4

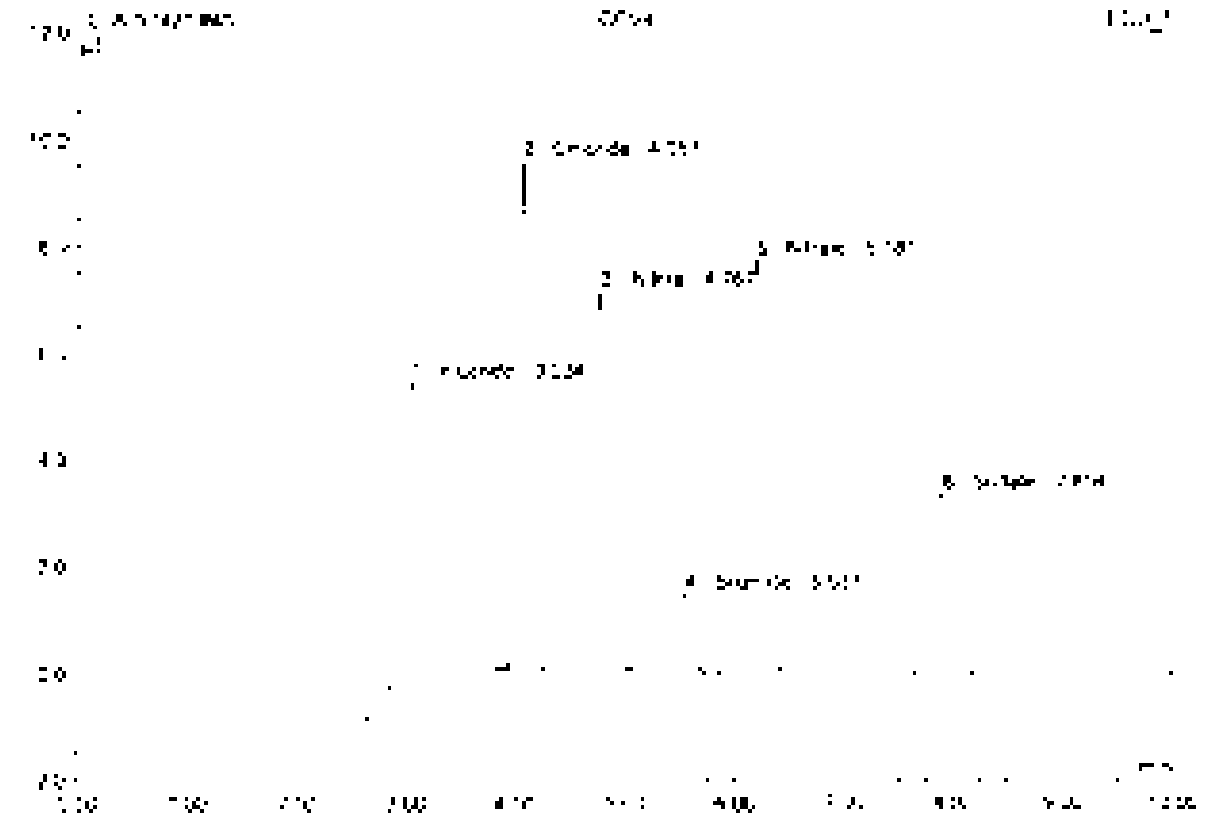
Sample Name	CCV4	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	8/14/2021 20:16	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	5.630	1.202	24.75	5.372	BV01
2	4.05	Chloride	9.526	3.570	73.53	6.265	BV01
3	4.77	Nitrite	7.140	0.972	19.91	2.547	BV01
4	5.94	Bromide	1.478	0.120	3.70	2.444	BV03
5	6.18	Nitrate	7.728	1.065	21.92	2.409	BV01
6	7.89	Sulfate	3.332	0.629	12.90	4.960	BV01
Total:			34.862	4.880	100.00	23.497	

45 CCV4

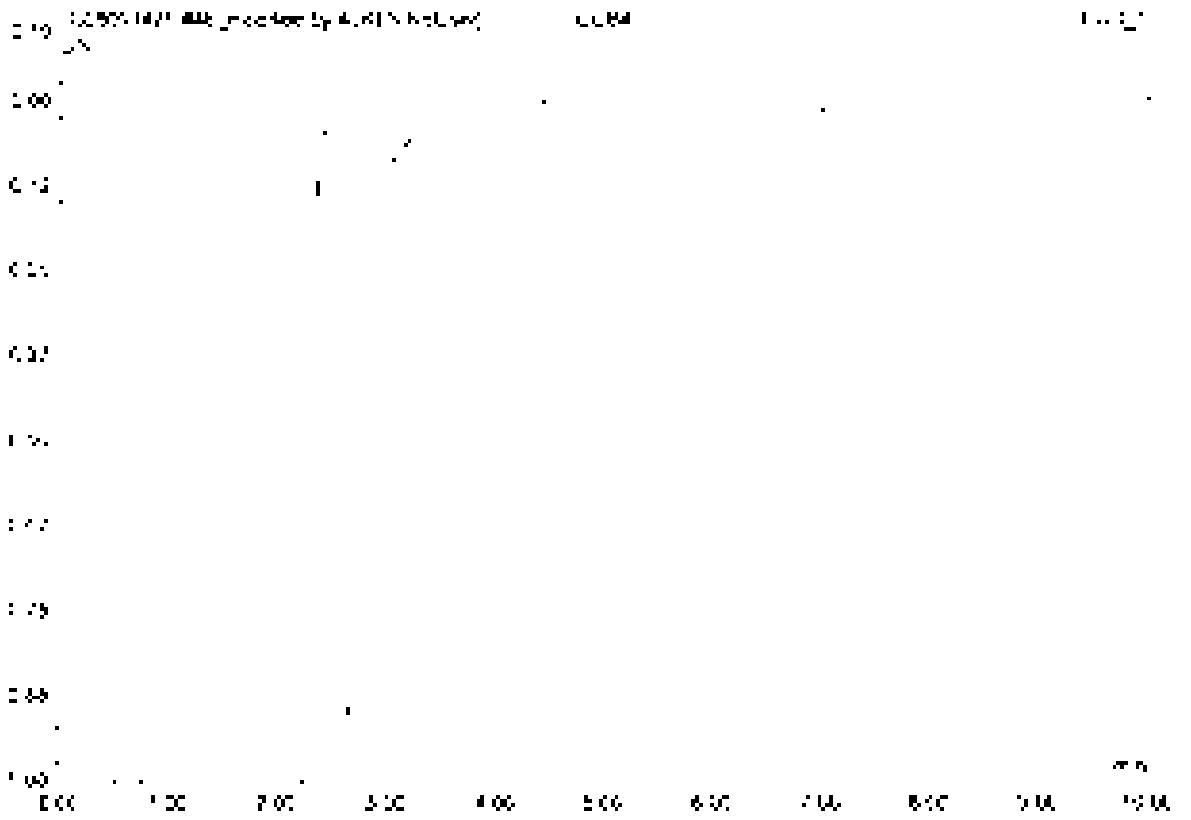
Sample Name	CCV4	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	5/14/2021 20 18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.63	Fluoride	5.666	1.279	25.93	5.689	BMB
2	4.05	Chloride	9.520	0.966	19.57	4.746	BMB
3	4.72	Nitrite	7.120	0.912	18.49	2.664	BMB
4	5.54	Bromide	1.478	0.150	3.06	2.444	BMB
5	6.19	Nitrate	7.728	1.065	21.59	2.439	BMB
6	7.89	Sulfate	3.157	0.679	13.76	4.900	BMB
Total:			34.867	4.910	100.00	22.741	

46 CCB4

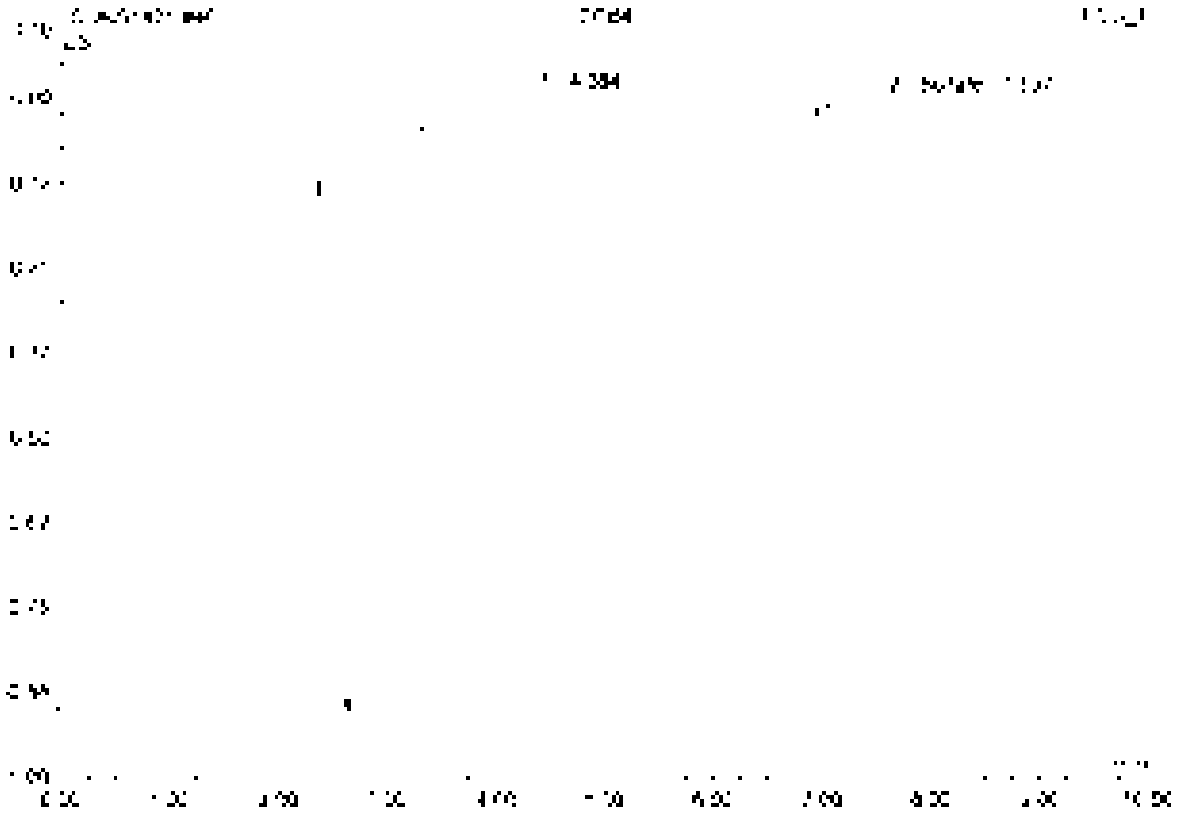
Sample Name	CCB4	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Control Method	spa300	Dilution Factor	1.0000
Recording Time	9/14/2021 20:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total			0.000	0.000	0.00	0.000	

46 CCB4

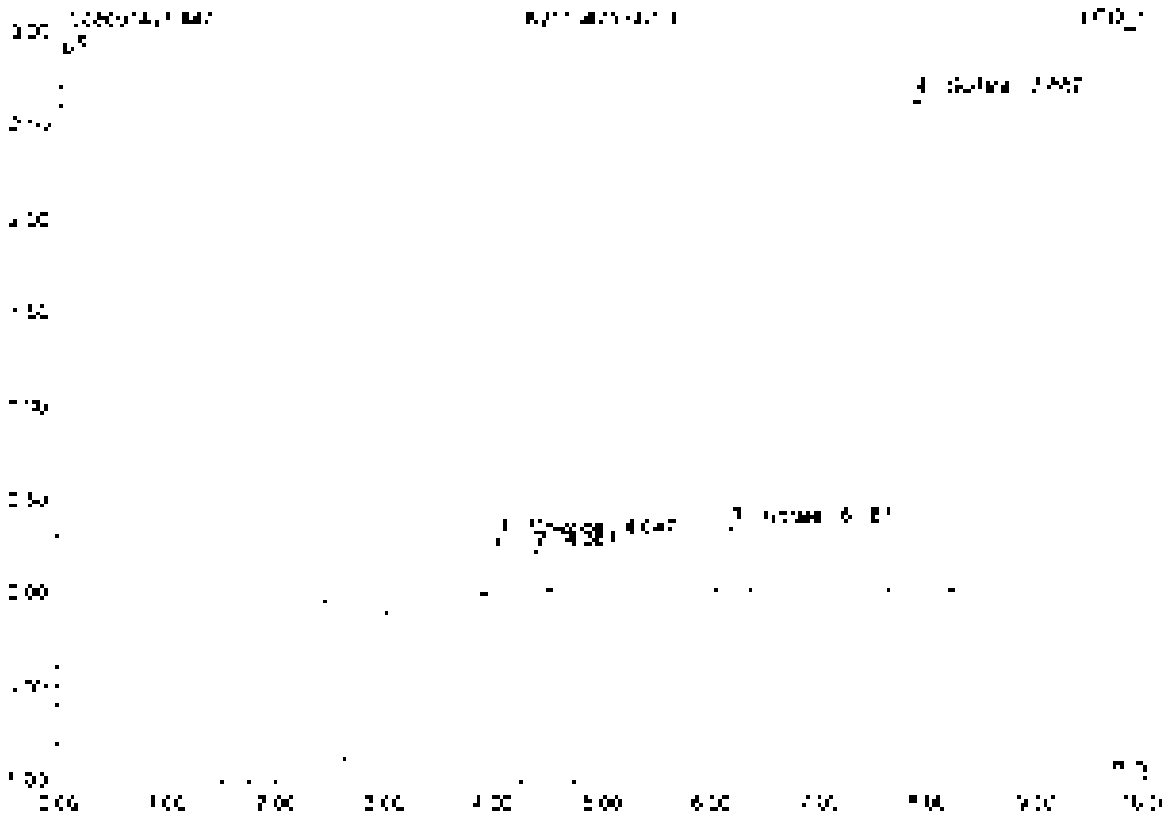
Sample Name	CCB4	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Date	[illegible]21 10:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.08	n.g.	0.550	[illegible]	99.61	[illegible]	BV8
2	7.60	S. [illegible]	0.011	0.007	0.39	0.056	eV9
Total			0.561	1.750	100.00	0.056	

47 K2110475-001D

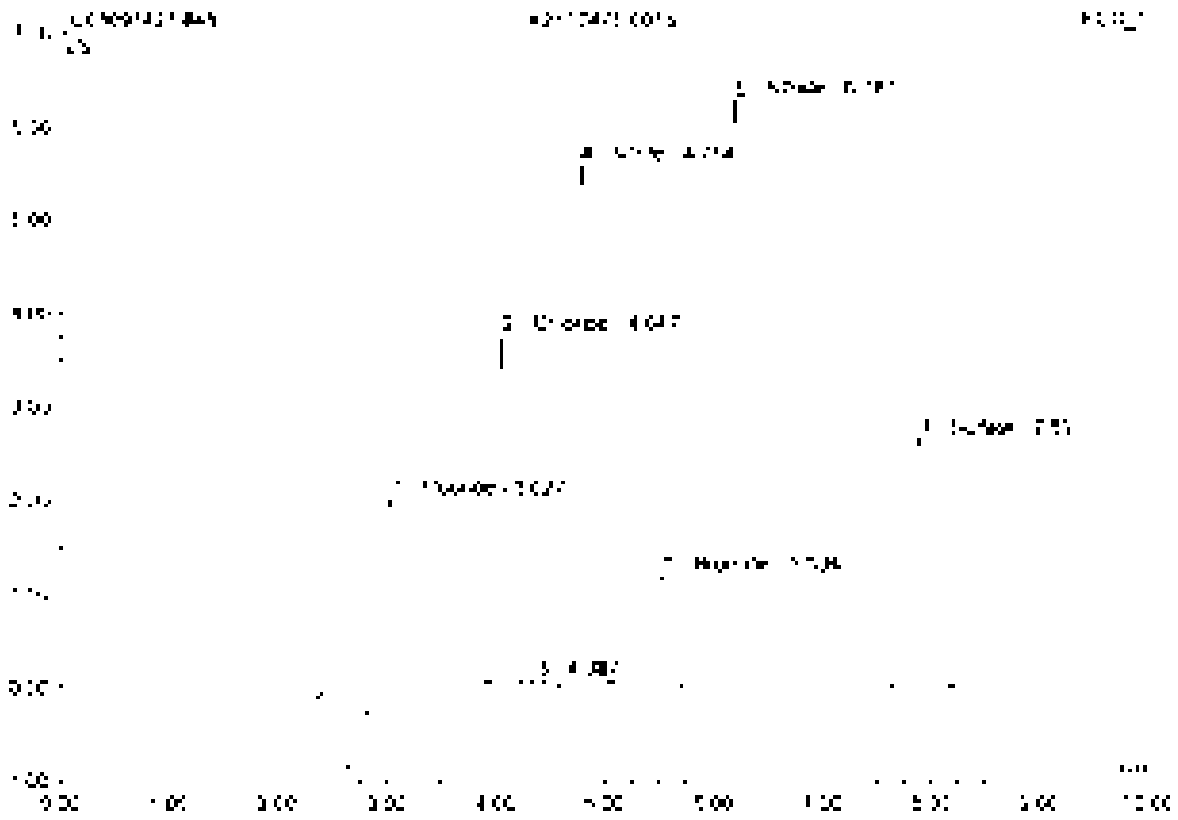
Sample Name:	K2110475-001D	Injection Volume:	25.0
Vial Number:	31	Channel:	ECD 1
Sample Type:	unknown	Wavelength:	n.a.
Calibration Program:	epa300	Bandwidth:	n.a.
Quant Method:	epa300	Dilution Factor:	10.0000
Recording Time:	8/14/2021 20:40	Sample Weight:	1.0000
Run Time (min):	10.00	Sample Amount:	1.0000



No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.55	[illegible]	0.294	0.028	4.70	3.577	BMB
2	4.39	n.a.	0.220	0.024	4.00	n.a.	BVB
3	6.19	Nitrate	0.488	0.048	8.00	2.172	BMB
4	7.86	Sulfate	2.643	0.497	83.24	77.643	BMB
Total:			3.587	0.598	100.00	82.583	

48 K2110476-001S

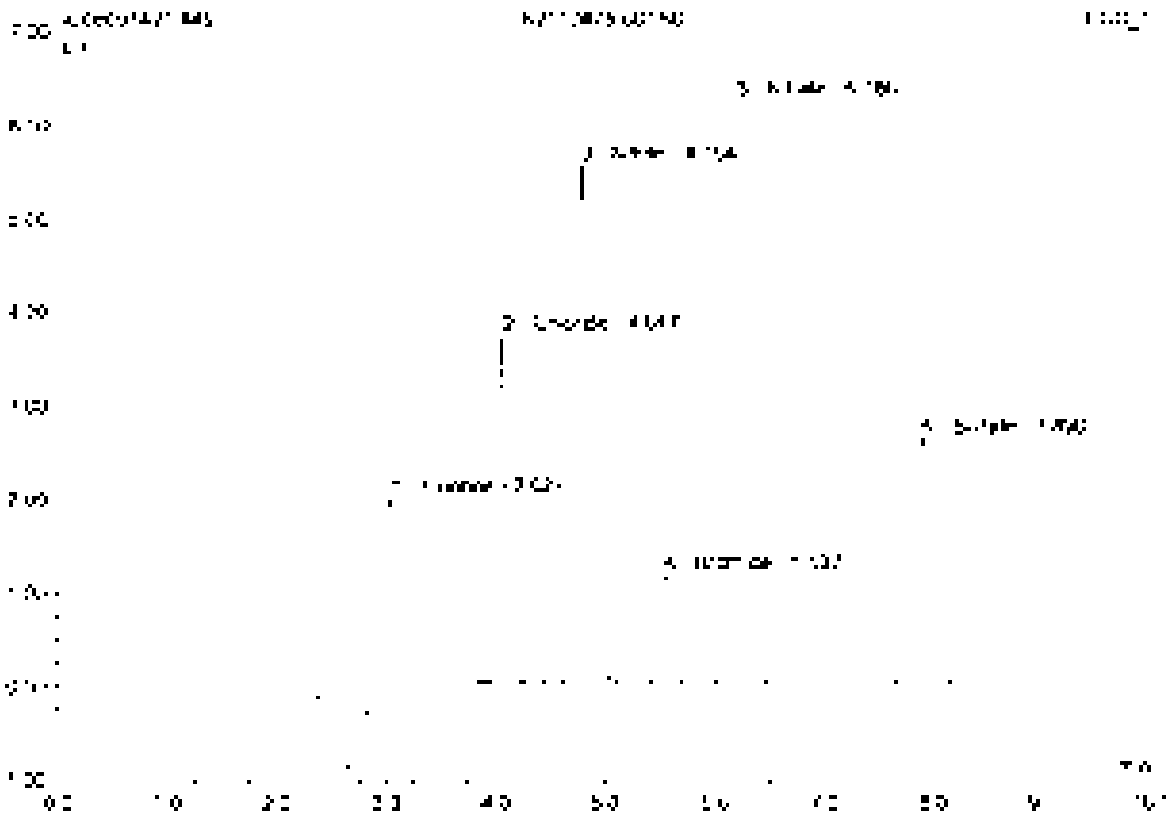
Sample Name	K2110475-001S	Injection Volume	25.0
Vial Number	32	Column	ECD 1
Sample Type	unknown	Wavelength	n.a
Control Program	epa300	Bandwidth	n.a
Quantit. Method	epa300	Dilution Factor	40.0000
Acquisition Time	9/14/2021 20:51	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.00	Fluoride	2.266	0.566	18.04	100.626	BV5
2	4.05	Chloride	3.729	0.345	11.00	75.546	BMB
3	4.39	n.a	0.052	0.005	0.17	n.a	BMB
4	4.76	Nitrite	5.554	0.709	22.62	159.420	BMB
5	5.53	Bromide	1.194	0.145	4.62	78.540	BMB
6	6.15	Nitrate	5.270	0.868	27.67	75.530	BMB
7	7.89	Sulfate	2.645	0.438	13.88	155.066	BMB
Total:			21.202	3.135	100.00	567.718	

49 K2110475-001SD

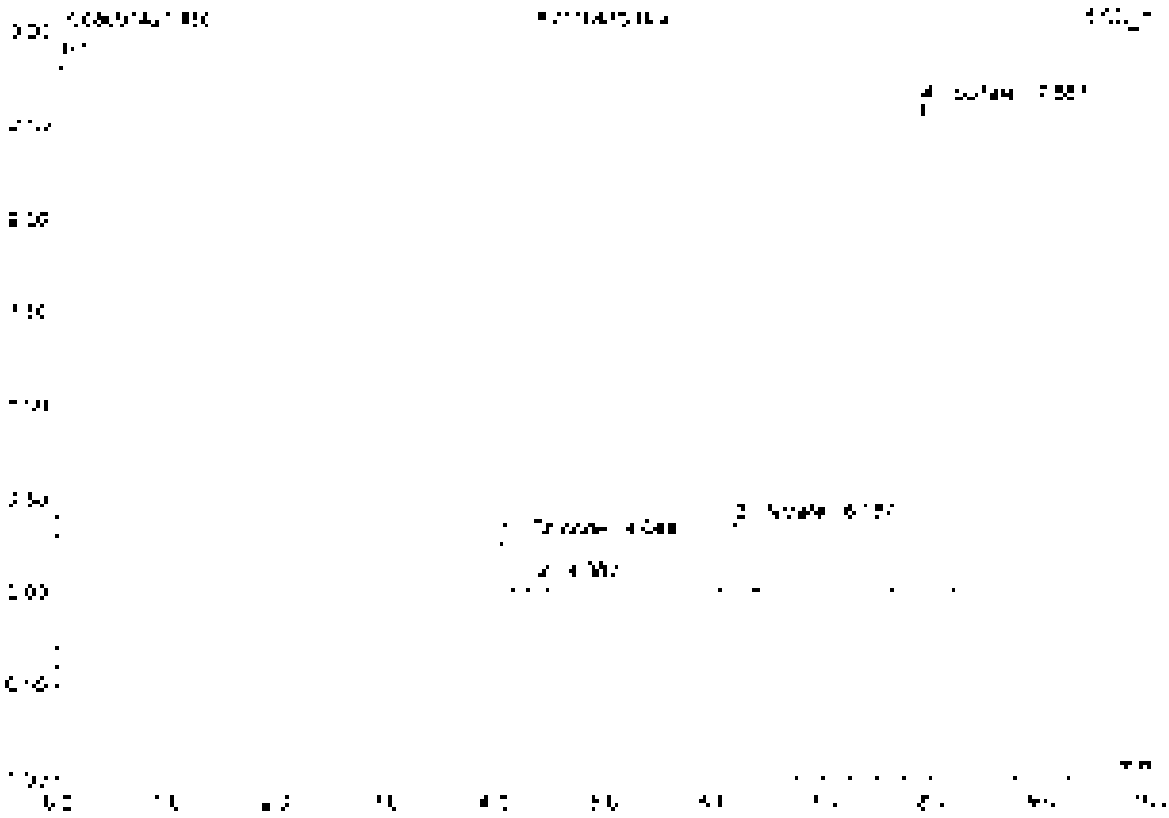
Sample Name	K2110475-001SD	Injection Volume	25.0
Vial Number	33	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant Method	wpa300	Dilution Factor	40.0000
Recording Time	9/14/2021 21:03	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	3.33	Fluoride	2.261	0.563	1.04	130.241	BMB
2	4.31	Chloride	3.724	0.345	1.03	75.405	BMB
3	4.76	Nitrite	5.589	2.408	22.58	[illegible]	BMB
4	5.54	Bromide	1.183	0.145	4.61	72.358	BMB
5	5.13	Nitrate	6.265	3.666	27.71	78.349	BMB
6	7.85	Sulfate	2.642	0.457	15.91	154.725	BMB
Total:			21.614	3.720	100.00	566.496	

50 K2110475-002

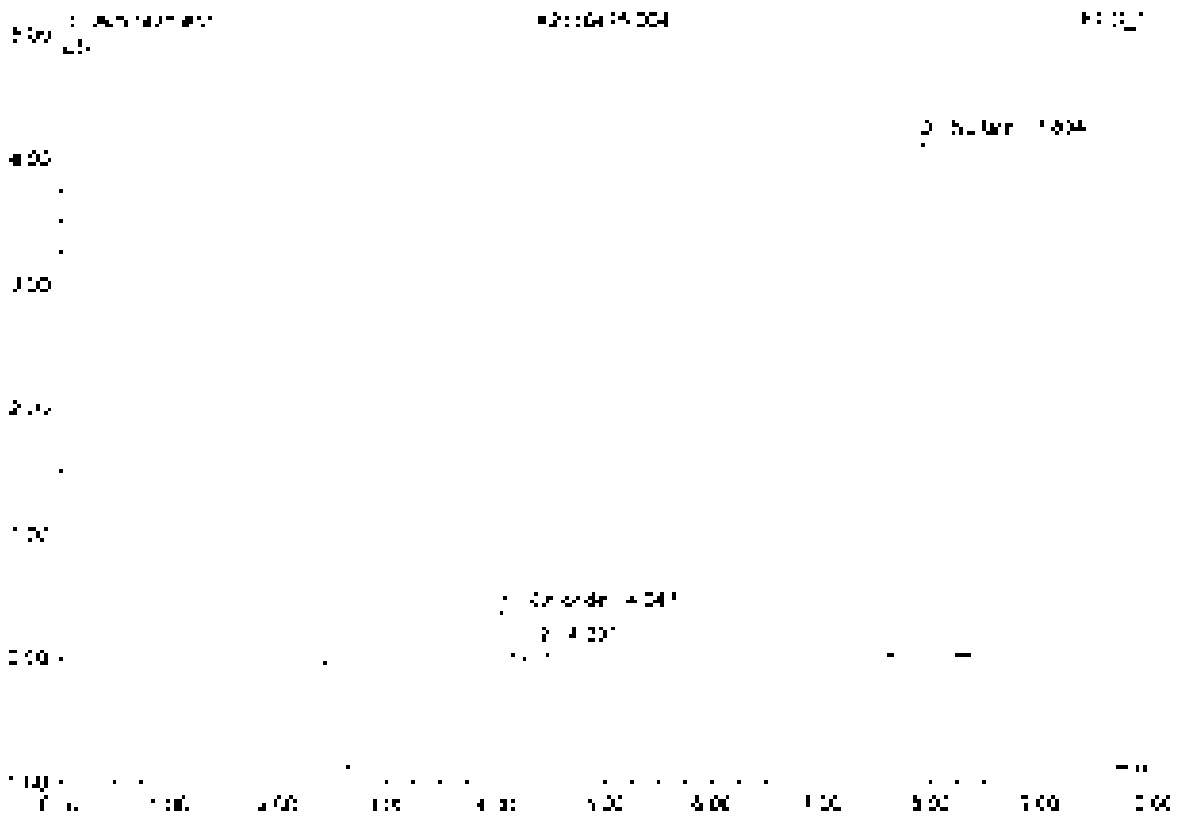
Sample Name	K2110475-002	Injection Volume	25.0
Vial Number	34	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	20.0000
Recording Time	6/14/2021 21:46	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	0.282	0.025	4.60	2.877	BMB
2	4.35	[illegible]	0.052	0.005	0.95	[illegible]	BMB
3	5.18	Nitrate	0.063	0.012	2.03	2.332	BMB
4	7.59	Sulfate	2.596	0.487	80.42	75.889	BMB
Total:			2.793	0.571	100.00	81.098	

51 K2110475-004

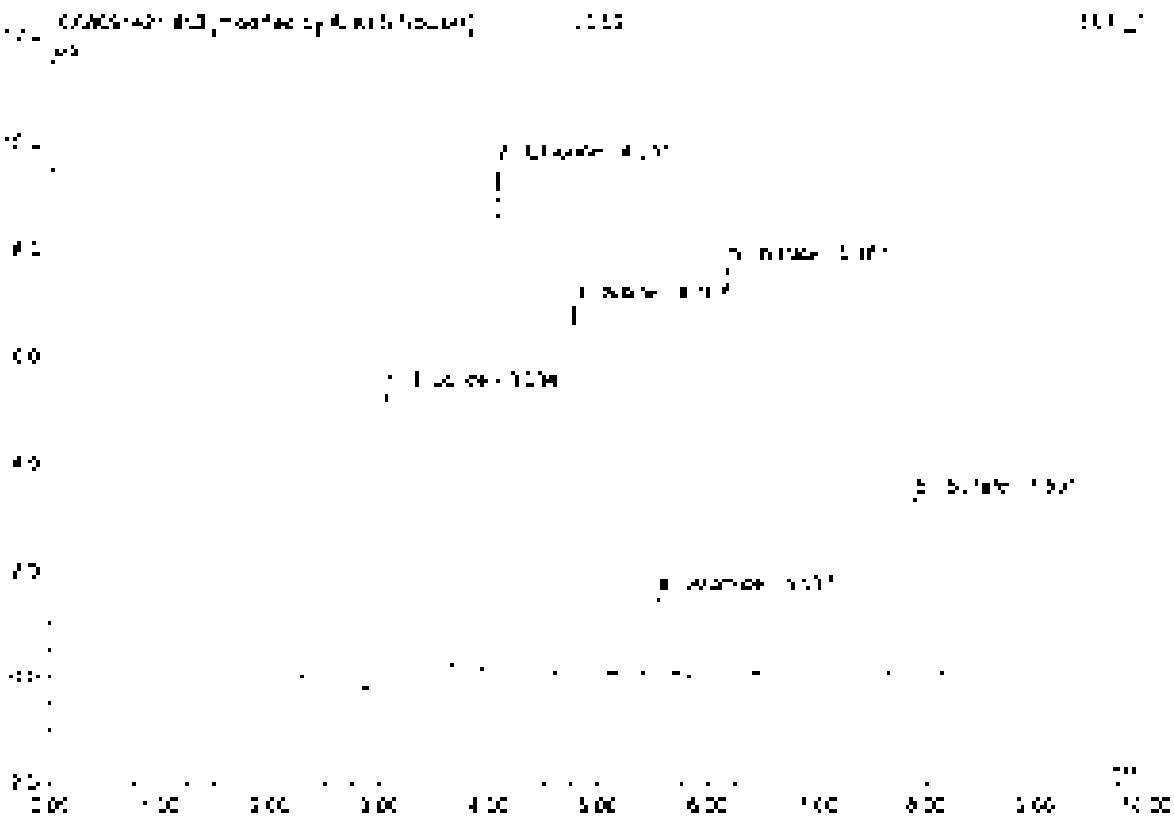
Sample Name	K2110475-004	Injection Volume	35.0
Vial Number	35	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	10.0000
Recording Time	9/14/2021 11:26	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.075	0.035	4.28	[illegible]	BMB
2	4.39	n.a.	0.095	0.010	1.20	n.a.	BMB
3	7.89	Sulfate	4.141	0.778	94.54	66.587	BVB
Total:			4.311	0.823	100.00	62.507	

52 LCS2

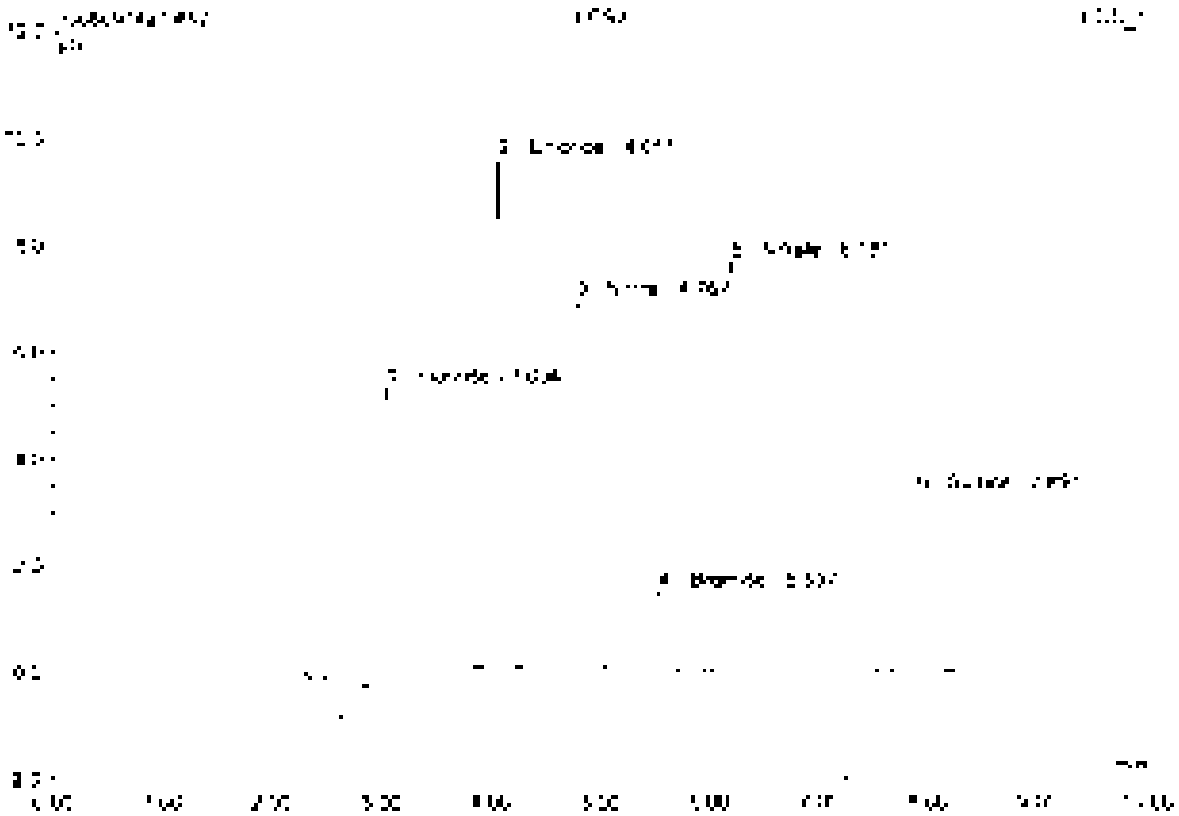
Sample Name	LCS2	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	9/14/2021 23:00	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	5.198	1.167	24.37	[illegible]	BV#1
2	4.55	Chloride	9.517	0.869	18.12	4.762	BV#1
3	4.77	Nitrite	6.517	0.959	19.74	2.516	BV#1
4	5.54	Bromide	1.479	0.161	3.36	2.647	BV#1
5	6.18	Nitrate	7.661	1.055	22.00	2.352	BV#1
6	7.29	Sulfate	3.328	0.626	13.06	4.537	BV#1
Total:			34.432	4.797	100.00	22.174	

52 LCS2

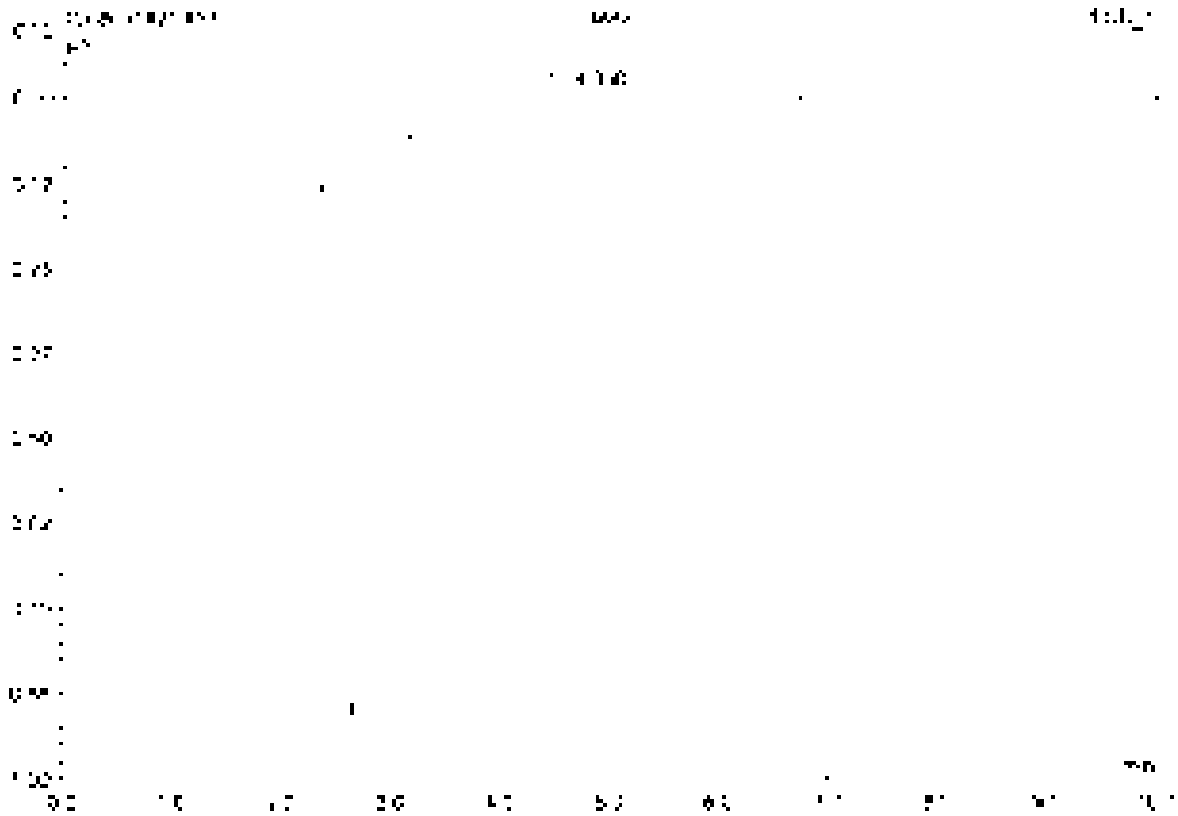
Sample Name	LCS2	Injection Volume	26.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Syringe Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/14/2021 21:36	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	5.535	[illegible]	25.83	5.512	BMB
2	4.05	Chloride	9.511	[illegible]	[illegible]	4.745	BMB
3	4.77	Nitrite	6.900	[illegible]	18.14	2.470	BMB
4	5.54	Bromide	[illegible]	[illegible]	3.71	2.447	BMB
5	[illegible]	Nitrate	7.561	[illegible]	[illegible]	2.388	BMB
6	[illegible]	Sulfate	3.322	[illegible]	[illegible]	4.272	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

53 MB2

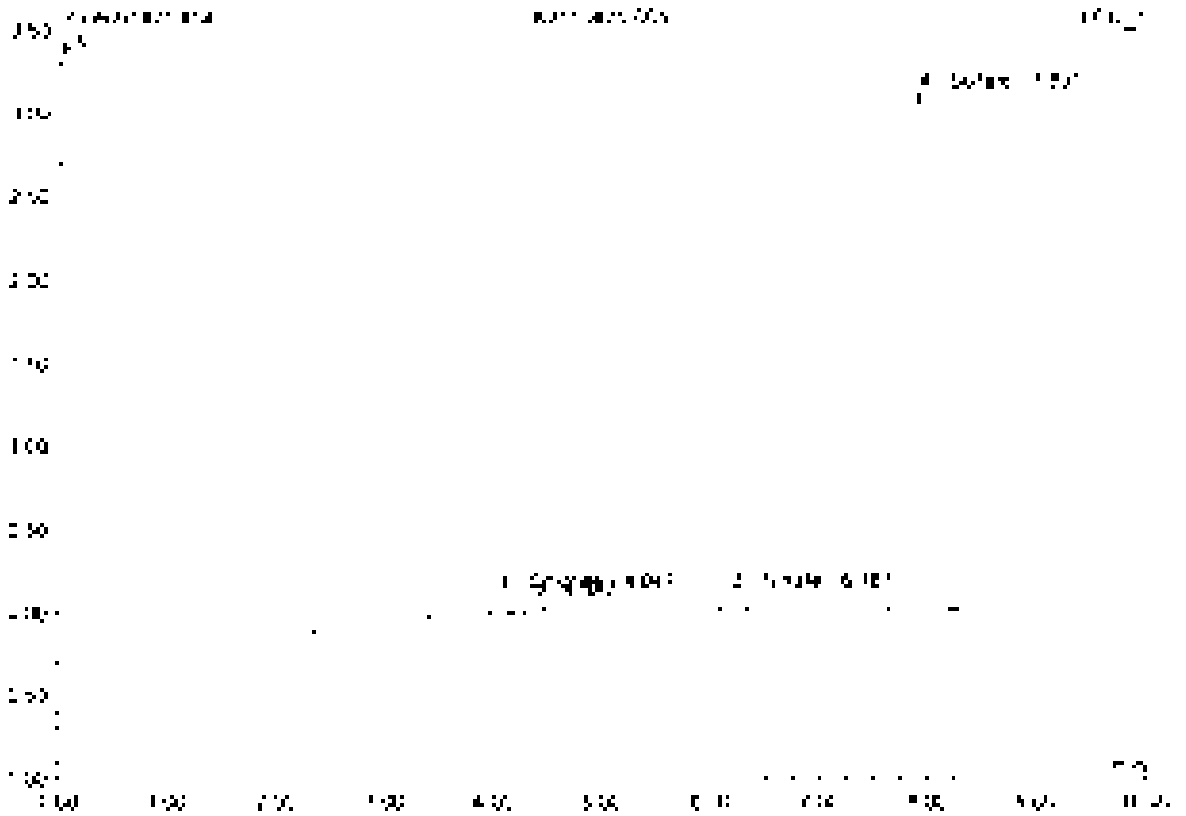
Sample Name	MB2	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa500	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	8/14/2021 21:30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.39	n.a.	0.702	3.140	100.00	n.a.	BMB
Total:			0.702	3.140	100.00	0.000	

54 K2110475-005

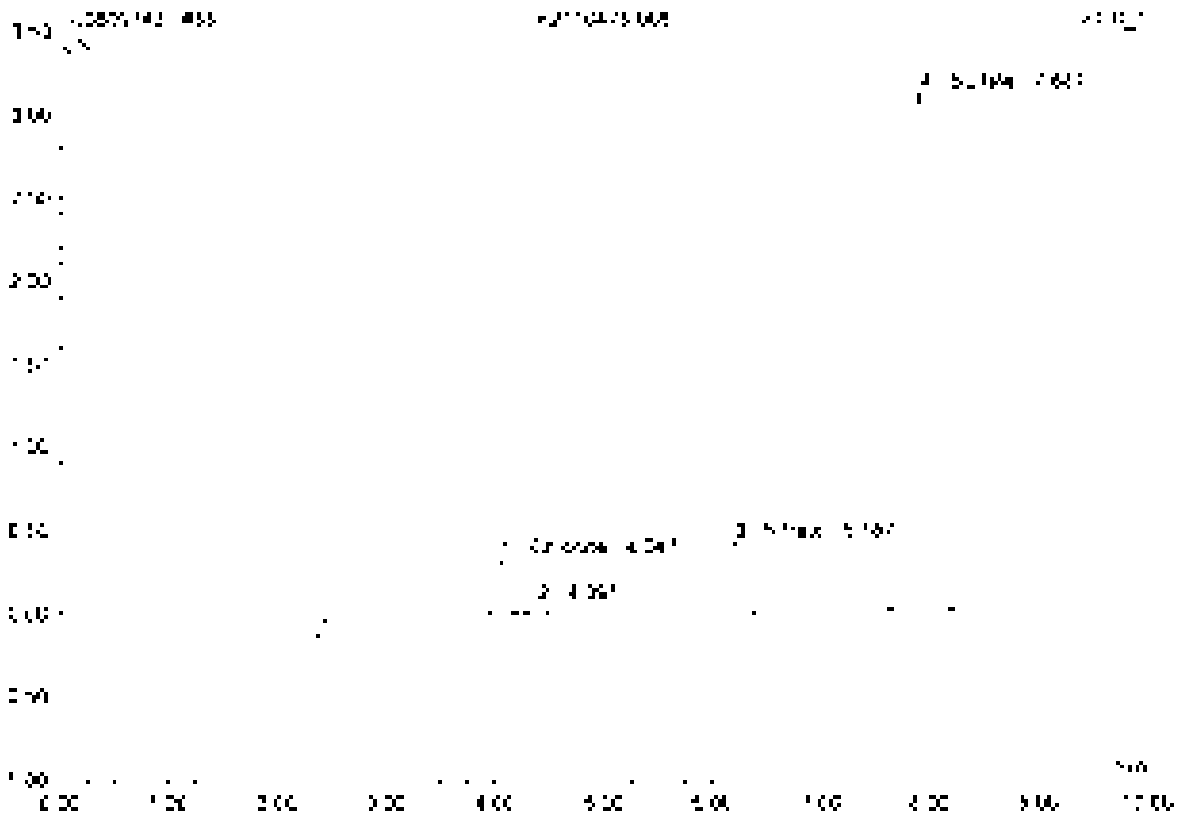
Sample Name	K2110475-005	Injection Volume	25.0
Vial Number	38	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	40.0000
Recording Time	9/14/2021 22:01	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.[illegible]	Chloride	0.[illegible]25	0.0[illegible]3	2.16	2.550	BV9
2	4.39	n.a.	0.067	0.00[illegible]	1.14	n.a.	BM9
3	6.19	Nitrate	0.[illegible]20	0.0[illegible]7	2.69	[illegible].512	BV9
4	7.59	Sulfate	3.[illegible]14	0.585	94.00	[illegible]82.150	BVA
Total:			3.427	0.622	100.00	185.610	

55 K2110475-008

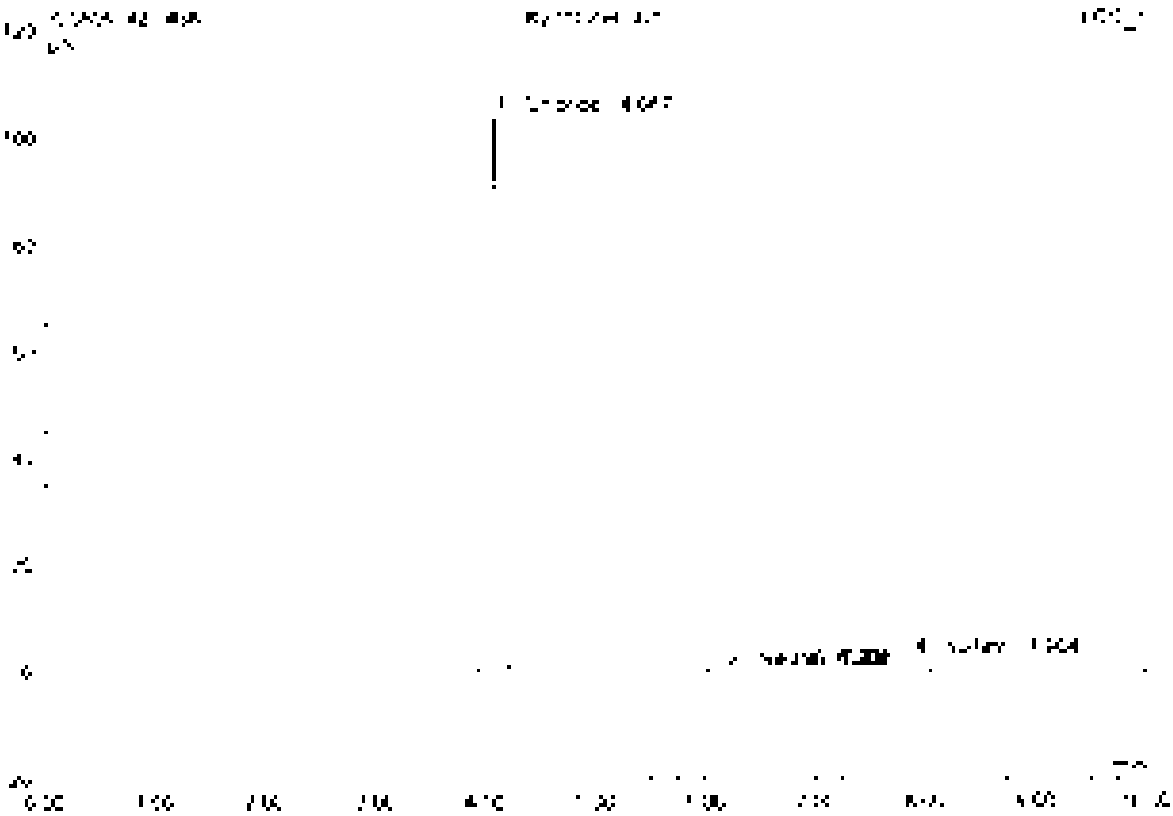
Sample Name	K2110475-008	Injection Volume	25.0
Vial Number	57	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	40.0000
Recording Time	3/14/2021 23:13	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.335	0.032	4.71	[illegible]	BMB
2	4.39	n.a.	0.006	0.006	0.87	n.a.	BMB
3	6.19	Nitrate	0.474	0.059	8.70	5.240	BMB
4	7.89	Sulfate	3.120	0.585	85.72	182.265	BMB
Total:			3.934	0.682	100.00	184.685	

56 K2110284-001

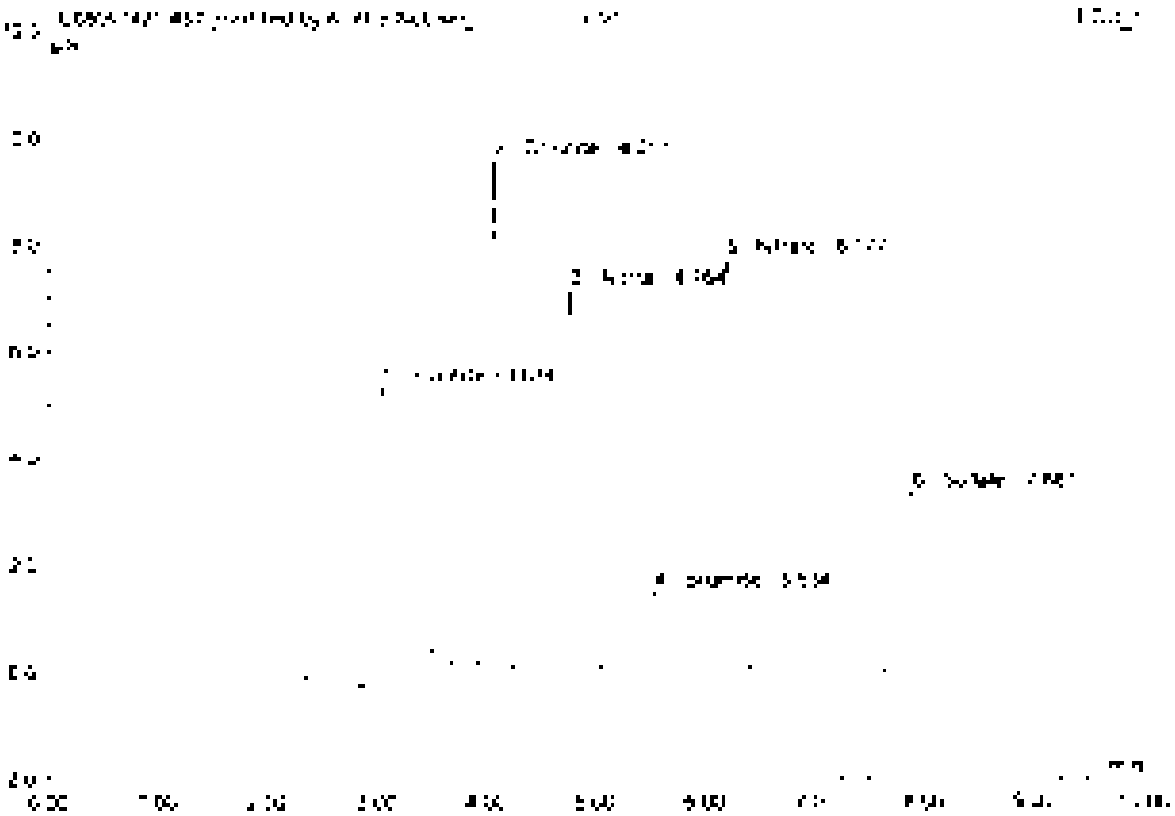
Sample Name	K2110284-001	Injection Volume	25.0
Vial Number	38	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	5.0000
Recording Time	9/14/2021 22:26	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.07	Chloride	[illegible]	9.064	95.07	248.220	BMB
2	5.20	Nitrate	0.033	0.011	0.12	0.109	BMB
3	6.68	[illegible]	0.046	0.018	0.19	n.a.	BVB
4	7.90	Sulfate	2.401	0.450	4.61	17.121	BVB
Total:			[illegible]	9.533	100.00	265.471	

57 CCV5

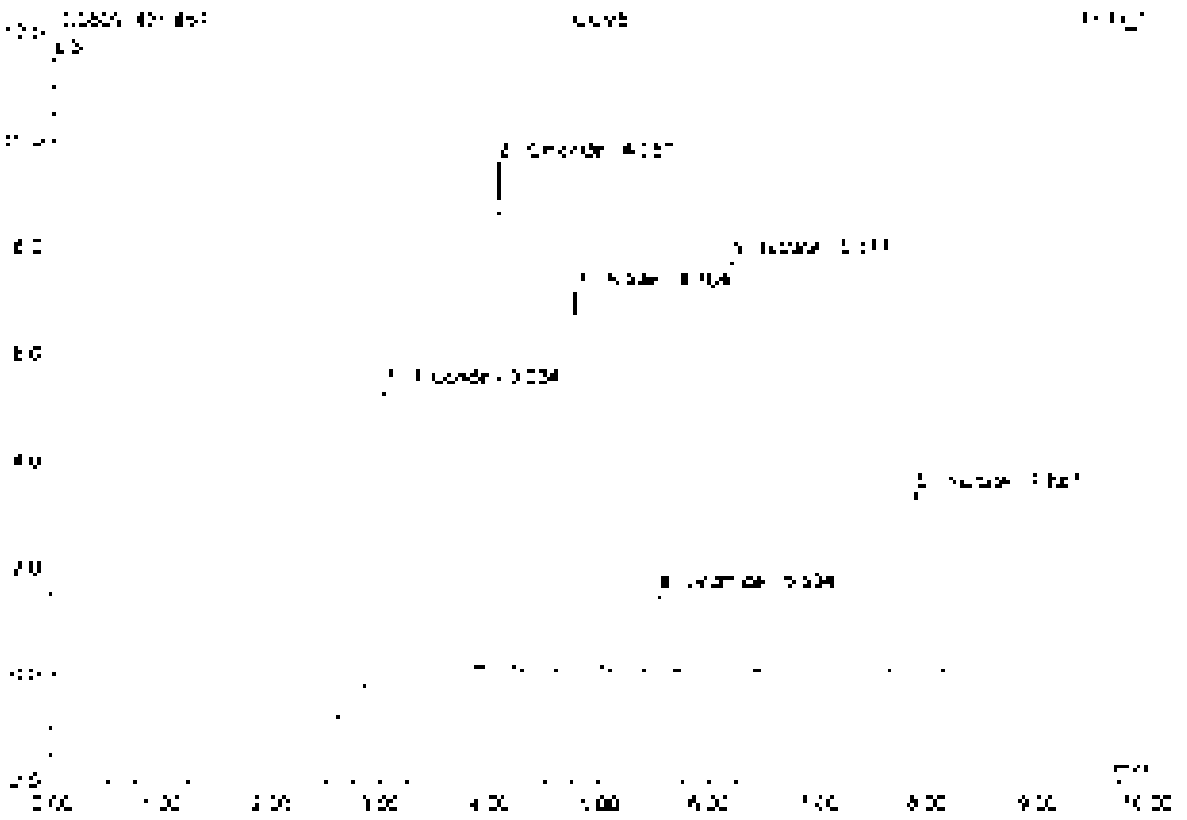
Sample Name	CCV5	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/14/2021 22:36	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.63	Fluoride	5.504	[illegible]	24.35	5.356	BMB*
2	4.05	Chloride	9.495	0.865	[illegible]	4.752	BMB*
3	4.76	Nitrite	7.178	0.928	19.14	7.598	BMB*
4	5.53	Bromide	1.476	0.180	3.71	2.438	BMB
5	6.19	Nitrate	7.713	1.061	21.90	2.462	BMB
6	7.84	Sulfate	3.355	0.630	13.01	4.909	BMB
Total:			34.667	4.847	100.00	22.348	

57 CCV5

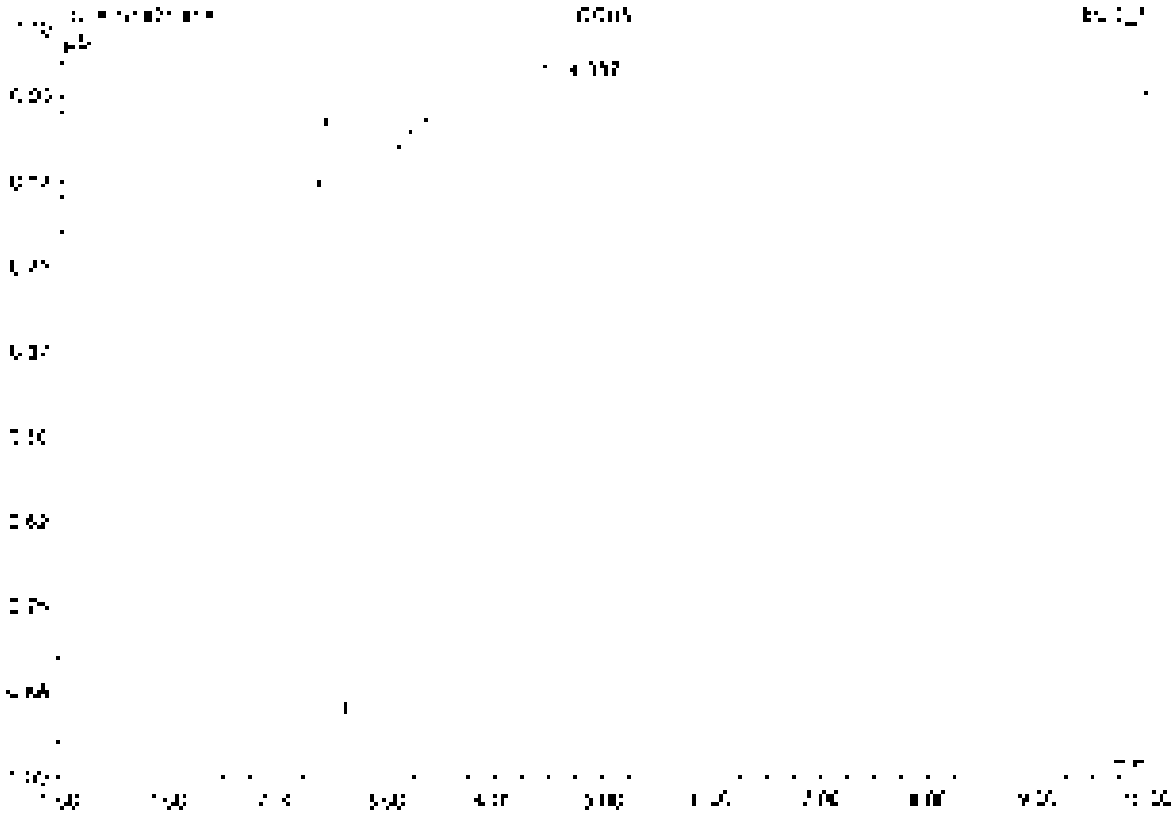
Sample Name	CCV5	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/14/2021 22:36	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

58 CCB5

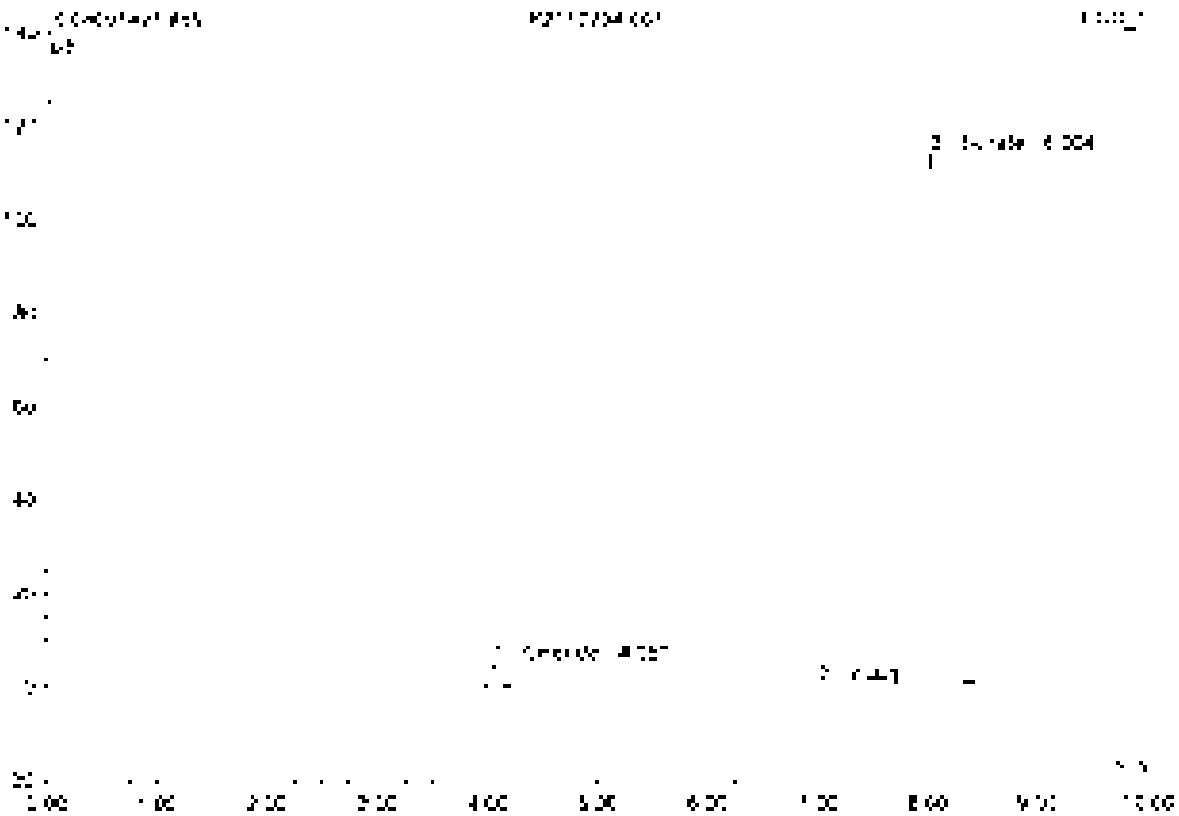
Sample Name	CCB5	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	9/14/2021 22:46	Sample Weight	1.0000
Run Time (min.)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
[illegible]	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMD
Total:			[illegible]	[illegible]	[illegible]	0.000	

59 K2110294-001

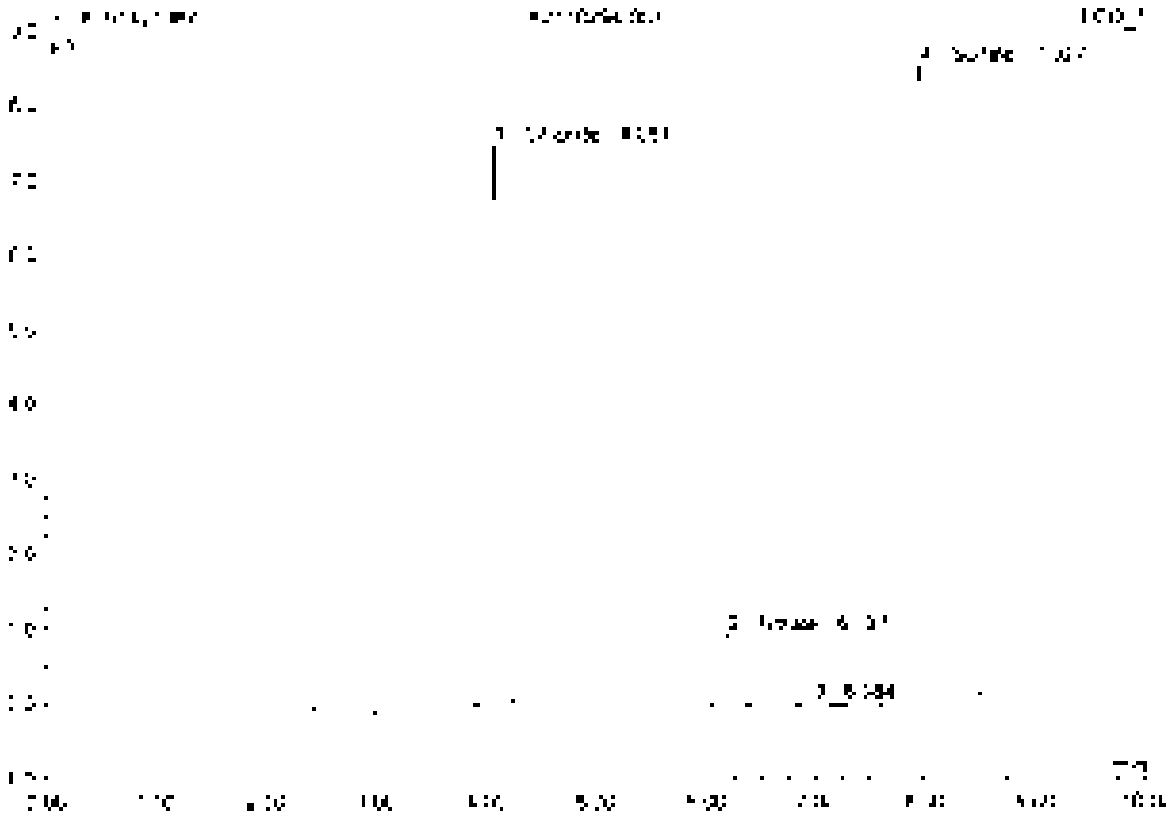
Sample Name	K2110294-001	Injection Volume	25.0
Vial Number	59	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	100.0000
Recording Time	9/14/2021 23:00	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.06	Chloride	4.730	0.472	2.09	258.501	BV B
2	7.00	n.a.	0.342	0.014	0.06	n.a.	BV B
3	8.06	Sulfate	113.201	22.082	97.85	**********	BV B
Total:			117.872	22.568	100.00	**********	

60 K2110294-003

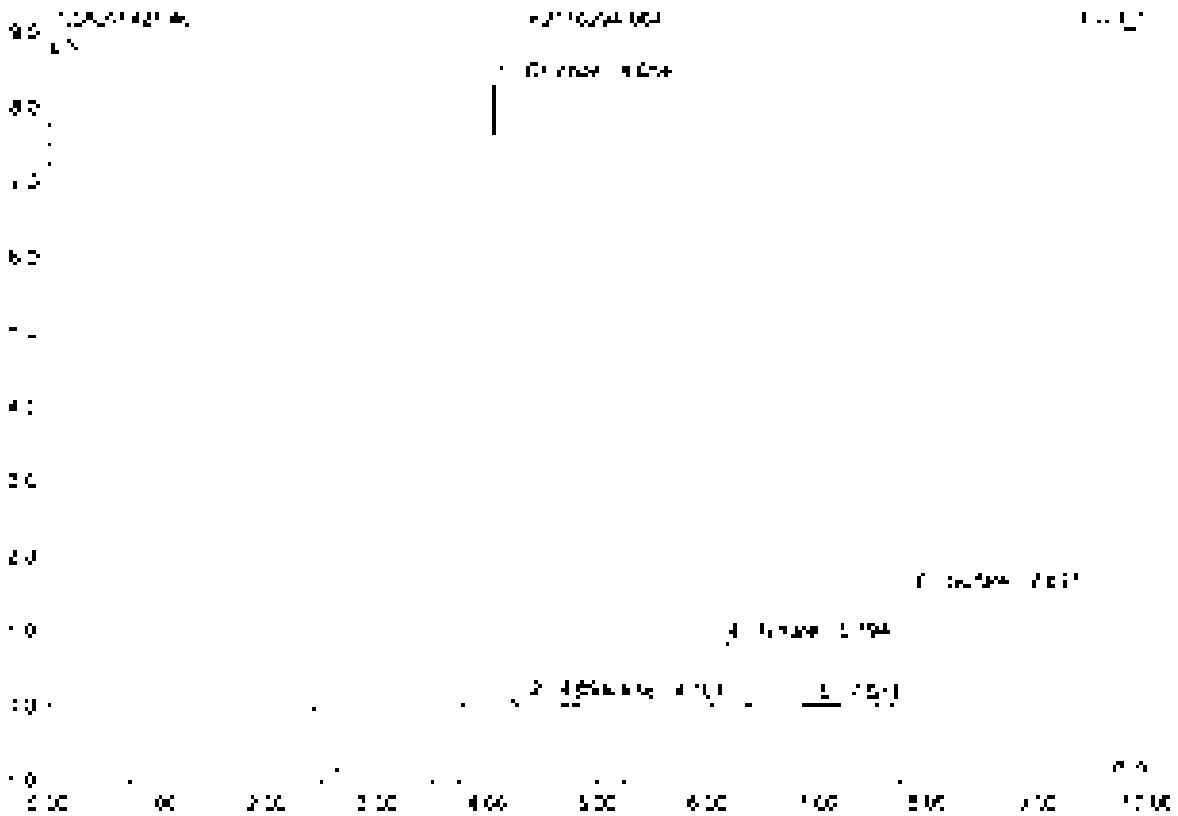
Sample Name	K2110294-003	Injection Volume	25.0
Vial Number	40	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant Method	wpa300	Dilution Factor	10.0000
Recording Time	8/14/2021 [illegible]:12	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Chloride	[illegible]	[illegible]	25.65	[illegible]	BMB
2	[illegible]	Nitrate	[illegible]	[illegible]	5.29	[illegible]	BMB
3	[illegible]	[illegible]	[illegible]	[illegible]	0.63	n.a.	BMB
4	[illegible]	Sulfate	[illegible]	[illegible]	67.44	[illegible]	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

61 K2110294-004

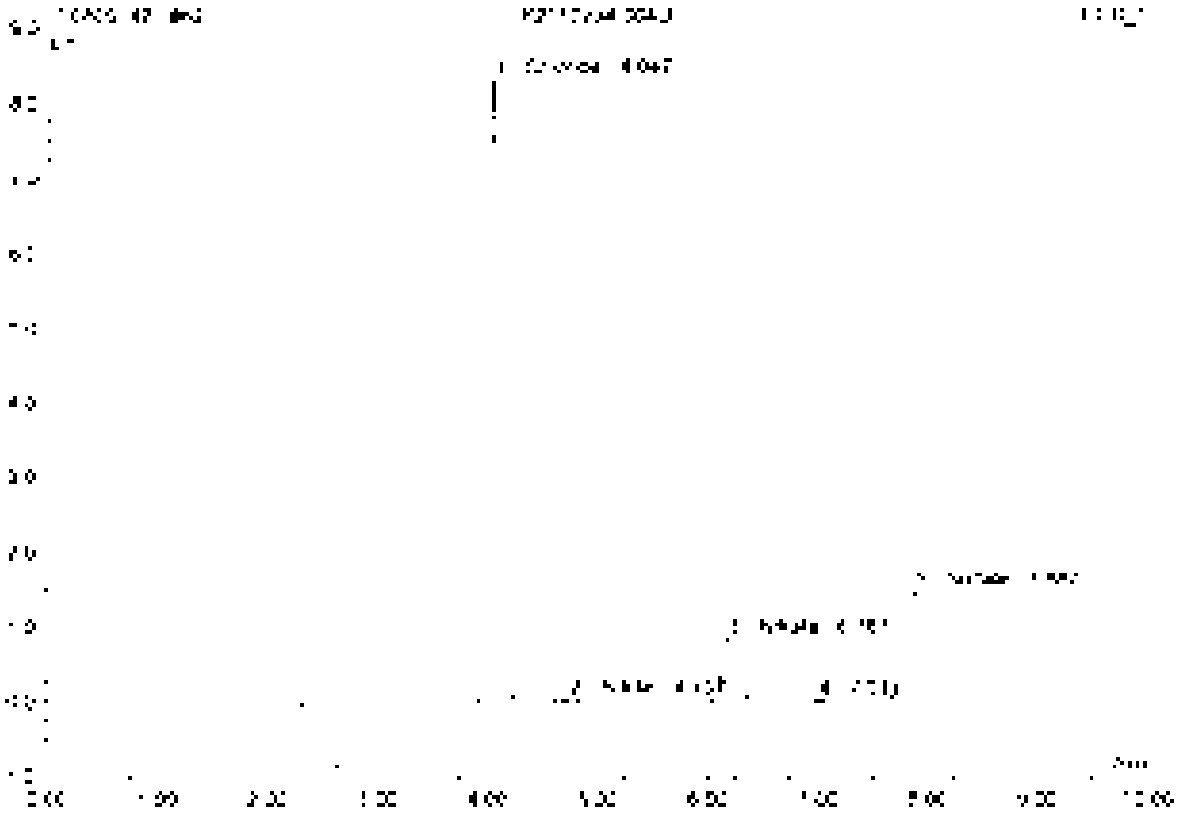
Sample Name	K2110294-004	Injection Volume	25.0
Vial Number	41	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantit. Method	wpa300	Dilution Factor	10.0000
Processing Time	9/14/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.05	Chloride	8.315	0.760	64.30	[illegible]	BMB
2	4.39	n.a.	0.018	0.003	0.45	n.a.	BMB
3	4.75	Nitrite	0.042	0.005	0.44	[illegible]	BMB
4	6.19	Nitrate	0.550	[illegible]	10.76	[illegible]	BMB
5	7.01	n.a.	0.025	0.008	0.68	n.a.	BMB
6	7.50	Sulfate	1.496	0.281	23.50	21.865	BMB
Total:			10.785	1.180	100.00	56.352	

62 K2110294-004D

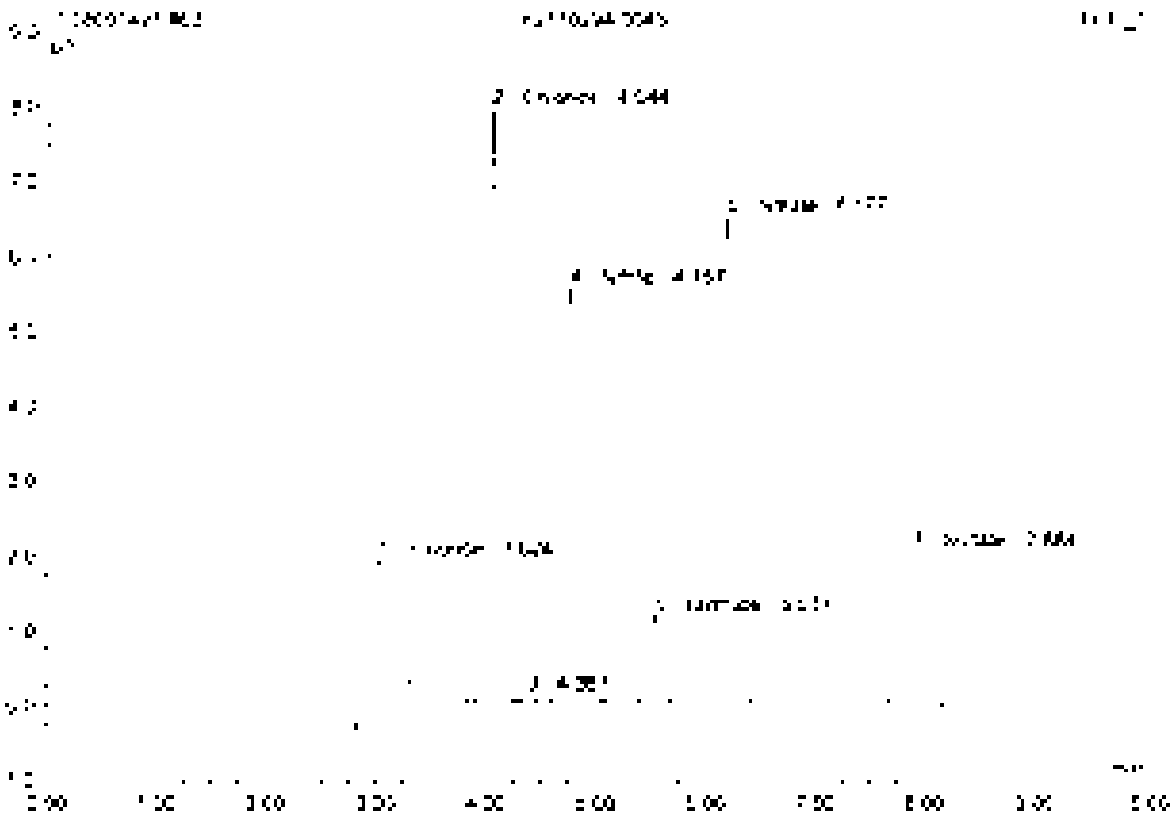
Sample Name	K2110294-004D	Injection Volume	25.0
Vial Number	43	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	10.0000
Processing Time	[illegible] 23:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	8.311	0.760	65.18	41.645	BMB
2	4.75	Nitrite	0.042	0.005	0.45	0.147	BMB
3	6.13	Nitrate	0.551	0.121	10.35	2.733	BMB
4	7.01	n.a.	0.020	0.006	0.54	n.a.	BMB
5	7.89	Sulfate	1.477	0.274	23.48	21.139	BMB
Total:			10.702	1.167	100.00	65.245	

63 K2110294-004S

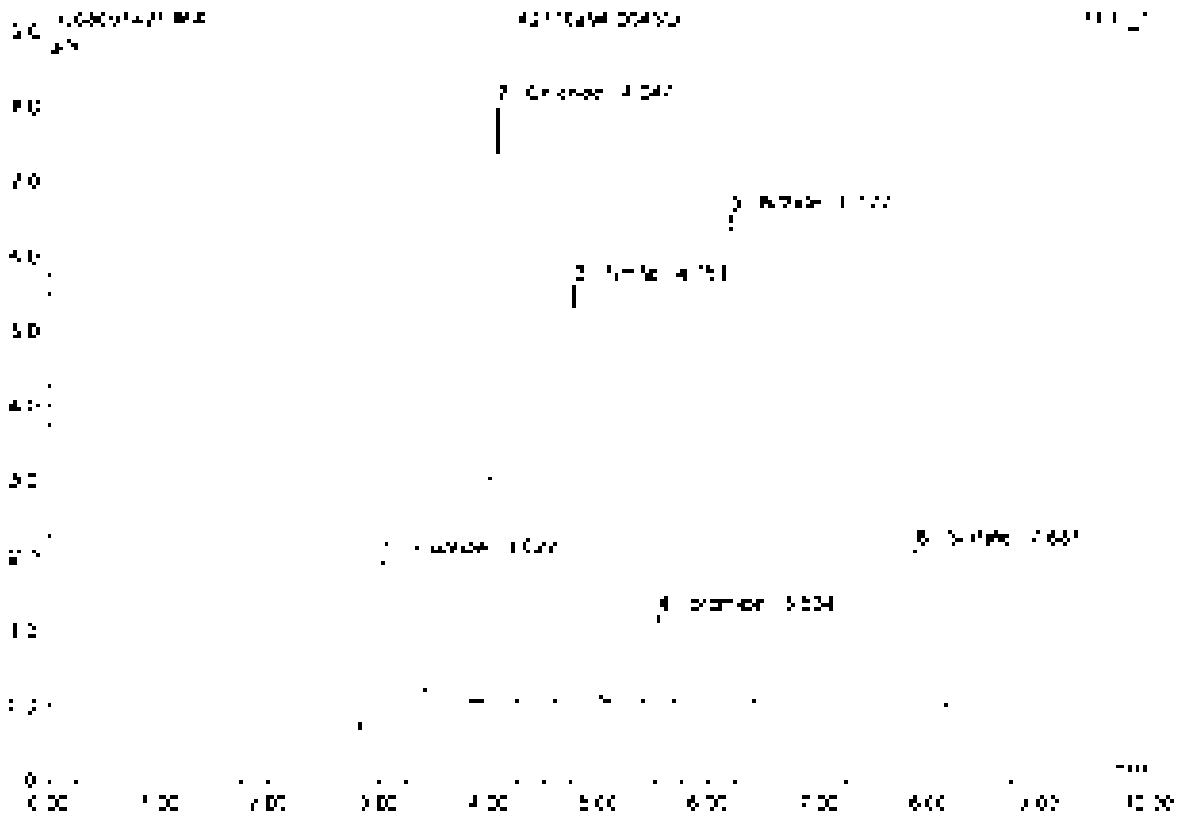
Sample Name	K2110294-004S	Injection Volume	25.0
Vial Number	63	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantif. Method	wpa300	Dilution Factor	20.0000
Recording Time	5/14/2021 23:47	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	3.32	Fluoride	2.187	0.553	16.12	40.195	BVB
2	4.04	Chloride	7.524	0.725	21.15	79.435	BMB
3	4.38	n.a.	0.137	0.013	0.37	n.a.	BVB
4	4.76	Nitrite	5.561	0.709	20.67	39.594	BVB
5	5.53	Bromide	1.178	0.145	4.22	38.227	BMB
6	5.78	Nitrate	6.515	0.904	26.37	43.201	BMB
7	7.80	Sulfate	2.062	0.383	11.15	59.605	BMB
Total:			25.504	3.429	100.00	335.263	

64 K2110294-0045D

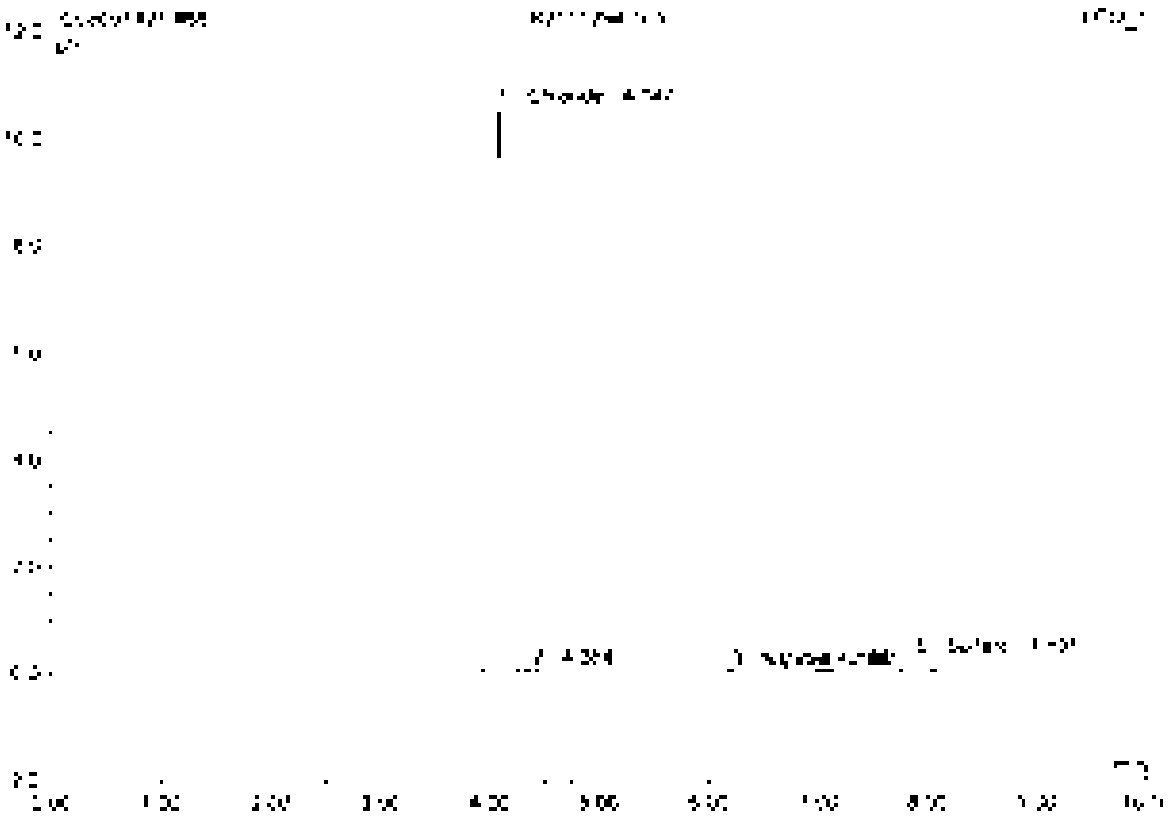
Sample Name	K2110294-0045D	Injection Volume	25.0
Vial Number	64	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	9/14/2021 23:58	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.33	Fluoride	2.205	0.564	16.33	50.133	BVB
2	4.05	Chloride	7.577	0.730	21.14	75.976	BMB
3	4.76	Nitrite	5.580	0.715	20.70	40.015	BVB
4	5.50	Bromide	1.156	0.146	4.23	39.543	BMB
5	5.18	Nitrate	6.554	0.910	26.36	41.201	BMB
6	7.35	Sulfate	2.287	0.360	10.25	50.508	BMB
Total			25.559	3.451	100.00	311.324	

65 K2110294-005

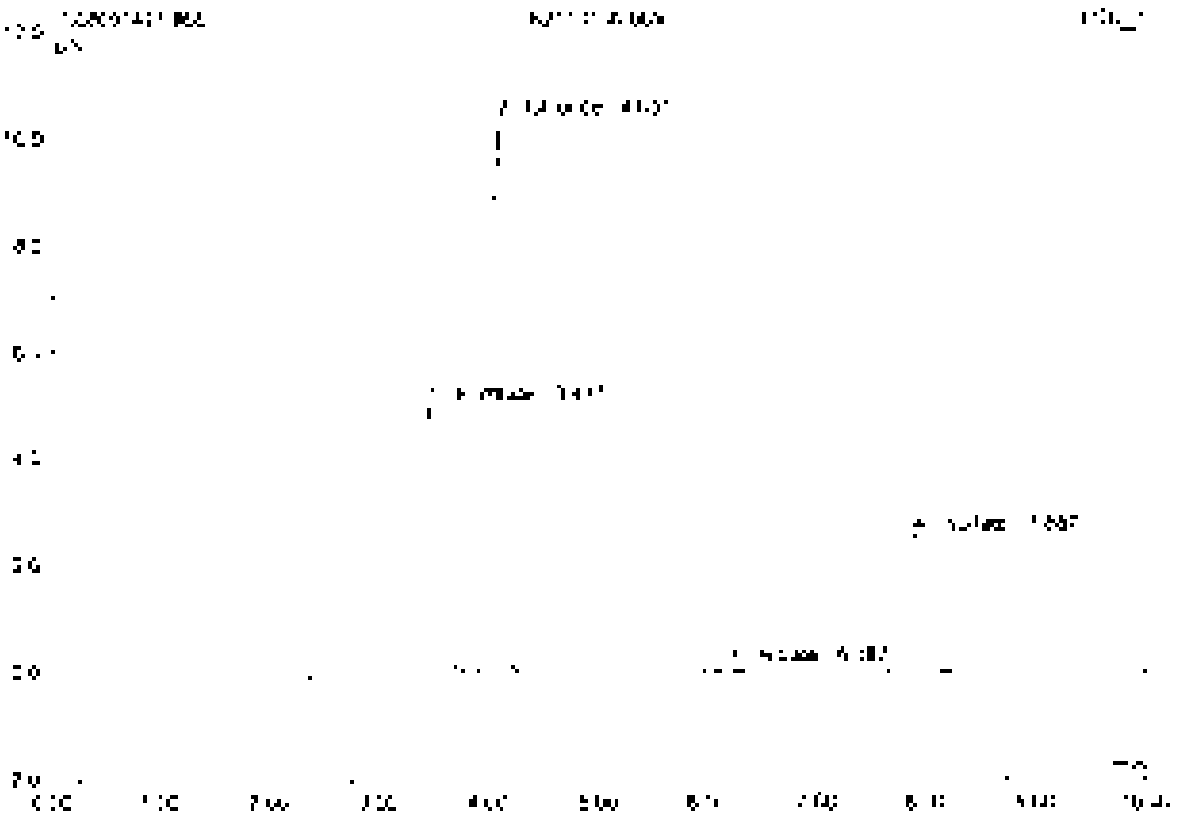
Sample Name	K2110294-005	Injection Volume	25.0
Vial Number	45	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantif. Method	wpa300	Dilution Factor	5.0000
Recording Time	9/15/2021 0:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	10.554	0.960	93.07	26.259	BMB
2	4.38	n.a.	0.000	0.006	0.56	n.a.	BMB
3	6.19	Nitrite	0.006	0.006	0.53	0.062	BMB
4	7.00	n.a.	0.010	0.012	1.12	n.a.	BMB
5	7.55	Sulfate	0.258	0.049	4.73	1.899	BMB
Total:			10.550	1.032	100.00	28.259	

66 K2110106-009

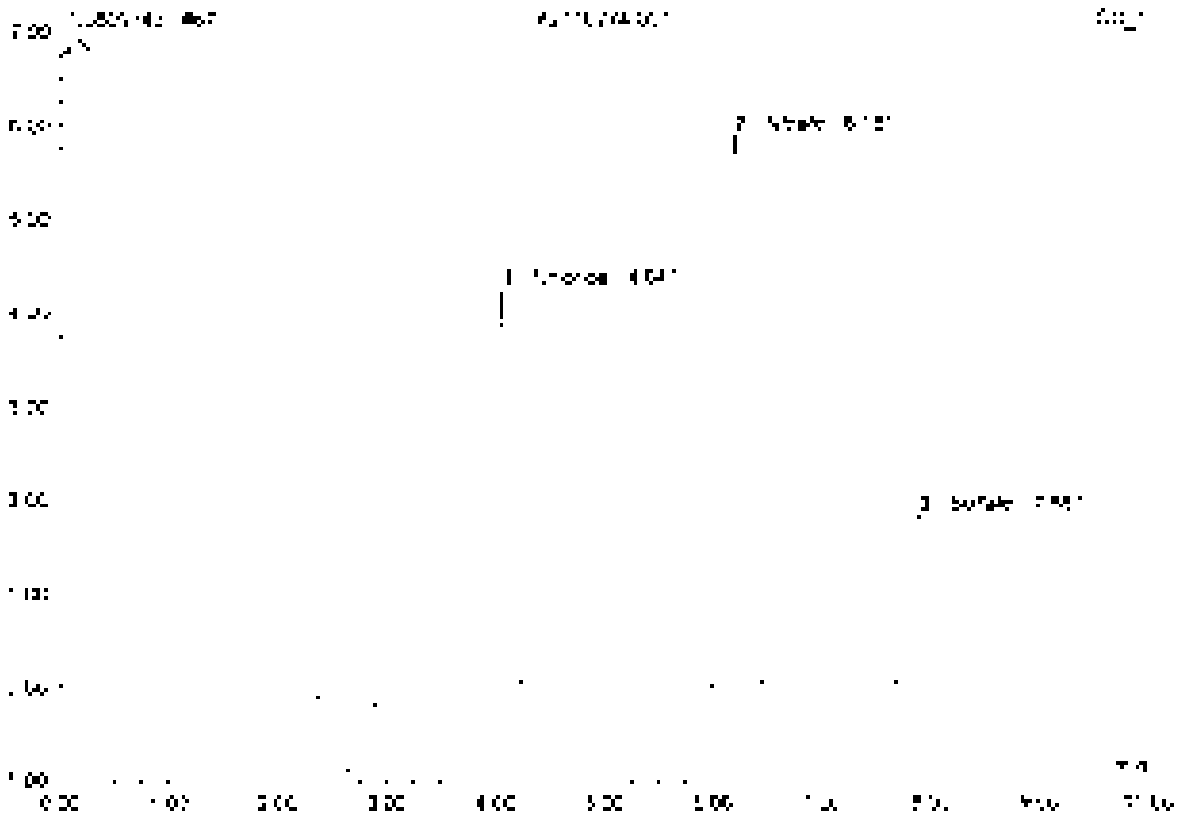
Sample Name	K2110106-009	Injection Volume	25.0
Vial Number	50	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	100.0000
Recording Time	9/15/2021 0:22	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.44	Formate	4.969	0.625	30.44	n.a.	BMB
2	4.30	Chloride	10.134	0.935	45.58	1028.577	BMB
3	6.15	Nitrate	0.093	0.014	0.67	6.949	BV9
4	7.85	Sulfate	2.541	0.479	23.30	745.237	BV9
Total: 4			17.536	2.054	100.00	1777.063	

57 K2110274-001

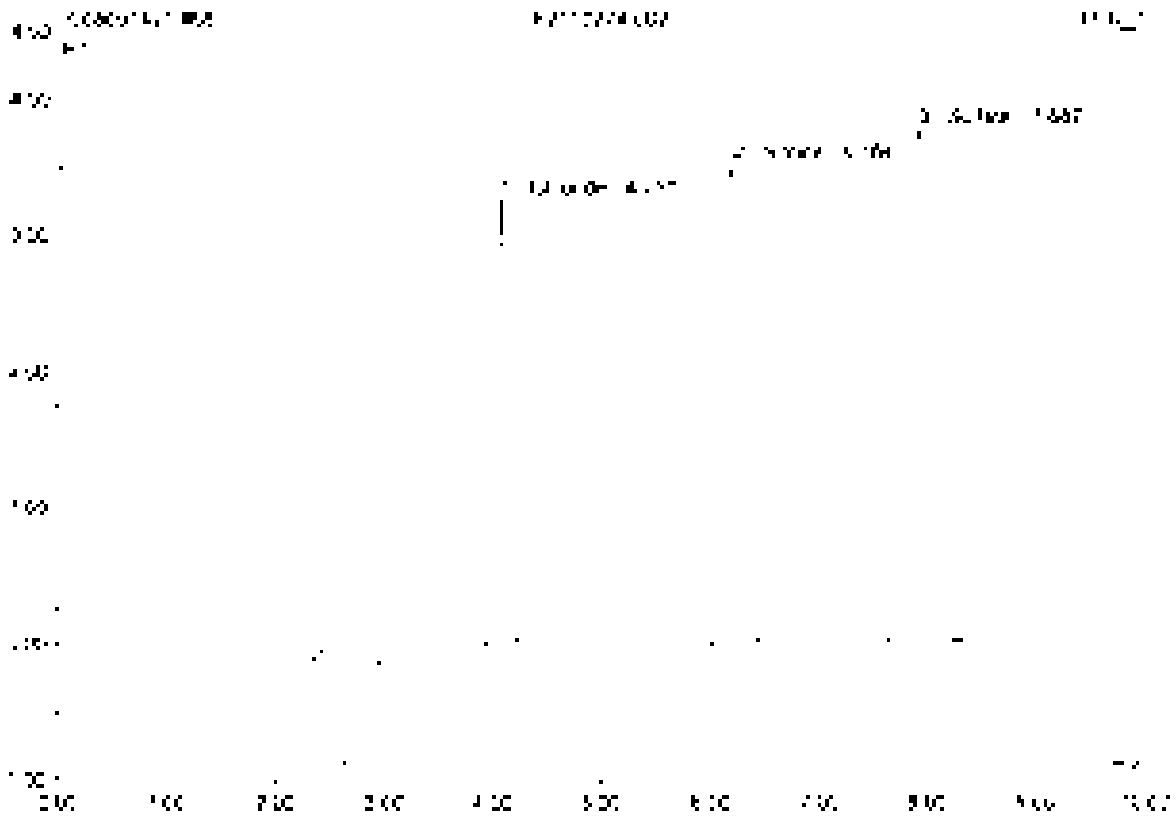
Sample Name	K2110274-001	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	40.0000
Processing Time	5/11/2021 6:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	4.05	Chlorate	4.247	0.393	25.34	88.151	BV B
2	6.18	Nitrate	5.891	0.815	52.68	183.012	BV B
3	7.84	Sulfate	3.825	0.341	21.98	196.24c	BV B
Total			13.963	1.552	100.00	266.479	

68 K2110274-002

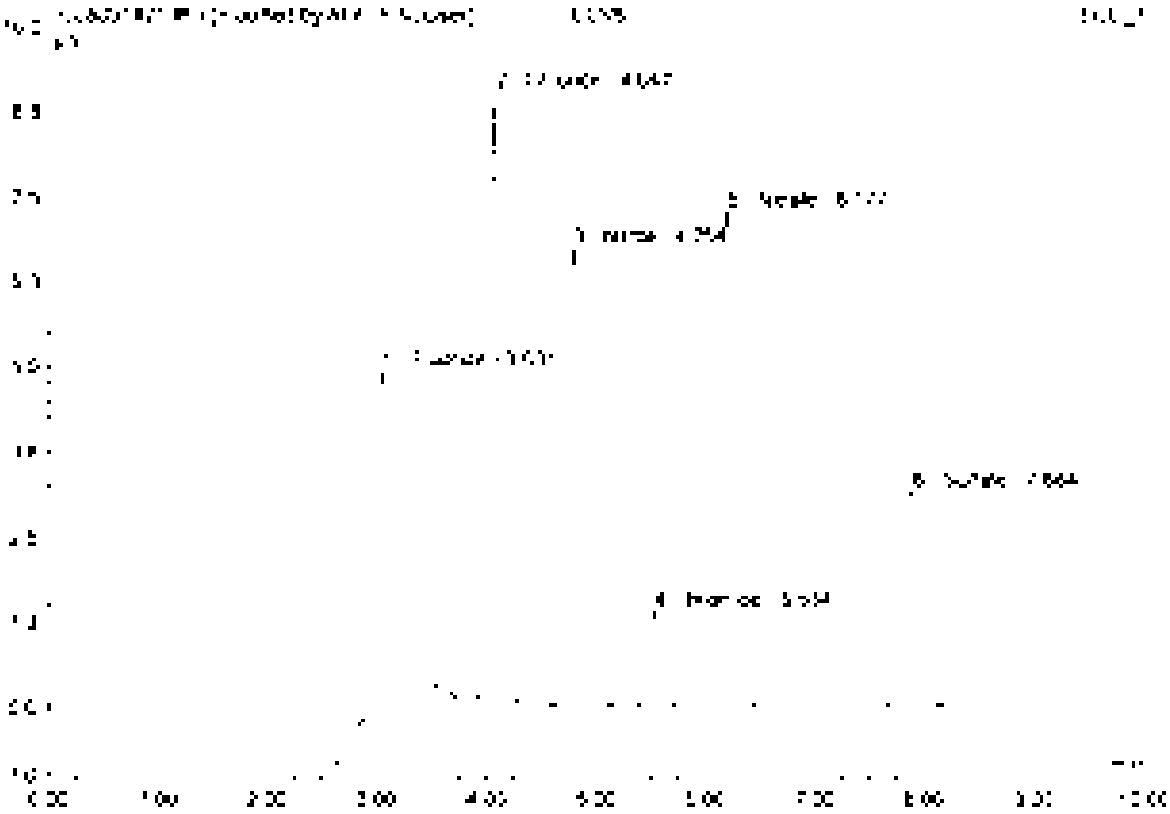
Sample Name	K2110274-002	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	200.0000
Recording Time	9/15/2021 9:45	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.35	Chloride	3.270	0.303	20.10	321.555	BV B
2	6.18	Nitrate	3.522	0.491	32.67	522.041	BV B
3	7.55	Sulfate	3.774	0.708	47.17	1102.538	BV B
Total:			10.566	1.502	100.00	1946.135	

69 CCV6

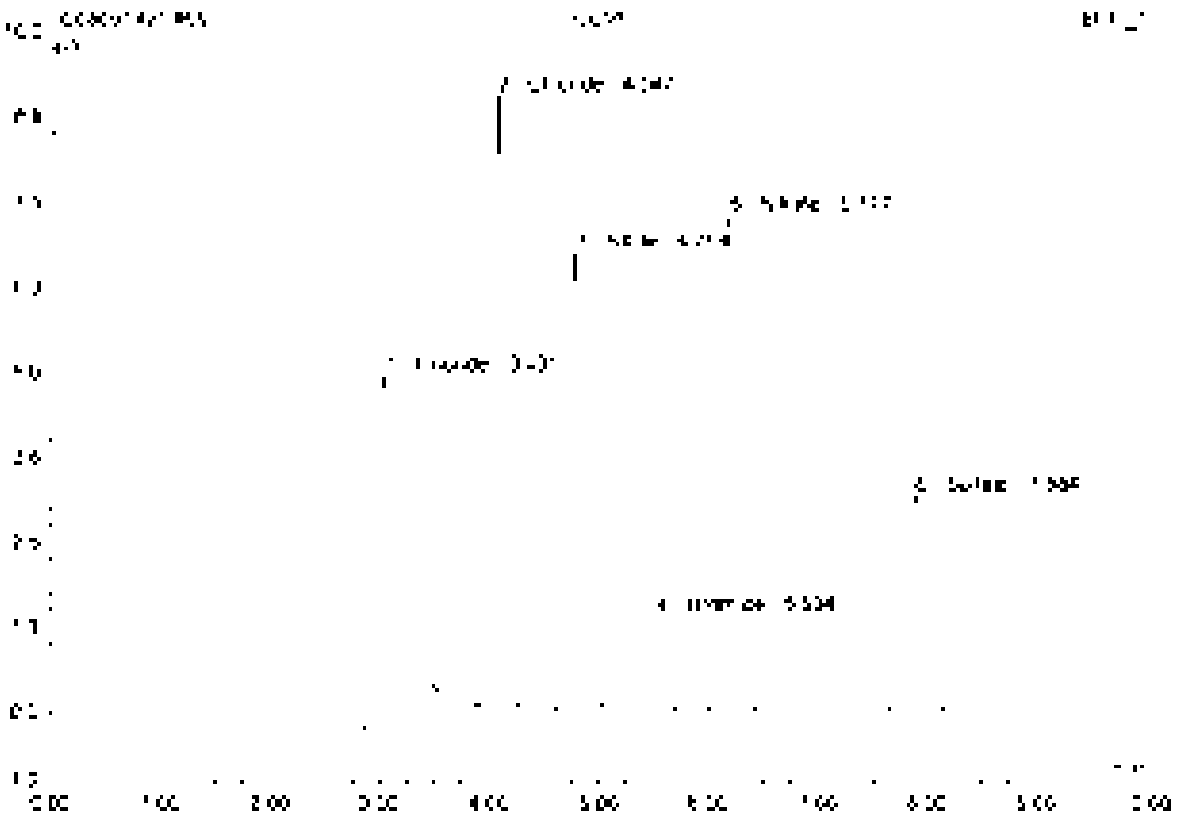
Sample Name	CCV6	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	8/15/2011 0:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.03	Fluoride	5.114	[illegible]	24.10	5.918	BMB*
2	4.05	Chloride	8.363	0.522	[illegible]	4.500	BMB*
3	4.76	Nitrite	5.724	0.574	[illegible]	2.448	BMB*
4	5.53	Bromide	1.565	0.170	8.12	2.308	BMB
5	6.19	Nitrate	7.782	1.004	21.96	[illegible]	BMB
6	7.88	Sulfate	3.172	0.564	[illegible]	4.627	BMB
Total:			32.650	4.570	100.00	21.672	

69 CCV6

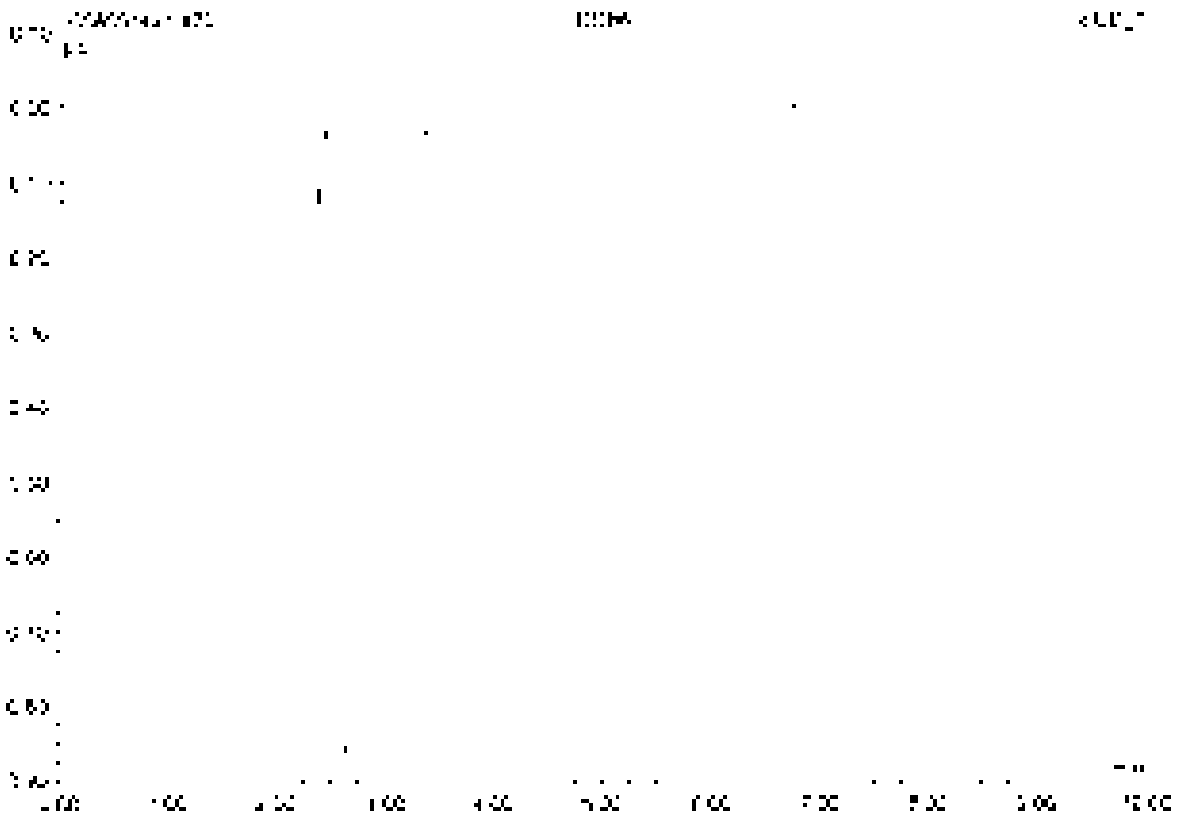
Sample Name	CCV6	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 0:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.02	Fluoride	5.146	1.179	25.50	5.246	BMB
2	4.05	Chloride	3.954	0.815	17.65	4.471	BMB
3	4.76	Nitrite	6.708	0.860	18.60	2.435	BVB
4	5.53	Bromide	7.095	0.170	3.68	2.308	BVB
5	6.78	Nitrate	7.982	1.004	21.70	2.271	BMB
6	7.88	Sulfate	3.577	0.594	12.85	4.627	BMB
Total			32.555	4.624	100.00	21.332	

70 CCB6

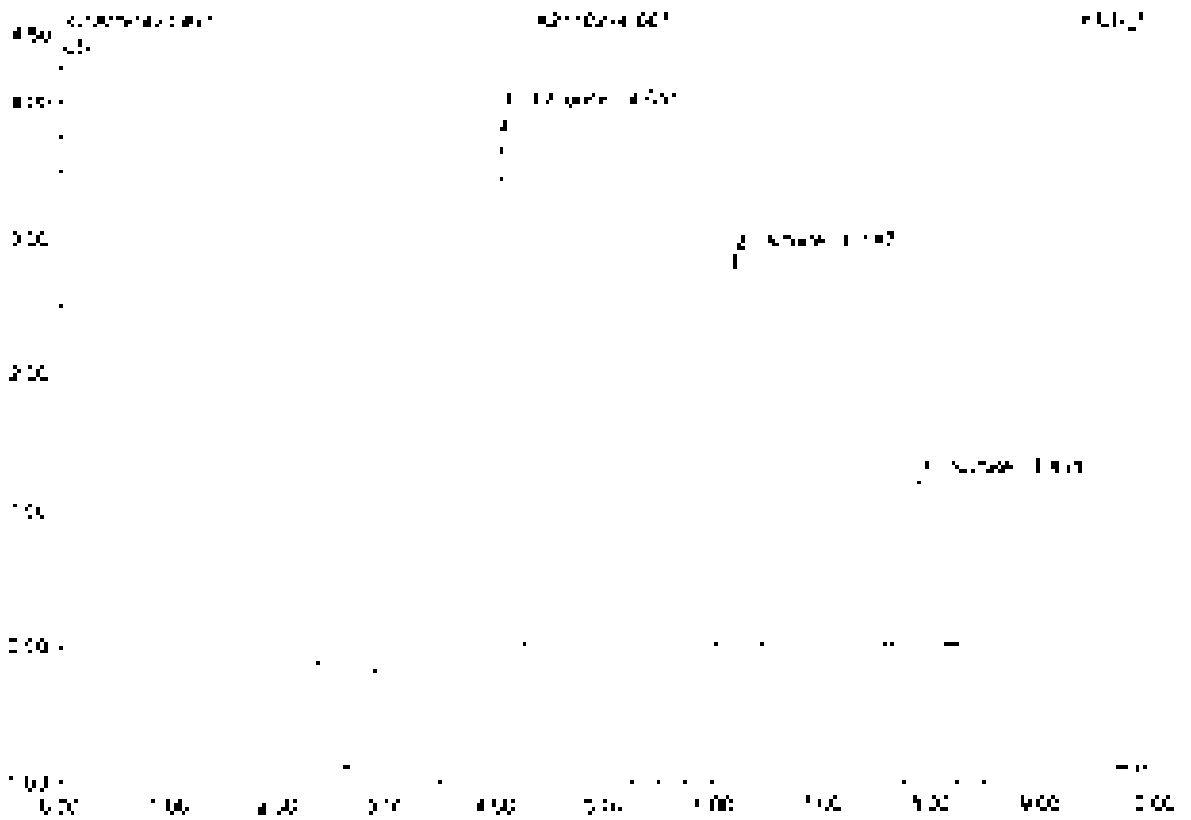
Sample Name	CCB6	Injection Volume	75.0
Vial Number	49	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 1:00	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

71 K2110274-003

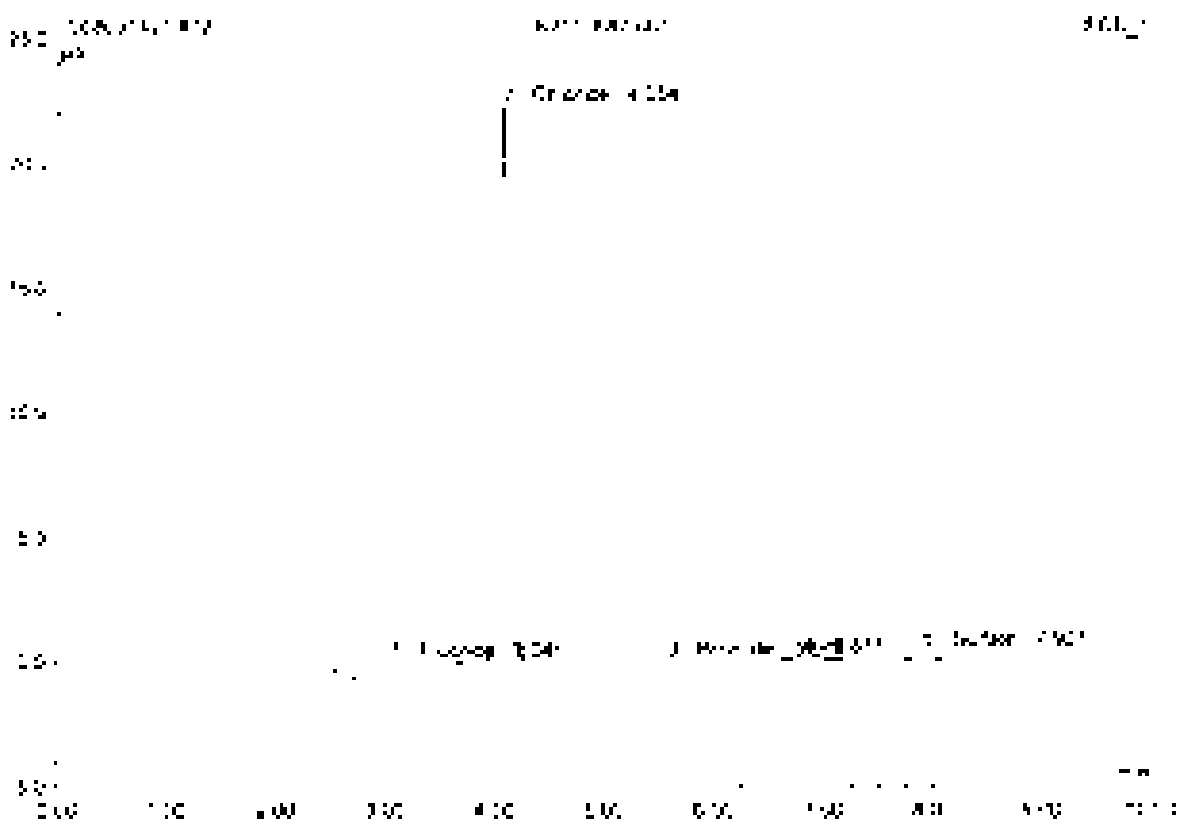
Sample Name	K2110274-003	Injection Volume	35.0
Vial Number	5	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	40.0000
Recording Time	3/15/2021 1:21	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.03	Chloride	3.960	0.394	36.48	79.634	BV8
2	5.79	Nitrate	2.889	0.405	40.53	36.550	BV8
3	7.89	Sulfate	1.217	0.230	22.99	21.517	BV8
Total			8.066	0.999	100.00	137.701	

72 K2110687-001

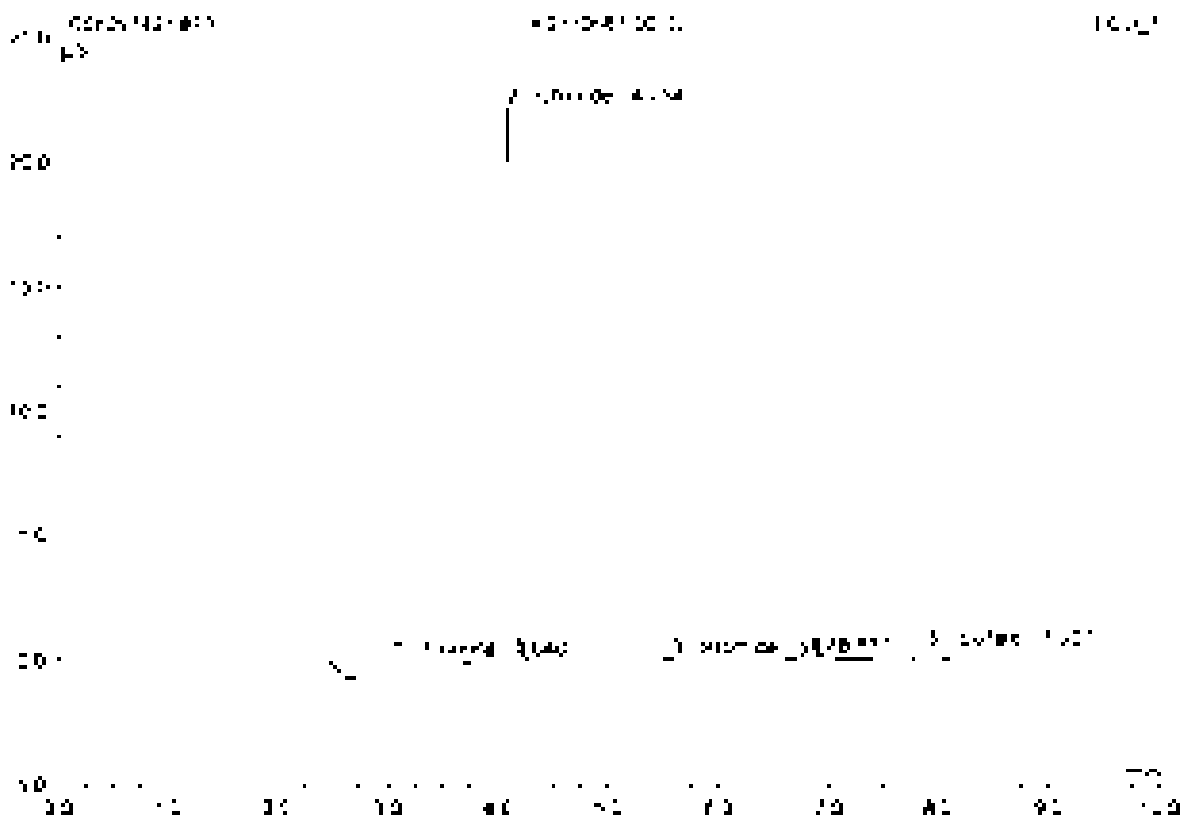
Sample Name	K2110687-001	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Operator Program	epa300	Bandwidth	n.a.
Current Method	epa300	Dilution Factor	2.0000
Recording Time	9/13/2021 1:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.24	Fluoride	0.512	0.302	1.55	2.699	BV3
2	4.25	Chloride	22.271	2.014	80.95	22.503	BMB
3	5.57	Bromide	0.090	0.074	0.34	0.371	BMB
4	6.87	n.a.	0.175	0.084	3.31	n.a.	BV3
5	7.91	Sulfate	0.455	0.081	3.21	1.256	BMB
Total:			23.454	2.536	100.00	26.830	

73 K2110687-001D

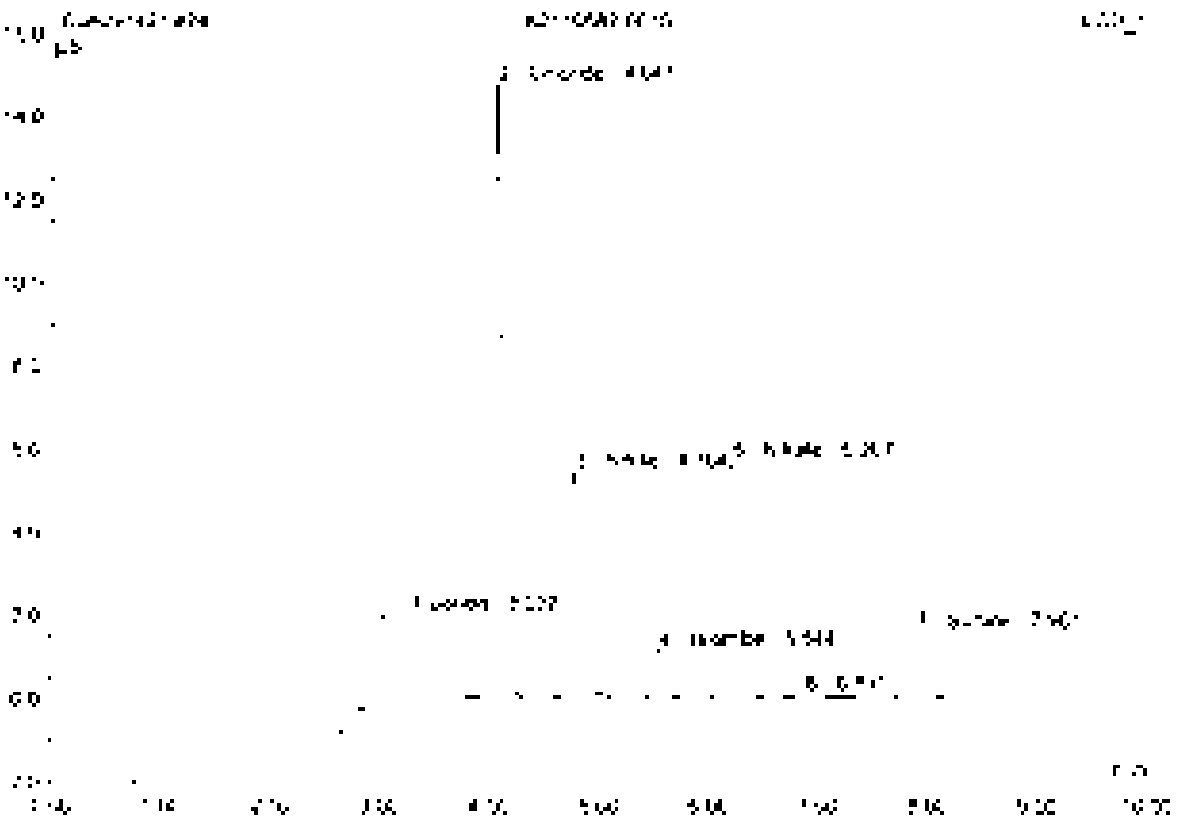
Sample Name	K2110687-001D	Injection Volume	35.0
Vial Number	7	Channel	IC/D 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Processing Time	3/15/2021 1:45	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.04	Fluoride	0.542	0.351	1.63	3.125	BMB
2	4.05	Chloride	22.169	2.548	78.44	22.432	BVB
3	5.67	Bromide	0.047	0.014	0.56	0.203	BMB
4	6.82	n.a.	0.171	0.023	3.21	n.a.	BMB
5	7.97	Sulfate	0.440	0.021	3.16	1.256	BVB
Total:			23.368	2.978	100.00	27.275	

74 K2110687-001S

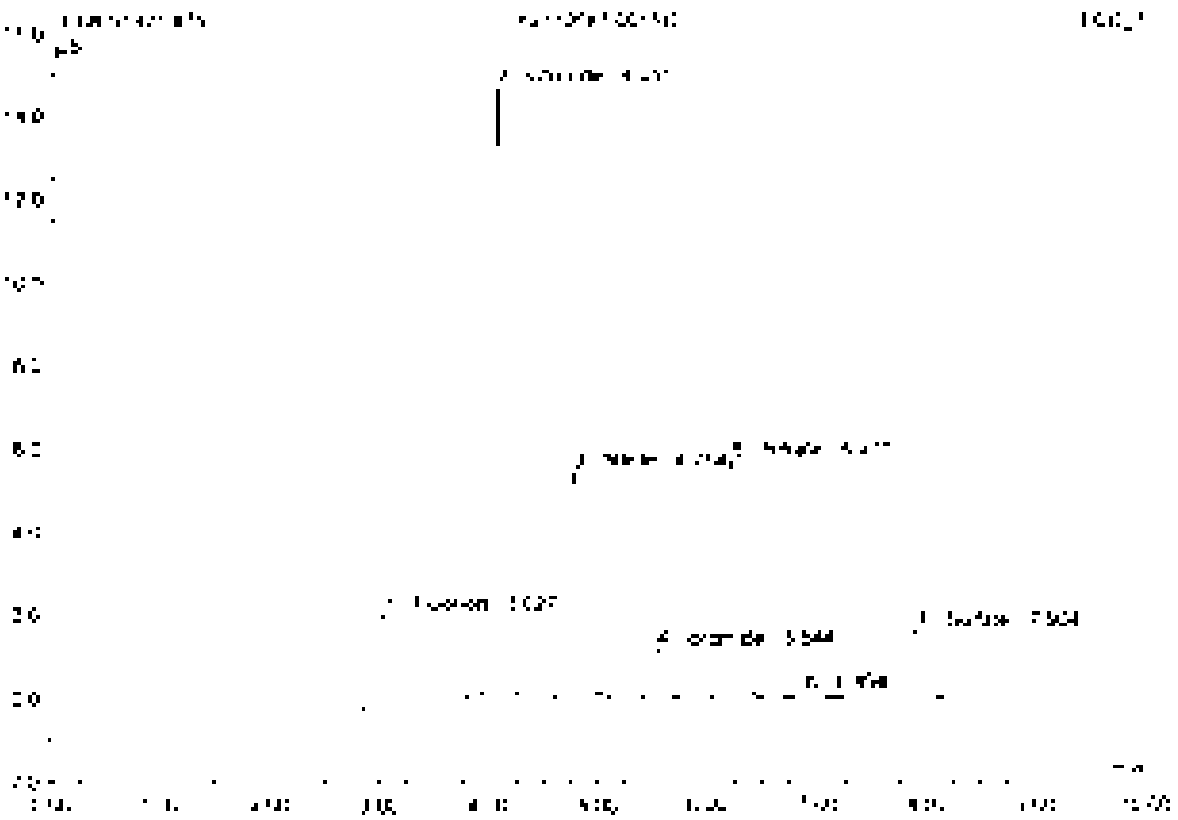
Sample Name	K2110687-001S	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n/a
Control Program	epa300	Bandwidth	n/a
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	3/15/2021 1:56	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.83	Fluoride	2.232	0.571	14.47	10.155	BMB
2	4.35	Chloride	14.774	1.344	34.07	23.446	BVB
3	4.76	Nitrite	5.428	0.708	17.95	7.520	BVB
4	5.54	Bromide	1.753	0.147	3.73	2.571	BVB
5	6.21	Nitrate	5.704	0.844	21.40	7.641	BVB
6	6.59	n.a.	0.708	0.045	1.02	n.a.	BVB
7	7.30	Sulfate	1.597	0.291	7.37	5.055	BVB
Total:			30.927	3.945	100.00	72.165	

75 K2110687-001SD

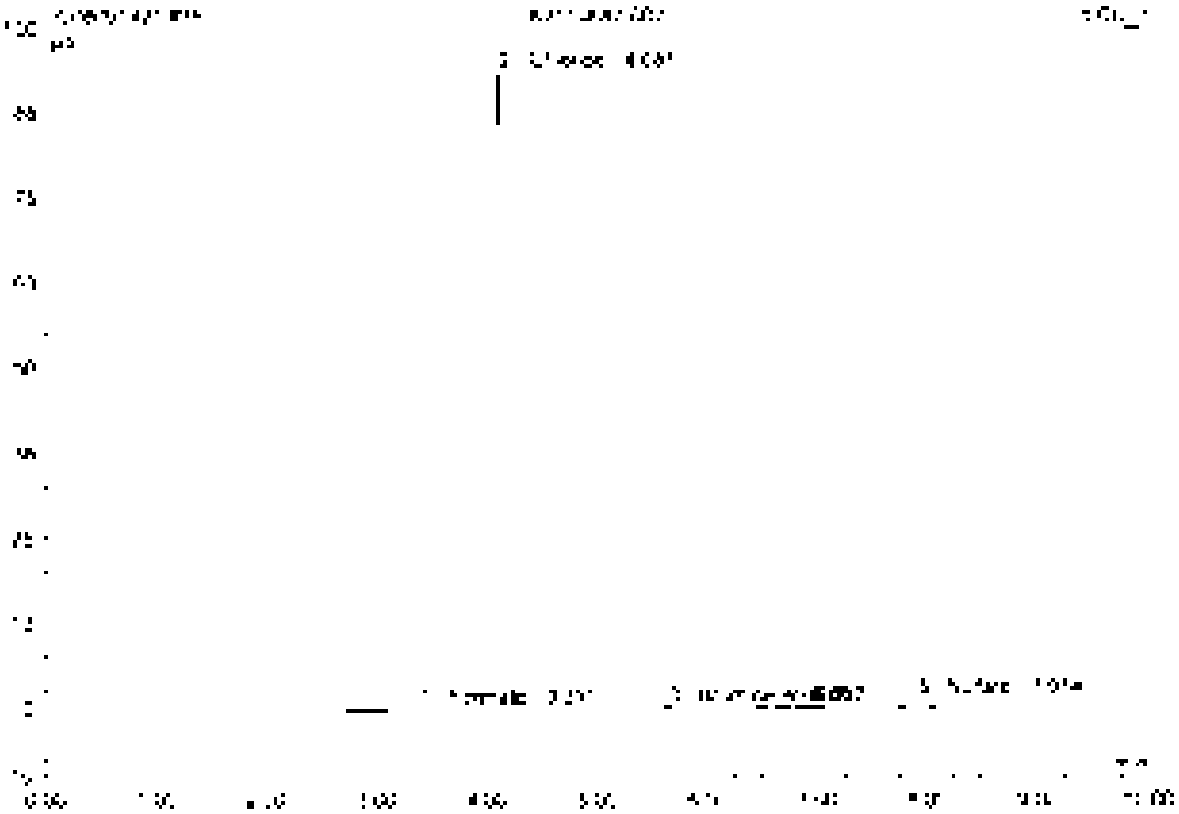
Sample Name	K2110687-001SD	Injection Volume	25.0
Vial Number	8	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	4.0000
Measuring Time	5/11/2021 2:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.33	Fluoride	2.217	0.564	14.37	10.019	BMb
2	4.05	Chloride	14.818	1.336	34.03	25.275	BMB
3	4.78	Nitrite	5.422	0.708	18.03	7.930	BVB
4	5.54	Bromide	1.152	0.147	3.74	7.365	BVB
5	5.87	Nitrate	5.704	0.843	21.47	7.532	BVB
6	6.28	n.a.	0.092	0.036	0.92	n.a.	BVB
7	7.56	Sulfate	1.537	0.292	7.44	9.566	BMB
Total:			30.815	3.927	100.00	71.637	

76 K2110687-002

Sample name	K2110687-002	Injection Volume	25.0
Vial number	16	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Quantitation Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	1.0000
Recording Time	[illegible]/2021 2:29	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.39	Formate	0.150	0.180	[illegible]	n.a.	BV0
2	4.08	Chloride	93.412	10.921	90.93	109.777	BVA
3	5.64	Bromide	0.152	0.017	0.15	0.464	BVA
4	6.69	n.a.	0.303	0.152	1.71	n.a.	BV0
5	7.91	Sulfate	1.456	0.264	2.45	[illegible]	BM0
Total:			95.406	[illegible]	100.00	114.257	

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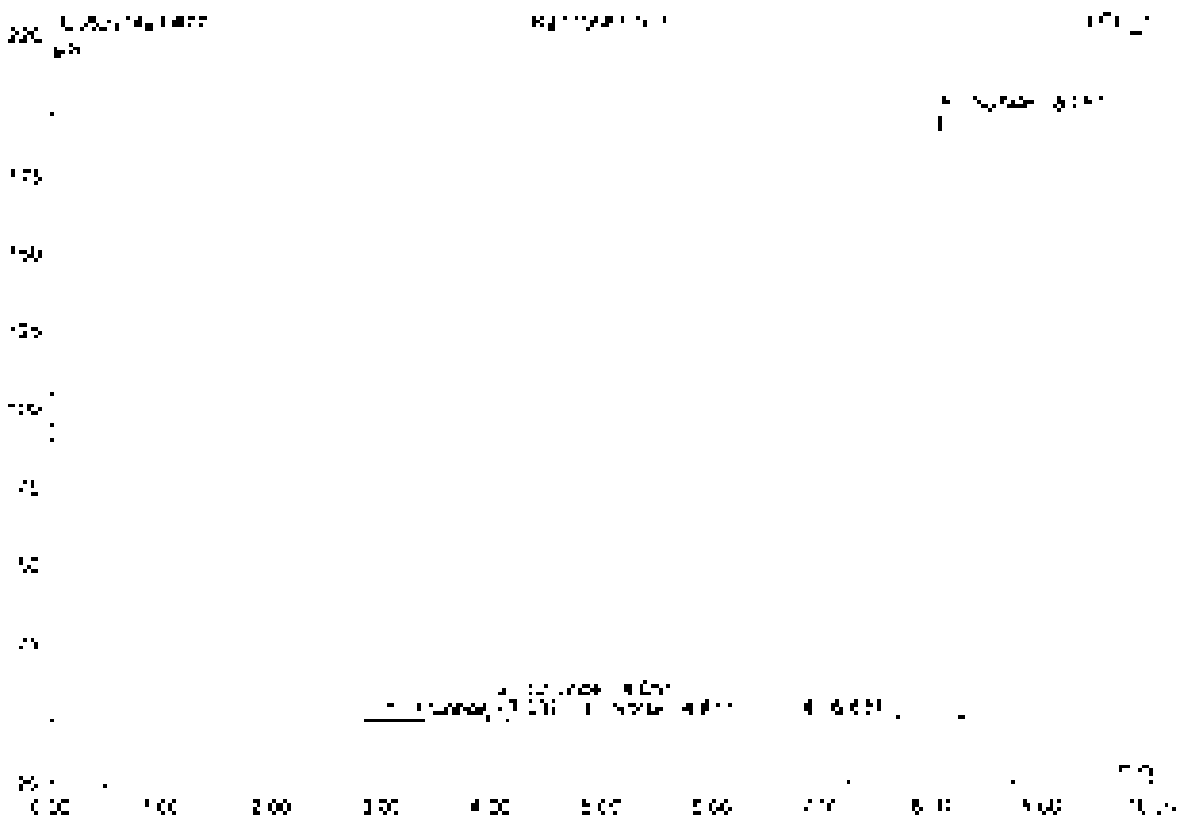
Version: 6.80 SR1 Build [illegible]

77 K2110687-003

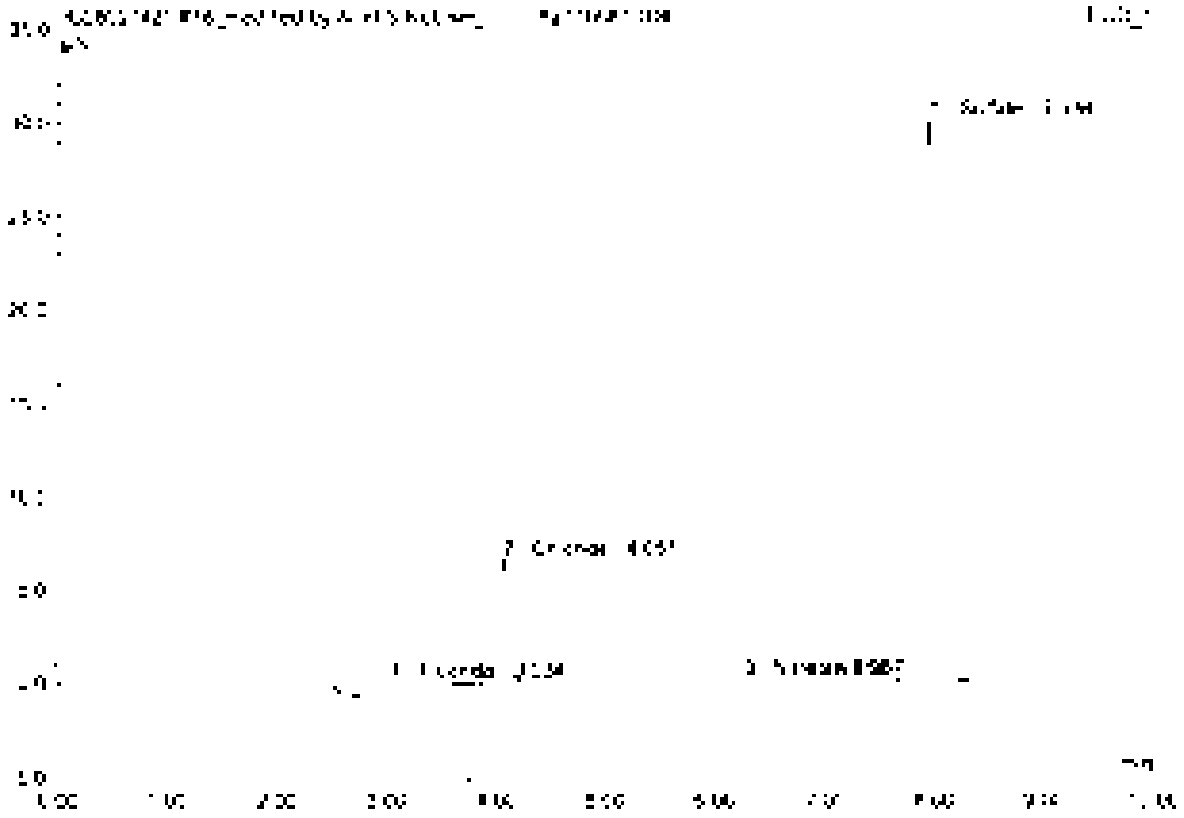
Sample Name	K2110687-003	Injection Volume	25.0
Vial Number	11	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant Method	wpa300	Dilution Factor	1.0000
Recording Time	5/15/2021 2:32	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	0.603	0.347	0.37	3.083	BMB
2	4.05	Chloride	6.590	0.552	1.48	8.890	BMB
3	4.81	Nitrite	0.028	[illegible]	0.03	0.064	BMB
4	5.93	n.a.	0.122	0.041	0.13	n.a.	BMB
5	8.06	Sulfate	193.558	35.954	97.50	607.132	BMB
Total:			200.808	36.896	100.00	618.170	

78 K2110687-004

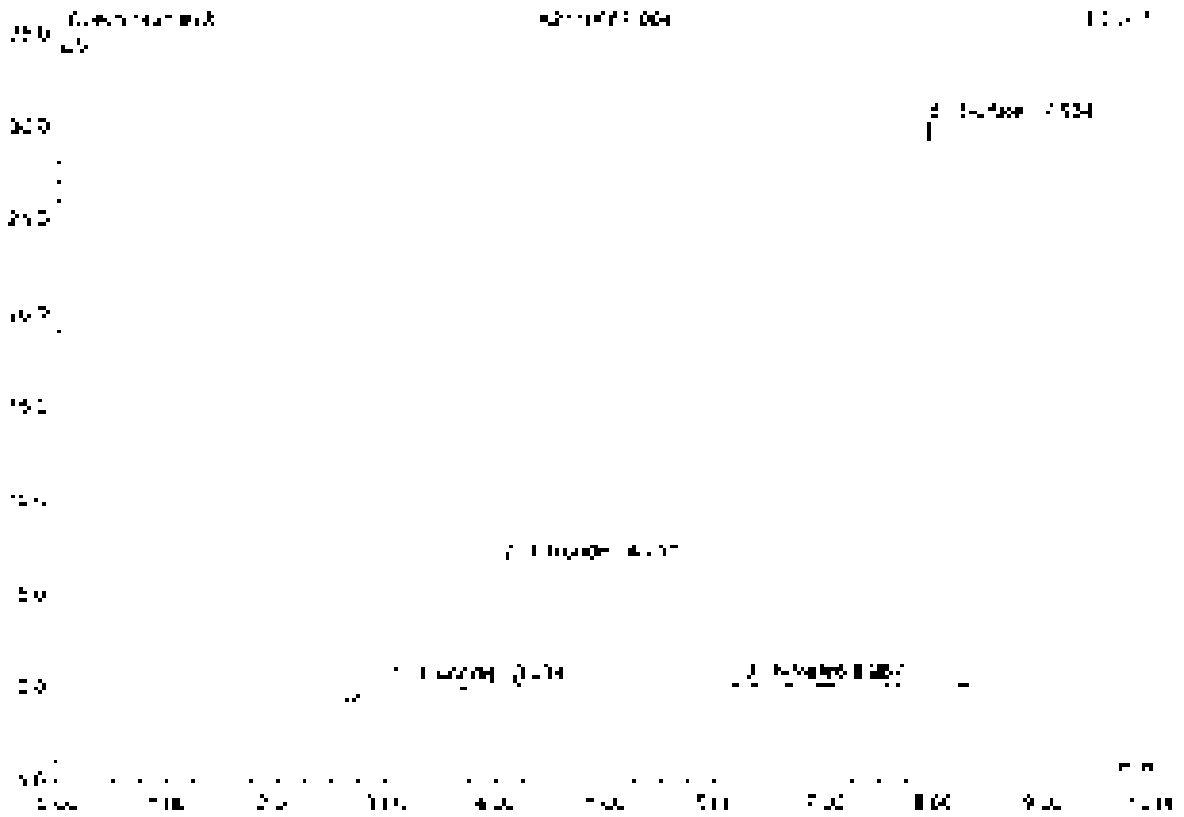
Sample Name	K2110687-004	Injection Volume	25.0
Vial Number	12	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	9/15/2021 2:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	0.597	0.345	5.42	3.065	BVb*
2	4.05	Chloride	0.552	0.594	9.33	6.946	BMB
3	6.26	Nitrate	0.215	0.084	1.33	0.150	BMB*
4	6.81	n.a.	0.157	0.070	1.11	n.a.	BMb*
5	7.93	Sulfate	33.076	5.263	82.96	82.038	bVB
Total:			37.597	6.352	100.00	92.201	

78 K2110687-004

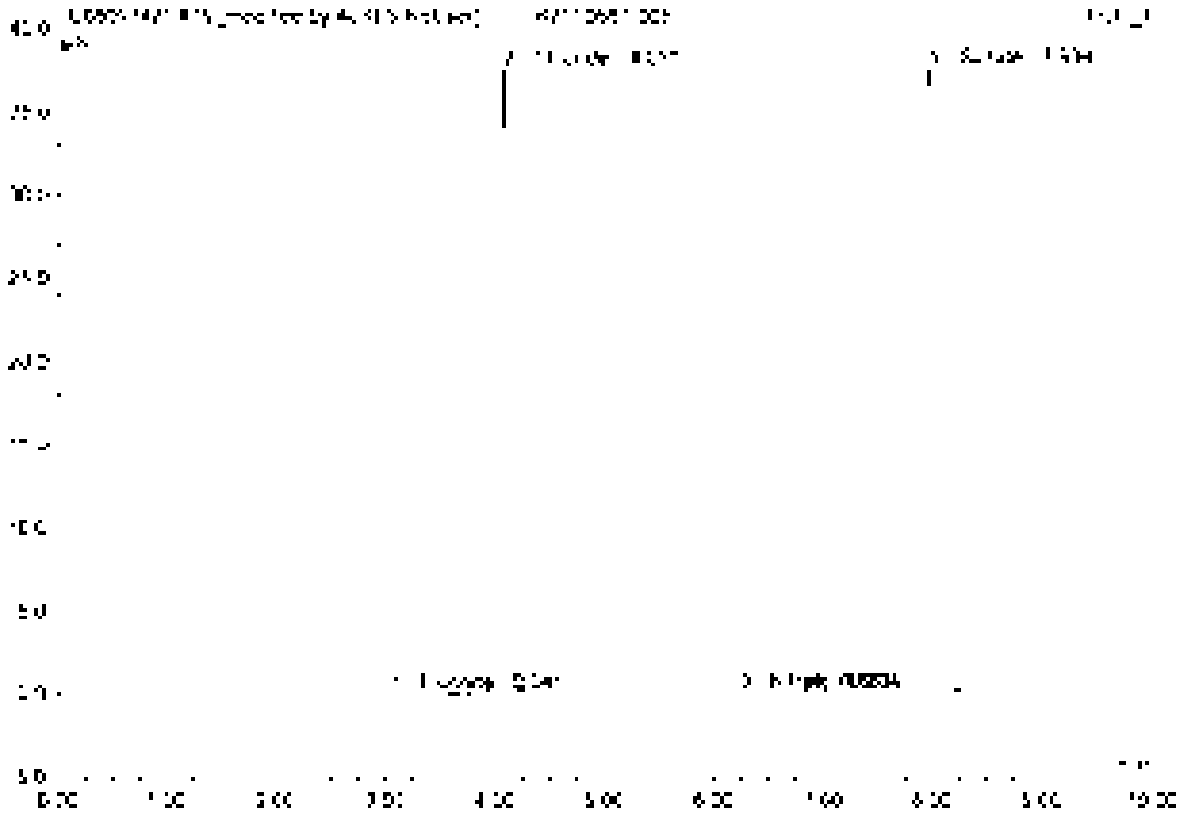
Sample Name	K2110687-004	Injection Volume	25.0
Vial Number	12	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Date	9/15/2021 7:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Chloride	0.527	0.345	5.40	3.065	BMB
2	4.05	Chlorate	5.652	0.534	8.37	6.546	BMB
3	6.25	Nitrate	0.225	0.040	0.63	0.182	BMB
4	6.81	n.a.	0.157	0.070	1.11	n.a.	BMB
5	7.93	Sulfate	33.076	5.209	82.57	82.039	BMB
Total:			39.707	6.368	100.00	92.831	

79 K2110687-005

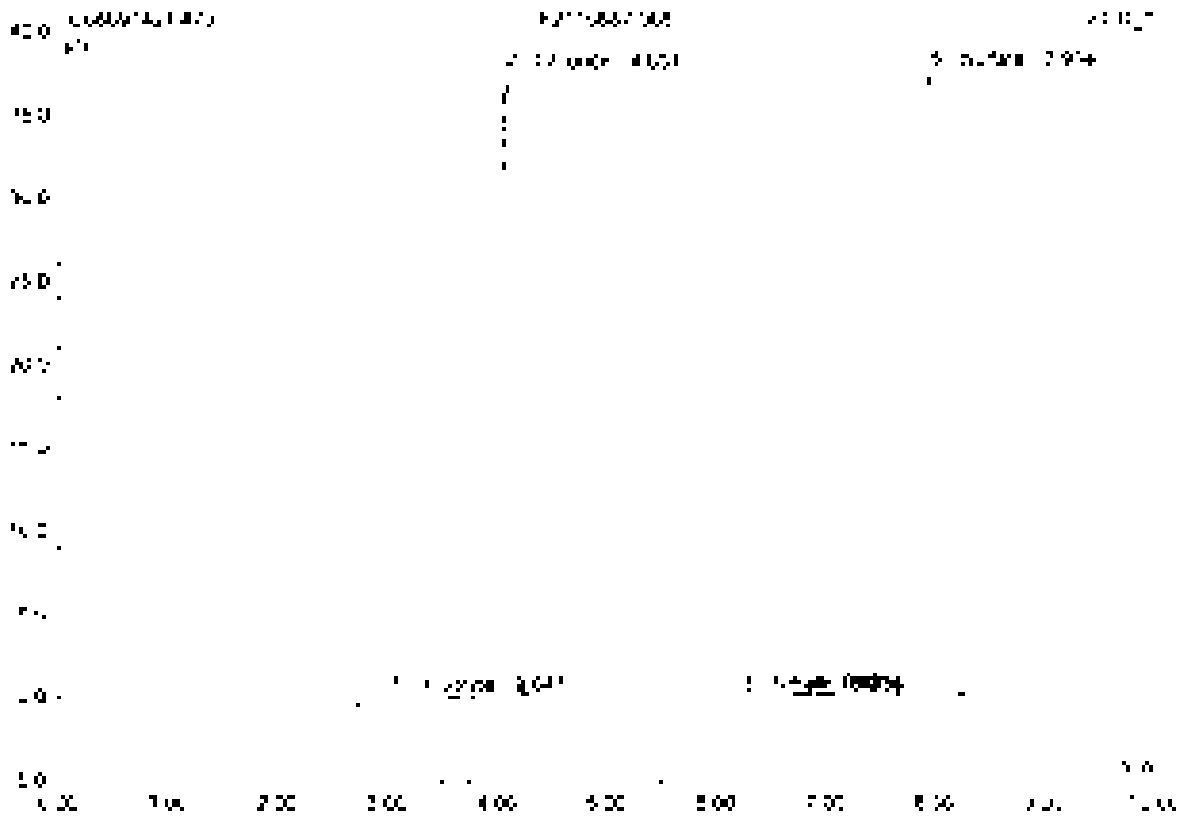
Sample Name	K2110687-005	Injection Volume	25.0
Vial Number	19	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	9/15/2021 2:55	Sample Weight	1.0000
Run Time (max.)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.24	Fluoride	0.478	0.295	2.86	2.620	BMB*
2	4.05	Chloride	37.483	3.385	32.78	37.084	BMB
3	5.22	Nitrite	0.025	0.003	0.03	0.016	BMB*
4	5.82	n.a.	0.183	0.061	0.59	n.a.	BMB*
5	7.20	Sulfate	37.587	6.584	63.73	102.511	BMB
Total:			75.717	10.328	100.00	142.231	

79 K2110687-005

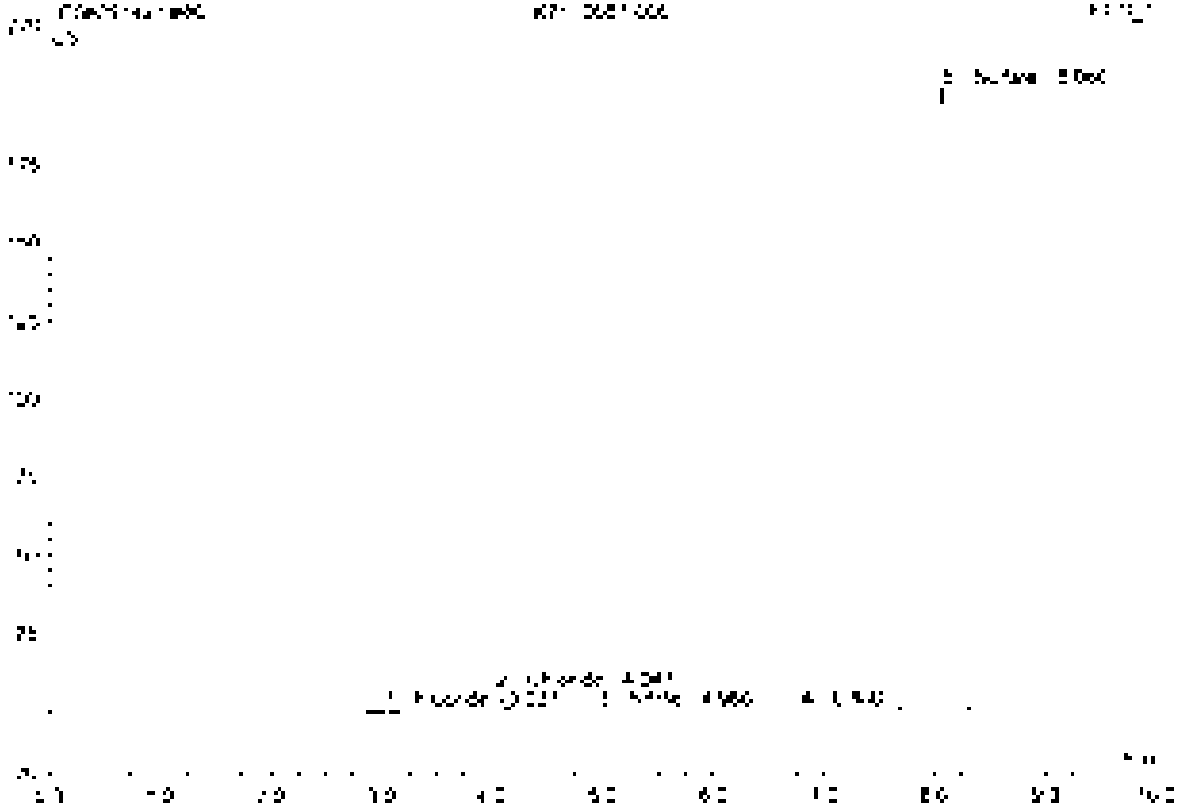
Sample Name	K2110687-005	Injection Volume	35.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	9/15/2021 2:55	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.04	Fluoride	0.978	0.335	2.85	2.620	BVB
2	4.05	Chloride	37.453	3.355	32.74	37.034	BVB
3	5.20	Nitrate	0.343	0.014	0.14	0.065	BVB
4	6.88	[illegible]	0.140	0.061	0.59	[illegible]	BMB
5	7.93	Sulfate	37.937	6.554	63.68	[illegible]	BVB
Total:			76.735	10.335	100.00	142.280	

80 K2110687-006

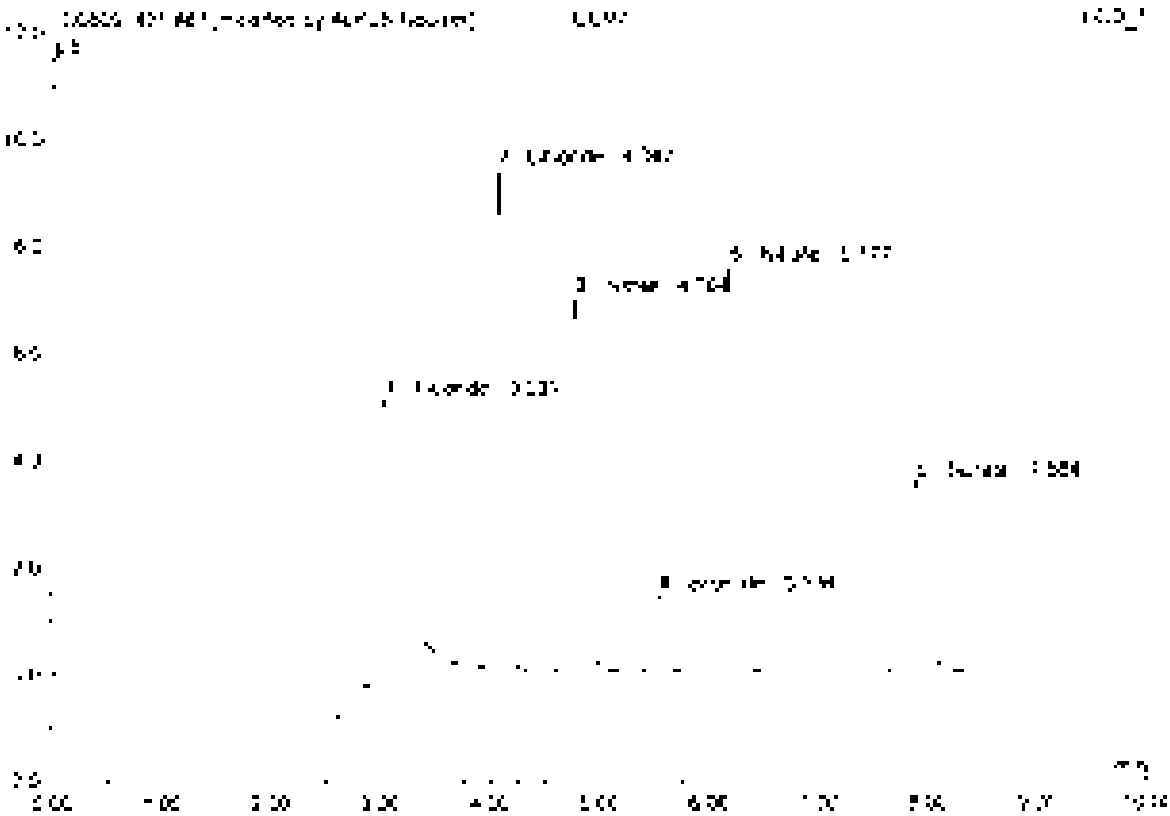
Sample Name	K2110687-006	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantit. Method	wpa300	Dilution Factor	2.0000
Injection Time	9/15/2021 9:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	0.626	0.155	0.36	2.154	BMB
2	4.35	Chloride	6.142	0.552	1.44	6.459	BMB
3	4.96	Nitrite	0.020	0.006	0.04	0.089	BMB
4	6.50	n.a.	0.746	0.065	0.16	n.a.	BMB
5	8.26	Sulfate	146.703	40.009	97.40	623.396	BMB
Total:			305.645	41.067	100.00	632.131	

B1 CCV7

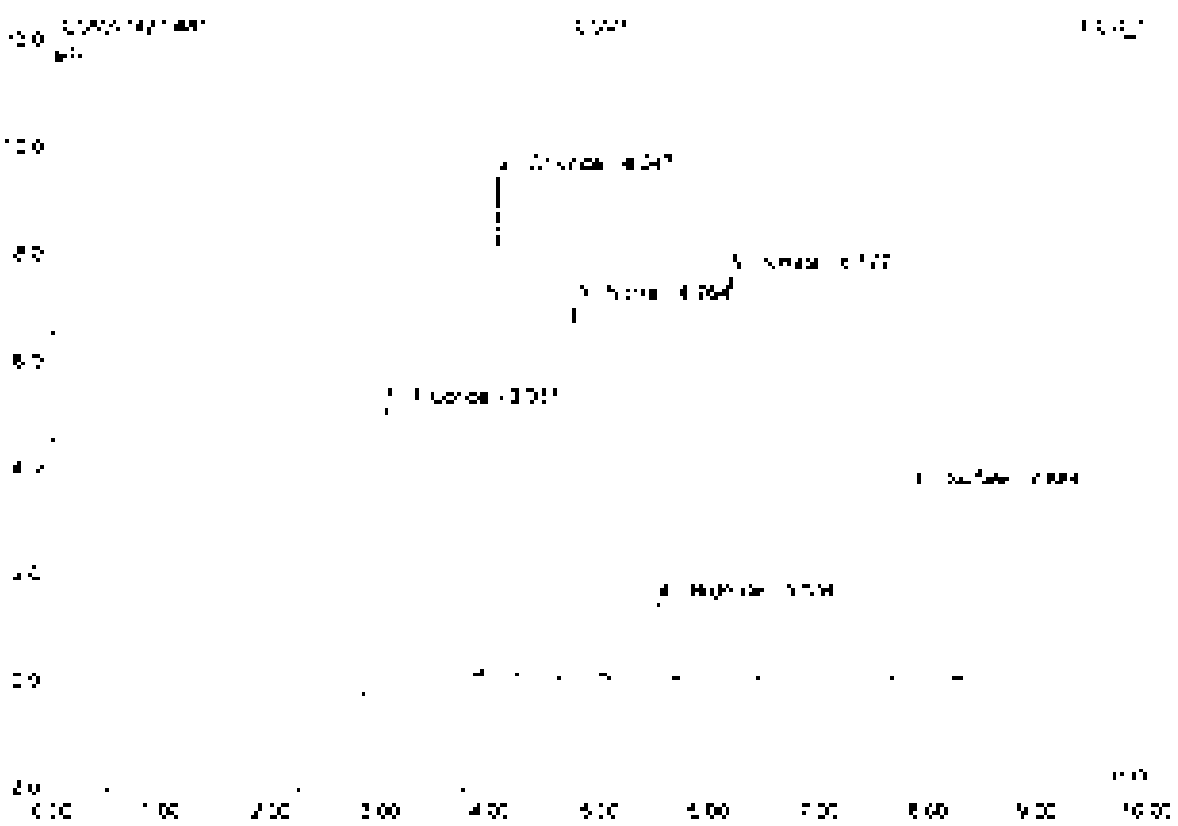
Sample Name	CCV7	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Config. Program	wpa300	Solvent	n.a.
Quantif. Method	wpa300	Dilution Factor	1.0000
Recording Time	9/15/2021 3:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	5.282	1.140	23.55	5.072	BMB*
2	4.05	Chloride	9.364	0.856	17.70	4.650	BMB*
3	4.75	Nitrite	7.006	0.910	18.85	2.557	BMB*
4	5.53	Bromide	1.454	0.178	3.66	2.408	BMB
5	6.15	Nitrate	7.590	1.048	21.74	2.272	BMB
6	7.85	Sulfate	3.538	0.685	14.22	5.735	BMB
Total:			34.233	4.821	100.00	22.695	

61 CCV7

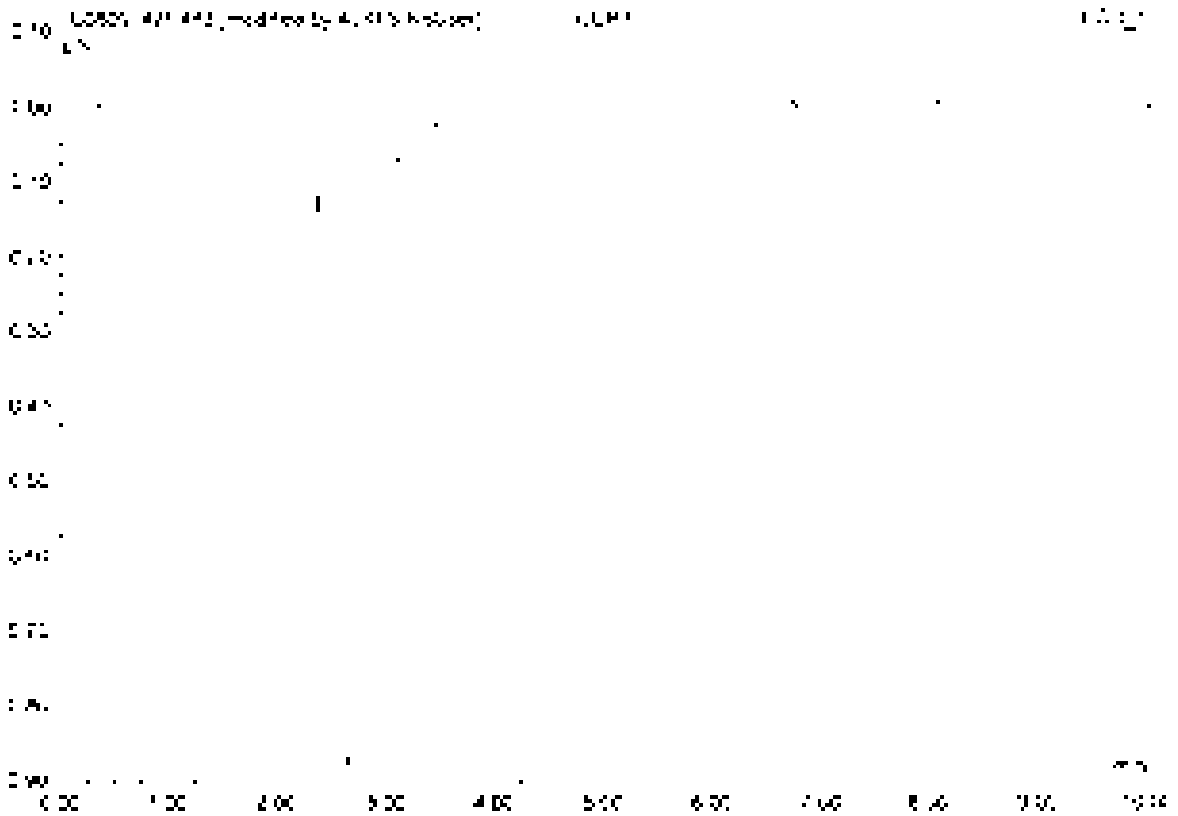
Sample Name	CCV7	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 8:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.03	Fluoride	5.316	1.224	25.54	5.443	BVb
2	4.05	Chloride	5.558	0.853	17.47	4.675	bV3
3	4.75	Nitrite	6.535	0.068	1.39	2.515	BMB
4	5.53	Bromide	1.454	0.178	3.64	2.408	BMB
5	6.18	Nitrate	7.590	1.048	21.45	2.272	BMB
6	7.88	Sulfate	3.558	0.685	14.03	5.235	BVB
Total:			34.265	4.887	100.00	22.748	

#2 CCB7

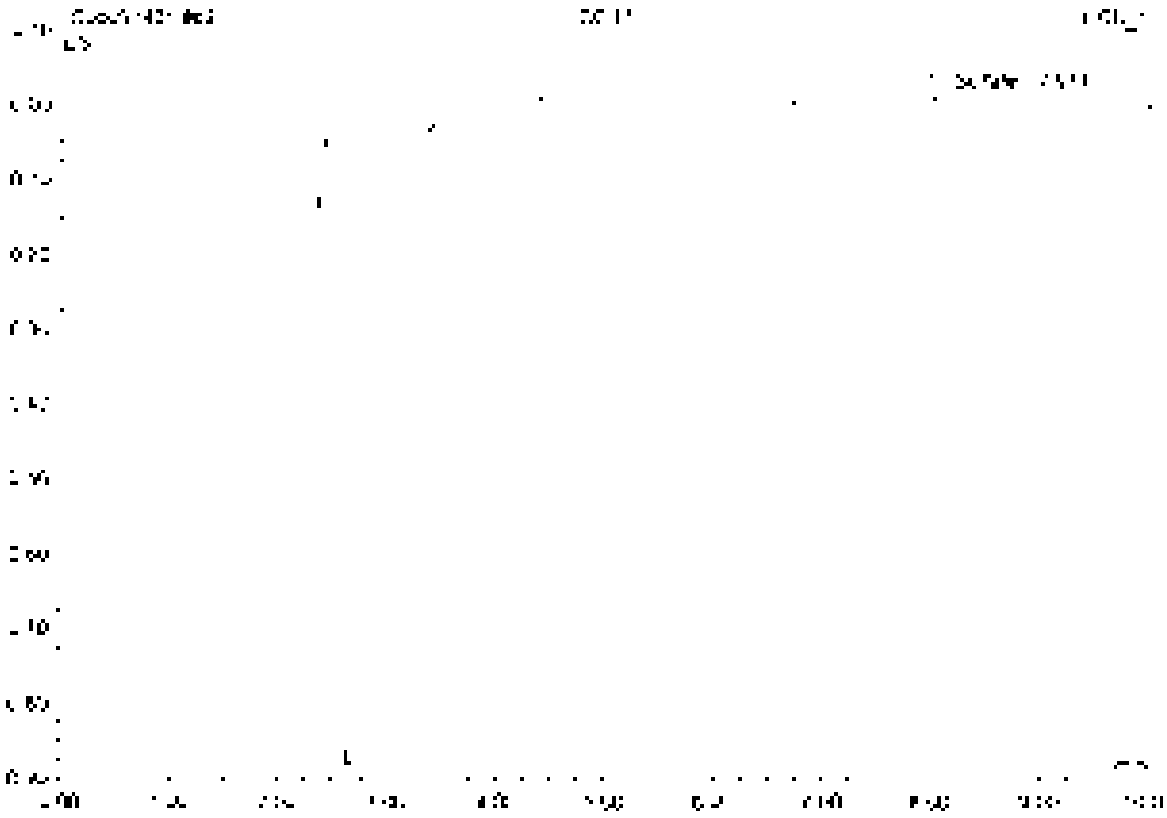
Sample Name	CCB7	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quantitation Method	spa300	Dilution Factor	1.0000
Recording Time	9/15/2021 3:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

#2 CCB7

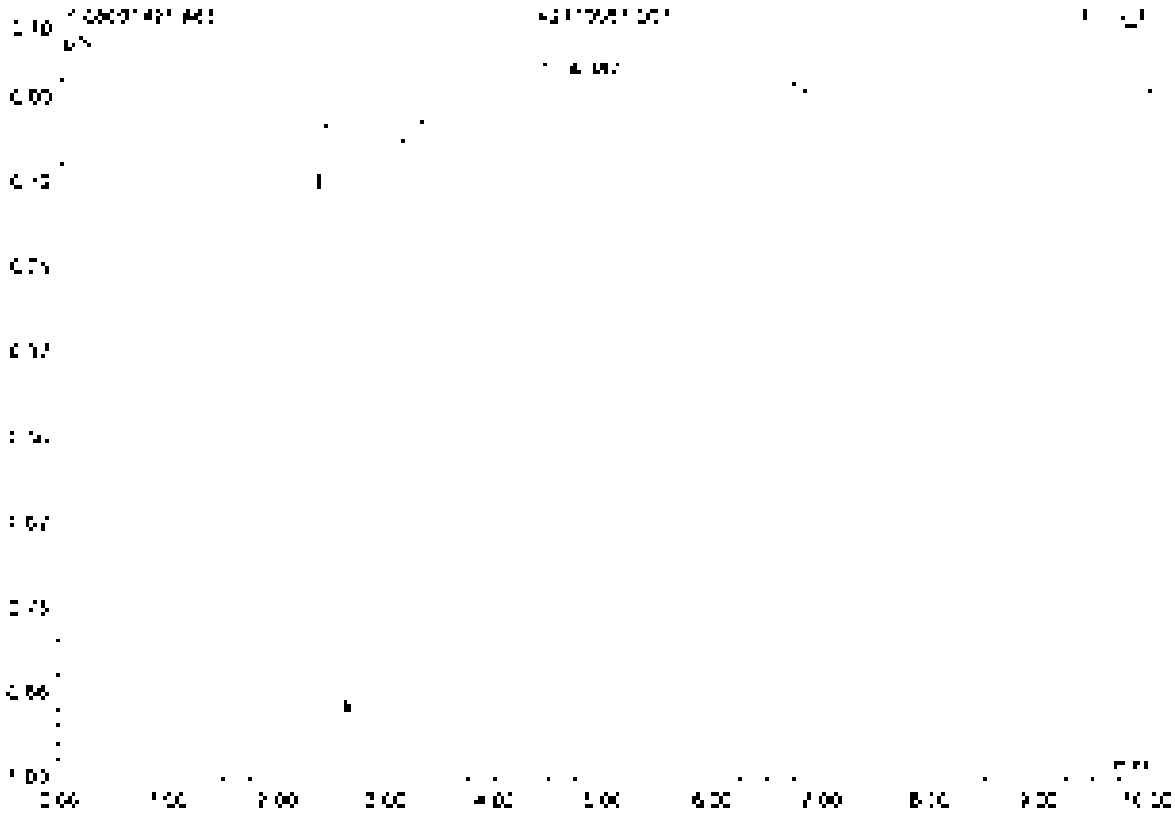
Sample Name	CCB7	Injection Volume	25.0
Vial Number	47	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Cooling Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 5:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Sulfate	3267	3060	100.00	23.820	BMB
Total:			3267	3060	100.00	23.820	

83 K2110687-007

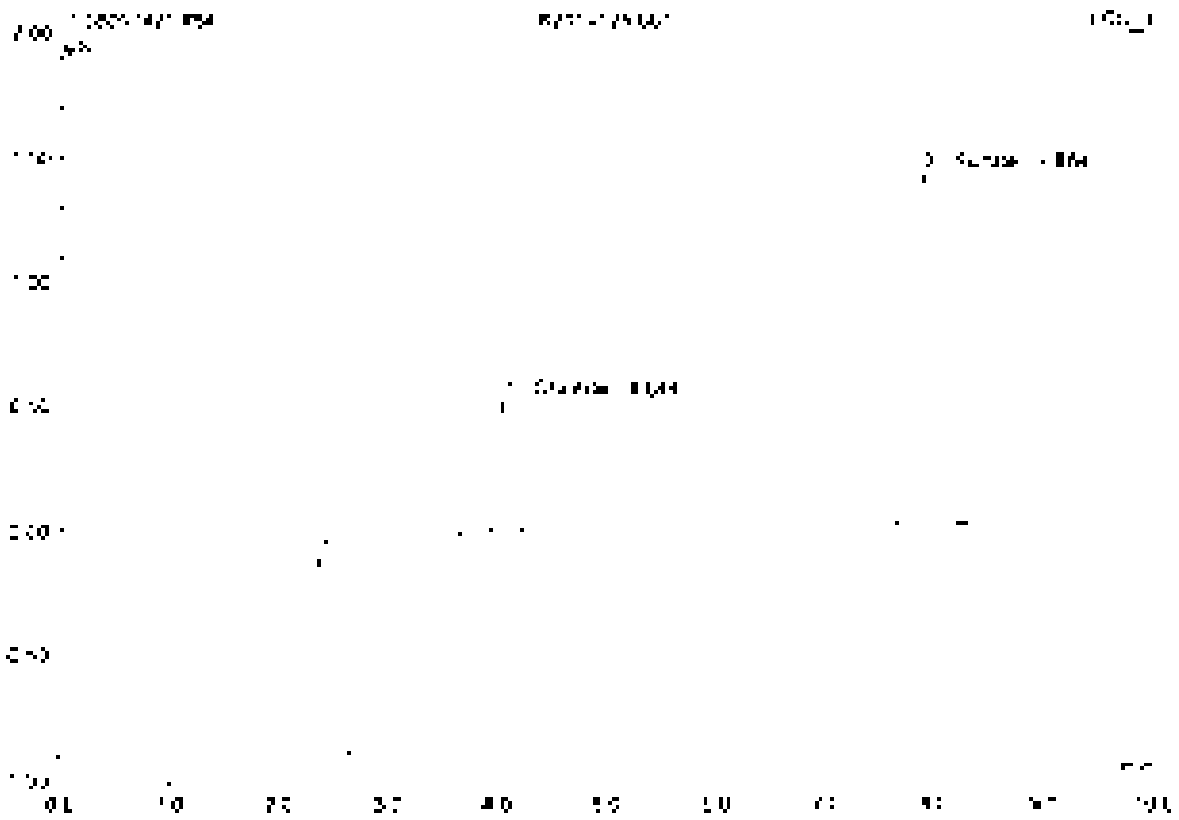
Sample Name	K2110687-007	Injection Volume	25.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantit. Method	wpa300	Dilution Factor	2.0000
Recording Time	9/15/2021 1:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.30	n.a.	3.714	3.793	100.00	n.a.	BMB
Total:			3.714	3.793	100.00	0.000	

84 K2110125-001

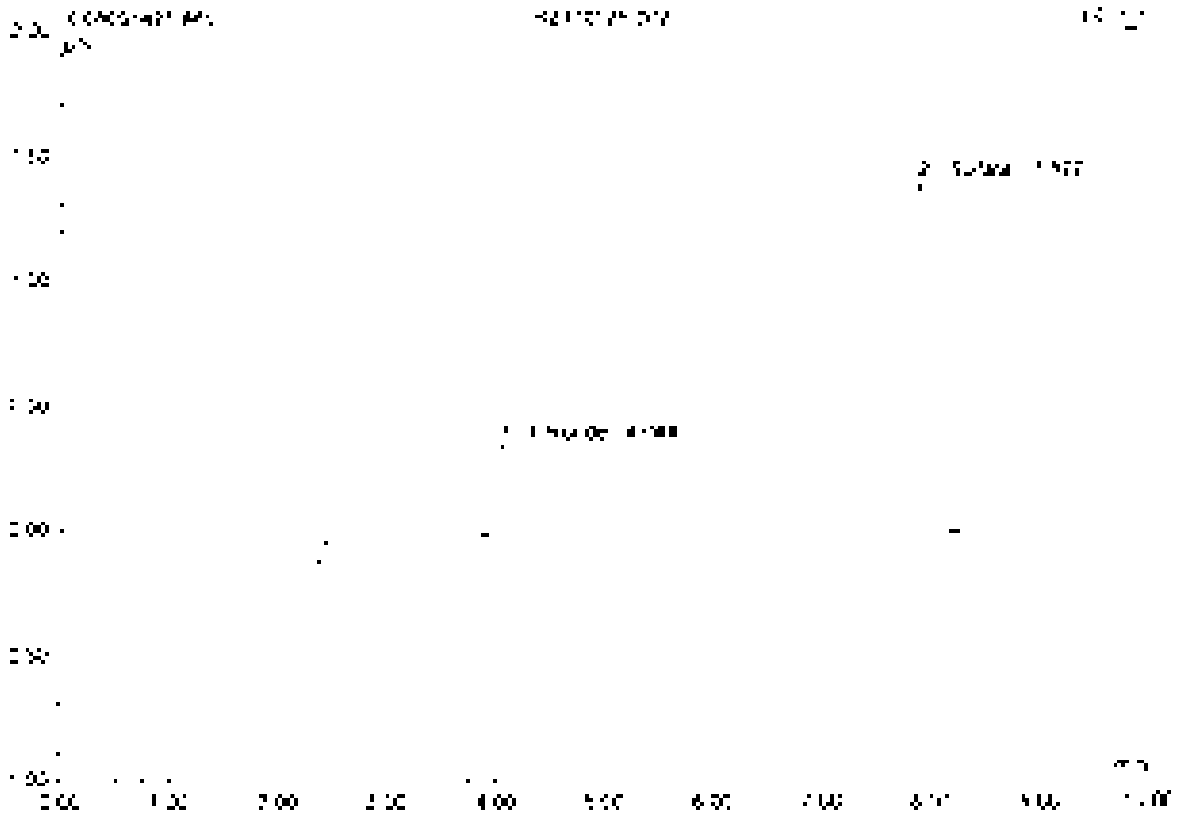
Sample Name	K2110125-001	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	20.0000
Recording Time	8/15/2021 4:56	Sample Weight	1.0000
Run Time (max.	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.08	Chloride	0.128	0.051	16.27	2.076	BMB
2	7.89	Sulfate	1.409	0.265	83.73	41.218	BMB
Total:			1.537	0.316	100.00	43.294	

85 K2110125-002

Sample Name	K2110125-002	Injection Volume	25.0
Vial Number	87	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantif. Method	wpa300	Dilution Factor	20.0000
Recording Time	5/15/2021 4:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	4.04	Chelate	0.367	0.037	[illegible]	[illegible]	BV B
2	7.88	Sulfate	[illegible]	0.262	[illegible]	[illegible]	BV B
Total:			[illegible]	0.300	100.00	45.026	

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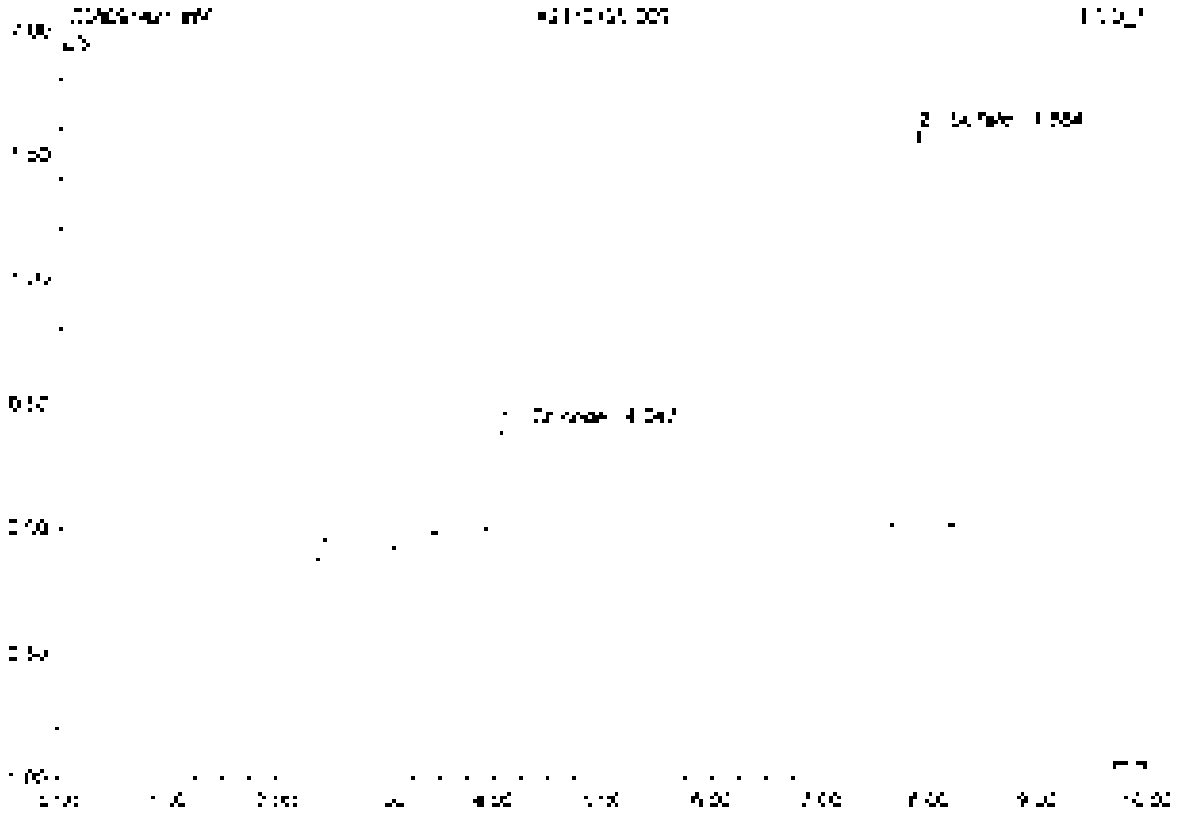
88 K2110125-009

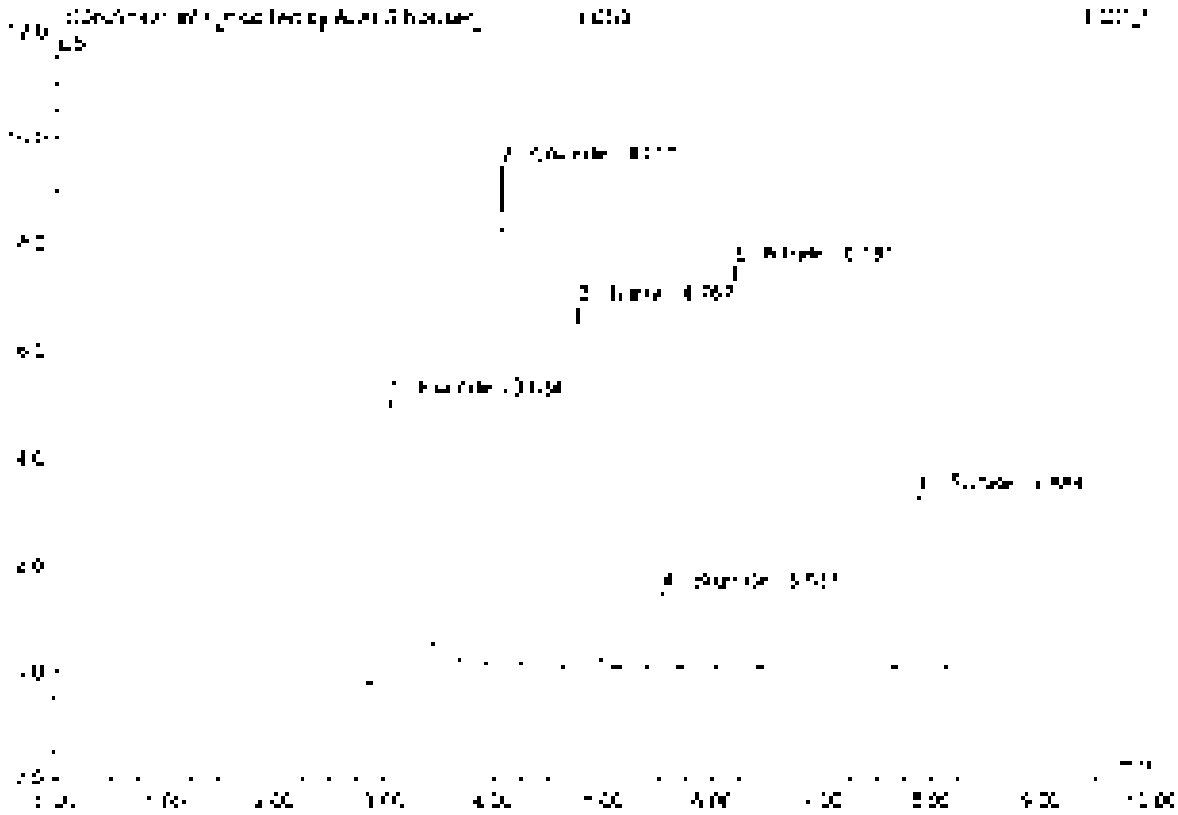
Sample Name	K2110125-009	Injection Volume	25.0
Vial Number	18	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	20.0000
Processing Time	9/15/2021 4:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	7.88	Sulfate	1.586	[illegible]	28.15	[illegible]	BMB
Total:			1.953	5.336	100.00	[illegible]	

87 LCS3

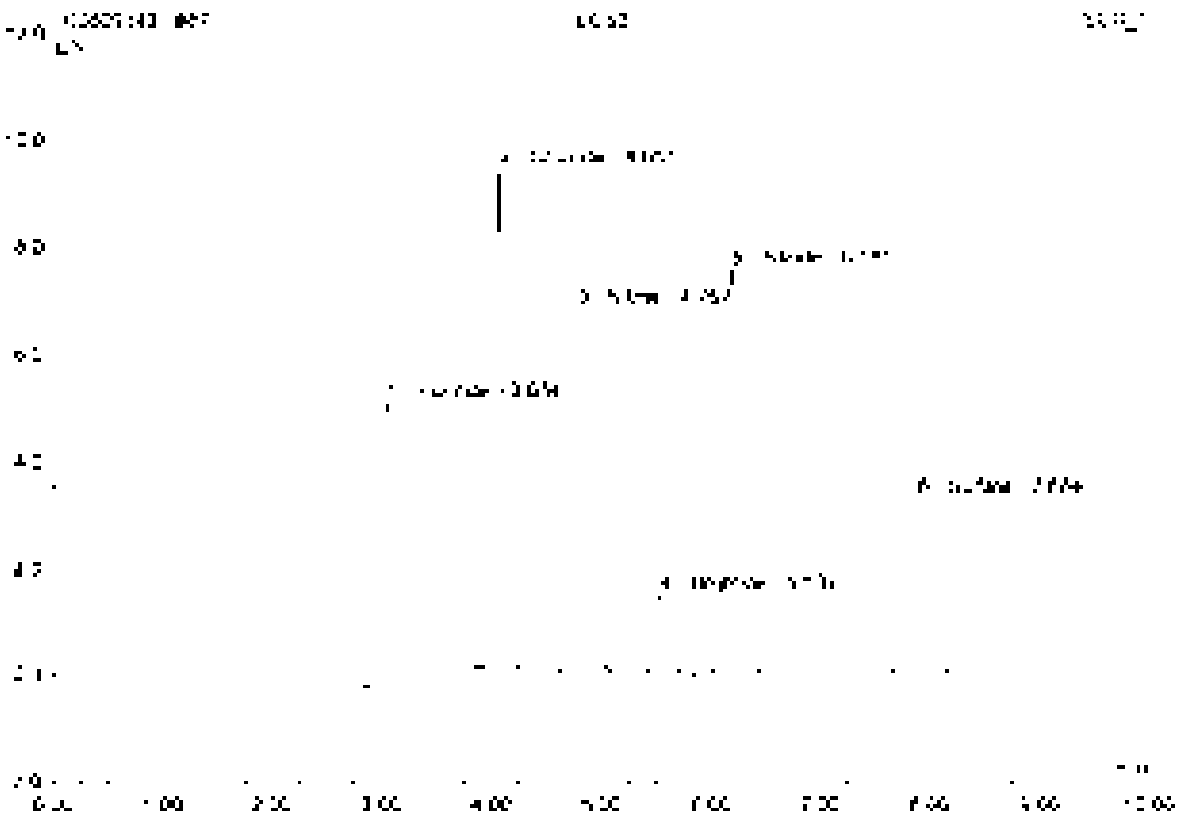
Sample Name	LCS3	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 4:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	5.255	1.145	24.22	5.090	BMB*
2	4.05	Chloride	9.362	0.557	11.12	4.692	BMB*
3	4.77	Nitrite	6.801	0.537	11.37	2.484	BMB*
4	5.54	Bromide	1.462	0.175	3.79	2.425	BMB
5	6.15	Nitrate	7.554	1.041	22.03	2.357	BMB
6	7.85	Sulfate	3.280	0.618	13.07	4.810	BMB
Total:			33.716	4.727	100.00	21.852	

#7 LCS3

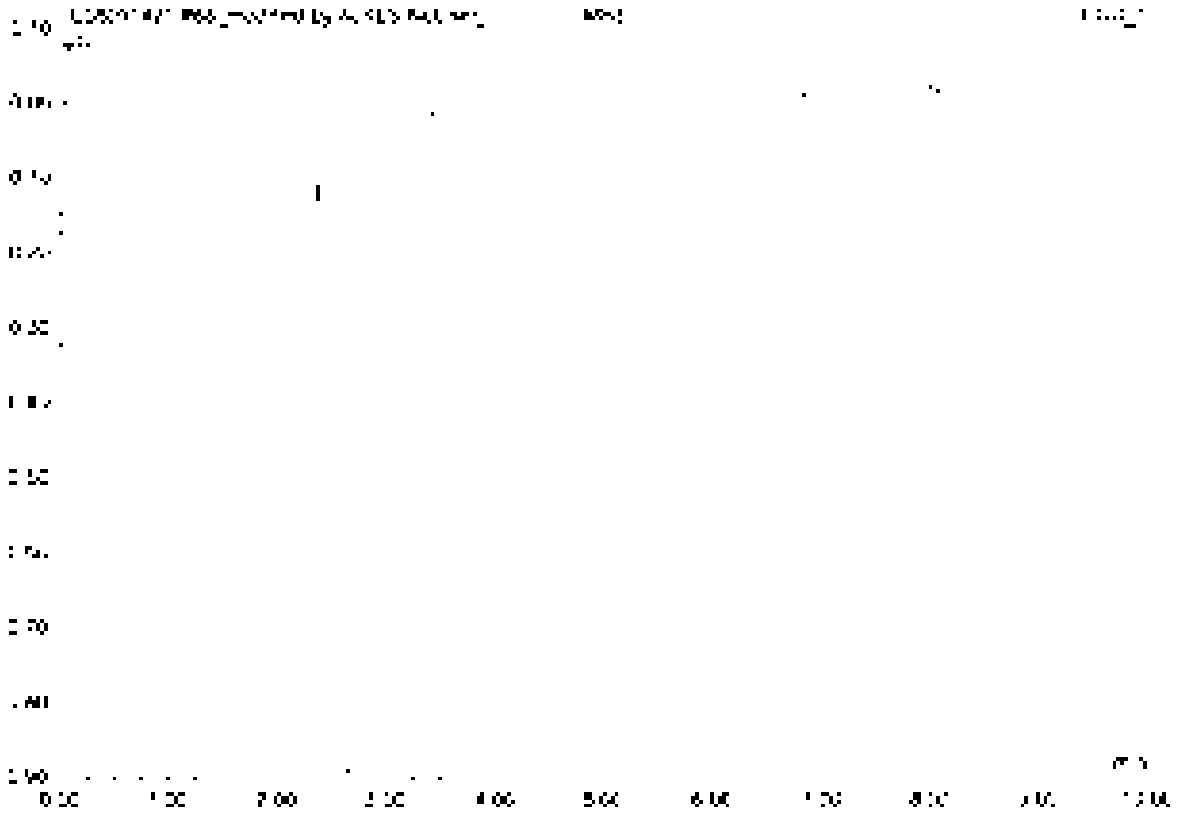
Sample Name	LCS3	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	2/15/2021 4:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	5.283	1.215	24.42	5.436	BMB
2	4.05	Chloride	6.352	0.854	17.17	4.678	BMB
3	4.77	Nitrite	5.784	0.872	18.25	2.442	BMB
4	5.54	Bromide	1.462	0.175	3.75	2.428	BMB
5	6.18	Nitrate	7.554	1.347	27.79	2.557	BMB
6	7.89	Sulfate	9.283	0.612	12.83	6.510	BMB
Total:			33.722	4.780	100.00	22.115	

88 MB3

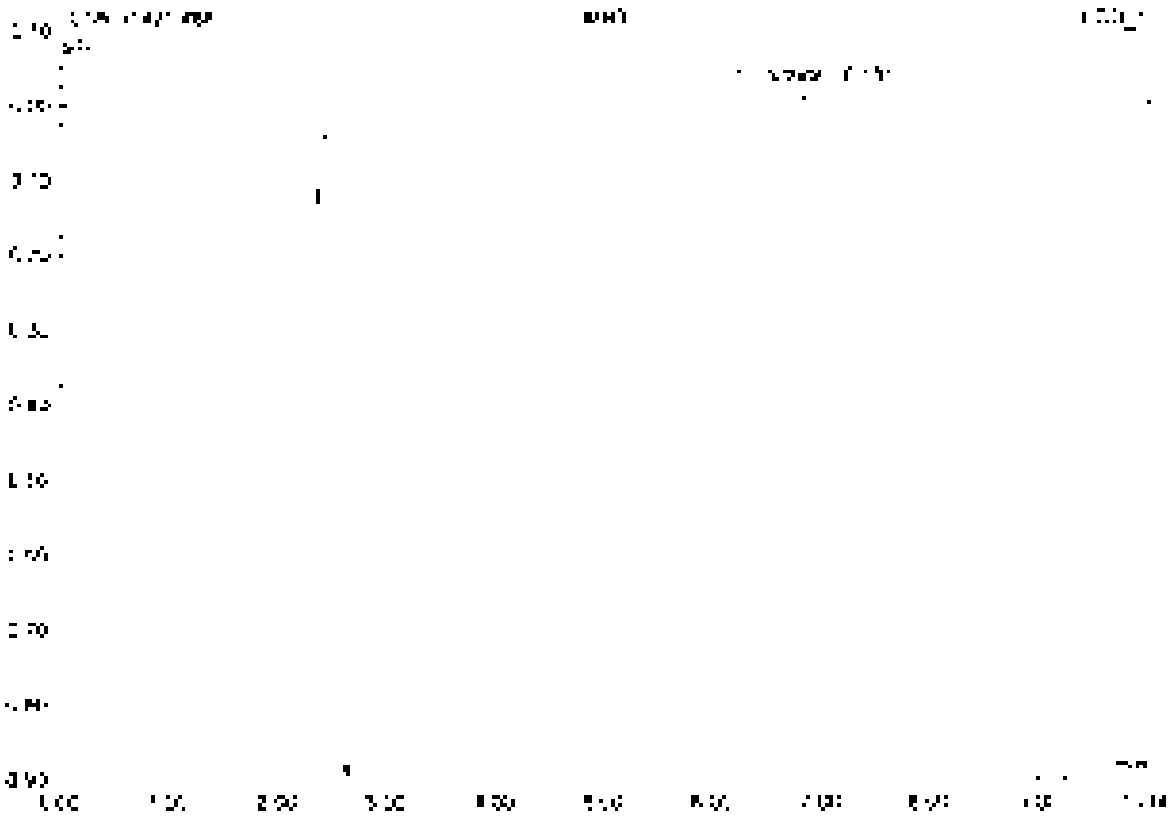
Sample Name	MB3	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Output Method	apa300	Dilution Factor	1.0000
Acquisition Time	5/15/2021 4:43	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

88 MB3

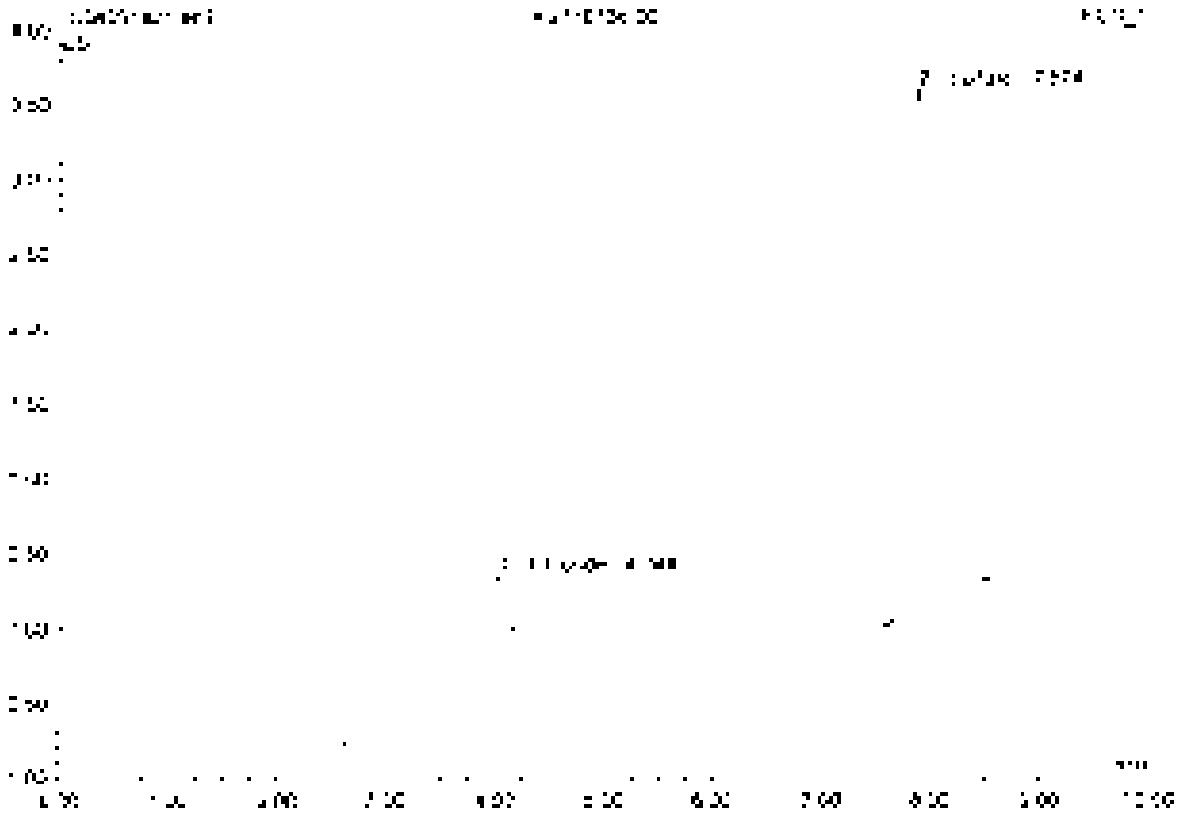
Sample Name	MB3	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Output Method	wpa300	Dilution Factor	1.0000
Recording Time	9/15/2021 4:43	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.18	Nitrate	0.489	3.208	100.00	7.200	BMB
Total:			0.489	3.208	100.00	7.200	

89 K2110138-001

Sample Name	K2110138-001	Injection Volume	35.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	20.0000
Recording Time	[illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

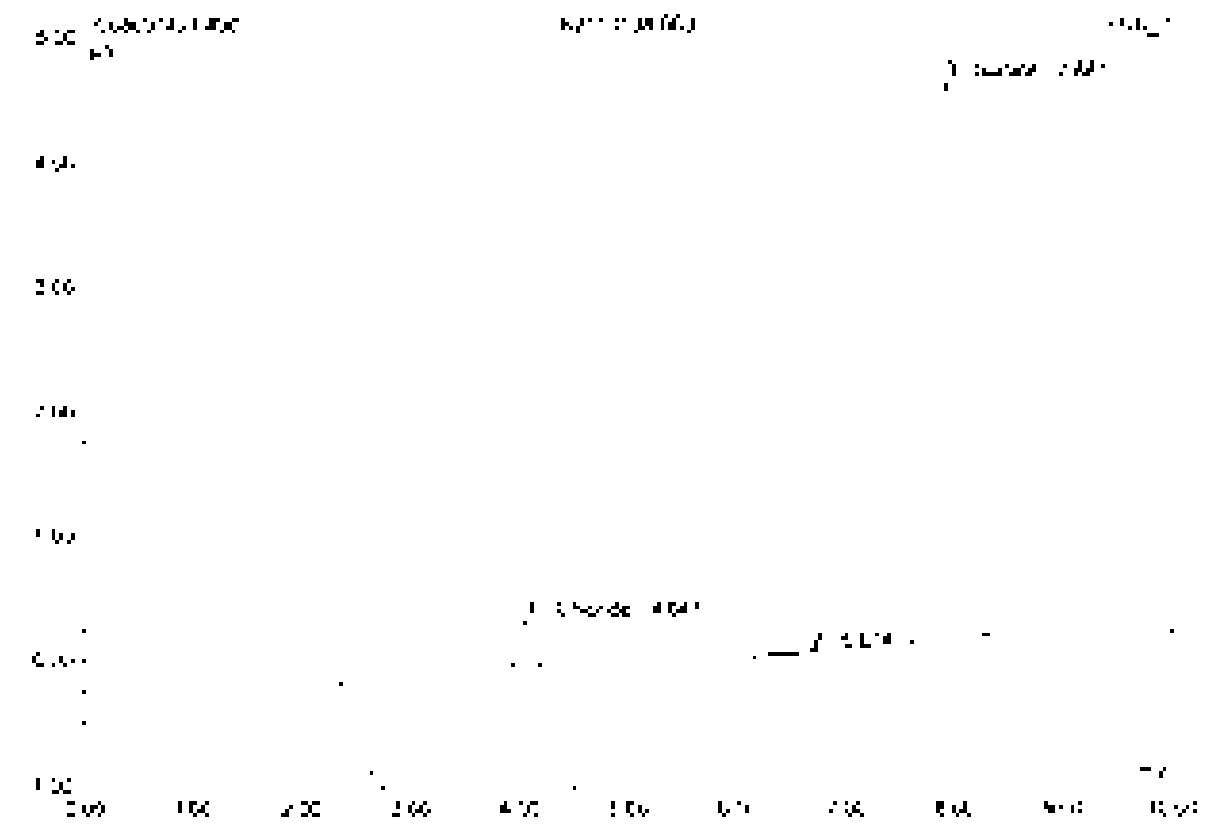


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	0.357	0.034	4.39	3.654	BMB
2	7.87	Sulfate	3.456	0.732	95.61	114.152	BMB
Total:			3.544	0.767	100.00	117.817	

Dionex Corporation 1986-2006
Version 6.80 SP1 Build 3302 (1562151)

80 K2110138-003

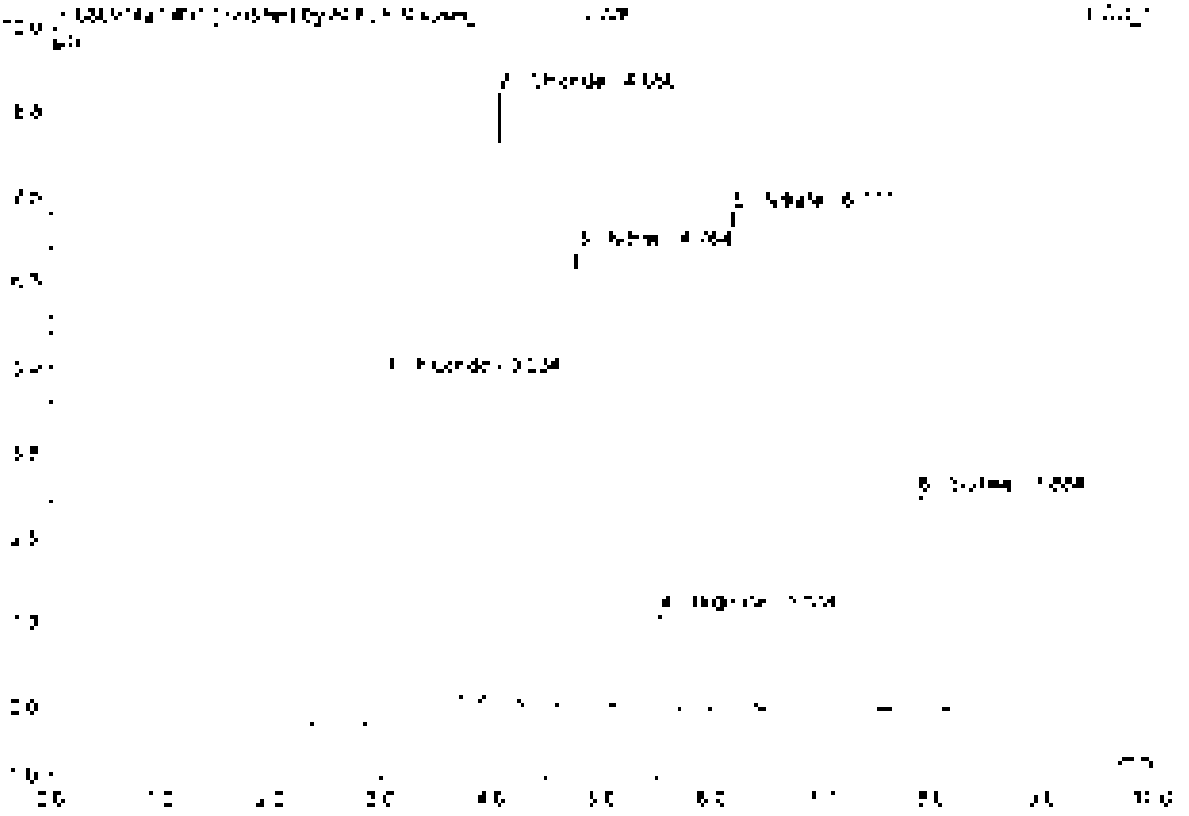
Sample Name:	K2110138-003	Injection Volume	25.0
Vial Number:	80	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	9/16/2021 6:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.351	0.030	3.58	3.659	BV B
2	6.67	n.a.	0.019	0.009	1.00	n.a.	BVB
3	7.58	Sulfate	4.487	0.849	95.42	132.275	BVB
Total:			4.857	0.894	100.00	135.934	

91 CCV8

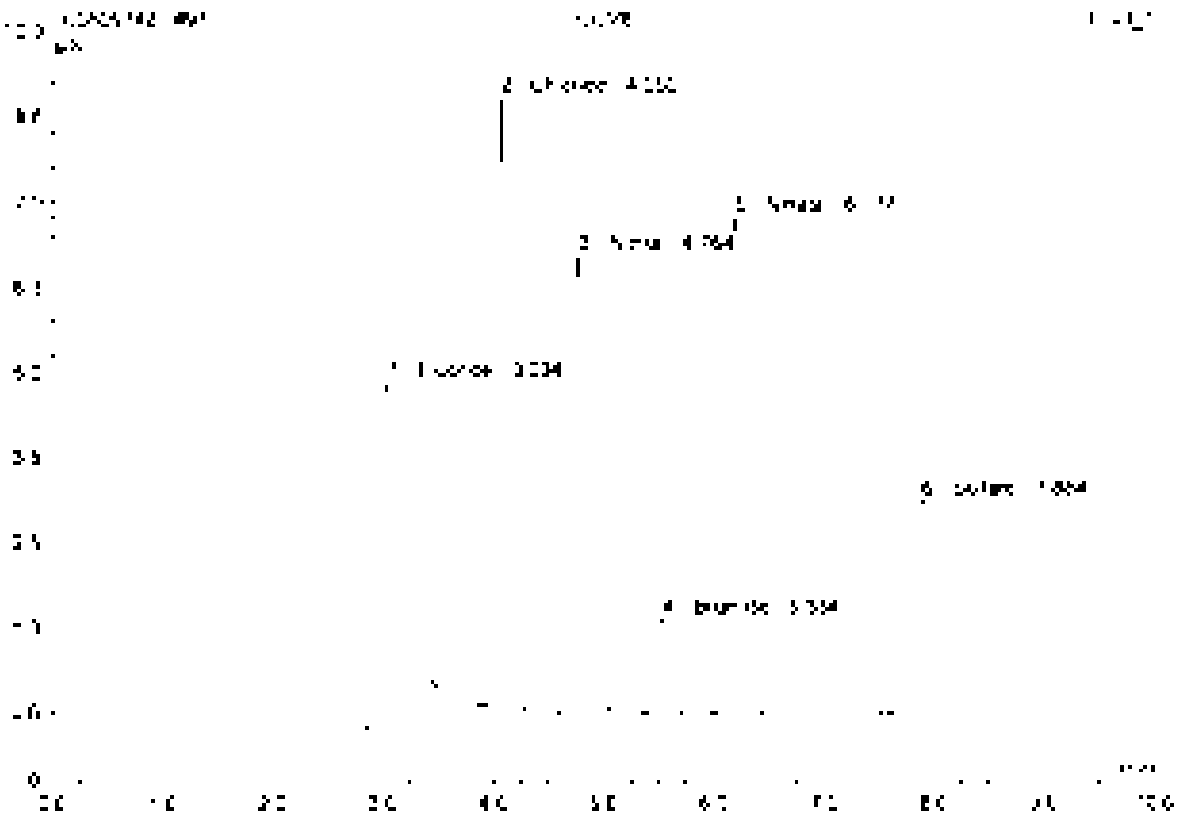
Sample Name:	CCV8	Injection Volume:	25.0
Vial Number:	48	Channel:	ECD 1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Control Method:	epa300	Dilution Factor:	1.0000
Recording Time:	9/15/2021 5:19	Sample Weight:	1.0000
Run Time (min):	10.00	Sample Amount:	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	5.349	[illegible]	24.08	4.902	BMB*
2	4.05	Chloride	0.372	0.024	18.01	4.513	BMB*
3	4.76	Nitrite	6.753	0.077	19.16	2.455	BMB*
4	5.53	Bromide	1.406	0.172	1.76	2.333	BMB
5	6.19	Nitrate	7.316	[illegible]	21.09	2.277	BMB
6	7.85	Sulfate	3.177	0.595	13.30	4.621	BMB
Total:			32.615	[illegible]	100.00	[illegible]	

91 CCV8

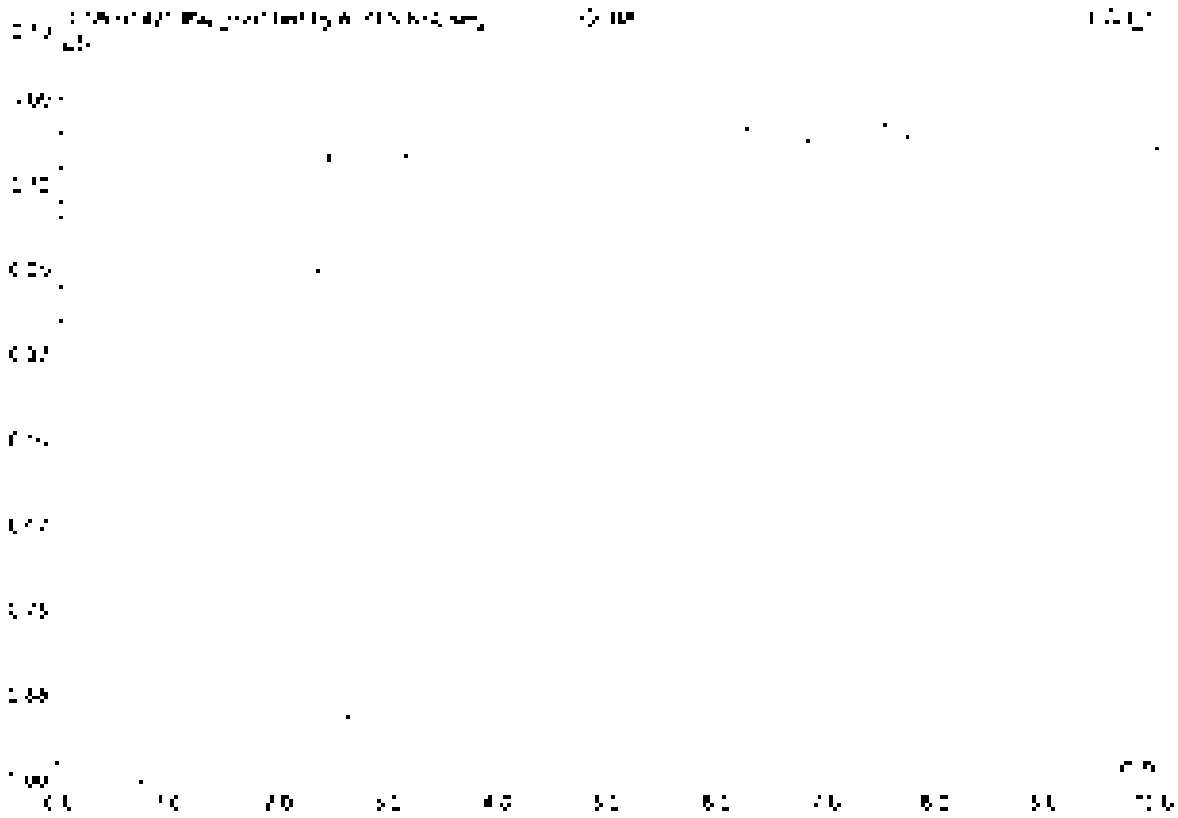
Sample Name	CCV8	Injected Volume	2.0
Run Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 5:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.63	Fluoride	5.077	[illegible]	25.29	5.535	BMB
2	4.05	Chloride	8.965	0.820	17.72	4.432	BMB
3	4.70	Nitrite	6.717	0.864	18.67	2.419	BMB
4	5.53	Bromide	[illegible]	[illegible]	[illegible]	2.511	BMB
5	6.18	Nitrate	7.619	1.005	21.75	2.277	BMB
6	7.88	Sulfate	3.177	0.525	11.86	4.631	BMB
Total:			32.660	4.628	100.00	21.358	

92 CCB8

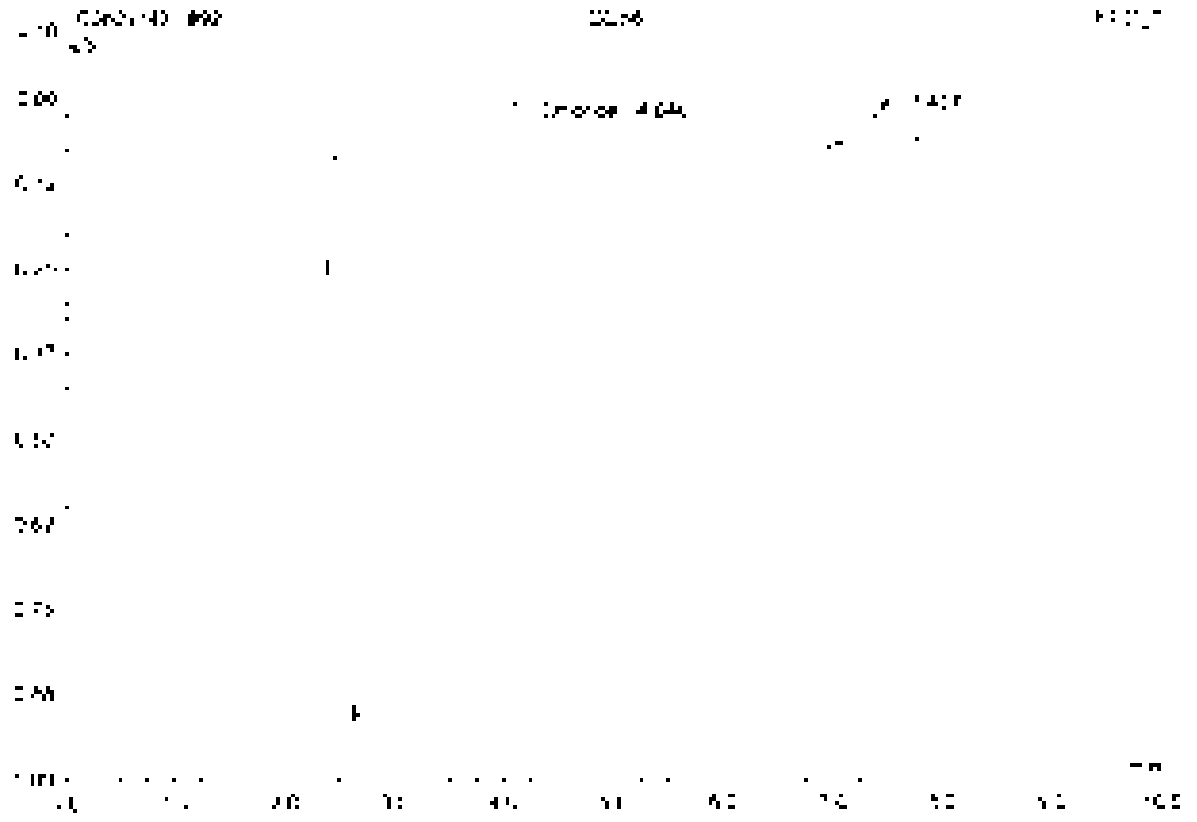
Sample Name	CCB8	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 5:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total			0.000	0.000	0.00	0.000	

92 CCB#

Sample Name	CCB#	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	1.0000
Recovery Time	9/15/2021 5:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	0.605	1.771	99.27	9.701	BMB
2	7.41	n.a.	0.041	0.013	0.73	n.a.	bVB
Total			0.646	1.784	100.00	9.701	

Metals

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

Preparation Information Benchsheet

Prep Run	[illegible]	**Prep Workflow**	[illegible]	**Status**	Prepped	**Prep Date**	[illegible]
Team	[illegible]	**Prep Method**	EPA [illegible]	**Current Step**	[illegible]	**Due Date:**	[illegible]
Analyst	[illegible]	**Rush/NPDES**	N/A			**Hold Date**	[illegible]

[illegible]

14 Total Samples consisting of 10 Client Samples, 2 Client QC Samples, 2 Batch QC Samples associated with the current Prep Run.

Spiking Solutions

Name	Type	ID	Expires	Name	Type	ID	Expires
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Materials

Step	Name	ID	Step	Name	ID
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			

Preparation Hardware / Equipment

Step	Name	Property	Value	Step	Name	Property	Value
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		

Preparation Steps

Step	Start	Finish	By	Machine	Duration	Comments
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Comments

[illegible]

Review

Reviewed by [illegible] Date [illegible]

ICP-MS LCSW AND SPIKING SOLUTIONS

1.00mL to 500mL Dilution of Inorganic Ventures QCP CICV-1
k-mat 1/100 DCP-CICV-1

Analyte	Concentration of solution (ppb)	Concentration in digest (ppb)
Al	10000	100
Ag	1250	12.5
Ba	10000	100
Be	250	2.5
Ca	25000	250
Co	2500	25
Cu	1250	12.5
Cr	1000	10
Fe	5000	50
K	25000	250
Mg	25000	250
Mn	2500	25
Na	25000	250
Ni	2500	25
V	2500	25
Zn	2500	25

0.10mL to 100mL Dilution of 1000ppm Sb
k-mat 1ug/mL Sb

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Sb	1000	10

1.00mL to 500mL Dilution of Inorganic Ventures QCP CICV-2
k-mat 1/100 DCP-CICV-2

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
As	5000	50
Pb	5000	50
Se	5000	50
Tl	5000	50
Cd	2500	25

0.5mL to 100mL Dilution of 1000 ppm Mo and 1000 ppm U
k-mat Mo/U 5ppm

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Mo	5000	25
U	5000	25

Preparation Information Benchsheet

Prep Run	380797	**Prep Workflow:**	[illegible]	**Status**	Open	**Prep Date:**	[illegible]
Team:	Metals	**Prep Method:**	EPA 6020 1.904.0	**Current Step:**	Digestion	**Due Date**	[illegible]
Analyst	[illegible]	**Aqua/NPDES**	N/A			**Hold Date:**	02/22/2022

[illegible]

14 Total Samples consisting of 10 Client Samples, 2 Client QC Samples, 2 Batch QC Samples associated with the current Prep Run.

Spiking Solutions

Name	Type	ID	Expires	Name	Type	ID	Expires
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Materials

Preparation Hardware / Equipment

Preparation Steps

Step	Start(s)	Finish(s)	Dr	Required By	Tolerance	Comments
Sterilization					n	

Comments

[illegible]

Review

Reviewed By Date

Service Request # K2110125, K2110138, K2110356
Calibration. 092721AICPMS06
ALS LIMS Run# 740.
Pipette IDs. 16006318, 19070685, 18010244
Pipette Check Due: 11/19/21
Cal Std: MS28-64-I
ICV Std: MS28-63-E
LLICV Std: MS28-63-A
I.S. Solution: MS28-47-F
Tune Std. MS28-3-A
ICSA: MS28-64-J
ICSAB. MS28-64-K

ICP-MS Data Review Form

		Yes	No	NA
1.	Appropriate standardization completed	X		
2	ICV in control (+/- 10%)	X		
3	CCV's in control (+/- 10%)	X		
4	ICB/CCB's below MRL	X		
5	LLICV standard analyzed and in control	X		
6	ICS standards within 20% of true value			X
6	All analytes within instrument linear range	X		
7	Adequate rinse out time allowed	X		
8.	Internal standards in control	X		
9	Interferences checked	X		
10	Was the run terminated? If so why		X	

See Benchsheet exception report for sample batch QC information

Comments.

Prep Batches 386797 387797 387075 387074

Primary Review by Date

Secondary Review by Date

Data Review Form

Instrument ID#	K-ICP-MS-06
DataFile Name	R:\ICP\WIP\DATA\K-ICP-MS-06 (Agilent 7800)\092721A.csv
RUNNO	740188

K2110125

No exceptions to report.

K2110138

No exceptions to report.

K2110356

No exceptions to report.

Primary Approver

Secondary Approver

9/29/21

	Sample								
		Rpt	Data File	Acq Date-Time	Type	Level	Sample Name	Comment	Vial Number
1			0015MPL	2021 09 27 11 26 34 AM	Sample		FRINIR		2
2			0025MPL	2021 09 27 11 27 50 AM	Sample		RINSE		1
3			0035MPL	2021 09 27 11 29 20 AM	CalStd	1	Blank		1
4			0045MPL	2021 09 27 11 30 42 AM	CalStd	2	25ppb		2
5			005 ICV d	2021 09 27 11 32 07 AM	ICV		ICV		21111
6			006 CCV	2021 09 27 11 33 32 AM	CCV		CCV		2
7			007 ICB d	2021 09 27 11 34 55 AM	ICB		ICB		1
8			008 CCB	2021 09 27 11 36 18 AM	CCB		CCB		1
9			009 CCV d	2021 09 27 11 37 41 AM	CCV		CCV		2102
10			010 CSA d	2021 09 27 11 39 03 AM	CSA		CSA		2102
11			011 CSAB d	2021 09 27 11 40 25 AM	CSAB		CSAB		2104
12			012 SMPL	2021 09 27 11 41 47 AM	Sample		MOS TD		2106
13			013 PB d	2021 09 27 11 43 11 AM	PB		4021 7255 01		1101
14			014 LCS d	2021 09 27 11 44 33 AM	LCS		4021 7255 02		1102
15			015 AR1 d	2021 09 27 11 45 55 AM	Al Rel		K21 0125 001	5X	1103
16			016 Dup d	2021 09 27 11 47 17 AM	Dup		K021 7255-03	5X	1104
17			017SMPL	2021 09 27 11 48 39 AM	Sample		K21 0125 001	5X	1105
18			018 MS d	2021 09 27 11 50 01 AM	MS		K21 0125 001A	5X 1 ppb	1106
19			019 SPK d	2021 09 27 11 51 25 AM	Spike		K021 7255 04	5X	1107
20			020SMPL	2021 09 27 11 52 48 AM	Sample		K21 0125 002	5X	1108
21			021SMPL	2021 09 27 11 54 10 AM	Sample		K21 0125 003	5X	1109
22			022SMPL	2021 09 27 11 55 32 AM	Sample		K21 0125 005	5X	1110
23			023 CCV	2021 09 27 11 56 55 AM	CCV		CCV		2
24			024 CCB	2021 09 27 11 58 17 AM	CCB		CCB		1
25			025 PB d	2021 09 27 11 59 41 AM	PB		K021 7255 01		1101
26			026SMPL	2021 09 27 12 01 06 PM	Sample		K21 0125 006	5X	1111
27			027SMPL	2021 09 27 12 02 27 PM	Sample		K21 0125 007	5X	1112
28			028SMPL	2021 09 27 12 03 49 PM	Sample		K21 0125 008	5X	1201
29			029SMPL	2021 09 27 12 05 12 PM	Sample		K21 0125 001	5X	1202
30			030SMPL	2021 09 27 12 06 35 PM	Sample		K21 0125 002	5X	1203
31			031SMPL	2021 09 27 12 08 00 PM	Sample		K21 0125 003	5X	1204
32			032SMPL	2021 09 27 12 09 22 PM	Sample		K21 0125 004	5X	1205
33			033SMPL	2021 09 27 12 10 45 PM	Sample		K21 0125 005	5X	1206
34			034SMPL	2021 09 27 12 12 07 PM	Sample		K21 0125 006	5X	1207
35			035 CCV	2021 09 27 12 13 30 PM	CCV		CCV		2
36			036 CCB	2021 09 27 12 14 54 PM	CCB		CCB		1
37			037SMPL	2021 09 27 12 16 17 PM	Sample		K21 0125 007	5X	1208
38			038SMPL	2021 09 27 12 17 40 PM	Sample		K21 0125 008	5X	1209
39			039SMPL	2021 09 27 12 19 02 PM	Sample		K21 0125 009	5X	1210
40			040SMPL	2021 09 27 12 20 25 PM	Sample		K21 0125 010	5X	1211

	Sample								
		Rpl	Data File	Acq Date Time	Type	Level	Sample Name	Comment	Vial Number
41			041 PDS.d	2021 09 27 12 21 17 PM	PDS		K21102125 001A	5X +50pp	1312
42			042 CCV	2021 09 27 12 23 11 PM	CCV		CCV		2
43			043 CCB	2021 09 27 12 24 36 PM	CCB		CCB		1
44			044 CCV	2021 09 27 12 25 58 PM	LLCCV		LLCCVW		2102
45			045 PB.d	2021 09 27 12 27 22 PM	PB		K21110399 01		1301
46			046 LCS.d	2021-09-27 12 28 45 PM	LCS		K21110399 02		1302
47			047 AR1.d	2021-09-27 12 34 02 PM	A Rpl		K21 10138 001	5X	1303
48			048 Dup.d	2021 09 27 12 35 54 PM	Dup		K21110399 03	5X	1304
49			049SMPL	2021 09 27 12 37 16 PM	Sample		K21 10138 001L	25X	1305
50			050 PDS.d	2021 09 27 12 38 39 PM	PDS		K21 10138 001A	5X +50pp	1306
51	*		051 SPK.d	2021 09 27 12 40 01 PM	Spike		K21 10399 04	5X	1307
52			052SMPL	2021 09 27 12 41 24 PM	Sample		K21 10132 003	5X	1308
53			053SMPL	2021 09 27 12 42 46 PM	Sample		K21 10134 006	5X	1309
54			054SMPL	2021 09 27 12 44 06 PM	Sample		K21 10134 006	5X	1310
55			055 CCV	2021 09 27 12 45 32 PM	CCV		CCV		2
56			056 CCB	2021 09 27 12 46 55 PM	CCB		CCB		1
57			057SMPL	2021 09 27 12 48 20 PM	Sample		K21 10138 007	5X	1311
58			058SMPL	2021 09 27 12 49 43 PM	Sample		K21 10138 009	5X	1312
59			059SMPL	2021 09 27 12 51 06 PM	Sample		K21 10138 001	D 5X	1401
60			060SMPL	2021 09 27 12 52 28 PM	Sample		K21 10138 002	D 5X	1402
61			061SMPL	2021 09 27 12 53 50 PM	Sample		K21 10138 003	D 5X	1403
62			062SMPL	2021 09 27 12 55 13 PM	Sample		K21 10138 004	D 5X	1404
63			063SMPL	2021-09-27 12 56 35 PM	Sample		K21 10138 005	D 5X	1405
64			064SMPL	2021-09-27 12 57 57 PM	Sample		K21 10138 006	D 5X	1406
65			065SMPL	2021-09-27 12 59 20 PM	Sample		K21 10138 007	D 5X	1407
66			066SMPL	2021 09 27 1 00 42 PM	Sample		K21 10138 008	D 5X	1408
67			067 CCV	2021 09 27 1 02 06 PM	CCV		CCV		2
68			068 CCB	2021 09 27 1 03 27 PM	CCB		CCB		1
69			069SMPL	2021 09 27 1 04 51 PM	Sample		K21 10138 009	D 5X	1409
70			070 CCV	2021 09 27 1 06 14 PM	CCV		CCV		2
71			071 CCB	2021 09 27 1 07 38 PM	CCB		CCB		1
72			072LCCV	2021 09 27 1 09 02 PM	LLCCV		LLCCVW		2102
73			073 PB.d	2021 09 27 1 10 27 PM	PB		K21 17584 01		1410
74			074 LCS.d	2021-09-27 1 11 49 PM	LCS		K21 17584 02		1411
75			075 AR1.d	2021 09 27 1 13 11 PM	A Rpl		K21 10356 001	5X	1412
76			076 Dup.d	2021-09-27 1 14 34 PM	Dup		K21 17584 03	5X	1413
77			077SMPL	2021 09 27 1 15 56 PM	Sample		K21 10156 001L	25X	1414
78			078 PDS.d	2021 09 27 1 17 19 PM	PDS		K21 10156 001A	5X +50pp	1415
79	*		079 SPK.d	2021 09 27 1 18 42 PM	Spike		K21 17584 04	5X	1416
80			080SMPL	2021 09 27 1 20 04 PM	Sample		K21 10156 003	5X	1417

	Sample ID	Type	Data File	Acq. Date-Time	Type	Level	Sample Name	Comment	Vial Number
81		[illegible]	[illegible]	2021 09 27 1 27 36 PM	Sample		K21 0356 004	5X	1506
82		[illegible]	[illegible]	2021 09 27 1 29 50 PM	Sample		K21 0356 005	5X	1507
83		[illegible]	083 CCV	2021 09 27 1 31 14 PM	CCV		CCV		2
84		[illegible]	084 CCB	2021 09 27 1 32 37 PM	CCB		CCB		1
85		[illegible]	085SMPL	2021 09 27 1 37 00 PM	Sample		K21 0356 007	5X	1508
86		[illegible]	086SMPL	2021 09 27 1 38 22 PM	Sample		K21 0356 008	5X	1509
87		[illegible]	087SMPL	2021 09 27 1 39 44 PM	Sample		K21 0356 009	5X	1510
88		[illegible]	088SMPL	2021 09 27 1 41 07 PM	Sample		K21 0356 010	5X	1511
89		[illegible]	089SMPL	2021 09 27 1 42 29 PM	Sample		K21 0356 011	5X	1512
90		[illegible]	090SMPL	2021 09 27 1 43 54 PM	Sample		K21 0356 012	5X	3101
91		[illegible]	091SMPL	2021 09 27 1 45 16 PM	Sample		K21 0356 013	5X	3102
92		[illegible]	092SMPL	2021 09 27 1 46 39 PM	Sample		K21 0356 014	25X	3103
93		[illegible]	093SMPL	2021 09 27 1 48 01 PM	Sample		K21 0356 015	5X	3104
94		[illegible]	094 CCV	2021 09 27 1 49 24 PM	CCV		CCV		2
95		[illegible]	095 CCB	2021 09 27 1 50 49 PM	CCB		CCB		1
96	[illegible]	[illegible]	096CCV	2021 09 27 1 52 13 PM	CCV		CCV		2482
97		[illegible]	097CCV	2021 09 27 1 53 37 PM	CCV		CCV		2
98		[illegible]	098 PB2	2021 09 27 1 55 00 PM	PB		KQ21 0583 01		3105
99		[illegible]	099 LCS	2021 09 27 1 56 23 PM	LCS		KQ21 0583 02		3106
100		[illegible]	100 ASH 2	2021 09 27 1 57 47 PM	ASH		K21 0356 001	0.5X	3107
101	[illegible]	[illegible]	101 Dup 2	2021 09 27 1 59 10 PM	Dup		KQ21 0583 03	0.5X	3108
102		[illegible]	102SMPL	2021 09 27 2 00 34 PM	Sample		K21 0356 001L	0.25X	3109
103		[illegible]	103 POS 2	2021 09 27 2 01 59 PM	POS		K21 0356 001A	0.5X +SS	3110
104		[illegible]	104 SPK 2	2021 09 27 2 03 21 PM	Spike		KQ21 0583 04	0.5X	3111
105		[illegible]	105SMPL	2021 09 27 2 04 44 PM	Sample		K21 0356 002	0.5X	3112
106		[illegible]	106SMPL	2021 09 27 2 06 07 PM	Sample		K21 0356 003	0.5X	3201
107		[illegible]	107SMPL	2021 09 27 2 07 30 PM	Sample		K21 0356 004	0.5X	3202
108		[illegible]	108 CCV	2021 09 27 2 08 53 PM	CCV		CCV		2
109		[illegible]	109 CCB	2021 09 27 2 10 16 PM	CCB		CCB		1
110		[illegible]	110SMPL	2021 09 27 2 11 39 PM	Sample		K21 0356 005	0.5X	3203
111		[illegible]	111SMPL	2021 09 27 2 13 02 PM	Sample		K21 0356 006	0.5X	3204
112		[illegible]	112SMPL	2021 09 27 2 14 24 PM	Sample		K21 0356 007	0.5X	3205
113		[illegible]	113SMPL	2021 09 27 2 15 47 PM	Sample		K21 0356 008	0.5X	3206
114		[illegible]	114SMPL	2021 09 27 2 17 10 PM	Sample		K21 0356 009	0.5X	3207
115		[illegible]	115SMPL	2021 09 27 2 18 33 PM	Sample		K21 0356 010	0.5X	3208
116		[illegible]	116SMPL	2021 09 27 2 19 55 PM	Sample		K21 0356 011	0.5X	3209
117		[illegible]	117SMPL	2021 09 27 2 21 18 PM	Sample		K21 0356 012	0.5X	3210
118		[illegible]	118SMPL	2021 09 27 2 22 41 PM	Sample		K21 0356 013	0.5X	3211
119		[illegible]	119SMPL	2021 09 27 2 24 04 PM	Sample		K21 0356 014	0.5X	3212
120		[illegible]	120 CCV	2021 09 27 2 25 48 PM	CCV		CCV		2

Sample

	Sample	Flgd	Data File	Acq Date Time	Type	Level	Sample Name	Comment	Vial Number
121		F	[illegible] CCB	2021 09 27 3 04 [illegible] PM	CCB		CCB		1
122		F	1225MPL	2021 09 27 3 05 34 PM	Sample		K21 10356-017	5X	3301
123		F	1235MPL	2021 09 27 3 06 57 PM	Sample		K21 10356-018	10 5X	3302
124		F	1245MPL	2021 09 27 3 08 19 PM	Sample		K21 10356-019	10 5X	3303
125		F	1255MPL	2021 09 27 3 09 42 PM	Sample		K21 10356-017	D 5X	3303
126		F	1265MPL	2021 09 27 3 11 05 PM	Sample		K21 10356-015	D 5X	3304
127		F	1275MPL	2021 09 27 3 12 28 PM	Sample		K21 10356-019	D 5X	3305
128		F	1285MPL	2021 09 27 3 13 51 PM	Sample		K21 10356-020	D 5X	3306
129		F	129 CCV	2021 09 27 3 15 15 PM	CCV		CCV		2
130		F	130 CCB	2021 09 27 3 16 37 PM	CCB		CCB		1
131		F	131 CCB	2021 09 27 3 25 53 PM	CCB		CCB		1
132		F	132LCCV	2021 09 27 3 36 38 PM	LCCV		LCCVW		2102

Analyte

	Name	Mass	ISTD	Tune Mode	Units	Replicates
1	Mn	55	72	He	ug/	3
2	Fe	56	72	He	ug/	3
3	As	75	72	He	ug/	3
4	Mo	95	115	He	ug/	3
5	Mo	95	115	He	ug/	3
6	Se	45		He		3
7	Se	82		He		3
8	[illegible]	[illegible]		He		3

US EPA Tune Check Report

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US EPA Tune Check Report

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Calibration Standard Report

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Initial Calibration Verification (ICV) Report

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Continuing Calibration Verification (CCV) Report

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Parameter	Units	[illegible]	Time Window	Curve	Levels	[illegible]	[illegible]	% Rec	QC Flag
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Matrix	Units	Time Window	[illegible]	[illegible]	[illegible]	% Rec	QC Flag
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Initial Calibration Blank (ICB) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Initial Calibration Verification (LLICV) Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Duplicate Sample Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Name	Mass	Conc Value	[illegible]	[illegible]	[illegible]	% Rec	QC Flag
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Name	Mass	[illegible]	Type	Conc	Units	Conc. RSD	CPS	QC Flag
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Name	Mass	Type Mass	CPS	CPS RSD	Int. CPS	% Rec	QC Flag
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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Prep Blank (PB) Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Sample Report

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Post Digestion Spike Sample (PDS) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank [PB] Report

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Laboratory Control Sample (LCS) Report

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Duplicate Sample Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Name	Value	Spike Value	CI %	CI % (%)	Ref CI %	% Rec	QC Flag
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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Sample Report

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Name	Mass	[illegible]	[illegible]	Conc	[illegible]	Conc RSD	CPS	QC Flag
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Name	Mass	[illegible]	CPS	CPS RSD	Net CPS	% Rec	QC Flag
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Sample Name

File Name

Data Path Name

Acq Time

Barcode Type

Comment

ARTL Sort Location

Operator

QC Sample Type

Name	Mass	RT	Time	Conc	Units	Conc ARD	CPS	QC Flag
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	µg/l	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	µg/l	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	µg/l	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	µg/l	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	µg/l	[illegible]	[illegible]	

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Name	Mass	Time Mass	CPS	CPS ARD	Int CPS	% Rec	QC Flag
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
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Name	Mass	[illegible]	[illegible]	Conc	Unit	Conc RSD	CPS	QC Flag
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

QC Flag Table

Name	Mass	Conc Value	CPS	CPS RSD	Int CPS	% Rec	QC Flag
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Duplicate Sample Report

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Name	Mass	Lower Width	CPS	[illegible]	Net CPS	% Rec	QC Flag
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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Name	Value	[illegible]	[illegible]	Conc	[illegible]	Conc RSD	CIS	QC Flag
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Name	Mass	Comp Mass	CPS	CPS RSD	Mass (%)	[illegible]	QC Flag
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Name	Mass	[illegible]	[illegible]	Conc	[illegible]	Conc RSD	CPS	QC Flag
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Name	Mass	[illegible]	CPS	CPS RSD	Ref CPS	% Rec	QC Flag
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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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QC Analyte Table

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QC IS Table

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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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QC Analyte Results

Name	Mass	[illegible]	[illegible]	Conc	Units	Conc. [illegible]	CRL	QC Flag
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QC [illegible] Values

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Laboratory Control Sample (LCS) Report

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Reference Sample Report

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Duplicate Sample Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Name	Mass	Type/Mass	CPS	CPS RSD	Net CPS	% Rec	QC Flag
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DC Analysis Table

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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September 27, 2021

Analytical Report for Service Request No: K2110138

Jessica Goin
Anchor QEA, LLC
421 SW Sixth Ave.
Suite 750
Portland, OR 97204

RE: Grumman Road Treatability

Dear Jessica,

Enclosed are the results of the sample(s) submitted to our laboratory August 30, 2021
For your reference, these analyses have been assigned our service request number **K2110138.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3376. You may also contact me via email at Mark.Harris@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Kelley Lovejoy

for Mark Harris
Project Manager

RIGHT SOLUTIONS | RIGHT PARTNER

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Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Case Narrative

ALS Environmental—Kelso Laboratory
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Client: Anchor QEA, LLC
Project: Grumman Road Treatability
Sample Matrix: Water

Service Request: K2110138
Date Received: 08/30/2021

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.

Sample Receipt:

Nine water samples were received for analysis at ALS Environmental on 08/30/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

General Chemistry:

No significant anomalies were noted with this analysis.

Approved by Kelley Lovejoy Date 09/27/2021

Chain of Custody

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Phone (360)577-7222 Fax (360)636-1068
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ALS Environmental

CHAIN OF CUSTODY

PM

Cooler Receipt and Preservation Form

Client ANCHOR Service Request K21 [illegible] KM

Received 8.30.21 Opened 8:30:21 By [illegible] Unbroken By

1 Sample [illegible] FedEx UPS USPS Courier Hand Delivered

2 Sample [illegible] Cooler Box Envelope Other N/A

3 Were custody seals on coolers N/A Y N (circled) If yes, how many and where?

If present, were seals intact? Y N If present, were they signed and dated? Y N

4 Was a temperature blank provided in each cooler? N/A (circled) Y N Is it representative of the other coolers? Is the appropriate volume in it?

If no, note the temperature of the representative sample bottle contained in that cooler in the column "Sample Temp"

5 Were samples received within the method specified temperature range? N/A (circled) Y N

If no, were they received on ice and same day as collected? If no, please fill out a cooler form and notify the PM (circled) Y N

Applicable: Some samples were received Frozen Partially Thawed Thawed

Temp Blank	Sample Temp	IR Gun	Cooler ID/COC ID (circled)	Out of temp indicate with "X"	Per notified if out of temp	Tracking Number (circled)	Food
1.9	—	10.2					

6 Packing material: Bubble Wrap Bubble Bags Foam Pieces (circled) Dry Ice None

7 Were custody papers properly filled out (ink, signed, etc.) N/A (circled) Y N

8 Were sample containers received intact (no broken bottles, etc.) N/A (circled) Y N

9 Were all sample labels complete (analysis, preservation, etc.) N/A (circled) Y N

10 Did all sample labels and tags agree with custody papers? N/A (circled) Y N

11 Were appropriate bottles/containers and volumes received for the tests indicated? N/A (circled) Y N

12 Were the pH-preserved bottles checked for proper pH, and recorded on the appropriate pH log? Did all bottles meet pH? N/A (circled) Y N

13 Were VOA vials checked for absence of air bubbles? If yes, notify the PM. N/A (circled) Y N

14 Were 1L Amber received? N/A (circled) Y N

Sample ID on Bottle	Sample ID on COC	Identified by:

Sample ID	Bottle Count Bottle Type	Head-space	pH	pH	Reagent	Volume added	Reagent Lot Number	Initials	Time

Notes, discrepancies, resolutions

General Chemistry

ALS Environmental—Kelso Laboratory
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110138
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21
Sample Matrix:	Water	**Date Received:**	08/30/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Sulfate

Sample Name	Lab Code	Result	MRL	MDL	Dil.	Date Analyzed	Q
GR-GWC-15-321	K2110138-001	**114**	4.0	0.4	20	09/15/21 04:55	
GR-GWC-15-122	K2110138-003	**132**	4.0	0.4	20	09/15/21 05:07	
GR-GWC-15-222	K2110138-005	**131**	4.0	0.4	20	09/15/21 19:57	
GR-GWC-15-1222	K2110138-006	**134**	4.0	0.4	20	09/15/21 20:08	
GR-GWC-15-322	K2110138-007	**190**	4.0	0.4	20	09/15/21 20:20	
GR-GWC-003	K2110138-009	ND U	0.40	0.04	2	09/17/21 10:19	
Method Blank	K2110138-MB1	ND U	0.20	0.02	1	09/14/21 12:26	
Method Blank	K2110138-MB2	ND U	0.20	0.02	1	09/14/21 21:50	
Method Blank	K2110138-MB3	ND U	0.20	0.02	1	09/15/21 04:43	
Method Blank	K2110138-MB4	ND U	0.20	0.02	1	09/15/21 12:47	
Method Blank	K2110138-MB5	ND U	0.20	0.02	1	09/15/21 20:43	
Method Blank	K2110138-MB6	ND U	0.20	0.02	1	09/16/21 05:01	
Method Blank	K2110138-MB7	ND U	0.20	0.02	1	09/16/21 14:34	
Method Blank	K2110138-MB8	ND U	0.20	0.02	1	09/17/21 00:52	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110138
Project	Grumman Road Treatability	**Date Collected:**	08/27/21
Sample Matrix:	Water	**Date Received:**	08/30/21
		Date Analyzed:	09/17/21

Replicate Sample Summary
General Chemistry Parameters

Sample Name:	GR-GWC-003	**Units:**	mg/L
Lab Code:	K2110138-009	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample K2110138-009DUP Result	Average	RPD	RPD Limit
Sulfate	300.0	0.40	0.04	ND U	ND U	NC	NC	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110138
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21
Sample Matrix:	Water	**Date Received:**	08/30/21
		Date Analyzed:	09/17/21
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Sulfate

Sample Name:	GR-GWC-003	**Units:**	mg/L
Lab Code:	K2110138-009	**Basis:**	NA
Analysis Method:	300.0		
Prep Method:	None		

		Matrix Spike K2110138-009MS			Duplicate Matrix Spike K2110138-009DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Sulfate	ND U	7.53	8.00	94	7.83	8.00	98	90-110	4	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110138
Project:	Grumman Road Treatability	**Date Analyzed:**	09/14/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Sulfate

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	738603

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2110138-LCS1	4.59	5.00	92	90-110
Lab Control Sample	K2110138-LCS2	4.87	5.00	97	90-110
Lab Control Sample	K2110138-LCS3	4.81	5.00	96	90-110

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110138
Project:	Grumman Road Treatability	**Date Analyzed:**	09/15/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Sulfate

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	738798

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2110138-LCS4	4.72	5.00	94	90-110
Lab Control Sample	K2110138-LCS5	5.02	5.00	100	90-110
Lab Control Sample	K2110138-LCS6	4.92	5.00	98	90-110

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110138
Project:	Grumman Road Treatability	**Date Analyzed:**	09/16/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Sulfate

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	739052

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2110138-LCS7	4.81	5.00	96	90-110
Lab Control Sample	K2110138-LCS8	4.87	5.00	97	90-110

Client: Anchor QEA, LLC **Service Request:** K2110138
Project: Grumman Road Treatability

Continuing Calibration Verification (CCV) Summary

Sulfate

Analysis Method: 300.0 **Units:** mg/L

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	738603	KQ2117932-01	09/14/21 11:52	5.00	4.83	97	90-110
CCV2	738603	KQ2117932-02	09/14/21 15:37	5.00	4.87	97	90-110
CCV3	738603	KQ2117932-03	09/14/21 17:56	5.00	4.84	97	90-110
CCV4	738603	KQ2117932-04	09/14/21 20:16	5.00	4.90	98	90-110
CCV5	738603	KQ2117932-05	09/14/21 22:36	5.00	4.91	98	90-110
CCV6	738603	KQ2117932-06	09/15/21 00:57	5.00	4.63	93	90-110
CCV7	738603	KQ2117932-07	09/15/21 03:19	5.00	5.34	107	90-110
CCV8	738603	KQ2117932-08	09/15/21 05:19	5.00	4.63	93	90-110
CCV9	738798	KQ2118129-01	09/15/21 12:12	5.00	4.74	95	90-110
CCV10	738798	KQ2118129-02	09/15/21 14:31	5.00	4.87	97	90-110
CCV11	738798	KQ2118129-03	09/15/21 16:50	5.00	4.89	98	90-110
CCV12	738798	KQ2118129-04	09/15/21 19:10	5.00	4.90	98	90-110
CCV13	738798	KQ2118129-05	09/15/21 21:30	5.00	4.95	99	90-110
CCV14	738798	KQ2118129-06	09/15/21 23:51	5.00	4.88	98	90-110
CCV15	738798	KQ2118129-07	09/16/21 02:14	5.00	4.90	98	90-110
CCV16	738798	KQ2118129-08	09/16/21 04:37	5.00	4.93	99	90-110
CCV17	738798	KQ2118129-09	09/16/21 05:37	5.00	4.71	94	90-110
CCV18	739052	KQ2118179-01	09/16/21 14:00	5.00	4.77	95	90-110
CCV19	739052	KQ2118179-02	09/16/21 18:08	5.00	4.84	97	90-110
CCV20	739052	KQ2118179-03	09/16/21 21:11	5.00	4.70	94	90-110
CCV21	739052	KQ2118179-04	09/16/21 23:30	5.00	4.73	95	90-110
CCV22	739052	KQ2118179-05	09/17/21 01:51	5.00	4.87	97	90-110
CCV23	739052	KQ2118179-06	09/17/21 10:43	5.00	4.81	96	90-110
CCV24	739052	KQ2118179-07	09/17/21 13:05	5.00	4.94	99	90-110

Client: Anchor QEA, LLC **Service Request:**K2110138
Project: Grumman Road Treatability

Continuing Calibration Blank (CCB) Summary
Sulfate

Analysis Method: 300.0 **Units:**mg/L

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	738603	KQ2117932-09	09/14/21 12:03	0.20	0.02	ND	U
CCB2	738603	KQ2117932-10	09/14/21 15:49	0.20	0.02	ND	U
CCB3	738603	KQ2117932-11	09/14/21 18:08	0.20	0.02	ND	U
CCB4	738603	KQ2117932-12	09/14/21 20:28	0.20	0.02	ND	U
CCB5	738603	KQ2117932-13	09/14/21 22:48	0.20	0.02	ND	U
CCB6	738603	KQ2117932-14	09/15/21 01:09	0.20	0.02	ND	U
CCB7	738603	KQ2117932-15	09/15/21 03:31	0.20	0.02	ND	U
CCB8	738603	KQ2117932-16	09/15/21 05:31	0.20	0.02	ND	U
CCB9	738798	KQ2118129-10	09/15/21 12:23	0.20	0.02	ND	U
CCB10	738798	KQ2118129-11	09/15/21 14:42	0.20	0.02	ND	U
CCB11	738798	KQ2118129-12	09/15/21 17:02	0.20	0.02	ND	U
CCB12	738798	KQ2118129-13	09/15/21 19:22	0.20	0.02	ND	U
CCB13	738798	KQ2118129-14	09/15/21 21:42	0.20	0.02	ND	U
CCB14	738798	KQ2118129-15	09/16/21 00:03	0.20	0.02	ND	U
CCB15	738798	KQ2118129-16	09/16/21 02:26	0.20	0.02	ND	U
CCB16	738798	KQ2118129-17	09/16/21 04:49	0.20	0.02	ND	U
CCB17	738798	KQ2118129-18	09/16/21 05:50	0.20	0.02	ND	U
CCB18	739052	KQ2118179-08	09/16/21 14:11	0.20	0.02	ND	U
CCB19	739052	KQ2118179-09	09/16/21 18:20	0.20	0.02	ND	U
CCB20	739052	KQ2118179-10	09/16/21 21:22	0.20	0.02	ND	U
CCB21	739052	KQ2118179-11	09/16/21 23:42	0.20	0.02	ND	U
CCB22	739052	KQ2118179-12	09/17/21 02:03	0.20	0.02	ND	U
CCB23	739052	KQ2118179-13	09/17/21 10:55	0.20	0.02	ND	U
CCB24	739052	KQ2118179-14	09/17/21 13:17	0.20	0.02	ND	U

Metals

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110138
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 18:00
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-321	**Basis:**	NA
Lab Code:	K2110138-001		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**19.9**	ug/L	2.5	0.5	5	09/27/21 12:51	09/21/21	
Iron	6020A	**11**	ug/L	10	2	5	09/27/21 12:51	09/21/21	
Molybdenum	6020A	**92.7**	ug/L	0.50	0.15	5	09/27/21 12:51	09/21/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110138
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 18:00
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-321	**Basis:**	NA
Lab Code:	K2110138-001		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**55.9**	ug/L	2.5	0.5	5	09/27/21 12:34	09/21/21	
Iron	6020A	**781**	ug/L	10	2	5	09/27/21 12:34	09/21/21	
Molybdenum	6020A	**91.3**	ug/L	0.50	0.15	5	09/27/21 12:34	09/21/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110138
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 18:05
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-1321	**Basis:**	NA
Lab Code:	K2110138-002		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**18.0**	ug/L	2.5	0.5	5	09/27/21 12:52	09/21/21	
Iron	6020A	**8**	ug/L	10	2	5	09/27/21 12:52	09/21/21	**J**
Molybdenum	6020A	**93.9**	ug/L	0.50	0.15	5	09/27/21 12:52	09/21/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110138
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 18:40
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-122	**Basis:**	NA
Lab Code:	K2110138-003		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**5.4**	ug/L	2.5	0.5	5	09/27/21 12:53	09/21/21	
Iron	6020A	**144**	ug/L	10	2	5	09/27/21 12:53	09/21/21	
Molybdenum	6020A	**74.6**	ug/L	0.50	0.15	5	09/27/21 12:53	09/21/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110138
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 18:40
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-122	**Basis:**	NA
Lab Code:	K2110138-003		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**45.1**	ug/L	2.5	0.5	5	09/27/21 12:41	09/21/21	
Iron	6020A	**3840**	ug/L	10	2	5	09/27/21 12:41	09/21/21	
Molybdenum	6020A	**76.5**	ug/L	0.50	0.15	5	09/27/21 12:41	09/21/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110138
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 18:45
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-1122	**Basis:**	NA
Lab Code:	K2110138-004		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**6.6**	ug/L	2.5	0.5	5	09/27/21 12:55	09/21/21	
Iron	6020A	**108**	ug/L	10	2	5	09/27/21 12:55	09/21/21	
Molybdenum	6020A	**74.4**	ug/L	0.50	0.15	5	09/27/21 12:55	09/21/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110138
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 19:00
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-222	**Basis:**	NA
Lab Code:	K2110138-005		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**3.7**	ug/L	2.5	0.5	5	09/27/21 12:56	09/21/21	
Iron	6020A	**51**	ug/L	10	2	5	09/27/21 12:56	09/21/21	
Molybdenum	6020A	**76.5**	ug/L	0.50	0.15	5	09/27/21 12:56	09/21/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110138
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 19:00
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-222	**Basis:**	NA
Lab Code:	K2110138-005		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**33.8**	ug/L	2.5	0.5	5	09/27/21 12:42	09/21/21	
Iron	6020A	**2920**	ug/L	10	2	5	09/27/21 12:42	09/21/21	
Molybdenum	6020A	**76.8**	ug/L	0.50	0.15	5	09/27/21 12:42	09/21/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110138
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 19:05
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-1222	**Basis:**	NA
Lab Code:	K2110138-006		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**3.7**	ug/L	2.5	0.5	5	09/27/21 12:57	09/21/21	
Iron	6020A	**18**	ug/L	10	2	5	09/27/21 12:57	09/21/21	
Molybdenum	6020A	**72.5**	ug/L	0.50	0.15	5	09/27/21 12:57	09/21/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110138
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 19:05
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-1222	**Basis:**	NA
Lab Code:	K2110138-006		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**33.3**	ug/L	2.5	0.5	5	09/27/21 12:44	09/21/21	
Iron	6020A	**3020**	ug/L	10	2	5	09/27/21 12:44	09/21/21	
Molybdenum	6020A	**71.6**	ug/L	0.50	0.15	5	09/27/21 12:44	09/21/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110138
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 19:10
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-322	**Basis:**	NA
Lab Code:	K2110138-007		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**1.9** J	ug/L	2.5	0.5	5	09/27/21 12:59	09/21/21	
Iron	6020A	**49**	ug/L	10	2	5	09/27/21 12:59	09/21/21	
Molybdenum	6020A	**71.3**	ug/L	0.50	0.15	5	09/27/21 12:59	09/21/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110138
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 19:10
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-322	**Basis:**	NA
Lab Code:	K2110138-007		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**9.2**	ug/L	2.5	0.5	5	09/27/21 12:48	09/21/21	
Iron	6020A	**822**	ug/L	10	2	5	09/27/21 12:48	09/21/21	
Molybdenum	6020A	**68.9**	ug/L	0.50	0.15	5	09/27/21 12:48	09/21/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110138
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 19:15
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-1322	**Basis:**	NA
Lab Code:	K2110138-008		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**2.4**	**J**	ug/L	2.5	0.5	5	09/27/21 13:00	09/21/21	
Iron	6020A	**9**	**J**	ug/L	10	2	5	09/27/21 13:00	09/21/21	
Molybdenum	6020A	**74.6**		ug/L	0.50	0.15	5	09/27/21 13:00	09/21/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110138
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 19:30
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-003	**Basis:**	NA
Lab Code:	K2110138-009		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	2.5	0.5	5	09/27/21 13:04	09/21/21	
Iron	6020A	ND	U	ug/L	10	2	5	09/27/21 13:04	09/21/21	
Manganese	6020A	ND	U	ug/L	1.0	0.2	5	09/27/21 13:04	09/21/21	
Molybdenum	6020A	ND	U	ug/L	0.50	0.15	5	09/27/21 13:04	09/21/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110138
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 19:30
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-003	**Basis:**	NA
Lab Code:	K2110138-009		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	2.5	0.5	5	09/27/21 12:49	09/21/21	
Iron	6020A	ND	U	ug/L	10	2	5	09/27/21 12:49	09/21/21	
Molybdenum	6020A	ND	U	ug/L	0.50	0.15	5	09/27/21 12:49	09/21/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110138
Project:	Grumman Road Treatability	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2118399-01		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	0.50	0.09	1	09/27/21 12:27	09/21/21	
Iron	6020A	ND	U	ug/L	2.0	0.3	1	09/27/21 12:27	09/21/21	
Manganese	6020A	ND	U	ug/L	0.20	0.04	1	09/27/21 12:27	09/21/21	
Molybdenum	6020A	ND	U	ug/L	0.10	0.03	1	09/27/21 12:27	09/21/21	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110138
Project	Grumman Road Treatability	**Date Collected:**	08/27/21
Sample Matrix:	Water	**Date Received:**	08/30/21
		Date Analyzed:	09/27/21

Replicate Sample Summary
Total Metals

Sample Name:	GR-GWC-15-321	**Units:**	ug/L
Lab Code:	K2110138-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2118399-03 Result	Average	RPD	RPD Limit
Arsenic	6020A	2.5	0.5	55.9	58.1	57.0	4	20
Iron	6020A	10	2	781	803	792	3	20
Manganese	6020A	1.0	0.2	77.8	80.3	79.1	3	20
Molybdenum	6020A	0.50	0.15	91.3	93.5	92.4	2	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110138
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21
Sample Matrix:	Water	**Date Received:**	08/30/21
		Date Analyzed:	09/27/21
		Date Extracted:	09/21/21

Matrix Spike Summary
Total Metals

Sample Name:	GR-GWC-15-321	**Units:**	ug/L
Lab Code:	K2110138-001	**Basis:**	NA
Analysis Method:	6020A		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2118399-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	55.9	106	50.0	100	75-125
Iron	781	831	50	98 #	75-125
Manganese	77.8	102	25.0	98	75-125
Molybdenum	91.3	118	25.0	108	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Anchor QEA, LLC
Project: Grumman Road Treatability
Sample Matrix: Water

Service Request: K2110138
Date Analyzed: 09/27/21

Lab Control Sample Summary
Total Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2118399-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6020A	49.1	50.0	98	80-120
Iron	6020A	47.7	50.0	95	80-120
Manganese	6020A	24.0	25.0	96	80-120
Molybdenum	6020A	25.2	25.0	101	80-120

ALS Group USA, Corp.
dba ALS Environmental

Prep Summary Report

Client: Anchor QEA, LLC **Service Request:** K2110138
Project: Grumman Road Treatability
Sample Matrix: Water

Metals

Prep Method: EPA CLP ILM04.0 **Extraction Lot:** 387797
Analytical Method: 6020A **Extraction Date:** 09/21/21 13:43

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Amount	Percent Solids
GR-GWC-15-321	K2110138-001	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-1321	K2110138-002	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-122	K2110138-003	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-1122	K2110138-004	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-222	K2110138-005	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-1222	K2110138-006	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-322	K2110138-007	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-1322	K2110138-008	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-003	K2110138-009	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-321	K2110138-001	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-122	K2110138-003	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-222	K2110138-005	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-1222	K2110138-006	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-322	K2110138-007	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-003	K2110138-009	8/27/21	8/30/21	10 mL	10 mL	
Method Blank	KQ2118399-01MB	NA	NA	10 mL	10 mL	
Lab Control Sample	KQ2118399-02LCS	NA	NA	10 mL	10.3 mL	
Duplicate	KQ2118399-03DUP	8/27/21	8/30/21	10 mL	10 mL	
Matrix Spike	KQ2118399-04MS	8/27/21	8/30/21	10 mL	10.3 mL	

Client: Anchor QEA, LLC **Service Request:** K2110138
Project: Grumman Road Treatability

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits
ICV 09/27/21 11:32						
Arsenic	6020A	740188	24.6	25.0	98	90-110
Iron	6020A	740188	49.8	50.0	100	90-110
Molybdenum	6020A	740188	24.2	25.0	97	90-110
Manganese	6020A	740188	24.5	25.0	98	90-110
CCV 09/27/21 11:33						
Arsenic	6020A	740188	26.0	25.0	104	90-110
Iron	6020A	740188	253	250	101	90-110
Molybdenum	6020A	740188	12.4	12.5	99	90-110
Manganese	6020A	740188	25.1	25.0	100	90-110
CCV 09/27/21 11:56						
Arsenic	6020A	740188	25.9	25.0	103	90-110
Iron	6020A	740188	249	250	99	90-110
Molybdenum	6020A	740188	12.4	12.5	99	90-110
Manganese	6020A	740188	25.5	25.0	102	90-110
CCV 09/27/21 12:13						
Arsenic	6020A	740188	26.2	25.0	105	90-110
Iron	6020A	740188	251	250	100	90-110
Molybdenum	6020A	740188	12.4	12.5	99	90-110
Manganese	6020A	740188	25.9	25.0	104	90-110
CCV 09/27/21 12:23						
Arsenic	6020A	740188	25.6	25.0	103	90-110
Iron	6020A	740188	249	250	100	90-110
Molybdenum	6020A	740188	12.3	12.5	98	90-110
Manganese	6020A	740188	25.3	25.0	101	90-110
CCV 09/27/21 12:45						
Arsenic	6020A	740188	25.3	25.0	101	90-110
Iron	6020A	740188	249	250	100	90-110
Molybdenum	6020A	740188	12.4	12.5	99	90-110
Manganese	6020A	740188	25.1	25.0	100	90-110
CCV 09/27/21 13:02						
Arsenic	6020A	740188	26.5	25.0	106	90-110
Iron	6020A	740188	256	250	102	90-110
Molybdenum	6020A	740188	12.7	12.5	102	90-110
Manganese	6020A	740188	26.1	25.0	104	90-110
CCV 09/27/21 13:06						
Arsenic	6020A	740188	26.3	25.0	105	90-110

Client: Anchor QEA, LLC **Service Request:** K2110138
Project: Grumman Road Treatability

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits
CCV 09/27/21 13:06						
Iron	6020A	740188	258	250	103	90-110
Molybdenum	6020A	740188	12.7	12.5	102	90-110
Manganese	6020A	740188	25.5	25.0	102	90-110

Client: Anchor QEA, LLC **Service Request:** K2110138
Project: Grumman Road Treatability

INITIAL AND CONTINUING CALIBRATION BLANKS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	C
ICB 09/27/21 11:34				
Arsenic	6020A	740188	0.09	U
Iron	6020A	740188	0.3	U
Molybdenum	6020A	740188	0.03	U
Manganese	6020A	740188	0.04	U
CCB 09/27/21 11:36				
Arsenic	6020A	740188	0.09	U
Iron	6020A	740188	0.3	U
Molybdenum	6020A	740188	0.03	U
Manganese	6020A	740188	0.04	U
CCB 09/27/21 11:58				
Arsenic	6020A	740188	0.09	U
Iron	6020A	740188	0.3	U
Molybdenum	6020A	740188	0.03	U
Manganese	6020A	740188	0.05	J
CCB 09/27/21 12:14				
Arsenic	6020A	740188	0.09	U
Iron	6020A	740188	0.3	U
Molybdenum	6020A	740188	0.03	U
Manganese	6020A	740188	0.12	J
CCB 09/27/21 12:24				
Arsenic	6020A	740188	0.09	U
Iron	6020A	740188	0.3	U
Molybdenum	6020A	740188	0.03	U
Manganese	6020A	740188	0.04	U
CCB 09/27/21 12:46				
Arsenic	6020A	740188	0.09	U
Iron	6020A	740188	0.3	U
Molybdenum	6020A	740188	0.03	U
Manganese	6020A	740188	0.04	U
CCB 09/27/21 13:03				
Arsenic	6020A	740188	0.09	U
Iron	6020A	740188	0.3	U
Molybdenum	6020A	740188	0.03	U
Manganese	6020A	740188	0.04	U
CCB 09/27/21 13:07				
Arsenic	6020A	740188	0.09	U

Client: Anchor QEA, LLC **Service Request:** K2110138
Project: Grumman Road Treatability

INITIAL AND CONTINUING CALIBRATION BLANKS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	C
CCB 09/27/21 13:07				
Iron	6020A	740188	0.3	U
Molybdenum	6020A	740188	0.03	U
Manganese	6020A	740188	0.04	U

Client: Anchor QEA, LLC **Service Request:** K2110138
Project: Grumman Road Treatability

LOW LEVEL INITIAL AND LOW LEVEL CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
LLICV							
Arsenic	6020A	740188	0.50	0.5	100	70-130	09/27/21 11:37
Iron	6020A	740188	2.2	2.0	112	70-130	09/27/21 11:37
Molybdenum	6020A	740188	0.098	0.1	98	70-130	09/27/21 11:37
Manganese	6020A	740188	0.21	0.2	106	70-130	09/27/21 11:37
LLCCV							
Arsenic	6020A	740188	0.52	0.5	103	70-130	09/27/21 12:25
Iron	6020A	740188	2.3	2.0	113	70-130	09/27/21 12:25
Molybdenum	6020A	740188	0.12	0.1	115	70-130	09/27/21 12:25
Manganese	6020A	740188	0.23	0.2	115	70-130	09/27/21 12:25
LLCCV							
Arsenic	6020A	740188	0.51	0.5	103	70-130	09/27/21 13:09
Iron	6020A	740188	2.2	2.0	109	70-130	09/27/21 13:09
Molybdenum	6020A	740188	0.11	0.1	107	70-130	09/27/21 13:09
Manganese	6020A	740188	0.20	0.2	99	70-130	09/27/21 13:09

Client: Anchor QEA, LLC **Service Request:** K2110138
Project: Grumman Road Treatability

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSA **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Arsenic	6020A	740188	0.17	-	-	-	09/27/21 11:39
Iron	6020A	740188	46200	-	-	-	09/27/21 11:39
Molybdenum	6020A	740188	49.2	-	-	-	09/27/21 11:39
Manganese	6020A	740188	0.83	-	-	-	09/27/21 11:39

Client: Anchor QEA, LLC **Service Request:** K2110138
Project: Grumman Road Treatability

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSAB **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Arsenic	6020A	740188	24.2	25.0	97	80-120	09/27/21 11:40
Iron	6020A	740188	47000	-	-	-	09/27/21 11:40
Molybdenum	6020A	740188	50.6	-	-	-	09/27/21 11:40
Manganese	6020A	740188	50.3	50.0	101	80-120	09/27/21 11:40

Client: Anchor QEA, LLC **Service Request:** K2110138
Project: Grumman Road Treatability

POST SPIKE SAMPLE RECOVERY

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Post Spike Result	True Value	% Rec	% Rec. Limits	Analysis Date
K2110138-001A								
Manganese	6020A	740188	15.6	64.7	50.0	98	80-120	09/27/21 12:38
Arsenic	6020A	740188	11.2	60.2	50.0	98	80-120	09/27/21 12:38
Iron	6020A	740188	156	208	50	104	80-120	09/27/21 12:38
Molybdenum	6020A	740188	18.3	66.8	50.0	97	80-120	09/27/21 12:38

Results flagged with a pound (#) indicate the control criteria is not applicable.

Client: Anchor QEA, LLC **Service Request:** K2110138
Project: Grumman Road Treatability

ICP SERIAL DILUTIONS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Serial Dillution Result	% Diff	% Diff. Limit	Analysis Date
K2110138-001SDL							
Manganese	6020A	740188	77.8	79.2	2	10	09/27/21 12:37
Arsenic	6020A	740188	56	58	4	10	09/27/21 12:37
Iron	6020A	740188	781	819	5	10	09/27/21 12:37
Molybdenum	6020A	740188	91.3	91.2	0	10	09/27/21 12:37

Client: Anchor QEA, LLC **Service Request:** K2110138
Project: Grumman Road Treatability/

Detection Limits

Instrument: K-ICP-MS-06 **Matrix:** Water

Analyte	Mass	Units	MRL	MDL	Method
Arsenic	75	ug/L	0.5	0.09	6020A
Iron	56	ug/L	2	0.3	6020A
Manganese	55	ug/L	0.2	0.04	6020A
Molybdenum	95	ug/L	0.1	0.03	6020A

Client: Anchor QEA, LLC **Service Request:** K2110138
Project: Grumman Road Treatability/

ICP Linear Range (Quarterly)

Instrument: K-ICP-MS-06

Analyte	Concentration (ug/L)	Method
Arsenic 75	4500	6020A
Iron 56	45000	6020A
Manganese 55	9000	6020A
Molybdenum 95	4500	6020A

Client: Anchor QEA, LLC **Service Request:** K2110138
Project: Grumman Road Treatability/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **740188**

Sample	Dilution Factor	Date/Time	As	Fe	Mn	Mo
ZZZZZZ	1	09/27/21 11:29				
ZZZZZZ	1	09/27/21 11:30				
ICV	1	09/27/21 11:32	X	X	X	X
CCV	1	09/27/21 11:33	X	X	X	X
ICB	1	09/27/21 11:34	X	X	X	X
CCB	1	09/27/21 11:36	X	X	X	X
LLICVW	1	09/27/21 11:37	X	X	X	X
ICSA	1	09/27/21 11:39	X	X	X	X
ICSAB	1	09/27/21 11:40	X	X	X	X
ZZZZZZ	1	09/27/21 11:41				
ZZZZZZ	1	09/27/21 11:43				
ZZZZZZ	1	09/27/21 11:44				
ZZZZZZ	5	09/27/21 11:45				
ZZZZZZ	5	09/27/21 11:47				
ZZZZZZ	25	09/27/21 11:48				
ZZZZZZ	5	09/27/21 11:50				
ZZZZZZ	5	09/27/21 11:51				
ZZZZZZ	5	09/27/21 11:52				
ZZZZZZ	5	09/27/21 11:54				
ZZZZZZ	5	09/27/21 11:55				
CCV	1	09/27/21 11:56	X	X	X	X
CCB	1	09/27/21 11:58	X	X	X	X
ZZZZZZ	1	09/27/21 11:59				
ZZZZZZ	5	09/27/21 12:01				
ZZZZZZ	5	09/27/21 12:02				
ZZZZZZ	5	09/27/21 12:03				
ZZZZZZ	5	09/27/21 12:05				
ZZZZZZ	5	09/27/21 12:06				
ZZZZZZ	5	09/27/21 12:08				
ZZZZZZ	5	09/27/21 12:09				
ZZZZZZ	5	09/27/21 12:10				
ZZZZZZ	5	09/27/21 12:12				
CCV	1	09/27/21 12:13	X	X	X	X
CCB	1	09/27/21 12:14	X	X	X	X
ZZZZZZ	5	09/27/21 12:16				
ZZZZZZ	5	09/27/21 12:17				
ZZZZZZ	5	09/27/21 12:19				

Client: Anchor QEA, LLC **Service Request:** K2110138
Project: Grumman Road Treatability/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **740188**

Sample	Dilution Factor	Date/Time	As	Fe	Mn	Mo
ZZZZZZ	5	09/27/21 12:20				
ZZZZZZ	5	09/27/21 12:21				
CCV	1	09/27/21 12:23	X	X	X	X
CCB	1	09/27/21 12:24	X	X	X	X
LLCCVW	1	09/27/21 12:25	X	X	X	X
KQ2118399-01MB	1	09/27/21 12:27	X	X	X	X
KQ2118399-02LCS	1	09/27/21 12:28	X	X	X	X
K2110138-001	5	09/27/21 12:34	X	X		X
K2110138-001DUP	5	09/27/21 12:35	X	X	X	X
K2110138-001SDL	25	09/27/21 12:37	X	X	X	X
K2110138-001PS	5	09/27/21 12:38	X	X	X	X
K2110138-001MS	5	09/27/21 12:40	X	X	X	X
K2110138-003	5	09/27/21 12:41	X	X		X
K2110138-005	5	09/27/21 12:42	X	X		X
K2110138-006	5	09/27/21 12:44	X	X		X
CCV	1	09/27/21 12:45	X	X	X	X
CCB	1	09/27/21 12:46	X	X	X	X
K2110138-007	5	09/27/21 12:48	X	X		X
K2110138-009	5	09/27/21 12:49	X	X		X
K2110138-001	5	09/27/21 12:51	X	X		X
K2110138-002	5	09/27/21 12:52	X	X		X
K2110138-003	5	09/27/21 12:53	X	X		X
K2110138-004	5	09/27/21 12:55	X	X		X
K2110138-005	5	09/27/21 12:56	X	X		X
K2110138-006	5	09/27/21 12:57	X	X		X
K2110138-007	5	09/27/21 12:59	X	X		X
K2110138-008	5	09/27/21 13:00	X	X		X
CCV	1	09/27/21 13:02	X	X	X	X
CCB	1	09/27/21 13:03	X	X	X	X
K2110138-009	5	09/27/21 13:04	X	X	X	X
CCV	1	09/27/21 13:06	X	X	X	X
CCB	1	09/27/21 13:07	X	X	X	X
LLCCVW	1	09/27/21 13:09	X	X	X	X
ZZZZZZ	1	09/27/21 13:10				
ZZZZZZ	1	09/27/21 13:11				
ZZZZZZ	5	09/27/21 13:13				
ZZZZZZ	5	09/27/21 13:14				

Client: Anchor QEA, LLC **Service Request:** K2110138
Project: Grumman Road Treatability/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **740188**

Sample	Date/Time	Ge72He	In115He
ZZZZZZ	09/27/21 11:29		
ZZZZZZ	09/27/21 11:30		
ICV	09/27/21 11:32	97	97
CCV	09/27/21 11:33	98	98
ICB	09/27/21 11:34	99	99
CCB	09/27/21 11:36	100	97
LLICVW	09/27/21 11:37	100	99
ICSA	09/27/21 11:39	94	91
ICSAB	09/27/21 11:40	93	90
ZZZZZZ	09/27/21 11:41		
ZZZZZZ	09/27/21 11:43		
ZZZZZZ	09/27/21 11:44		
ZZZZZZ	09/27/21 11:45		
ZZZZZZ	09/27/21 11:47		
ZZZZZZ	09/27/21 11:48		
ZZZZZZ	09/27/21 11:50		
ZZZZZZ	09/27/21 11:51		
ZZZZZZ	09/27/21 11:52		
ZZZZZZ	09/27/21 11:54		
ZZZZZZ	09/27/21 11:55		
CCV	09/27/21 11:56	99	97
CCB	09/27/21 11:58	99	99
ZZZZZZ	09/27/21 11:59		
ZZZZZZ	09/27/21 12:01		
ZZZZZZ	09/27/21 12:02		
ZZZZZZ	09/27/21 12:03		
ZZZZZZ	09/27/21 12:05		
ZZZZZZ	09/27/21 12:06		
ZZZZZZ	09/27/21 12:08		
ZZZZZZ	09/27/21 12:09		
ZZZZZZ	09/27/21 12:10		
ZZZZZZ	09/27/21 12:12		
CCV	09/27/21 12:13	99	98
CCB	09/27/21 12:14	101	100
ZZZZZZ	09/27/21 12:16		
ZZZZZZ	09/27/21 12:17		
ZZZZZZ	09/27/21 12:19		

Client: Anchor QEA, LLC **Service Request:** K2110138
Project: Grumman Road Treatability/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **740188**

Sample	Date/Time	Ge72He	In115He
ZZZZZZ	09/27/21 12:20		
ZZZZZZ	09/27/21 12:21		
CCV	09/27/21 12:23	102	101
CCB	09/27/21 12:24	103	101
LLCCVW	09/27/21 12:25	101	100
KQ2118399-01MB	09/27/21 12:27	102	101
KQ2118399-02LCS	09/27/21 12:28	101	101
K2110138-001	09/27/21 12:34	99	96
K2110138-001DUP	09/27/21 12:35	101	98
K2110138-001SDL	09/27/21 12:37	104	103
K2110138-001PS	09/27/21 12:38	100	99
K2110138-001MS	09/27/21 12:40	104	102
K2110138-003	09/27/21 12:41	109	108
K2110138-005	09/27/21 12:42	107	105
K2110138-006	09/27/21 12:44	107	105
CCV	09/27/21 12:45	110	107
CCB	09/27/21 12:46	109	106
K2110138-007	09/27/21 12:48	104	102
K2110138-009	09/27/21 12:49	112	111
K2110138-001	09/27/21 12:51	105	102
K2110138-002	09/27/21 12:52	106	103
K2110138-003	09/27/21 12:53	114	111
K2110138-004	09/27/21 12:55	112	111
K2110138-005	09/27/21 12:56	112	107
K2110138-006	09/27/21 12:57	112	110
K2110138-007	09/27/21 12:59	111	107
K2110138-008	09/27/21 13:00	108	104
CCV	09/27/21 13:02	114	113
CCB	09/27/21 13:03	115	110
K2110138-009	09/27/21 13:04	106	105
CCV	09/27/21 13:06	103	101
CCB	09/27/21 13:07	103	102
LLCCVW	09/27/21 13:09	104	101
ZZZZZZ	09/27/21 13:10		
ZZZZZZ	09/27/21 13:11		
ZZZZZZ	09/27/21 13:13		
ZZZZZZ	09/27/21 13:14		

Raw Data

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
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General Chemistry

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Page [illegible]

	Yes	No	N/A
1. Holding times met for all samples analyzed?			
2. Are calibrations within acceptance limits?			
3. Were blanks analyzed properly?			
a. Does DCB Solution contain DCB ppm? [illegible]			
4. Are calibration curves properly [illegible]?			
5. Are quality control criteria met?			
a. Method Blank: DCVs, DCBs, DCBs, Dup and Spike analyses within control limits?			
b. Are DCVs and DCBs within acceptance limits?			
c. Are results for Method Blank < MDL?			
d. Are LCS samples within acceptance criteria? (LCS% rec, MS% rec, Dup Conc RPDs, etc.)			
e. Are surrogate recoveries acceptable? [illegible]			
6. Are samples properly extracted? [illegible]			

CAS Standard Identification Codes and Analytical Techniques for Chromatography

G1: Sample was not analyzed within the period of recommended holding time. See Non-conformance Sheet.
G2: Sample was not analyzed within holding time. Data analysis was performed within recommended holding time.
G3: Sample was not analyzed within the period of recommended holding time.
H1: High RPD. Indicates the DCB data set for the sample and the Dup Check the Method holding time.
I: MRL was raised because of matrix interferences and the sample required diluting.
J: See Non-Conformance Sheet for Analytical Notes.

[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	True Value [illegible] ppm	[illegible]	
[illegible]	True Value [illegible] ppm	[illegible]	
[illegible]	True Value [illegible] ppm	[illegible]	
[illegible]	True Value [illegible] ppm	[illegible]	
[illegible]	True Value [illegible] ppm	[illegible]	
[illegible]	True Value [illegible] ppm	[illegible]	

DCV	[illegible]	[illegible]	[illegible]
[illegible]	True Value [illegible] ppm	[illegible]	
[illegible]	True Value [illegible] ppm	[illegible]	
[illegible]	True Value [illegible] ppm	[illegible]	
[illegible]	True Value [illegible] ppm	[illegible]	
[illegible]	True Value [illegible] ppm	[illegible]	
[illegible]	True Value [illegible] ppm	[illegible]	

Spike			
[illegible] ppm	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		
[illegible]	[illegible]		

Processed	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Analyst [illegible] Date [illegible]

Peer Review [illegible] Date [illegible]

Final Review [illegible] Date [illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Protocol: [illegible]

Lab Code	Target Analyte	DL	Parent Sample	Matrix	Raw Result	Sample Size	Final Result	DF	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Flag
[illegible]	[illegible]	N/A		Water	[illegible]	Neat	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analytical Lot: [illegible] Method Reference: [illegible]

Lab Code	Parent Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	DF	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Tag
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	N/A		Ground Water	[illegible]	Std	[illegible]	2	[illegible]	[illegible]			[illegible]	N	N

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Technique: [illegible]

Lab Code	Target Analyte	SPL	Parent Sample	Matrix	Raw Result	Sample Size	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Tag
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]

* [illegible]

Date: [illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Testcode: [illegible]

Lab Code	Target Analyte	Qc	Parent Sample	Status	Raw Result	Sample Amt	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	SQC	Line
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analysis: [illegible] Analysis Date: [illegible] Method/Testcode: [illegible]

Lab Sample	Target Analyte	SR	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Dir
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
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[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
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[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
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[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
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Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Transcode: [illegible]

Lab Code	Target Analyte	QK	Parent Sample	Status	Raw Result	Sample Amt	Final Result	DF	MDL	PQL	Suffix	Flags	Date Analyzed	QA?	Ver
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Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analytical Lot: [illegible] Method/Protocol: [illegible]

Lab Code	Target Analyte	QL	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	DF	MDL	PQL	% Rec	% RSD	Date Analyzed	UCL	Flag
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Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Technique: [illegible]

Lab Code	Target Analyte	CAS	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	DF	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Type
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	II
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	II
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	II
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[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	I
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35	[illegible]	[illegible]	[illegible]
36	[illegible]	[illegible]	[illegible]
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Copyright © Digital Equipment Corporation, Version [illegible]

File
Description [illegible]
Location [illegible]
Timebase [illegible]
Sampling [illegible]

Created [illegible]
Modified [illegible]

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No.	Name	Size	Modify	Comment
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49	[illegible]	[illegible]		
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51	[illegible]	[illegible]		
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Selection: [illegible]
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Timebase: [illegible]
Waveforms: 67

Created: [illegible]

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65	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Title
Description [illegible]
Location [illegible]
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Comments [illegible]
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Modified [illegible]

No.	Name	U	Value	Comment
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[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	

[illegible]

Sequence

Service Request | Cleanup/Notes/Other | Anion | 1st DI | 2nd DI | Recovery | Done

F
Cl
NO2
Br
NO3
SO4

F
Cl
NO2
Br
NO3
SO4

F
Cl
NO2
Br
NO3
SO4

F
Cl
NO2
Br
NO3
SO4

F
Cl
NO2
Br
NO3
SO4

F
Cl
NO2
Br
NO3
SO4

F
Cl
NO2
Br
NO3
SO4

F
Cl
NO2
Br
NO3
SO4

F
Cl
NO2
Br
NO3
SO4

F
Cl
NO2
Br
NO3
SO4

F
Cl
NO2
Br
NO3
SO4

Patient Name	Chart/Notes/Other	Arrival	1st Call	2nd Call	Recovery	Done

Patient Requested	Chemotherapy Tier	Arsenic	1st Dx	Stated Dx	Recovery	Cancer
[illegible]		F Cl NO2 Br NO3 SO4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		F Cl NO2 Br NO3 SO4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		F Cl NO2 Br NO3 SO4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		F Cl NO2 Br NO3 SO4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	F Cl NO2 Br NO3 SO4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		F Cl NO2 Br NO3 SO4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		F Cl NO2 Br NO3 SO4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		F Cl NO2 Br NO3 SO4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		F Cl NO2 Br NO3 SO4	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		F Cl NO2 Br NO3 SO4	[illegible]	[illegible]	[illegible]	[illegible]

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Sequence

Matrix Component	Chem Weight Per	Anion	1st Del	2nd Del	Recovery	Done
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				

Source

Service Request	Client/Notes/Text	Anion	1st DW	2nd DW	Recovery	Qual
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				

ALS ENVIRONMENTAL, INC.

Ion Chromatography Calibration Data

Sequence: [illegible]

Date: [illegible]

Analyte	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Corr. Coeff.	Slope	Residuals
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.0856	0.2248	
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9025	0.1826	
NO_2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9617	0.3572	
Br	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9944	0.0738	
NO_3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9176	0.4419	
SO_4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9725	0.1285	
[illegible]									99.9557	0.1761	

[illegible]

No.	Peak Name	Cal Type	#Points	Rel Std.Dev. %	Corr Coeff %	Offset	Slope	Curve
1	Fluoride	Lin	7	1.4049	99.0856	0	0.2248	0
2	Chloride	Lin	7	3.7258	99.9025	0	0.1826	0
3	Nitrite	Lin	7	2.3141	99.9617	0	0.3572	0
4	Bromide	Lin	7	0.8755	99.9944	0	0.0738	0
5	Nitrate	Lin	7	3.4144	99.9176	0	0.4419	0
6	Sulfate	Lin	7	1.957	99.9725	0	0.1285	0
Average			5.25	2.2819	99.9557	0	0.1761	0

0.25mL		[illegible]	0.5mL	[illegible]	10.0mL Page
	50000	[illegible]	[illegible]	[illegible]	

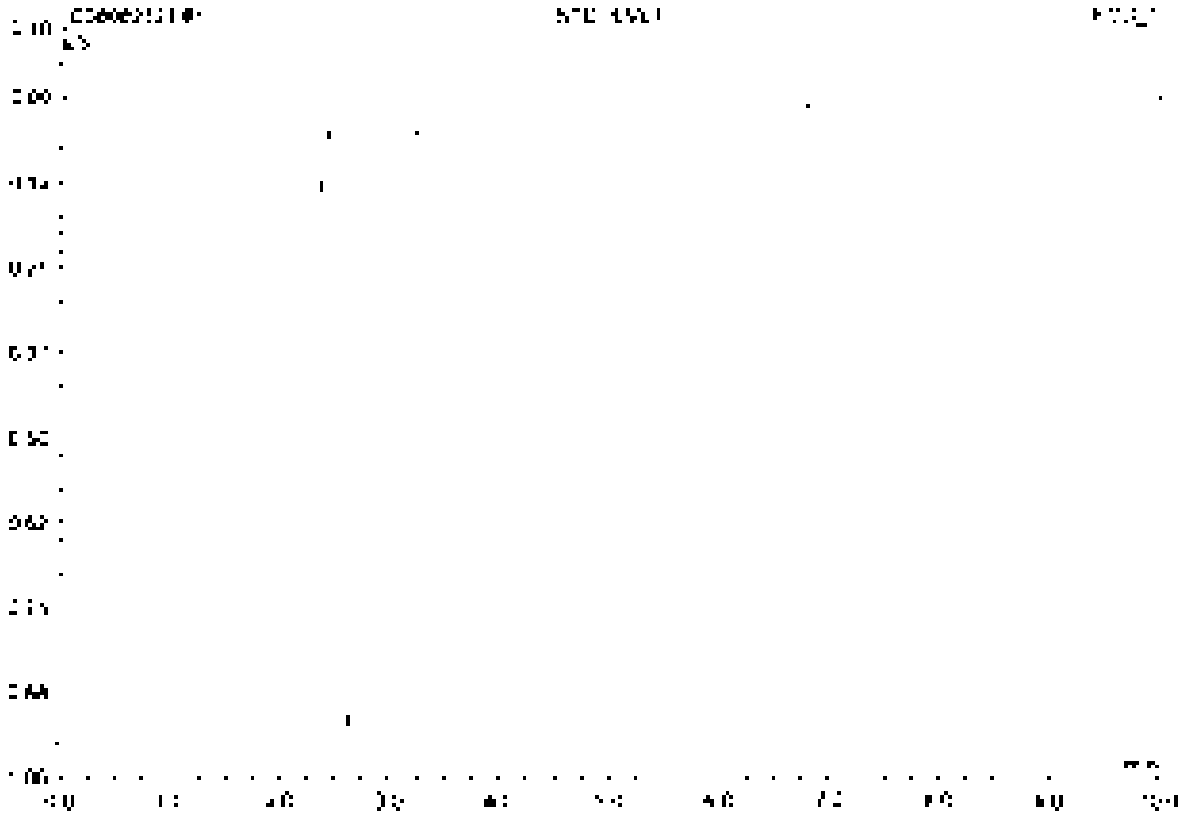
[illegible] 50mL)

	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	STD2	STD3	STD4	STD5	STD6	STD7	STD8	STD9
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO_2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO_3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SO_4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

1 STD1/LVL1

DI

Sample Name	STD1/LVL1	Injection Volume	25.0
Vial Number	1	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Operator Method	epa300	Dilution Factor	1.0000
Processing Time	8/25/2021 14:03	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

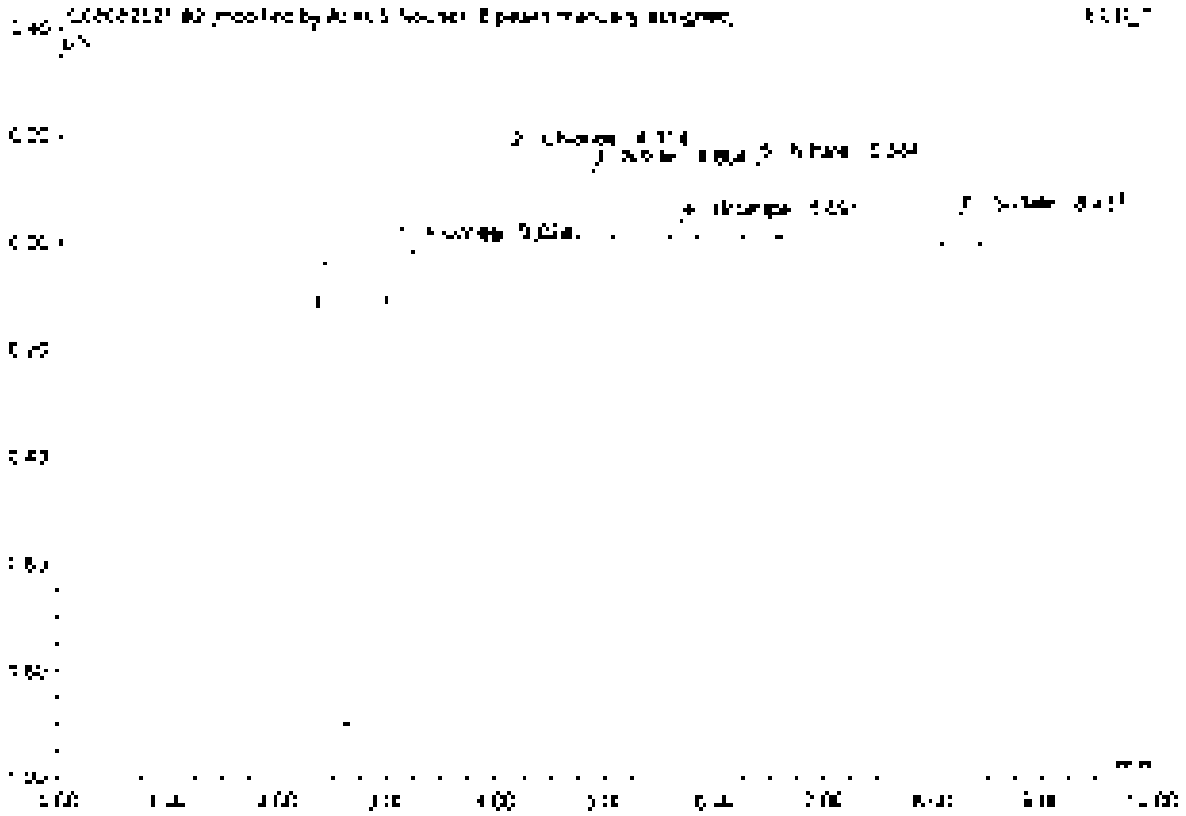


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total			0.000	0.000	0.00	0.000	

2 STD2/LVL2

21-BEN-02-53D

Sample Name	STD2/LVL2	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	8/25/2021 14:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

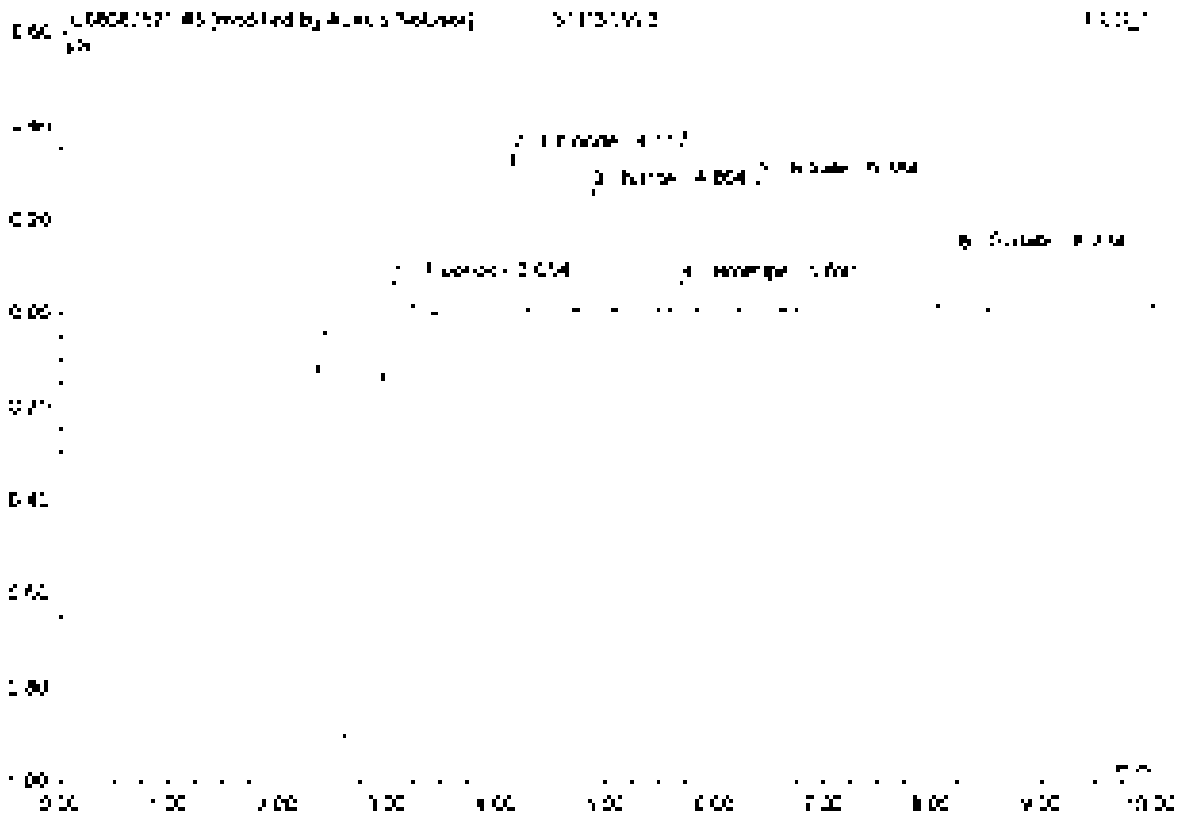


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.97	Fluoride	0.071	0.012	14.81	0.052	BMB*
2	4.11	Chloride	0.130	0.017	20.62	0.061	BMB*
3	4.86	Nitrite	0.130	0.017	20.72	0.047	BMB*
4	5.59	Bromide	0.031	0.004	5.10	0.065	BMB*
5	6.38	Nitrate	0.139	0.020	24.81	0.045	BMB*
6	8.34	Sulfate	0.059	0.011	13.87	0.087	BMB*
Total:			0.500	0.080	100.00	0.378	

3 STD3/LVL3

21-GEN-02-53E

Sample Name:	STD3/LVL3	Injection Volume:	25.0
Vial Number:	3	Channel:	ECD 1
Sample Type:	standard	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quant Method:	epa300	Dilution Factor:	1.0000
Recording Time:	9/26/2021 14:27	Sample Weight:	1.0000
Run Time (min):	10.00	Sample Amount:	1.0000

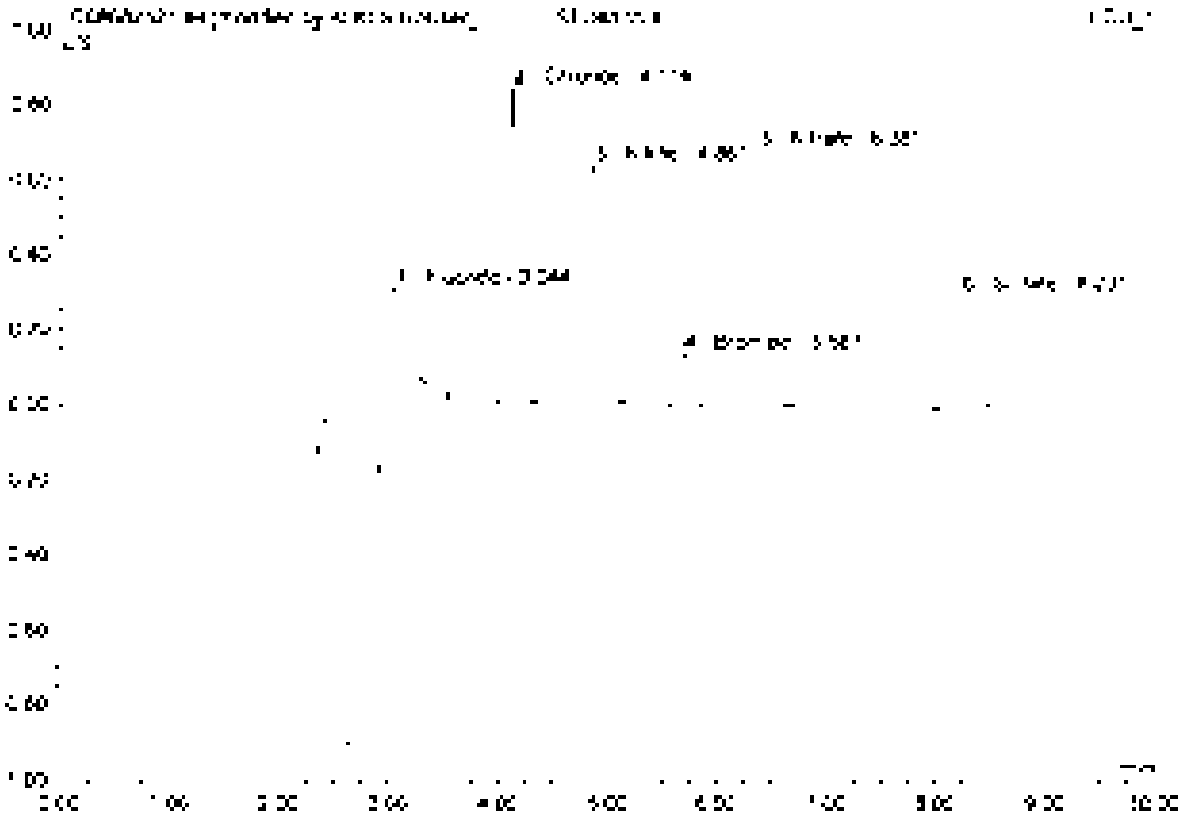


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.05	Fluoride	0.160	0.041	23.05	0.183	BV[illegible]
2	4.12	Chloride	0.340	0.033	18.21	0.175	BV[illegible]
3	4.85	Nitrite	0.252	0.033	18.43	0.097	BMB
4	5.59	Bromide	0.001	0.008	4.40	0.107	BV[illegible]
5	6.38	Nitrate	0.279	0.040	22.64	0.092	BV[illegible]
6	8.22	Sulfate	0.1[illegible]	0.024	13.28	0.155	BV[illegible]
Total:			1.234	0.176	100.00	0.837	

4 STD4/LVL4

21-GEN-02-53F

Sample Name	STD4/LVL4	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	5/25/2021 14:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

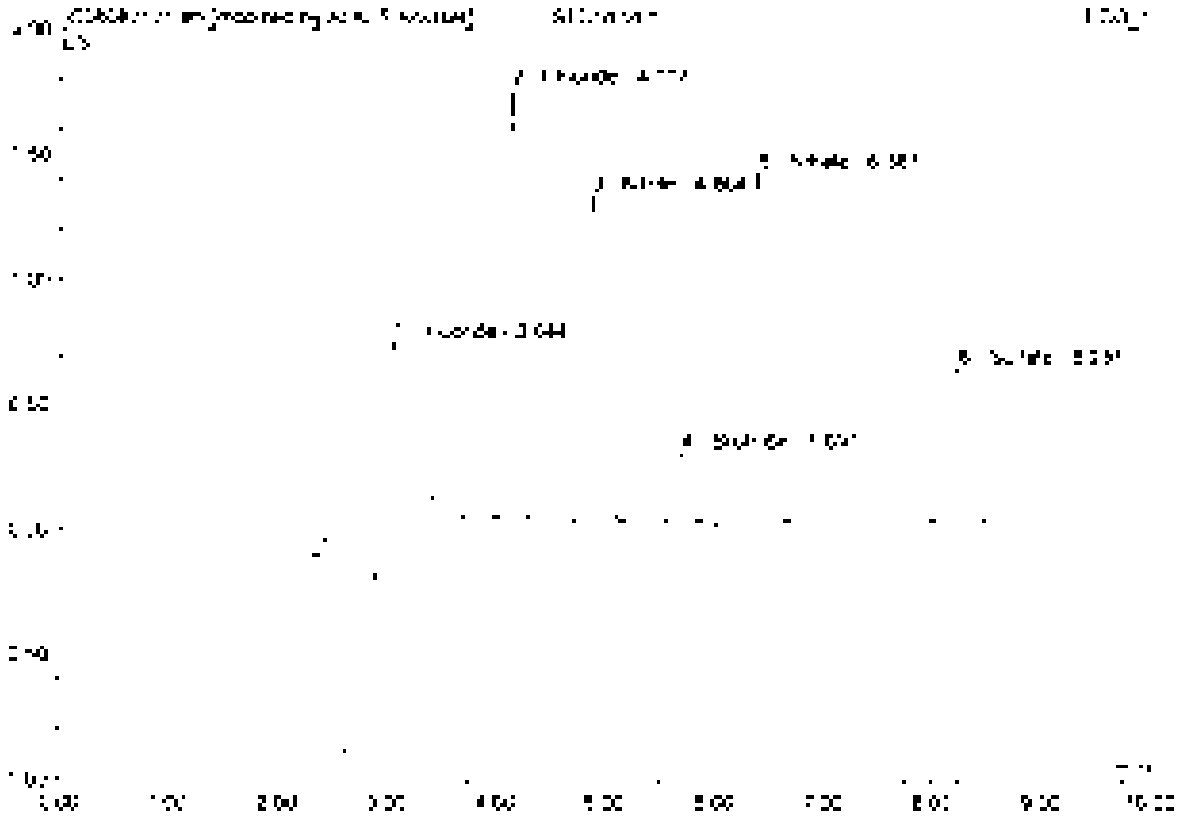


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	0.446	0.107	23.86	0.675	BMB*
2	4.11	Chloride	0.841	0.080	17.99	0.641	BMB*
3	4.86	Nitrite	0.635	0.082	18.25	0.229	BMB
4	5.69	Bromide	0.144	0.079	8.22	0.255	BMB
5	6.38	Nitrate	0.690	0.100	22.47	0.227	BMB
6	8.23	Sulfate	0.304	0.059	13.21	0.460	BMB
Total:			3.064	0.447	100.00	2.086	

5 STD5/LVL5

21-GEN-02-53G

Sample Name	STD5/LVL5	Injection Volume	35.0
Vial Number	5	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	8/25/2021 14:30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

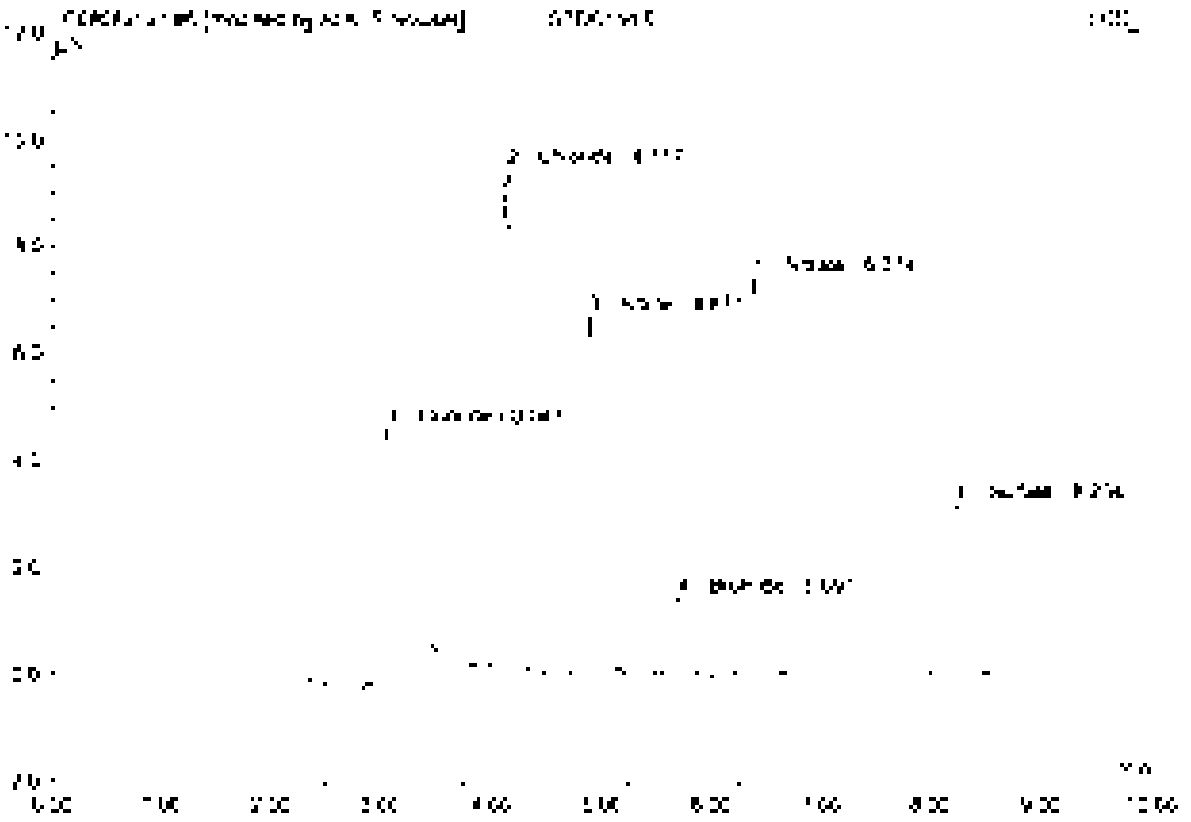


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	0.901	0.735	25.35	1.048	BMBP
2	4.12	Chloride	1.724	0.154	17.05	0.838	BMBP
3	4.86	Nitrite	1.303	0.157	18.02	0.469	BMB
4	5.65	Bromide	0.280	0.037	3.97	0.500	BMB
5	5.38	Nitrate	1.401	0.203	21.84	0.459	BMB
6	8.21	Sulfate	0.618	0.172	13.17	0.942	BMB
Total:			6.230	0.829	100.00	4.326	

6 STD6/LVL6

21-GEN-02-53H

Sample Name	STD6/LVL6	Injection Volume	75.0
Vial Number	6	Channel	ECD: 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	[illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

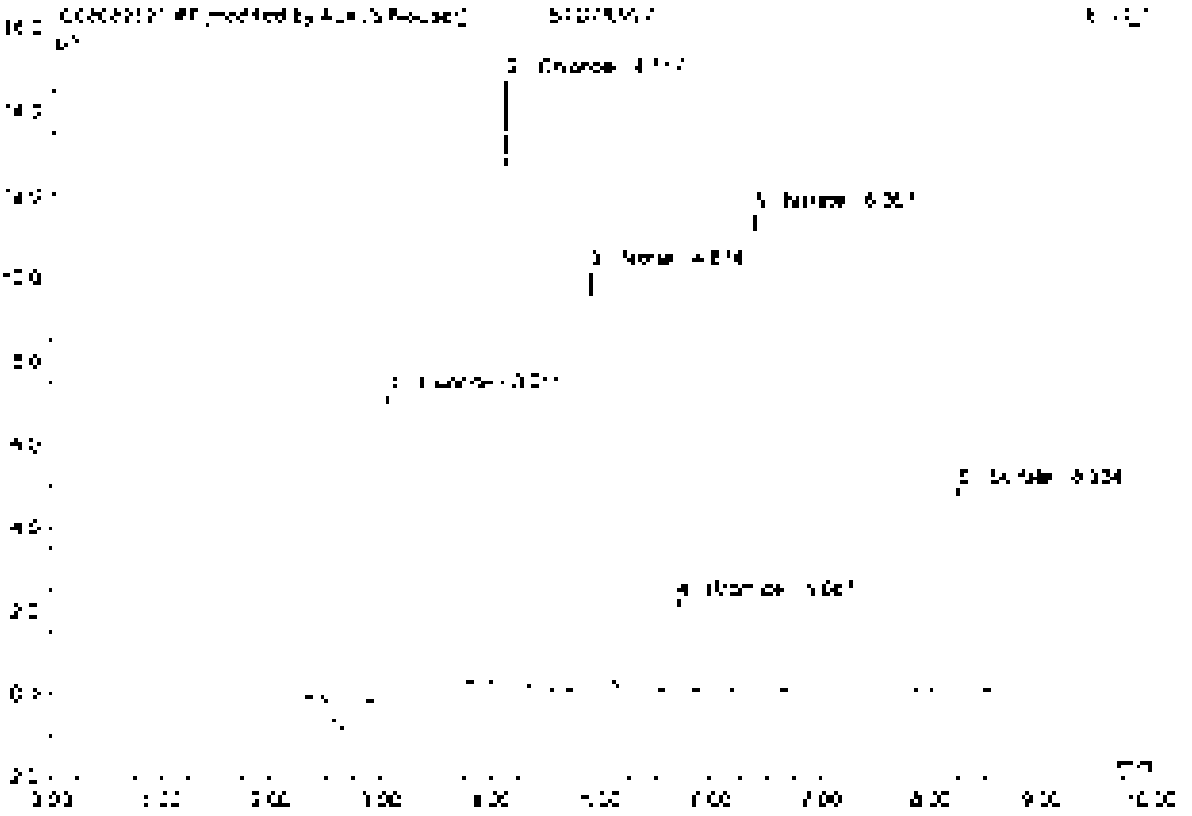


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.65	Fluoride	4.791	1.125	23.72	5.007	BMB*
2	4.12	Chloride	5.349	0.874	18.43	4.789	BMB*
3	4.87	Nitrite	6.659	0.871	18.36	2.438	BMB
4	5.69	Bromide	[illegible]	0.183	3.86	2.479	BMB
5	6.37	Nitrate	7.417	1.061	22.38	2.482	BMB
6	8.23	Sulfate	3.238	0.625	13.25	4.891	BMB
Total:			32.856	4.744	100.00	22.086	

7 STD7/LVL7

21-GEN-02-531

Sample Name	STD7/LVL7	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	8/25/2021 15:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

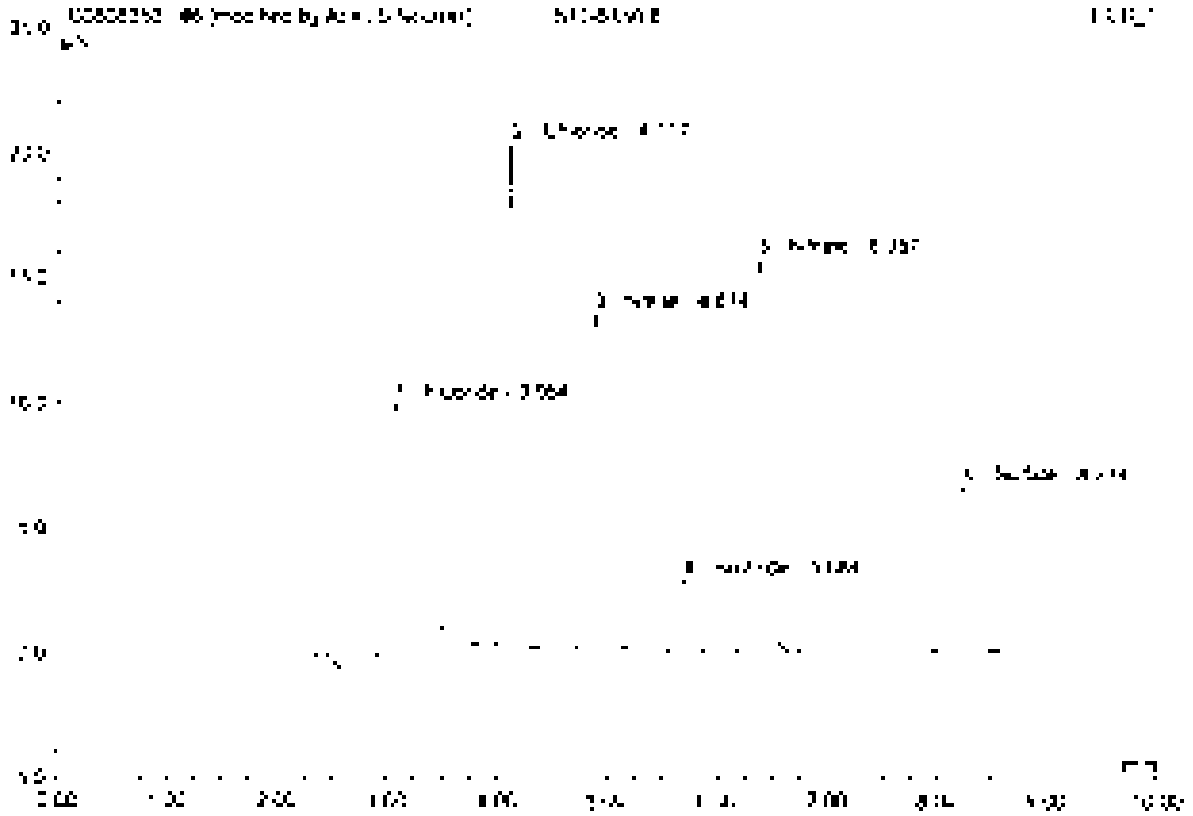


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.35	Fluoride	7.335	1.669	23.10	7.423	BV BP
2	4.13	Chloride	14.551	1.354	18.75	7.419	BV BP
3	4.57	Nitrite	16.275	1.379	19.40	3.721	BV B
4	5.69	Bromide	7.172	0.275	3.81	3.735	BV B
5	6.34	Nitrate	11.509	1.639	22.69	3.715	BV B
6	8.20	Sulfate	4.908	0.958	13.25	7.455	BV B
Total:			60.581	7.224	100.00	33.459	

8 STD8/LVL8

21-GEN-02-53J

Sample Name	STD8/LVL8	Injection Volume	25.0
Vial Number	8	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	5/25/2021 15:26	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

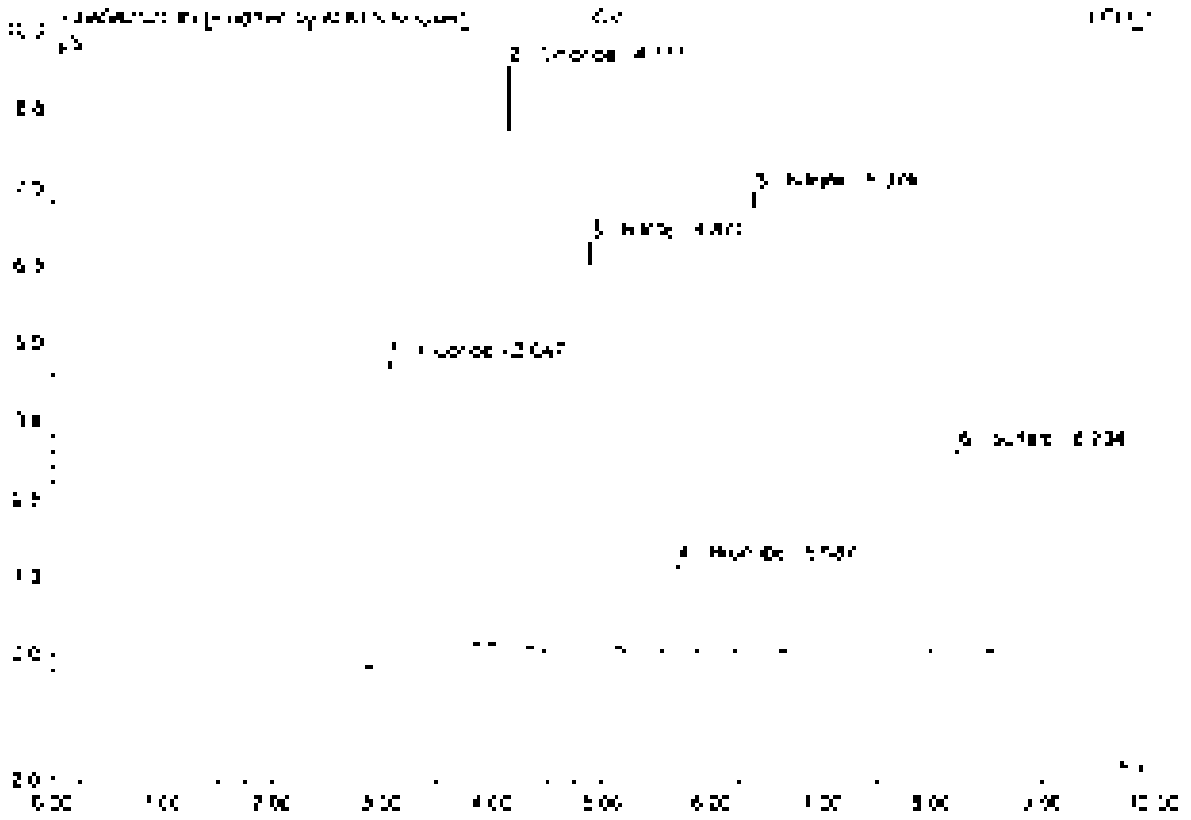


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.35	Fluoride	10.351	2.260	22.97	10.052	BV B*
2	4.12	Chloride	20.700	1.859	18.89	10.180	BV B*
3	4.97	Nitrite	13.435	1.805	18.36	5.057	BV B
4	5.64	Bromide	2.925	0.371	3.77	5.023	BV B
5	6.36	Nitrate	15.774	2.247	22.84	5.055	BV B
6	8.70	Sulfate	6.874	1.297	13.18	10.396	BV B
Total:			69.108	9.839	100.00	45.493	

9 ICV

21-GEN-02-53K

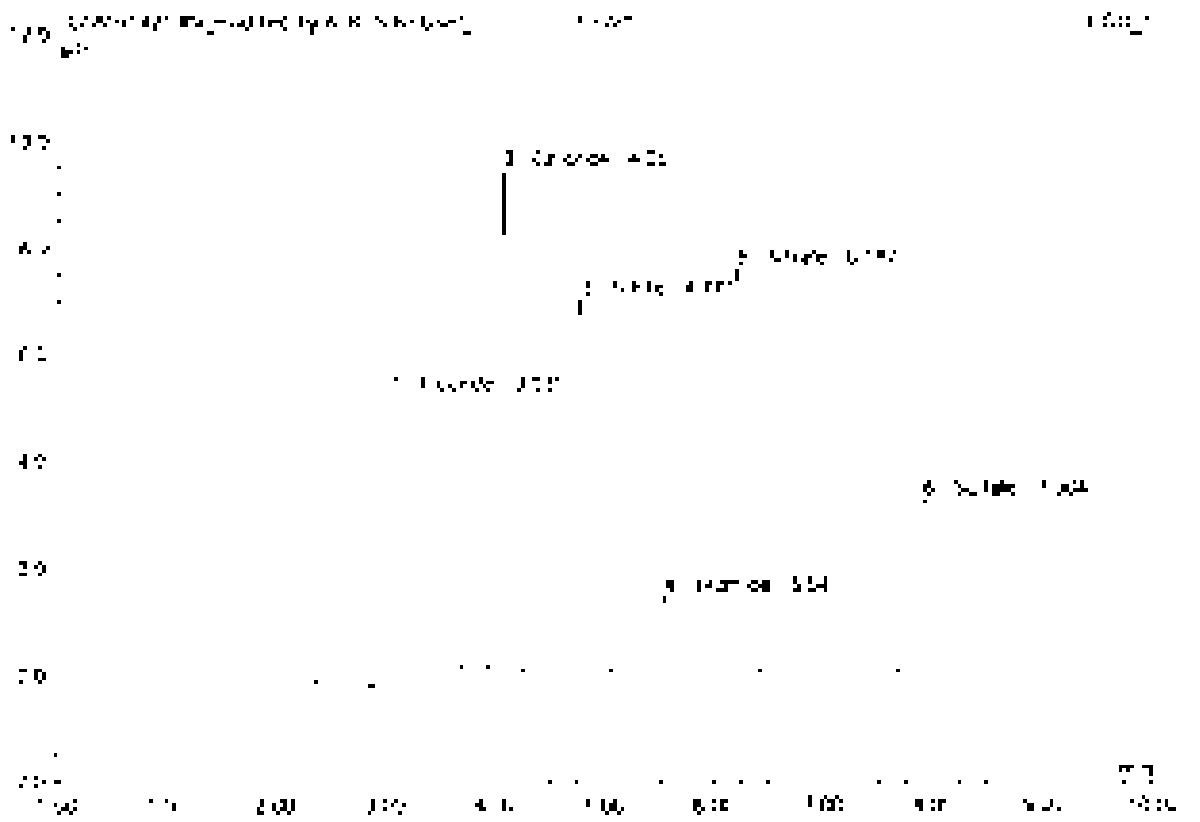
Sample Name	ICV	Injection Volume	25.0
Vial Number	60	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Sample Method	apa300	Dilution Factor	1.0000
Recording Time	8/25/2021 16:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.05	Fluoride	4.833	1.[illegible]	23.56	5.022	BMB*
2	4.12	Chloride	9.259	0.87[illegible]	18.36	4.772	BMB*
3	4.87	Nitrite	6.575	0.855	18.12	2.402	BMB
4	5.69	Bromide	1.422	0.18[illegible]	3.81	2.457	BMB
5	6.37	Nitrate	7.091	1.057	22.32	2.093	BMB
6	8.23	Sulfate	3.253	0.637	13.45	4.962	BMB
Total:			32.773	4.739	100.00	22.022	

9 CCV1

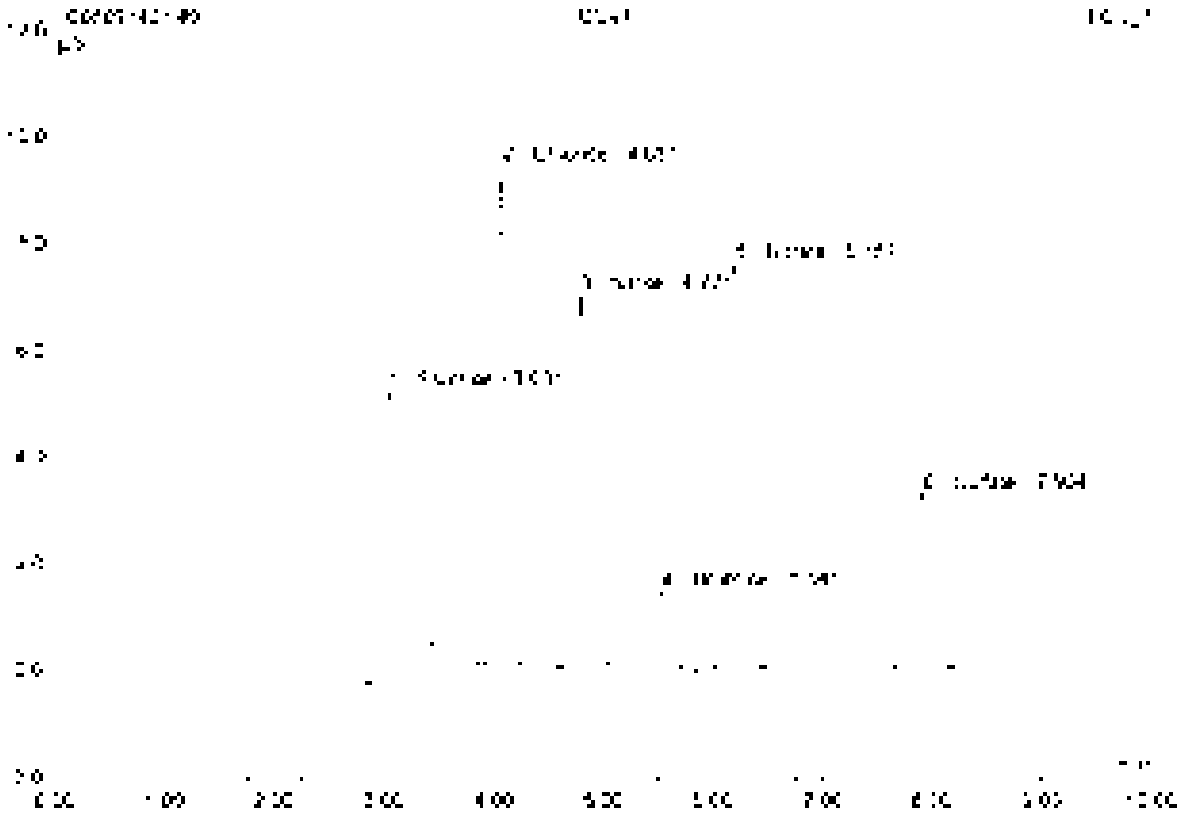
Sample Name	CCV1	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n/a
Control Program	epa300	Bandwidth	n/a
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/14/2021 11:52	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	5.390	1.133	23.82	5.038	BV01
2	4.05	Chloride	9.061	0.657	13.80	4.695	BV01
3	4.77	Nitrite	7.013	0.917	19.29	2.568	BV01
4	5.54	Bromide	1.465	0.178	3.75	2.415	BV08
5	6.19	Nitrate	7.351	1.045	22.00	2.373	BV09
6	7.90	Sulfate	1.281	0.620	13.04	4.828	BV01
Total:			34.097	4.754	100.00	21.917	

9 CCV1

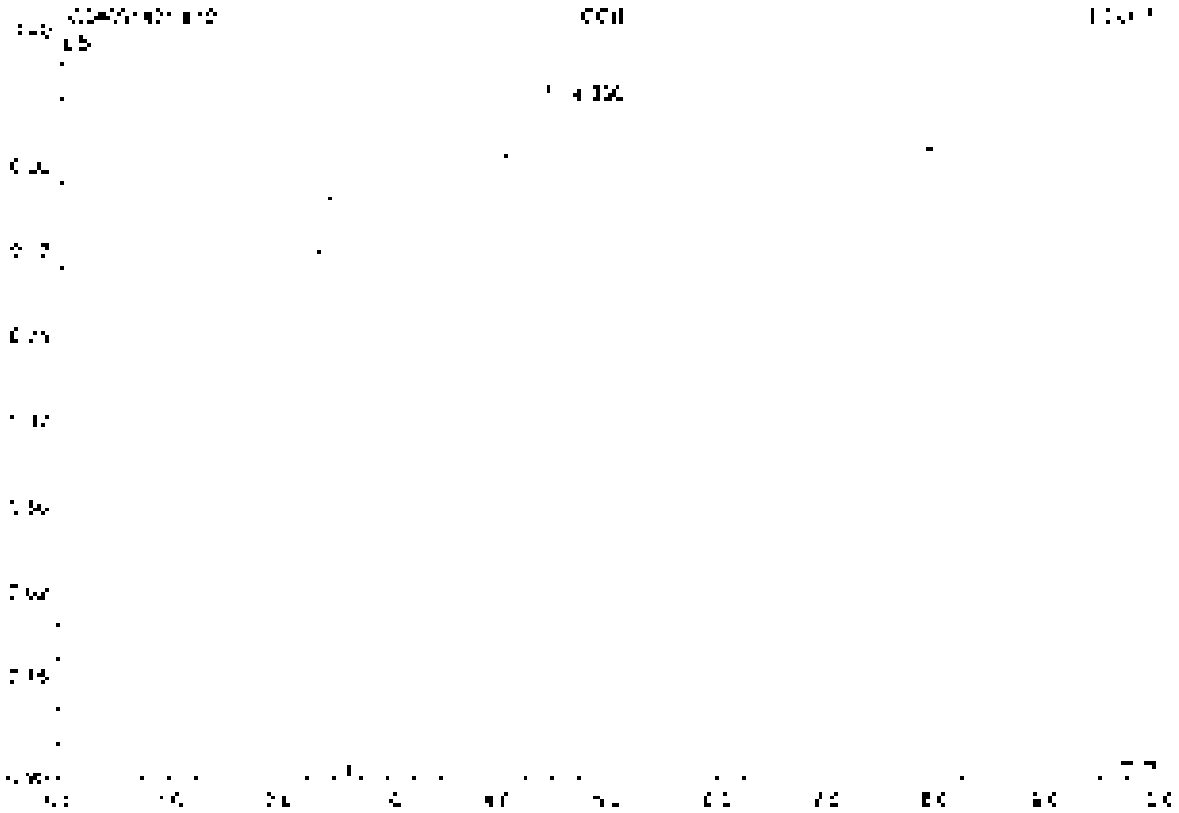
Sample Name	CCV1	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	1.0000
Processing Time	9/14/2021 11:52	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	3.03	Fluoride	5.433	[illegible]	25.26	5.471	BMB
2	4.05	Chloride	5.357	0.856	17.73	4.586	BMB
3	4.77	Nitrite	5.998	0.303	18.72	2.525	BMB
4	5.54	Bromide	1.455	0.115	3.70	2.416	BMB
5	6.19	Nitrate	7.521	1.349	27.74	2.570	BMB
6	7.30	Sulfate	3.287	0.620	12.85	4.278	BMB
Total:			34.113	4.823	100.00	22.242	

10 CCB1

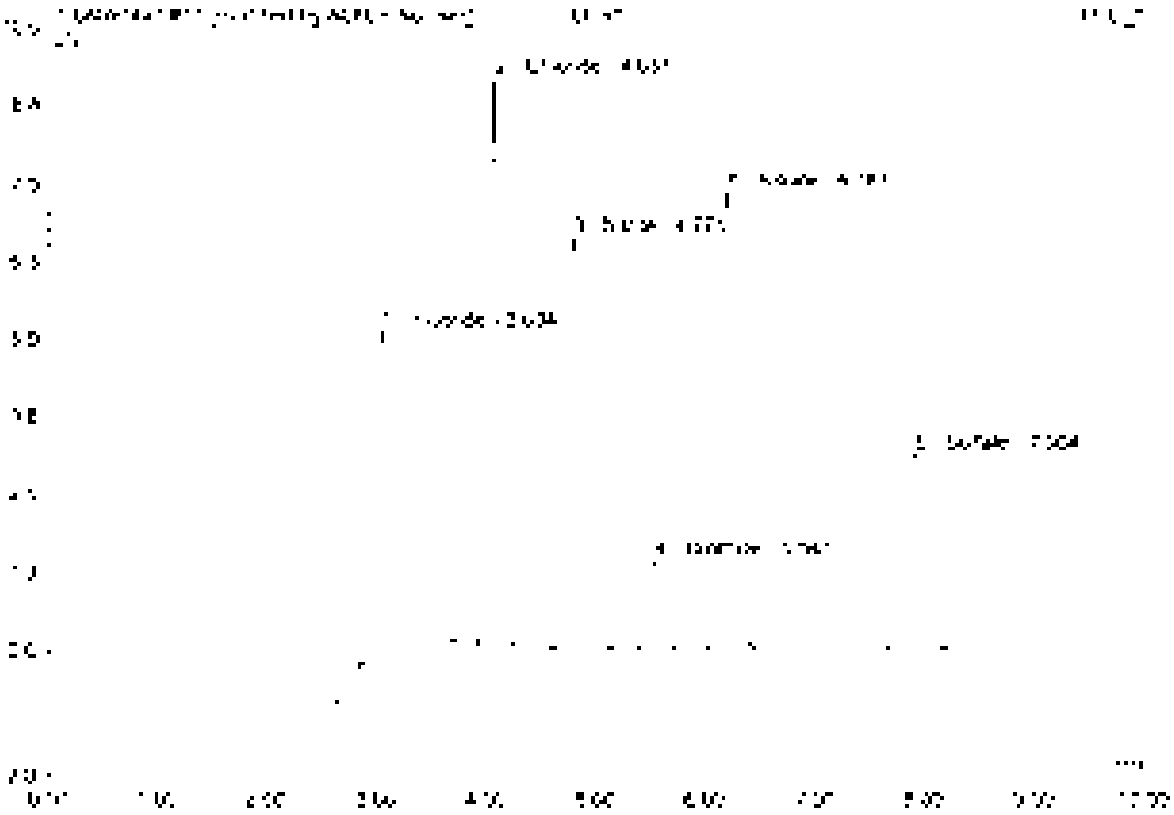
Sample Name	CCB1	Injection Volume	250
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Calibrat. Factor	1.0000
Recording Time	[illegible] 13:00	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	[illegible]	[illegible]	[illegible]	100.00	[illegible]	BVA
Total:			[illegible]	[illegible]	100.00	0.000	

11 LCS1

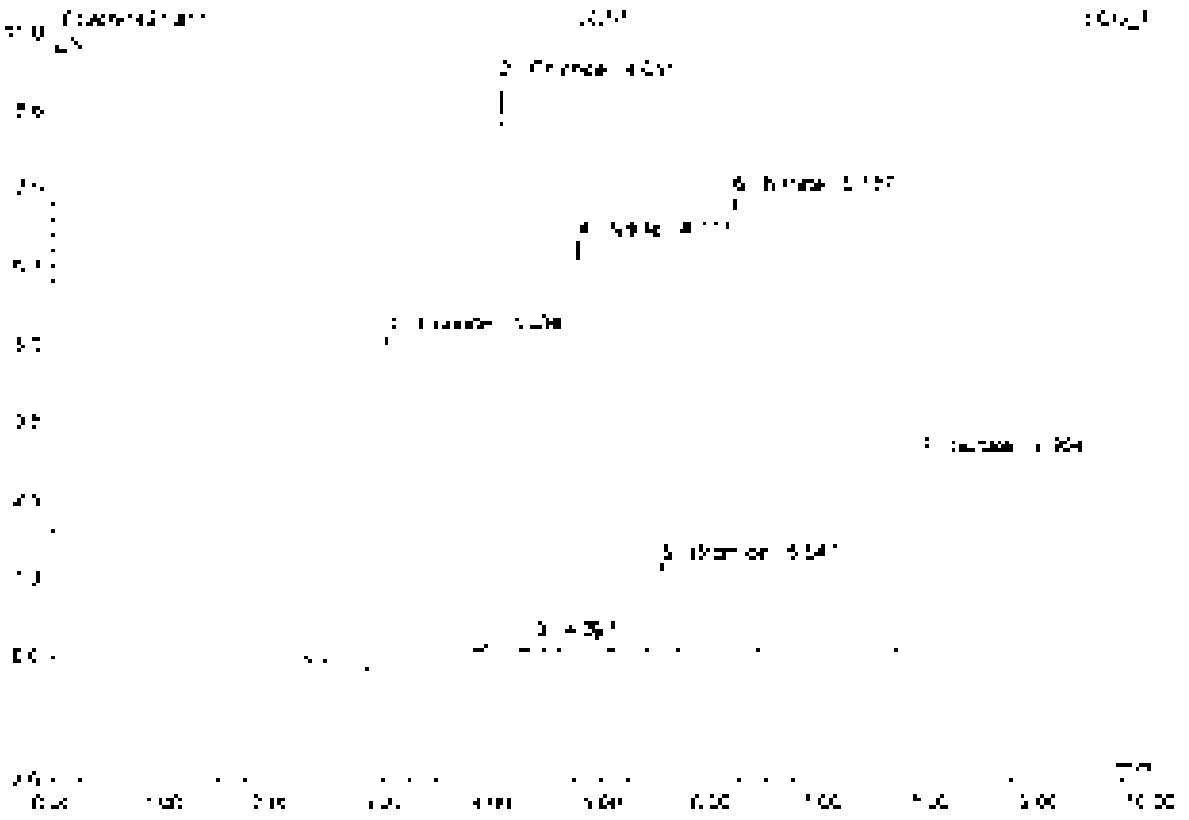
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Curve Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/14/2021 12:15	Sample Weight	1.0000
Run Time (min)	30.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	5.302	1.134	24.52	5.045	BMB*
2	4.05	Chloride	9.108	0.831	18.05	4.500	BMB*
3	4.77	Nitrite	6.607	0.660	18.34	2.417	BMB*
4	5.54	Bromide	1.427	0.174	3.77	2.053	BMB
5	6.19	Nitrate	7.338	1.013	21.99	2.252	BMB
6	7.40	Sulfate	3.735	0.550	12.50	4.650	BMB
Total:			33.511	4.605	100.00	25.257	

11 LCS1

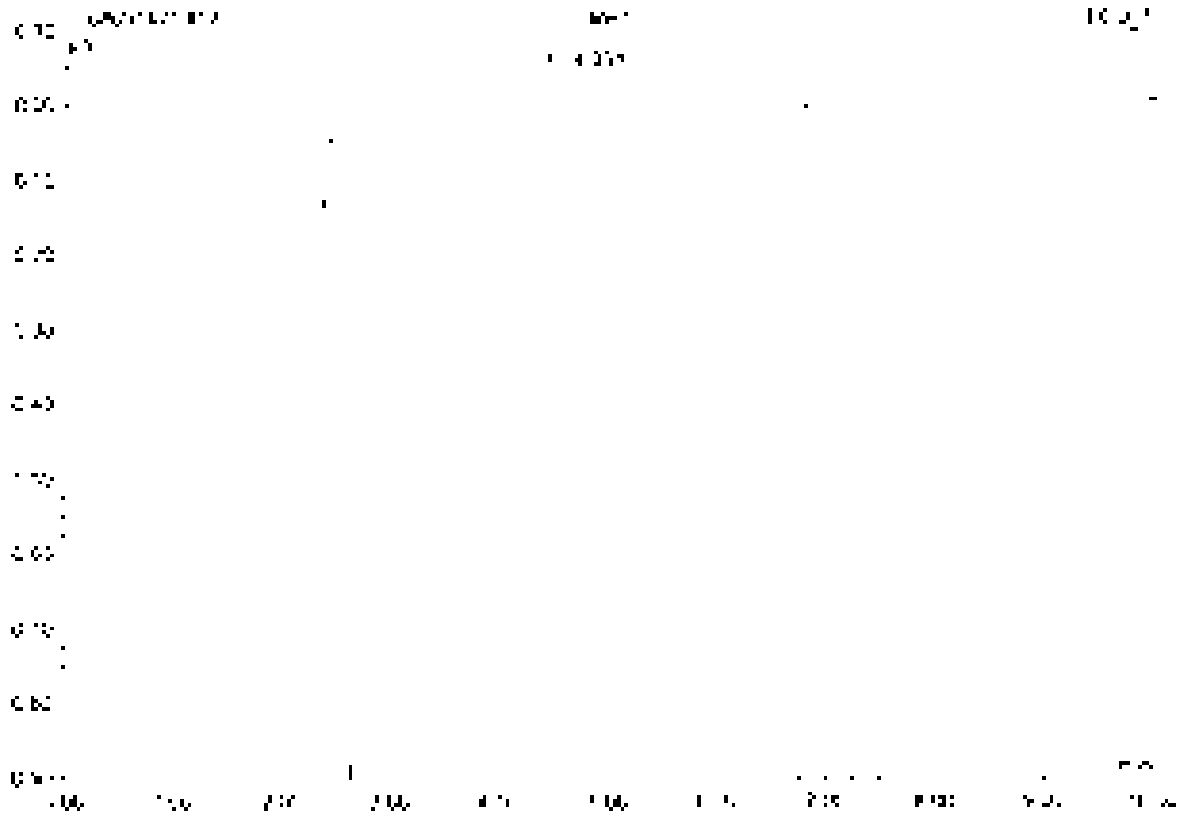
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	9/14/2021 12:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.01	Fluoride	4.027	1.794	25.57	5.310	BMB
2	4.05	Chloride	9.107	0.812	17.81	4.556	BVB
3	4.39	n.a.	0.155	0.015	0.35	n.a.	BVB
4	4.77	Nitrite	6.392	0.853	15.21	2.379	BVB
5	5.54	Bromide	1.421	0.174	3.72	2.351	BVB
6	6.19	Nitrate	7.338	1.013	21.70	2.342	BVB
7	7.90	Sulfate	3.135	0.590	12.63	4.590	BVB
Total:			33.084	4.926	100.00	21.482	

12 MB1

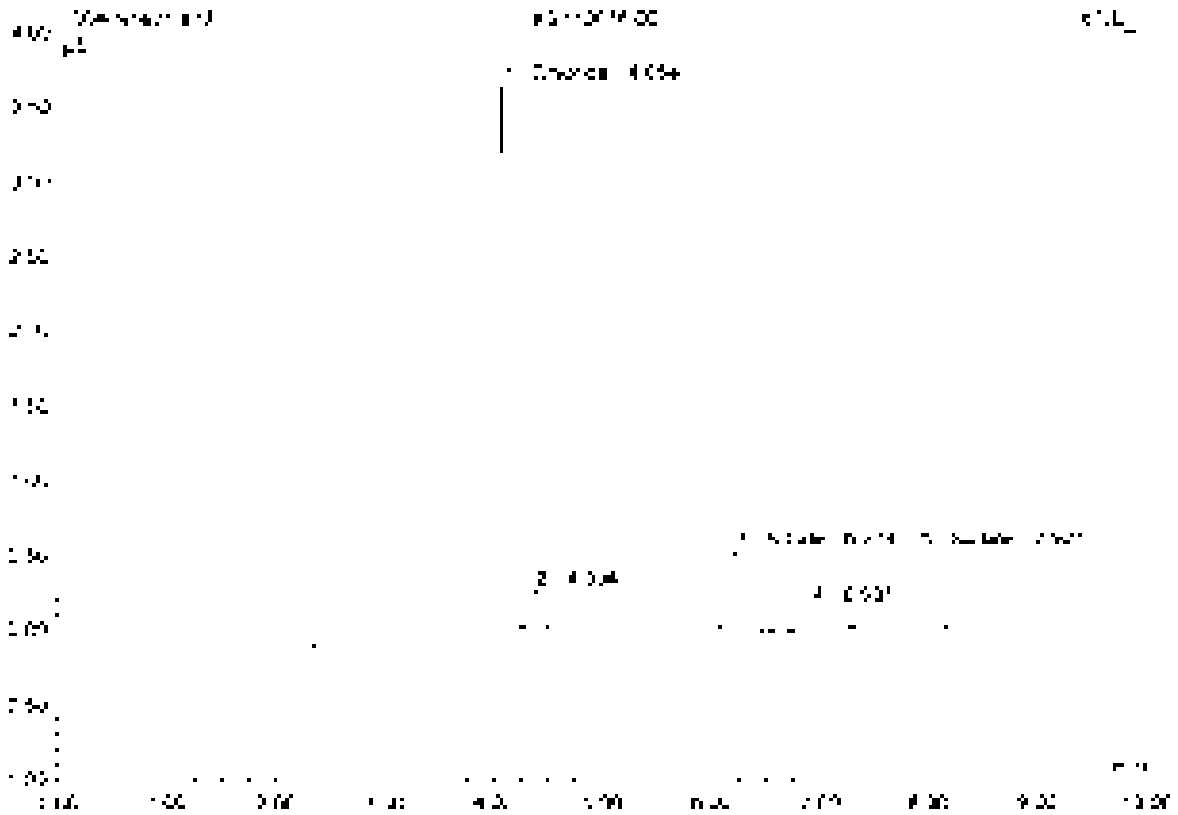
Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	1.0000
Recording Time	8/14/2021 12:26	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.39	n.a.	0.728	3.145	100.00	n.a.	BMB
Total:			0.728	3.145	100.00	0.000	

13 K2110638-001

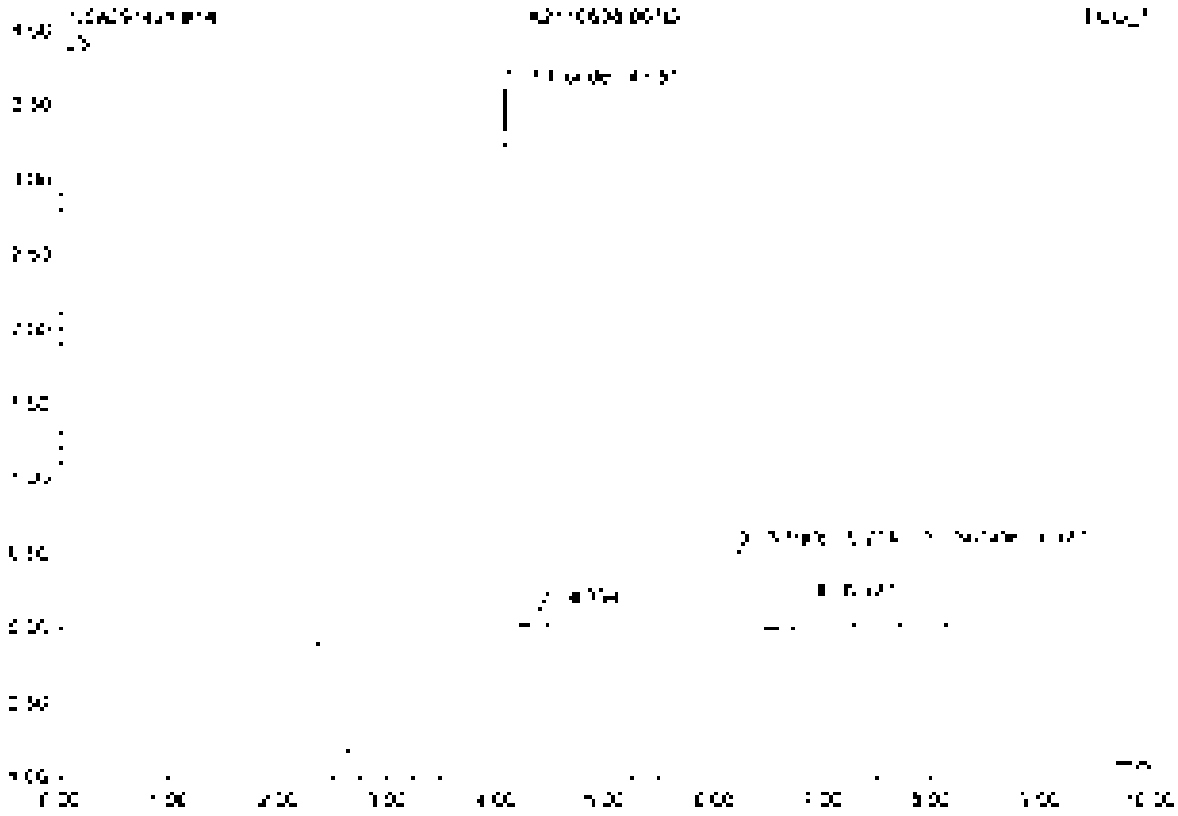
Sample Name	K2110638-001	Injection Volume	35.0
Vial Number	3	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Channel Factor	2.0000
Processing Time	9/14/2021 14:04	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.35	Chloride	3.842	0.379	58.84	[illegible]	BMB
2	4.39	n.a.	0.248	0.027	4.64	n.a.	BMB
3	5.21	Nitrate	0.528	0.078	13.45	0.265	BMB
4	6.91	n.a.	0.158	0.042	7.25	n.a.	BMB
5	7.42	Sulfate	0.518	0.094	16.24	0.459	BMB
Total:			5.103	0.581	100.00	5.535	

14 K2110638-001D

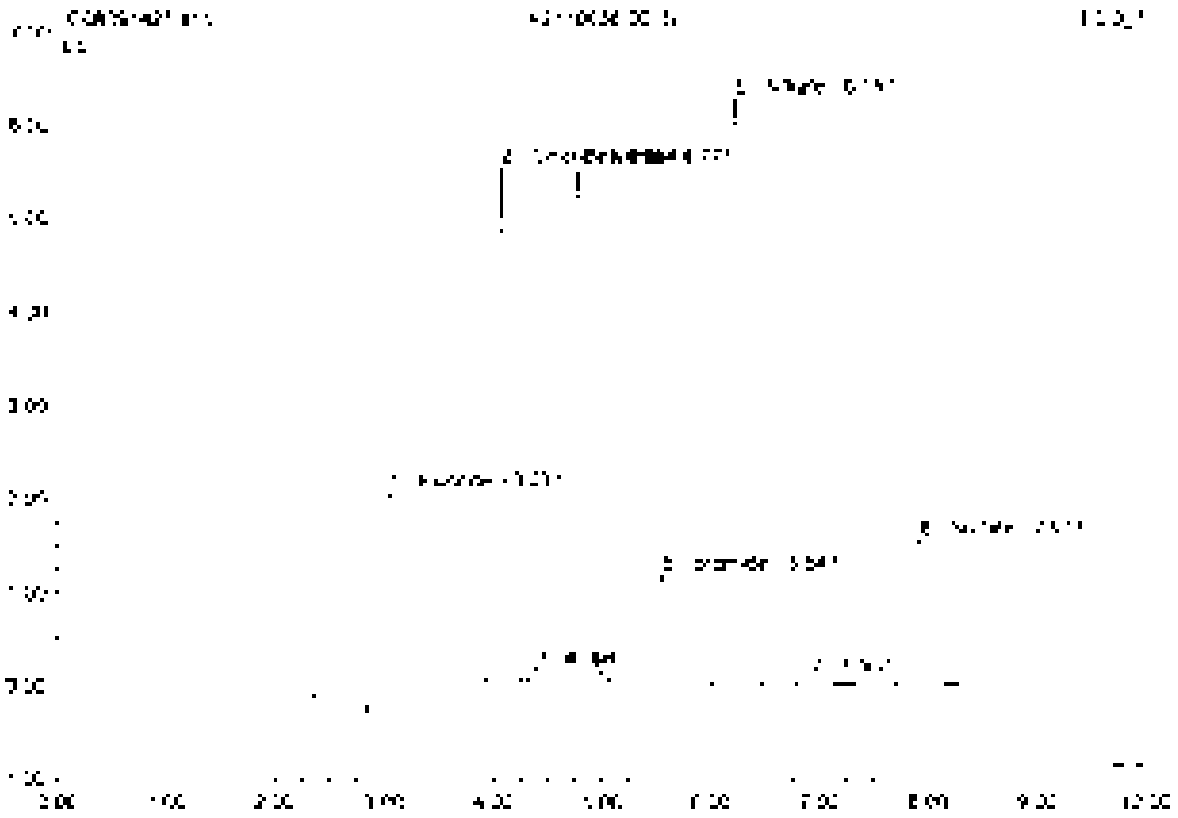
Sample Name	K2110638-001D	Injection Volume	25.0
Vial Number	8	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	5/14/2021 14:16	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.607	0.336	59.51	0.594	DMB
2	4.29	n.a.	0.123	0.012	2.17	n.a.	BMB
3	6.21	Nitrate	0.326	0.070	12.50	0.355	BMB
4	6.50	n.a.	0.170	0.043	7.70	n.a.	BMB
5	7.90	Sulfate	0.516	0.095	16.73	1.472	BMB
Total:			1.941	0.565	100.00	2.421	

15 K2110638-001S

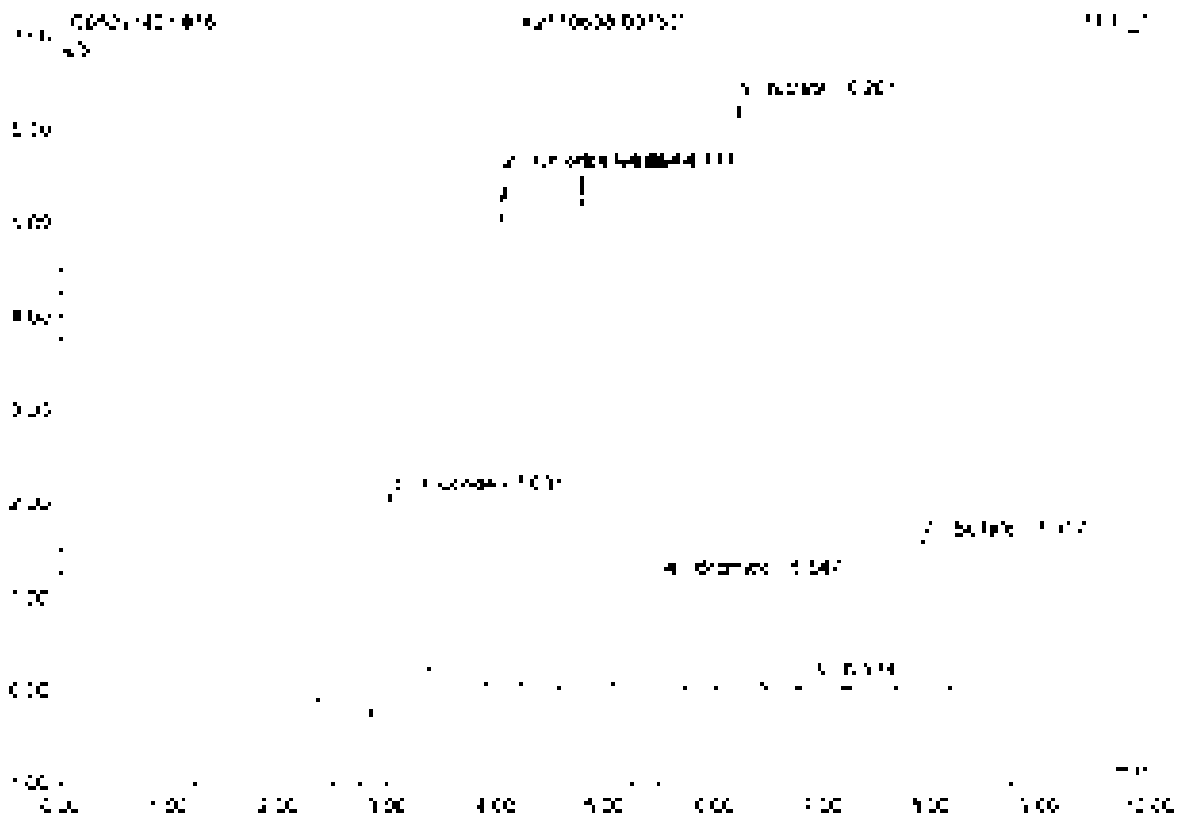
Sample Name	K2110638-001S	Injection Volume	35.0
Vial Number	6	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	4.0000
Recording Time	01/4/2021 14:27	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.30	Fluoride	2.[illegible]	0.363	17.57	[illegible]	BV0
2	4.05	Chloride	5.507	0.508	16.7[illegible]	11.[illegible]22	SM8
3	4.35	n.a.	0.152	0.015	0.45	n.a.	BV8
4	4.77	Nitrite	1.498	0.[illegible]26	22.15	7.510	BV8
5	5.55	Bromide	[illegible]	0.145	4.66	7.515	BV0
6	5.20	Nitrate	6.270	0.879	26.07	7.954	BV8
7	6.53	n.a.	0.089	0.023	0.75	n.a.	BV8
8	7.57	Sulfate	1.561	0.200	5.78	5.045	BV8
Total:			22.564	3.131	100.00	43.353	

16 K2110638-001SD

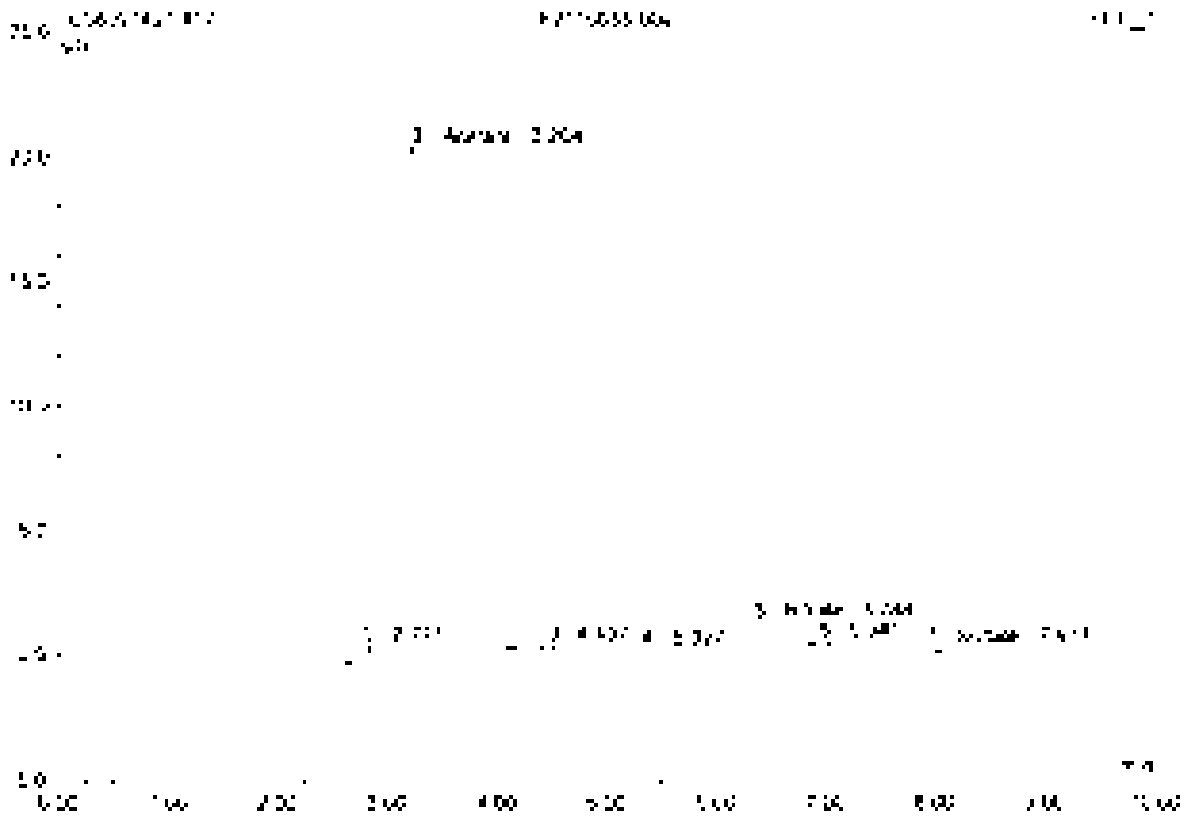
Sample Name	K2110638-001SD	Injection Volume	25.0
Vial Number	4	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Suppressor	n.a.
Quantit. Method	epa300	Dilution Factor	4.0000
Processing Time	9/Mar2021 14:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.00	Fluoride	2.017	0.563	12.02	[illegible]	BMB
2	4.05	Chloride	5.485	0.808	16.25	[illegible]	BMB
3	4.77	Nitrite	5.503	0.707	22.53	[illegible]	BMB
4	5.55	Bromide	[illegible]	0.145	4.65	[illegible]	BMB
5	6.20	Nitrate	6.251	0.880	28.18	[illegible]	BMB
6	6.93	n.a.	0.296	0.025	0.79	[illegible]	BMB
7	7.92	Sulfate	1.599	0.296	9.43	[illegible]	BMB
Total:			22.457	3.123	100.00	[illegible]	

17 K2110655-002

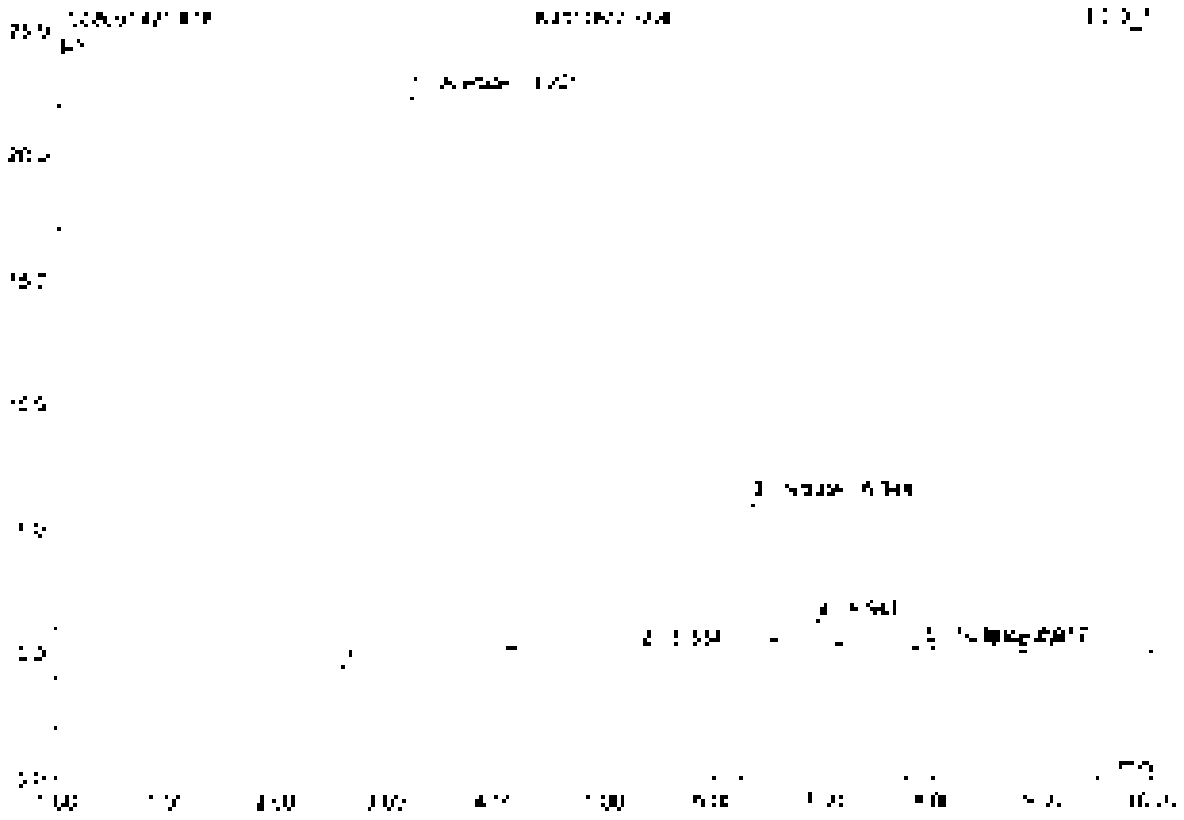
Sample Name	K2110655-002	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Method Program	epa300	Bandwidth	n.a.
Column Method	epa300	Dilution Factor	5.0000
Recording Time	9/14/2021 14:51	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.77	n.a.	0.432	0.058	0.70	n.a.	BMB
2	3.20	Acetate	20.175	7.915	96.43	n.a.	BMB
3	4.46	n.a.	0.152	0.017	0.21	n.a.	BMB
4	5.03	n.a.	0.071	0.010	0.13	n.a.	BMB
5	6.34	Nitrate	0.965	0.144	1.76	1.632	BMB
6	6.94	n.a.	0.106	0.028	0.34	n.a.	BMB
7	7.92	Sulfate	0.780	0.035	0.43	1.206	BMB
Total:			22.136	8.212	100.00	2.008	

18 K2110655-004

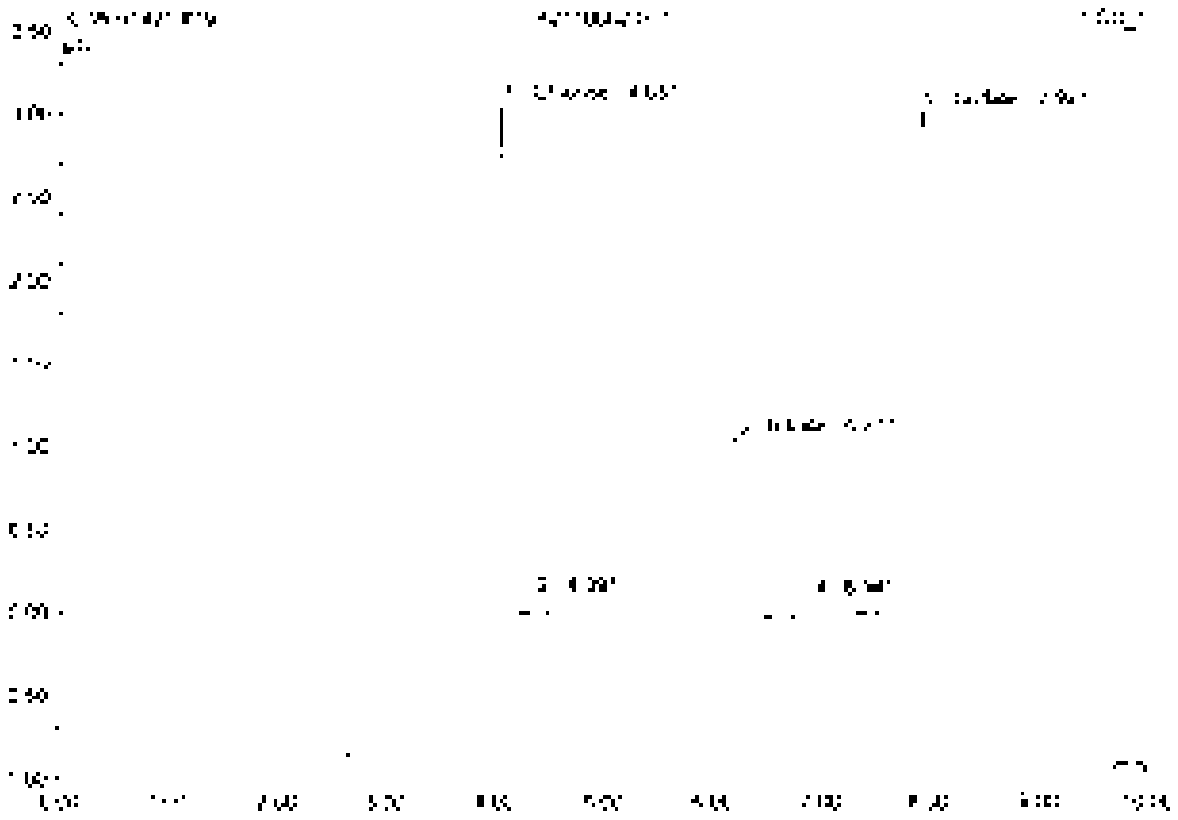
Sample Name	K2110655-004	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Barcode	n.a.
Quant Method	wpa300	Dilution Factor	5.0000
Recording Time	8/14/2021 15:02	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.20	Acetate	22.352	9.339	50.22	n.a.	BMB
2	5.33	n.a.	0.020	0.010	0.06	n.a.	BMB
3	6.34	Nitrate	5.774	0.766	7.40	5.666	BMB
4	6.55	n.a.	0.542	0.159	1.54	n.a.	BMB
5	7.92	Sulfate	0.164	0.021	0.30	1.151	BMB
6	8.49	n.a.	0.065	0.048	0.46	n.a.	BMB
Total:			30.369	10.353	100.00	6.857	

19 K2110662-001

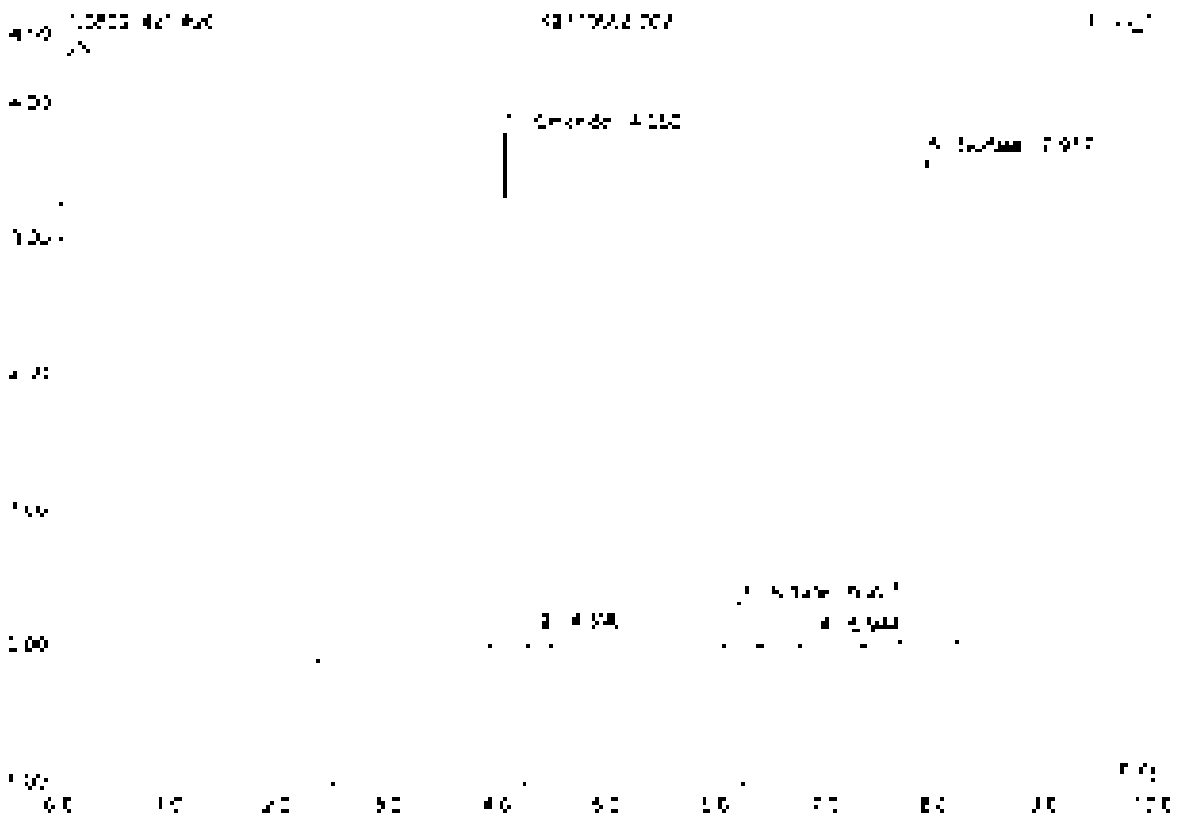
Sample Name	K2110662-001	Injection Volume	25.0
Vial Number	9	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	9/14/2021 15:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	3.072	3.257	27.37	3.146	BV*
2	4.39	n.a.	0.106	0.211	1.04	n.a.	BV0
3	6.21	Nitrate	1.042	0.192	16.44	0.733	BMB
4	6.94	n.a.	0.174	0.330	3.46	n.a.	BMB
5	7.82	Sulfate	3.015	5.557	52.70	8.609	BMB
Total:			7.389	10.545	100.00	12.488	

20 K2110662-002

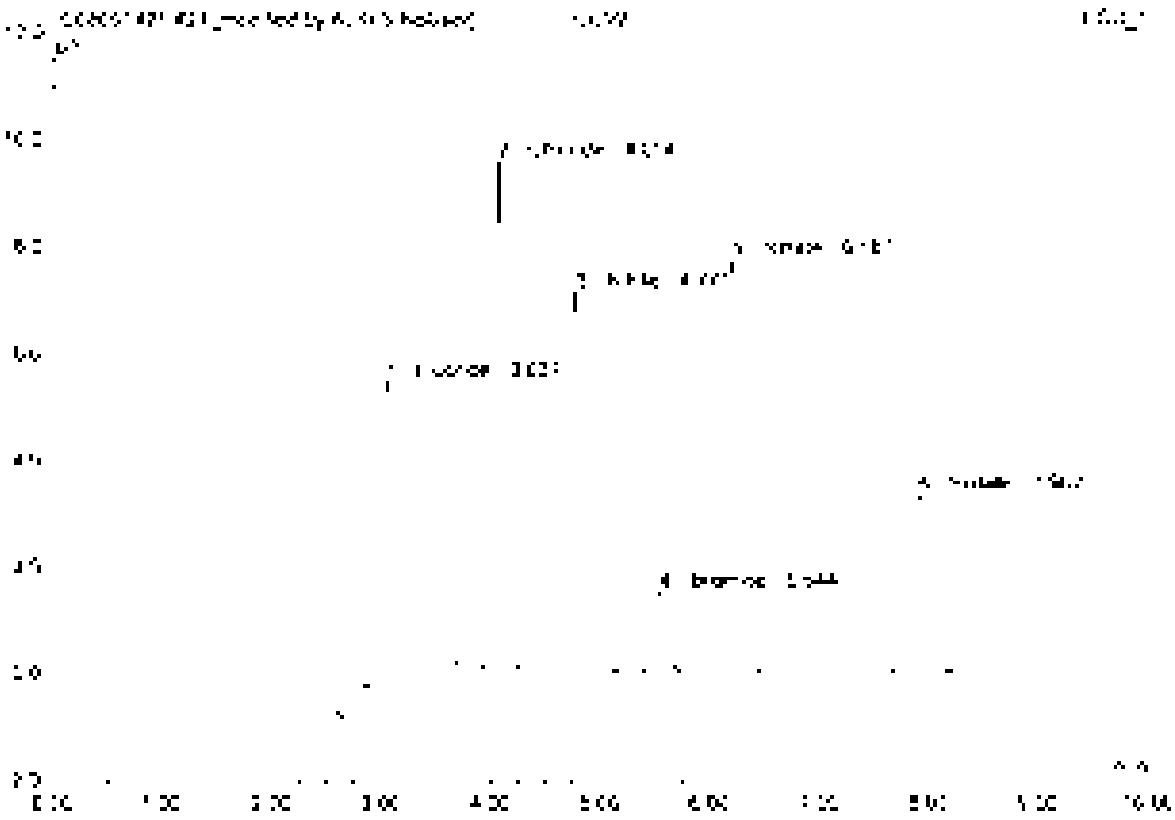
Sample Name	K2110662-002	Injection Volume	25.0
Vial Number	10	Column	ICD-1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantitation Method	apa300	Dilution Factor	2.0000
Recording Time	9/14/2021 15:25	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	3.732	0.352	21.97	3.855	BMB
2	4.39	n.a.	0.105	0.041	1.31	n.a.	BMB
3	6.21	Nitrate	0.320	0.090	5.57	0.928	BMB
4	6.94	n.a.	0.029	0.029	2.63	n.a.	BMB
5	7.92	Sulfate	3.550	0.655	39.93	10.256	BMB
Total:			7.806	1.167	100.00	14.039	

2t CCV2

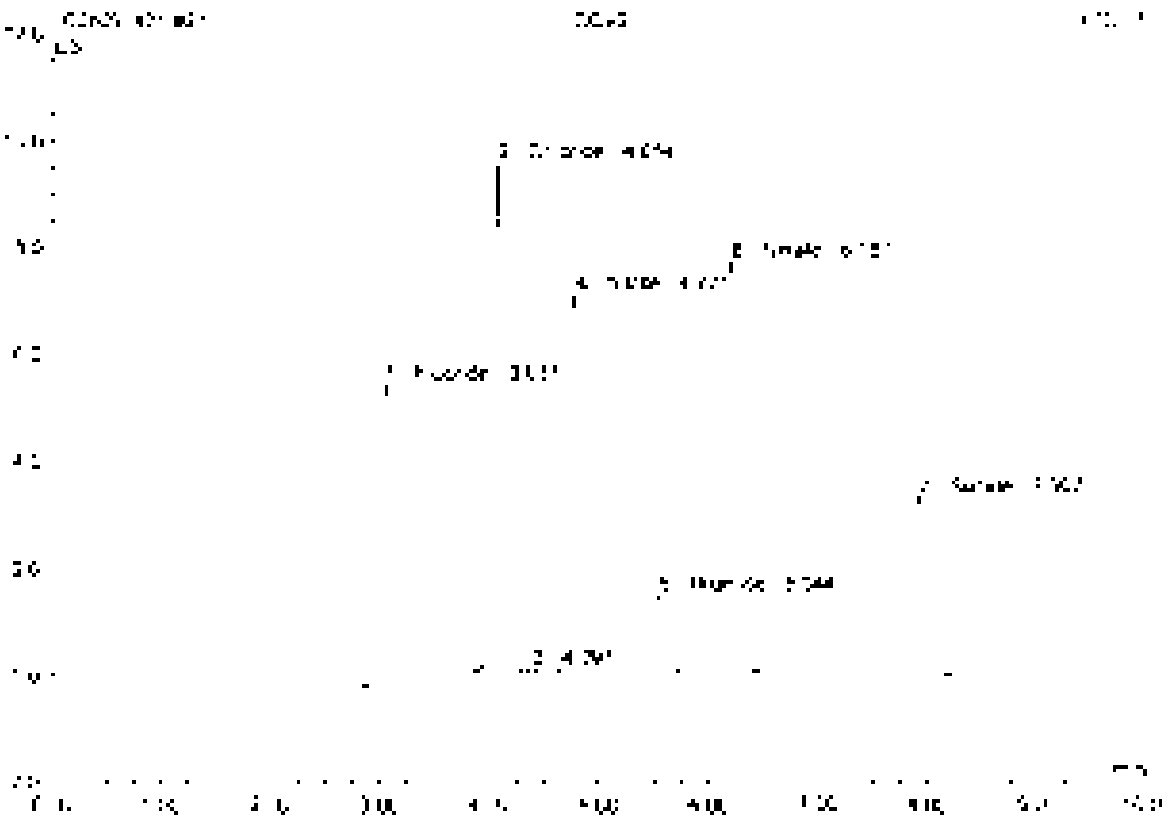
Sample Name	CCV2	Injection Volume	25.0
Inj Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/14/2021 15:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.94	Fluoride	5.628	1.202	24.72	5.348	BMB*
2	4.05	Chloride	3.458	0.867	17.83	4.751	BMB*
3	4.77	Nitrite	7.092	0.926	19.04	7.694	BMB*
4	5.54	Bromide	1.472	0.180	3.69	2.435	BMB
5	6.19	Nitrate	7.708	1.053	21.65	2.496	BMB
6	7.97	Sulfate	3.222	0.626	12.87	4.871	BMB
Total:			34.729	4.865	100.00	22.496	

21 CCV2

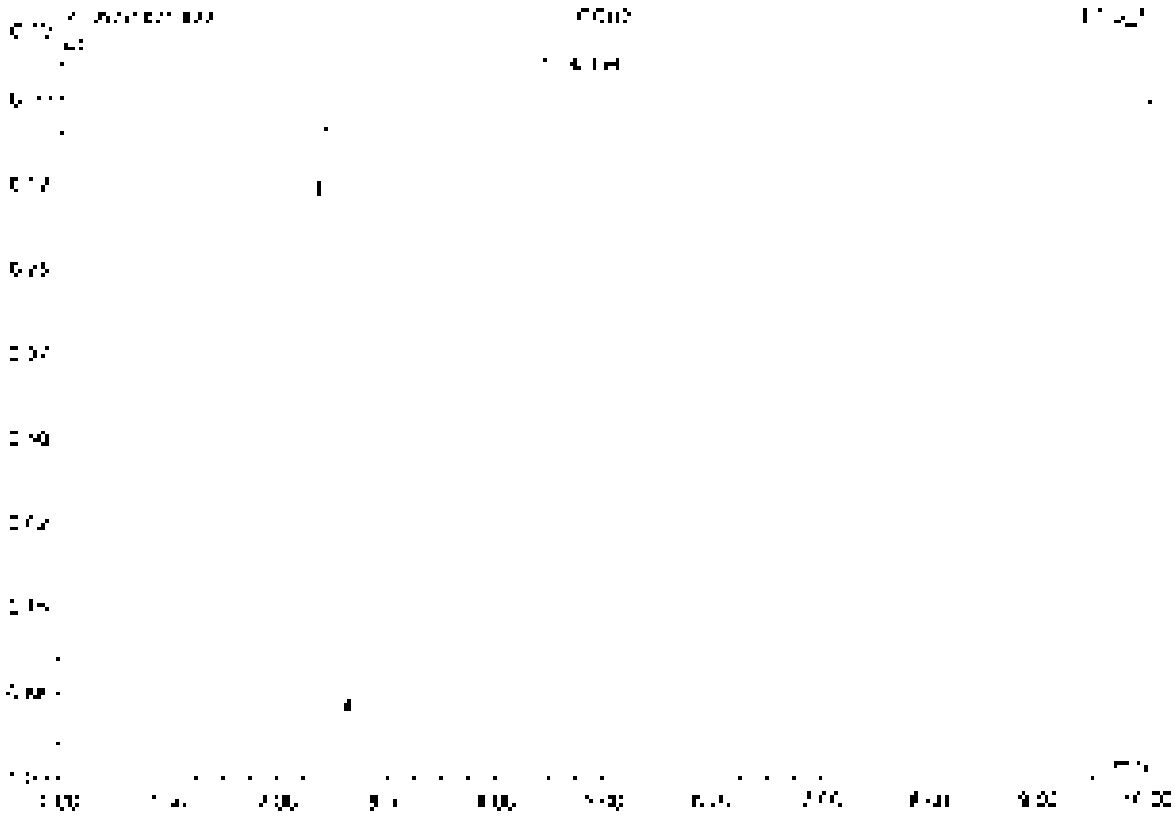
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	LCD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	3/14/2021 15:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
3	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
4	[illegible]	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]	BMB
5	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	BMB
6	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
7	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

22 CCB2

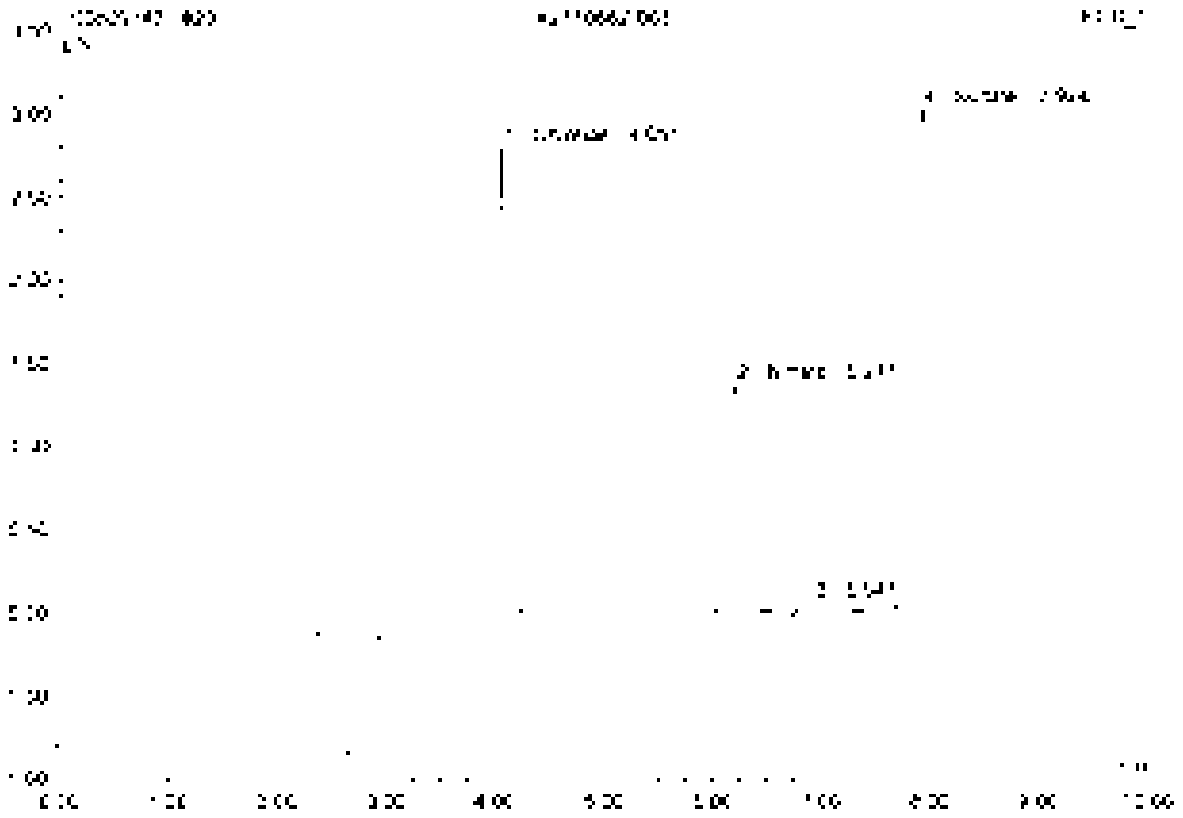
Sample Name	CCB2	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	9/14/2021 15:48	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.39	n.a.	3.123	3.128	100.00	n.a.	BMB
Total:			3.123	3.128	100.00	0.000	

23 K2110662-003

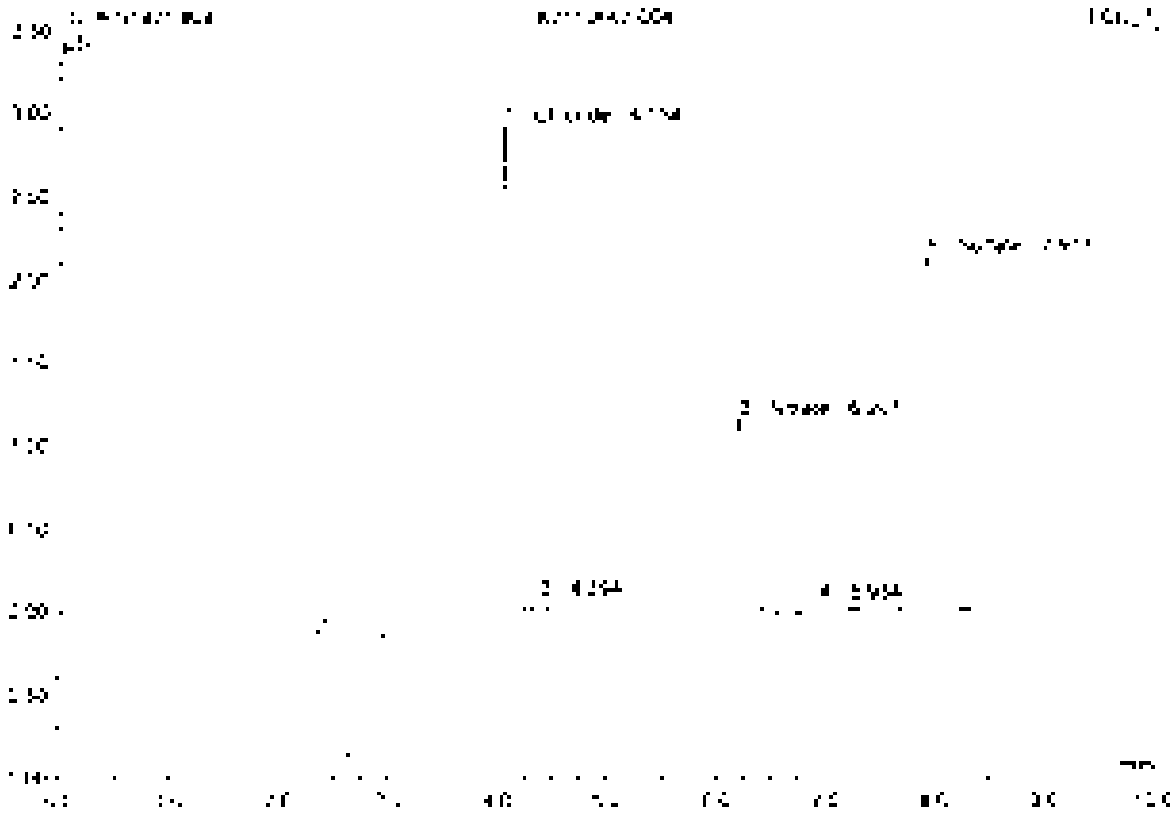
Sample Name	K2110662-003	Injection Volume	25.0
Vial Number	11	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	2.0000
Processing Time	[illegible]/2021 18:00	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	4.05	Chloride	9.501	0.262	25.17	2.670	BVB
2	6.21	Nitrate	1.375	0.201	19.29	0.905	BVB
3	6.55	n.a.	0.271	0.024	2.35	n.a.	BVB
4	7.92	Sulfate	9.016	0.554	53.19	8.679	BVB
Total:			20.166	1.041	100.00	12.254	

24 K2110662-004

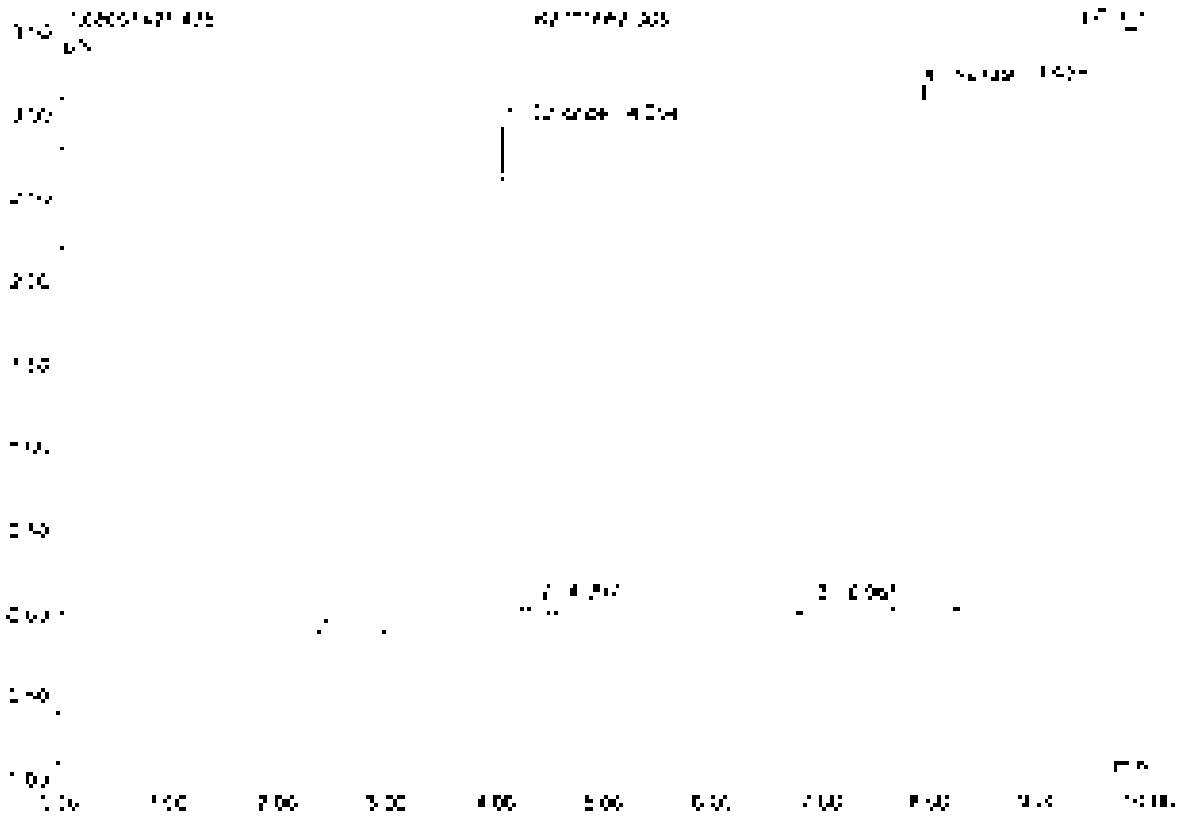
Sample Name	K2110662-004	Injection Volume	25.0
Vial Number	12	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	9/14/2021 16:13	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	2.918	0.272	[illegible]	[illegible]	BMB
2	4.39	n.a.	0.266	0.006	0.75	n.a.	BMB
3	6.21	Nitrate	1.161	0.167	19.46	0.755	BMB
4	6.55	n.a.	0.066	0.015	2.25	n.a.	BMB
5	[illegible]	Sulfate	2.120	0.351	45.53	0.129	BMB
Total:			6.132	0.558	100.00	0.885	

25 K2110662-005

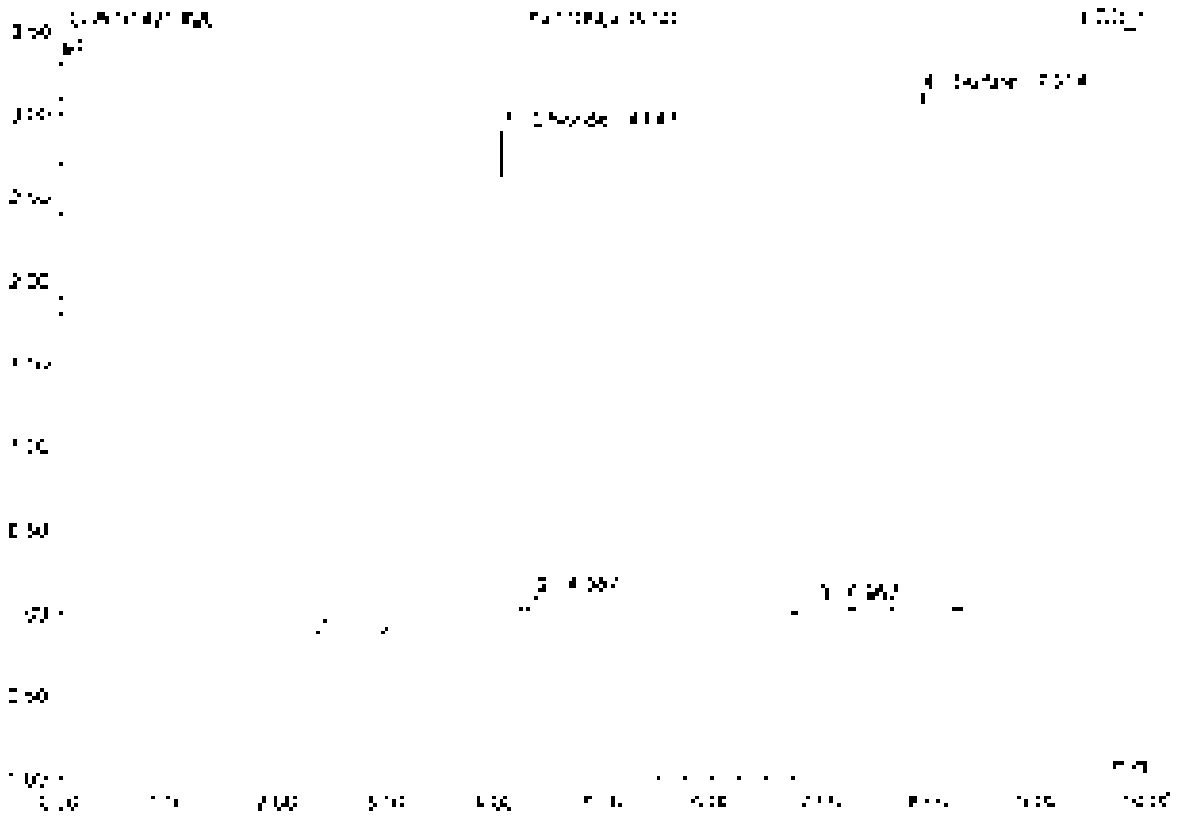
Sample Name	K2110662-005	Injection Volume	25.0
Inj. Number	13	Channel	ECD 1
Sample Type	unknown	Magnification	n.a.
Control Program	epa300	Attenuation	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Processing Time	5/14/2021 16:23	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	2.935	0.274	31.31	3.003	BV E
2	4.40	n.a.	0.061	0.008	0.90	n.a.	M V
3	6.95	n.a.	0.038	0.018	2.08	n.a.	BMB
4	7.92	Sulfate	3.149	0.577	65.91	8.991	MVB
Total:			6.200	0.876	100.00	11.995	

26 K2110662-005D

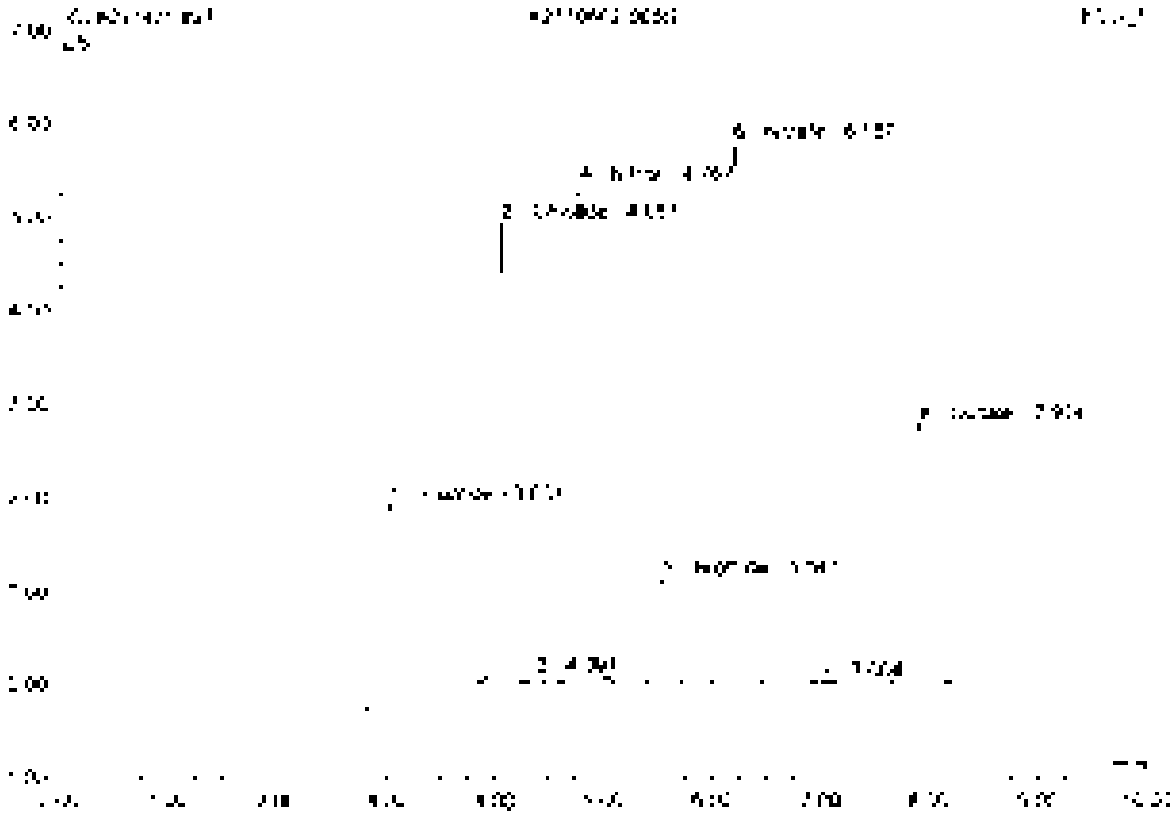
Sample Name	K2110662-005D	Injection Volume	26.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Output Method	apa300	Dilution Factor	2.0000
Recording Time	9/14/2021 16:36	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	2.559	0.270	[illegible]	2.900	BMC
2	4.39	n.a.	0.069	0.010	[illegible]	n.a.	BMD
3	6.97	n.a.	0.052	0.019	2.21	n.a.	BMR
4	7.91	Sulfate	3.109	0.571	65.61	8.958	BMB
Total:			5.789	0.871	100.00	11.858	

27 K2110662-005S

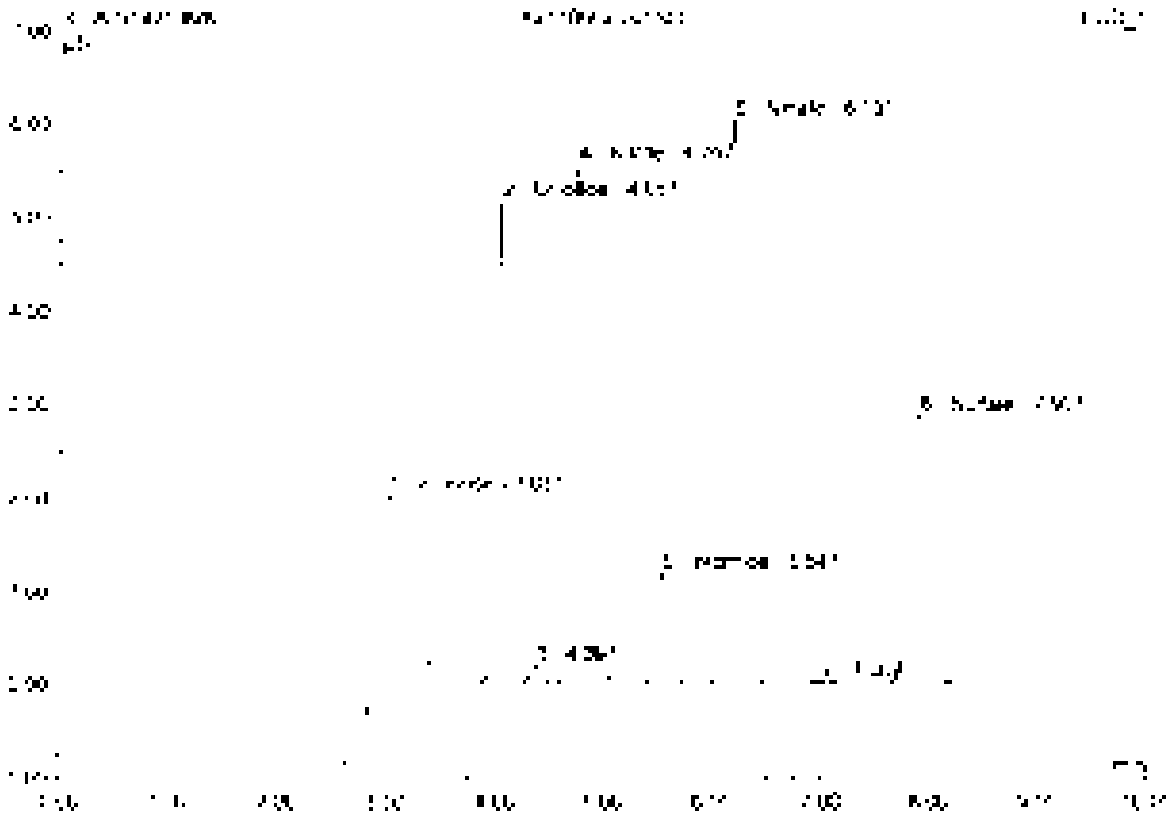
Sample Name	K2110662-005S	Injection Volume	35.0
Vial Number	15	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	4.0000
Processing Time	[illegible]21 10:47	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	2.161	0.538	1.11	[illegible]	BV[illegible]
2	4.05	Chloride	4.957	0.454	1.42	5.537	BV[illegible]
3	4.39	n.a.	0.070	0.007	0.03	n.a.	BMB
4	4.77	Nitrite	5.320	0.622	21.67	7.634	BMB
5	5.54	Bromide	1.733	0.109	4.42	7.540	BMB
6	6.79	Nitrate	5.783	0.806	25.64	7.299	BMB
7	7.30	n.a.	0.023	0.008	0.24	n.a.	BMB
8	7.90	Sulfate	2.775	0.512	16.27	15.935	BMB
Total:			22.185	3.145	100.00	57.015	

28 K2110662-005SD

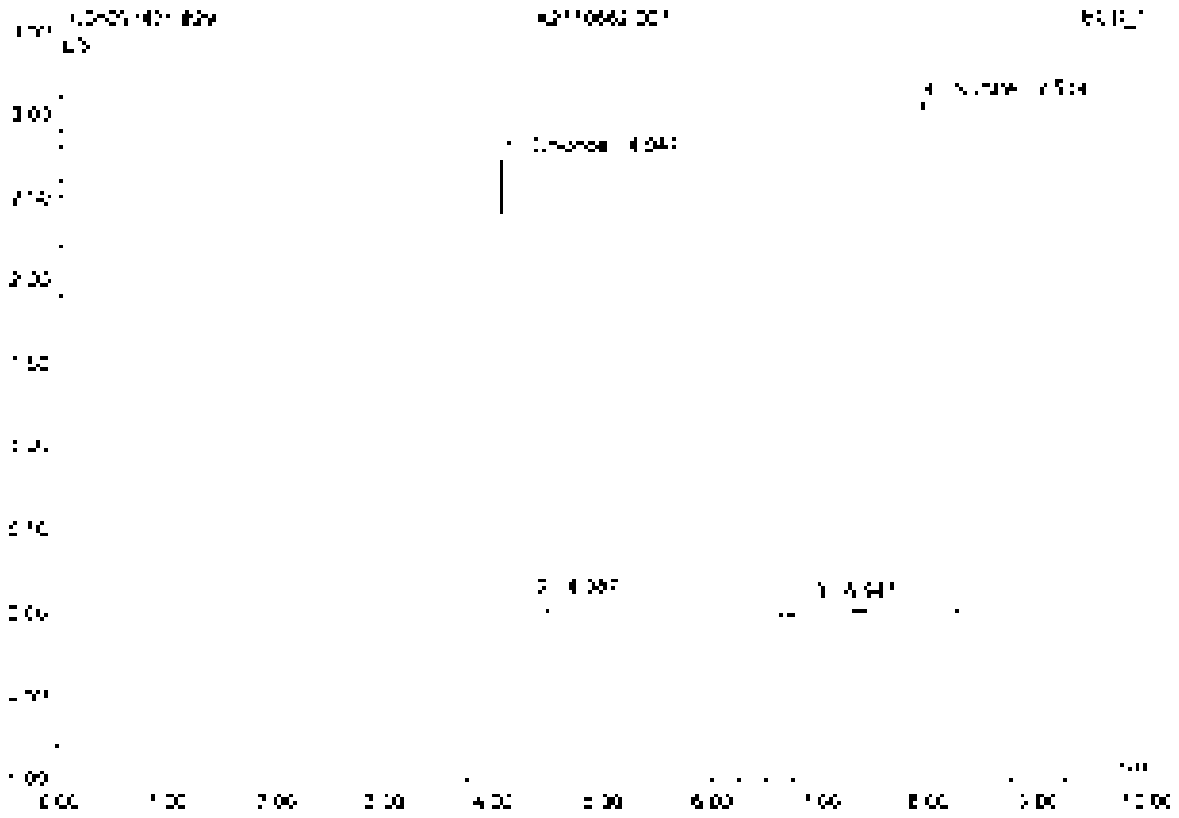
Sample Name	K2110662-005SD	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	4.0000
Recording Time	9/14/2021 14:58	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
3	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
4	[illegible]	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]	BMB
5	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	BMB
6	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
7	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
8	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

29 K2110662-007

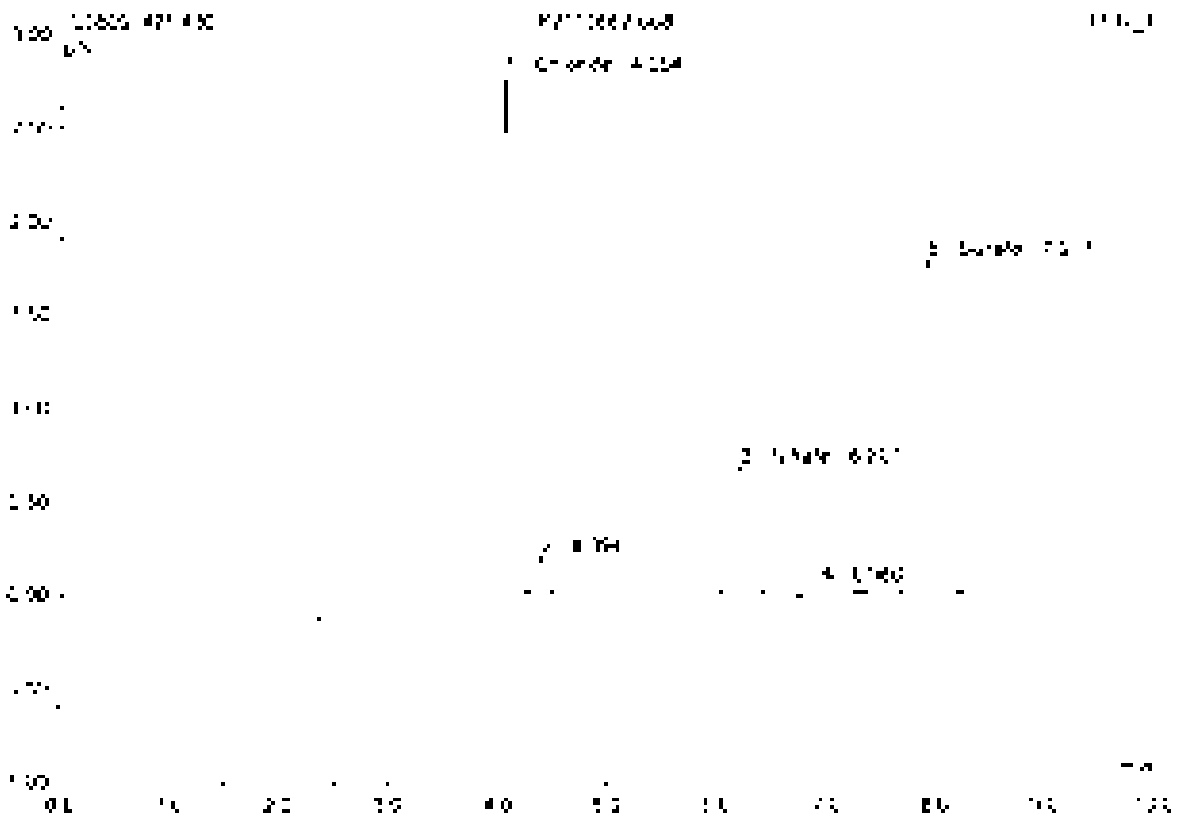
Sample Name	K2110662-007	Injection Volume	35.0
Vial Number	17	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	2.0000
Processing Time	5/14/2021 17:16	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.05	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	4.39	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
3	6.95	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
4	7.41	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

30 K2110662-008

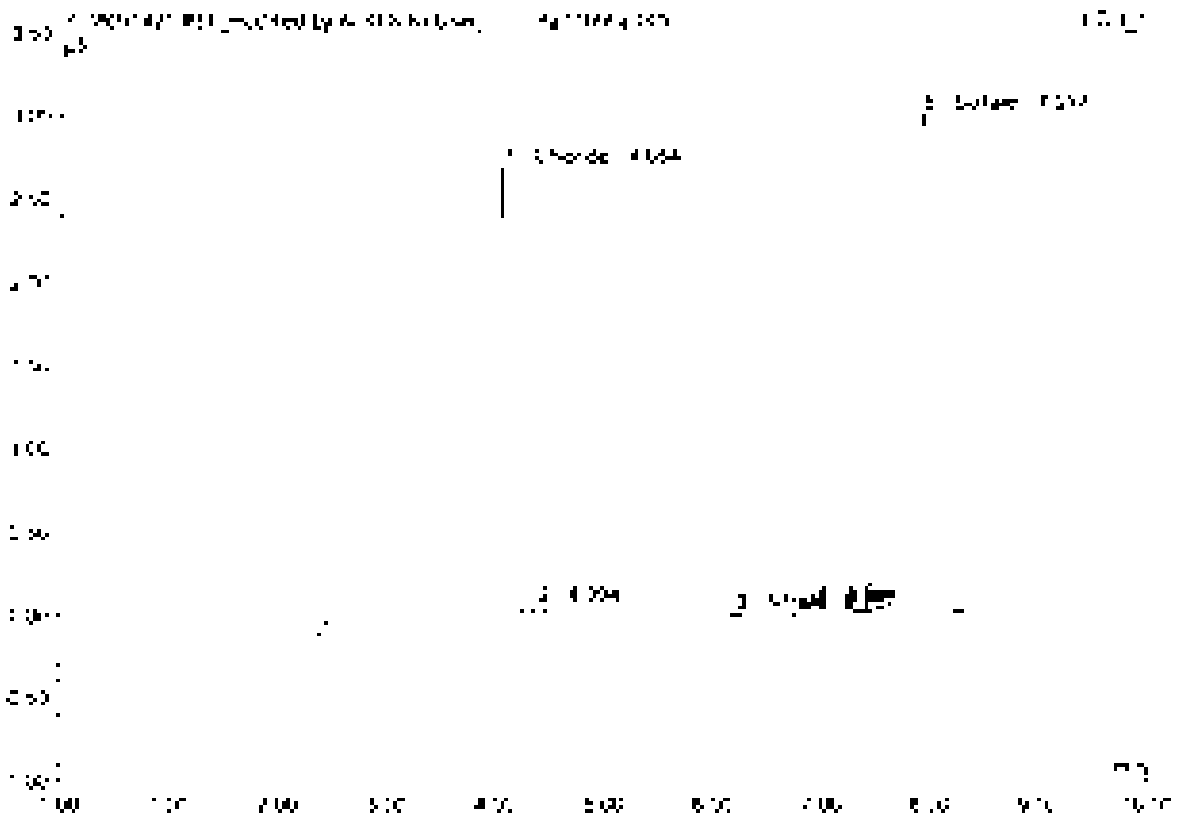
Sample Name	K2110662-008	Injection Volume	25.0
Vial Number	30	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	9/14/2021 17:21	Sample Weight	1.0000
Run Time (min.)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chlorate	2.773	0.258	35.52	2.325	BV E
2	4.39	n.a.	0.195	0.020	2.73	n.a.	bM d
3	6.21	Nitrite	0.078	0.098	13.55	0.445	BMB
4	6.56	n.a.	0.047	0.021	2.85	n.a.	BMH
5	7.02	Sulfate	1.779	0.328	45.20	5.107	MVB
Total:			5.484	0.725	100.00	8.376	

31 K2110662-009

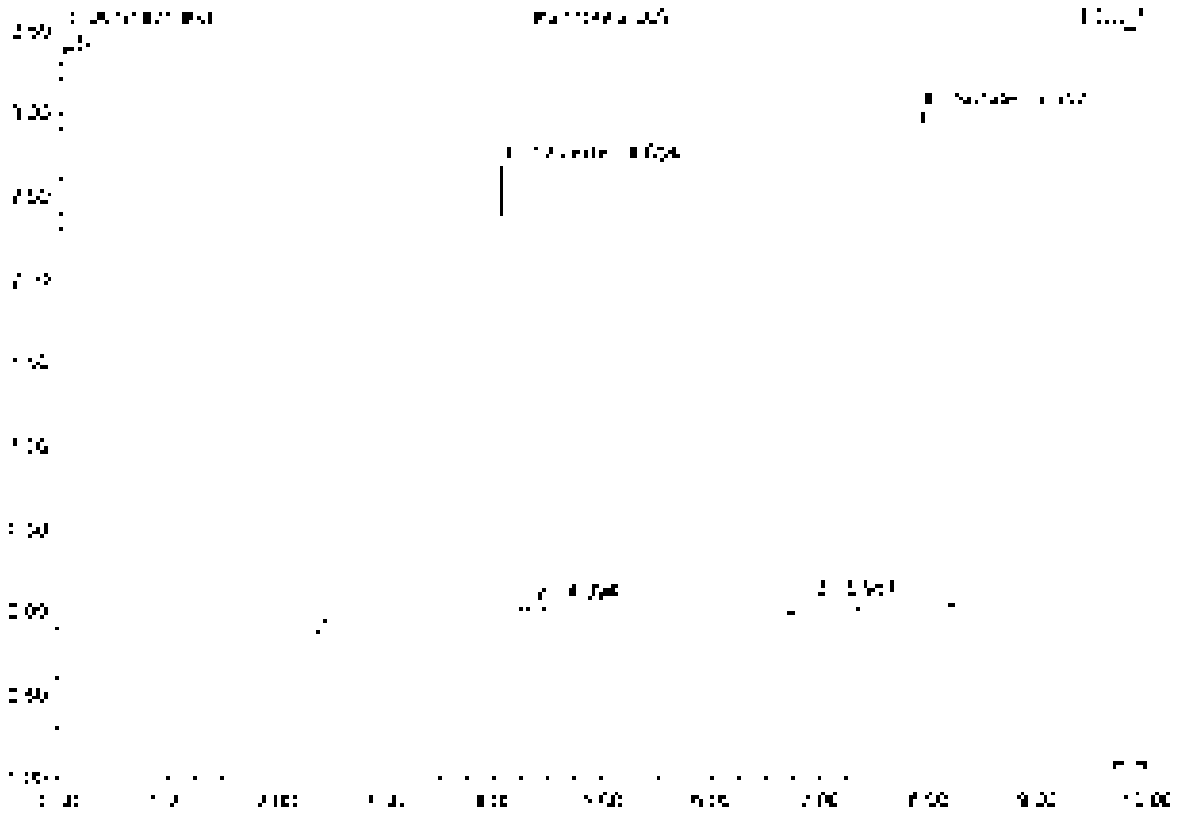
Sample Name	K2110662-009	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	9/14/2021 17:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	2.690	0.251	30.26	2.051	BMB
2	4.39	n.a.	0.052	0.005	0.62	n.a.	BMB
3	6.21	Nitrate	0.070	0.009	0.70	0.000	BMB
4	6.96	n.a.	0.076	0.026	3.03	n.a.	BMB
5	7.92	Sulfate	2.580	0.545	65.61	8.536	BMB
Total:			5.811	0.835	100.00	11.265	

31 K2110662-009

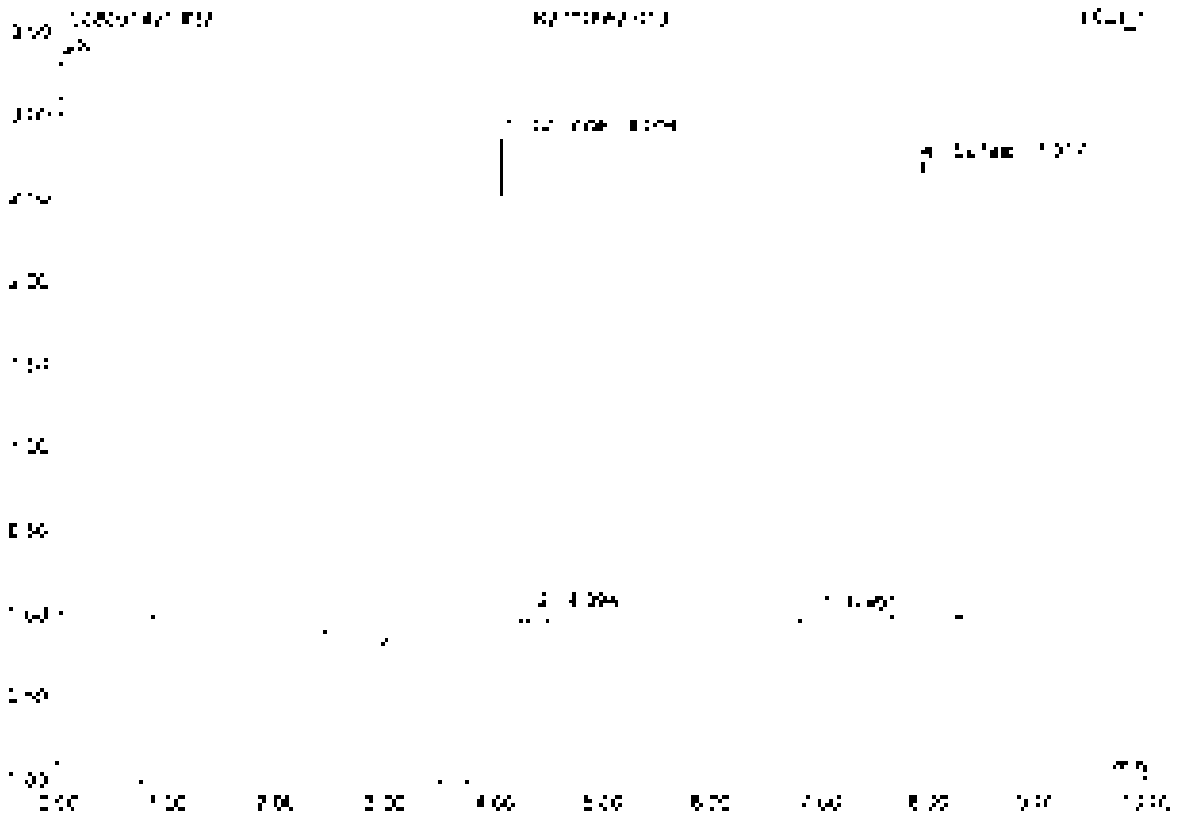
Sample Name	K2110662-009	Injection Volume	25.0
Vial Number	19	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	9/14/2021 17:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	2.690	0.251	30.32	2.767	BMB
2	4.32	n.a.	0.062	0.005	0.62	n.a.	BMB
3	5.36	n.a.	0.070	0.026	3.10	n.a.	BMB
4	7.32	Sulfate	2.589	0.546	65.96	8.596	BMB
Total:			5.401	0.828	100.00	11.363	

32 K2110662-010

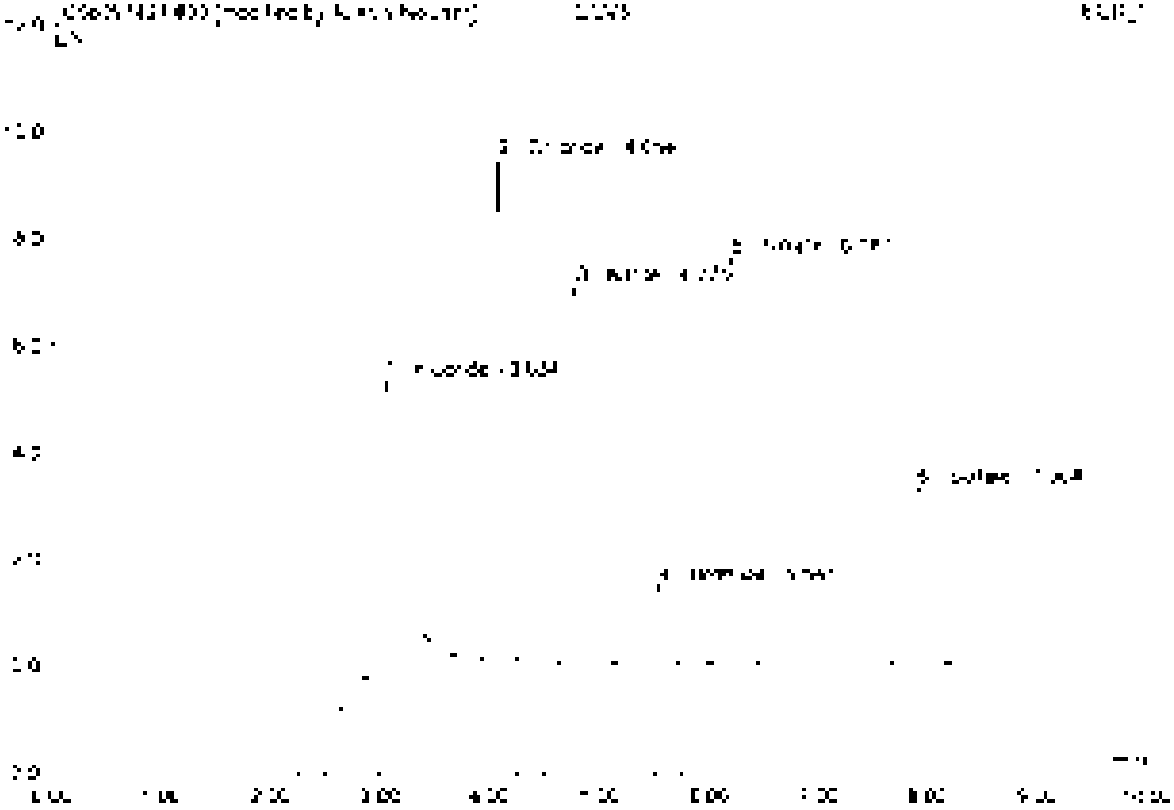
Sample Name	K2110662-010	Injection Volume	25.0
Multiplier	20	Channel	ECD 1
Sample Type	Unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	5/14/2021 17:46	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.65	Chlordane	2.322	0.274	28.15	2.957	BMB
2	4.79	n.a.	0.064	0.007	0.82	n.a.	BMB
3	6.95	n.a.	0.058	0.017	2.11	n.a.	BMB
4	7.92	Sulfur	2.338	0.504	62.91	7.846	BMB
Total:			5.782	0.801	100.00	10.845	

33 CCV3

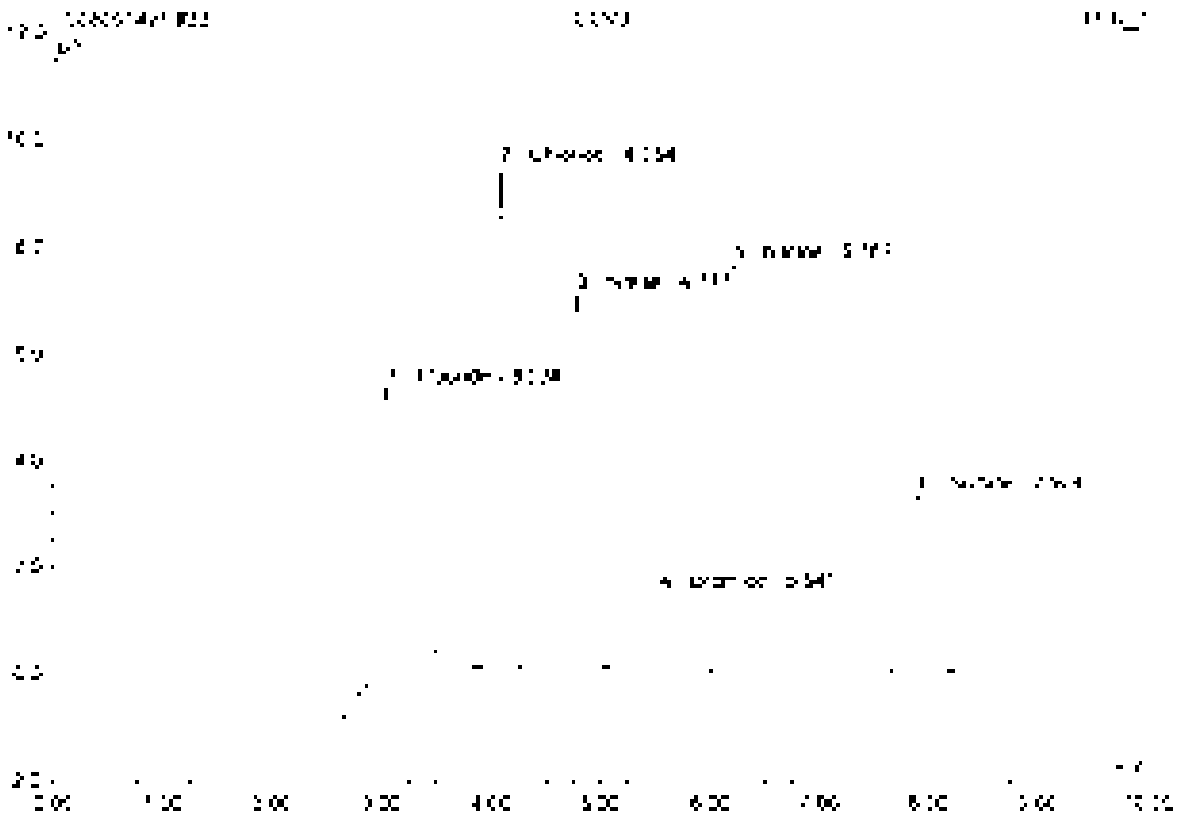
Sample Name	CCV3	Injection Volume	33 µl
Vial Number	46	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Peak width	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/14/2021 17:58	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	5 495	1 155	24 79	5 781	BV9*
2	4 05	Chloride	9 390	0 850	17 91	4 704	BV9*
3	4 [illegible]	Nitrite	7 055	0 915	19 13	2 574	BV9*
4	5 54	Bromide	1 456	0 177	3 70	2 455	BM0
5	6 19	Nitrate	7 620	1 050	21 94	9 080	BV0
6	7 30	Sulfate	3 308	0 602	12 68	4 844	BV9
Total:			34 329	4 754	100 00	22 885	

33 CCV3

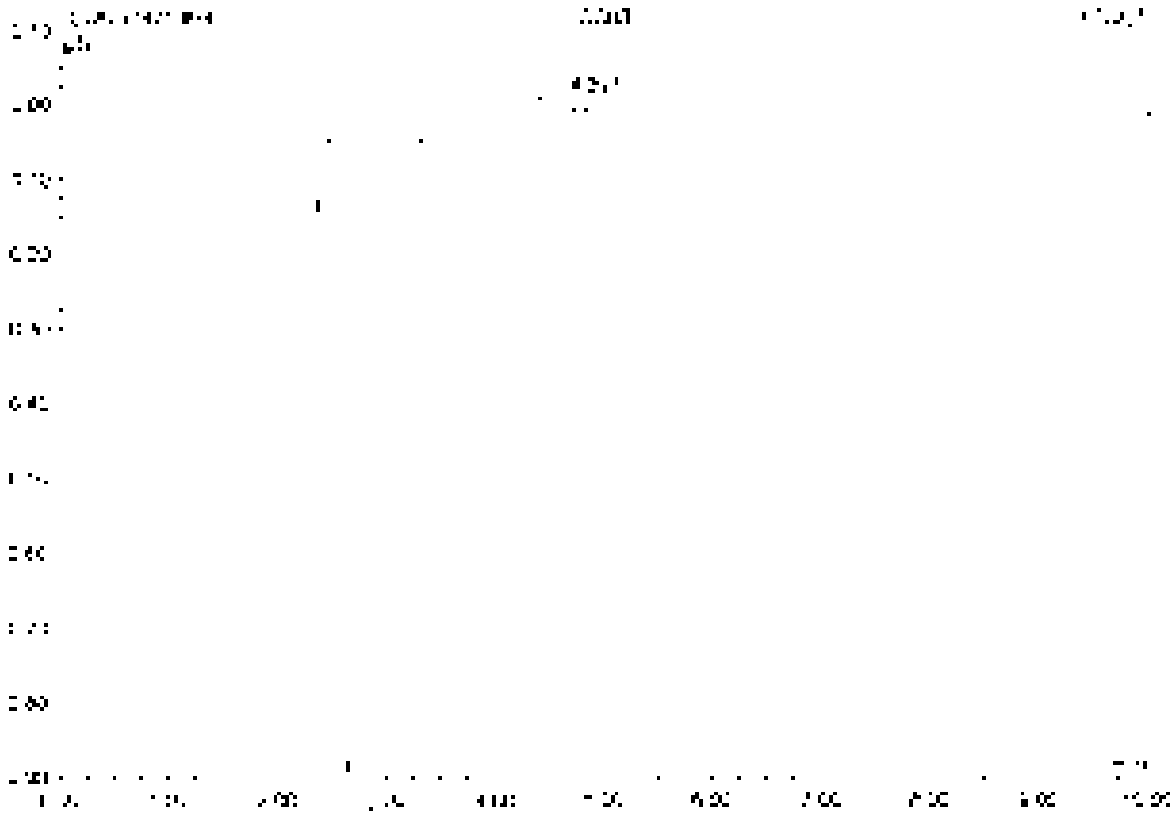
Sample Name	CCV3	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/14/2021 17:56	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.52	Fluoride	5.534	1.240	25.70	5.554	BMB
2	4.55	Chloride	5.393	0.855	17.60	4.584	cMB
3	5.77	Nitrite	7.035	0.503	10.38	2.527	BMB
4	5.94	Bromide	7.456	0.177	3.65	0.945	BVB
5	6.19	Nitrate	7.520	1.052	21.65	5.330	BVB
6	7.90	Sulfate	3.305	0.637	13.01	4.544	BVB
Total:			34.339	4.858	100.00	22.493	

34 CCB3

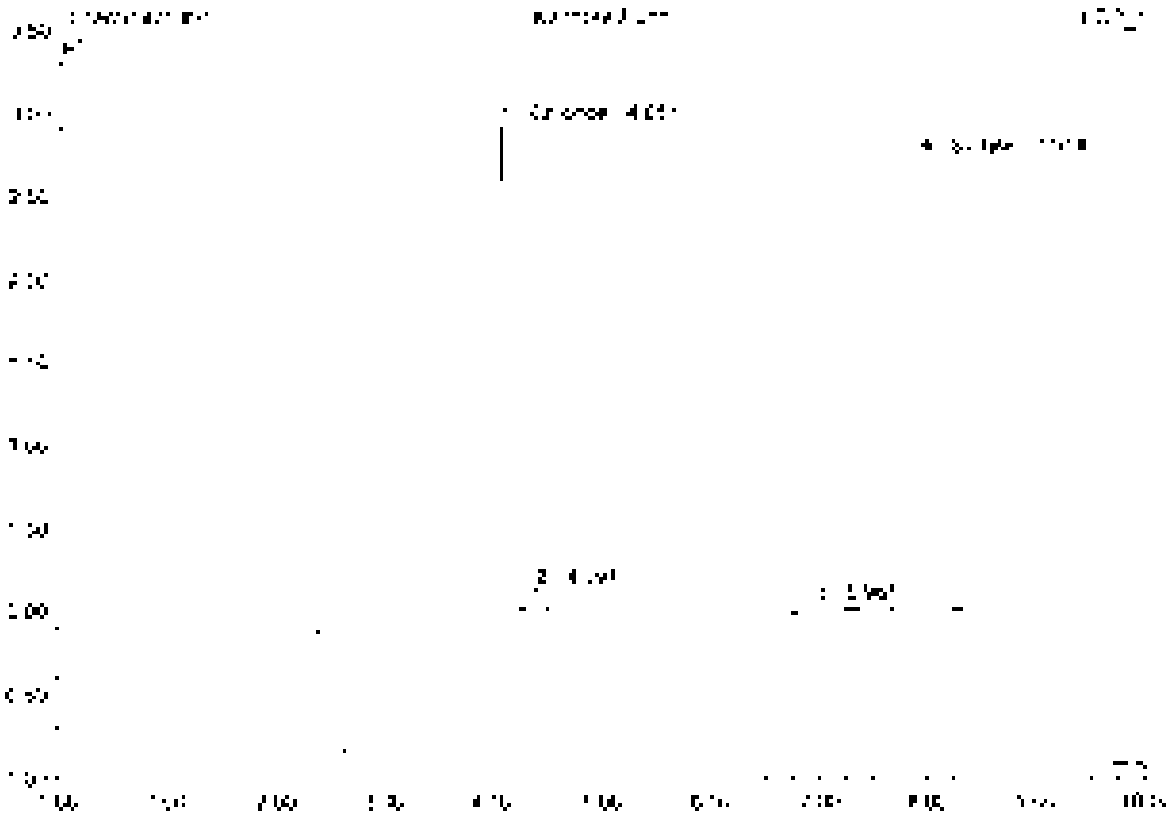
Sample Name	CCB3	Injection Volume	35.0
Vial Number	47	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	9/14/2021 18:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.09	n.a.	0.596	3.385	100.00	n.a.	BMB
Total			0.596	3.385	100.00	0.000	

35 K2110662-011

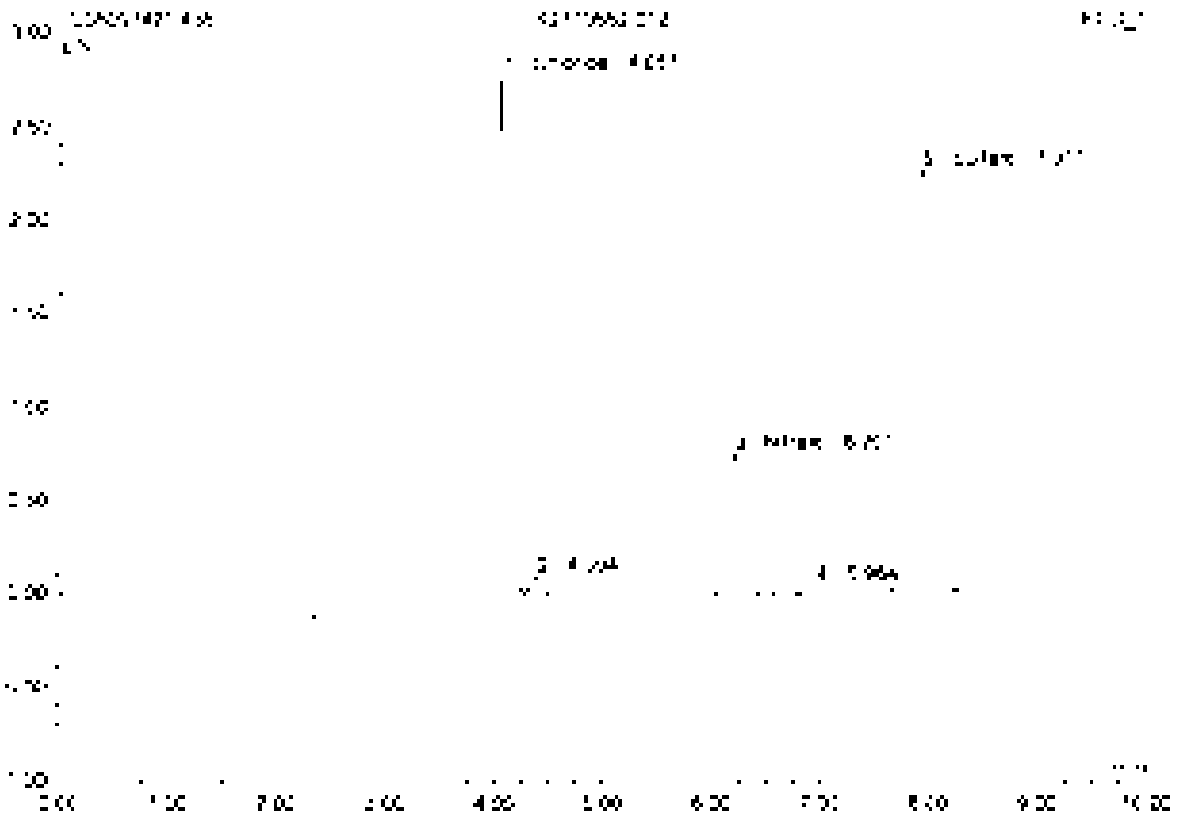
Sample Name	K2110662-011	Injection Volume	25.0
Vial Number	21	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Processing Time	5/14/2021 15:20	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	2.515	0.270	35.55	2.950	BMB
2	4.37	n.a.	0.037	0.014	1.74	n.a.	BMB
3	5.06	n.a.	0.066	0.019	2.38	n.a.	BMB
4	7.31	Sulfate	2.725	0.503	62.04	7.759	BMB
Total:			1.854	0.806	100.00	10.709	

36 K2110662-012

Sample Name	K2110662-012	Injection Volume	25.0
Vial Number	36	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	9/14/2021 18:32	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

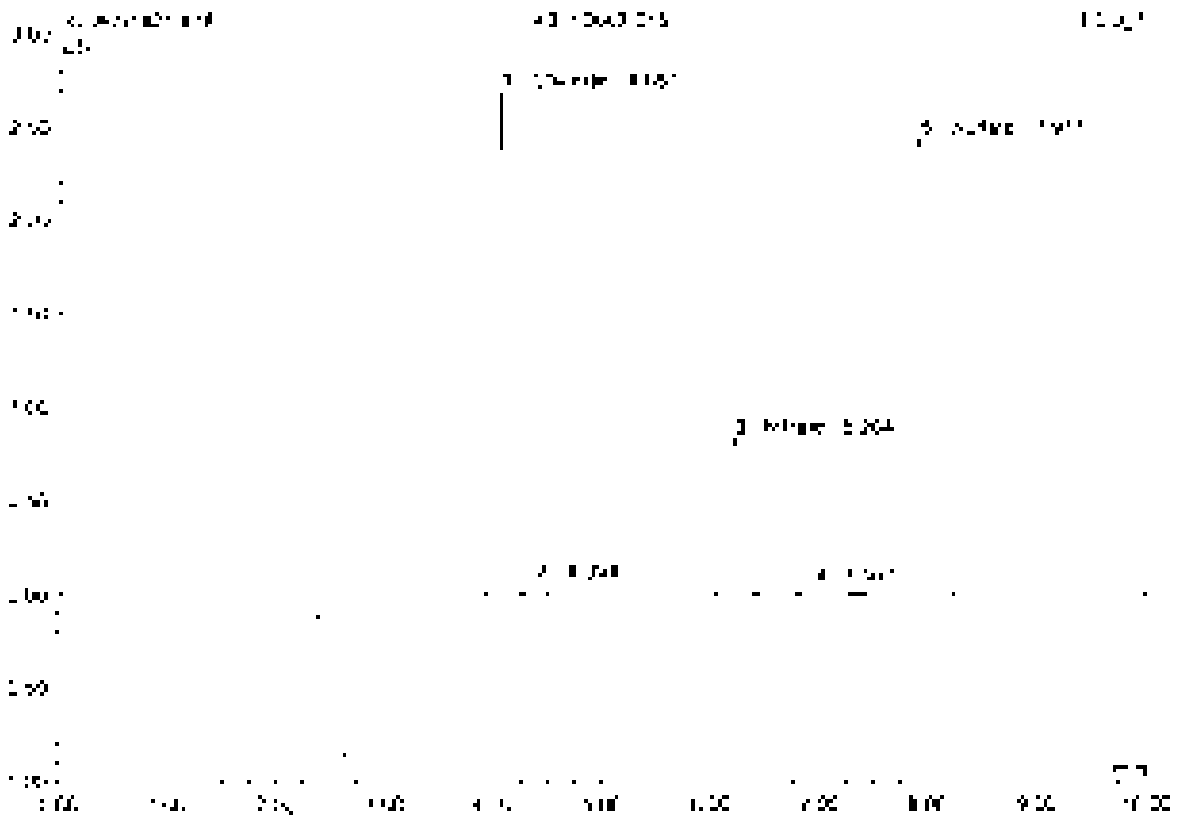


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.777	0.259	31.96	0.833	BV[illegible]
2	4.39	n.a.	0.002	0.005	1.14	n.a.	BV[illegible]
3	6.20	Nitrate	0.752	0.107	13.24	0.404	BMB
4	6.95	n.a.	0.051	0.018	2.18	n.a.	BMU
5	7.9[illegible]	Sulfate	0.269	0.415	51.46	0.475	BMU
Total:			0.830	0.805	100.00	0.706	

Operator: AI K:\Chromeleon\Projects\Sequences\IC08\IC08\IC08\2021\IC08\2021\IC08\2021

38 K2110662-015

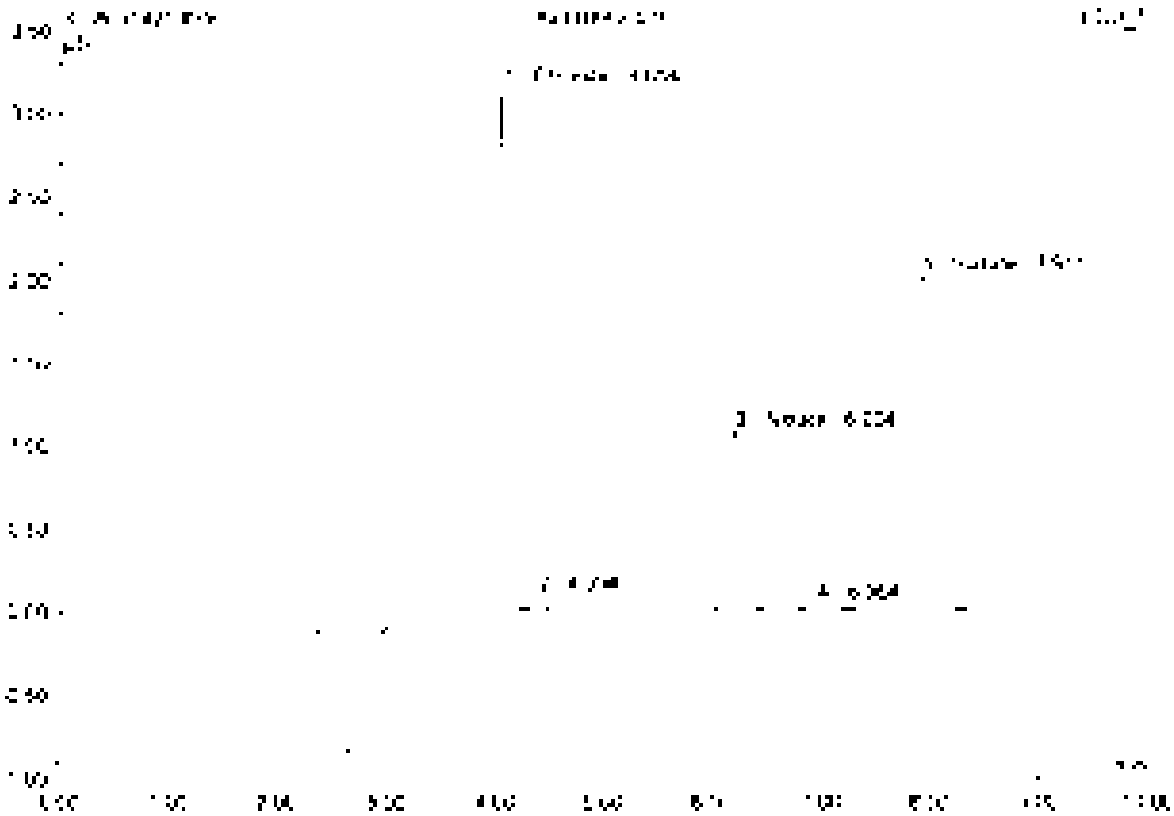
Sample Name	K2110662-015	Injection Volume	25.0
Vial Number	38	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	9/14/2021 10:55	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	2.050	0.251	29.69	2.051	BMD
2	4.39	n.a.	0.062	0.006	0.74	n.a.	BMB
3	5.20	Nitrate	0.238	0.120	14.23	0.641	BMB
4	6.37	n.a.	0.048	0.017	2.05	n.a.	BMB
5	[illegible]	Sulfate	2.835	0.465	55.09	6.945	BMB
Total:			5.271	0.843	100.00	10.232	

39 K2110652-016

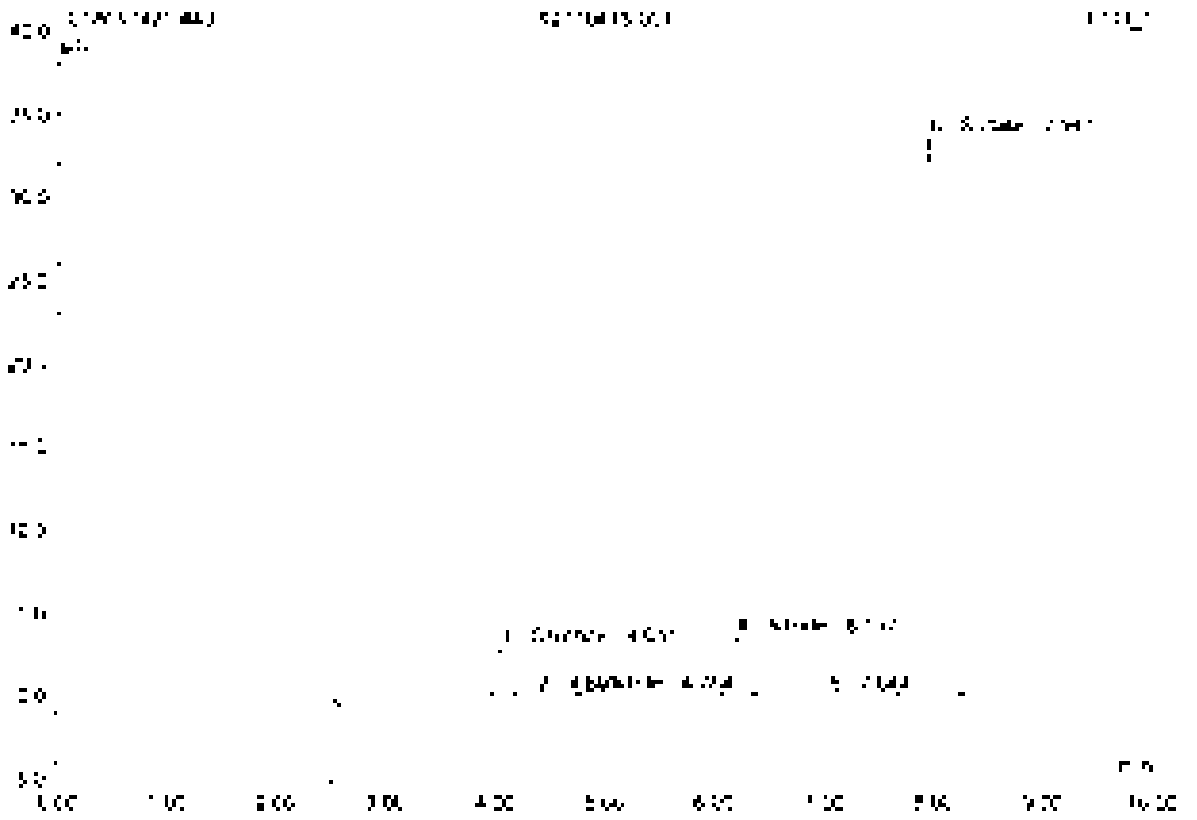
Sample Name	K2110652-016	Injection Volume	25.0
Vial Number	25	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	9/14/2021 11:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.145	0.252	34.72	0.204	BMB
2	4.39	n.a.	0.052	0.070	9.15	n.a.	BMB
3	6.20	Nitrate	1.076	0.154	18.32	0.666	BMB
4	6.56	n.a.	0.048	0.014	1.72	n.a.	BMB
5	7.91	Sulfate	2.008	0.371	44.09	0.783	BMB
Total:			3.376	0.842	100.00	1.655	

40 K2110475-001

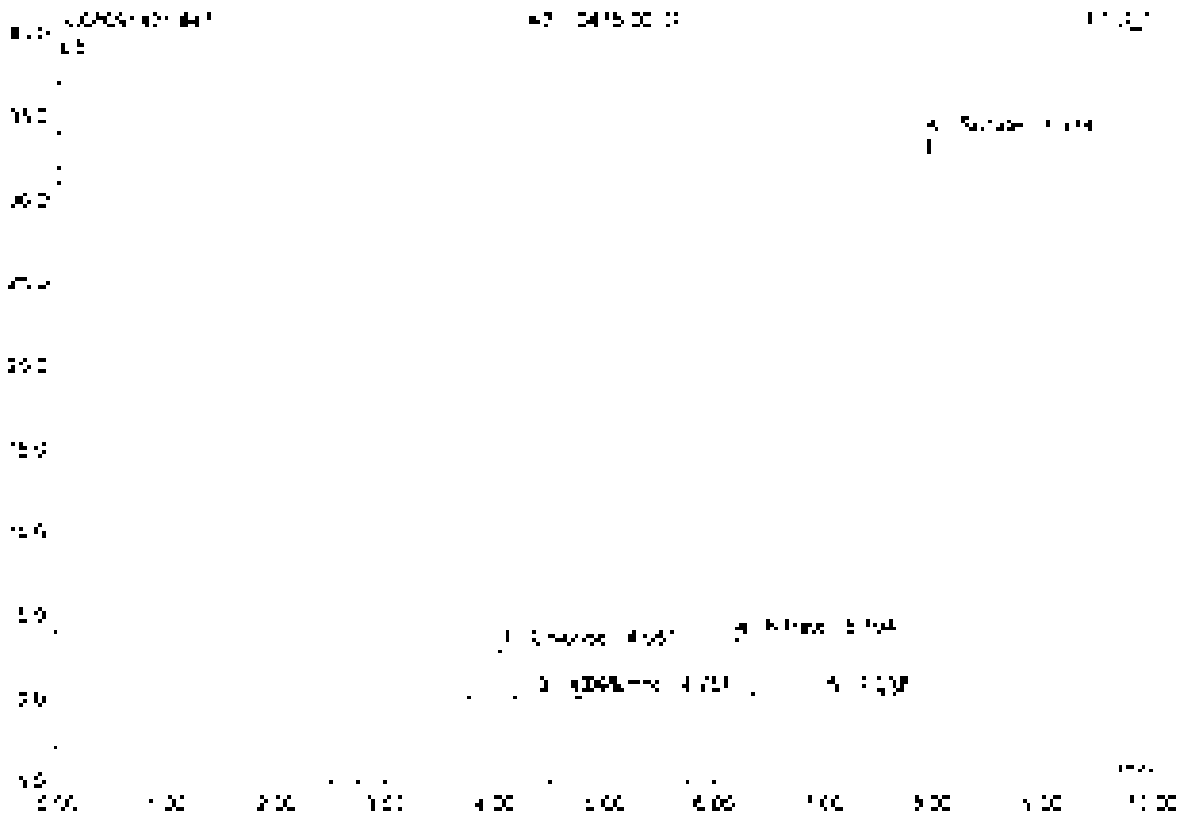
Sample Name	K2110475-001	Injection Volume	35.0
Vial Number	38	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	9/14/2021 19:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chlorine	2.937	0.272	4.31	2.992	BMB
2	4.38	n.a.	0.085	0.007	0.10	n.a.	BMB
3	4.76	Nitrite	0.085	0.011	0.17	0.064	BMB
4	6.20	Nitrate	3.563	0.501	7.37	2.979	BMB
5	7.35	n.a.	0.072	0.007	0.10	n.a.	BMB
6	7.94	Sulfate	33.817	6.006	88.24	52.513	BMB
Total:			40.297	6.805	100.00	58.035	

41 K2110475-001D

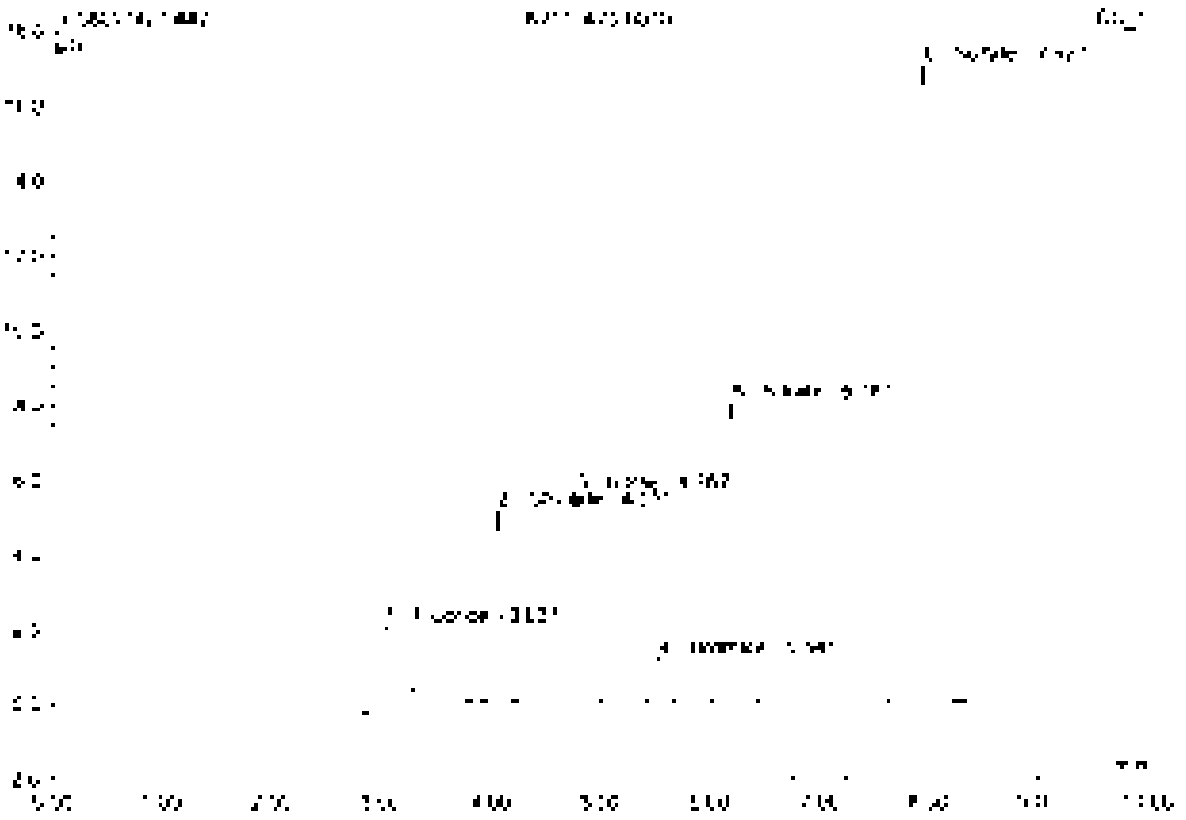
Sample Name	K2110475-001D	Injection Volume	25.0
Vial Number	37	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	9/14/2021 19:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	2.940	0.274	4.07	2.497	BMB
2	4.39	n.a.	0.072	0.007	0.11	n.a.	BMB
3	4.76	Nitrite	0.050	0.012	0.18	0.070	BMB
4	6.19	Nitrate	0.571	0.150	2.23	2.277	BMB
5	7.24	n.a.	0.018	0.005	0.08	n.a.	BMB
6	7.93	Sulfate	33.651	6.016	89.34	53.658	BMB
Total:			40.347	6.318	100.00	59.012	

42 K2110475-001S

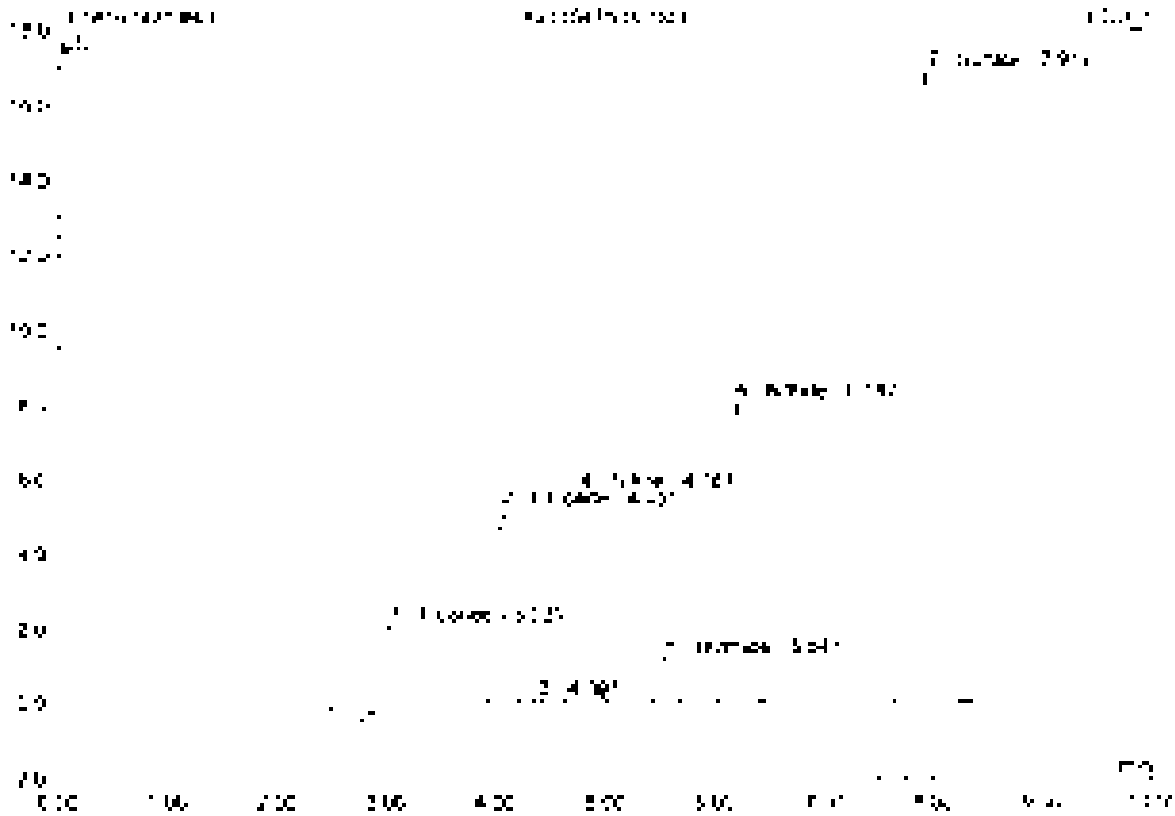
Sample Name	K2110475-001S	Injection Volume	25.0
Vial Number	38	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a
Control Program	epa300	Bandwidth	n.a
Control Method	epa300	Dilution Factor	4.0000
Recording Time	9/14/2021 19:41	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	2.313	0.571	9.33	[illegible]	BMB
2	4.05	Chloride	5.153	0.845	7.77	[illegible]	BMB
3	4.72	Nitrite	5.507	0.716	11.70	[illegible]	BMB
4	5.54	Bromide	1.152	0.146	2.38	[illegible]	BMB
5	6.19	Nitrate	8.044	1.117	18.25	[illegible]	BMB
6	7.97	Sulfate	17.032	3.036	49.56	[illegible]	BMB
Total:			39.320	6.131	100.00	[illegible]	

43 K2110475-001SD

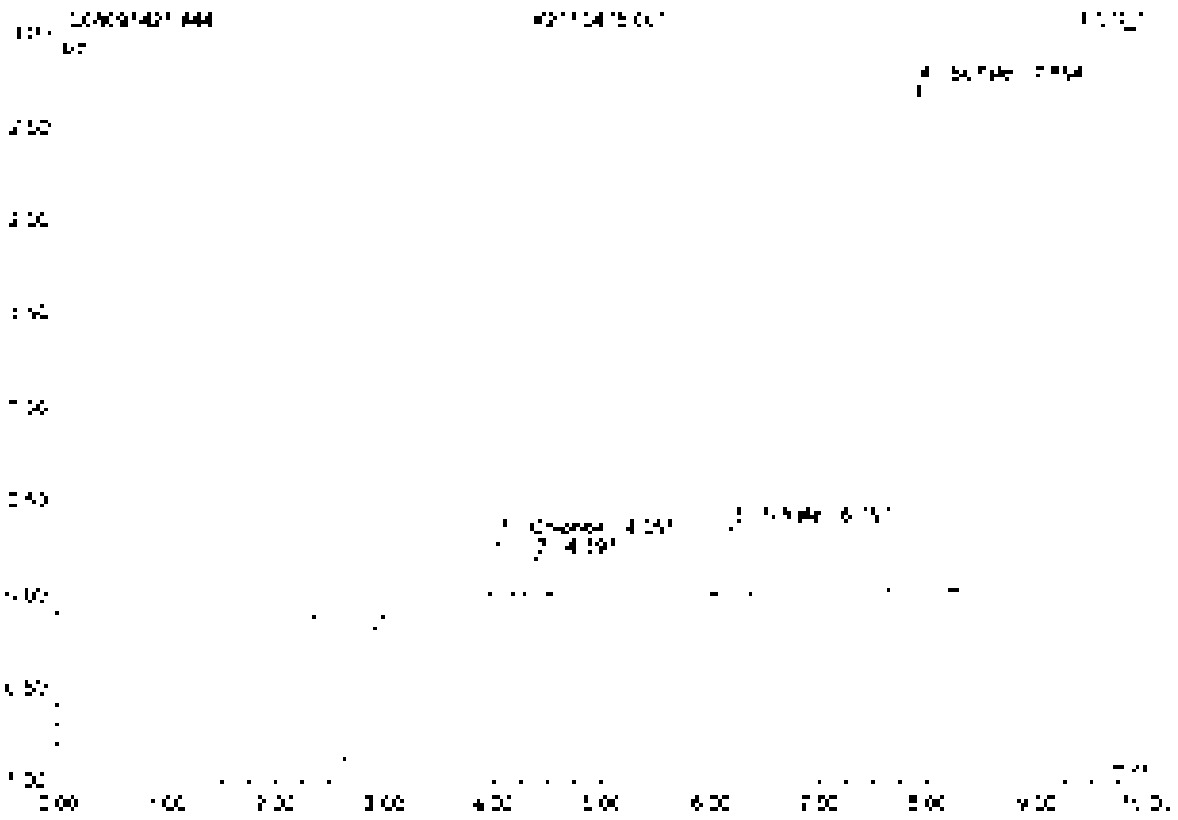
Sample Name	K2110475-001SD	Injection Volume	25.0
Vial Number	29	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Control Method	wpa300	Dilution Factor	4.0000
Recording Time	9/14/2021 19:34	Sample Weight	1.0000
Run Time (min)	40.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	2.317	0.565	9.34	10.129	BMB
2	4.05	Chloride	5.163	0.476	7.82	30.475	BVB
3	4.38	n.a.	0.068	0.007	0.11	n.a.	BMB
4	4.77	Nitrite	5.626	0.719	11.80	8.056	BMB
5	5.54	Bromide	4.186	0.146	2.39	7.593	BMB
6	6.19	Nitrate	8.054	1.157	19.12	16.108	BVB
7	7.90	Sulfate	16.858	3.059	50.37	55.257	BVB
Total:			34.273	6.083	100.00	147.895	

44 K2110475-001

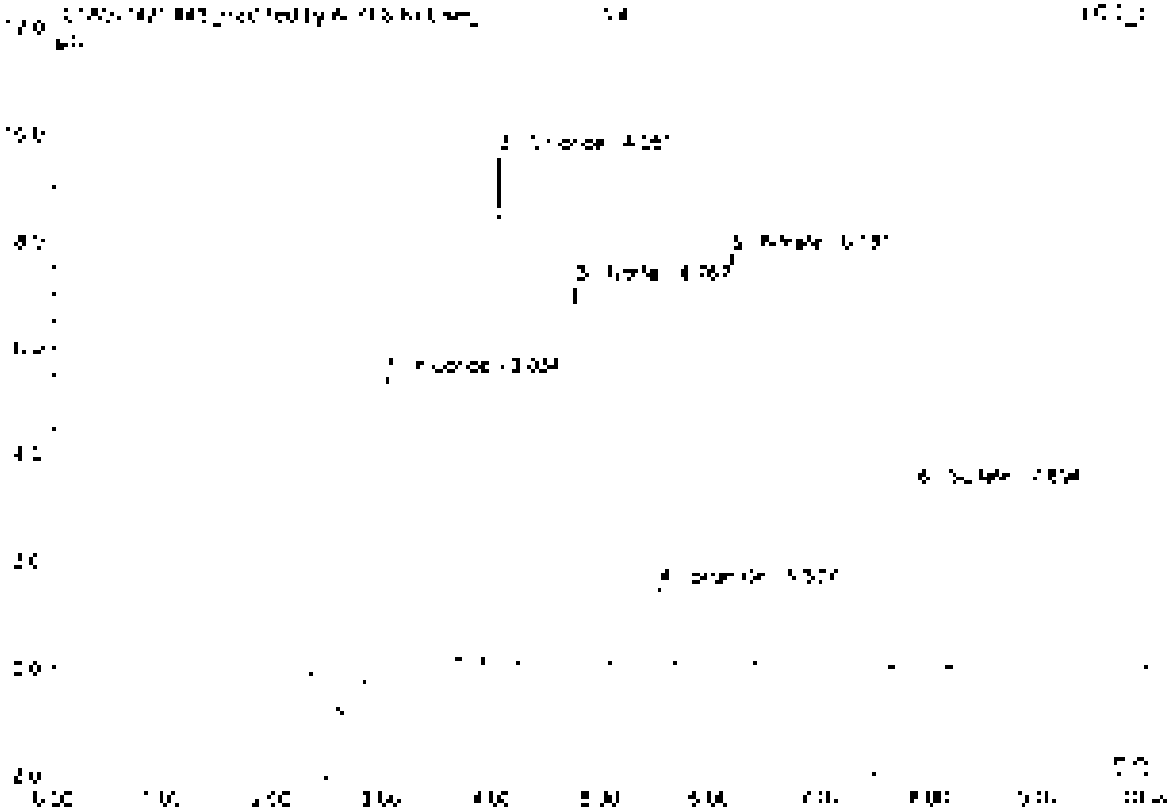
Sample Name	K2110475-001	Injection Volume	25.0
Vial Number	30	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	20.0000
Processing Time	5/14/2021 20:04	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.004	0.029	4.75	[illegible]	BMB
2	4.35	n.a.	0.007	0.021	3.41	n.a.	BV9
3	5.19	Nitrate	0.350	0.051	8.25	2.245	BMB
4	7.59	Sulfate	2.[illegible]	0.512	83.59	25.655	BMB
Total:			3.571	0.612	100.00	28.126	

45 CCV4

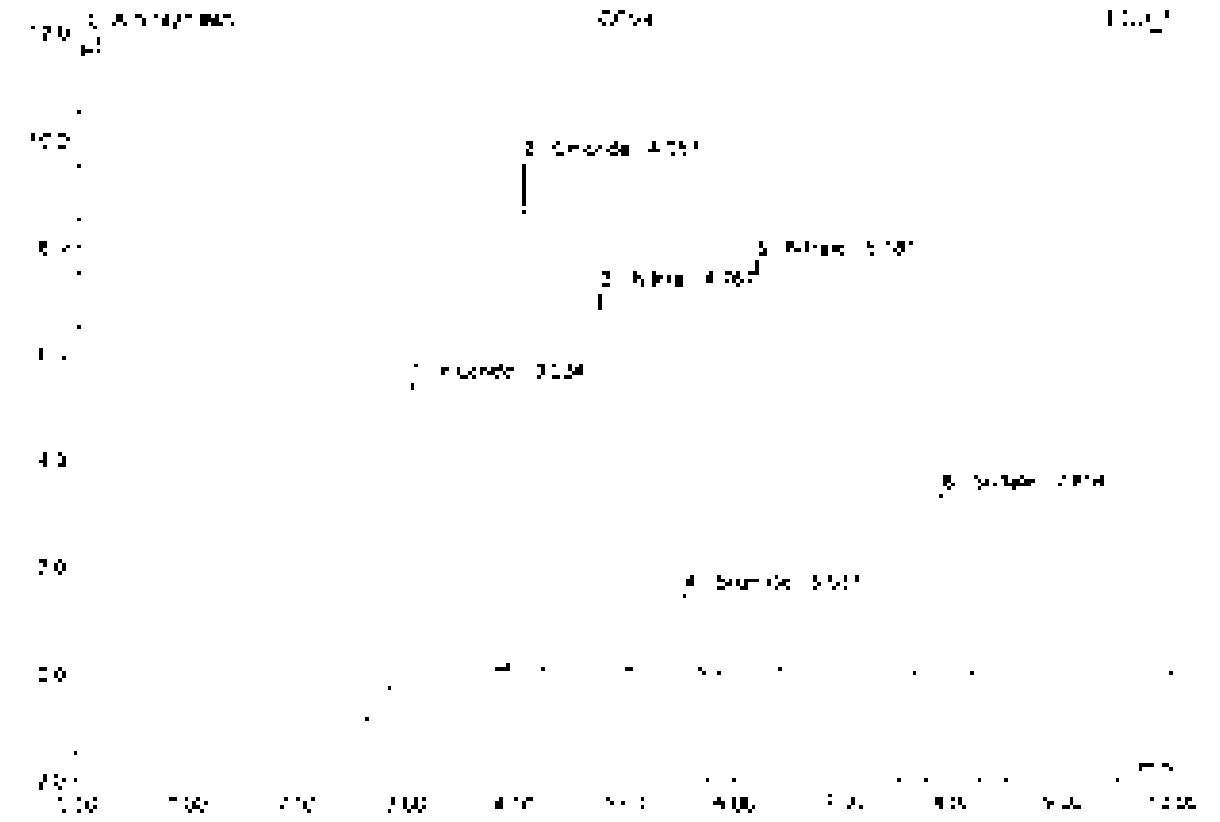
Sample Name	CCV4	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	8/14/2021 20:16	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	5.630	1.202	24.75	5.372	BV01
2	4.05	Chloride	9.526	3.570	73.53	6.265	BV01
3	4.77	Nitrite	7.140	0.972	19.91	2.547	BV01
4	5.94	Bromide	1.478	0.120	3.70	2.444	BV03
5	6.18	Nitrate	7.728	1.065	21.92	2.409	BV01
6	7.89	Sulfate	3.332	0.629	12.90	4.960	BV01
Total:			34.862	4.880	100.00	23.497	

45 CCV4

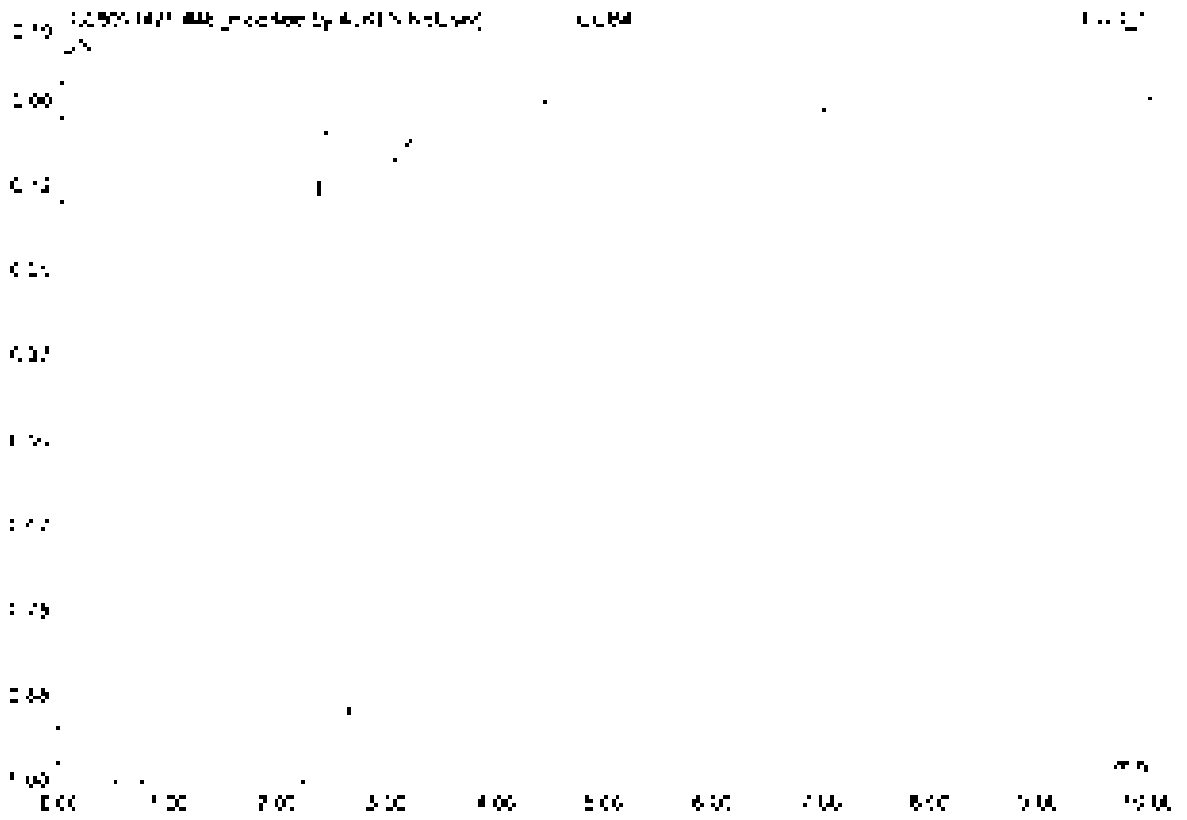
Sample Name	CCV4	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	5/14/2021 20:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.63	Fluoride	5.666	1.279	25.93	5.689	BMB
2	4.05	Chloride	9.520	0.966	19.57	4.746	BMB
3	4.72	Nitrite	7.120	0.912	18.49	2.664	BMB
4	5.54	Bromide	1.478	0.150	3.06	2.444	BMB
5	6.19	Nitrate	7.728	1.065	21.59	2.439	BMB
6	7.89	Sulfate	3.157	0.629	12.76	4.900	BMB
Total			34.867	4.910	100.00	22.741	

46 CCB4

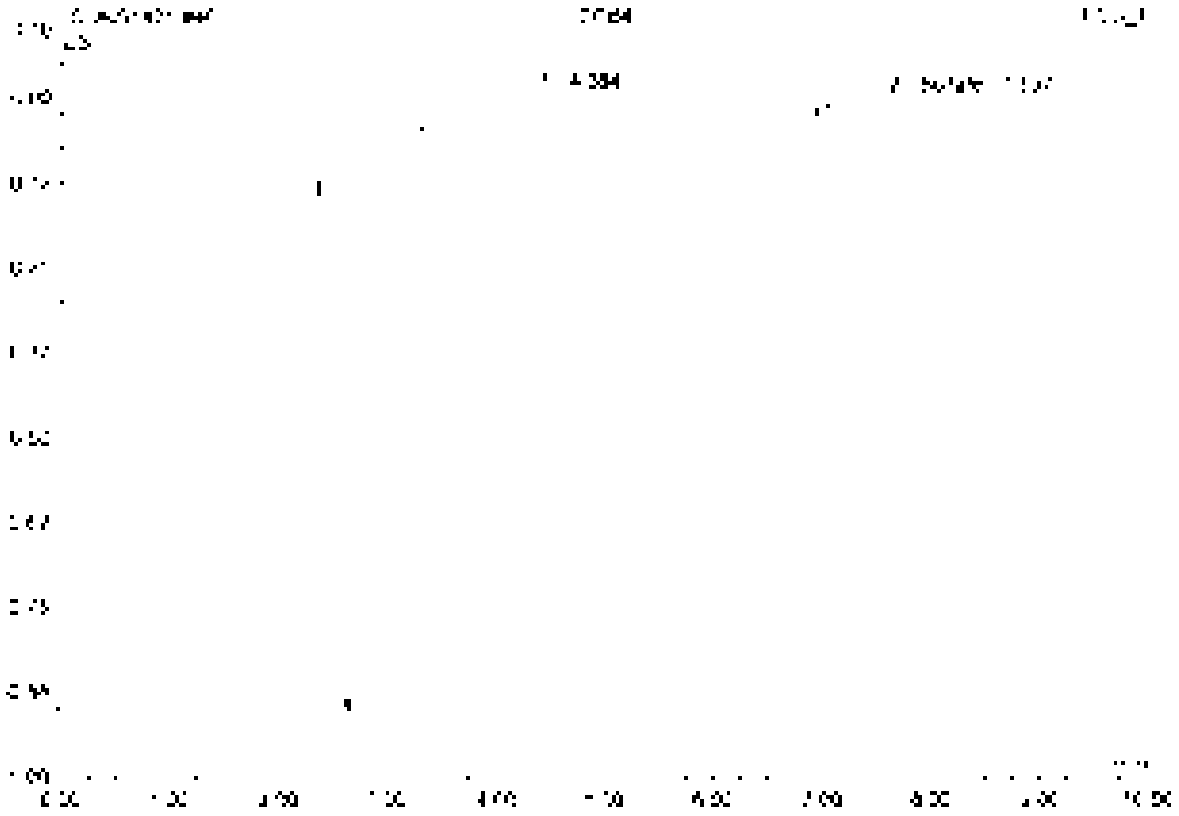
Sample Name	CCB4	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Control Method	spa300	Dilution Factor	1.0000
Recording Time	9/14/2021 20:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total			0.000	0.000	0.00	0.000	

46 CCB4

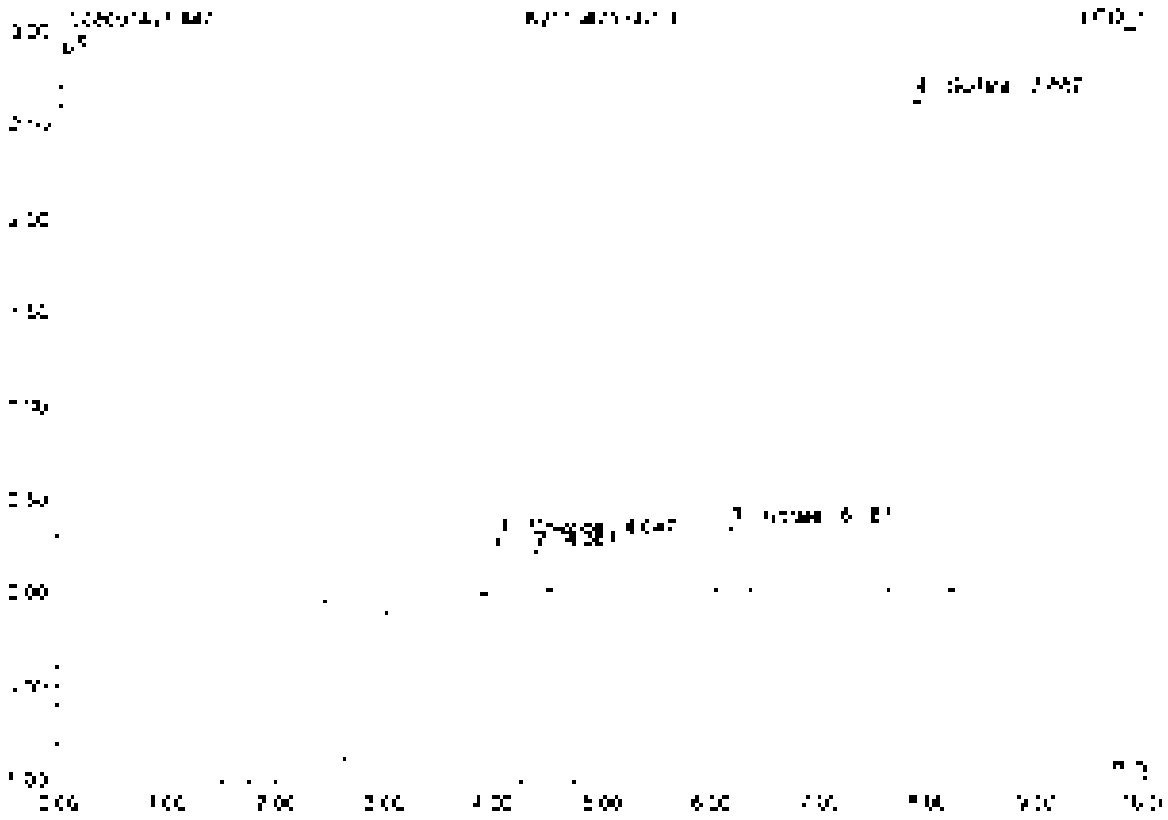
Sample Name	CCB4	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Date	[illegible]21 10:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.08	n.g.	0.550	[illegible]	99.61	[illegible]	BV8
2	7.60	S. [illegible]	0.011	0.007	0.39	0.056	eV9
Total			0.561	1.750	100.00	0.056	

47 K2110475-001D

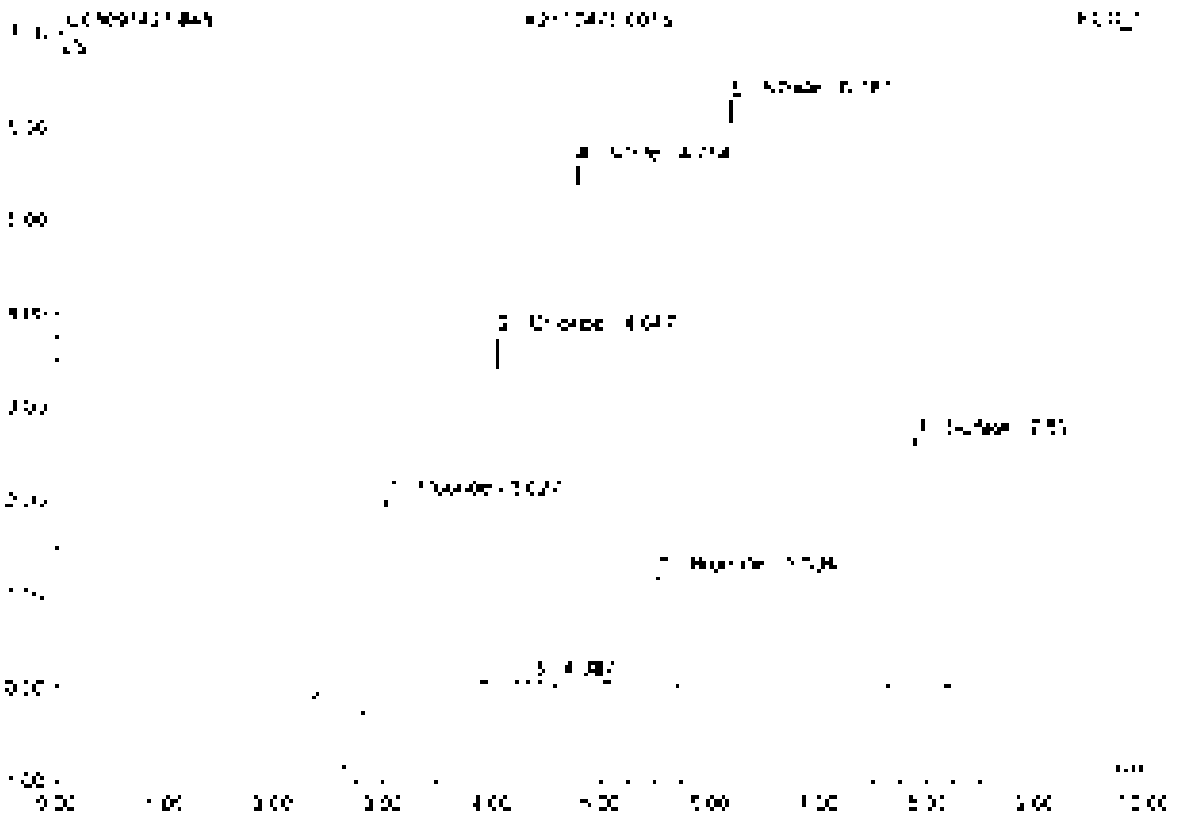
Sample Name:	K2110475-001D	Injection Volume:	25.0
Vial Number:	31	Channel:	ECD 1
Sample Type:	unknown	Wavelength:	n.a.
Calibration Program:	epa300	Bandwidth:	n.a.
Quant Method:	epa300	Dilution Factor:	10.0000
Recording Time:	8/14/2021 20:40	Sample Weight:	1.0000
Run Time (min):	10.00	Sample Amount:	1.0000



No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.55	[illegible]	0.294	0.028	4.70	3.577	BMB
2	4.39	n.a.	0.220	0.024	4.00	n.a.	SVB
3	6.19	Nitrate	0.488	0.048	8.00	2.172	BMB
4	7.85	Sulfate	2.643	0.497	83.24	77.643	BMB
Total:			3.587	0.598	100.00	82.583	

48 K2110476-001S

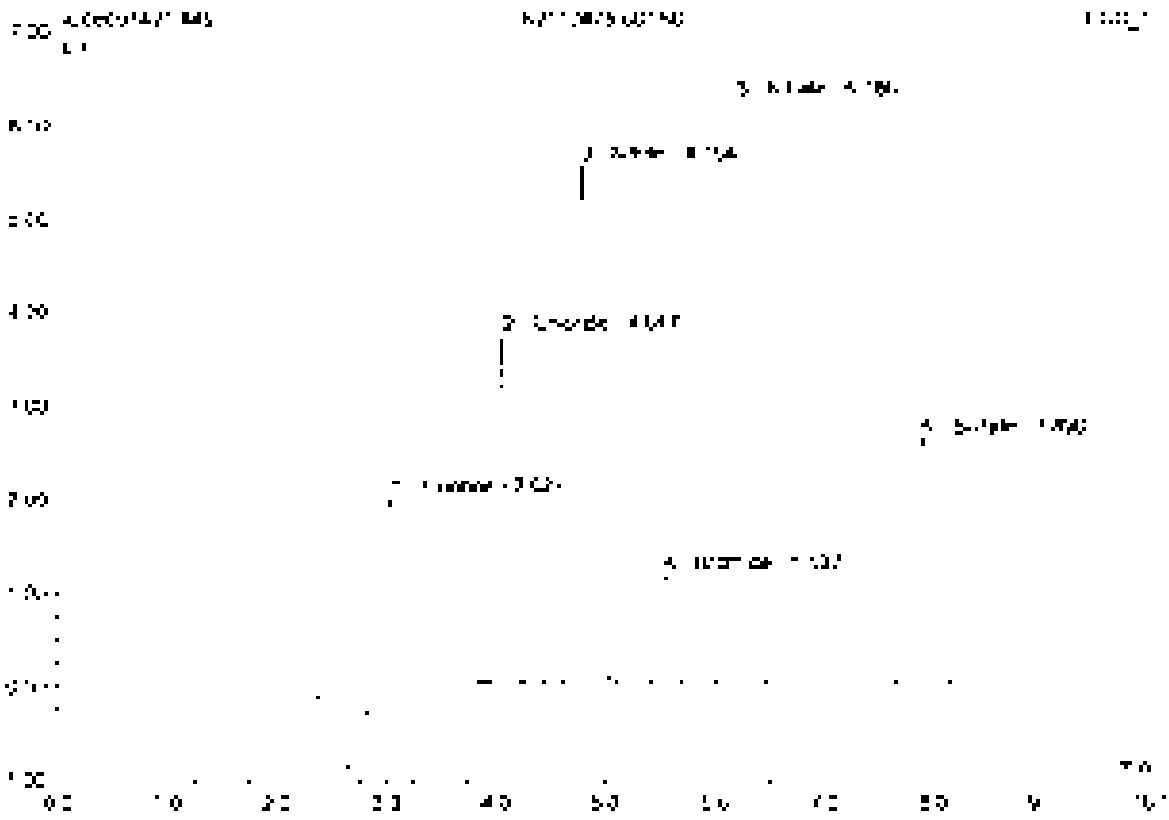
Sample Name	K2110475-001S	Injection Volume	25.0
Vial Number	32	Column	ECD 1
Sample Type	unknown	Wavelength	n.a
Control Program	epa300	Bandwidth	n.a
Quantit. Method	epa300	Dilution Factor	40.0000
Acquisition Time	9/14/2021 20:51	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.00	Fluoride	2.266	0.566	18.04	100.626	BV5
2	4.05	Chloride	3.729	0.345	11.00	75.546	BMB
3	4.39	n.a	0.052	0.005	0.17	n.a	BMB
4	4.76	Nitrite	5.554	0.709	22.62	159.420	BMB
5	5.53	Bromide	1.194	0.145	4.62	78.540	BMB
6	6.15	Nitrate	5.270	0.868	27.67	75.936	BMB
7	7.89	Sulfate	2.645	0.438	13.88	155.066	BMB
Total:			21.202	3.135	100.00	567.718	

49 K2110475-001SD

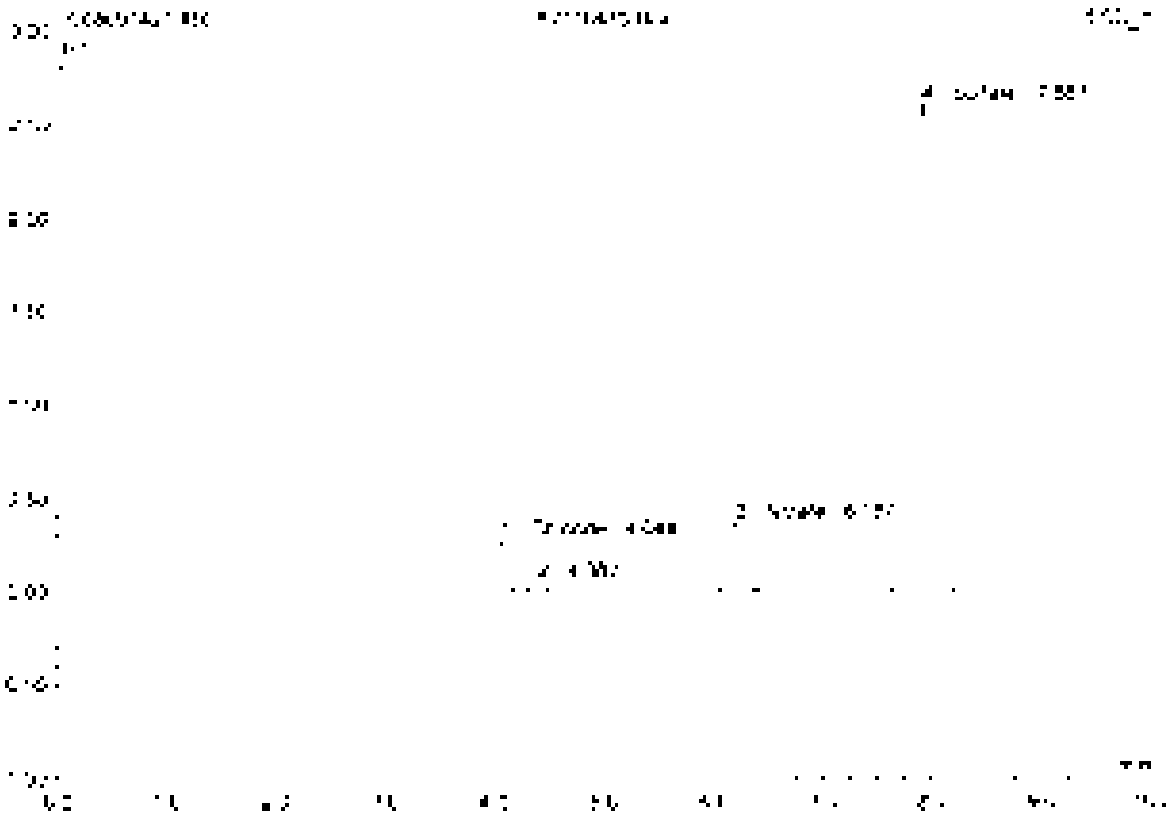
Sample Name	K2110475-001SD	Injection Volume	25.0
Vial Number	33	Channel	ECD 1
Sample Type	Unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant Method	wpa300	Dilution Factor	40.0000
Recording Time	9/14/2021 21:03	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	3.33	Fluoride	2.261	0.563	19.04	130.241	BMB
2	4.31	Chloride	3.724	0.345	11.03	75.405	BVB
3	4.76	Nitrite	5.589	3.308	22.58	154.317	BVB
4	5.54	Bromide	1.183	0.146	4.61	32.158	BVB
5	5.13	Nitrate	6.265	3.986	27.71	78.349	BVB
6	7.85	Sulfate	2.642	0.457	15.91	154.725	BVB
Total:			21.614	8.720	100.00	586.496	

50 K2110475-002

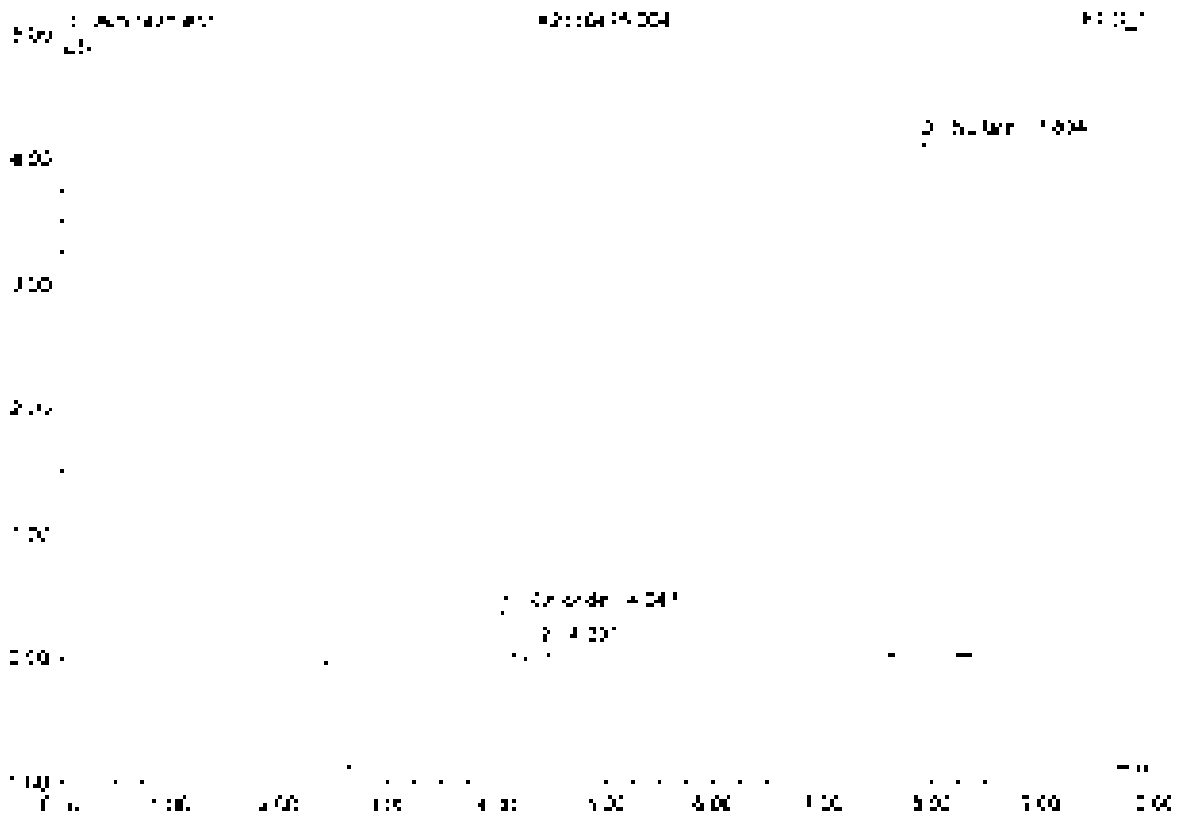
Sample Name	K2110475-002	Injection Volume	25.0
Vial Number	34	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	20.0000
Recording Time	8/14/2021 21:46	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	0.282	0.025	4.60	2.877	BMB
2	4.35	[illegible]	0.052	0.005	0.95	[illegible]	BMB
3	5.18	Nitrate	0.063	0.012	2.03	2.332	BMB
4	7.59	Sulfate	2.596	0.487	85.42	75.589	BMB
Total:			2.793	0.571	100.00	81.098	

51 K2110475-004

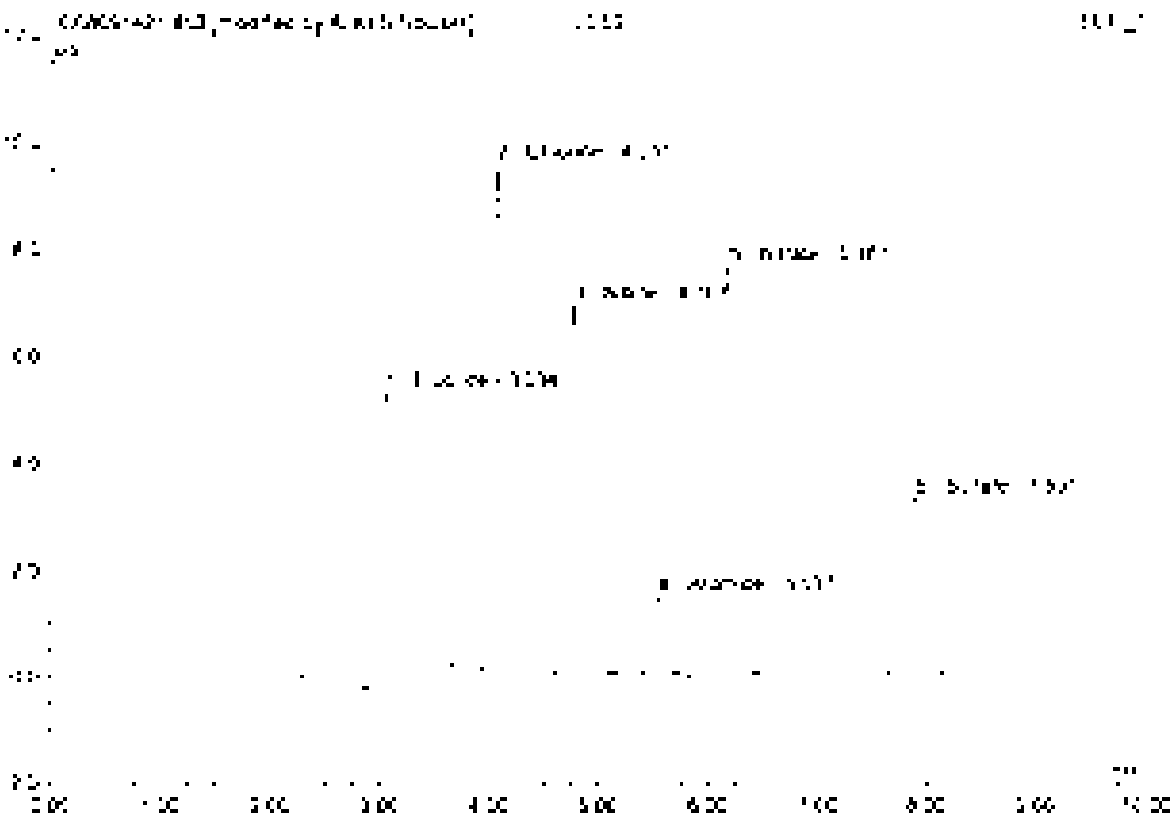
Sample Name	K2110475-004	Injection Volume	35.0
Vial Number	35	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	10.0000
Recording Time	[illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.075	0.035	4.28	[illegible]	BMB
2	4.39	[illegible]	0.095	0.010	1.20	[illegible]	BMB
3	7.89	Sulfate	4.141	0.778	94.54	60.587	BVB
Total:			4.311	0.823	100.00	62.507	

52 LCS2

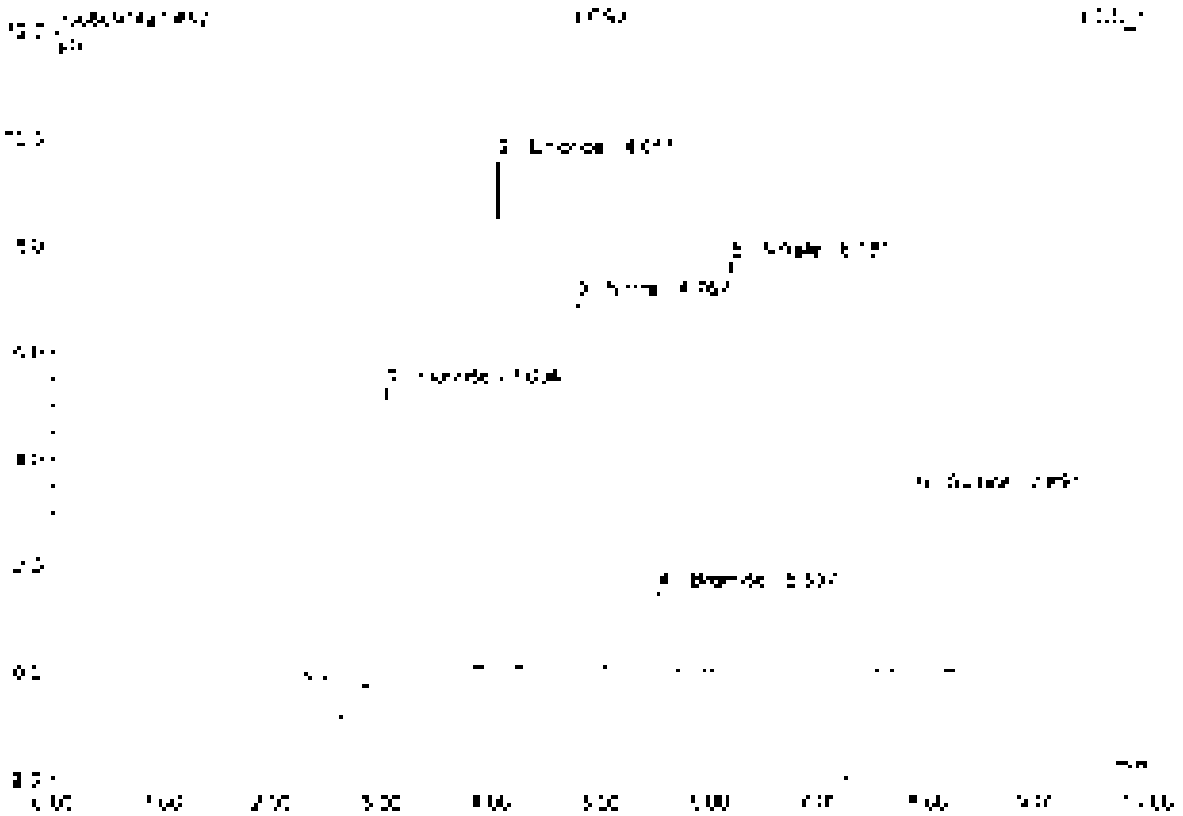
Sample Name	LCS2	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	01/4/2021 23:00	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	5.198	1.167	24.37	[illegible]	BV#1
2	4.55	Chloride	9.517	0.869	18.12	4.762	BV#1
3	4.77	Nitrite	6.517	0.959	19.74	2.516	BV#1
4	5.54	Bromide	1.479	0.181	3.76	2.647	BV#1
5	6.18	Nitrate	7.661	1.055	22.00	2.352	BV#1
6	7.29	Sulfate	3.328	0.626	13.05	4.537	BV#1
Total:			34.432	4.797	100.00	22.174	

52 LCS2

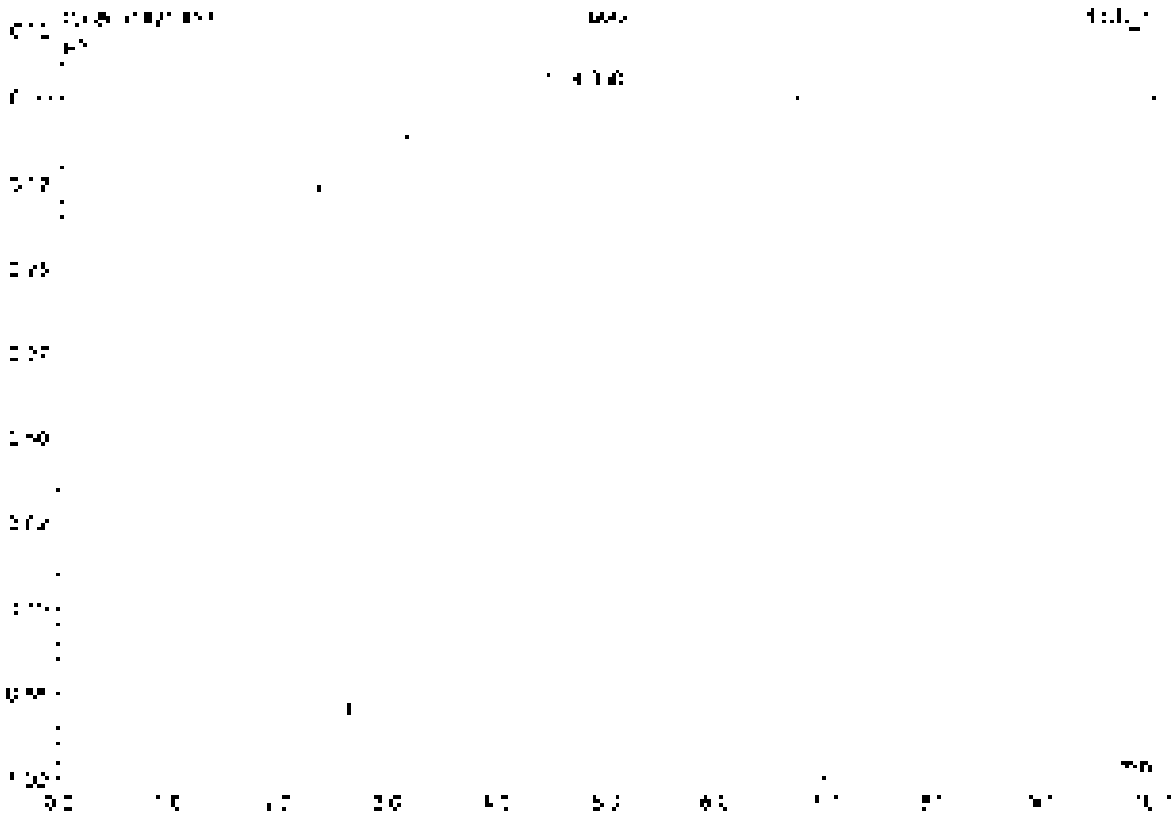
Sample Name	LCS2	Injection Volume	26.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Syringe Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/14/2021 21:36	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	5.535	[illegible]	25.83	5.512	BMB
2	4.05	Chloride	9.511	[illegible]	[illegible]	4.745	BMB
3	4.77	Nitrite	6.900	[illegible]	18.14	2.470	BMB
4	5.54	Bromide	[illegible]	[illegible]	3.71	2.447	BMB
5	[illegible]	Nitrate	7.561	[illegible]	[illegible]	2.388	BMB
6	[illegible]	Sulfate	3.322	[illegible]	[illegible]	4.272	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

53 MB2

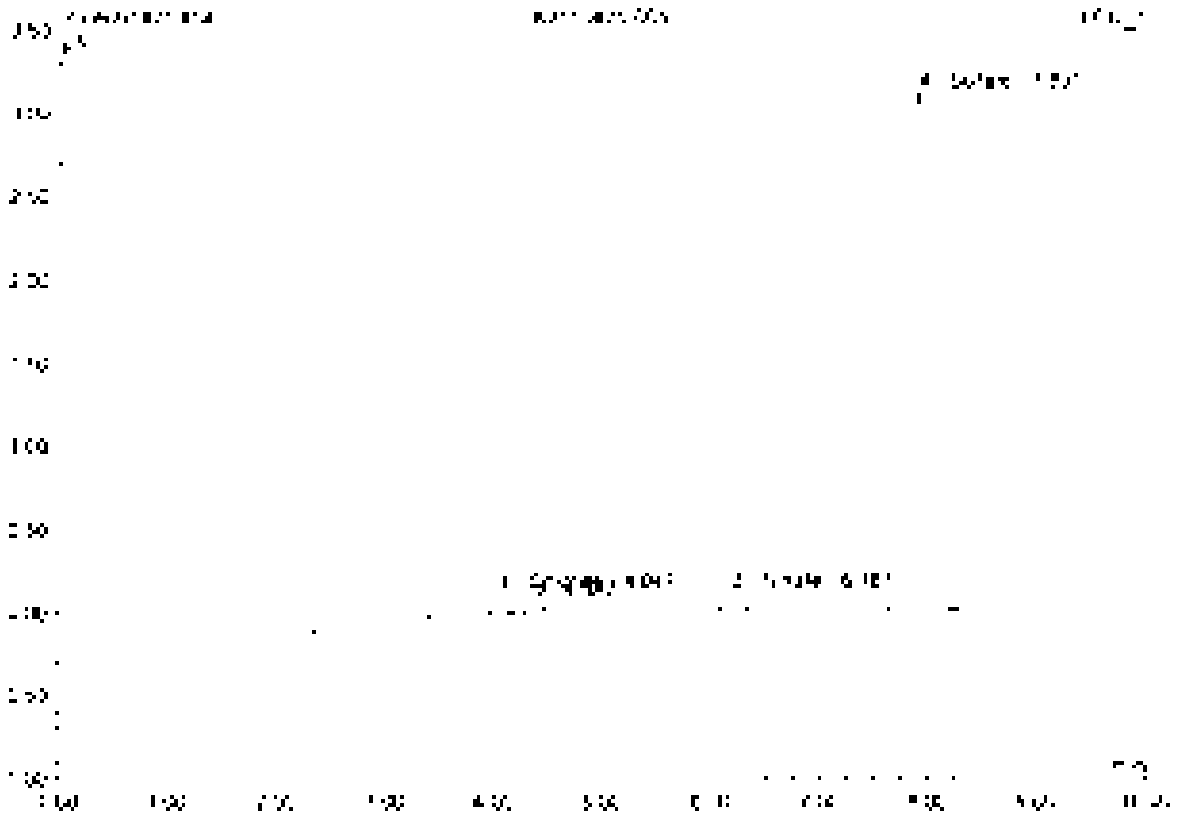
Sample Name	MB2	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa500	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	8/14/2021 21:30	Sample Weight	1.0000
Run Time (sec.)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.39	n.a.	0.702	3.140	100.00	n.a.	BMB
Total:			0.702	3.140	100.00	0.000	

54 K2110475-005

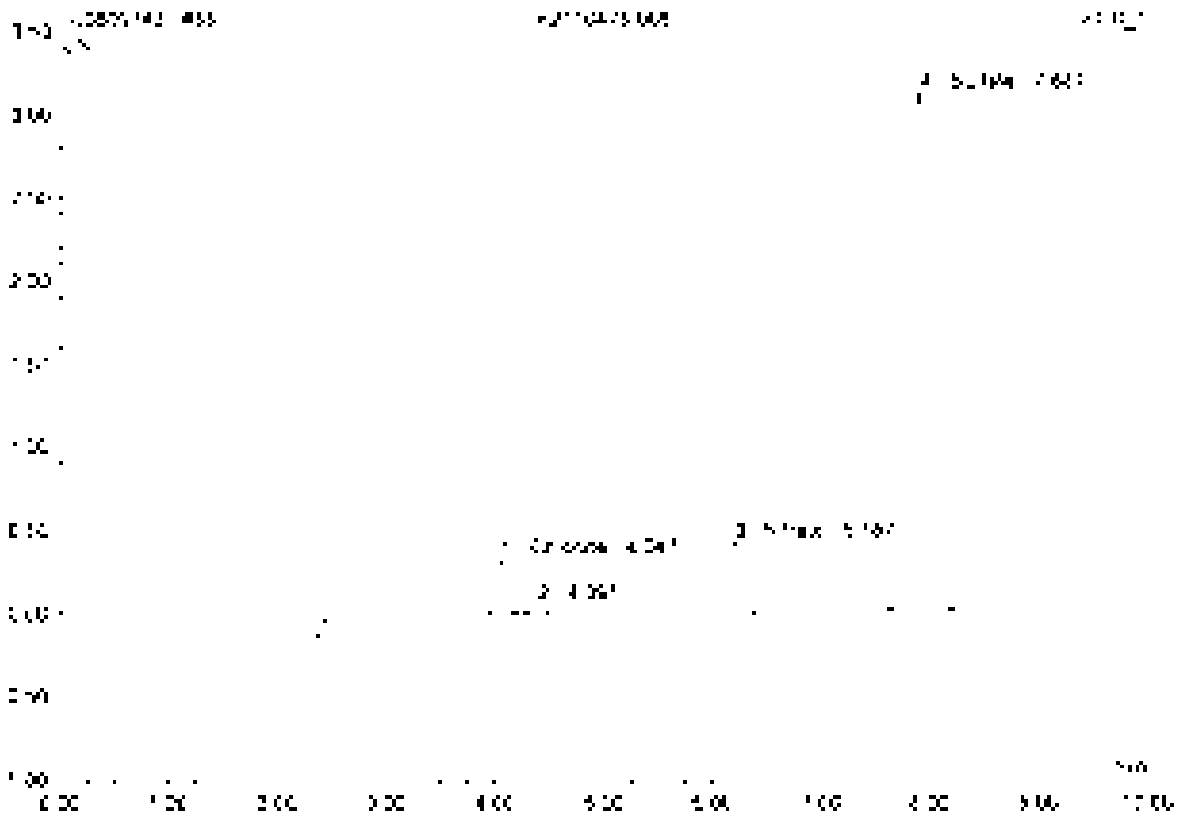
Sample Name	K2110475-005	Injection Volume	25.0
Vial Number	38	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	40.0000
Recording Time	9/14/2021 22:01	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.[illegible]	Chloride	0.[illegible]25	0.0[illegible]3	2.16	2.550	BV9
2	4.39	n.a.	0.067	0.00[illegible]	1.14	n.a.	BM9
3	6.19	Nitrate	0.120	0.017	2.69	[illegible].512	BV9
4	7.50	Sulfate	3.114	0.585	94.00	182.150	BVA
Total:			3.427	0.622	100.00	185.610	

55 K2110475-008

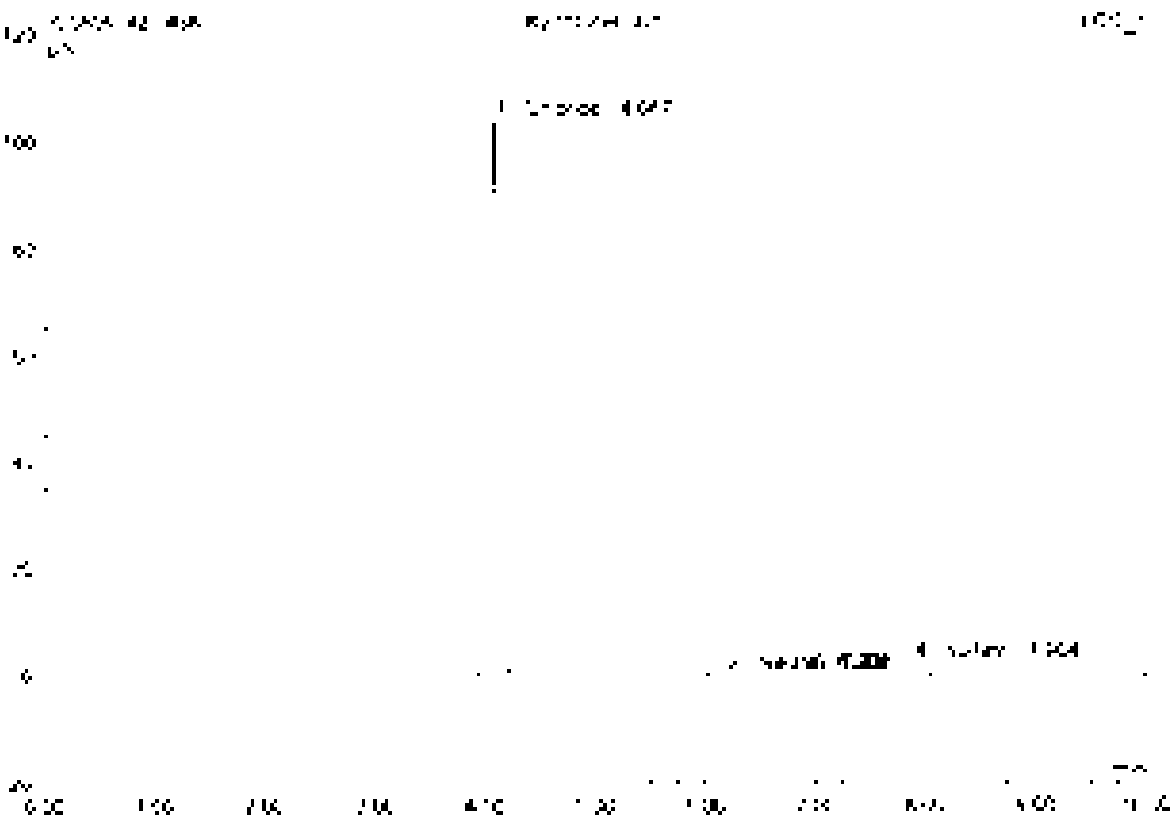
Sample Name	K2110475-008	Injection Volume	25.0
Inj. Number	57	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	40.0000
Recording Time	3/14/2021 23:13	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.335	0.032	4.71	[illegible]	BMB
2	4.39	n.a.	0.006	0.006	0.87	n.a.	BMB
3	6.19	Nitrate	0.474	0.059	8.70	5.240	BMB
4	7.89	Sulfate	3.120	0.585	85.72	182.265	BMB
Total:			3.934	0.682	100.00	184.685	

56 K2110284-001

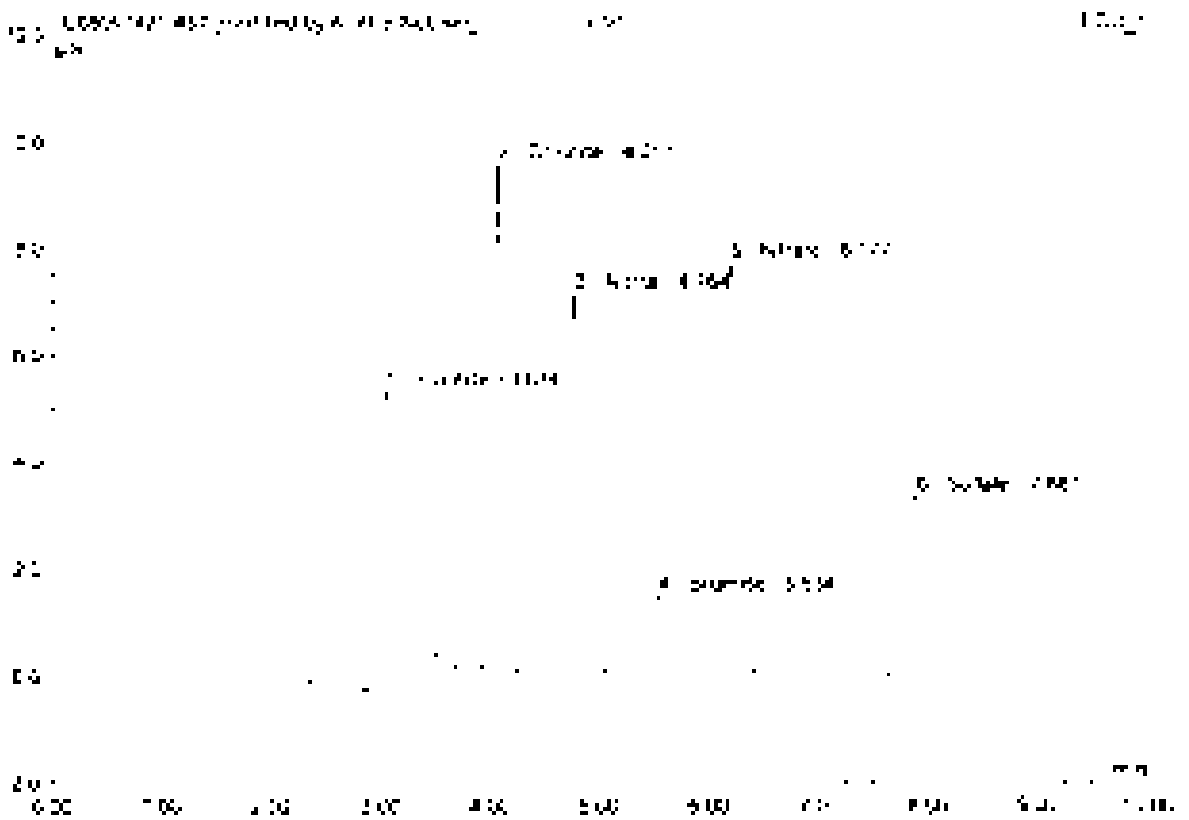
Sample Name	K2110284-001	Injection Volume	25.0
Vial Number	38	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Separator	n.a.
Control Method	epa300	Dilution Factor	5.0000
Recording Time	9/14/2021 22:26	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.07	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	5.20	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
3	6.68	[illegible]	[illegible]	[illegible]	[illegible]	n.a.	BMB
4	7.90	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

57 CCV5

Sample Name	CCV5	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/14/2021 22:36	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.63	Fluoride	5.504	1.150	24.35	5.356	BMB*
2	4.05	Chloride	9.499	0.865	17.90	4.752	BMB*
3	4.76	Nitrite	7.178	0.928	19.14	7.598	BMB*
4	5.53	Bromide	1.476	0.180	3.71	2.438	BMB
5	6.19	Nitrate	7.713	1.061	21.90	2.462	BMB
6	7.84	Sulfate	3.355	0.610	12.71	4.909	BMB
Total:			34.667	4.847	100.00	22.345	

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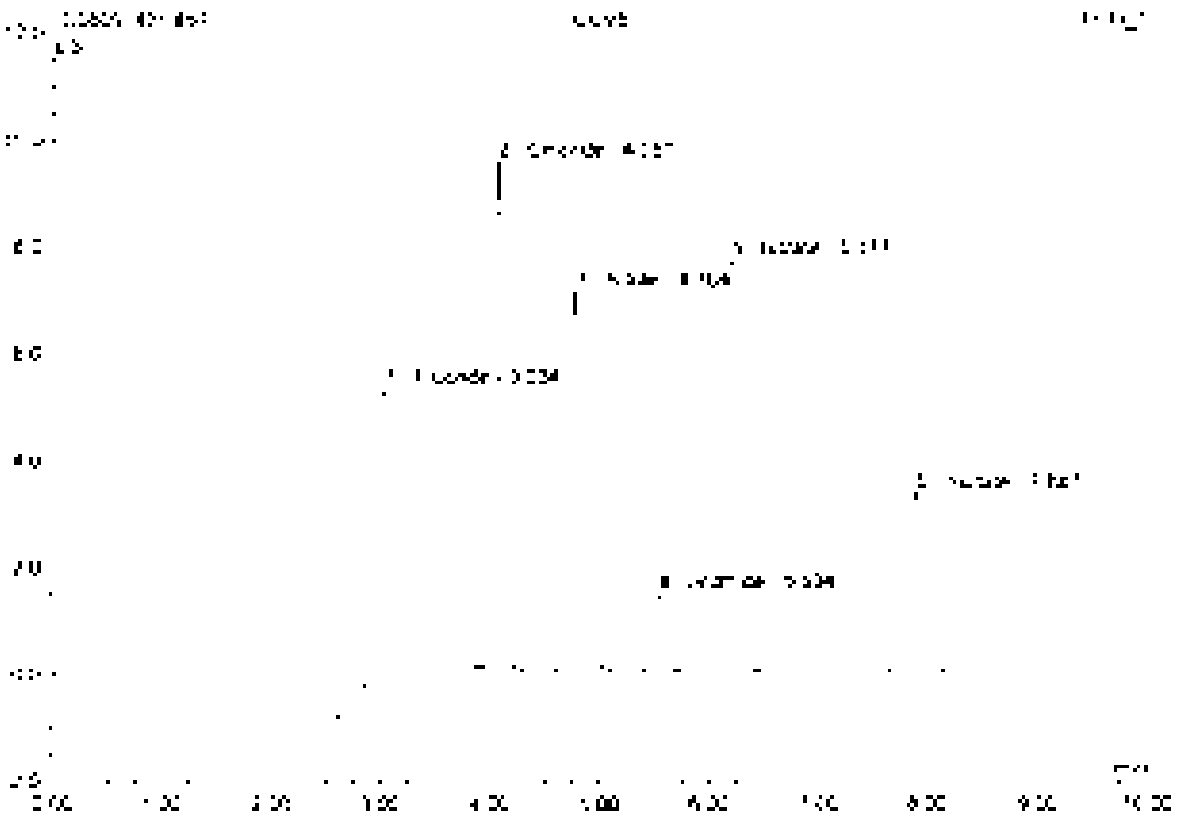
57 CCV5

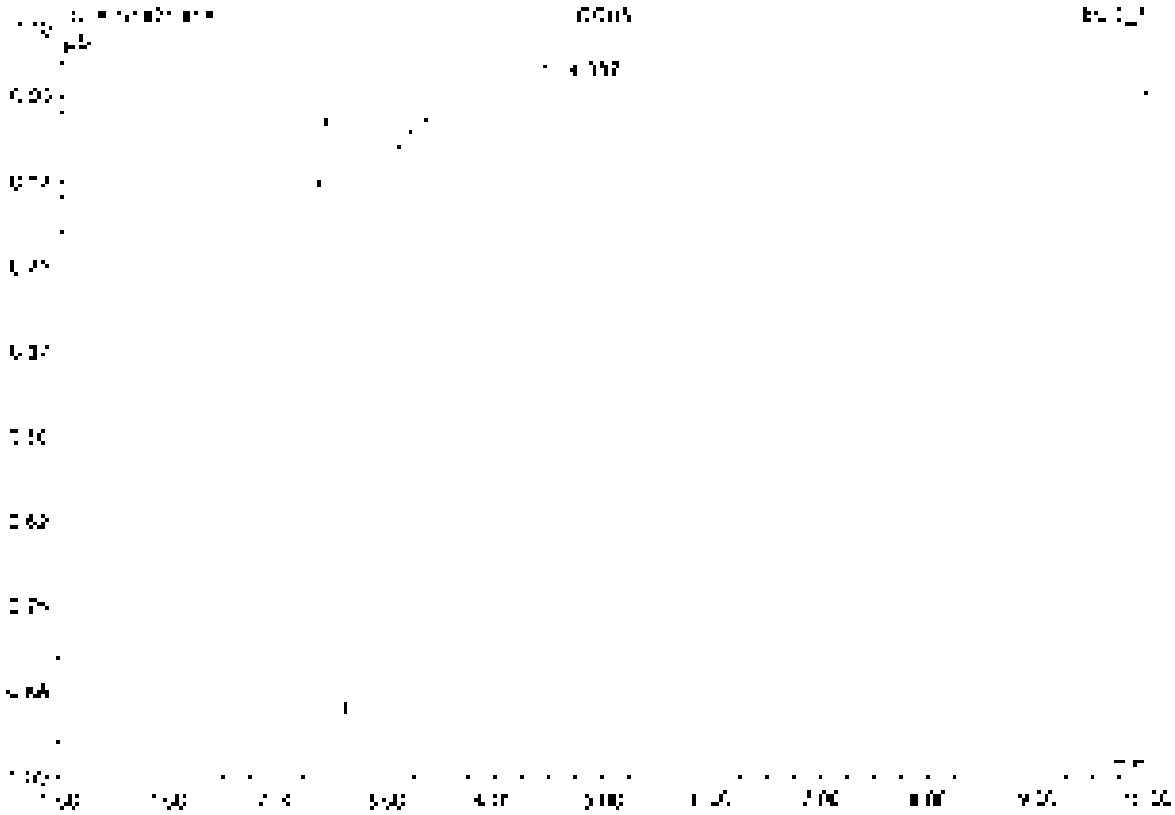
Sample Name	CCV5	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/14/2021 22:36	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

58 CCB5

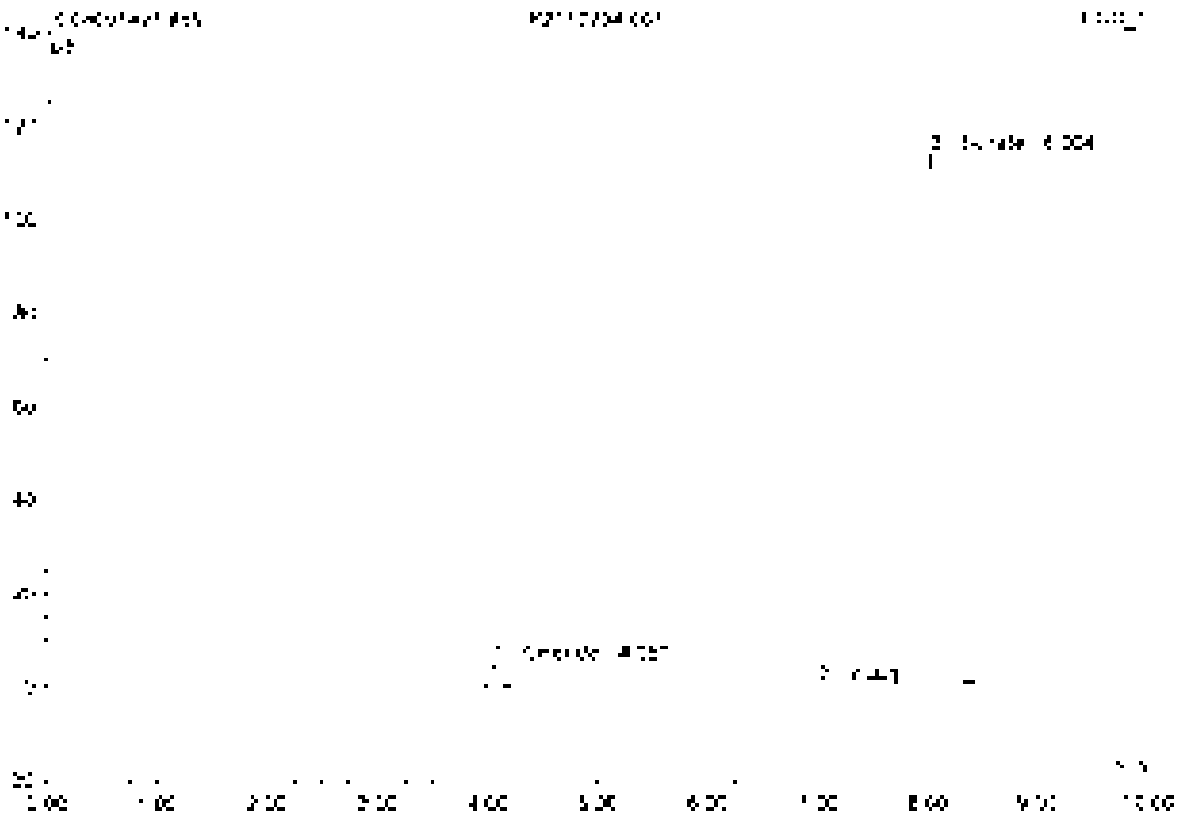
Sample Name	CCB5	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	9/14/2021 22:46	Sample Weight	1.0000
Run Time (min.)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.32	n.a.	[illegible]	[illegible]	100.00	n.a.	BMD
Total:			[illegible]	[illegible]	100.00	0.000	

59 K2110294-001

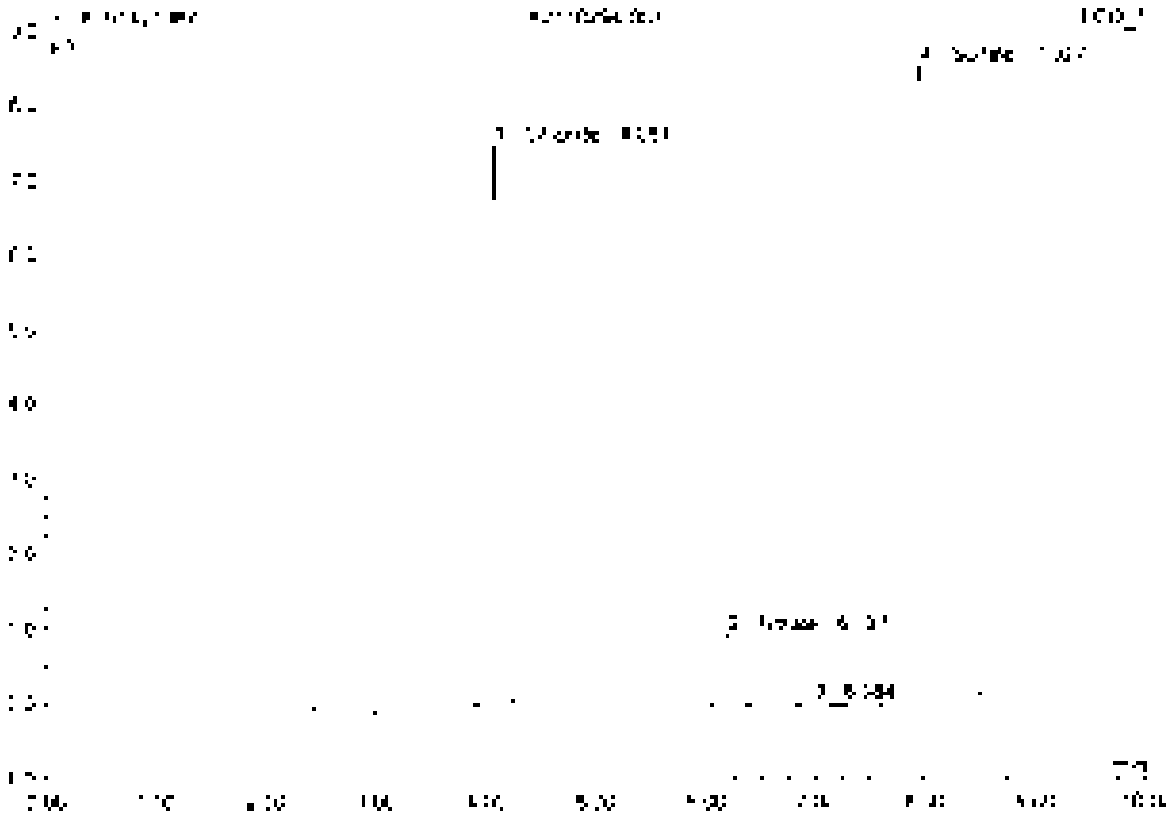
Sample Name	K2110294-001	Injection Volume	25.0
Vial Number	59	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	100.0000
Recovery Time	9/14/2021 23:00	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.06	Chloride	4.730	0.472	2.09	258.501	BV B
2	7.00	n.a.	0.342	0.014	0.06	n.a.	BV B
3	8.00	Sulfate	113.201	22.082	97.85	**********	BV B
Total:			117.872	22.568	100.00	**********	

60 K2110294-003

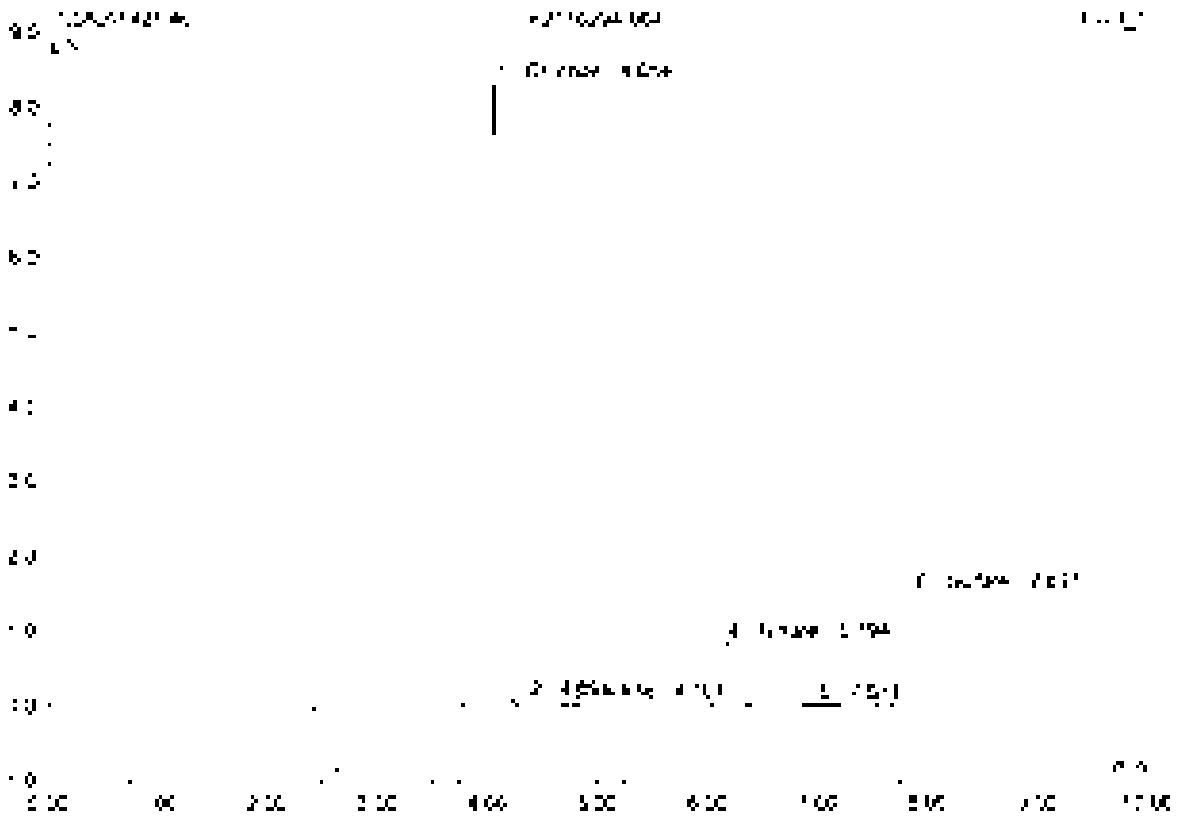
Sample Name	K2110294-003	Injection Volume	25.0
Vial Number	40	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant Method	wpa300	Dilution Factor	10.0000
Recording Time	8/14/2021 [illegible]:12	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	n.a.	BMB
4	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

61 K2110294-004

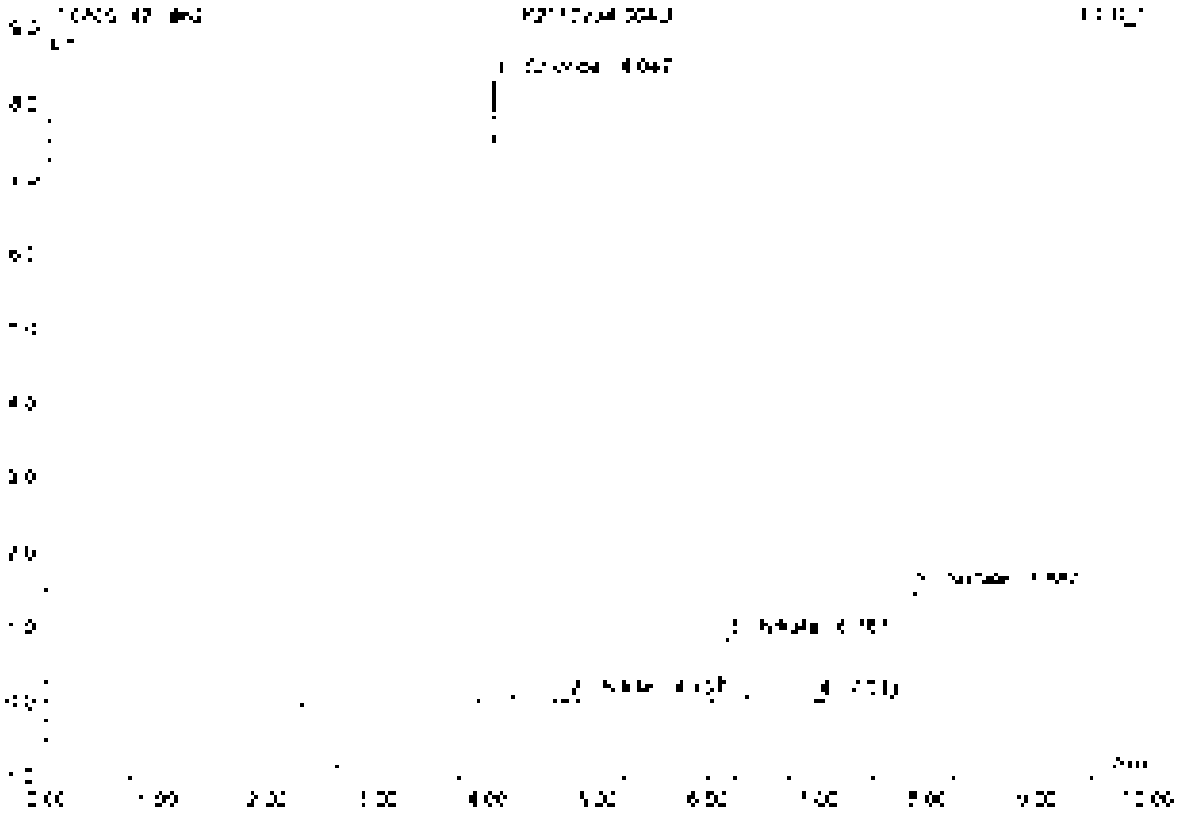
Sample Name	K2110294-004	Injection Volume	25.0
Run Number	41	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	10.0000
Processing Time	9/14/2021 23:24	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.05	Chloride	8.315	0.760	64.30	41.602	BMB
2	4.39	n.a.	0.018	0.003	0.45	n.a.	BMB
3	4.75	Nitrite	0.042	0.005	0.44	0.148	BMB
4	6.19	Nitrate	0.550	0.121	10.26	2.219	BMB
5	7.01	n.a.	0.025	0.008	0.68	n.a.	BMB
6	7.50	Sulfate	1.496	0.281	23.50	21.865	BMB
Total:			10.785	1.180	100.00	66.352	

62 K2110294-004D

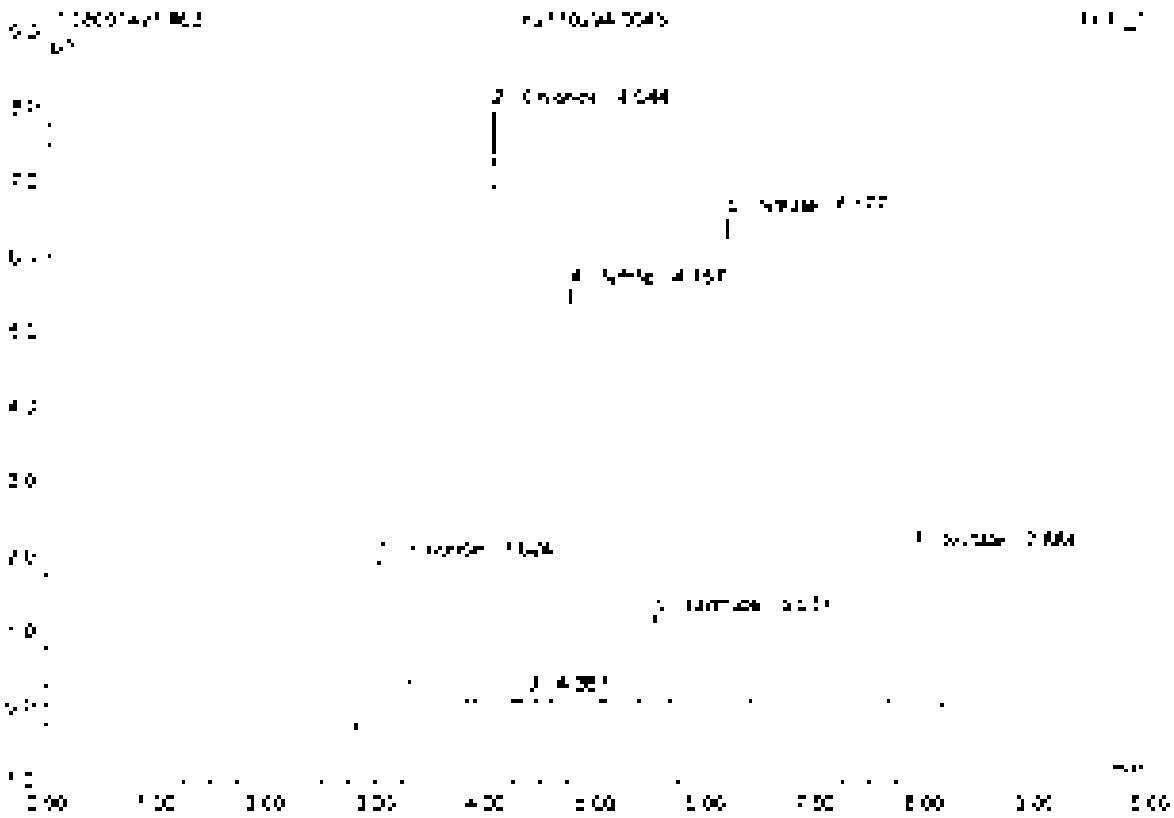
Sample Name	K2110294-004D	Injection Volume	25.0
Vial Number	43	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	10.0000
Processing Time	[illegible] 23:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	8.311	0.760	65.18	41.645	BMB
2	4.75	Nitrite	0.042	0.005	0.45	0.147	BMB
3	6.13	Nitrate	0.551	0.121	10.35	2.733	BMB
4	7.01	n.a.	0.020	0.006	0.54	n.a.	BMB
5	7.89	Sulfate	1.477	0.274	23.48	21.159	BMB
Total:			10.702	1.167	100.00	65.245	

63 K2110294-004S

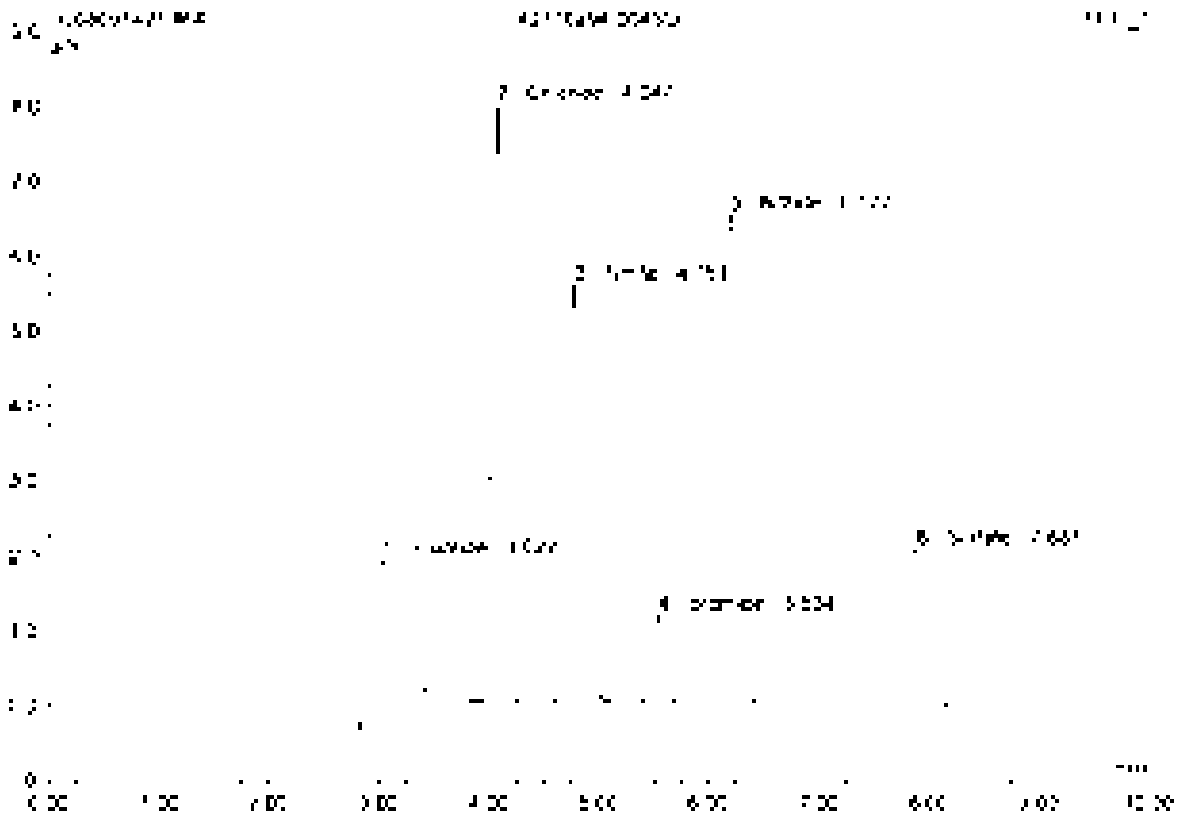
Sample Name	K2110294-004S	Injection Volume	25.0
Vial Number	63	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantit. Method	wpa300	Dilution Factor	20.0000
Recording Time	5/14/2021 23:47	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	3.32	Fluoride	2.187	0.553	16.12	40.195	BVB
2	4.04	Chloride	7.524	0.725	21.15	79.435	BMB
3	4.38	n.a.	0.137	0.013	0.37	n.a.	BVB
4	4.76	Nitrite	5.561	0.709	20.67	39.594	BVB
5	5.53	Bromide	1.178	0.145	4.22	38.227	BMB
6	5.78	Nitrate	6.515	0.904	26.37	43.201	BMB
7	7.80	Sulfate	2.062	0.383	11.15	59.605	BMB
Total:			25.504	3.429	100.00	335.263	

64 K2110294-0045D

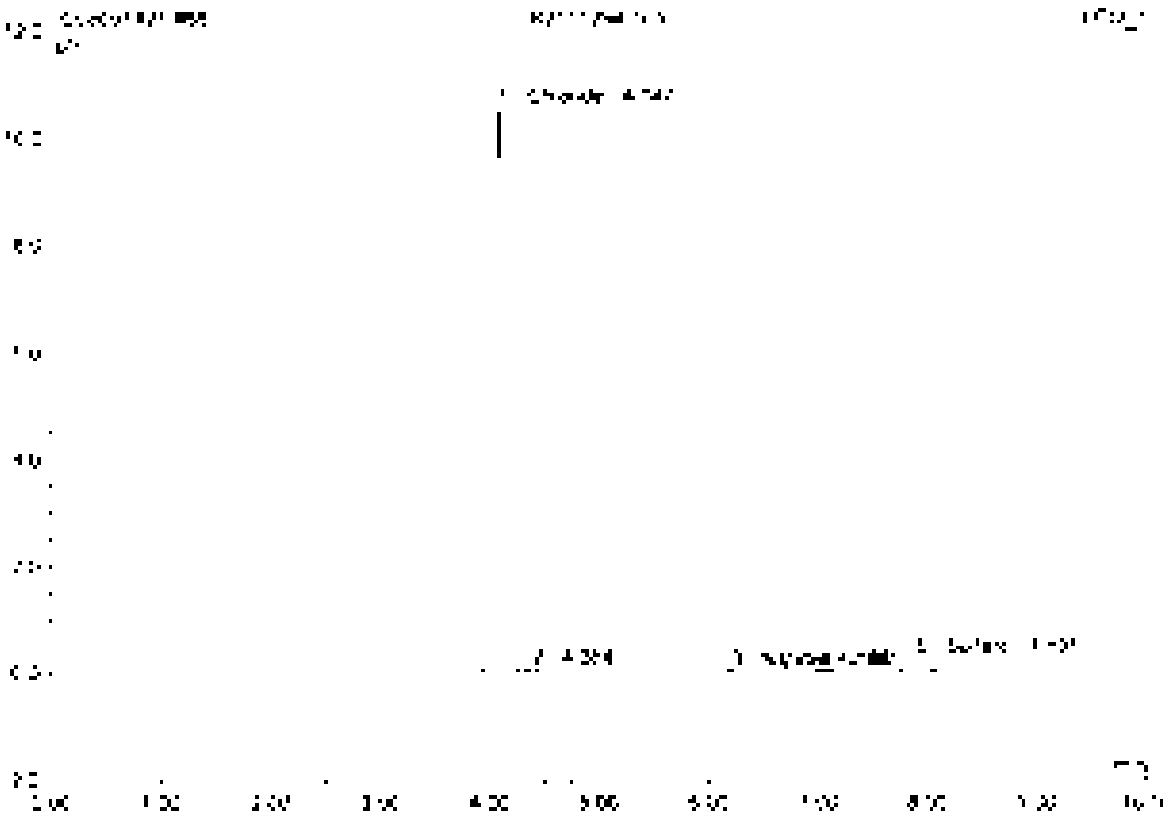
Sample Name	K2110294-0045D	Injection Volume	25.0
Vial Number	64	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	9/14/2021 23:58	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.33	Fluoride	2.205	0.564	16.33	50.133	BVB
2	4.05	Chloride	7.577	0.730	21.14	75.976	BMB
3	4.76	Nitrite	5.580	0.715	20.70	40.015	BVB
4	5.50	Bromide	[illegible].196	0.146	4.23	39.543	BMB
5	5.18	Nitrate	6.554	0.910	26.36	41.[illegible]	BMB
6	7.35	Sulfate	2.287	0.360	10.25	50.508	BMB
Total			25.589	3.453	100.00	311.324	

65 K2110294-005

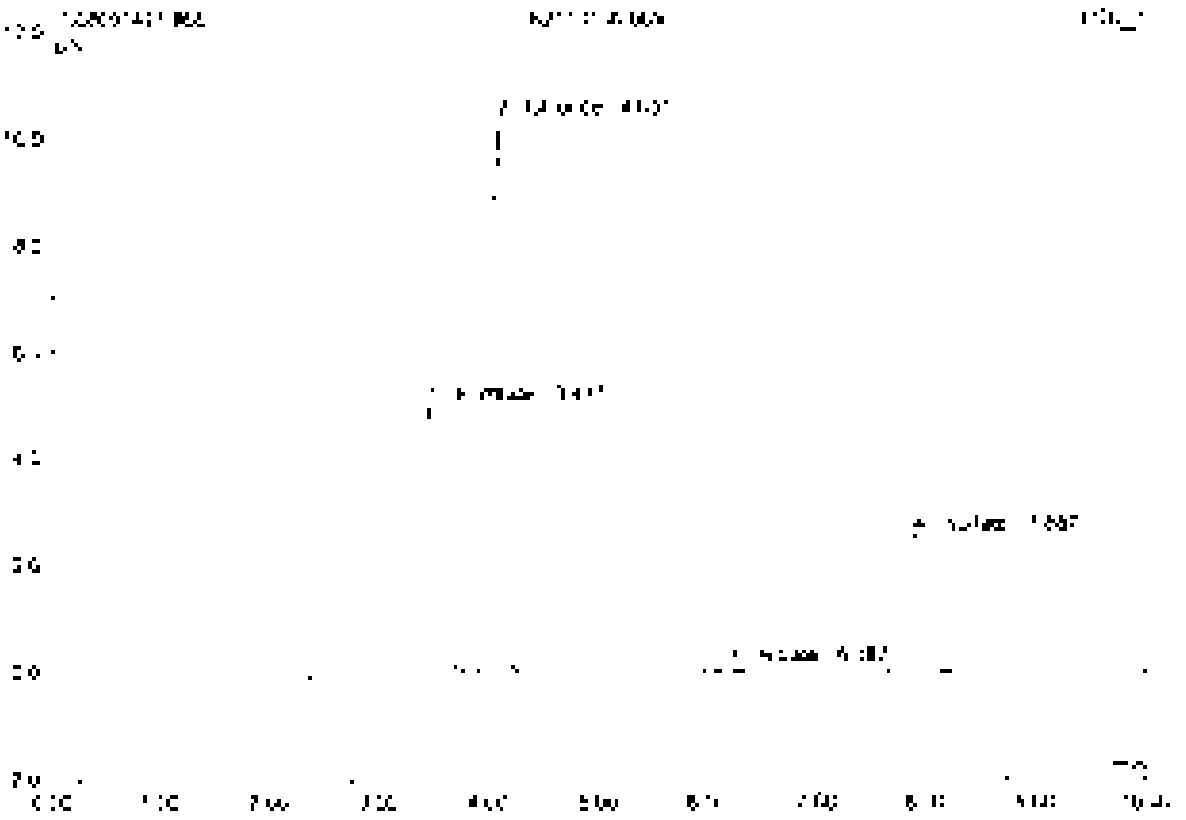
Sample Name	K2110294-005	Injection Volume	25.0
Vial Number	45	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant Method	wpa300	Dilution Factor	5.0000
Recording Time	9/15/2021 9:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	10.554	0.960	93.07	26.259	BMB
2	4.38	n.a.	0.000	0.006	0.56	n.a.	BMB
3	6.19	Nitrite	0.008	0.006	0.53	0.062	BMB
4	7.00	n.a.	0.010	0.012	1.12	n.a.	BMB
5	7.55	Sulfate	0.258	0.049	4.73	1.899	BMB
Total:			10.550	1.032	100.00	28.259	

66 K2110106-009

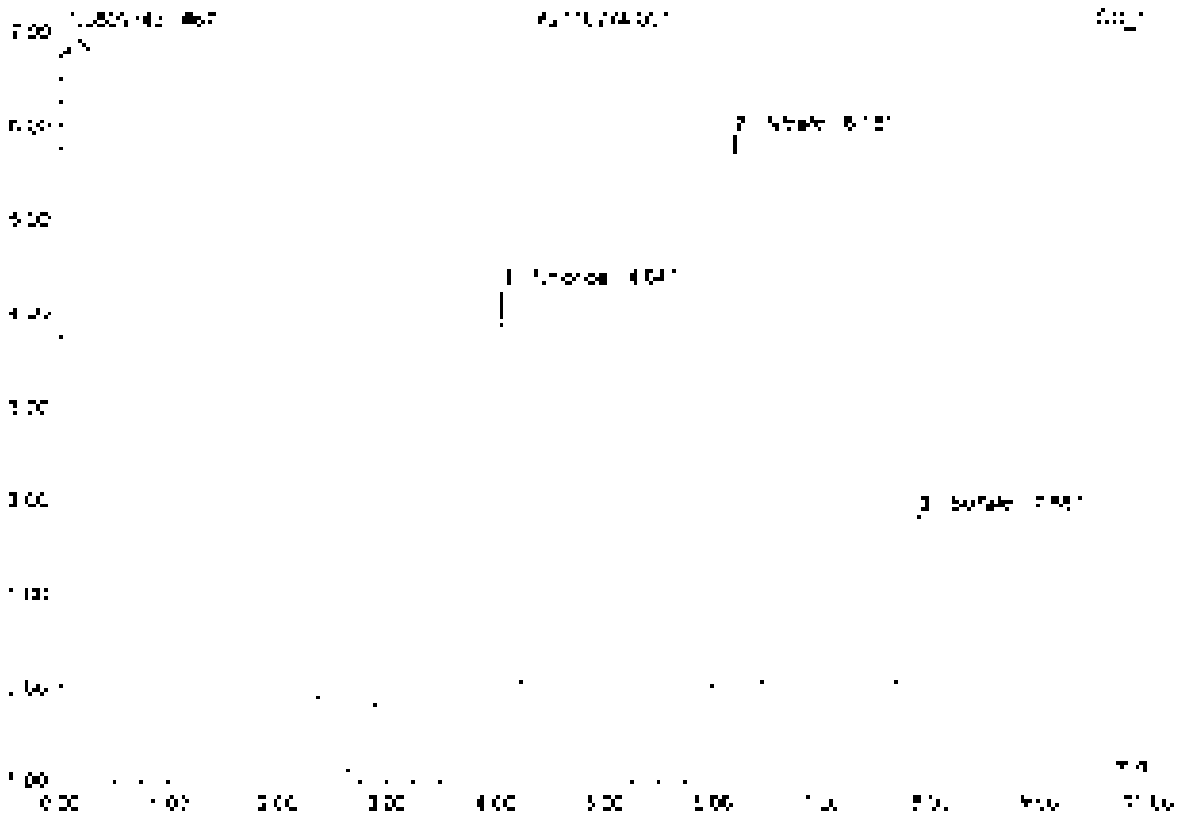
Sample Name	K2110106-009	Injection Volume	25.0
Vial Number	50	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	100.0000
Recording Time	9/15/2021 0:22	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.44	Formate	4.969	0.625	30.44	n.a.	BMB
2	4.30	Chloride	10.134	0.935	45.58	1028.577	BMB
3	6.15	Nitrate	0.093	0.014	0.67	6.949	BV9
4	7.85	Sulfate	2.541	0.479	23.30	745.237	BV9
Total: 4			17.536	2.054	100.00	1777.063	

57 K2110274-001

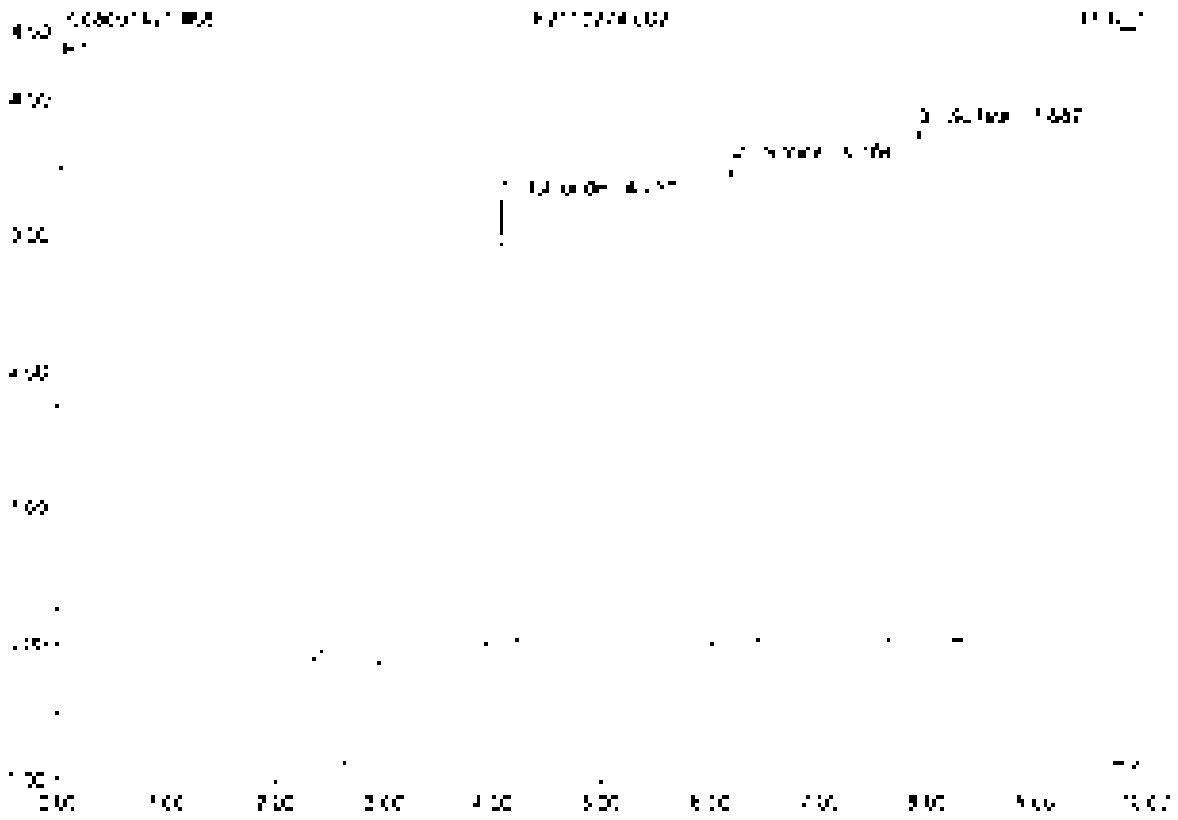
Sample Name	K2110274-001	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	40.0000
Processing Time	5/11/2021 6:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	4.05	Chlorate	4.247	0.393	25.34	88.151	BV B
2	6.18	Nitrate	5.891	0.815	52.68	183.012	BV B
3	7.84	Sulfate	3.825	0.341	21.98	196.24c	BV B
Total			13.963	1.552	100.00	266.479	

68 K2110274-002

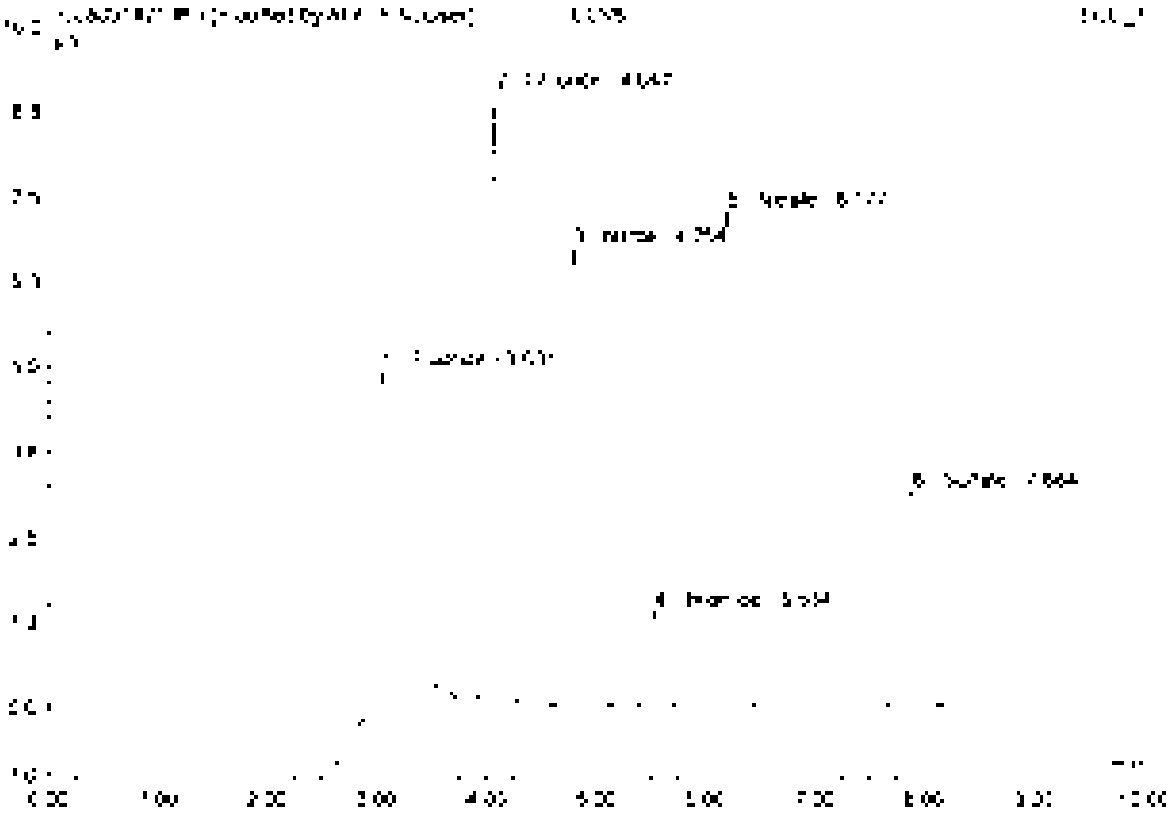
Sample Name	K2110274-002	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	200.0000
Recording Time	9/15/2021 9:45	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.35	Chlorate	3.270	0.303	20.10	321.555	BV B
2	6.18	Nitrite	3.522	0.451	32.67	222.041	BV B
3	7.55	Sulfate	3.774	0.708	47.17	1102.538	BV B
Total:			10.566	1.502	100.00	1646.515	

69 CCV6

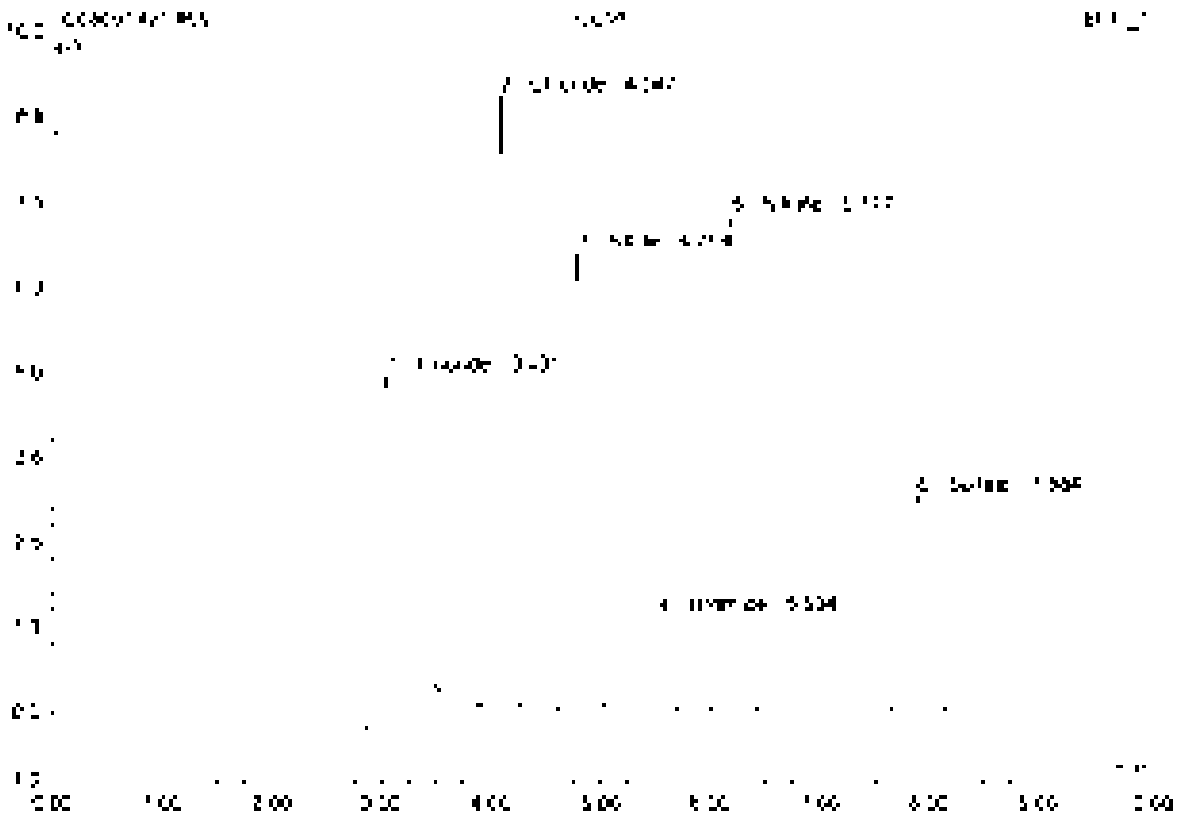
Sample Name	CCV6	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	8/15/2011 0:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.03	Fluoride	5.114	[illegible]	24.10	[illegible]	BMB*
2	4.05	Chloride	8.363	0.522	[illegible]	4.500	BMB*
3	4.76	Nitrite	5.724	0.574	[illegible]	2.448	BMB*
4	5.53	Bromide	1.565	0.170	3.12	2.308	BMB
5	6.19	Nitrate	7.782	1.004	21.96	[illegible]	BMB
6	7.88	Sulfate	3.172	2.564	[illegible]	4.627	BMB
Total:			32.650	4.570	100.00	21.572	

69 CCV6

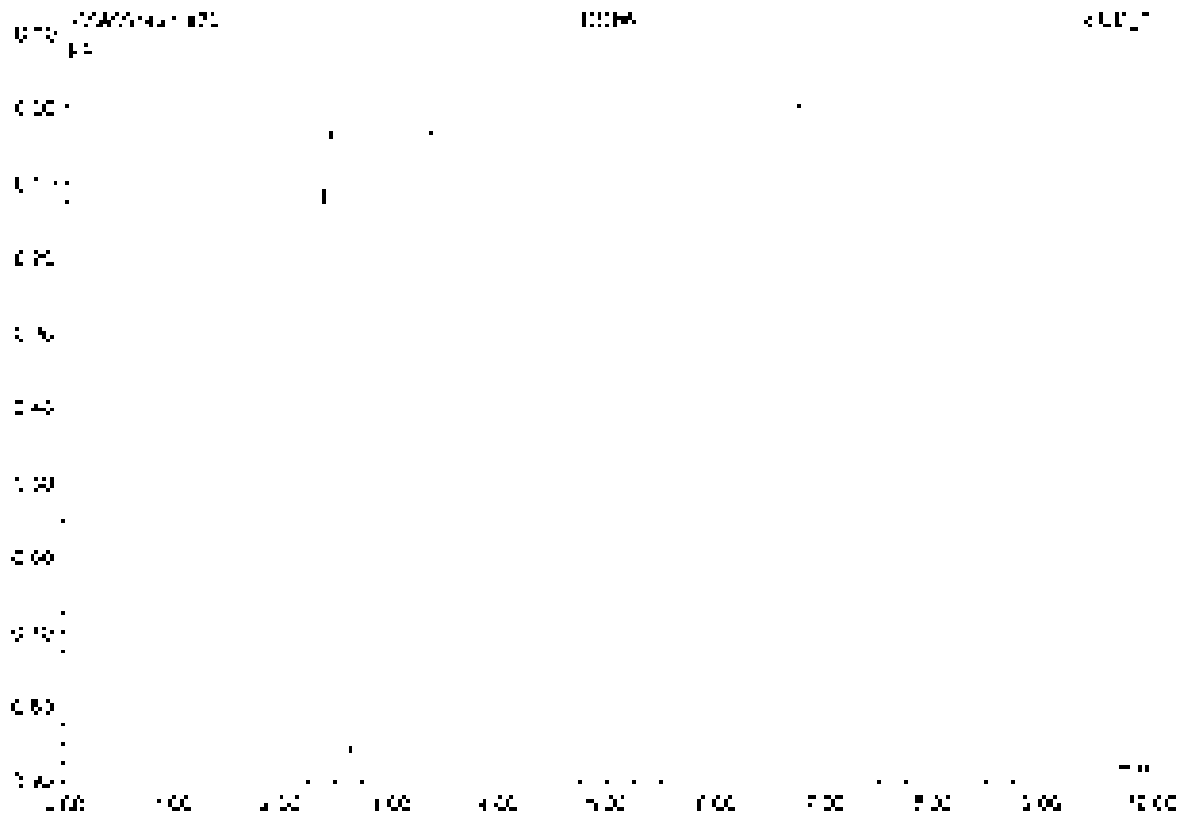
Sample Name	CCV6	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Control Method	spa300	Dilution Factor	1.0000
Recording Time	9/15/2021 0:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.02	Fluoride	5.146	1.179	25.50	5.246	BMB
2	4.05	Chloride	3.954	0.815	17.65	4.471	BMB
3	4.76	Nitrite	6.708	0.860	18.60	2.435	BVB
4	5.53	Bromide	1.095	0.170	3.68	2.308	BVB
5	6.78	Nitrate	7.982	1.004	21.70	2.271	BMB
6	7.88	Sulfate	3.177	0.594	12.85	4.627	BMB
Total			22.555	4.624	100.00	21.332	

70 CCB6

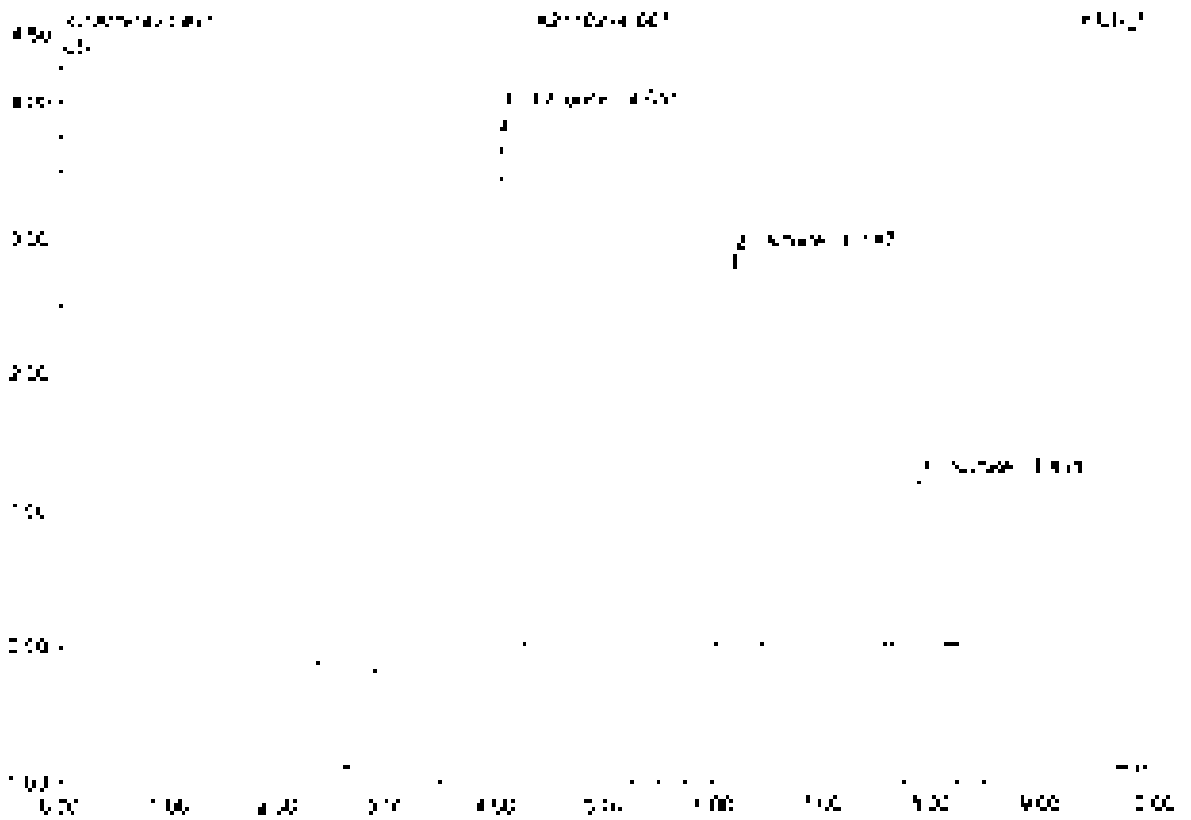
Sample Name	CCB6	Injection Volume	75.0
Vial Number	49	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 1:00	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

71 K2110274-003

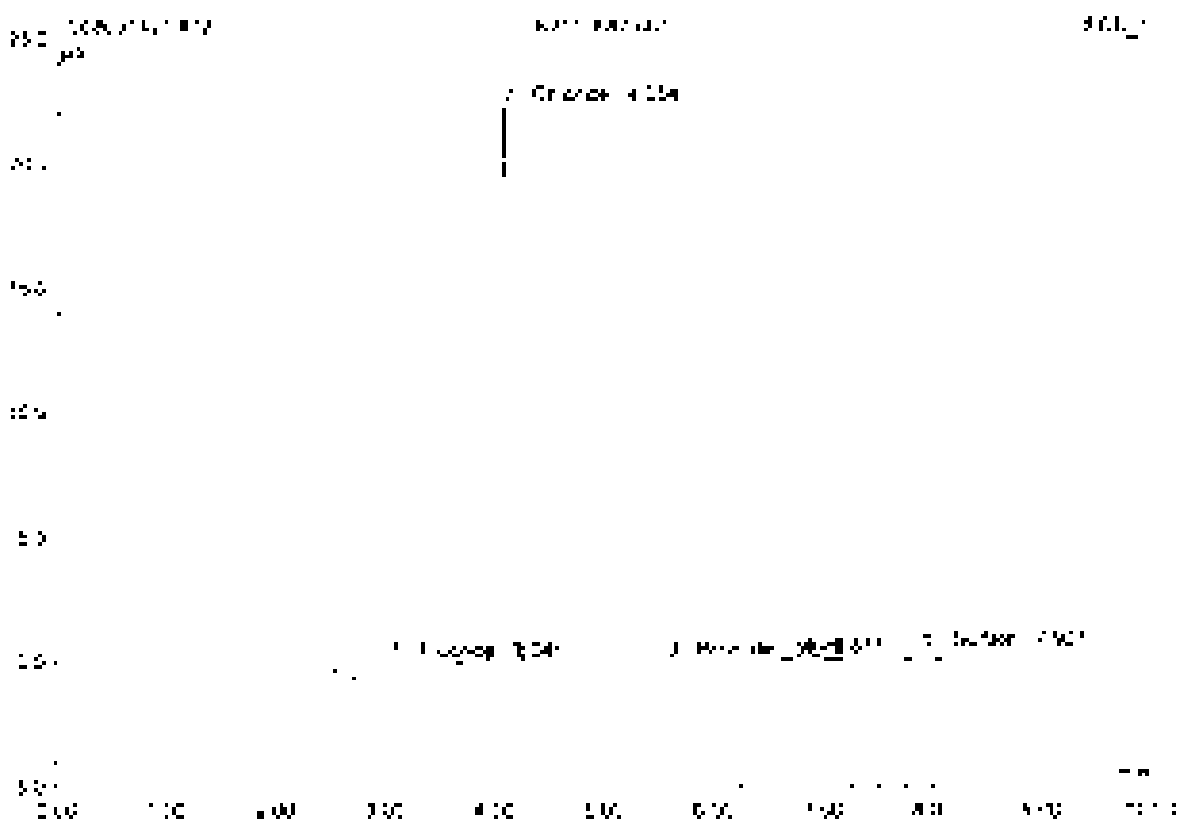
Sample Name	K2110274-003	Injection Volume	35.0
Vial Number	5	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	40.0000
Recording Time	9/13/2021 1:21	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.03	Chloride	3.940	0.394	36.48	79.834	BV8
2	5.79	Nitrate	2.889	0.435	40.53	36.550	BV8
3	7.89	Sulfate	[illegible]	0.250	22.99	[illegible]	BV8
Total			8.346	0.999	100.00	[illegible]	

72 K2110687-001

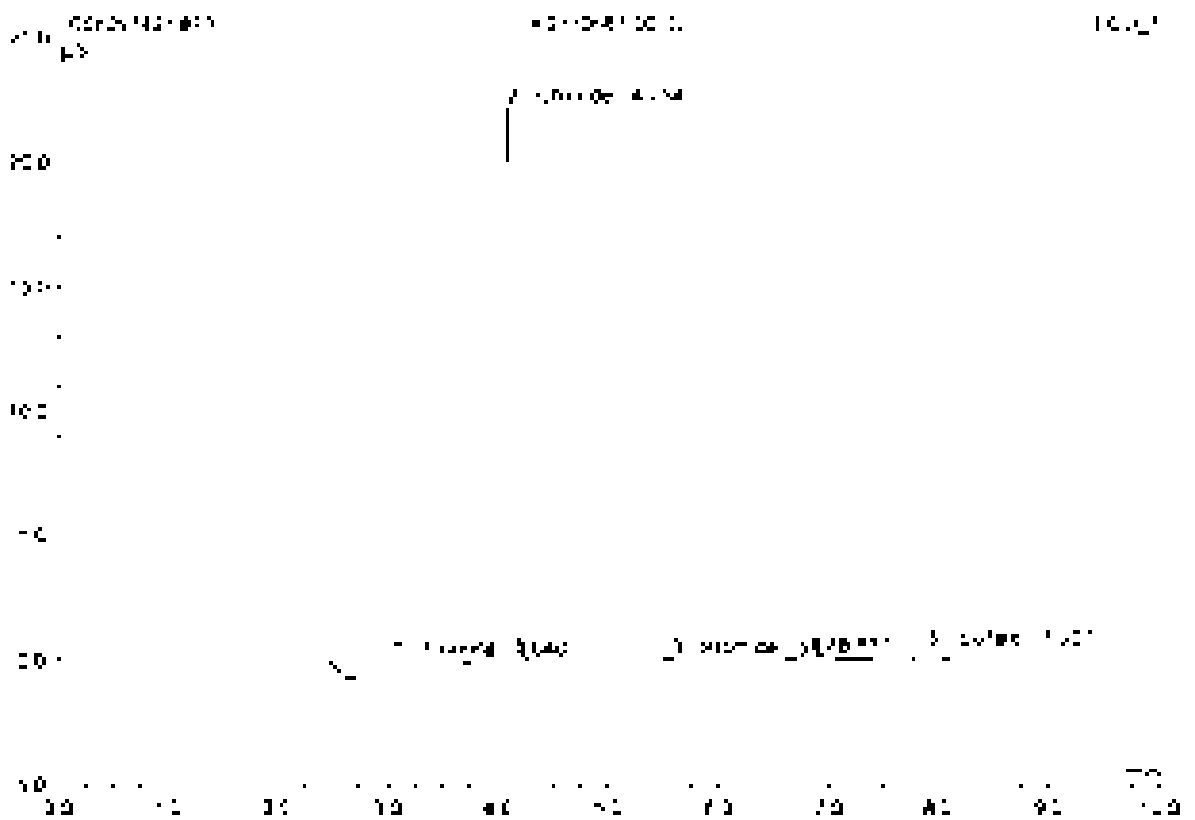
Sample Name	K2110687-001	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Operator Program	epa300	Bandwidth	n.a.
Current Method	epa300	Dilution Factor	2.0000
Recording Time	9/13/2021 1:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.24	Fluoride	0.512	0.302	11.95	2.699	BV3
2	4.25	Chloride	22.271	2.034	80.95	22.505	BMB
3	5.57	Bromide	0.050	0.014	0.54	0.371	BMB
4	6.87	n.a.	0.175	0.084	3.31	n.a.	BV3
5	7.91	Sulfate	0.455	0.081	3.21	1.256	BMB
Total:			23.454	2.536	100.00	26.831	

73 K2110687-001D

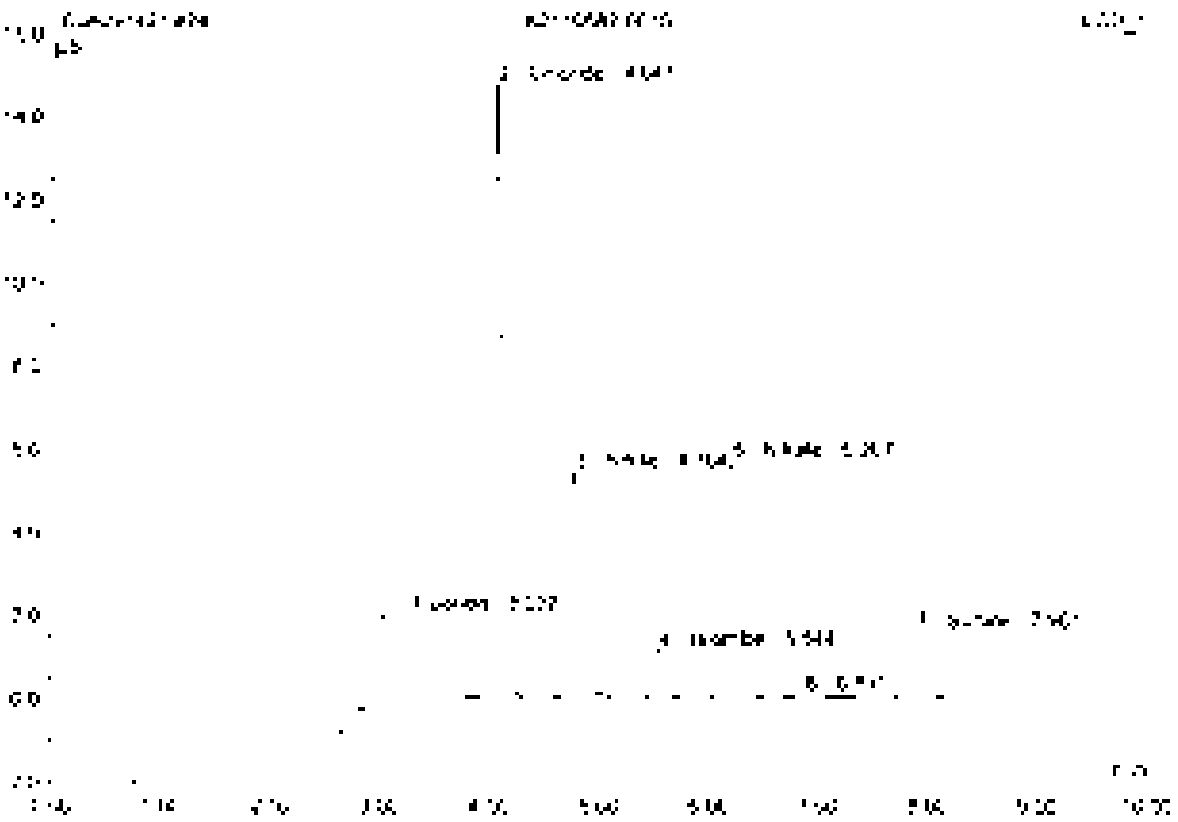
Sample Name	K2110687-001D	Injection Volume	35.0
Vial Number	7	Channel	IC CD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	2.0000
Processing Time	3/15/2021 1:45	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.04	Fluoride	0.542	0.351	1.63	3.125	BMB
2	4.05	Chloride	22.169	2.548	78.44	22.432	BVB
3	5.67	Bromide	0.047	0.014	0.56	0.203	BMB
4	6.82	n.a.	0.171	0.023	3.21	n.a.	BMB
5	7.97	Sulfate	0.440	0.021	3.16	1.256	BVB
Total:			23.368	2.978	100.00	27.275	

74 K2110687-001S

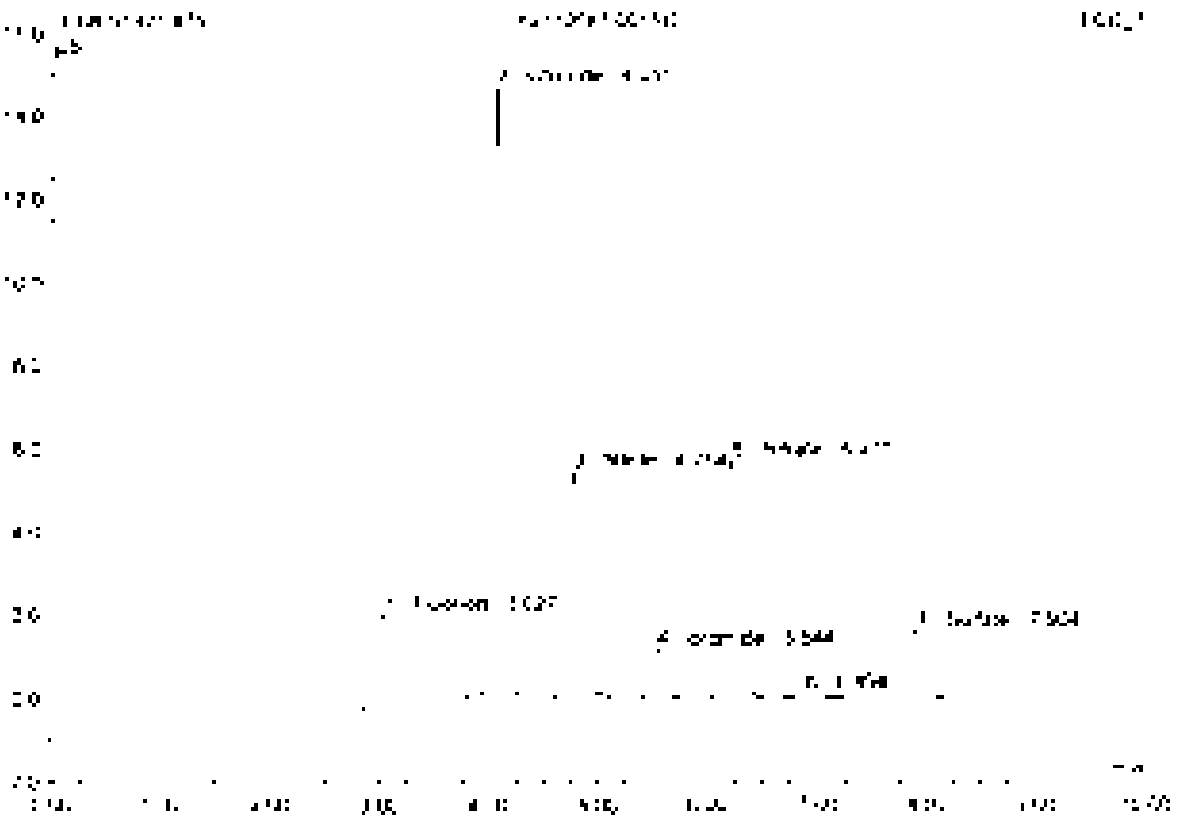
Sample Name	K2110687-001S	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n/a
Control Program	epa300	Bandwidth	n/a
Quantit. Method	epa300	Dilution Factor	4.0000
Processing Time	3/15/2021 1:56	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	4.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.83	Fluoride	2.232	0.571	14.47	10.155	BMB
2	4.35	Chloride	14.774	1.344	34.07	23.446	BVB
3	4.76	Nitrite	5.428	0.708	17.95	7.928	BMB
4	5.54	Bromide	1.753	0.147	3.73	2.571	BMB
5	5.21	Nitrate	5.704	0.844	21.40	7.641	BMB
6	6.59	n/a	0.708	0.045	1.02	n/a	BMB
7	7.30	Sulfate	1.597	0.291	7.37	5.055	BMB
Total:			30.927	3.945	100.00	72.195	

75 K2110687-001SD

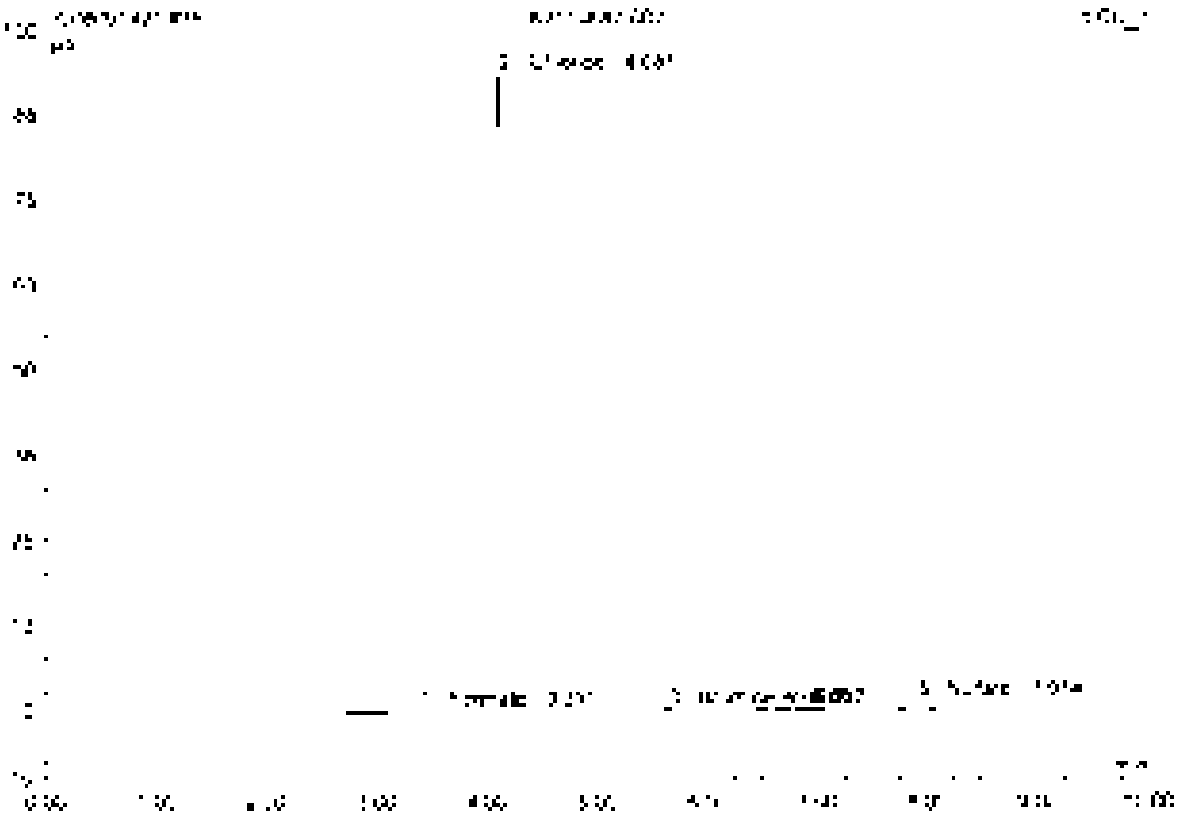
Sample Name	K2110687-001SD	Injection Volume	25.0
Vial Number	8	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantit. Method	apa300	Dilution Factor	4.0000
Measuring Time	5/11/2021 3:48	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.33	Fluoride	2.217	0.564	14.37	10.019	BMb
2	4.05	Chloride	14.818	1.336	34.03	25.275	BMB
3	4.78	Nitrite	5.422	0.708	18.03	7.930	BVB
4	5.54	Bromide	1.152	0.147	3.74	2.065	BVB
5	5.87	Nitrate	5.704	0.843	21.47	7.532	BVB
6	6.28	n.a.	0.092	0.036	0.92	n.a.	BVB
7	7.56	Sulfate	1.537	0.292	7.44	4.066	BMB
Total:			30.815	3.927	100.00	71.927	

76 K2110687-002

Sample name	K2110687-002	Injection Volume	25.0
Vial number	16	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Quantitation Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	1.0000
Recording Time	[illegible]/2021 2:29	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

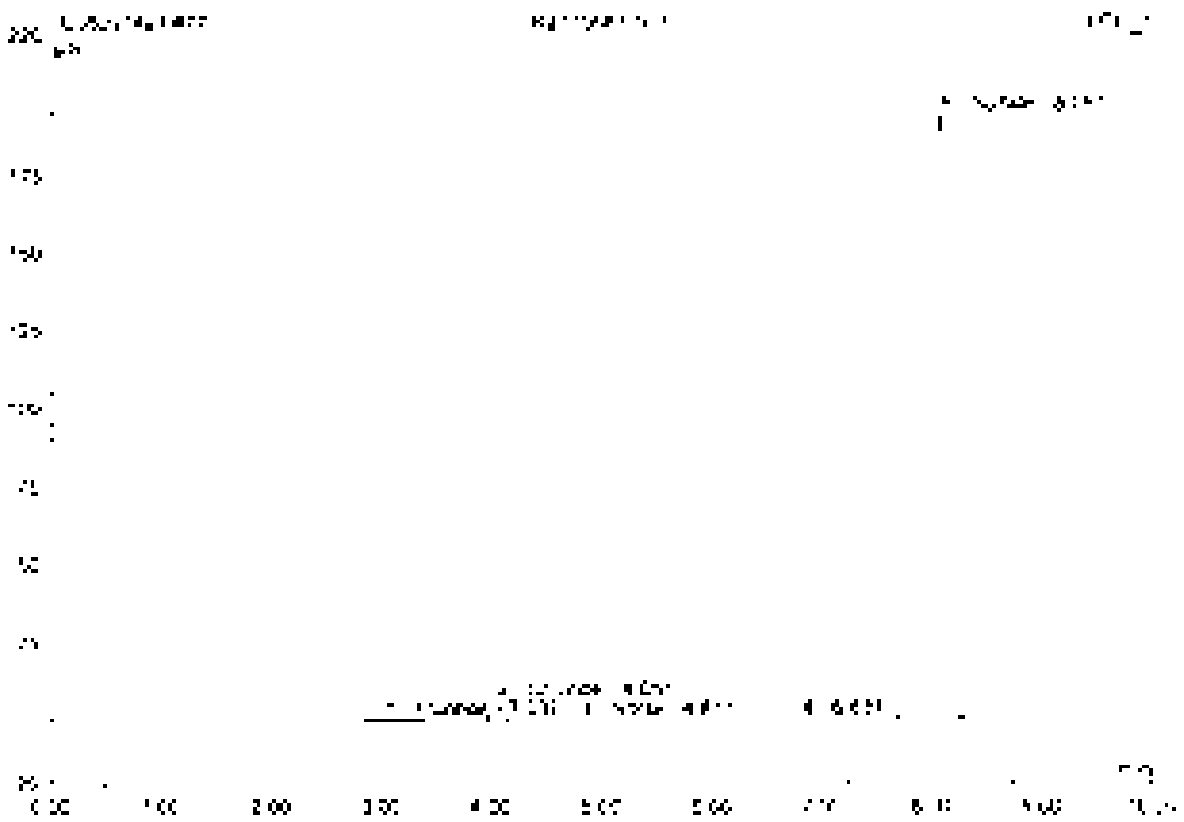


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.39	Formate	0.150	0.180	[illegible]	n.a.	BV0
2	4.08	Chloride	93.412	10.921	90.93	109.777	BVA
3	5.64	Bromide	0.152	0.017	0.15	0.464	BVA
4	6.69	n.a.	0.303	0.152	1.71	n.a.	BV0
5	7.91	Sulfate	1.456	0.264	2.45	[illegible]	BM0
Total:			95.406	[illegible]	100.00	114.257	

Copyright (c) [illegible] 1996-2008
Version: 6.80.SR1 Build [illegible]

77 K2110687-003

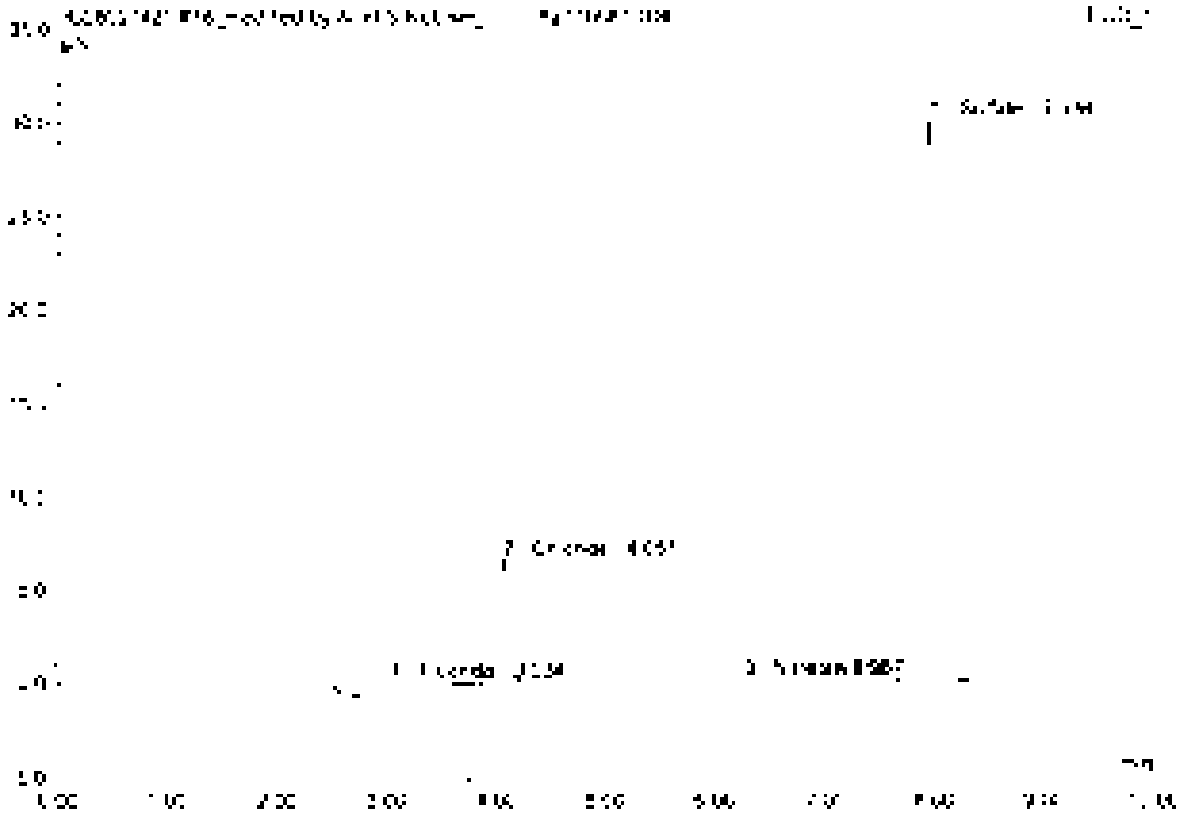
Sample Name	K2110687-003	Injection Volume	25.0
Vial Number	11	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant Method	wpa300	Dilution Factor	1.0000
Recording Time	5/15/2021 2:32	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	0.603	0.347	0.87	3.083	BMB
2	4.05	Chloride	0.590	0.592	1.48	8.890	BMB
3	4.81	Nitrite	0.028	[illegible]	0.03	0.064	BMB
4	5.93	n.a.	0.022	0.041	0.10	n.a.	BMB
5	8.06	Sulfate	193.558	38.954	97.50	607.132	BMB
Total:			200.908	39.996	100.00	618.770	

78 K2110687-004

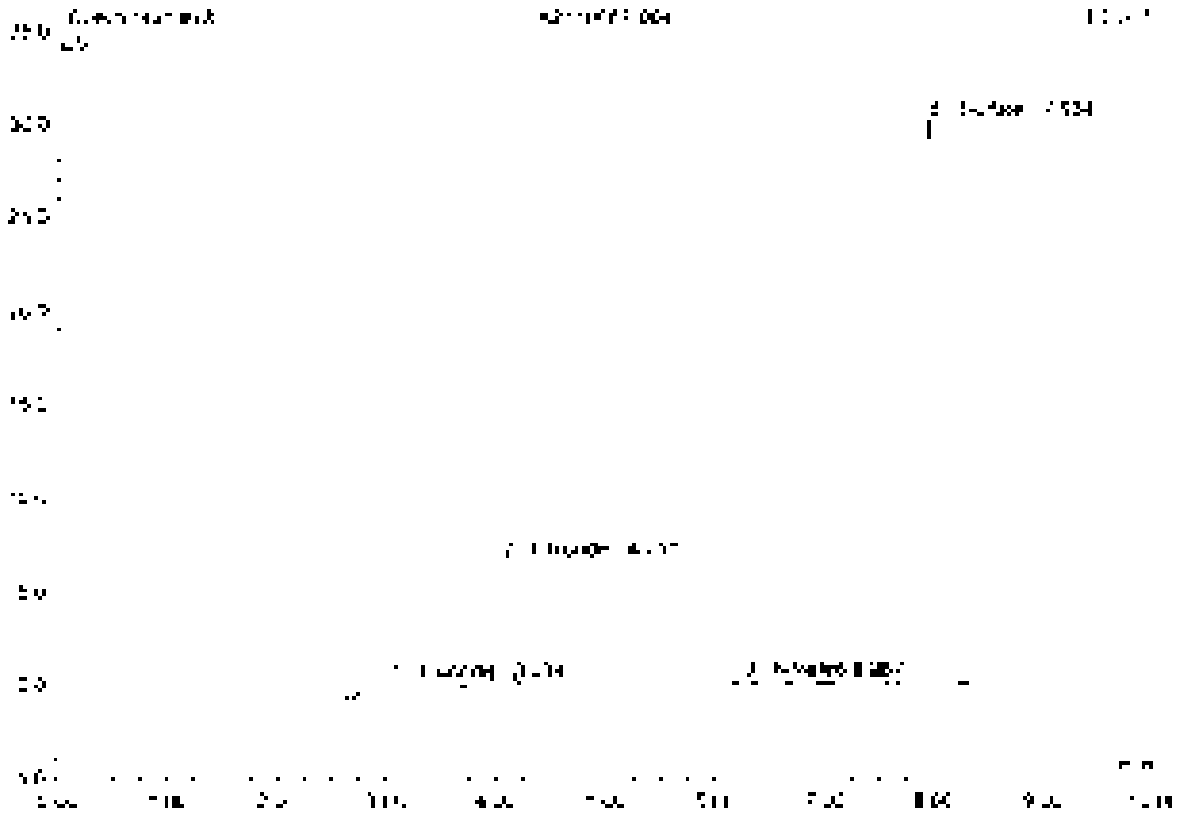
Sample Name	K2110687-004	Injection Volume	25.0
Vial Number	12	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	9/15/2021 2:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	0.597	0.345	5.42	3.065	BVb*
2	4.05	Chloride	0.552	0.534	9.38	6.946	bMB
3	6.26	Nitrate	0.215	0.084	0.53	0.150	BMb*
4	6.81	n.a.	0.157	0.070	1.11	n.a.	BMb*
5	7.93	Sulfate	33.076	5.263	82.96	82.038	bVB
Total:			37.597	6.352	100.00	92.201	

78 K2110687-004

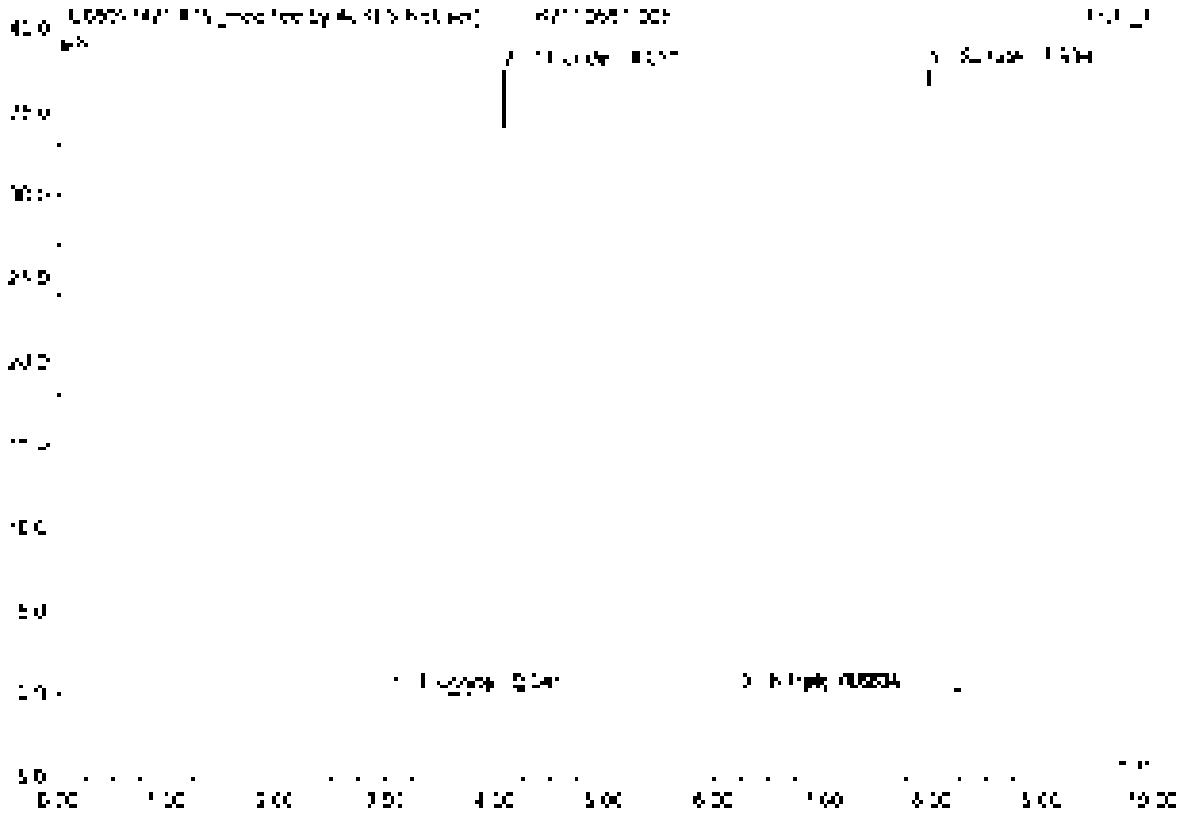
Sample Name	K2110687-004	Injection Volume	25.0
Vial Number	12	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Processing Time	9/15/2021 2:04	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Chloride	0.527	0.345	5.40	3.065	BMB
2	4.05	Chlorate	5.652	0.534	8.37	6.546	BMB
3	6.25	Nitrate	0.225	0.040	0.63	0.182	BMB
4	6.81	n.a.	0.157	0.070	1.11	n.a.	BMB
5	7.93	Sulfate	33.076	5.209	82.57	82.039	BMB
Total:			39.707	6.368	100.00	92.831	

79 K2110687-005

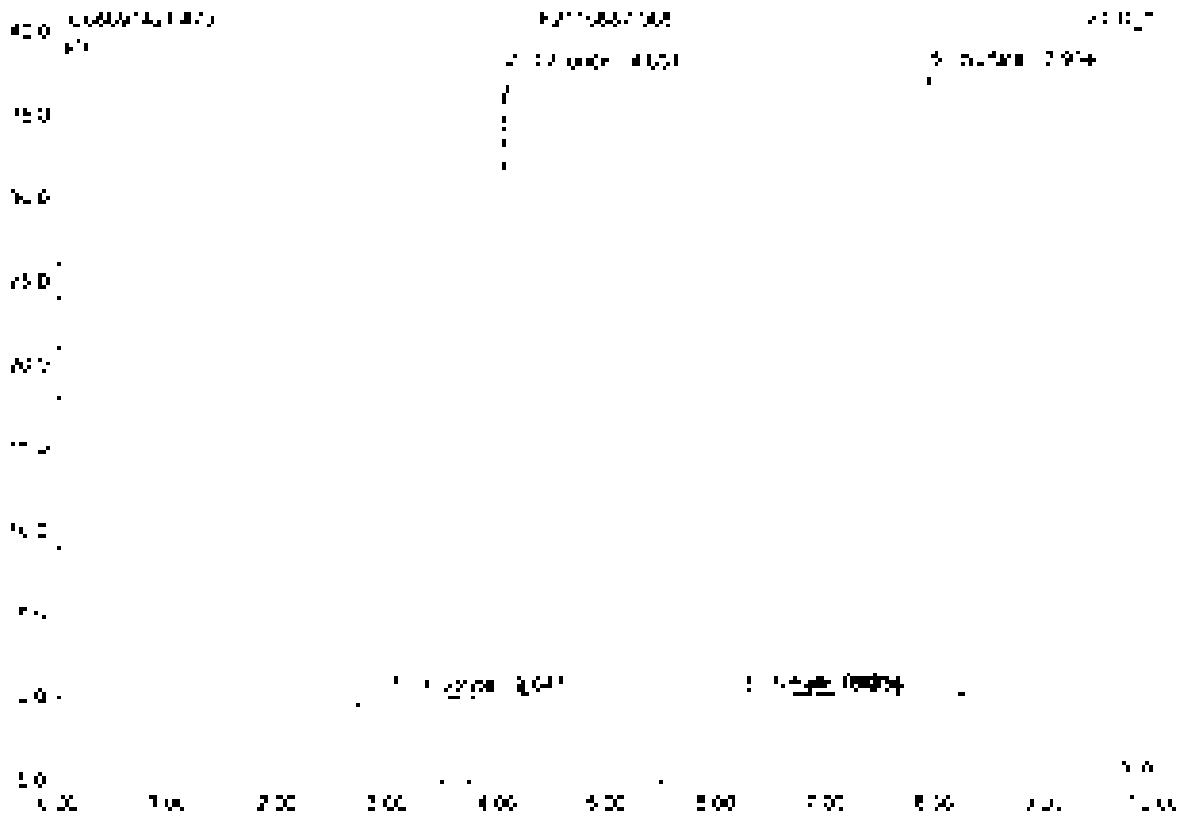
Sample Name	K2110687-005	Injection Volume	25.0
Vial Number	19	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	9/15/2021 2:55	Sample Weight	1.0000
Run Time (max.)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.24	Fluoride	0.478	0.295	2.86	2.620	BMB*
2	4.05	Chloride	37.483	3.385	32.78	37.084	BMB
3	5.22	Nitrite	0.025	0.003	0.03	0.016	BVB*
4	5.82	n.a.	0.183	0.061	0.59	n.a.	BVB*
5	7.20	Sulfate	37.587	6.584	63.73	102.511	BMB
Total:			75.717	10.328	100.00	142.231	

79 K2110687-005

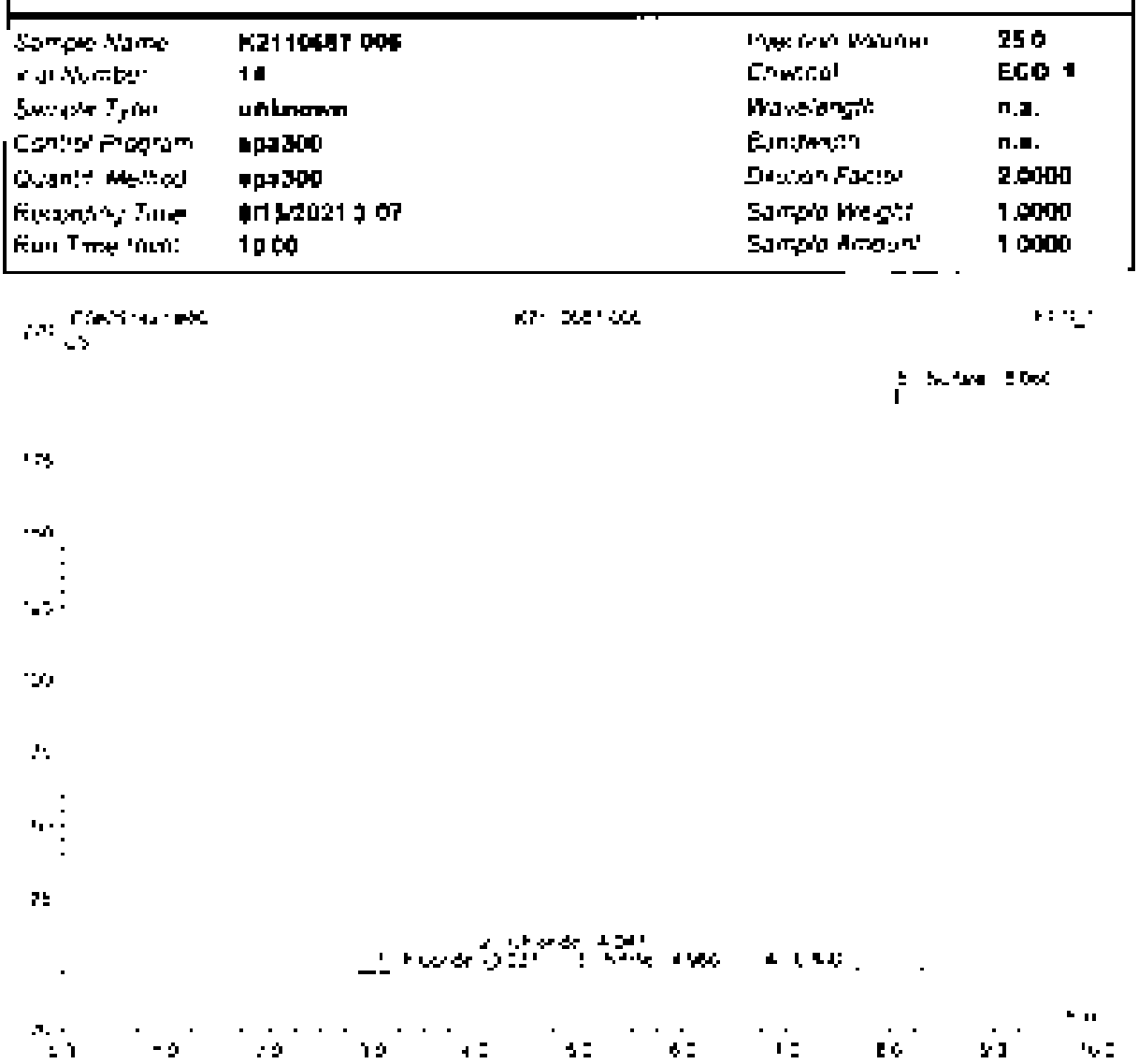
Sample Name	K2110687-005	Injection Volume	35.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	9/15/2021 2:55	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.04	Fluoride	0.978	0.335	2.85	2.620	BVB
2	4.05	Chloride	37.453	3.355	32.74	37.034	BVB
3	5.20	Nitrate	0.343	0.014	0.14	0.065	BVB
4	6.88	Phosphate	0.140	0.061	0.59	n.a.	BMB
5	7.93	Sulfate	37.937	6.554	63.68	102.501	BVB
Total:			76.735	10.335	100.00	142.220	

80 K2110687-006

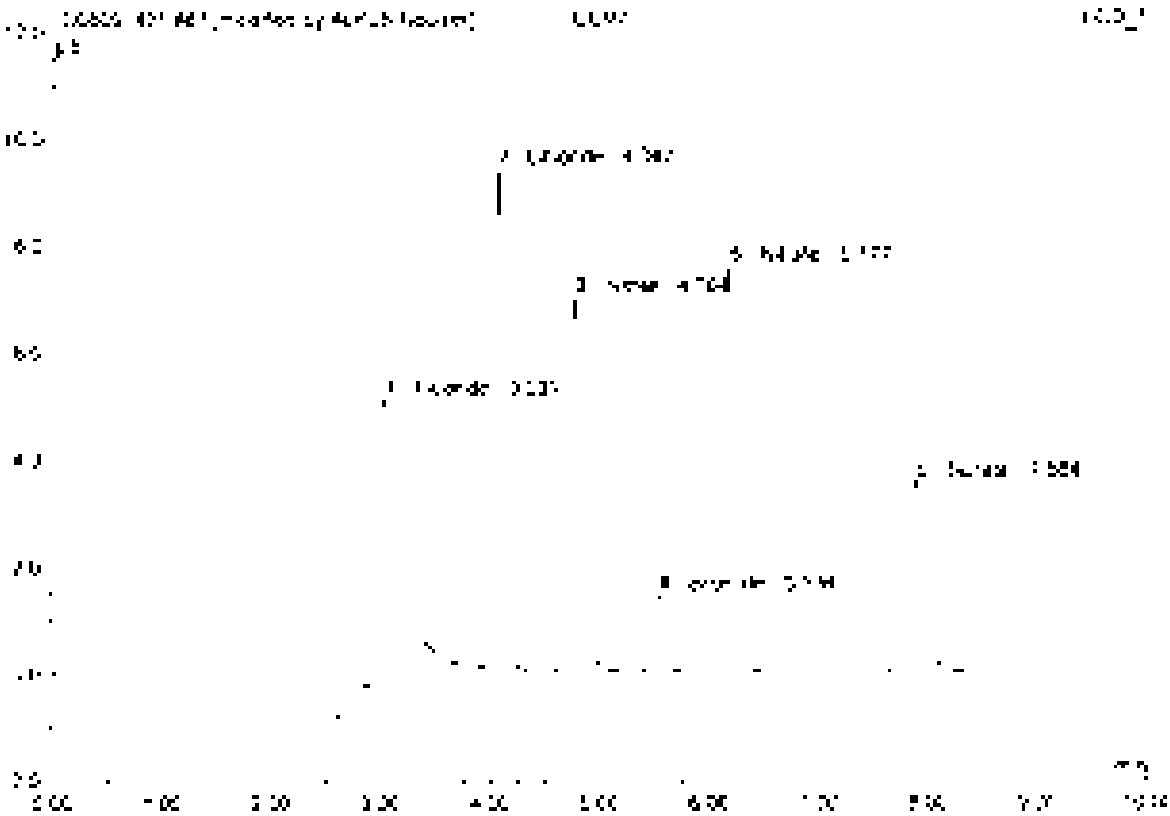
Sample Name	K2110687-006	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantit. Method	wpa300	Dilution Factor	2.0000
Acquisition Time	9/15/2021 9:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	0.626	0.155	0.36	2.154	BMB
2	4.35	Chloride	6.142	0.552	1.44	6.459	BMB
3	4.96	Nitrite	0.020	0.006	0.04	0.089	BMB
4	6.50	n.a.	0.746	0.065	0.16	n.a.	BMB
5	8.26	Sulfate	146.703	40.009	97.40	623.395	BMB
Total:			305.645	41.067	100.00	632.131	

81 CCV7

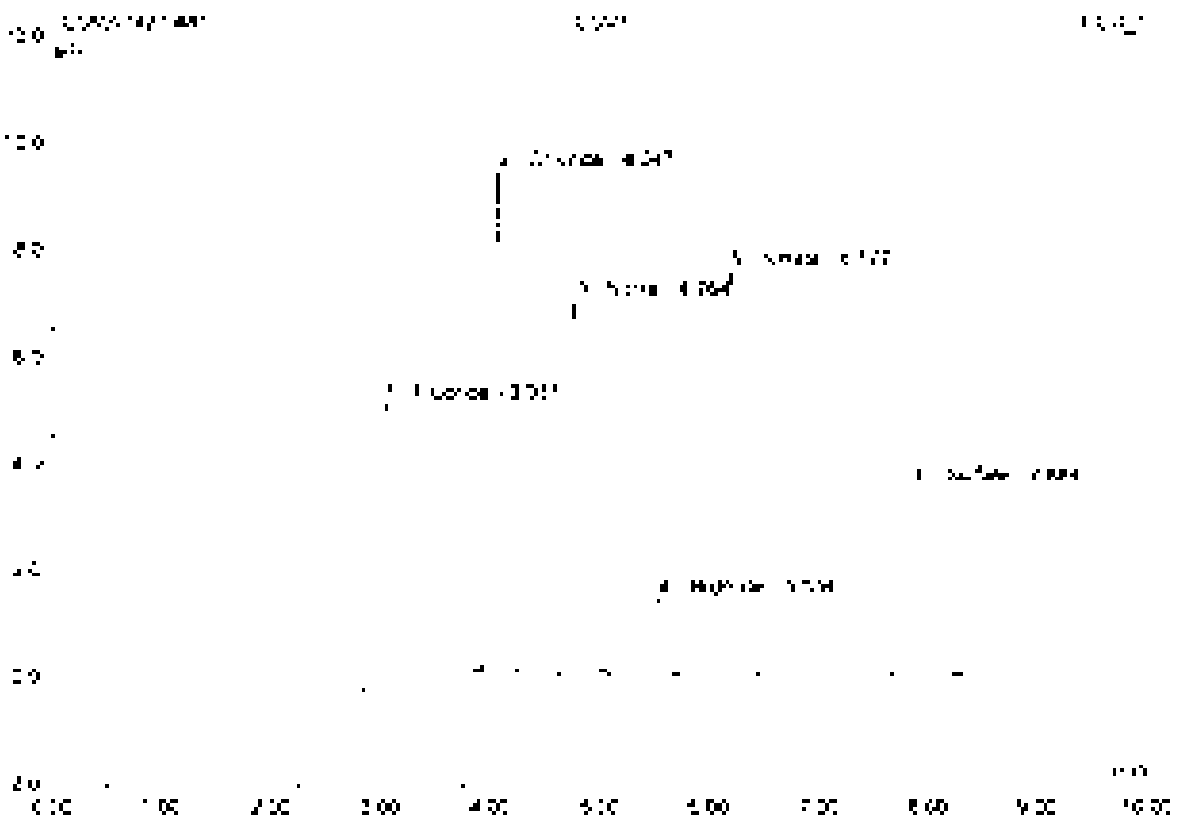
Sample Name	CCV7	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Config. Program	spa300	Solvent	n.a.
Quantif. Method	spa300	Dilution Factor	1.0000
Recovery Time	9/15/2021 3:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	5.282	1.140	23.55	5.072	BMB*
2	4.05	Chloride	9.364	0.556	11.70	4.650	BMB*
3	4.75	Nitrite	7.006	0.910	18.95	2.557	BMB*
4	5.53	Bromide	1.454	0.178	3.66	2.408	BMB
5	6.15	Nitrate	7.590	1.048	21.74	2.272	BMB
6	7.85	Sulfate	3.538	0.685	14.22	5.735	BMB
Total:			34.233	4.821	100.00	22.695	

61 CCV7

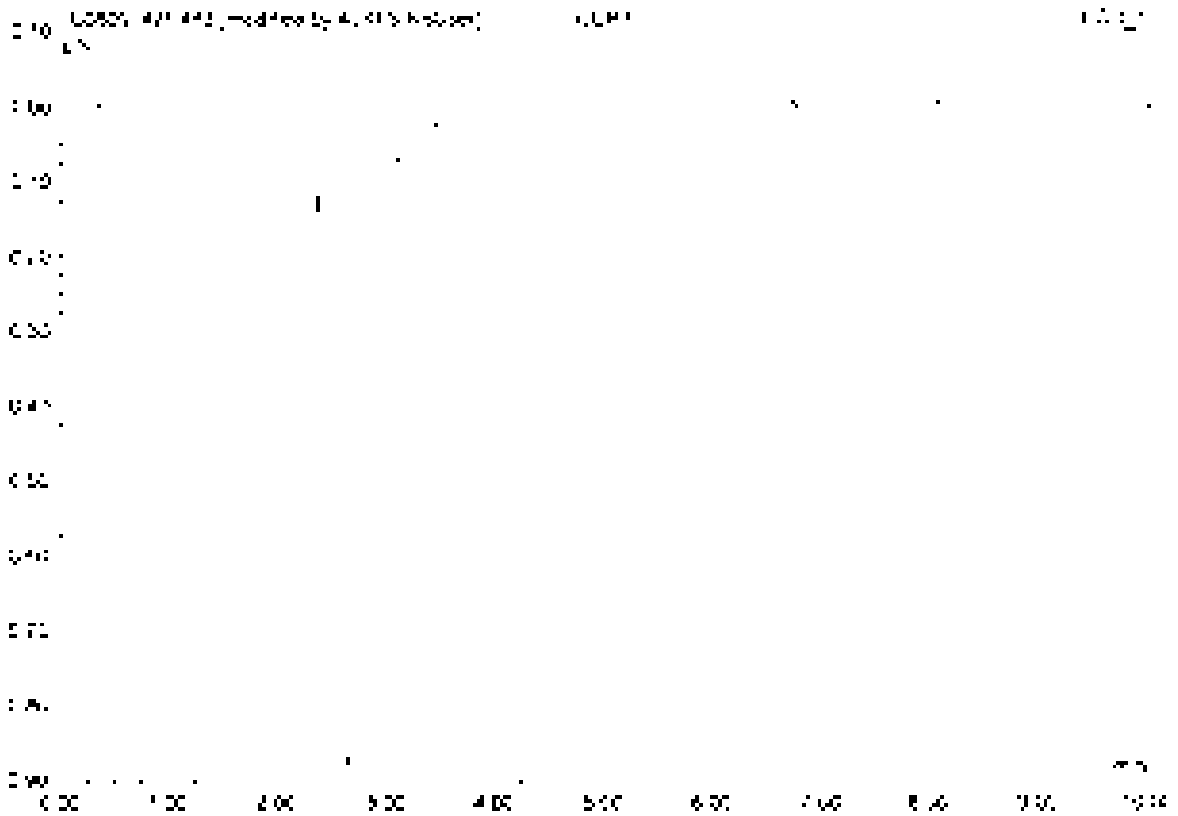
Sample Name	CCV7	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	5/15/2021 8:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.03	Fluoride	5.316	1.224	25.94	5.443	BVb
2	4.05	Chloride	5.558	0.853	17.47	4.675	bV3
3	4.75	Nitrite	6.535	0.868	18.39	2.515	BMB
4	5.53	Bromide	1.454	0.178	3.64	2.408	BMB
5	6.18	Nitrate	7.590	1.048	21.45	2.272	BMB
6	7.88	Sulfate	3.558	0.685	14.03	5.235	BVB
Total:			34.265	4.887	100.00	22.748	

#2 CCB7

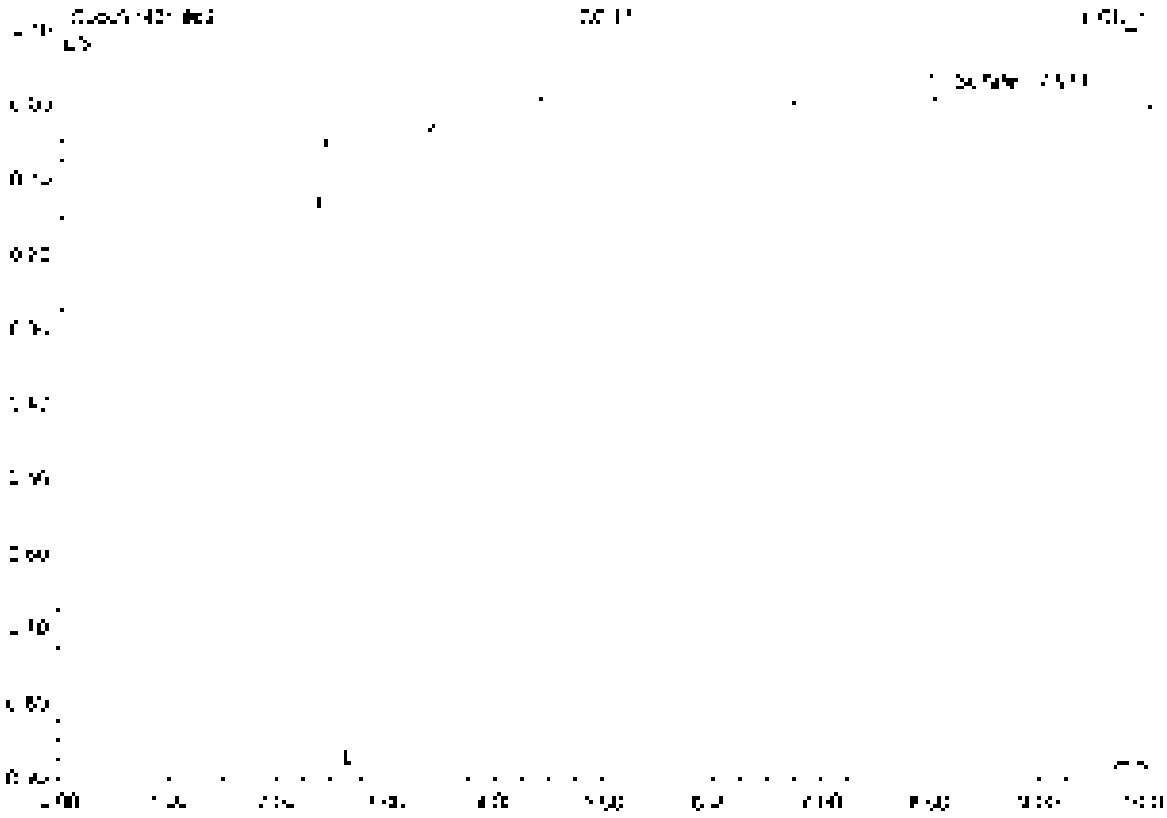
Sample Name	CCB7	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quantitation Method	spa300	Dilution Factor	1.0000
Recording Time	9/15/2021 3:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

#2 CCB7

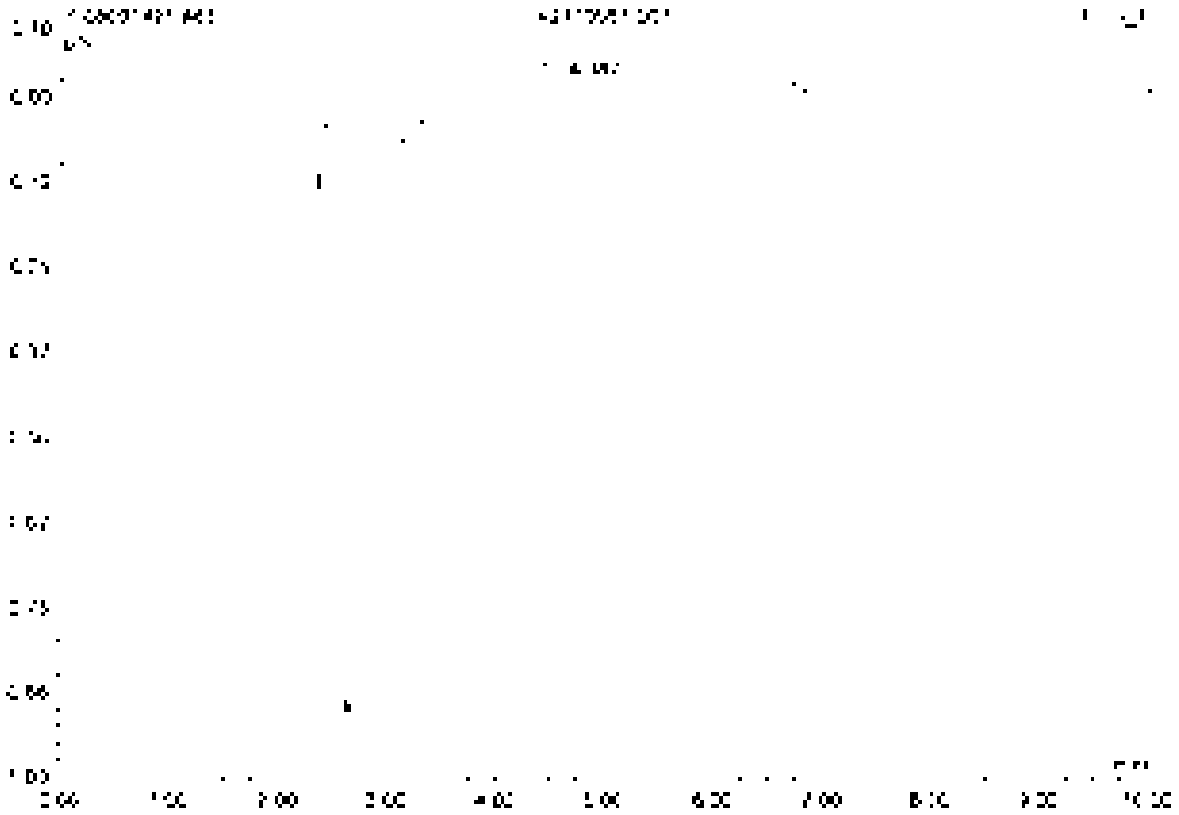
Sample Name	CCB7	Injection Volume	25.0
Vial Number	47	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Cooling Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 5:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Sulfate	3267	3060	100.00	23.820	BMB
Total:			3267	3060	100.00	23.820	

83 K2110687-007

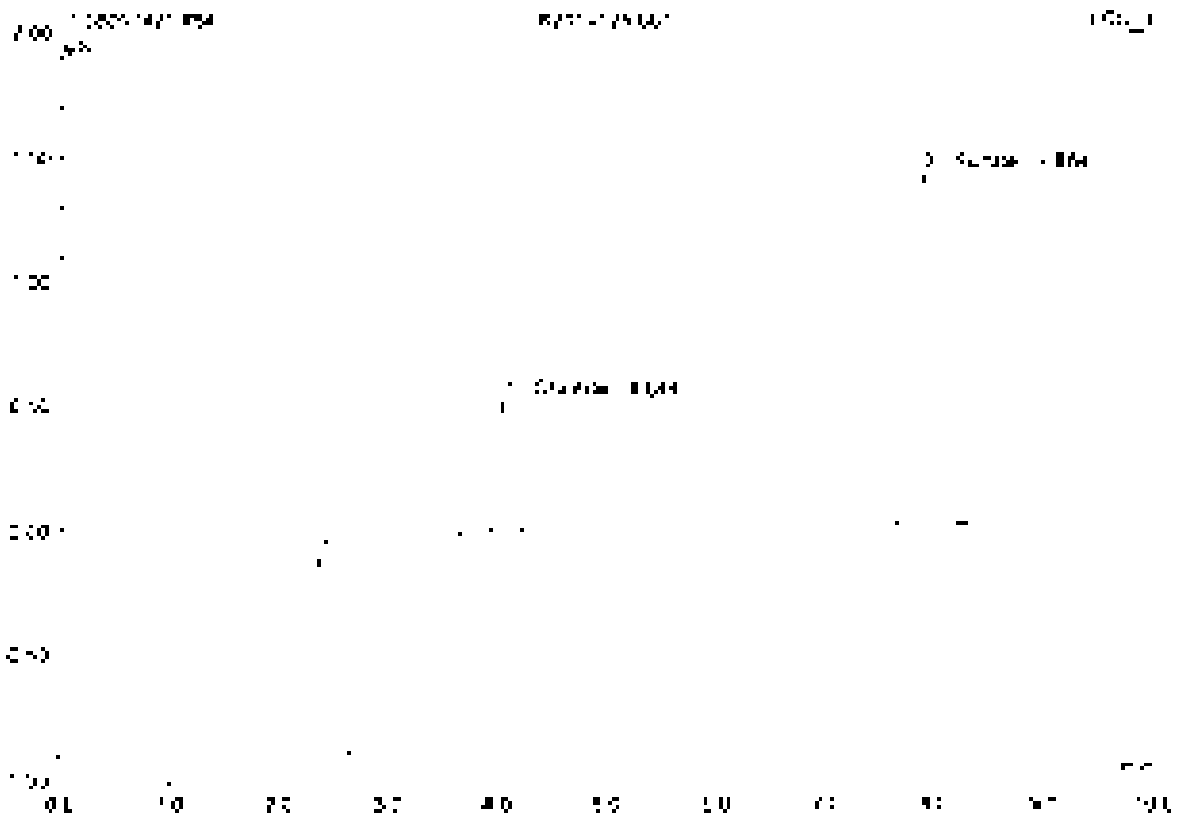
Sample Name	K2110687-007	Injection Volume	25.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantit. Method	wpa300	Dilution Factor	2.0000
Recording Time	9/15/2021 1:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.30	n.a.	3.714	3.793	100.00	n.a.	BMB
Total:			3.714	3.793	100.00	0.000	

84 K2110125-001

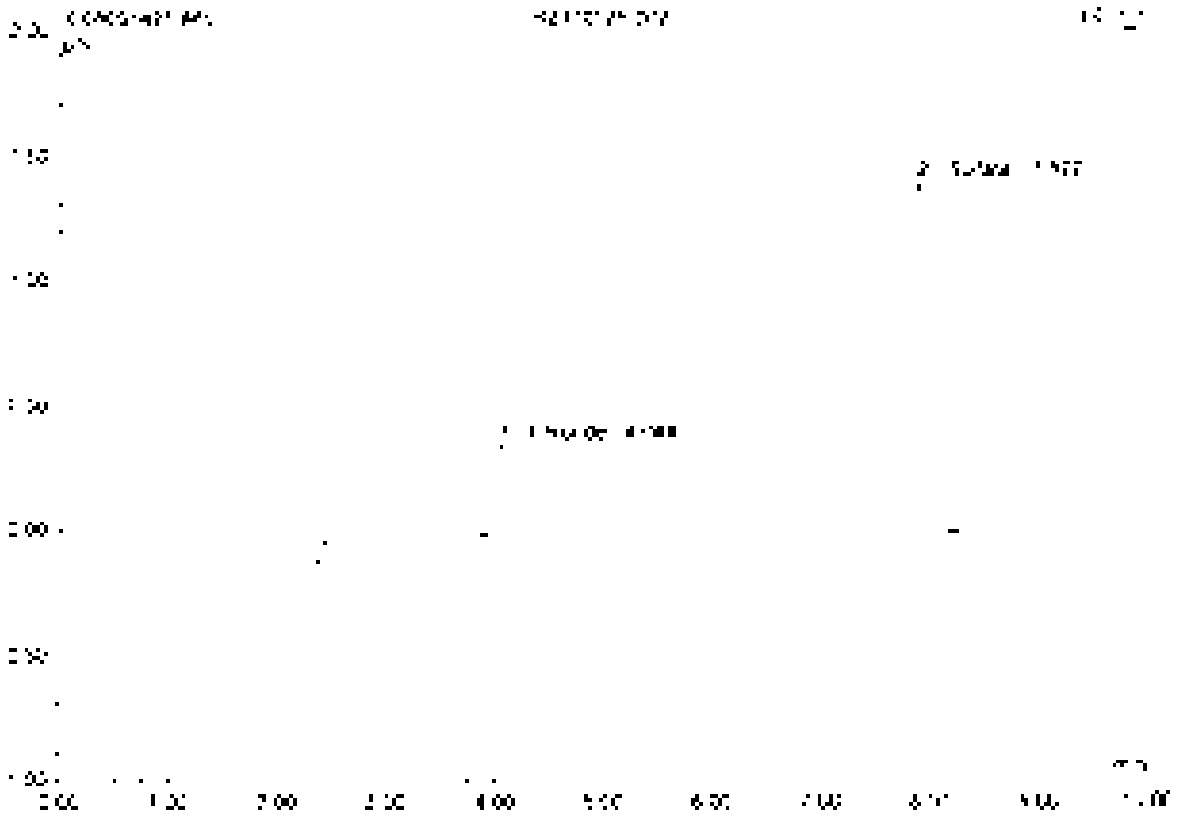
Sample Name	K2110125-001	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	8/15/2021 4:56	Sample Weight	1.0000
Run Time (max.	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.08	Chloride	3128	3.051	16.27	2.936	BMB
2	7.89	Sulfate	1409	3.265	83.73	43.218	BMB
Total:			1527	3.316	100.00	46.154	

85 K2110125-002

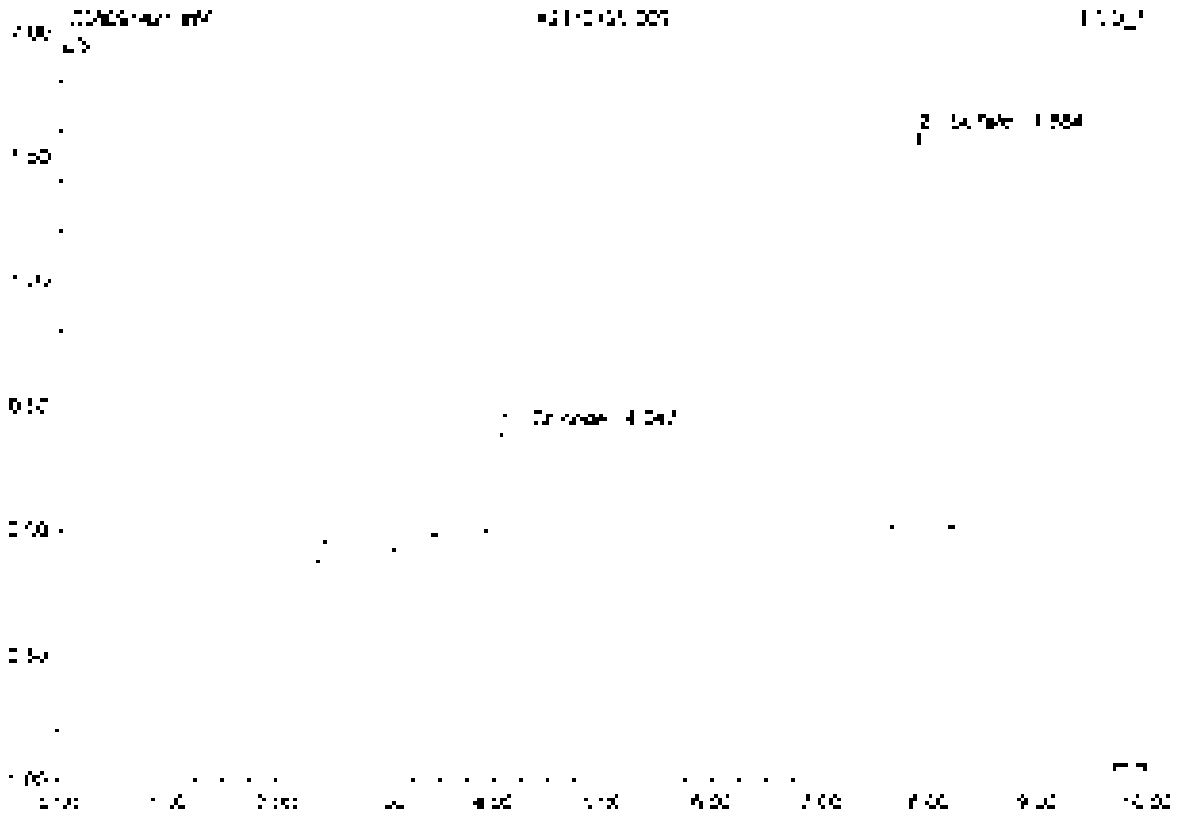
Sample Name	K2110125-002	Injection Volume	25.0
Vial Number	87	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantif. Method	wpa300	Dilution Factor	20.0000
Recording Time	5/15/2021 4:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	4.04	Chlorate	0.367	0.037	[illegible]	[illegible]	BMB
2	7.88	Sulfate	[illegible]	0.262	[illegible]	[illegible]	BMB
Total:			[illegible]	0.300	100.00	[illegible]	

88 K2110125-009

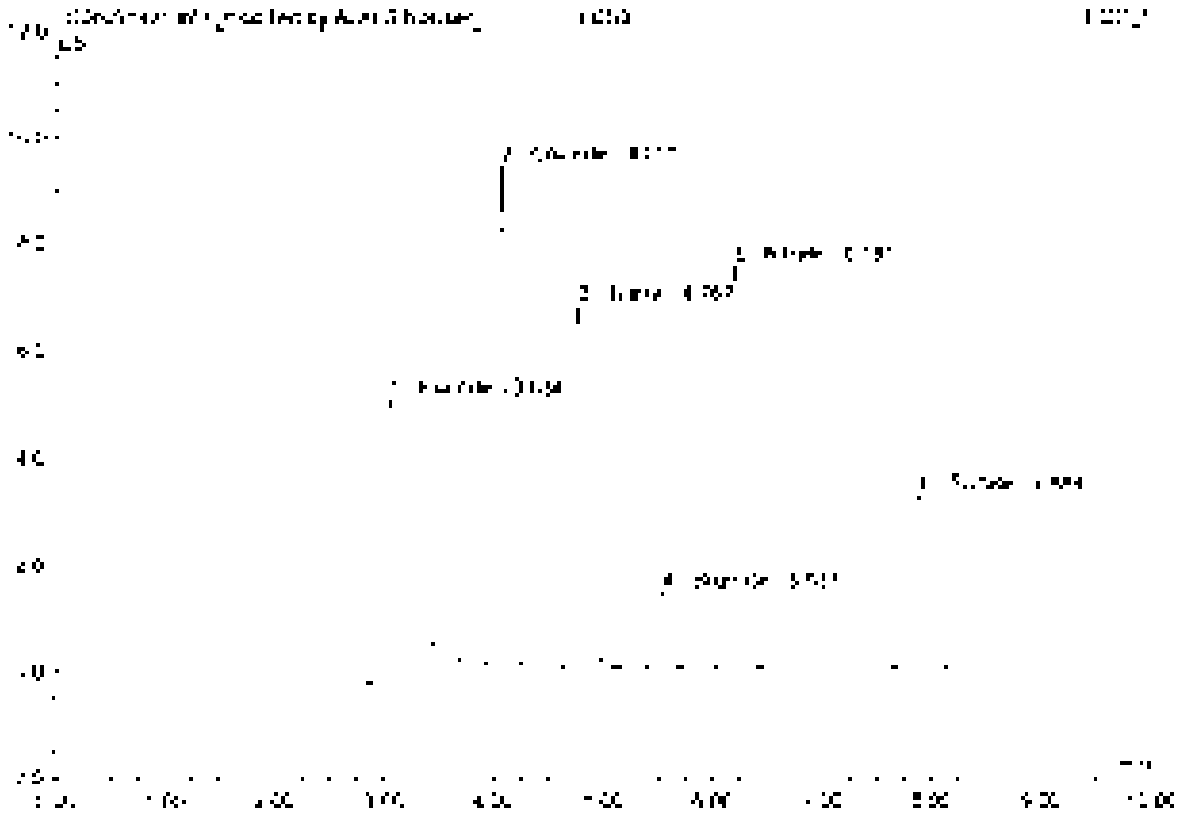
Sample Name	K2110125-009	Injection Volume	25.0
Vial Number	18	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	20.0000
Processing Time	9/15/2021 4:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.407	0.949	11.82	4.242	BMB
2	7.88	Sulfate	1.586	3.796	88.18	46.163	BMB
Total:			1.993	3.336	100.00	50.515	

87 LCS3

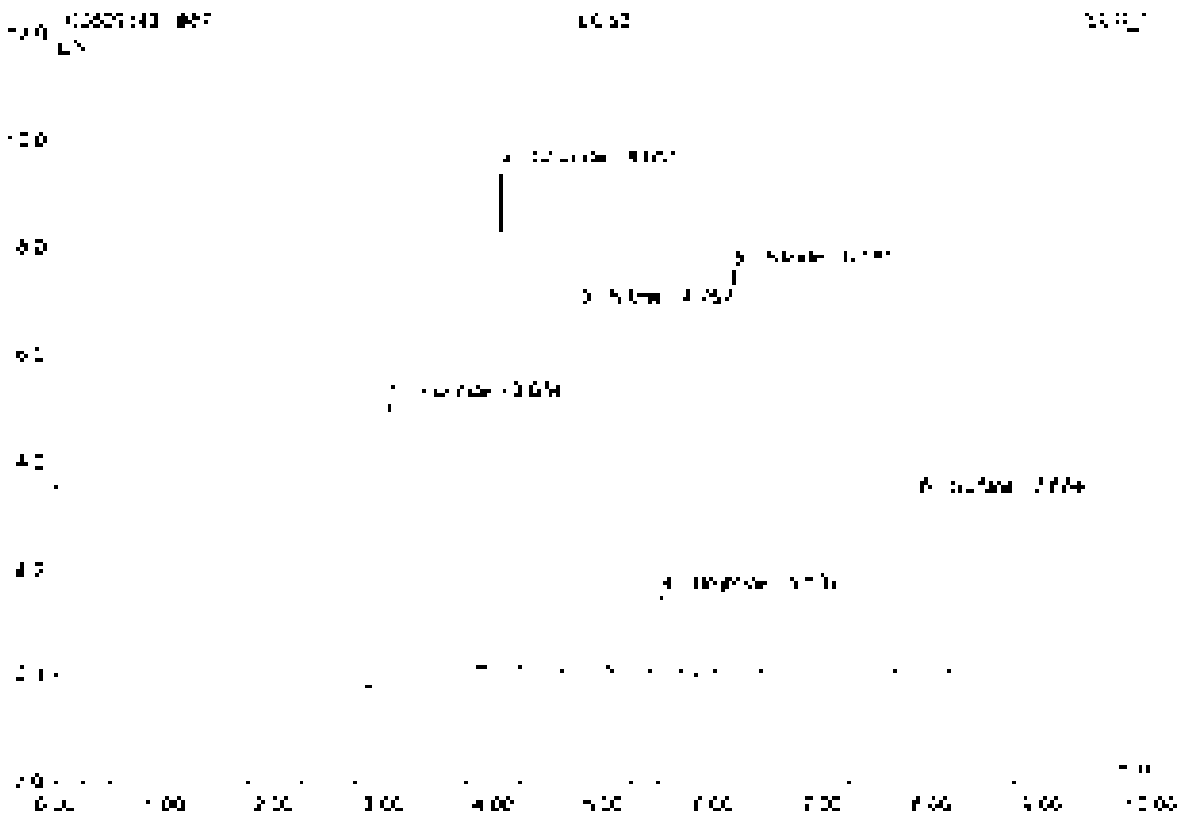
Sample Name	LCS3	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 4:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	5.255	1.145	26.22	5.090	BMB*
2	4.05	Chloride	9.362	0.557	18.12	4.650	BMB*
3	4.77	Nitrite	6.801	0.537	18.77	2.484	BMB*
4	5.54	Bromide	1.462	0.175	3.79	2.425	BMB
5	6.15	Nitrate	7.554	1.041	22.00	2.357	BMB
6	7.85	Sulfate	3.280	0.618	13.07	4.810	BMB
Total:			33.716	4.727	100.00	21.852	

#7 LCS3

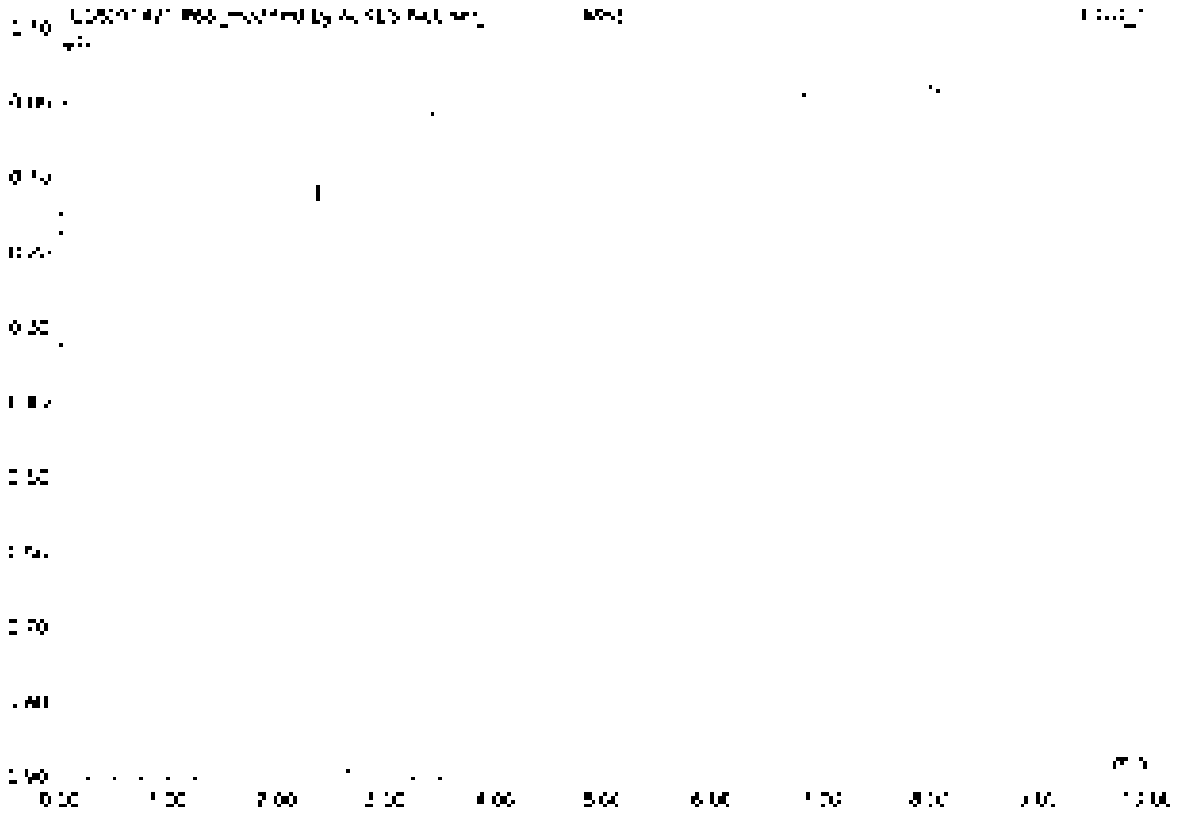
Sample Name	LCS3	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	2/15/2021 4:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	5.283	1.215	24.42	5.436	BMB
2	4.05	Chloride	6.352	0.854	17.17	4.678	BMB
3	4.77	Nitrite	5.784	0.872	18.25	2.442	BMB
4	5.54	Bromide	1.462	0.175	3.75	2.428	BMB
5	6.18	Nitrate	7.554	1.347	27.79	2.557	BMB
6	7.89	Sulfate	9.283	0.612	12.83	6.510	BMB
Total:			33.722	4.780	100.00	22.115	

88 MB3

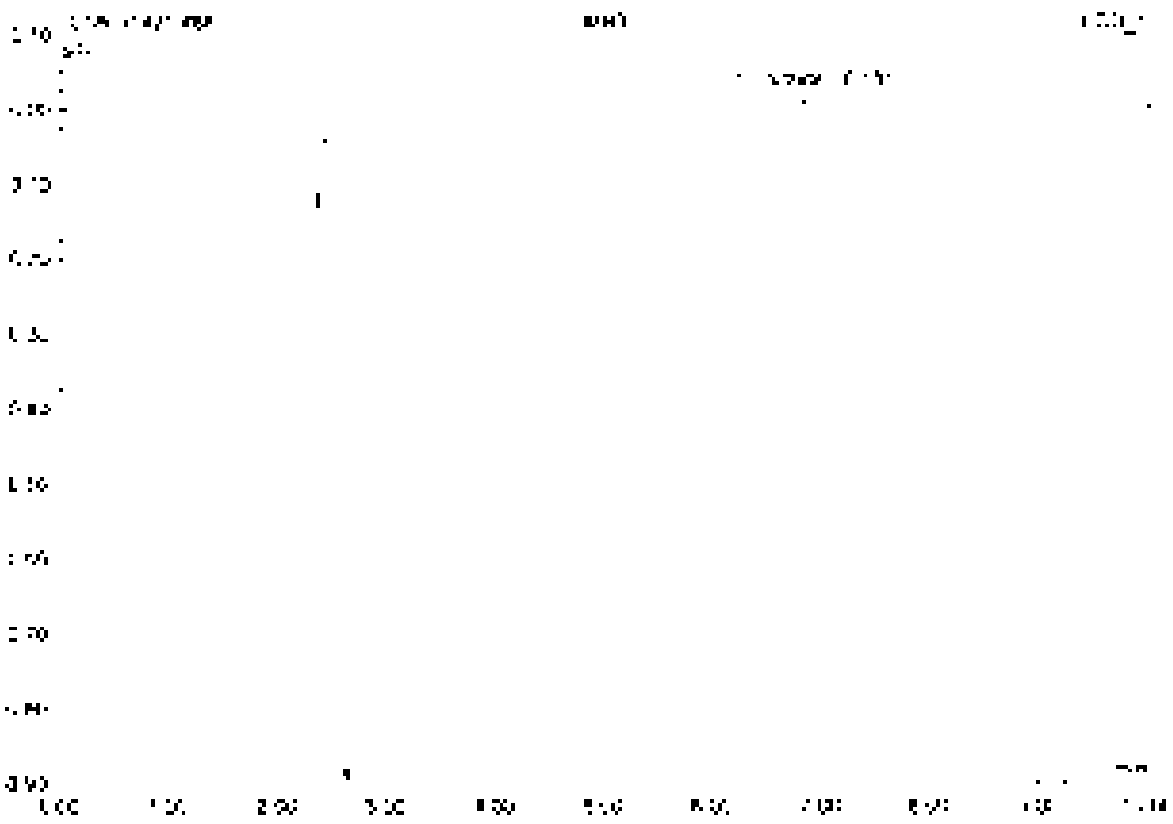
Sample Name	MB3	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Output Method	apa300	Dilution Factor	1.0000
Acquisition Time	5/15/2021 4:43	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

88 MB3

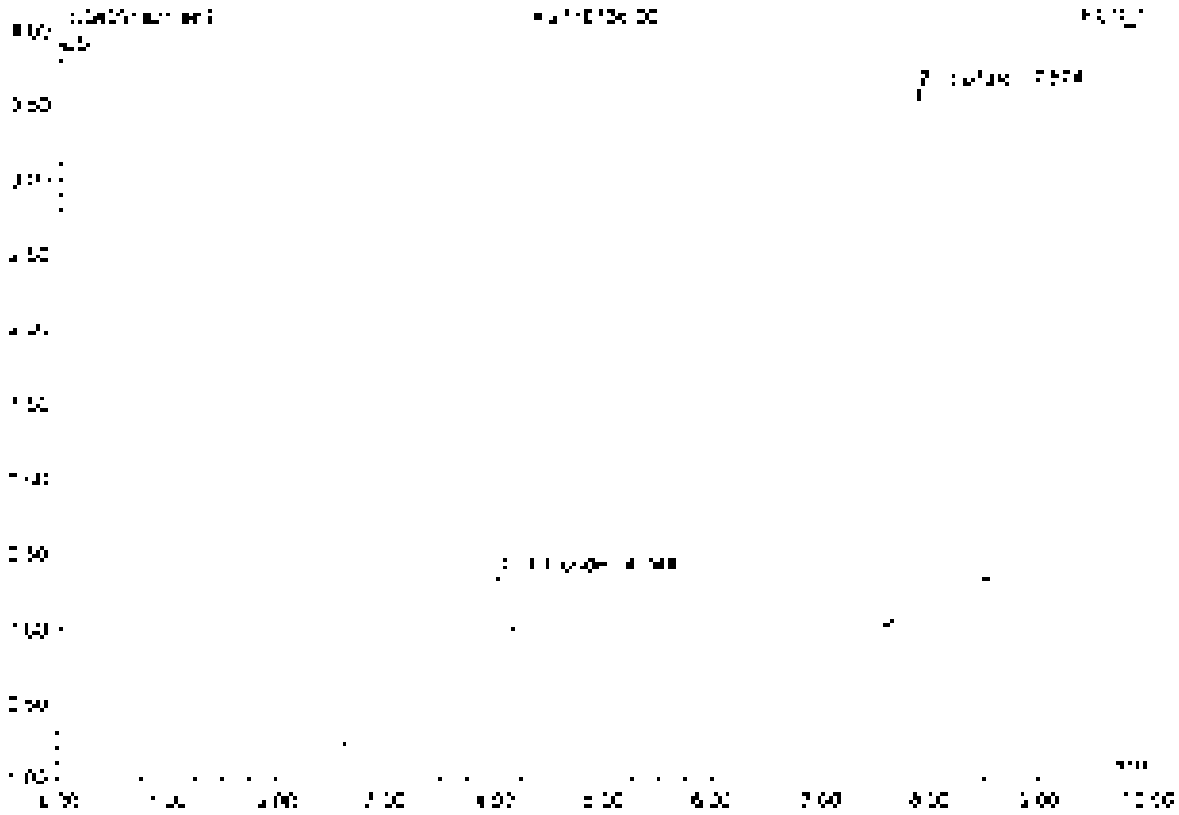
Sample Name	MB3	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Output Method	wpa300	Dilution Factor	1.0000
Recording Time	9/15/2021 4:43	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.18	Nitrate	0.489	3.208	100.00	5.200	BMB
Total:			0.489	3.208	100.00	5.200	

89 K2110138-001

Sample Name	K2110138-001	Injection Volume	35.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	20.0000
Recording Time	[illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	0.357	0.034	4.39	3.654	BMB
2	7.87	Sulfate	3.456	0.732	95.61	113.863	BMB
Total:			3.844	0.767	100.00	117.517	

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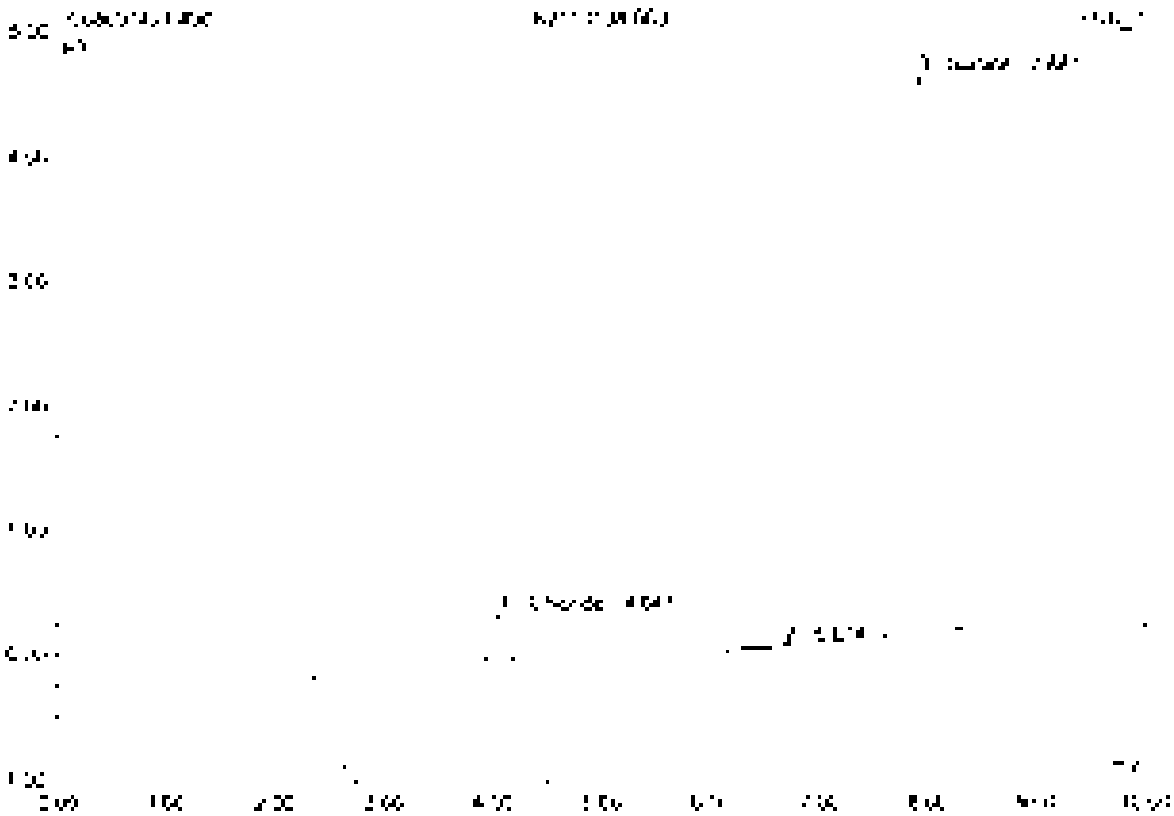
80 K2110138-003

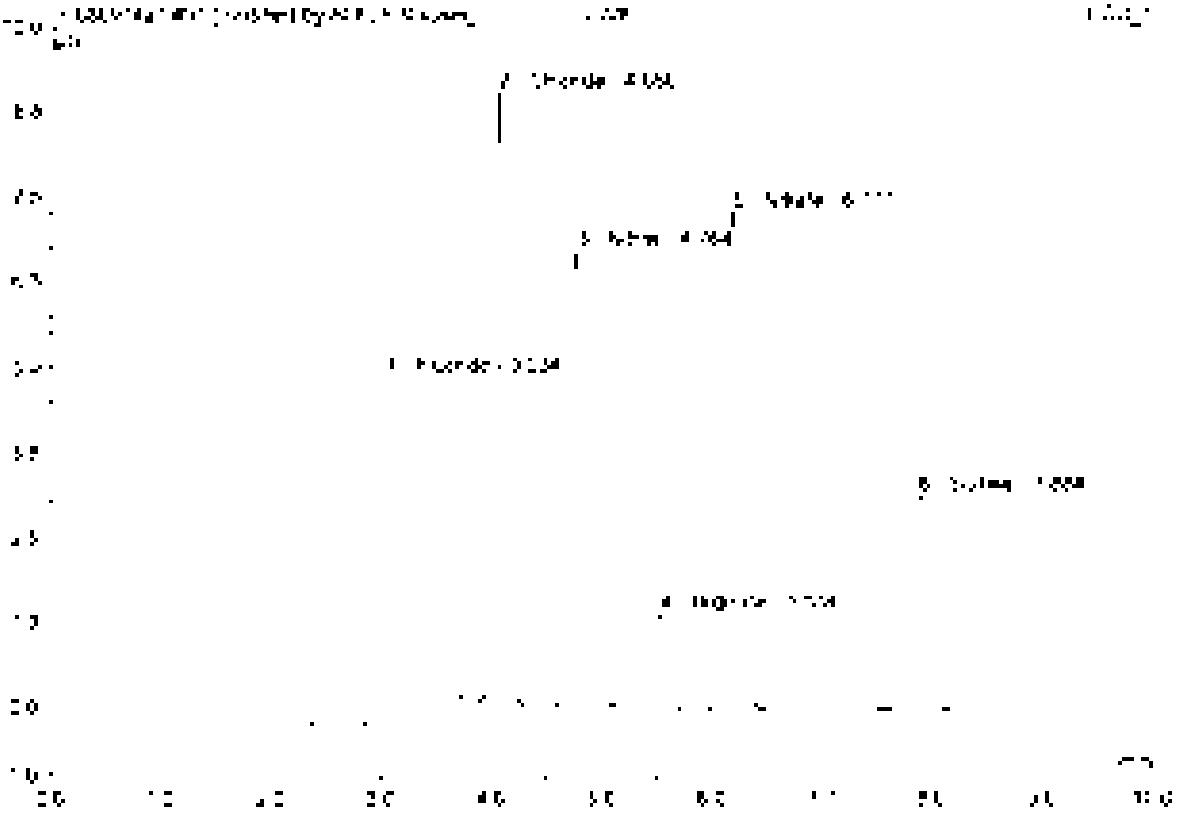
Sample Name:	K2110138-003	Injection Volume	25.0
Vial Number:	80	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	9/16/2021 6:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BV[illegible]
2	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BV[illegible]
3	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BV[illegible]
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

91 CCV8

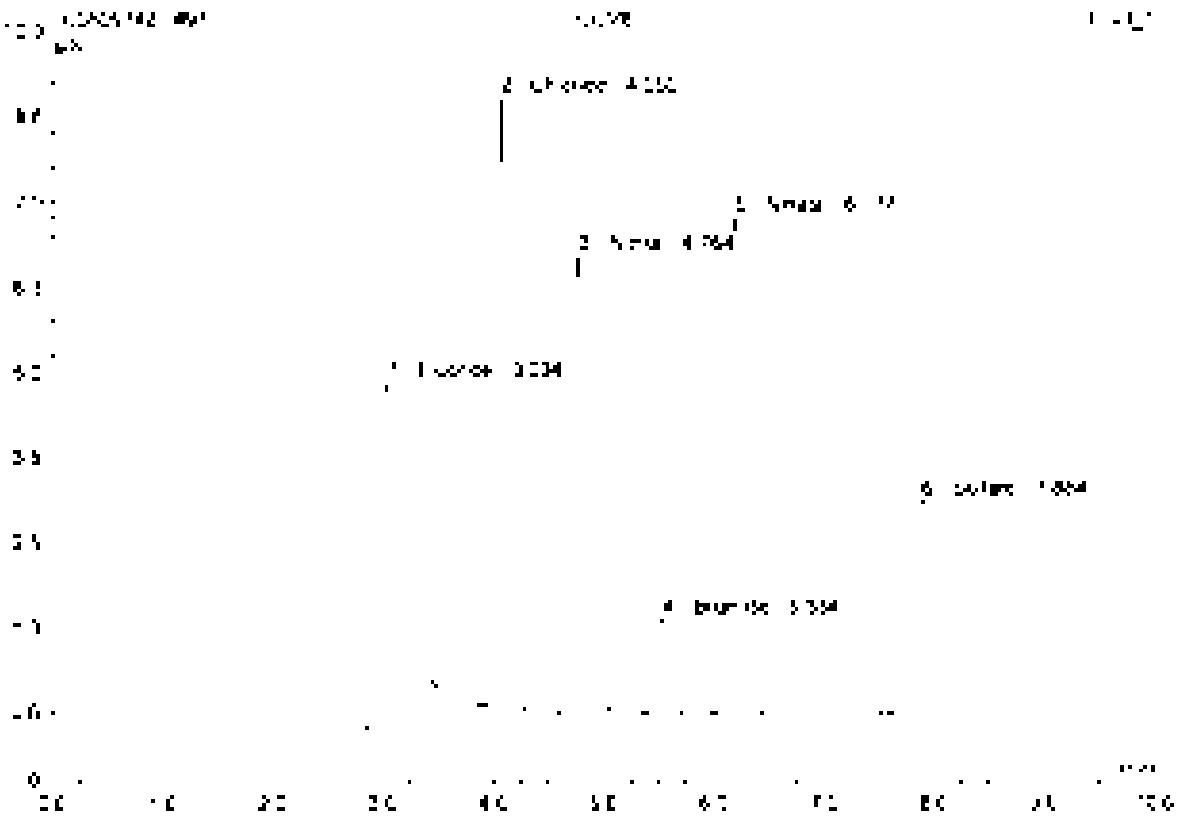
Sample Name:	CCV8	Injection Volume:	25.0
Vial Number:	48	Channel:	ECD 1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Control Method:	epa300	Dilution Factor:	1.0000
Recording Time:	9/15/2021 5:19	Sample Weight:	1.0000
Run Time (min):	10.00	Sample Amount:	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	5.349	[illegible]	24.08	4.902	BMB*
2	4.05	Chloride	0.372	0.024	18.01	4.513	BMB*
3	4.76	Nitrite	6.753	0.077	19.16	2.455	BMB*
4	5.53	Bromide	1.406	0.172	1.76	2.333	BMB
5	6.19	Nitrate	7.316	1.006	21.09	2.277	BMB
6	7.85	Sulfate	3.177	0.595	13.30	4.621	BMB
Total:			32.615	[illegible]	100.00	21.112	

91 CCV8

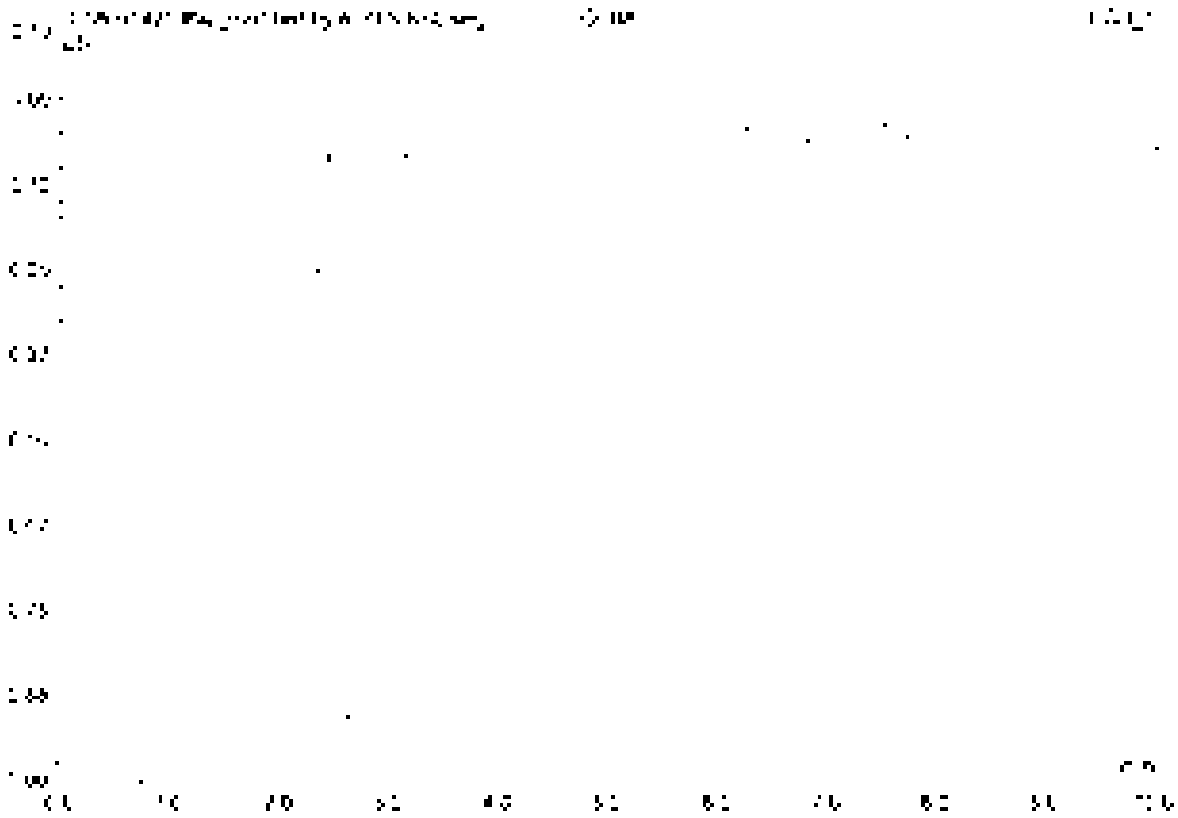
Sample Name	CCV8	Injected Volume	2.0
Run Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 5:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.63	Fluoride	5.077	[illegible]	25.29	5.535	BMB
2	4.05	Chloride	8.965	0.820	17.72	4.432	BMB
3	4.70	Nitrite	6.717	0.864	18.67	2.419	BMB
4	5.53	Bromide	[illegible]	[illegible]	[illegible]	2.511	BMB
5	6.18	Nitrate	7.519	1.005	21.75	2.277	BMB
6	7.88	Sulfate	3.177	0.525	12.86	4.631	BMB
Total:			32.660	4.628	100.00	21.358	

92 CCB8

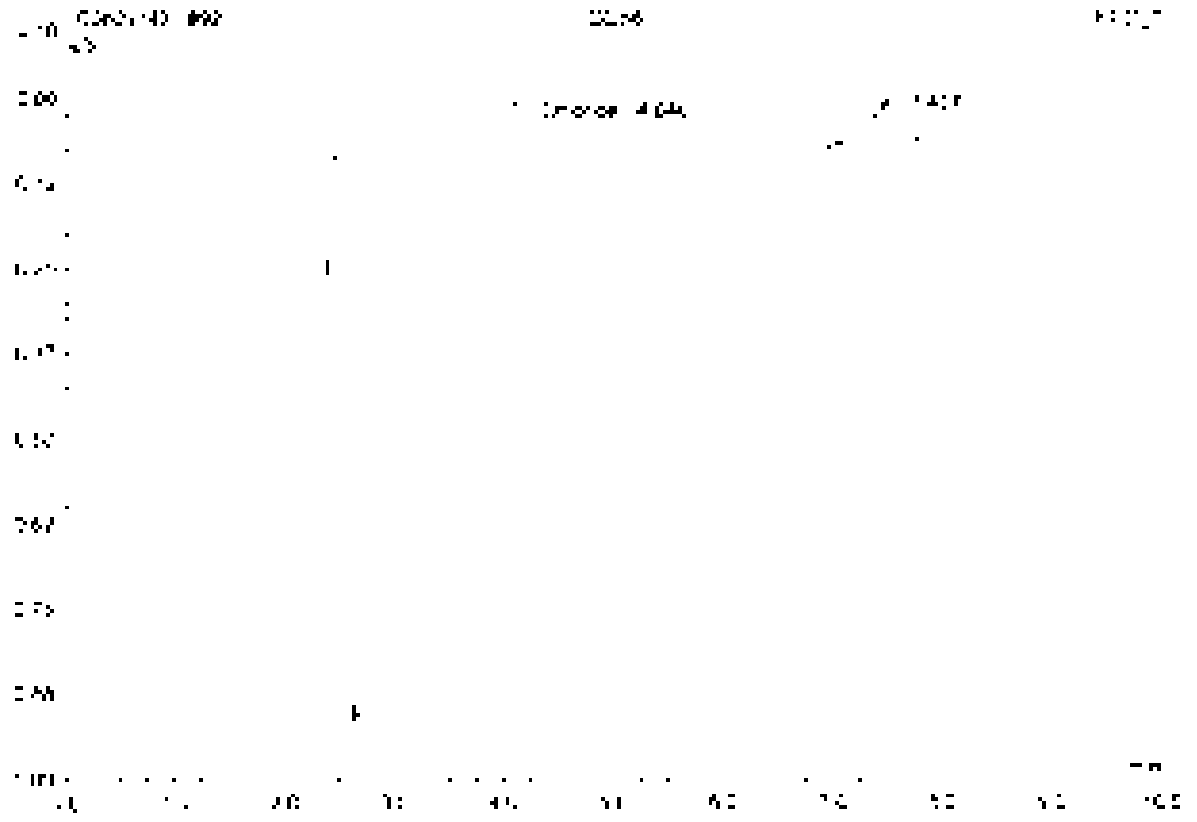
Sample Name	CCB8	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 5:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total			0.000	0.000	0.00	0.000	

92 CCB#

Sample Name	CCB#	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Method Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	1.0000
Acquisition Time	9/15/2021 5:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	0.605	1.771	99.27	9.701	BMB
2	7.41	n.a.	0.041	0.013	0.73	n.a.	bVB
Total			0.646	1.784	100.00	9.701	

	Yes	No	N/A
1. Holding times met for all samples analyzed?			
2. Analyte [illegible] within upper and lower limits of the curve?			
3. Analytical [illegible] acceptable?			
a. Does 300.0 QC/APP apply?			
4. Analytical [illegible] acceptable?			
5. Analytical [illegible] acceptable?			
a. Method blanks, CCVs, CCBs, LCSs, [illegible] and [illegible] analyzed at the proper frequency?			
b. Are CCVs and CCBs within acceptance limits?			
c. Are results for Method Blanks ND?			
d. Are all QC samples within acceptance criteria?			
e. [illegible] MS/MSD, Duplicate MRL [illegible]?			
f. Are [illegible] acceptable?			
6. Are all samples acceptable?			

QAS Exceptions Identified by Shaded and Above Lines Identified for Chromatograms

G1: Sample was analyzed past the end of the [illegible] holding time. See [illegible] sheet.
G2: Sample was analyzed past the holding time. [illegible] was performed within recommended holding time.
G4: Sample was [illegible] past the recommended holding time.
F1: High RPD [illegible] sample [illegible] MS and MSD [illegible] the method detection limit.
I: [illegible] sample [illegible] the sample [illegible]
I: Sample [illegible] analyzed.

LCS	[illegible]	[illegible]	[illegible]
Fluoride	True Value: 5.00ppm	[illegible]	
Chloride	True Value: 5.00ppm	[illegible]	
Nitrite	True Value: 2.50ppm	[illegible]	
Bromide	True Value: 2.50ppm	[illegible]	
Nitrate	True Value: 2.50ppm	[illegible]	
Sulfate	True Value: 5.00ppm	[illegible]	

CCV	[illegible]	[illegible]	[illegible]
Fluoride	True Value: 5.00ppm	[illegible]	
Chloride	True Value: 5.00ppm	[illegible]	
Nitrite	True Value: 2.50ppm	[illegible]	
Bromide	True Value: 2.50ppm	[illegible]	
Nitrate	True Value: 2.50ppm	[illegible]	
Sulfate	True Value: 5.00ppm	[illegible]	

Blank			
200.7ppm	[illegible]	[illegible]	[illegible]
Fluoride	[illegible]		
Chloride	[illegible]		
Nitrite	[illegible]		
Bromide	[illegible]		
Nitrate	[illegible]		
Sulfate	[illegible]		

Reviewed	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	Reviewer	Review Date	[illegible]	[illegible]	[illegible]

Analyst Initials: Date: [illegible]

Final Reviewer Initials: Date: [illegible]

Final Reviewer: [illegible] Date: 9/13/23

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Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Template: [illegible]

Lab Code	Parent Sample Type	QC	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DL	MDL	RDL	Notes	% RSD	Date Analyzed	QC?	Run
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]

* [illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Technique: [illegible]

Lab Code	Analyte Name	Qn	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	PQL	% Rec	%RSD	Date Analyzed	QC?	Int
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Textcode: [illegible]

Lab Code	Client Analyte	SR	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	DF	MDL	RDL	% Rec	% RSD	Date Analyzed	QC	Int
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Testcode: [illegible]

Test Code	Target Analyte	DL	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Def
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]						[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]						[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Testcode: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	RDL	% Rec	% RSD	Date Analyzed	QC?	Dup
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]						[illegible]	N	N
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	N
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	N
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	N
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	N
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	N
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	N
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	N
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	N

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method/Protocol: [illegible]

Lab Code	Parent Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	PQL	% Rec	%RSD	Date Analyzed	QC?	Int
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method/Testcode: [illegible]

Lab Code	Target Analyte	QS	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DF	MDL	RDL	% Recov	% RSD	Date Analyzed	QC?	Qual
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]	[illegible]	[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	B

[illegible]

[illegible] Page 5 Summary [illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Reference: [illegible]

Lab Sample	Target Analyte	QL	Target Quantity	Matrix	Raw Result	Sample Amt.	Final Result	DF	MDL	RQL	Qualifier	Sample	Date Analyzed	QC	Error
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	1
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	1
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	1
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	1
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	15
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	15
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	15
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	15
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	15
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	15
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	15
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	15
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	15
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	15
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	15
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	15
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	15
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	15

[illegible]

[illegible] [illegible] Page [illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Template: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	Qf	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Tag
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]

Operator [illegible]

Location [illegible]

Timebase [illegible]

No.	Name	Type	Pos.	Temp.	Program	Method	Status	Date/Time
[illegible]	[illegible]	Standard	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Standard	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Standard	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Standard	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Standard	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Standard	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Standard	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Standard	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]
[illegible]	[illegible]	Unknown	[illegible]	25.0	epa300	epa300	Finished	[illegible]

Date: [illegible]
Database: [illegible]
Location: [illegible]
Timebase: [illegible]
Samples: [illegible]

Overlay: [illegible]
Last Update: [illegible]

No.	Name	D	Range	Comment
1	[illegible]	[illegible]	[illegible]	
2	[illegible]	[illegible]	[illegible]	
3	[illegible]	[illegible]	[illegible]	
4	[illegible]	[illegible]	[illegible]	
5	[illegible]	[illegible]	[illegible]	
6	[illegible]	[illegible]	[illegible]	
7	[illegible]	[illegible]	[illegible]	
8	[illegible]	[illegible]	[illegible]	
9	[illegible]	[illegible]	[illegible]	
10	[illegible]	[illegible]	[illegible]	
11	[illegible]	[illegible]	[illegible]	
12	[illegible]	[illegible]	[illegible]	
13	[illegible]	[illegible]	[illegible]	
14	[illegible]	[illegible]	[illegible]	
15	[illegible]	[illegible]	[illegible]	
16	[illegible]	[illegible]	[illegible]	
17	[illegible]	[illegible]	[illegible]	
18	[illegible]	[illegible]	[illegible]	
19	[illegible]	[illegible]	[illegible]	
20	[illegible]	[illegible]	[illegible]	
21	[illegible]	[illegible]	[illegible]	
22	[illegible]	[illegible]	[illegible]	
23	[illegible]	[illegible]	[illegible]	
24	[illegible]	[illegible]	[illegible]	
25	[illegible]	[illegible]	[illegible]	
26	[illegible]	[illegible]	[illegible]	
27	[illegible]	[illegible]	[illegible]	
28	[illegible]	[illegible]	[illegible]	
29	[illegible]	[illegible]	[illegible]	
30	[illegible]	[illegible]	[illegible]	
31	[illegible]	[illegible]	[illegible]	
32	[illegible]	[illegible]	[illegible]	
33	[illegible]	[illegible]	[illegible]	
34	[illegible]	[illegible]	[illegible]	
35	[illegible]	[illegible]	[illegible]	
36	[illegible]	[illegible]	[illegible]	
37	[illegible]	[illegible]	[illegible]	
38	[illegible]	[illegible]	[illegible]	
39	[illegible]	[illegible]	[illegible]	
40	[illegible]	[illegible]	[illegible]	
41	[illegible]	[illegible]	[illegible]	
42	[illegible]	[illegible]	[illegible]	

Time
Calibration [illegible]
Location [illegible]
Temperature [illegible] Operator [illegible]
Barometer [illegible] Last Update [illegible]

No.	Name	Type	Pos.	Vol.	Program	Method	Status	Date/Time
43	[illegible]	Unknown	28	25.0	epa300	epa300	Finished	[illegible]
44	[illegible]	Unknown	29	25.0	epa300	epa300	Running	[illegible]
45	[illegible]	Unknown	30	25.0	epa300	epa300	Finished	[illegible]
46	[illegible]	Unknown	31	25.0	epa300	epa300	Finished	[illegible]
47	[illegible]	Unknown	32	25.0	epa300	epa300	Finished	[illegible]
48	[illegible]	Unknown	33	25.0	epa300	epa300	Finished	[illegible]
49	[illegible]	Unknown	34	25.0	epa300	epa300	Finished	[illegible]
50	[illegible]	Unknown	35	25.0	epa300	epa300	Finished	[illegible]
51	[illegible]	Unknown	36	25.0	epa300	epa300	Finished	[illegible]
52	[illegible]	Unknown	37	25.0	epa300	epa300	Finished	[illegible]
53	[illegible]	Unknown	38	25.0	epa300	epa300	Finished	[illegible]
54	[illegible]	Unknown	39	25.0	epa300	epa300	Finished	[illegible]
55	[illegible]	Unknown	40	25.0	epa300	epa300	Finished	[illegible]
56	[illegible]	Unknown	41	25.0	epa300	epa300	Finished	[illegible]
57	[illegible]	Unknown	42	25.0	epa300	epa300	Finished	[illegible]
58	[illegible]	Unknown	43	25.0	epa300	epa300	Finished	[illegible]
59	[illegible]	Unknown	44	25.0	epa300	epa300	Finished	[illegible]
60	[illegible]	Unknown	45	25.0	epa300	epa300	Finished	[illegible]
61	[illegible]	Unknown	46	25.0	epa300	epa300	Finished	[illegible]
62	[illegible]	Unknown	47	25.0	epa300	epa300	Finished	[illegible]
63	[illegible]	Unknown	48	25.0	epa300	epa300	Finished	[illegible]
64	[illegible]	Unknown	49	25.0	epa300	epa300	Finished	[illegible]
65	[illegible]	Unknown	50	25.0	epa300	epa300	Finished	[illegible]
66	[illegible]	Unknown	51	25.0	epa300	epa300	Finished	[illegible]
67	[illegible]	Unknown	52	25.0	epa300	epa300	Finished	[illegible]
68	[illegible]	Unknown	53	25.0	epa300	epa300	Finished	[illegible]
69	[illegible]	Unknown	54	25.0	epa300	epa300	Finished	[illegible]
70	[illegible]	Unknown	55	25.0	epa300	epa300	Finished	[illegible]
71	[illegible]	Unknown	56	25.0	epa300	epa300	Finished	[illegible]
72	[illegible]	Unknown	57	25.0	epa300	epa300	Finished	[illegible]
73	[illegible]	Unknown	58	25.0	epa300	epa300	Finished	[illegible]
74	[illegible]	Unknown	59	25.0	epa300	epa300	Finished	[illegible]
75	[illegible]	Unknown	60	25.0	epa300	epa300	Finished	[illegible]
76	[illegible]	Unknown	61	25.0	epa300	epa300	Finished	[illegible]
77	[illegible]	Unknown	62	25.0	epa300	epa300	Finished	[illegible]
78	[illegible]	Unknown	63	25.0	epa300	epa300	Finished	[illegible]
79	[illegible]	Unknown	64	25.0	epa300	epa300	Finished	[illegible]
80	[illegible]	Unknown	65	25.0	epa300	epa300	Running	[illegible]
81	[illegible]	Unknown	66	25.0	epa300	epa300	Finished	[illegible]
82	[illegible]	Unknown	67	25.0	epa300	epa300	Finished	[illegible]
83	[illegible]	Unknown	68	25.0	epa300	epa300	Finished	[illegible]
84	[illegible]	Unknown	69	25.0	epa300	epa300	Finished	[illegible]

File
Datasetname [illegible]
Location [illegible]
Timecons [illegible] Disable [illegible]
Interpol 99 Limit Update [illegible]

No.	Name	Dt Factor Comment
43	[illegible]	[illegible]
44	[illegible]	[illegible]
45	[illegible]	[illegible]
46	[illegible]	[illegible]
47	[illegible]	[illegible]
48	[illegible]	[illegible]
49	[illegible]	[illegible]
50	[illegible]	[illegible]
51	[illegible]	[illegible]
52	[illegible]	[illegible]
53	[illegible]	[illegible]
54	[illegible]	[illegible]
55	[illegible]	[illegible]
56	[illegible]	[illegible]
57	[illegible]	[illegible]
58	[illegible]	[illegible]
59	[illegible]	[illegible]
60	[illegible]	[illegible]
61	[illegible]	[illegible]
62	[illegible]	[illegible]
63	[illegible]	[illegible]
64	[illegible]	[illegible]
65	[illegible]	[illegible]
66	[illegible]	[illegible]
67	[illegible]	[illegible]
68	[illegible]	[illegible]
69	[illegible]	[illegible]
70	[illegible]	[illegible]
71	[illegible]	[illegible]
72	[illegible]	[illegible]
73	[illegible]	[illegible]
74	[illegible]	[illegible]
75	[illegible]	[illegible]
76	[illegible]	[illegible]
77	[illegible]	[illegible]
78	[illegible]	[illegible]
79	[illegible]	[illegible]
80	[illegible]	[illegible]
81	[illegible]	[illegible]
82	[illegible]	[illegible]
83	[illegible]	[illegible]
84	[illegible]	[illegible]

Job
Calibration [illegible]
Location [illegible]
Timeout [illegible]
Power Drop [illegible]
Channel [illegible]
Last Update [illegible]

No.	Name	Type	[illegible]	[illegible]	Program	Method	Status	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Sequence	[illegible]		
Generator	[illegible]		
Title			
Sequence	[illegible]		
Length	[illegible]		
Timebase	[illegible]	Created	[illegible]
#Samples	99	Last Update	[illegible]

#.	Name	Samples - Comment
85	[illegible]	[illegible]
86	[illegible]	[illegible]
87	[illegible]	[illegible]
88	[illegible]	[illegible]
89	[illegible]	[illegible]
90	[illegible]	[illegible]
91	[illegible]	[illegible]
92	[illegible]	[illegible]
93	[illegible]	[illegible]
94	[illegible]	[illegible]
95	[illegible]	[illegible]
96	[illegible]	[illegible]
97	[illegible]	[illegible]
98	[illegible]	[illegible]
99	[illegible]	[illegible]

Service Required	Client/Hotel/Tour	Action	1st Del	2nd Del	Recovery	Done

Sequence

Stain Kit Required	Change Modifier/Time	Reagent	1st Dil	2nd Dil	Recovery	Done
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				

 C:\Users\kacy.brown\Desktop\Chart.jpg

Sequence

Run

Service Request	Comments/Results/Text	Anion	1st Col	2nd Col	Recovery	Qcnm
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				

Sample Weight(g)	Chem/Mylar/Tip	Anion	1st Dil	2nd Dil	Recovery	Done
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 PO4				
		S Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 PO4				

Sample Number	Chart/Notes/Time	Anion	1st Dil	2nd Dil	Recovery	Dilution
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				

ALS ENVIRONMENTAL, INC.

Ion Chromatography Calibration Data

Sequence: [illegible]

Date: [illegible]

Analyte	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Corr. Coeff.	Slope	Residuals
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.0856	0.2248	
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9025	0.1826	
NO_2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9617	0.3572	
Br	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9944	0.0738	
NO_3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9176	0.4419	
SO_4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9725	0.1285	
[illegible]									99.9557	0.1761	

[illegible]

No.	Peak Name	Cal Type	nPoints	Rel Std.Dev. %	Corr Coeff %	Offset	Slope	Curve
1	Fluoride	Lin	7	1.4049	99.0856	0	0.2248	0
2	Chloride	Lin	7	3.7258	99.9025	0	0.1826	0
3	Nitrite	Lin	7	2.3141	99.9617	0	0.3572	0
4	Bromide	Lin	7	0.8755	99.9944	0	0.0738	0
5	Nitrate	Lin	7	3.4144	99.9176	0	0.4419	0
6	Sulfate	Lin	7	1.957	99.9725	0	0.1285	0
Average			5.25	2.2819	99.9557	0	0.1761	0

0.25mL		[illegible]	0.5mL	[illegible]	10.5mL Page
	50000	[illegible]	[illegible]	[illegible]	

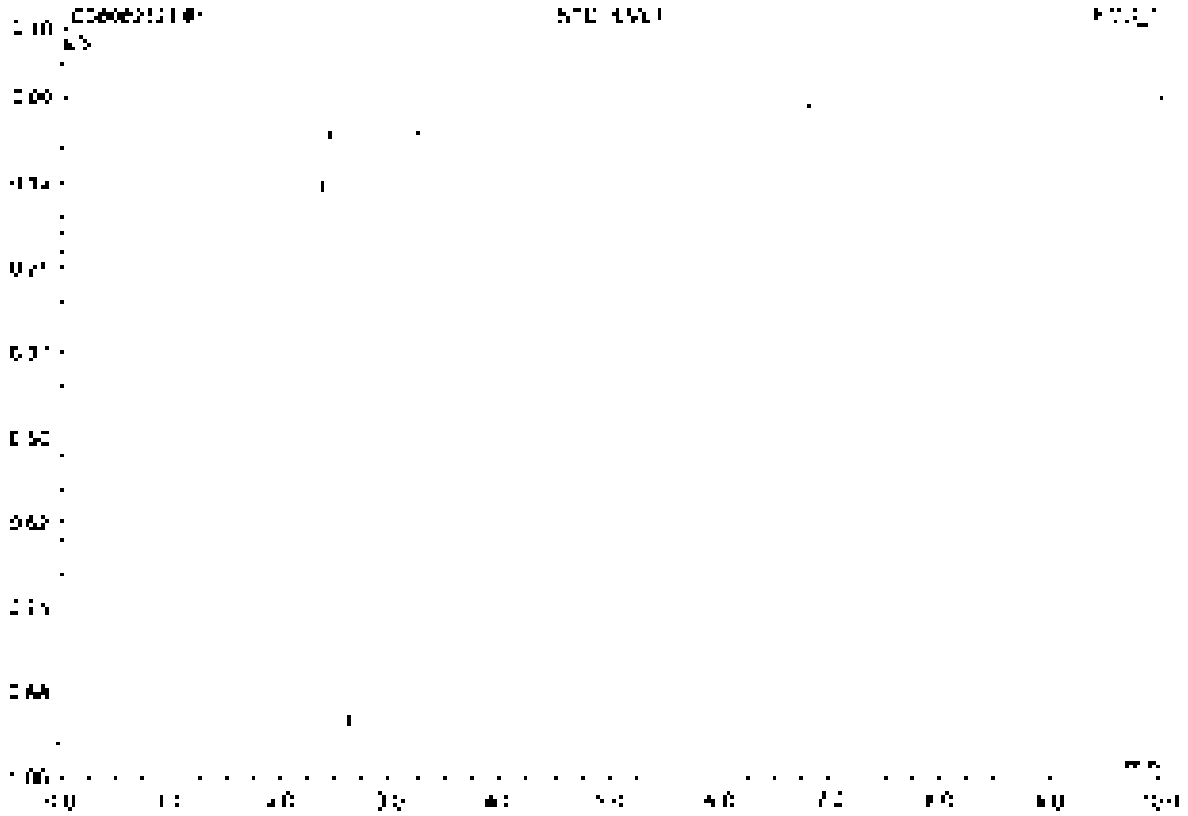
[illegible] 50mL)

	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	STD2	STD3	STD4	STD5	STD6	STD7	STD8	STD9
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO_2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO_3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SO_4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Br	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

1 STD1/LVL1

DI

Sample Name	STD1/LVL1	Injection Volume	25.0
Vial Number	1	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Operator Method	epa300	Dilution Factor	1.0000
Acquiring Time	8/25/2021 14:03	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

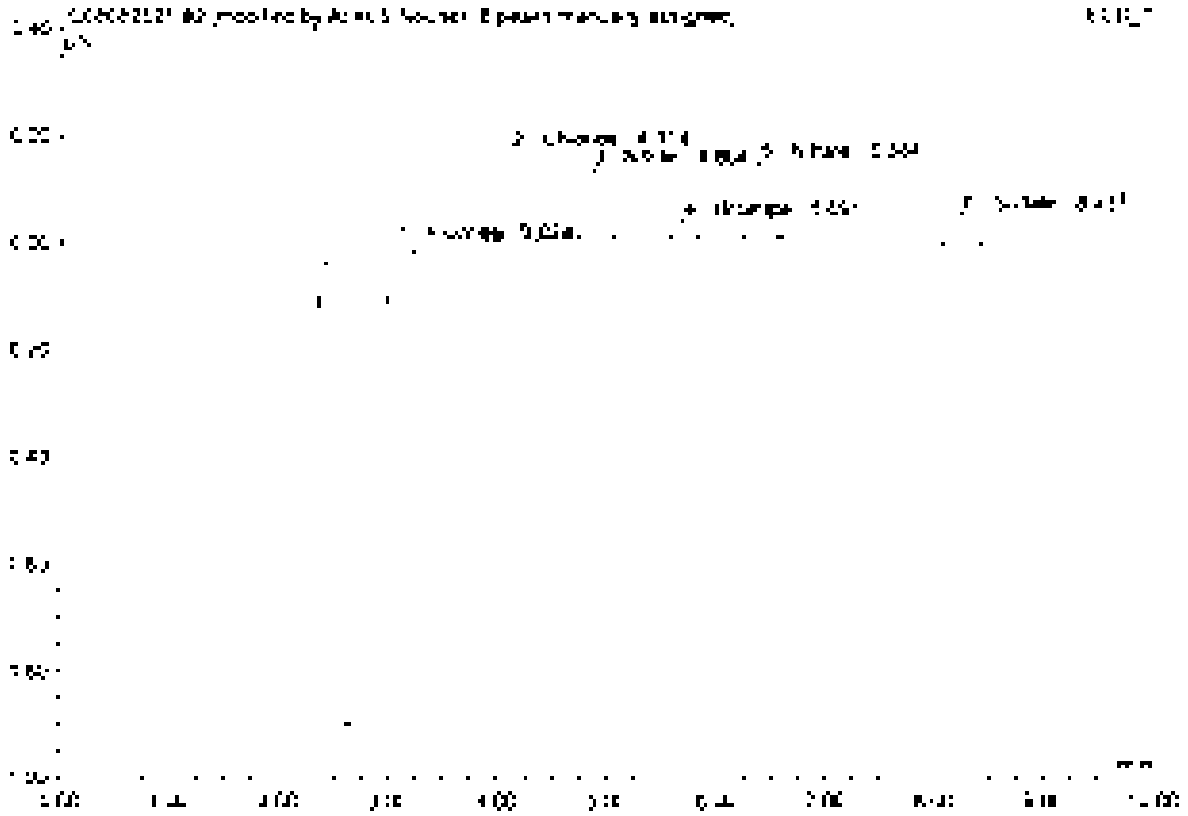


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total			0.000	0.000	0.00	0.000	

2 STD2/LVL2

21-BEN-02-53D

Sample Name	STD2/LVL2	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	8/25/2021 14:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

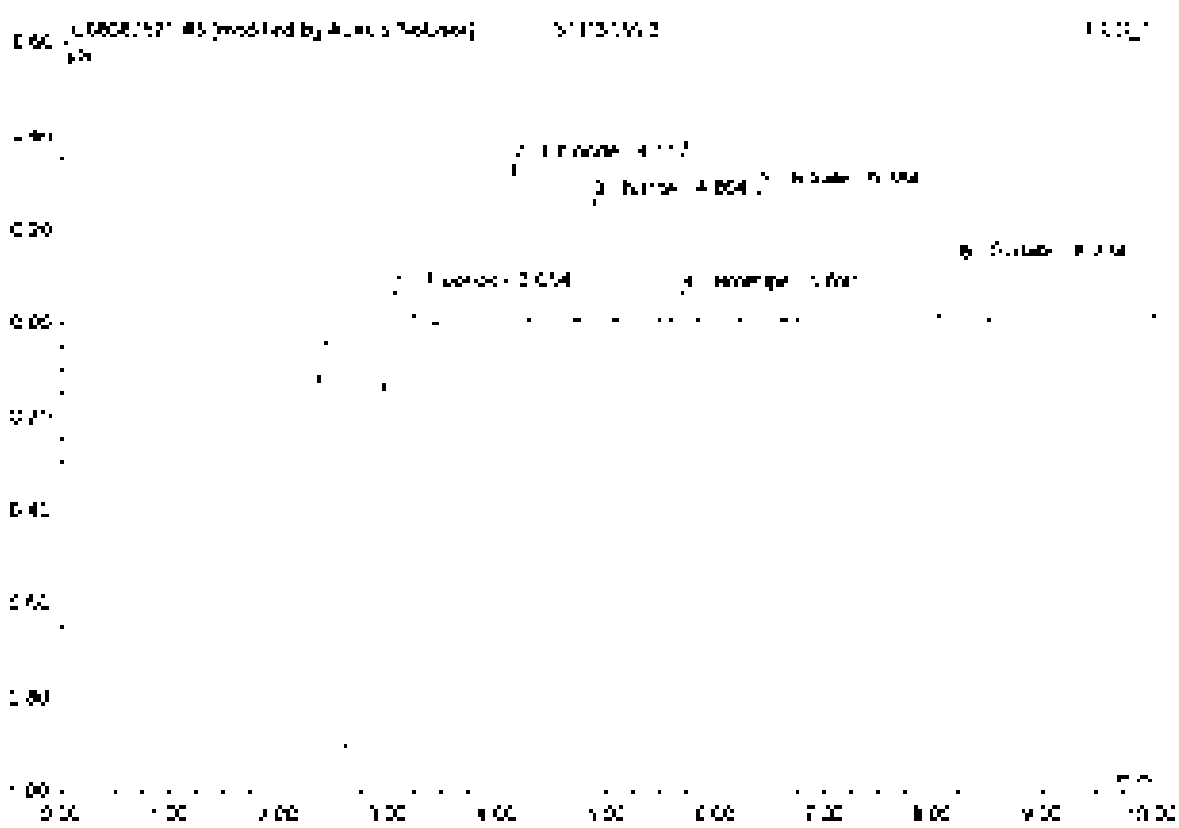


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.97	Fluoride	0.071	0.012	14.81	0.052	BMB*
2	4.11	Chloride	0.130	0.017	20.62	0.061	BMB*
3	4.86	Nitrite	0.130	0.017	20.72	0.047	BMB*
4	5.59	Bromide	0.031	0.004	5.10	0.065	BMB*
5	6.38	Nitrate	0.139	0.020	24.81	0.045	BMB*
6	8.34	Sulfate	0.059	0.011	13.87	0.087	BMB*
Total:			0.500	0.080	100.00	0.378	

3 STD3/LVL3

21-GEN-02-53E

Sample Name:	STD3/LVL3	Injection Volume:	25.0
Vial Number:	3	Channel:	ECD 1
Sample Type:	standard	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quant Method:	epa300	Dilution Factor:	1.0000
Recording Time:	9/26/2021 14:27	Sample Weight:	1.0000
Run Time (min):	10.00	Sample Amount:	1.0000

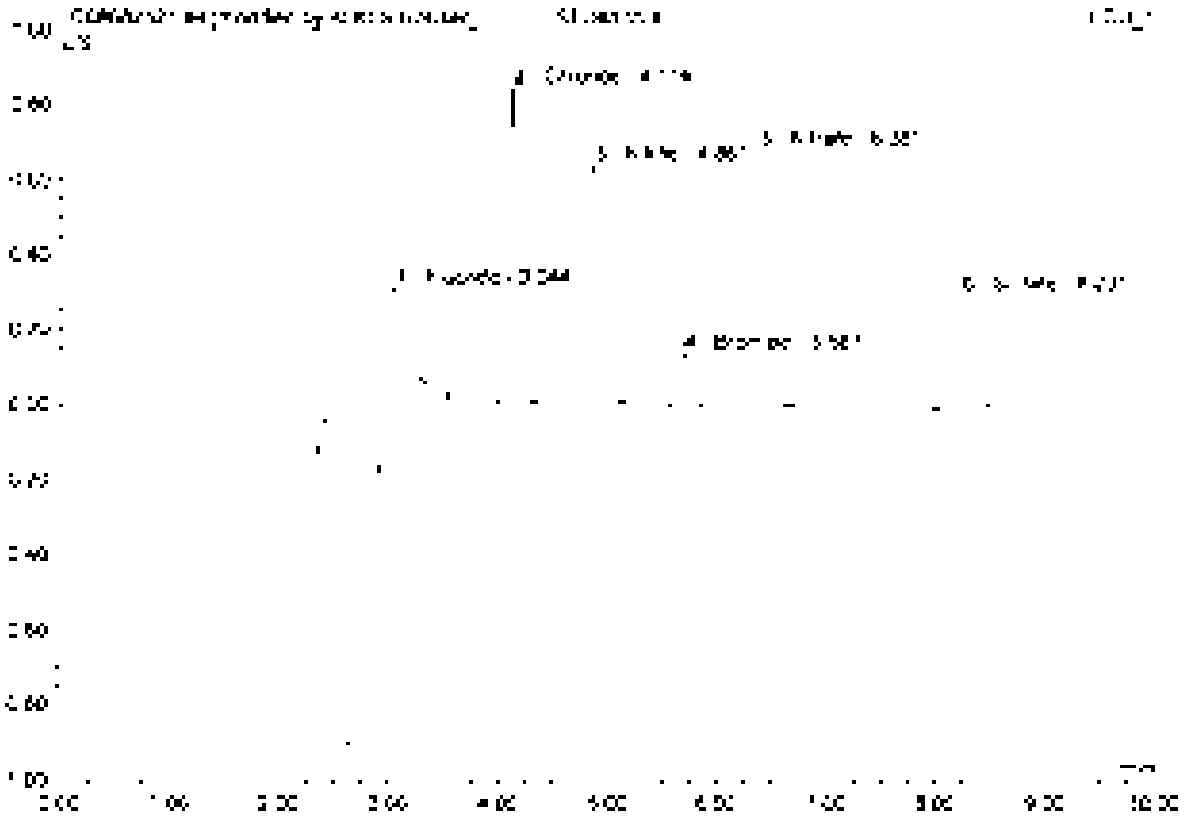


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.05	Fluoride	0.160	0.041	23.05	0.183	BV[illegible]
2	4.12	Chloride	0.340	0.033	18.21	0.175	BV[illegible]
3	4.85	Nitrite	0.252	0.033	18.43	0.097	BMB
4	5.59	Bromide	0.001	0.008	4.40	0.107	BV[illegible]
5	6.38	Nitrate	0.279	0.040	22.64	0.092	BV[illegible]
6	8.22	Sulfate	0.1[illegible]	0.024	13.28	0.155	BV[illegible]
Total:			1.234	0.176	100.00	0.837	

4 STD4/LVL4

21-GEN-02-53F

Sample Name	STD4/LVL4	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	0/25/2021 14:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

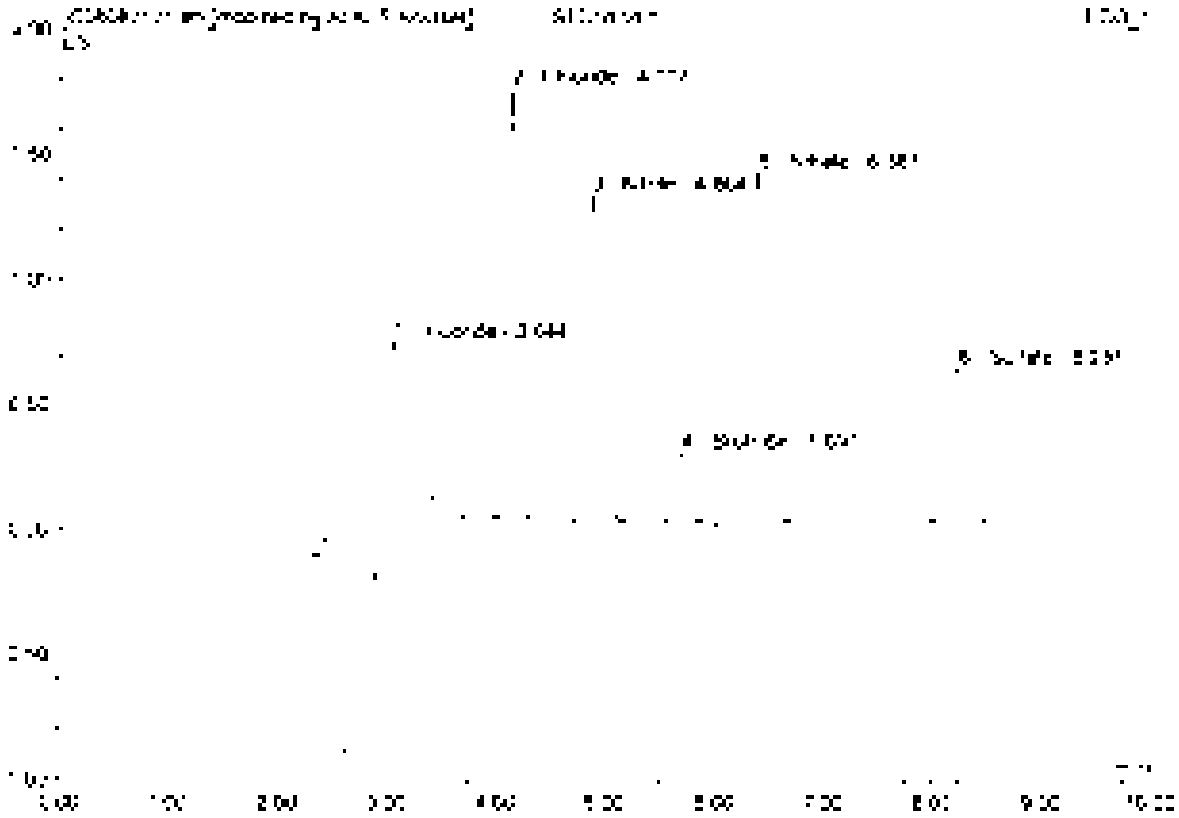


No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	0.446	0.107	23.85	0.475	BMB*
2	[illegible]	Chloride	0.841	0.080	17.99	0.441	BMB*
3	4.86	Nitrite	0.635	0.082	18.25	0.229	BMB
4	5.69	Bromide	0.144	0.079	8.22	0.255	BMB
5	6.38	Nitrate	0.690	0.100	22.47	0.227	BMB
6	8.23	Sulfate	0.304	0.059	13.21	0.460	BMB
Total:			3.064	0.447	100.00	2.086	

5 STD5/LVL5

21-GEN-02-53G

Sample Name	STD5/LVL5	Injection Volume	35.0
Vial Number	5	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	8/23/2021 14:30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

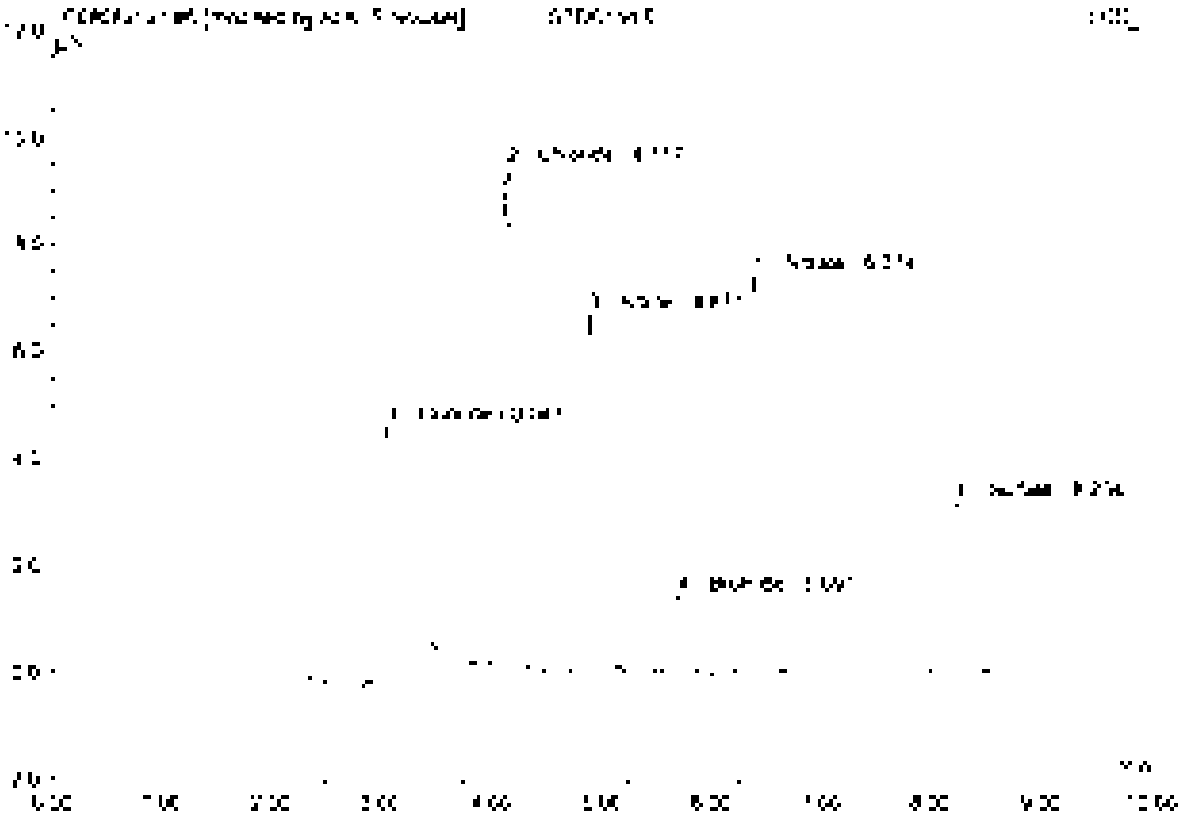


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	0.901	0.235	25.35	1.048	BMBP
2	4.12	Chloride	1.724	0.154	17.05	0.838	BMBP
3	4.85	Nitrite	1.303	0.157	16.92	0.469	BMB
4	5.65	Bromide	0.280	0.037	3.97	0.500	BMB
5	5.38	Nitrate	1.401	0.203	21.84	0.459	BMB
6	6.21	Sulfate	0.618	0.177	19.17	0.942	BMB
Total:			6.230	0.929	100.00	4.326	

6 STD6/LVL6

21-GEN-02-53H

Sample Name	STD6/LVL6	Injection Volume	75.0
Vial Number	6	Channel	ECD: 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	[illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

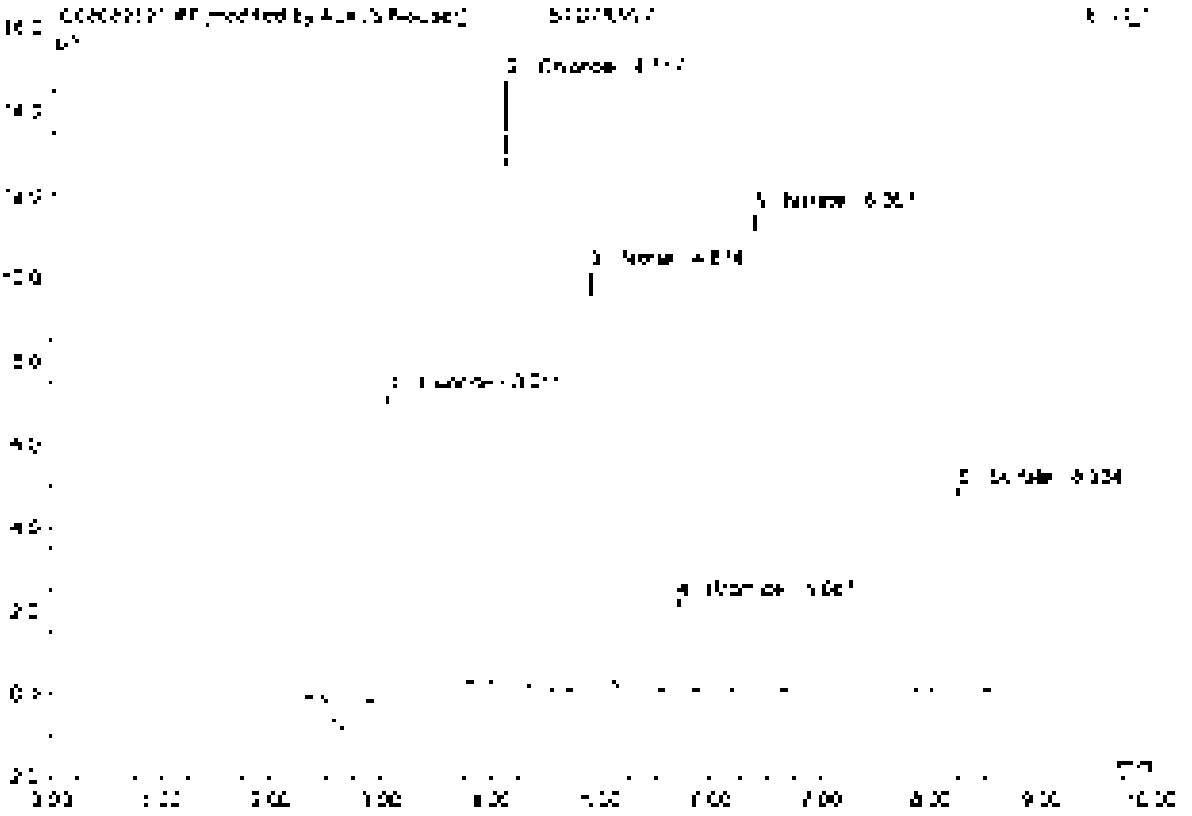


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.65	Fluoride	4.791	1.125	23.72	5.007	BMB*
2	4.12	Chloride	5.349	0.874	18.43	4.789	BMB*
3	4.87	Nitrite	6.659	0.871	18.36	2.438	BMB
4	5.69	Bromide	[illegible]	0.183	3.86	2.479	BMB
5	6.37	Nitrate	7.617	1.061	22.38	2.482	BMB
6	8.23	Sulfate	3.238	0.629	13.26	4.891	BMB
Total:			32.856	4.744	100.00	22.086	

7 STD7/LVL7

21-GEN-02-531

Sample Name	STD7/LVL7	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	8/25/2021 15:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

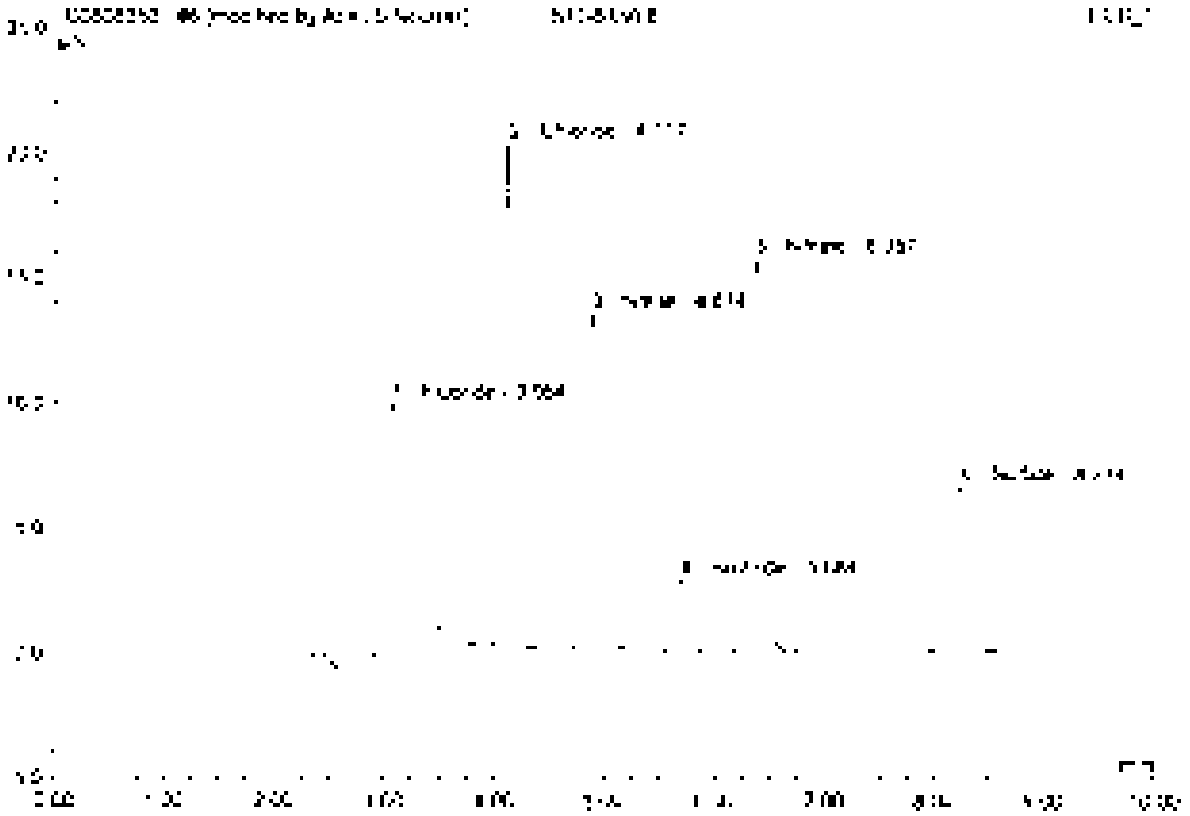


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.35	Fluoride	7.335	1.669	23.10	7.423	BV07
2	4.13	Chloride	14.551	1.354	18.75	7.419	BV07
3	4.87	Nitrite	16.275	1.379	19.40	3.721	BV9
4	5.69	Bromide	7.172	0.275	3.81	3.735	BV9
5	6.34	Nitrate	11.509	1.639	22.69	3.715	BV9
6	8.20	Sulfate	4.908	0.958	13.25	7.455	BV9
Total:			60.581	7.224	100.00	33.459	

8 STD8/LVL8

21-GEN-02-53J

Sample Name	STD8/LVL8	Injection Volume	25.0
Vial Number	8	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Column Method	epa300	Dilution Factor	1.0000
Recording Time	5/25/2021 15:26	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

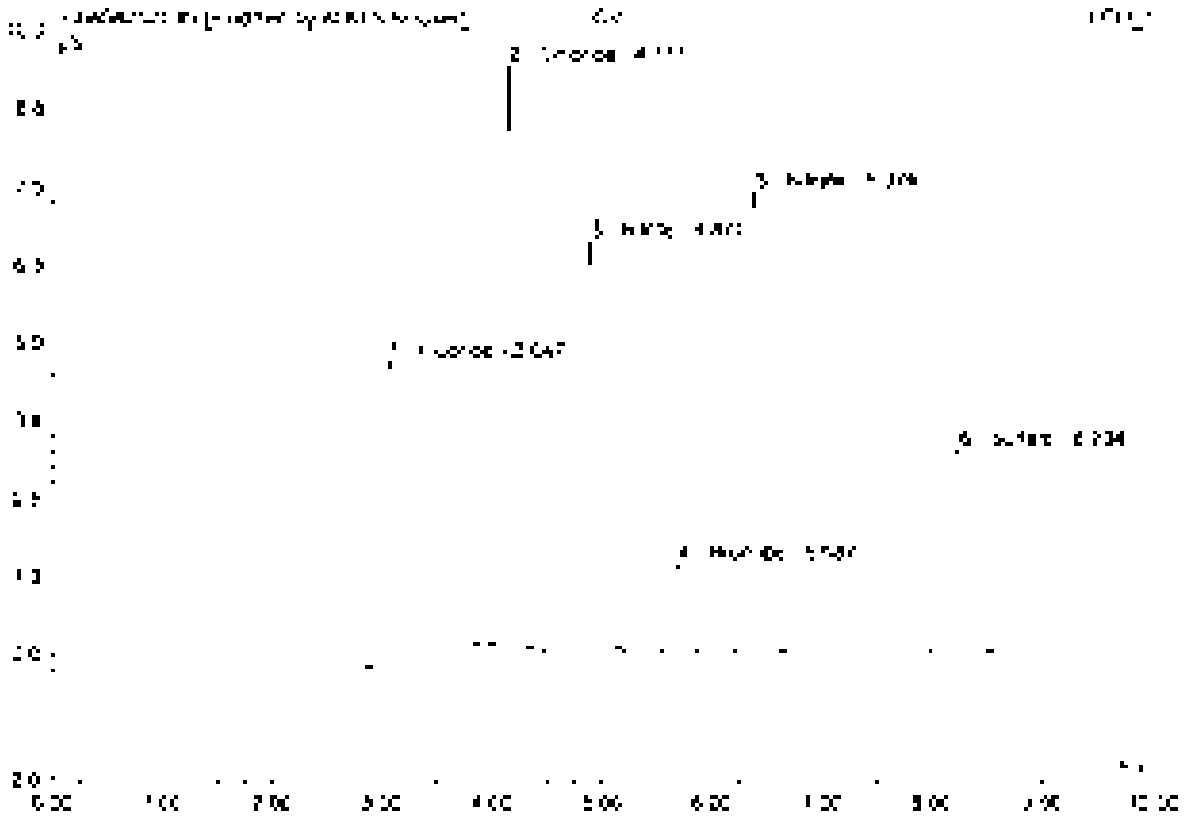


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.35	Fluoride	10.351	2.260	22.97	10.052	BV B*
2	4.12	Chloride	20.700	1.859	18.89	10.180	BV B*
3	4.97	Nitrite	13.435	1.805	18.36	5.057	BV B
4	5.64	Bromide	2.925	0.371	3.77	5.023	BV B
5	6.36	Nitrate	15.774	2.247	22.84	5.055	BV B
6	8.70	Sulfate	6.874	1.297	13.18	10.396	BV B
Total:			69.108	9.839	100.00	45.493	

9 ICV

21-GEN-02-53K

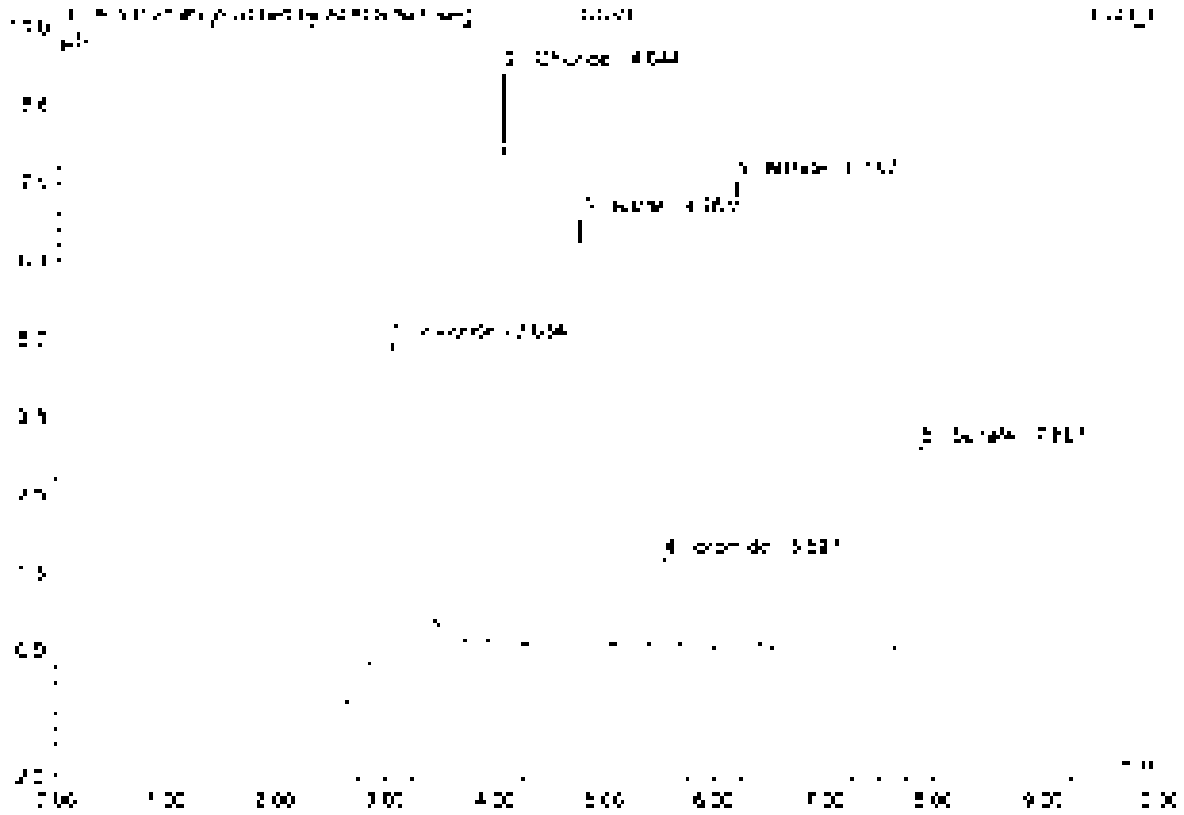
Sample Name	ICV	Injection Volume	25.0
Vial Number	60	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Sample Method	apa300	Dilution Factor	1.0000
Recording Time	8/25/2021 16:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.05	Fluoride	4.833	1.[illegible]	23.56	5.022	BMB*
2	4.12	Chloride	9.259	0.87[illegible]	18.36	4.772	BMB*
3	4.87	Nitrite	6.575	0.855	18.12	2.402	BMB
4	5.69	Bromide	1.422	0.18[illegible]	3.81	2.457	BMB
5	6.37	Nitrate	7.091	1.057	22.32	2.093	BMB
6	8.23	Sulfate	3.253	0.637	13.45	4.962	BMB
Total:			32.773	4.739	100.00	22.022	

9 CCV1

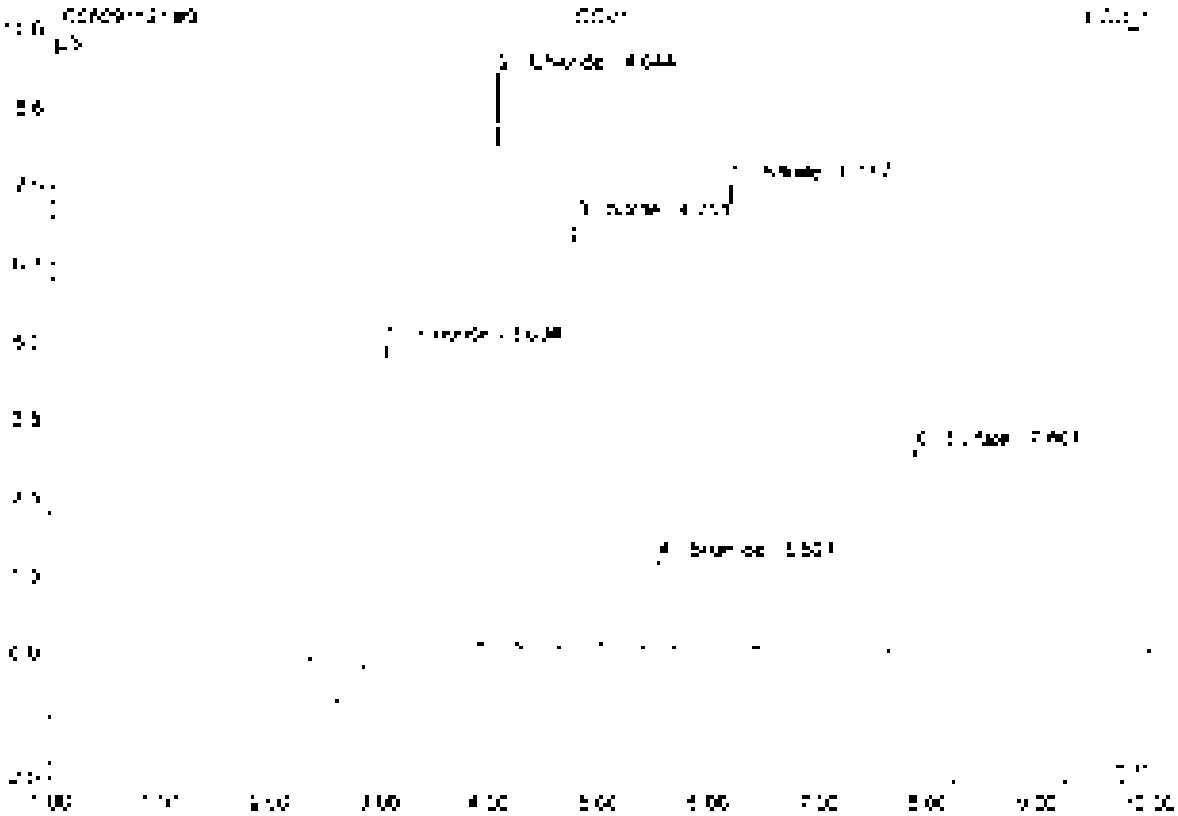
Sample Name	CCV1	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/19/2021 12:17	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.33	Fluoride	5.102	1.127	24.14	5.013	BMB*
2	4.04	Chloride	9.184	0.841	18.02	4.008	BMB*
3	4.76	Nitrite	6.656	0.880	18.91	2.472	BMB
4	5.53	Bromide	1.434	0.175	3.76	2.077	BMB
5	6.17	Nitrate	7.489	1.034	22.14	2.339	BMB
6	7.87	Sulfate	3.775	0.650	13.94	4.735	BMB
Total			33.289	4.668	100.00	21.547	

9 CCV1

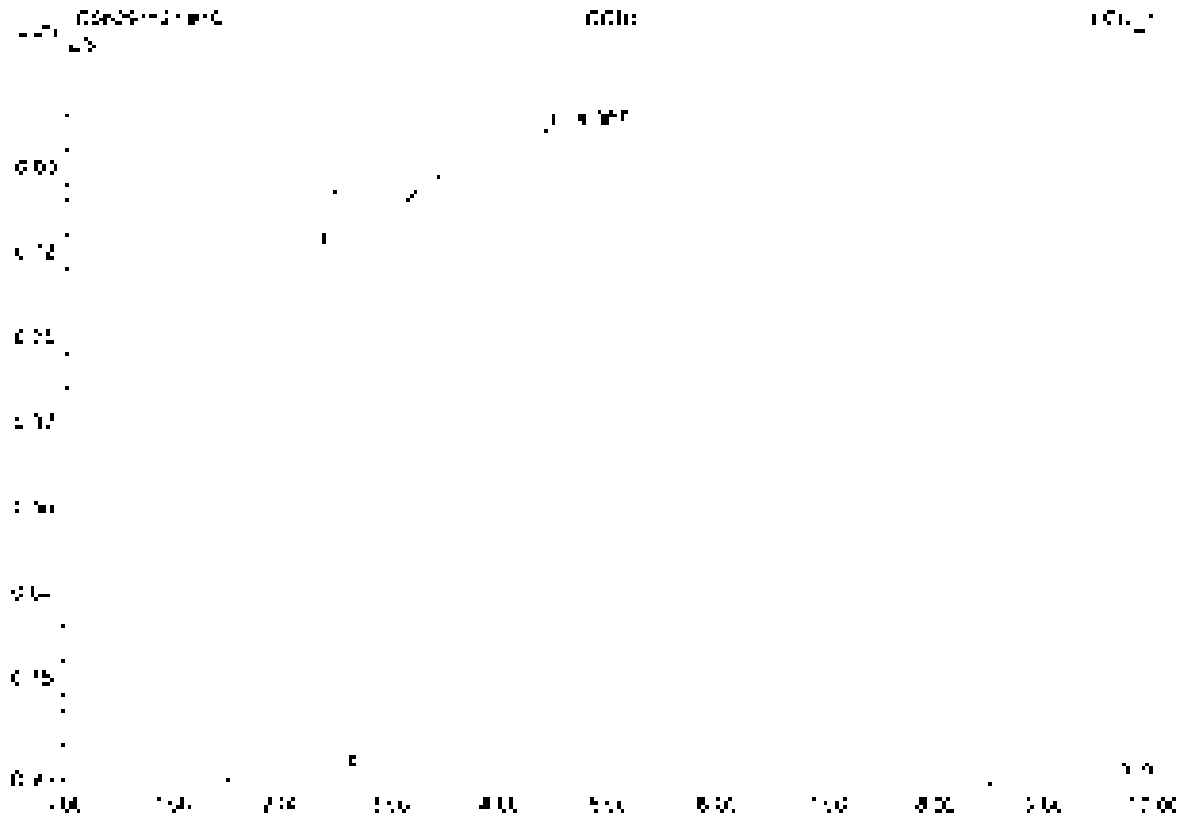
Sample Name	CCV1	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	9/15/2021 12:12	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.03	Fluoride	5.129	1.107	25.18	5.301	BMB
2	4.04	Chloride	9.184	0.841	17.77	4.608	BMB
3	4.76	Nitrite	6.856	0.581	18.65	2.472	BVB
4	5.53	Bromide	7.434	0.175	3.76	2.377	BVB
5	5.97	Nitrate	7.488	1.034	21.82	2.309	BMB
6	7.37	Sulfate	3.275	0.609	12.88	4.739	BMB
Total			39.315	4.734	100.00	21.837	

10 CCB1

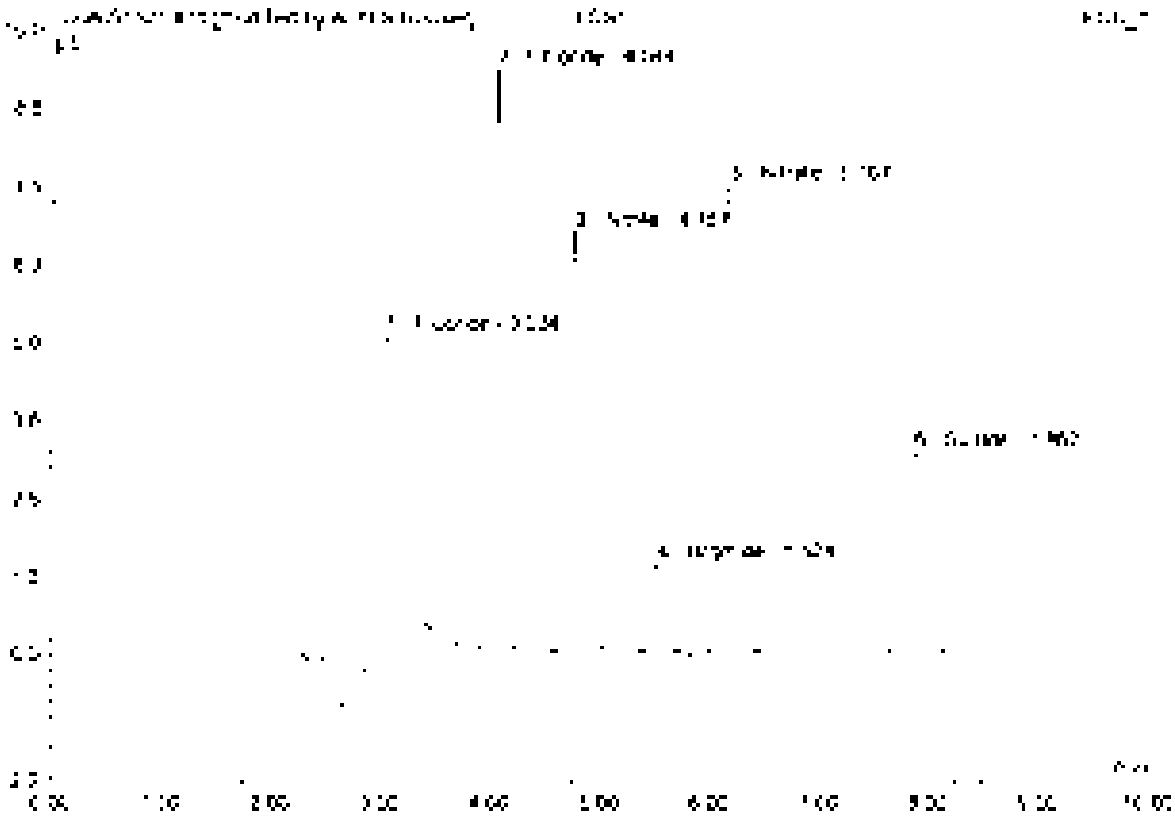
Sample Name	CCB1	Injection Volume	35.0
Vial Number	#7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Analysis Time	18/5/2021 13:23	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.39	n.a.	3.715	3.125	100.00	n.a.	BMB
Total:			3.715	3.125	100.00	0.000	

11 LCS1

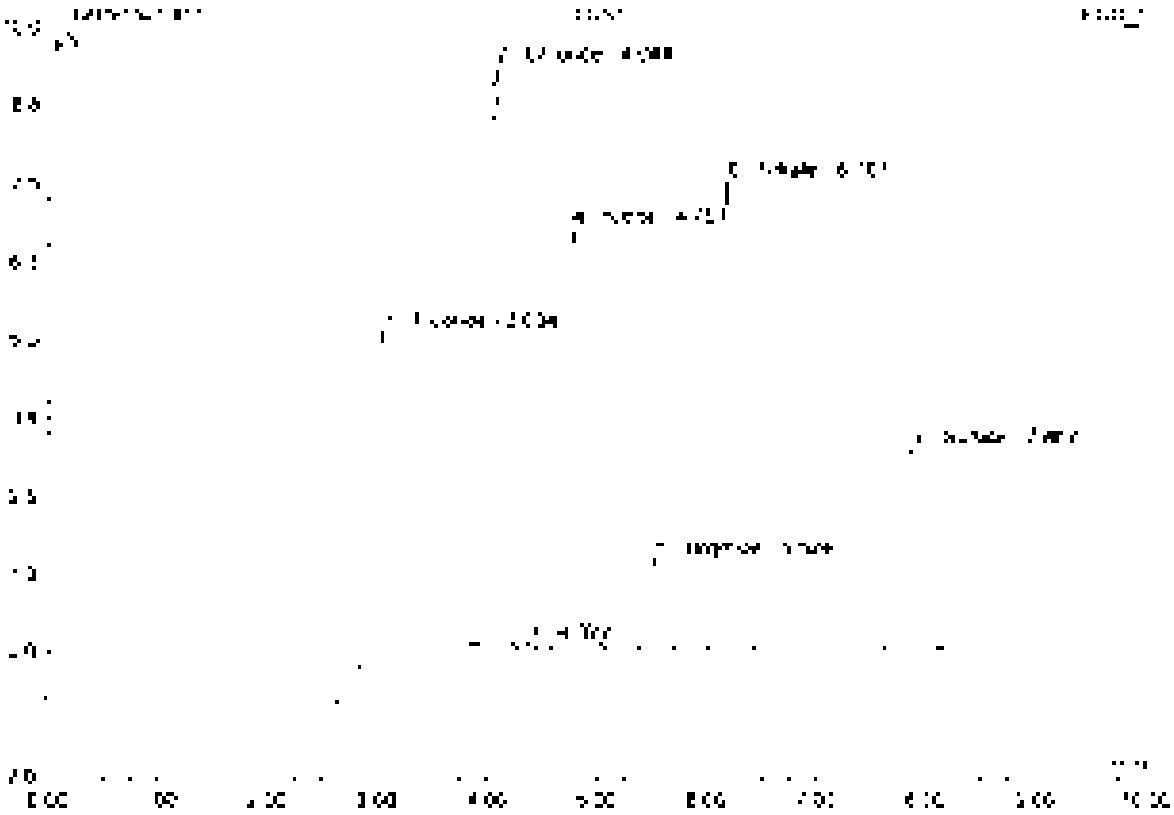
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/13/2021 12:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Rel Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.02	Fluoride	5.298	1.159	24.70	5.157	BMBT
2	4.08	Chloride	9.250	0.849	18.10	4.062	BVBT
3	4.76	Nitrite	6.728	0.968	18.45	2.424	BMB
4	5.52	Bromide	7.452	0.178	3.79	2.407	BMB
5	6.17	Nitrate	7.507	1.035	22.06	2.345	BMB
6	7.87	Sulfate	3.230	0.606	12.92	4.719	BVB
Total			33.504	4.694	100.00	21.703	

11 LCS1

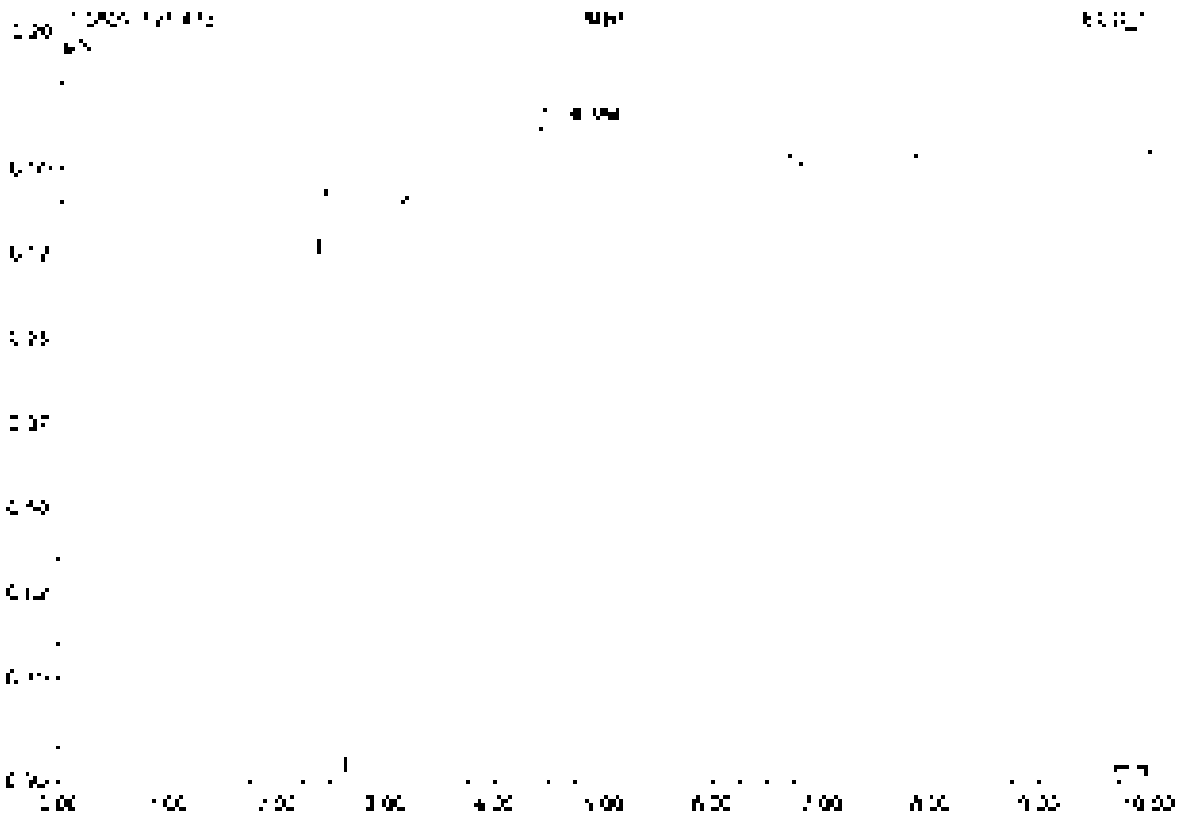
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	[illegible]/2021 12:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	3.03	Fluoride	5.320	[illegible]	25.60	5.386	BMb
2	4.04	Chloride	9.290	0.849	17.89	4.652	BMB
3	4.35	n.a.	0.358	0.005	[illegible]	n.a.	BMB
4	4.76	Nitrite	6.723	0.866	18.22	2.424	BMB
5	5.52	Bromide	1.452	0.138	3.74	2.407	BMB
6	6.17	Nitrate	7.507	1.035	21.79	2.341	BMB
7	7.57	Sulfate	3.230	0.600	12.76	4.715	BMB
Total:			33.581	[illegible]	100.00	21.935	

12 MB1

Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/16/2021 12:47	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

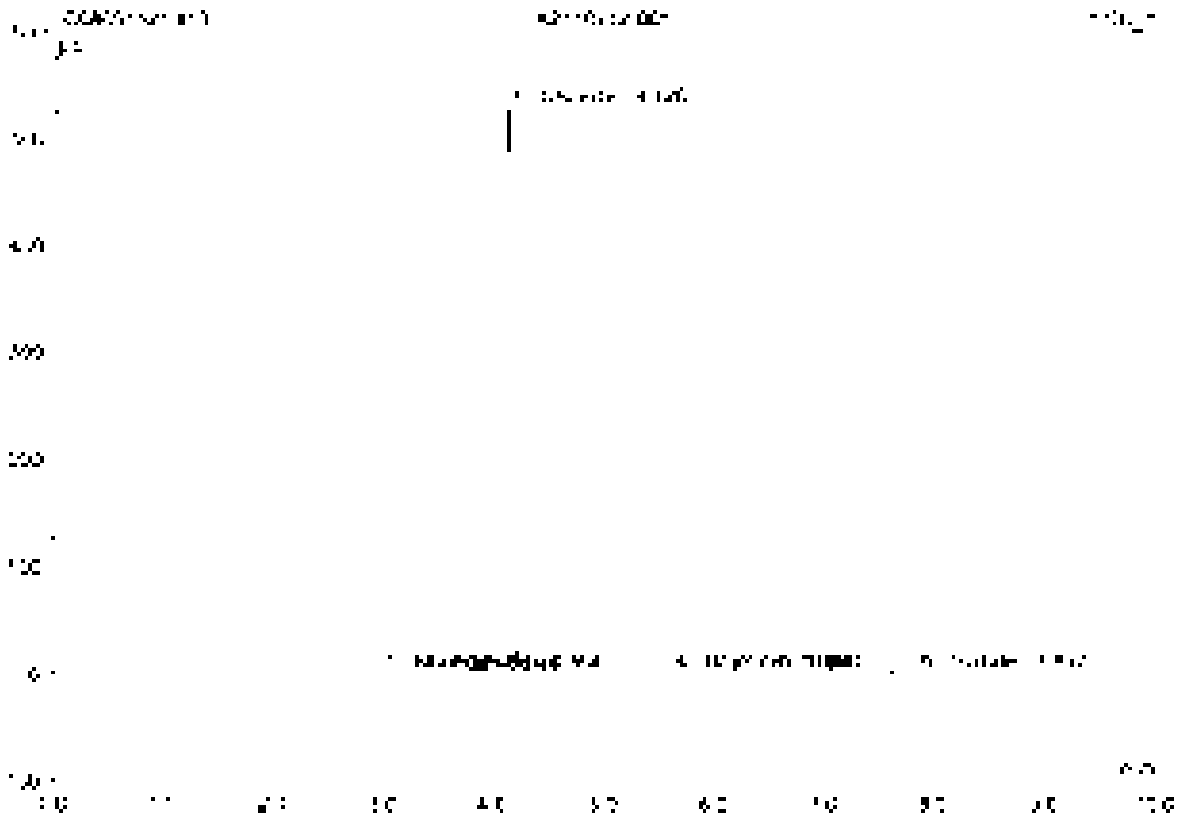


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

13 K2110712-005

NO3/SO4

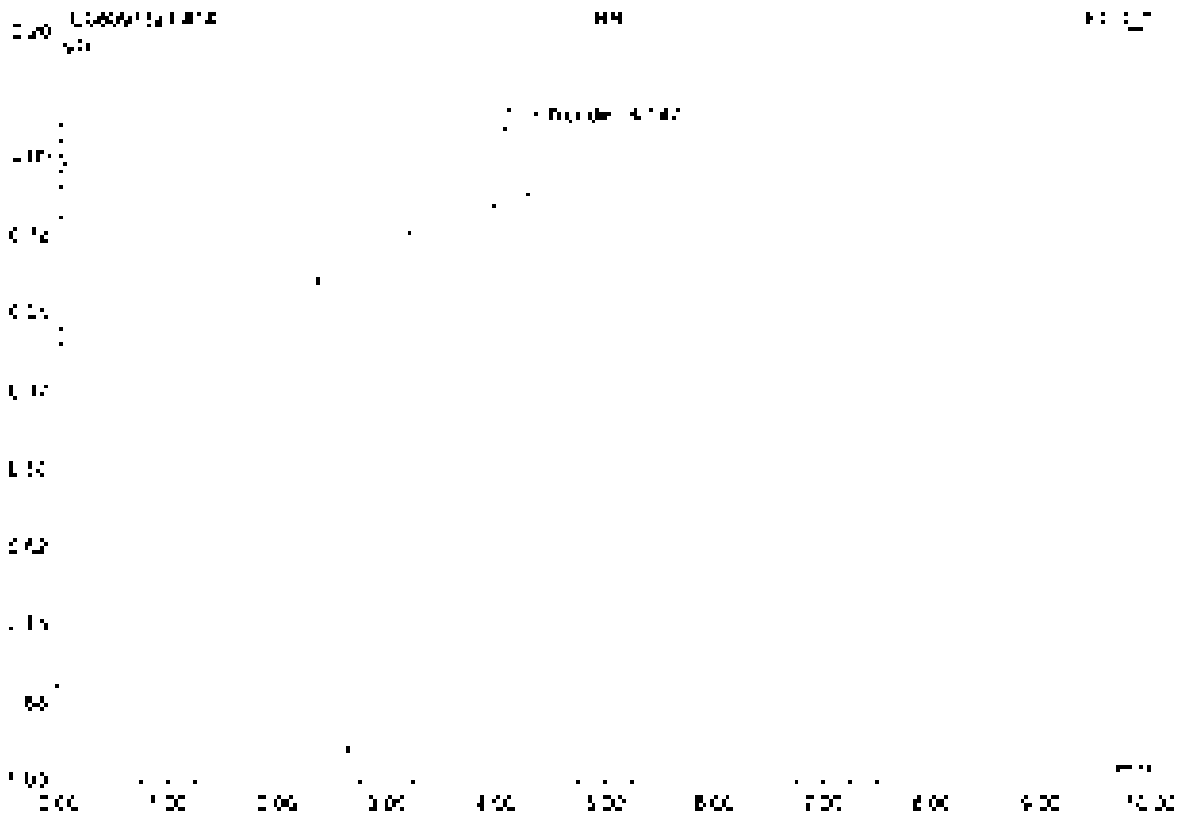
Sample Name	K2110712-005	Injection Volume	25.0
Vial Number	3	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	$[illegible] 13.5$	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.32	Fluoride	0.248	0.051	0.08	0.457	BMB
2	3.90	Formate	0.030	0.025	0.01	n.a.	BMB
3	4.12	Chloride	52[illegible].630	62.050	99.35	575.790	BMB
4	5.65	Bromide	0.421	0.042	0.02	1.41[illegible]	BMB
5	6.55	n.a.	0.345	0.250	0.34	n.a.	BMB
6	7.90	Sulfate	0.401	0.083	0.13	[illegible].296	BMB
Total:			52[illegible].085	62.461	100.00	642.556	

14 RB

Sample Name	RB	Injection Volume	35.0
Vial Number	50	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Method Name	epa300	Bandwidth	n.a.
Sample Named	epa300	Dilution Factor	1.0000
Recording Time	9/16/2021 10:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

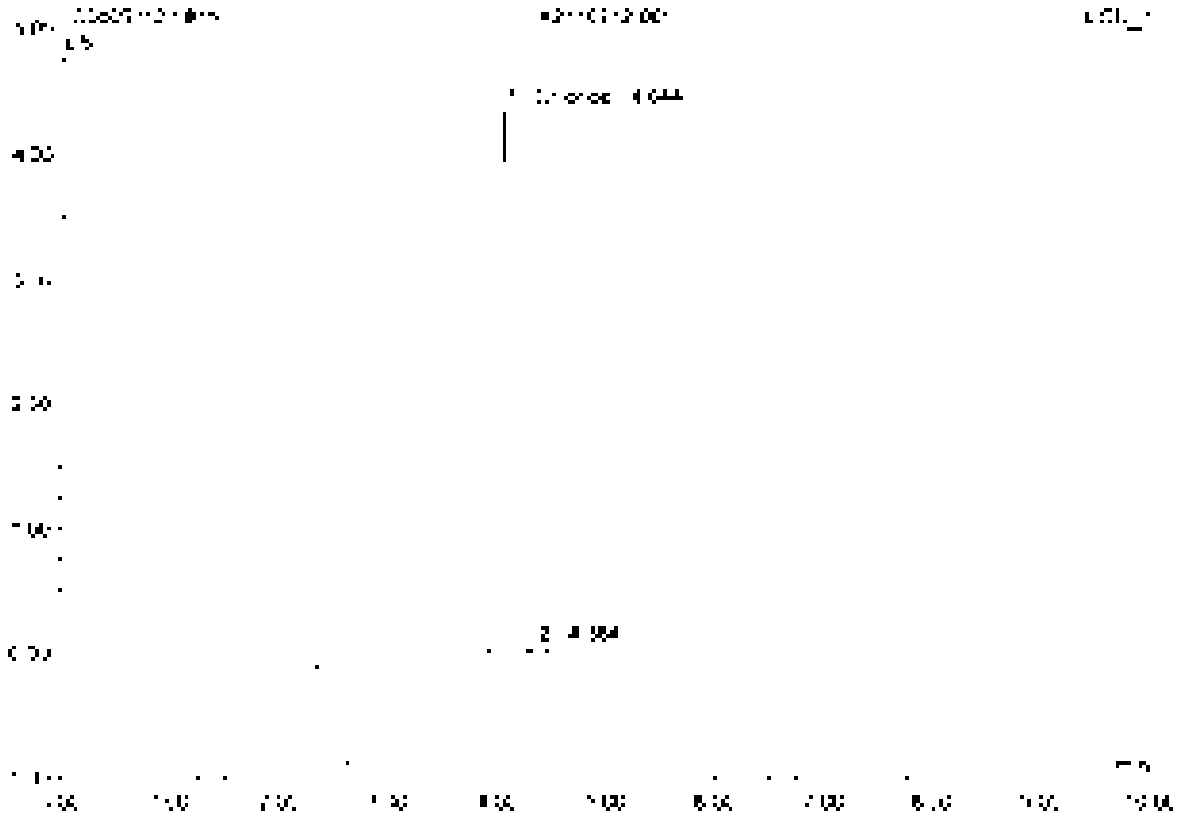


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.124	0.015	100.00	0.084	BMB
Total: 1			0.124	0.015	100.00	0.084	

15 K2110712-005

CL

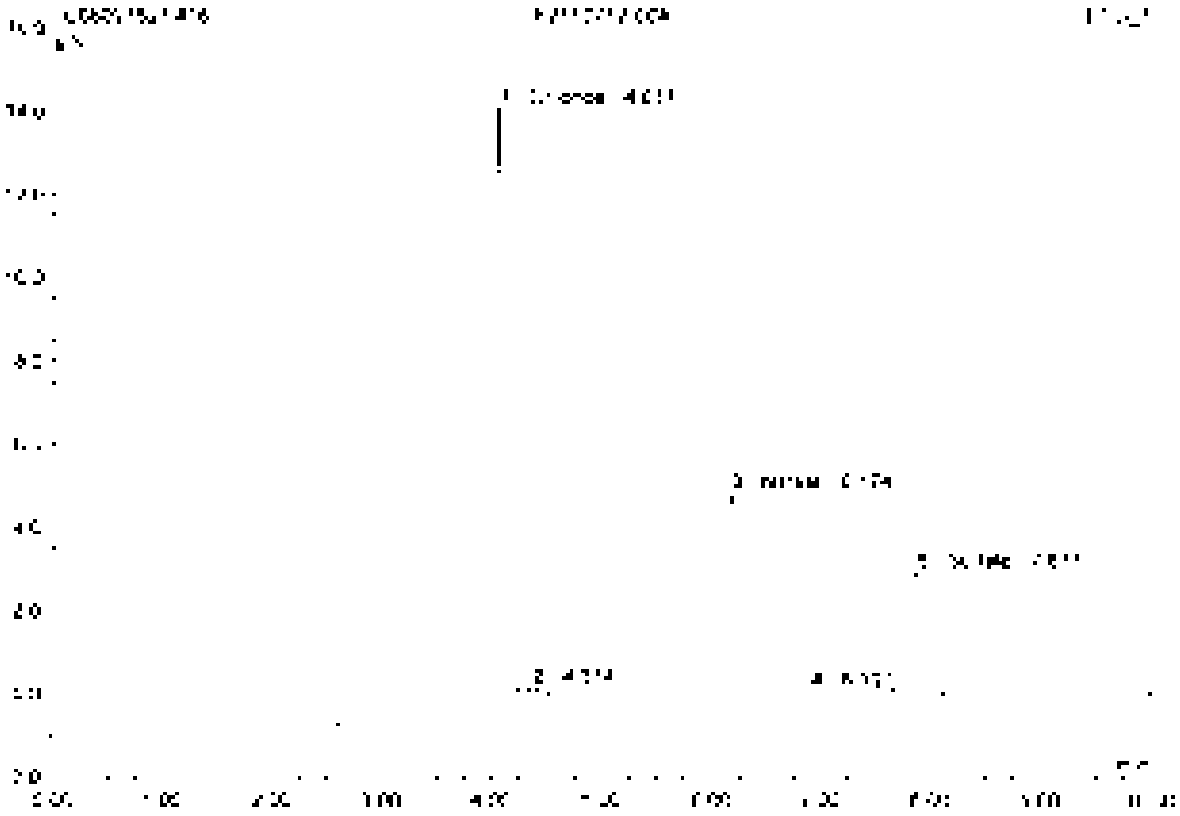
Sample Name	K2110712-005	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	300.0000
Processing Time	5/15/2021 15:21	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.34	Chloride	4.383	0.401	98.70	441.385	BMB
2	5.35	n.a.	0.055	0.005	1.30	n.a.	BMB
Total:			4.418	0.408	100.00	441.385	

16 K2110712-004

Sample Name	K2110712-004	Injection Volume	25.0
Vial Number	5	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	10.0000
Recording Time	9/16/2021 13:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

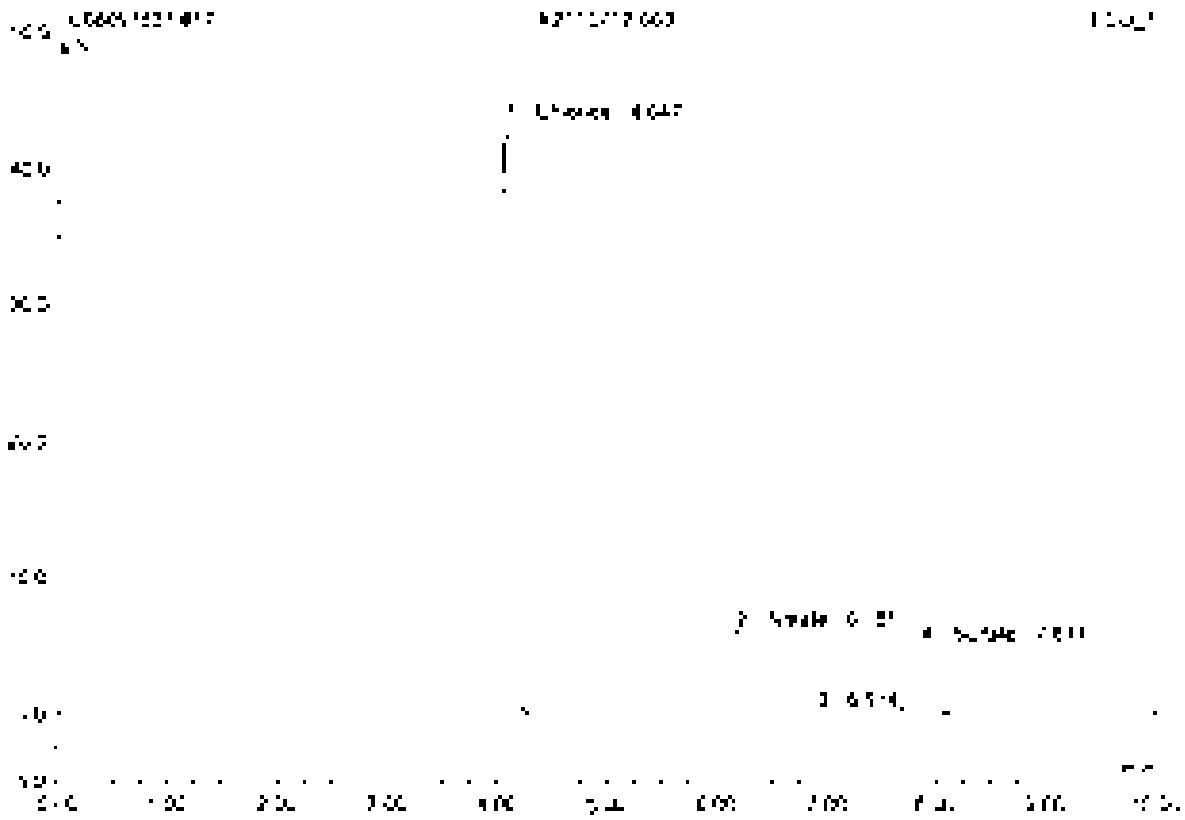


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	4.37	n.a.	0.110	0.011	0.42	n.a.	BMB
3	5.17	Nitrate	[illegible]	0.591	27.30	[illegible]	BMB
4	5.92	n.a.	0.038	0.021	0.94	n.a.	BMB
5	[illegible]	Sulfate	2.916	0.532	21.34	41.424	BMB
Total:			21.954	2.516	100.00	125.876	

17 K2110712-003

NO3/SO4

Sample Name	K2110712-003	Injection Volume	25.0
Vial Number	6	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Run Time	n.a.
Quantif. Method	epa300	Dilution Factor	5.0000
Recording Time	9/15/2021 13:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

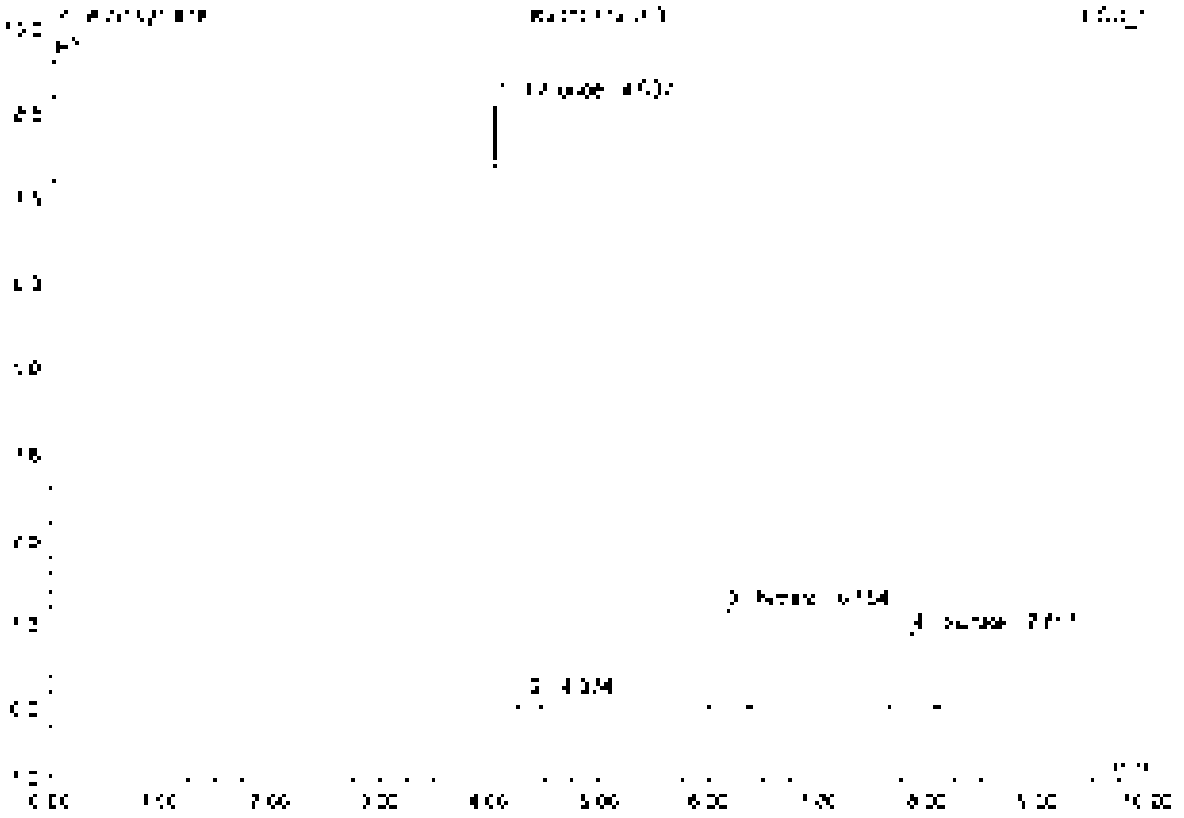


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.95	Chloride	40.210	3.823	68.10	104.514	BV0
2	6.15	Nitrate	6.040	0.853	15.28	9.[illegible]	BV0
3	6.91	n.a.	0.067	0.024	0.43	n.a.	BM0
4	7.58	Sulfate	8.375	0.902	16.09	35.170	EMB
Total:			54.259	5.602	100.00	149.454	

18 K2110712-003

CL

Sample Name	K2110712-003	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	20.0000
Recording Time	9/13/2021 13:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

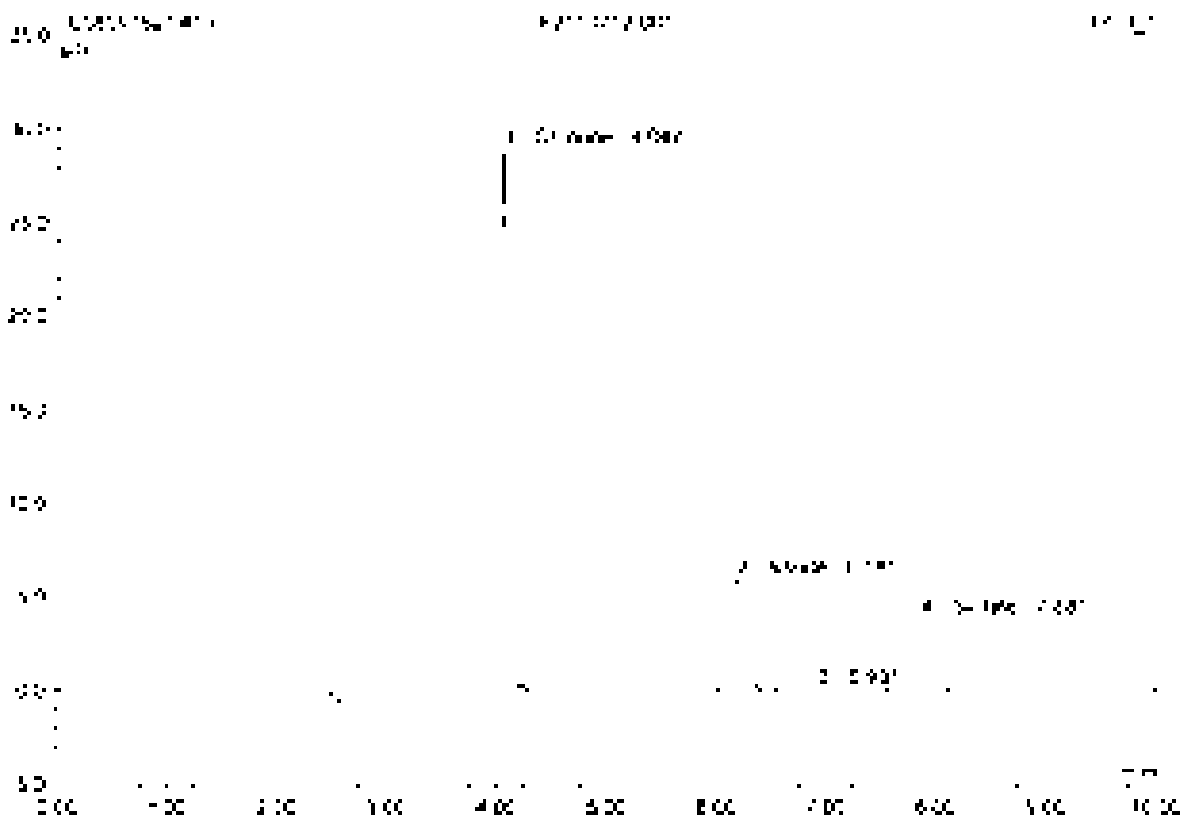


No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.04	Chloride	5 [illegible]	[illegible]	55.60	[illegible]	BMB
2	4.37	n.a.	[illegible]	[illegible]	1.00	n.a.	BMB
3	5.16	Nitrate	1.458	0.204	16.45	5.250	BMB
4	7.36	Sulfate	[illegible]	0.208	16.78	[illegible]	BMB
Total:			17.624	1.239	100.00	120.365	

19 K2110712-001

NO3/SO4

Sample Name	K2110712-001	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	5.0000
Recording Time	5/15/2021 14:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

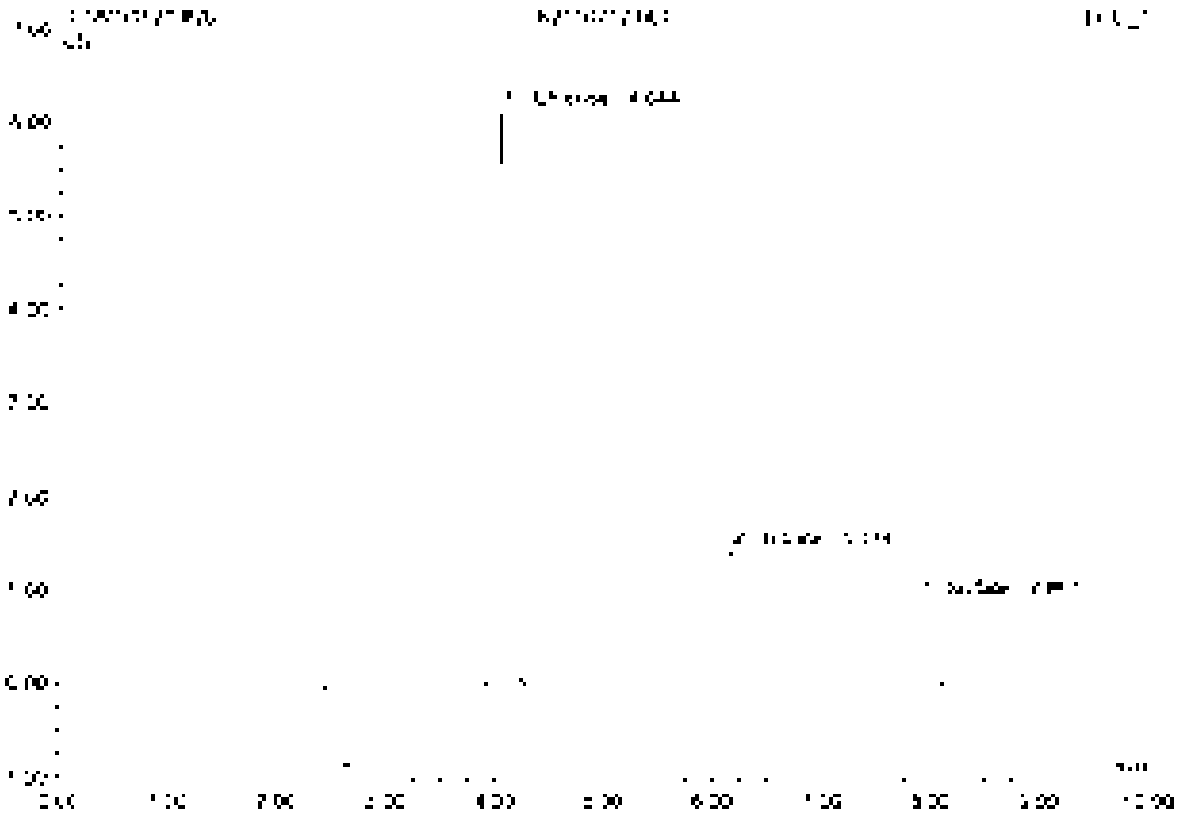


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	28.901	2.565	61.92	10.940	BMB
2	6.18	Nitrate	5.976	0.845	20.44	9.591	BMB
3	6.93	n.a.	0.060	0.022	0.54	n.a.	BMB
4	7.88	Sulfate	3.855	0.705	17.10	27.514	BMB
Total:			38.792	4.142	100.00	47.045	

20 K2110712-001

CL

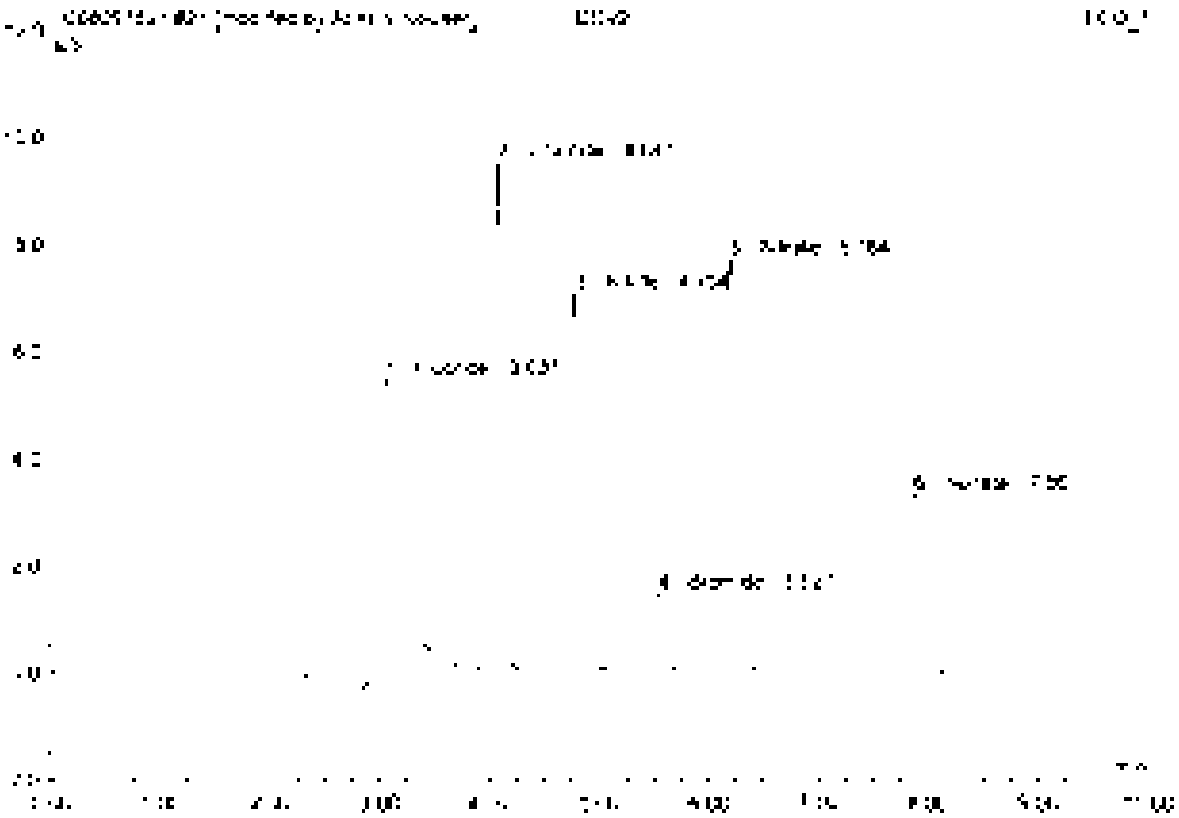
Sample Name	K2110712-001	Injection Volume	25.0
Vial Number	9	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Solvent	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	9/15/2021 14:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.24	Chloride	5.133	0.565	60.30	61.567	BVB
2	6.17	Nitrate	1.440	0.202	21.57	0.145	BVB
3	7.67	Sulfate	2.909	0.170	18.13	26.440	BVB
Total:			9.482	0.937	100.00	87.470	

21 CCV2

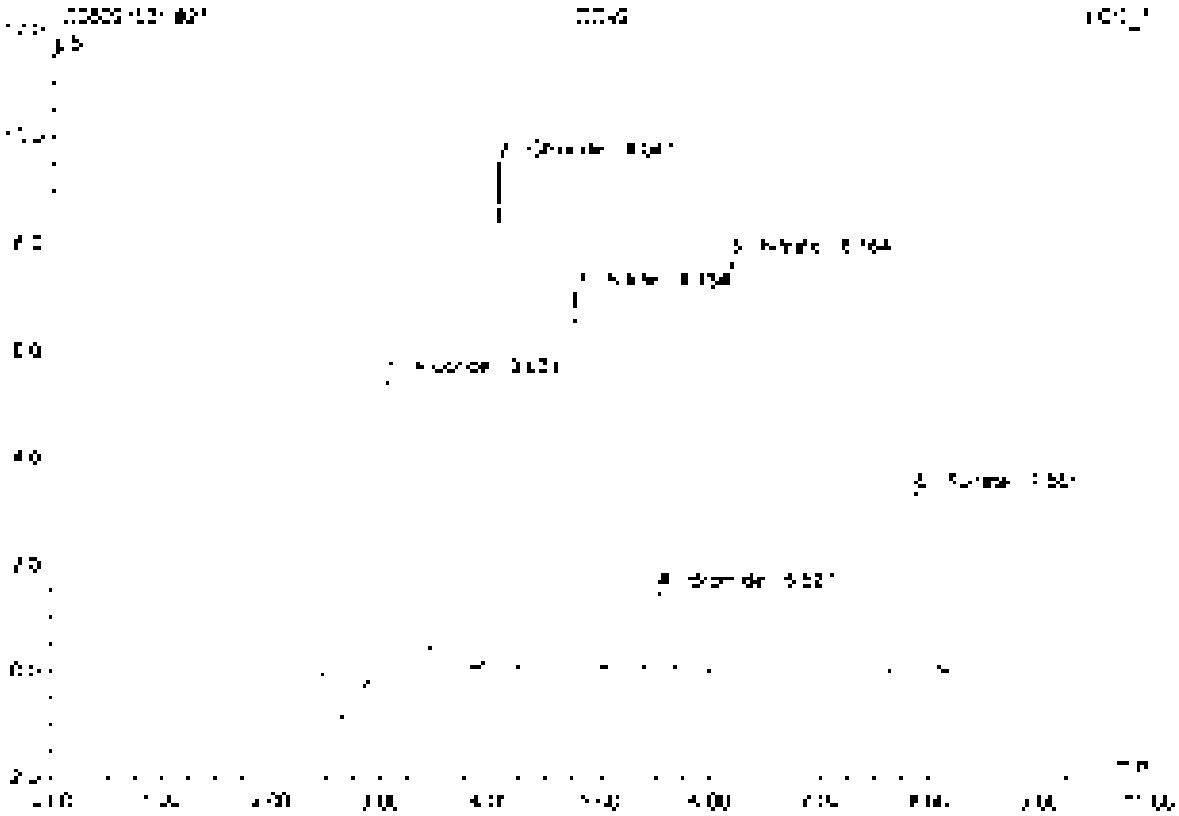
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 14:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.33	Fluoride	5.069	1.230	24.81	5.338	BMB'
2	4.04	Chloride	9.479	0.885	17.85	4.735	BMB'
3	4.75	Nitrite	7.070	0.906	18.13	2.536	BMB
4	5.52	Bromide	1.476	0.186	3.72	2.435	BMB
5	6.16	Nitrate	7.726	1.066	21.52	2.400	BMB
6	7.36	Sulfate	3.335	0.645	12.91	4.859	BMB
Total:			34.756	4.938	100.00	22.317	

21 CCV2

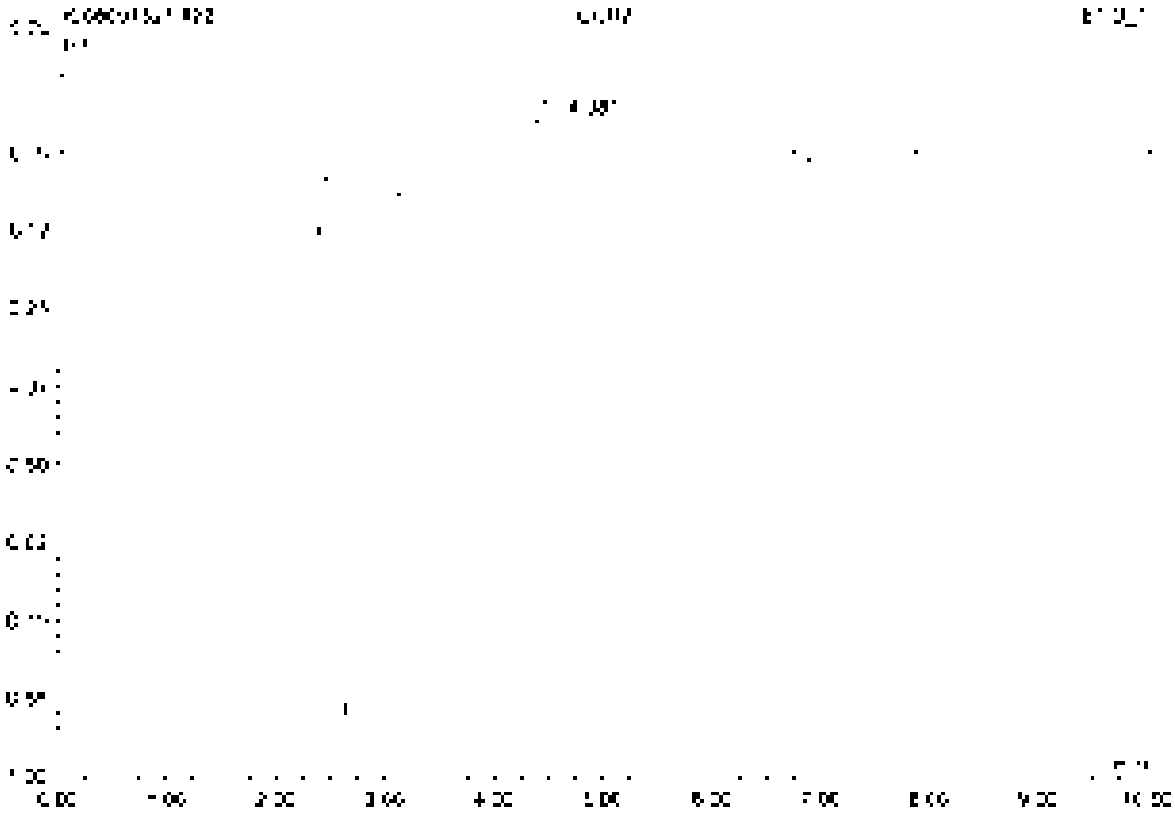
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	5/15/2021 14:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.33	Fluoride	5.700	1.272	25.91	5.652	BMB
2	4.31	Chloride	3.475	0.863	17.51	4.715	BMB
3	4.75	Nitrite	2.970	0.906	18.46	2.536	BMB
4	5.52	Bromide	1.476	0.180	3.67	2.419	BMB
5	5.96	Nitrate	7.725	1.060	21.60	2.400	BMB
6	7.06	Sulfate	3.335	0.625	12.74	4.859	BMB
Totals:			34.786	4.908	100.00	22.601	

22 CCB2

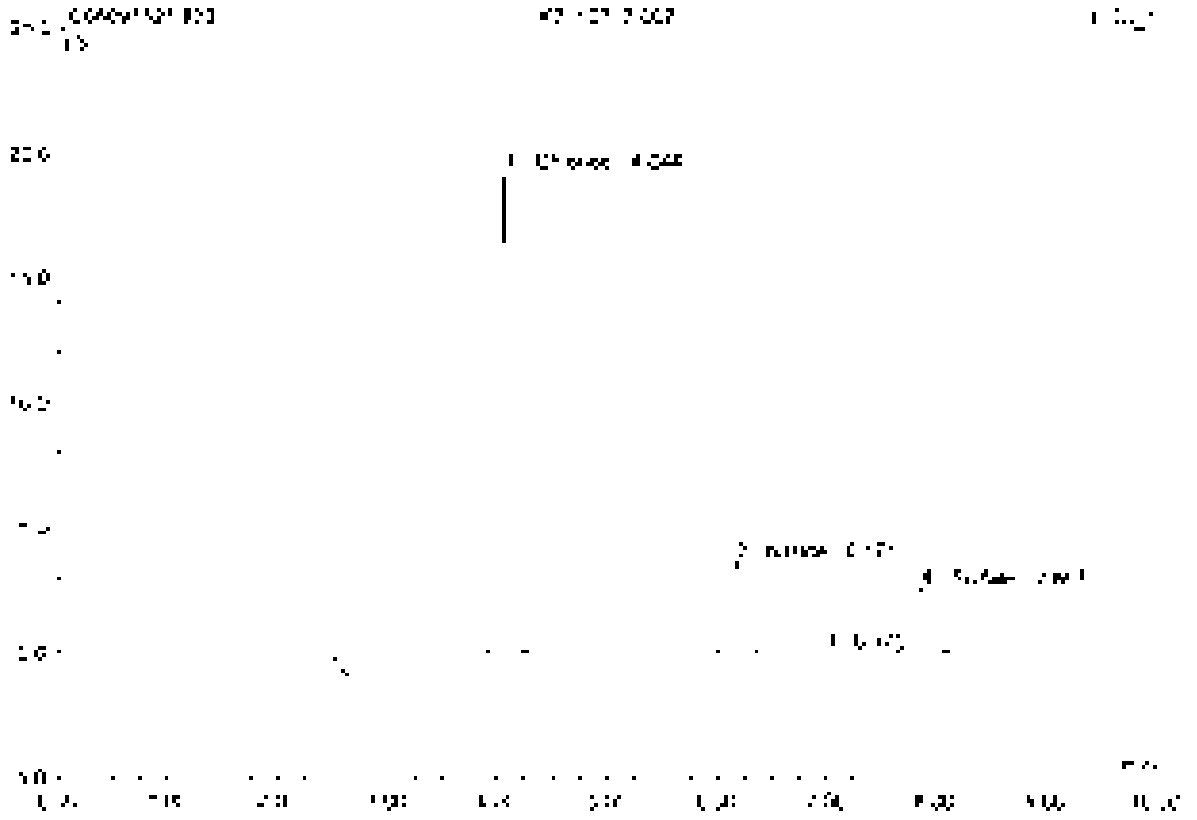
Sample Name	CCB2	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/13/2021 14:42	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height pS	Area µS*min	Rel Area %	Amount	Type
1	4.38	n.a.	0.744	3.144	100.00	n.a.	BMP
Total:			0.744	3.144	100.00	0.000	

23 K2110712-002

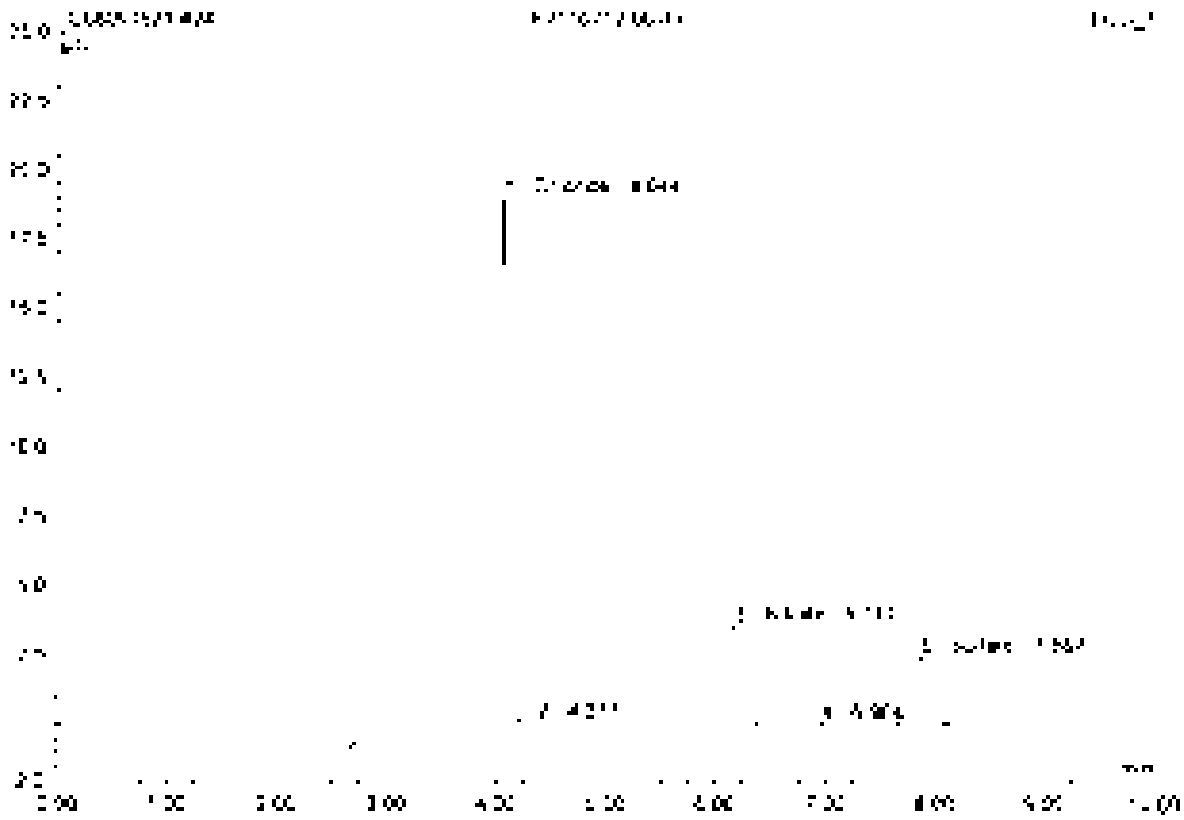
Sample Name	K2110712-002	Injection Volume	25.0
Vial Number	10	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quantif. Method	spa300	Dilution Factor	10.0000
Recording Time	9/15/2021 14:54	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.02	Chloride	15.193	1.715	62.51	54.356	BV8
2	6.17	Nitrate	3.625	0.510	18.64	11.535	BV8
3	6.57	n.a.	0.328	0.009	0.33	n.a.	BV8
4	7.87	Sulfate	7.535	0.455	17.31	36.460	BV8
Total:			25.375	2.735	100.00	142.351	

24 K2110712-002D

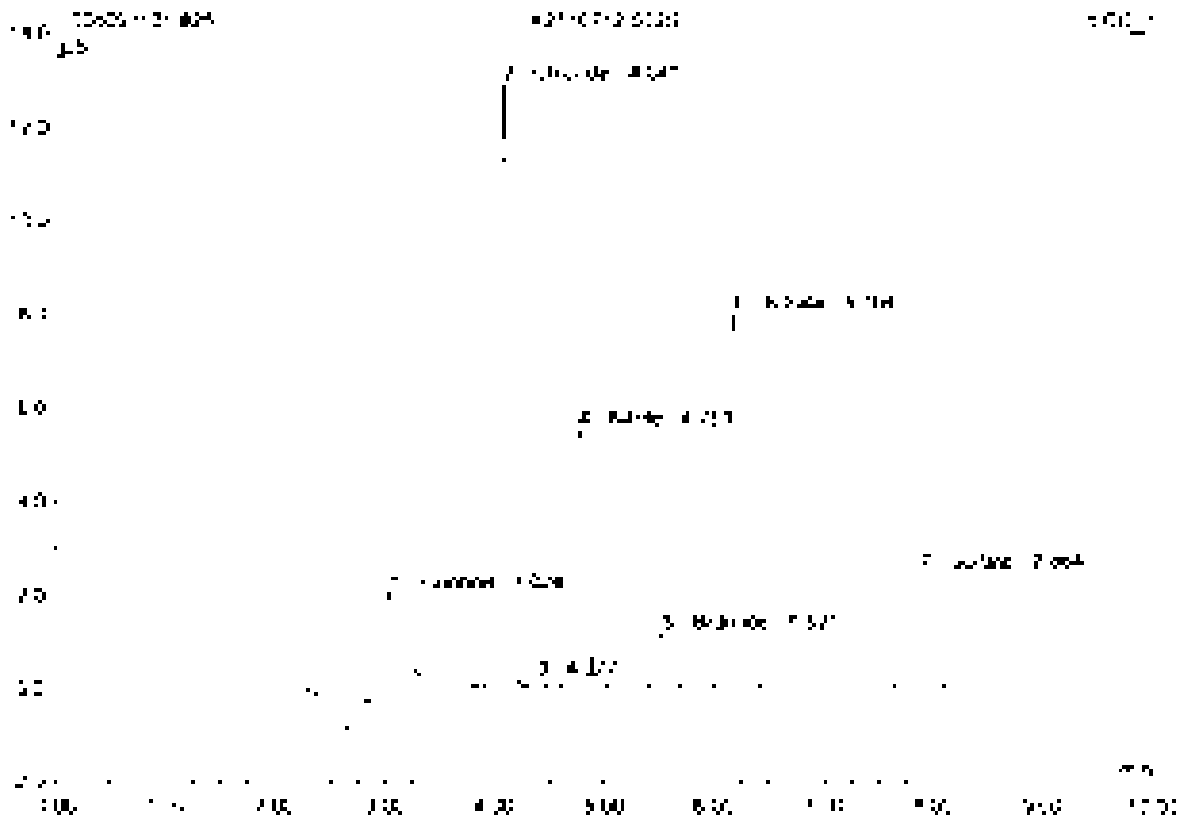
Sample Name	K2110712-002D	Injection Volume	25.0
Vial Number	11	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Standard Method	epa300	Dilution Factor	10.0000
Recording Time	9/13/2021 15:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.54	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	4.38	n.a.	0.050	0.005	0.20	n.a.	BMB
3	6.17	Nitrate	3.553	3.504	18.93	11.409	BMB
4	6.46	n.a.	0.025	0.007	0.26	n.a.	BMB
5	7.57	Sulfate	2.425	3.448	16.94	34.592	BMB
Total:			25.065	7.863	100.00	134.012	

25 K2110712-002S

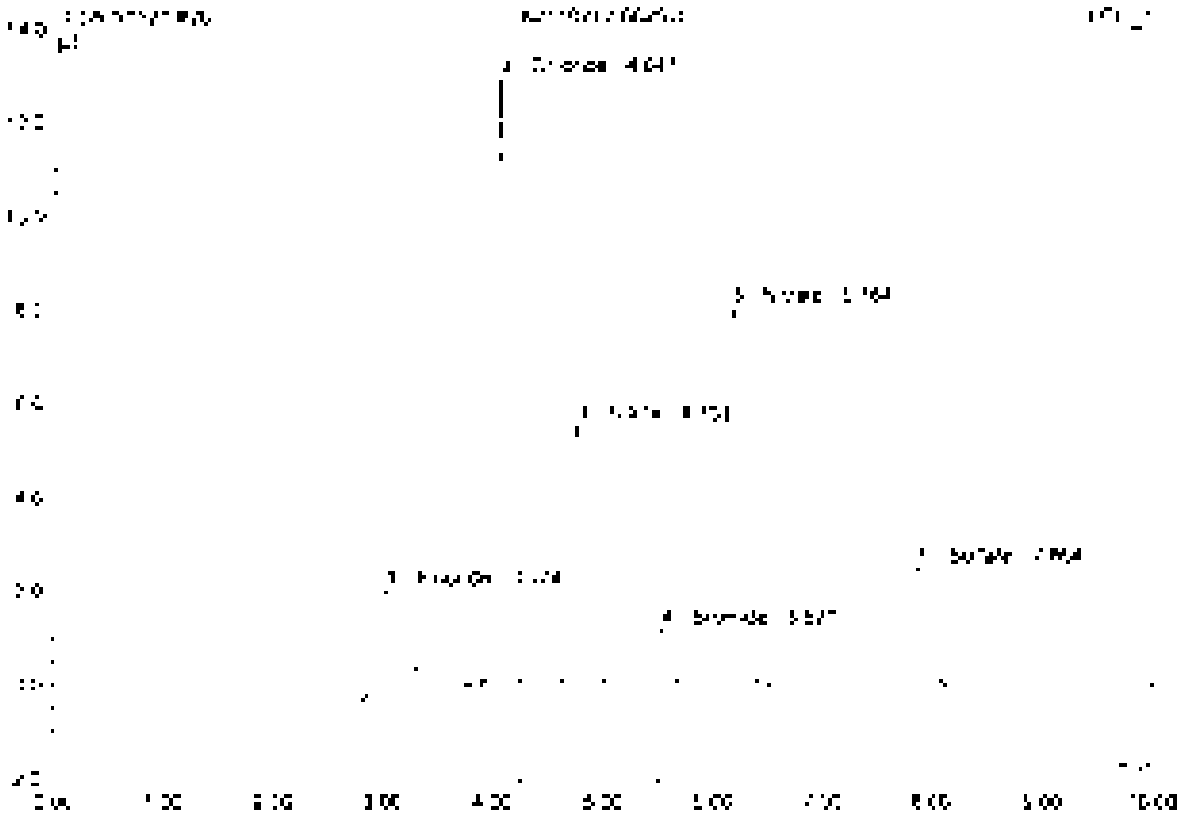
Sample Name	K2110712-002S	Injection Volume	25.0
Vial Number	12	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	20.0000
Analysis Time	5/15/2021 15:17	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	2.258	0.567	13.63	50.418	BMB
2	4.04	Chloride	12.854	1.166	28.05	127.766	bVB
3	4.38	n.a.	0.145	0.014	0.34	n.a.	BMU
4	4.75	Nitrite	5.503	0.702	16.87	39.312	BMU
5	5.52	Bromide	1.185	0.145	3.48	39.213	BVB
6	6.18	Nitrate	8.332	1.186	28.50	90.052	BVB
7	7.86	Sulfate	2.674	0.458	11.02	71.351	BVB
Total			32.458	4.158	100.00	378.099	

28 K2110712-002SD

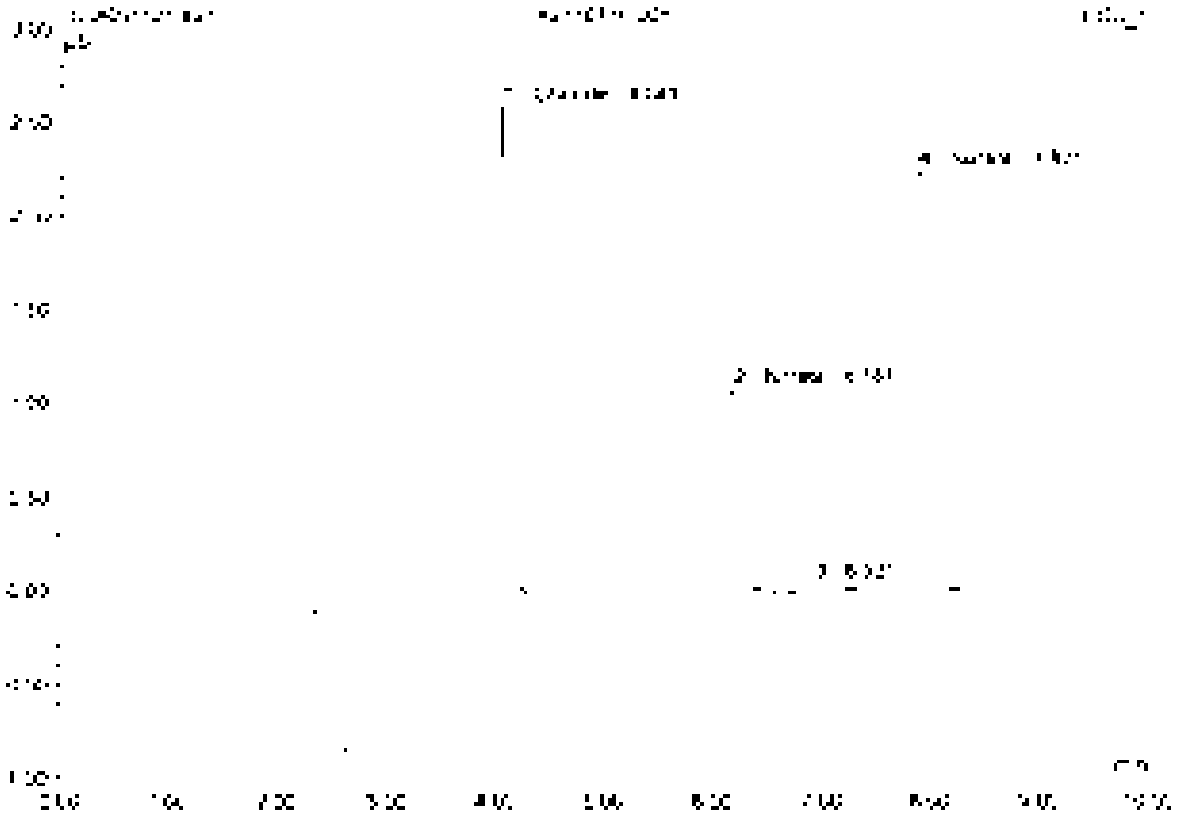
Sample Name	K2110712-002SD	Injection Volume	25.0
Vial Number	13	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	9/15/2021 13:29	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.92	Fluoride	7.301	0.569	12.54	50.533	BMB
2	4.34	Chloride	12.325	[illegible]	28.38	128.329	BMB
3	4.75	Nitrite	5.526	[illegible]	16.94	39.568	BMB
4	5.57	Bromide	1.177	0.145	3.50	39.547	BMB
5	5.16	Nitrate	9.034	[illegible]	26.65	50.308	BMB
6	7.80	Sulfate	2.518	0.457	11.20	77.735	BMB
Total:			32.487	4.152	100.00	391.051	

27 K2110716-001

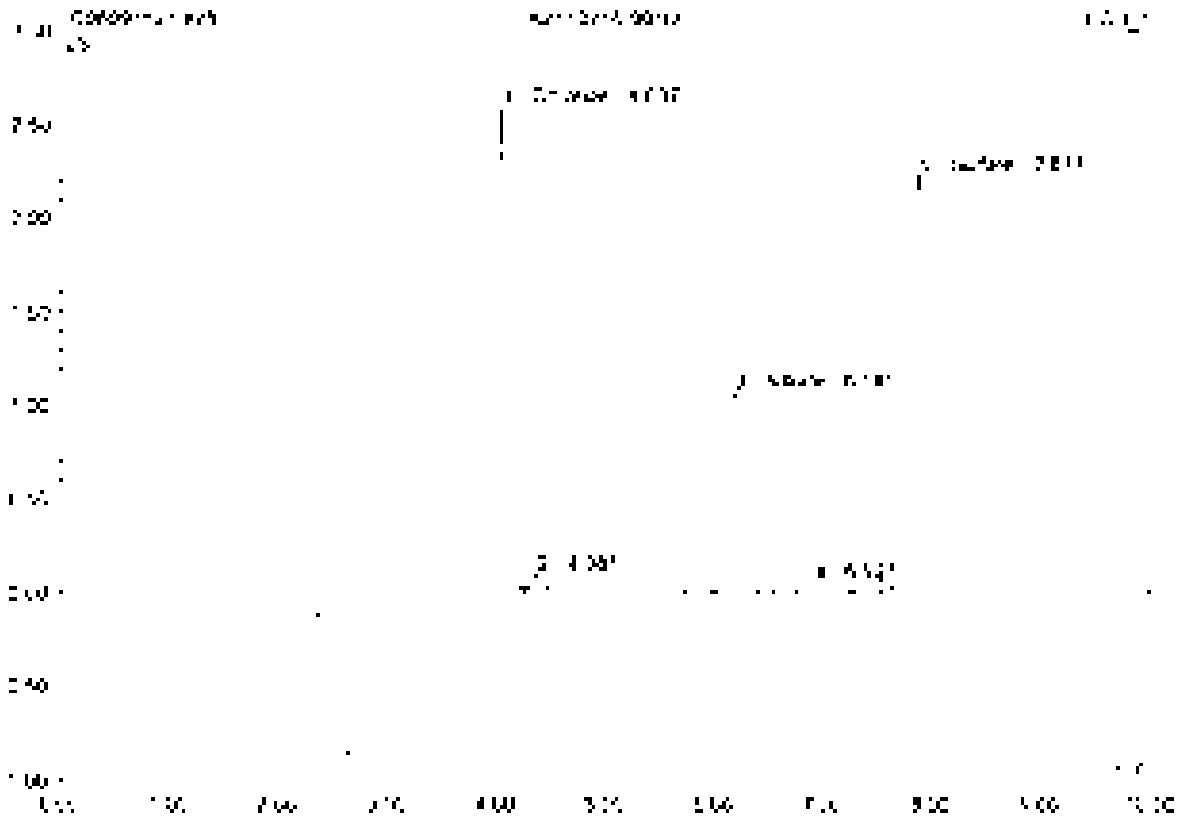
Sample Name	K2110716-001	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	3/13/2021 13:40	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.34	Chloride	2.594	0.243	25.35	2.663	BMB
2	6.13	Nitrate	1.630	0.155	16.12	0.702	BMB
3	6.90	n.a.	0.053	0.019	2.02	n.a.	BMB
4	7.87	Sulfate	3.246	0.411	42.60	6.395	BMB
Total:			5.572	0.828	100.00	9.760	

28 K2110716-001D

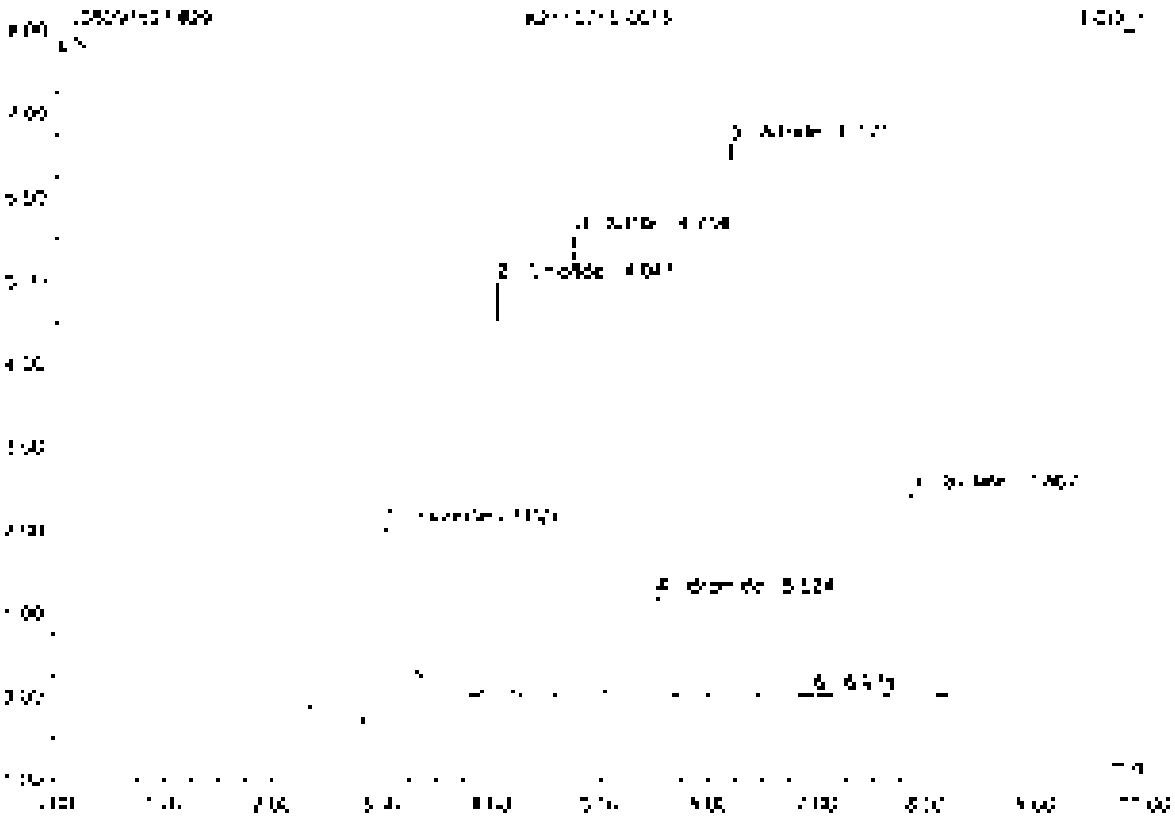
Sample Name	K2110716-001D	Injection Volume	25.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Processing Time	9/15/2021 15:52	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.06	Chloride	2.588	0.241	25.17	2.641	BMB
2	4.38	n.a.	0.085	0.009	1.07	n.a.	BMB
3	6.18	Nitrate	1.066	0.153	18.94	3.651	BMB
4	6.93	n.a.	0.050	0.017	2.05	n.a.	BMB
5	7.87	Sulfate	2.216	0.406	49.17	6.327	BMB
Total:			5.008	0.826	100.00	9.661	

29 K2110716-001S

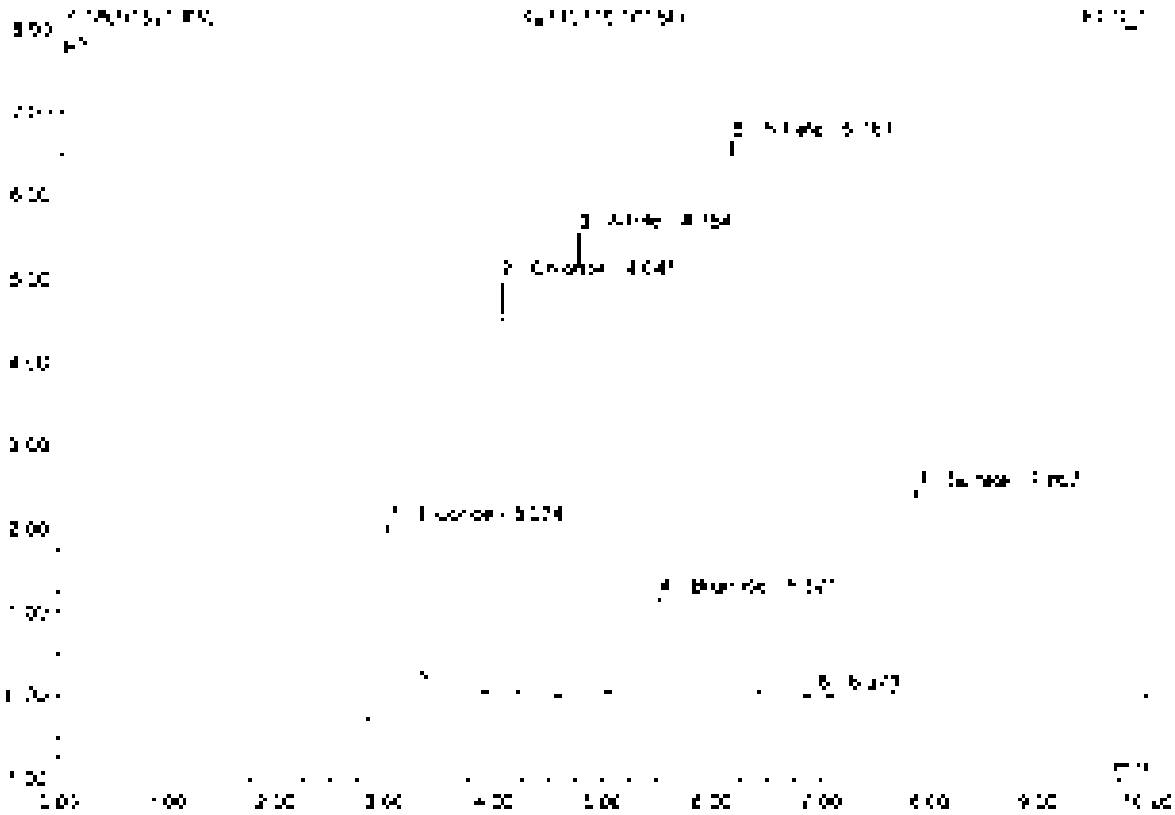
Sample Name	K2110716-001S	Injection Volume	20.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 16:04	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	7.298	0.573	1.50	10.197	BMB
2	4.04	Chloride	8.959	9.459	18.01	10.006	BMB
3	4.75	Nitrite	5.529	8.210	21.62	7.948	BMB
4	5.52	Bromide	1.121	2.145	4.44	2.880	BMB
5	5.17	Nitrate	6.648	9.927	28.31	6.295	BMB
6	6.97	n.a.	0.025	0.008	0.24	n.a.	BMB
7	7.57	Sulfate	2.458	9.450	15.60	14.187	BMB
Total:			22.104	53.276	100.00	58.503	

3D K2110716-001SD

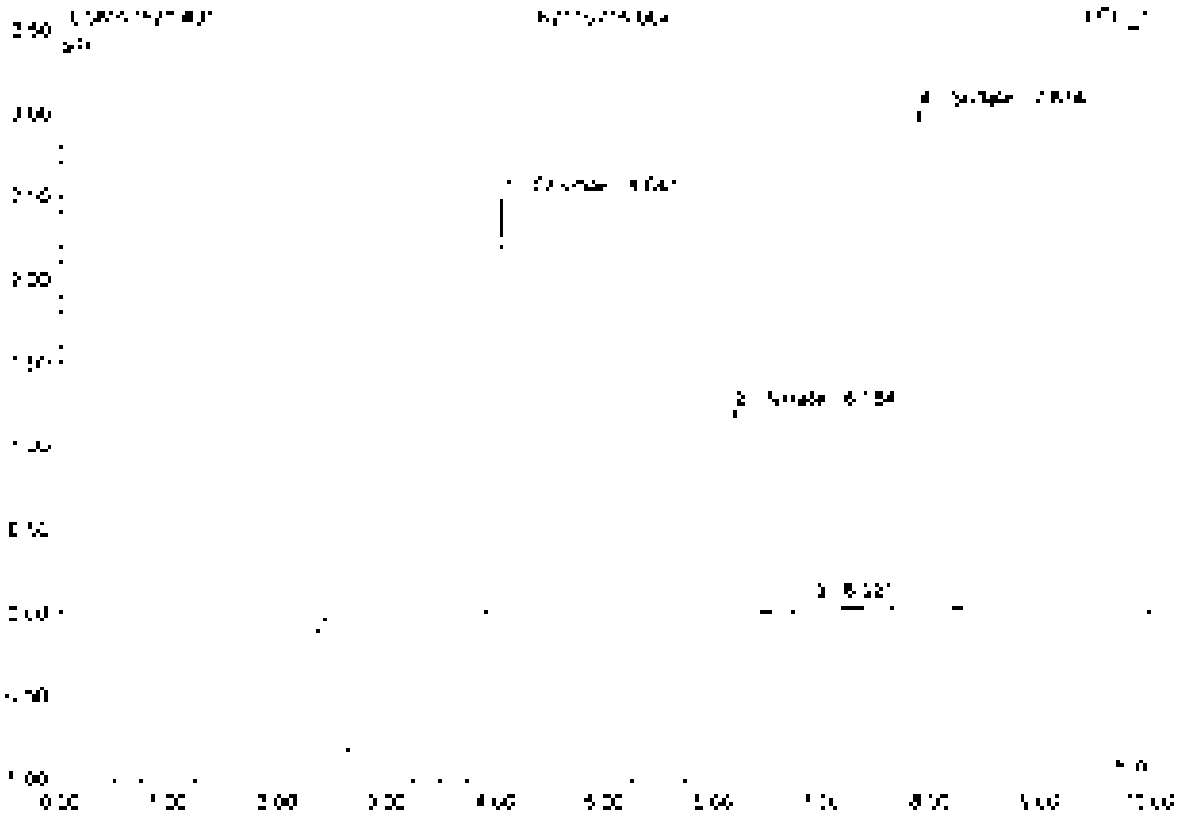
Sample Name	K2110716-001SD	Injection Volume	35.0
Run Number	17	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	4.0000
Recording Time	9/15/2021 16:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.02	Fluoride	7.133	0.575	17.52	10.231	BMB
2	4.04	Chloride	4.569	0.459	13.99	10.058	BMB
3	4.75	Nitrite	5.545	0.711	21.66	7.960	BMB
4	5.69	Bromide	1.184	0.146	4.45	7.972	BMB
5	6.17	Nitrate	6.667	0.928	28.30	8.606	BMB
6	6.67	n.a.	0.027	0.009	0.28	n.a.	BMB
7	7.81	Sulfate	2.452	0.453	13.79	14.591	BMB
Total			27.147	3.281	100.00	58.667	

31 K2110716-002

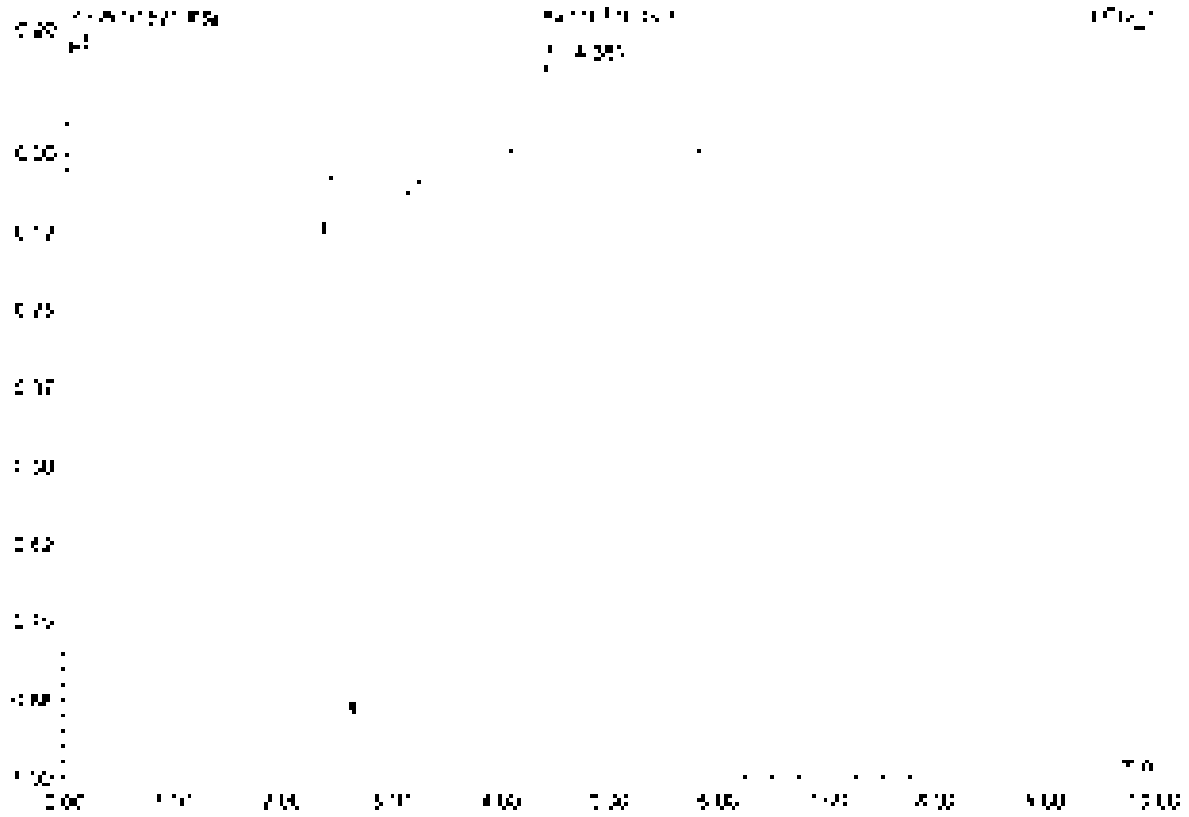
Sample Name	K2110716-002	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	9/15/2021 16:27	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.06	Chloride	2.635	0.234	23.85	2.560	BV8
2	6.19	Nitrate	1.236	0.176	17.92	3.795	BV8
3	6.92	n.a.	0.058	0.021	2.15	n.a.	BM0
4	7.87	Sulfate	3.301	0.549	56.06	8.550	BM0
Total:			6.760	0.980	100.00	11.905	

32 K2110716-003

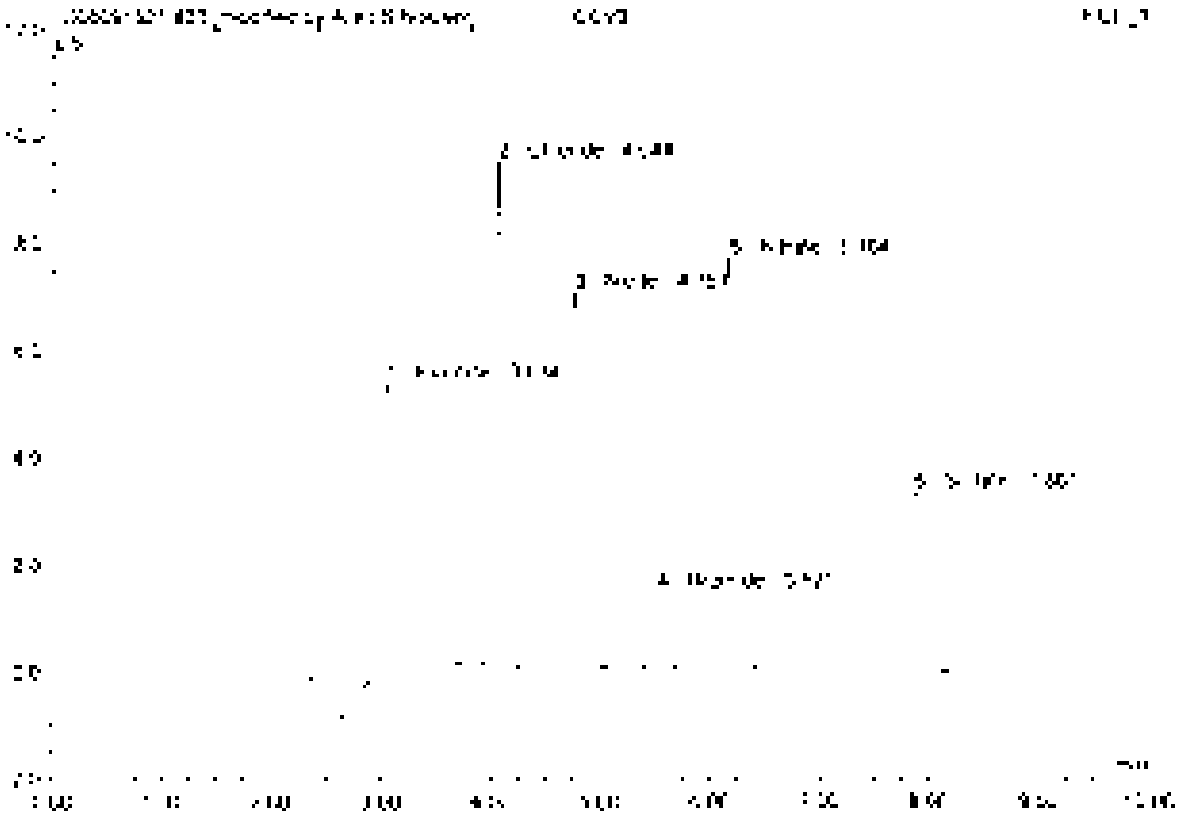
Sample Name	K2110716-003	Injection Volume	25.0
Vial Number	19	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Quantitation Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	9/15/2021 16:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.39	n.a.	0.544	1.254	100.00	n.a.	BV8
Total:			0.544	1.254	100.00	0.000	

33 CCV3

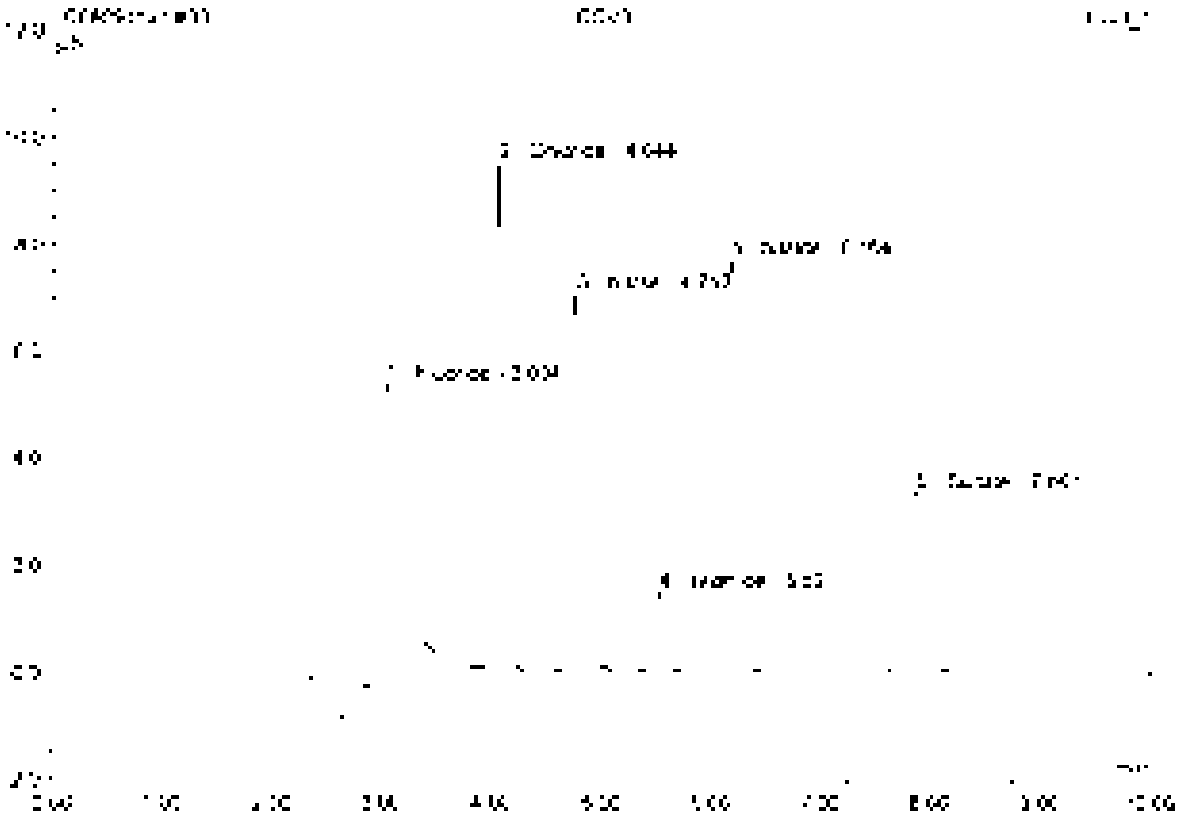
Sample Name	CCV3	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Polarity	n.a.
Quantif. Method	wpa300	Dilution Factor	1.0000
Processing Time	9/15/2021 18:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.33	Fluoride	5.506	1.206	24.83	5.316	BMB*
2	4.04	Chloride	9.436	0.860	17.84	4.022	BMB*
3	4.76	Nitrite	7.047	0.900	18.68	2.527	BMB
4	5.52	Bromide	1.471	0.175	3.71	2.478	BMB
5	6.16	Nitrate	5.107	1.066	21.94	2.359	BMB
6	7.06	Sulfate	1.085	0.628	13.00	4.889	BMB
Total:			34.592	4.832	100.00	22.302	

33 CCV3

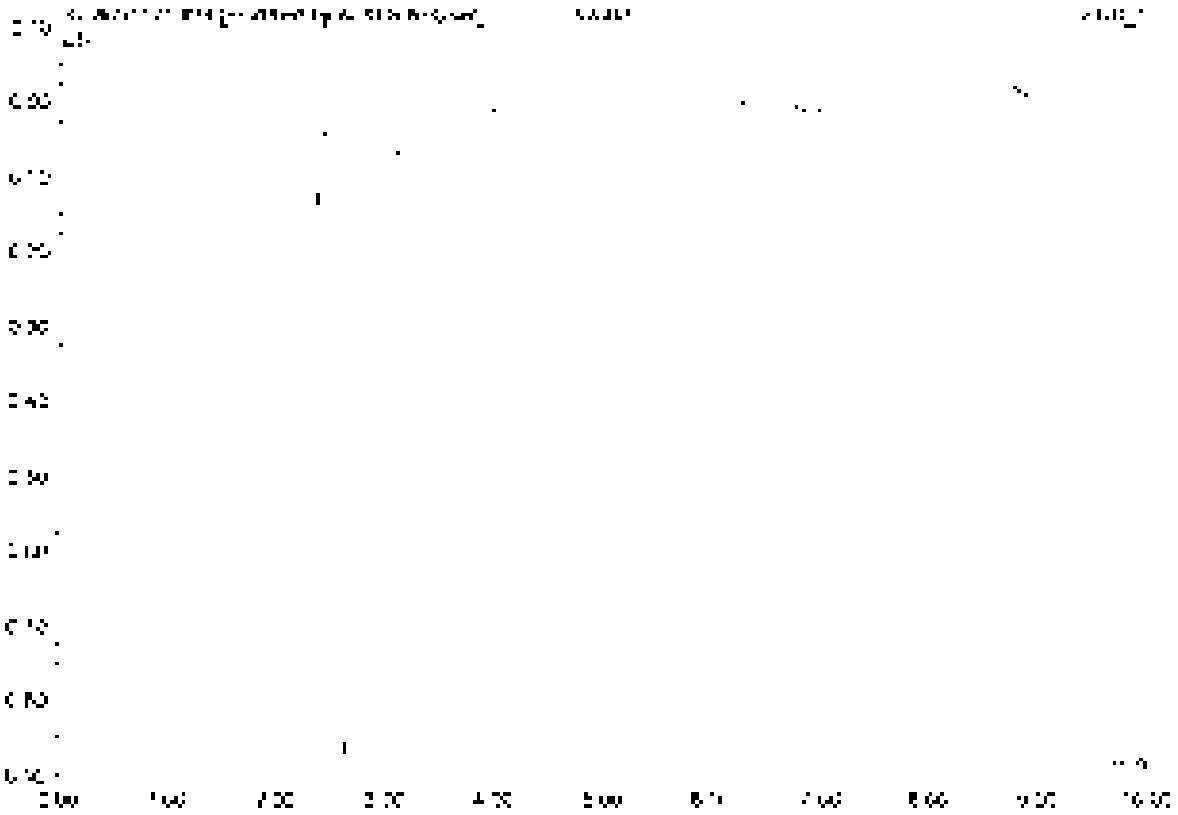
Sample Name	CCV3	Injection Volume	26.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	5/18/2021 16:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.03	Fluoride	5.595	[illegible]	25.88	5.640	BMB
2	4.04	Chloride	9.456	0.862	17.59	4.722	BMB
3	4.45	Nitrite	[illegible]	0.503	18.42	2.527	BVB
4	5.57	Bromide	1.471	0.175	3.66	2.428	BVB
5	5.16	Nitrate	2.707	[illegible]	21.63	2.356	BMB
6	7.86	Sulfate	3.345	0.628	12.82	4.889	BMB
Total:			34.621	4.900	100.00	22.605	

34 CCB3

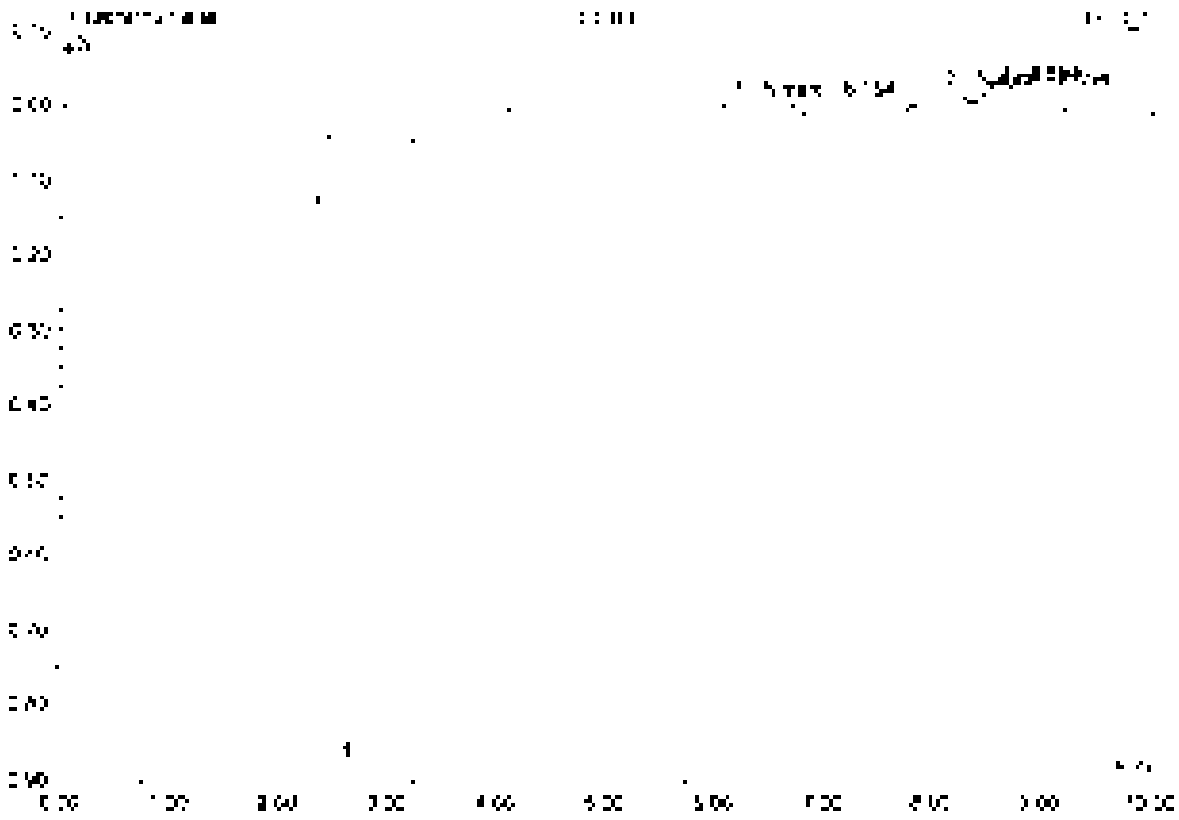
Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	8/13/2021 17:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

34 CCB3

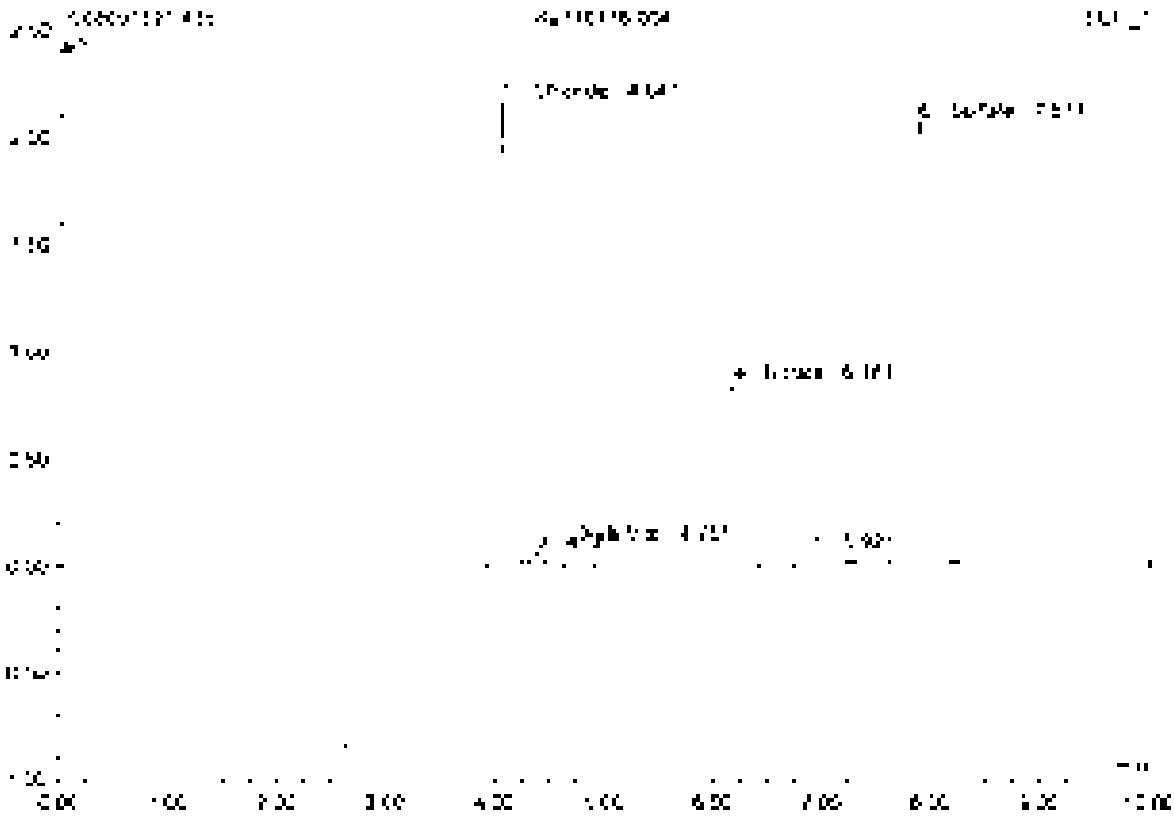
Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 17:02	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.15	Nitrate	0.292	2.054	99.10	4.647	BV R
2	8.09	Sulfate	0.019	0.007	0.33	0.053	BV C
3	8.54	n.a.	0.027	0.011	0.51	n.a.	BMB
Total:			0.329	2.071	100.00	4.700	

35 K2110716-004

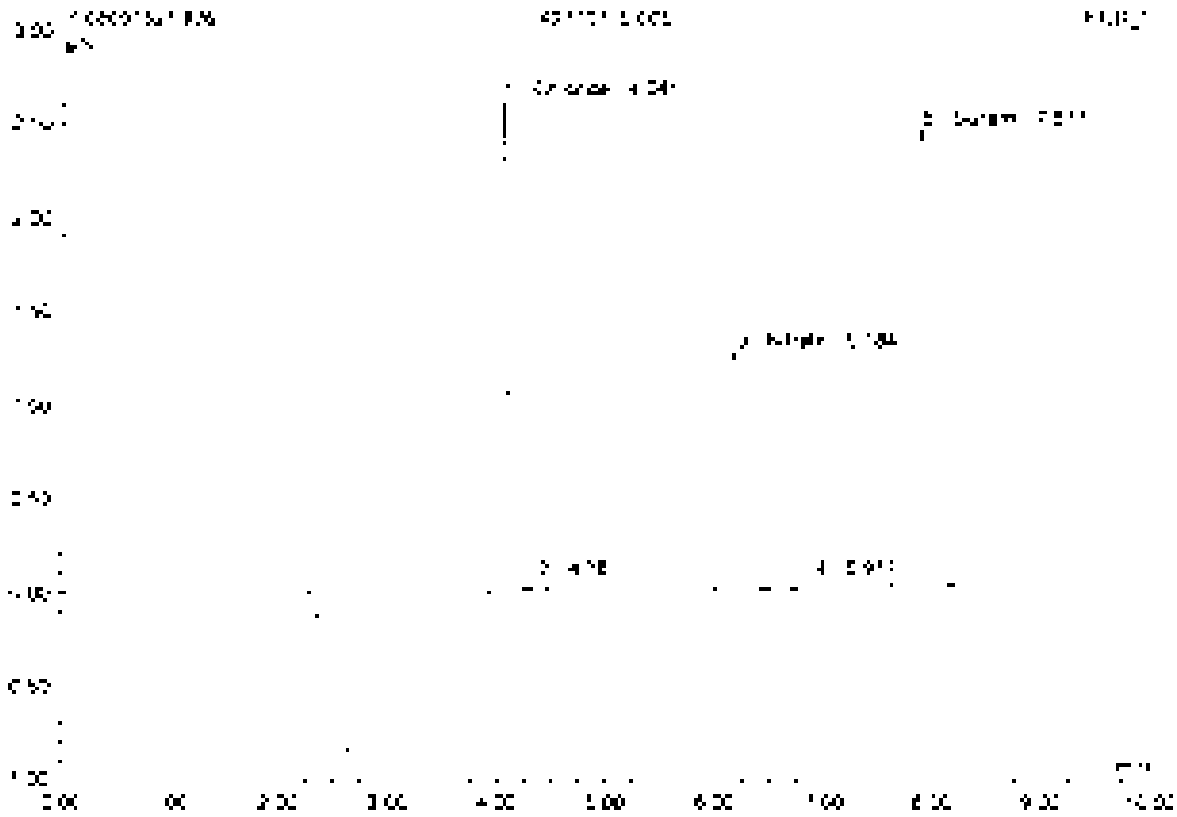
Sample Name	K2110716-004	Injection Volume	25.0
Vial Number	70	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	9/15/2021 17:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.04	Chloride	2.164	0.200	27.42	2.221	BMB
2	4.32	n.a.	0.061	0.006	0.86	n.a.	BMB
3	4.75	Nitrite	0.096	0.012	1.62	0.067	BMB
4	5.18	Nitrate	0.347	0.120	16.25	0.946	BMB
5	6.92	n.a.	0.058	0.019	2.64	n.a.	BMB
6	7.27	Sulfate	2.061	0.380	51.39	6.517	BMB
Total:			5.775	0.739	100.00	8.749	

36 K2110716-005

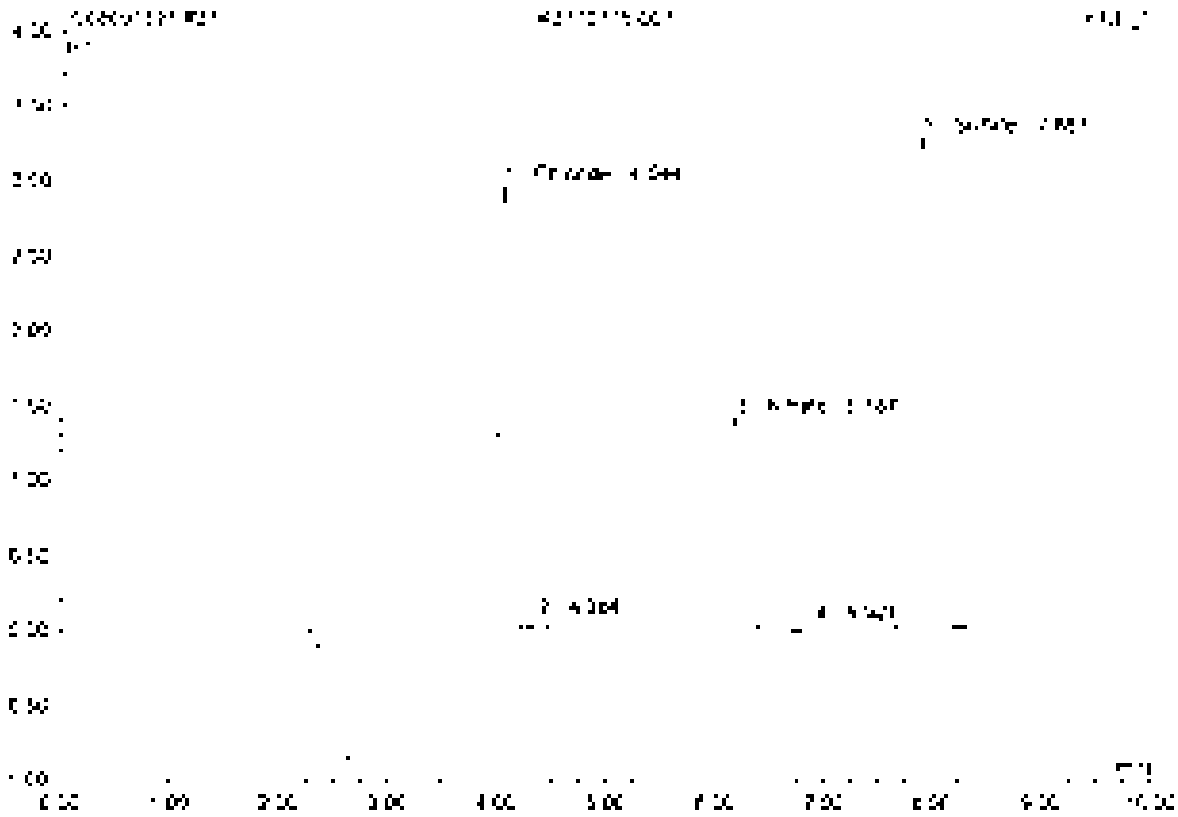
Sample Name	K2110716-005	Injection Volume	25.0
Vial Number	21	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantif. Method	wpa300	Calibrat. Factor	2.0000
Acquisition Time	9/15/2021 17:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	2.620	0.344	27.35	2.678	BMB
2	4.38	n.a.	0.054	0.005	0.41	n.a.	BMB
3	5.18	Nitrate	1.270	0.162	20.46	0.878	BMB
4	5.57	n.a.	0.054	0.016	2.05	n.a.	BMB
5	7.28	Sulfate	7.437	0.440	49.54	6.895	BMB
Total:			6.430	0.894	100.00	10.450	

37 K2110716-007

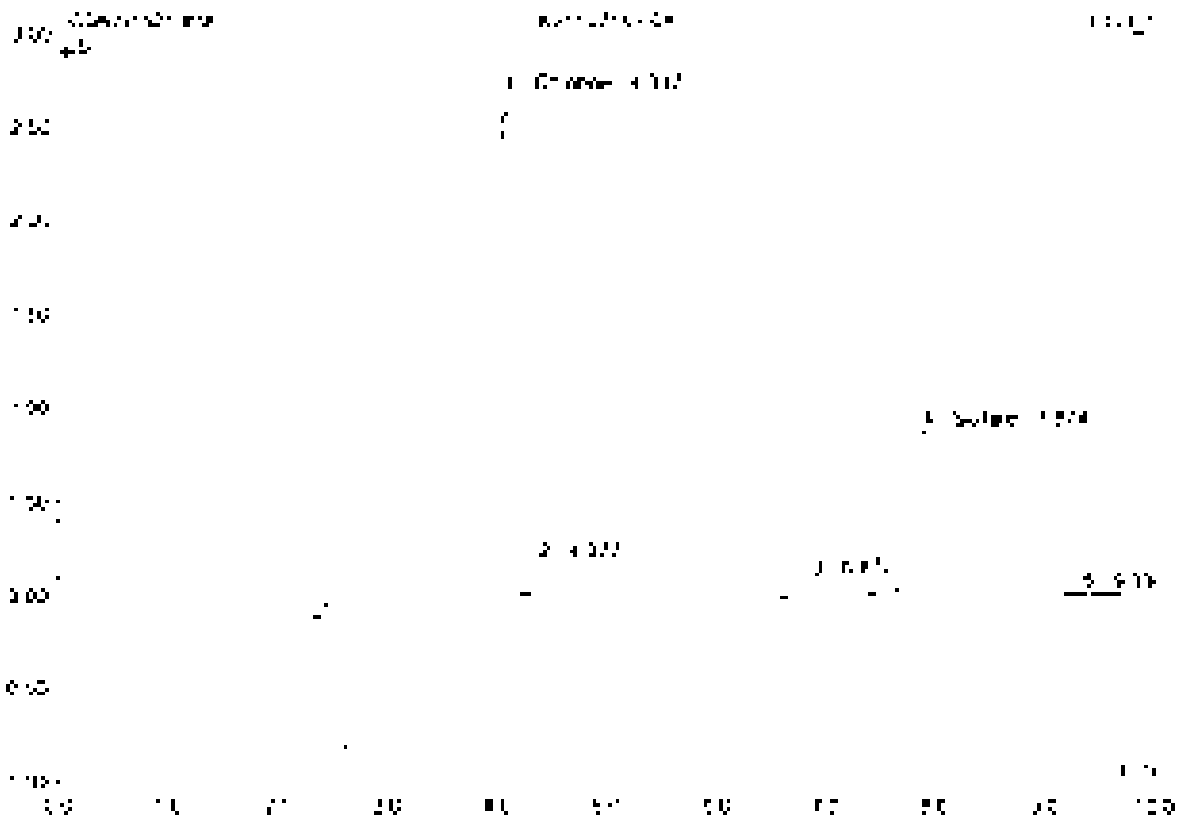
Sample Name	K2110716-007	Injection Volume	25.0
Vial Number	22	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Quality Program	epa300	Bandwidth	n.a.
Quality Method	epa300	Dilution Factor	3.0000
Recording Time	9/15/2021 17:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	2.969	0.277	25.00	3.031	BMB
2	4.38	n.a.	0.073	0.007	0.67	n.a.	BMB
3	6.19	Nitrate	1.420	0.204	18.41	2.973	BMB
4	6.90	n.a.	0.049	0.017	1.51	n.a.	BMB
5	7.89	Sulfate	3.265	0.602	54.41	9.318	BMB
Total:			7.796	1.107	100.00	15.312	

38 K2110716-008

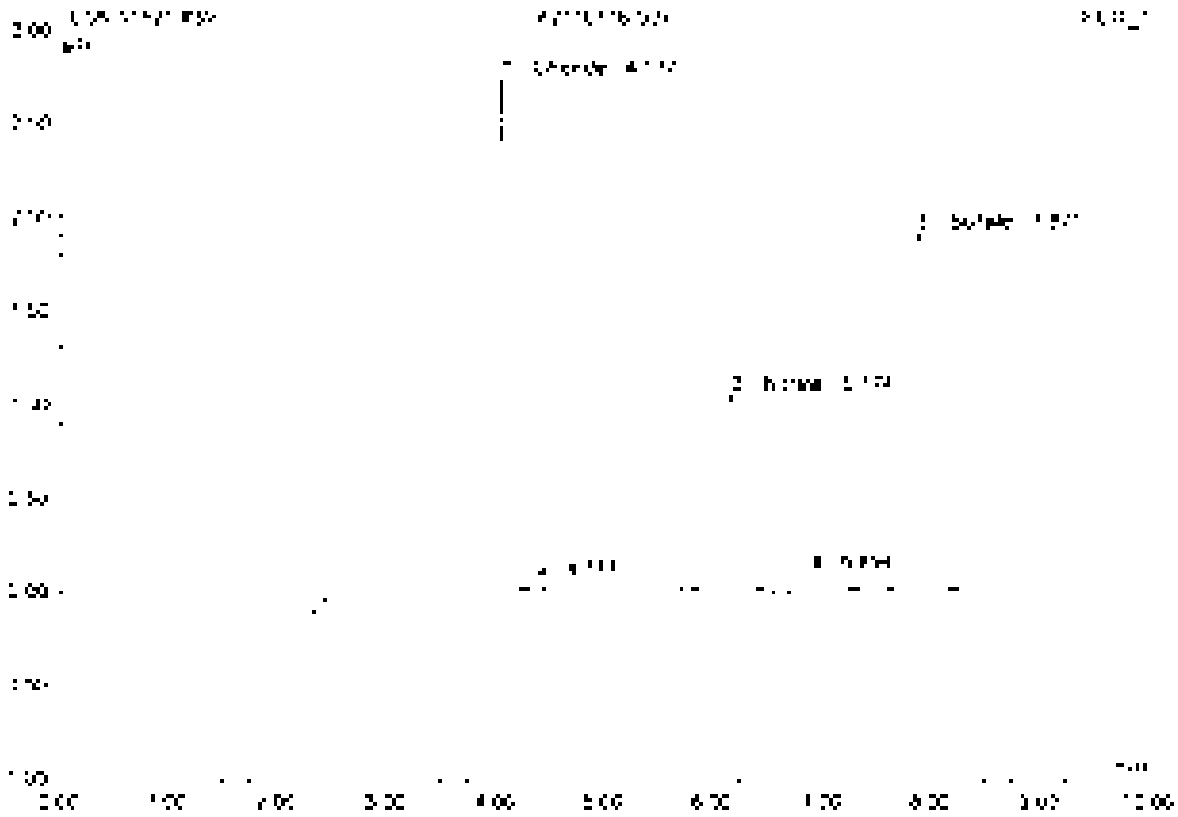
Sample Name	K2110716-008	Injection Volume	25.0
Vial Number	21	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	9/13/2021 17:49	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Relative %	Amount	Type
1	4.34	Chlorpyrifos	2.674	0.250	52.37	2.744	BV
2	4.35	n.a.	0.172	0.018	3.72	n.a.	BV
3	6.57	n.a.	0.098	0.040	8.95	n.a.	BMB
4	7.87	Sulfatin	0.268	0.161	33.61	2.503	BMB
5	9.33	n.a.	0.010	0.006	1.35	n.a.	BMB
Total:			3.824	0.470	100.00	5.245	

39 K2110716-009

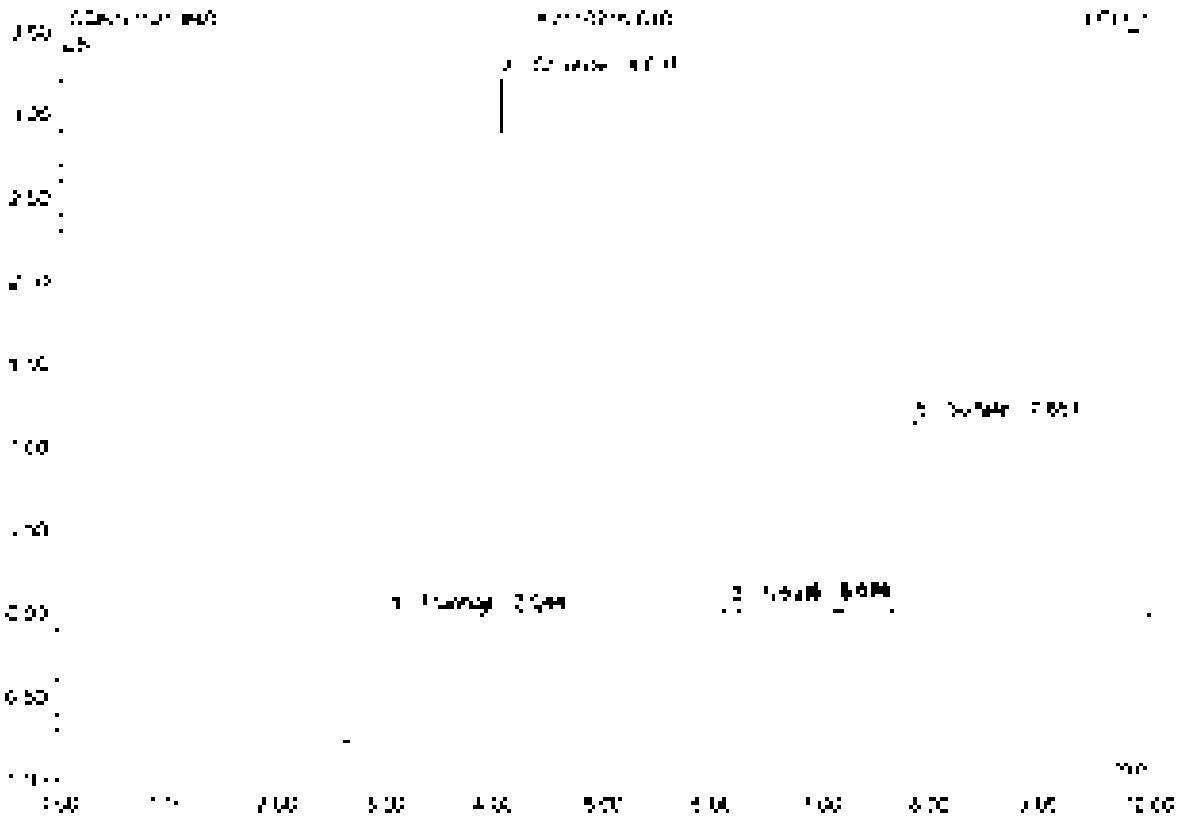
Sample Name	K2110716-009	Injection Volume	25.0
Vial Number	24	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Method Method	epa300	Dilution Factor	2.0000
Recording Time	9/15/2021 14:00	Sample Weight	1.0000
Run Time (max.)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.24	Chloride	2.738	0.255	31.01	2.796	BMB
2	4.38	n.a.	0.051	0.005	0.64	n.a.	BMB
3	6.17	Nitrite	1.040	0.161	20.09	0.727	BMB
4	6.50	n.a.	0.045	0.007	0.90	n.a.	BMB
5	7.57	Sulfate	1.904	0.352	43.96	5.475	BMB
Total:			5.779	0.800	100.00	8.998	

40 K2110716-010

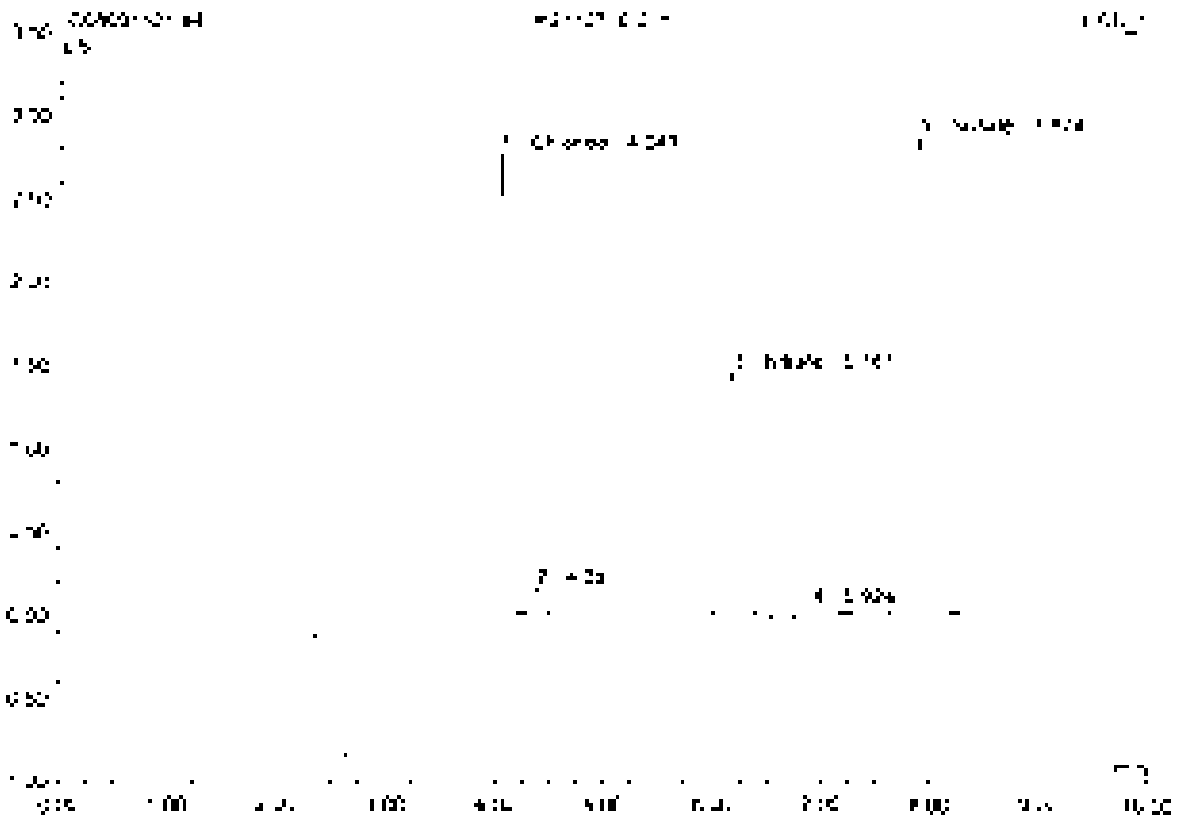
Sample Name	K2110716-010	Injection Volume	25.0
Vial Number	25	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Processing Time	[illegible] 18:13	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	0.530	0.358	25.79	3.123	BMB
2	4.04	Chloride	0.227	0.295	20.26	3.277	BMB
3	6.17	Nitrate	0.050	0.008	0.55	0.015	BMB
4	5.87	n.a.	0.071	0.035	2.58	n.a.	BMB
5	7.86	Sulfate	1.167	0.256	24.34	3.365	BMB
Total:			2.053	0.900	100.00	9.852	

41 K2110716-011

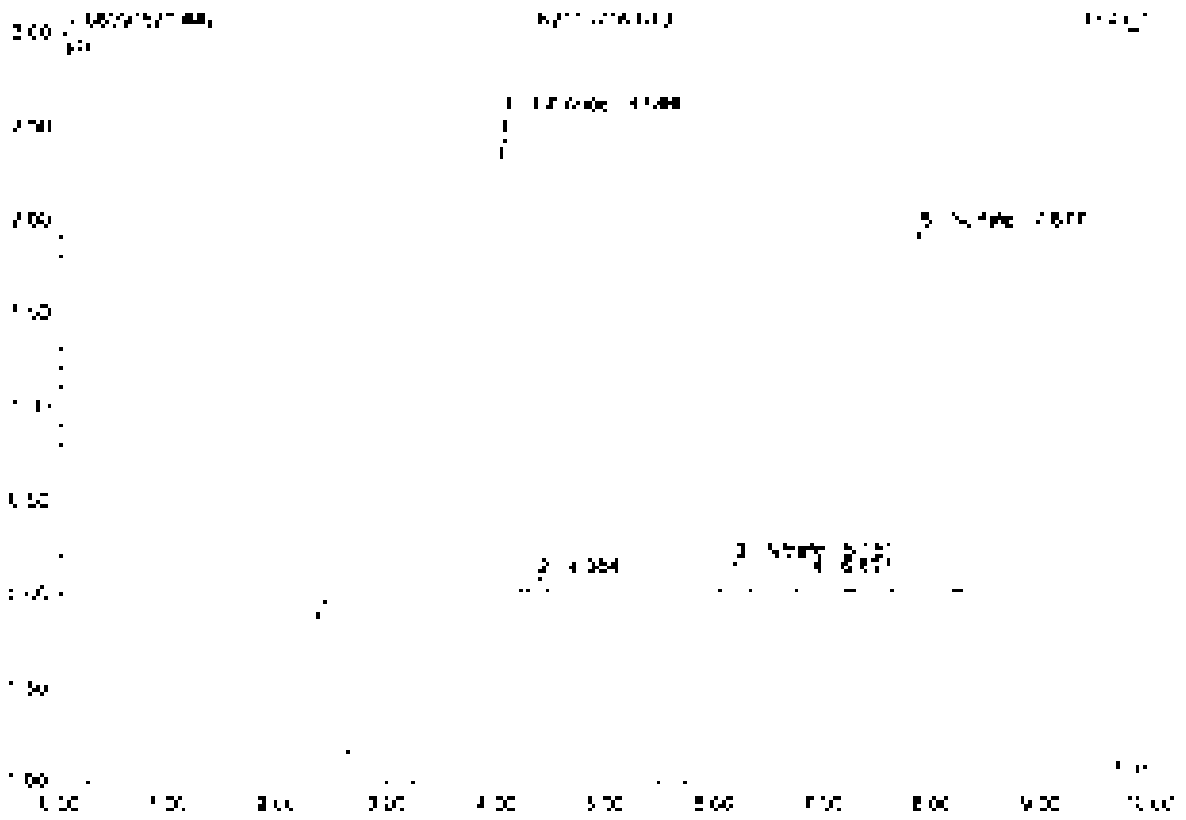
Sample Name	K2110716-011	Injection Volume	25.0
Vial Number	25	Channel	ECD 1
Sampler Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	9/13/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	[illegible]	[illegible]	25.20	2.831	BMB
2	4.38	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
3	6.18	Nitrate	[illegible]	[illegible]	70.30	[illegible]	BMB
4	6.52	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
5	[illegible]	Sulfate	2.866	[illegible]	51.17	[illegible]	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

42 K2110716-013

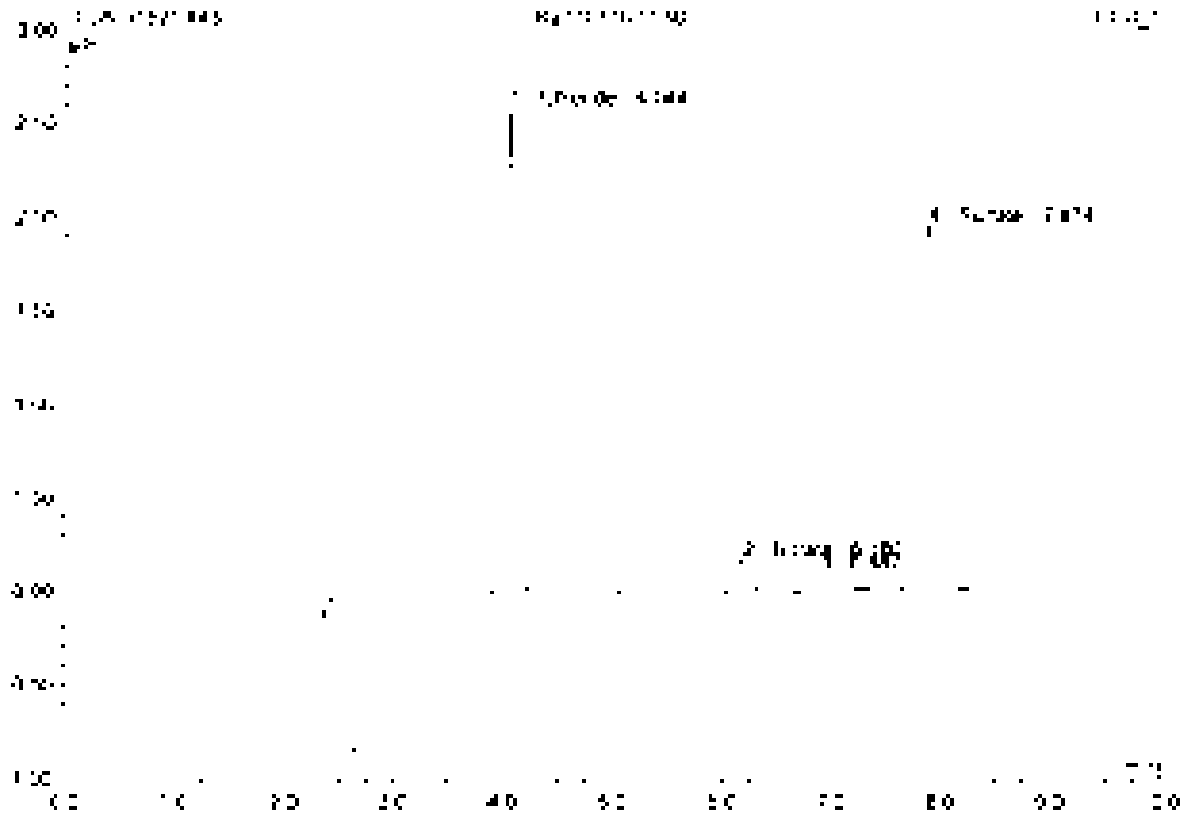
Sample Name	K2110716-013	Injection Volume	25.0
Vial Number	27	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	9/15/2021 18:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.06	Chloride	2.553	0.738	36.72	2.503	BMB
2	4.39	n.a.	0.075	0.038	1.91	n.a.	BMB
3	5.18	Nitrate	0.153	0.073	3.64	0.124	BMB
4	6.89	n.a.	0.080	0.070	3.48	n.a.	BMB
5	7.88	Sulfate	1.925	1.126	55.04	5.541	BMB
Total:			4.931	2.047	100.00	8.251	

43 K2110716-013D

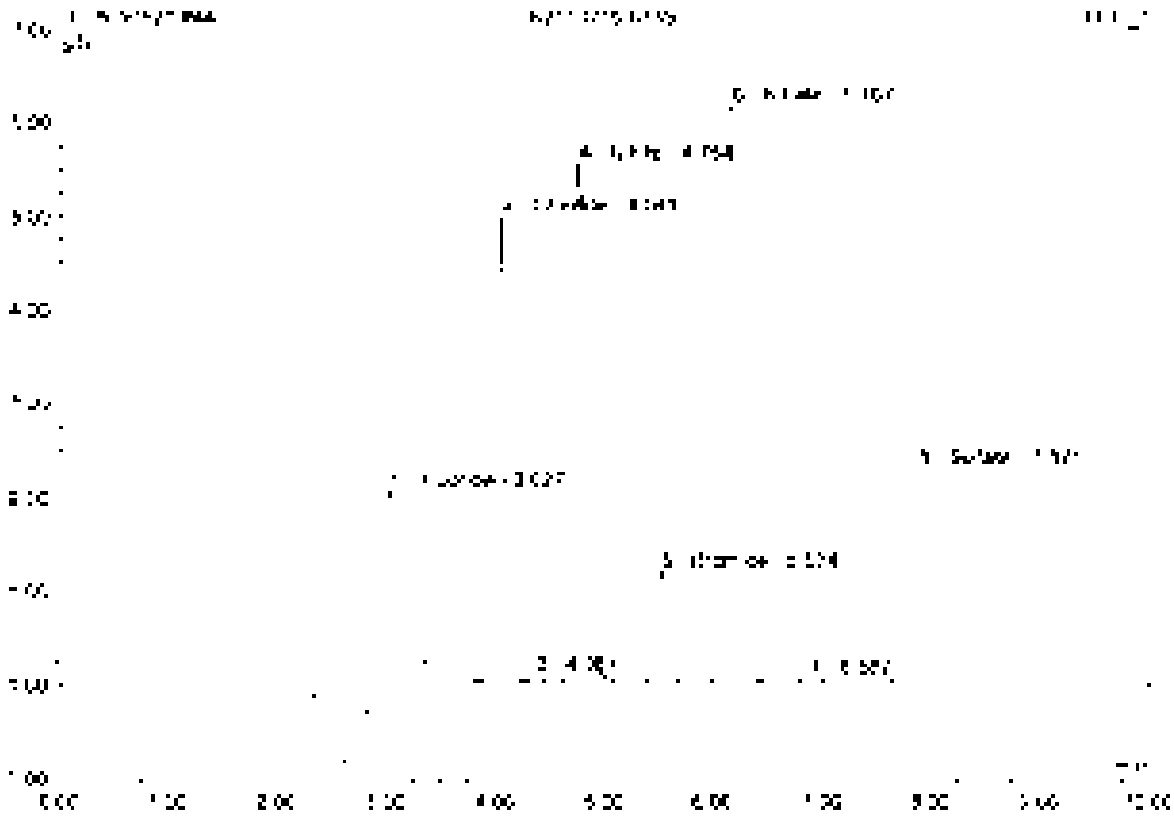
Sample Name	K2110716-013D	Injection Volume	25.0
Vial Number	28	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Current Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	9/16/2021 18:47	Sample Weight	1.0000
Run Time (min)	40.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.34	Chloride	2.580	0.241	27.14	2.635	BMB
2	6.18	Nitrate	0.163	0.021	2.35	0.164	BMB
3	6.69	n.a.	0.096	0.026	4.02	n.a.	BMB
4	7.57	Sulfate	2.941	0.459	56.79	5.583	BMB
Total:			4.781	0.845	100.00	8.325	

44 KZ110716-013S

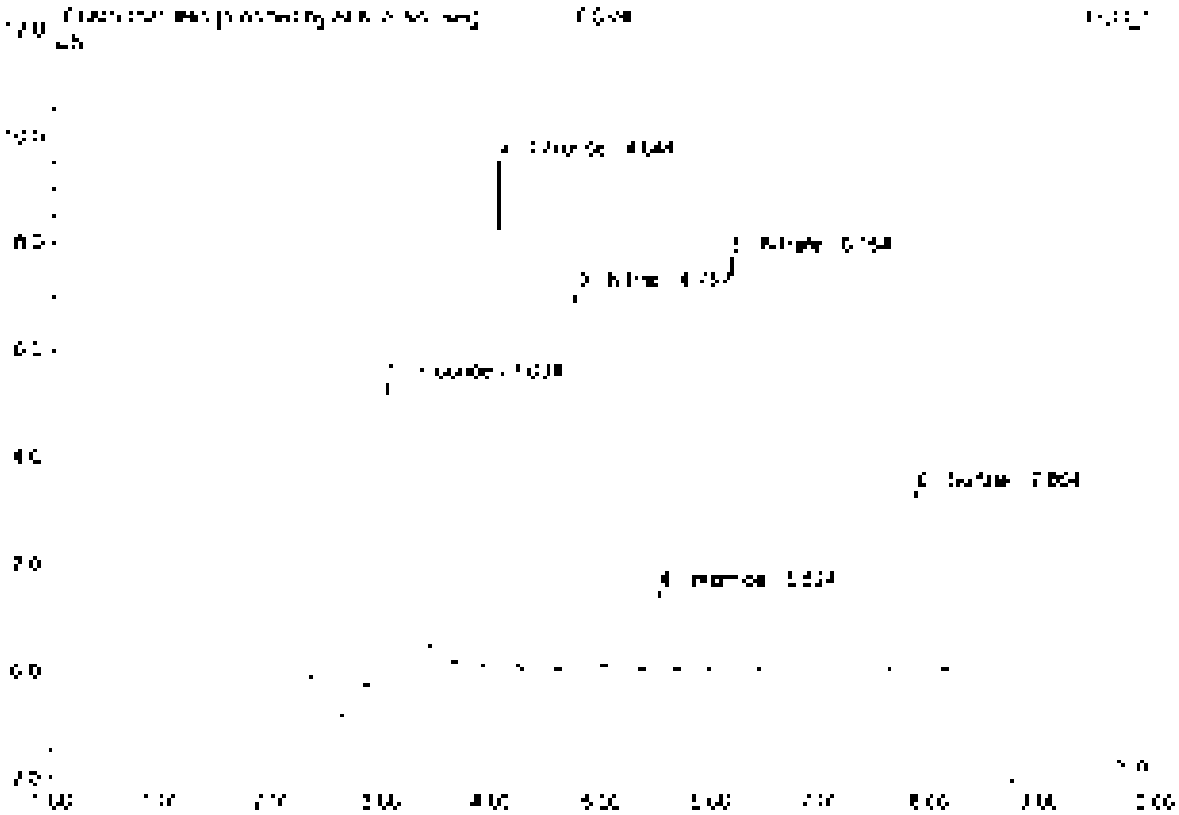
Sample Name	KZ110716-013S	Injection Volume	25.0
Vial Number	29	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Method Method	epa300	Dilution Factor	4.0000
Recording Time	9/15/2021 18:58	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.03	Fluoride	7.311	0.576	12.03	0.257	BMB
2	4.04	Chloride	4.365	0.459	14.37	0.259	BMB
3	4.38	n.a.	0.367	0.006	0.20	n.a.	BMB
4	4.75	Nitrite	5.537	0.476	22.19	7.940	BMB
5	5.52	Bromide	1.124	0.146	4.57	2.497	BMB
6	5.17	Nitrate	5.165	0.857	26.83	7.758	BMB
7	6.59	n.a.	0.050	0.015	0.46	n.a.	BMB
8	7.57	Sulfate	7.795	0.476	14.90	13.219	BMB
Total:			32.573	3.195	100.00	32.195	

45 CCV4

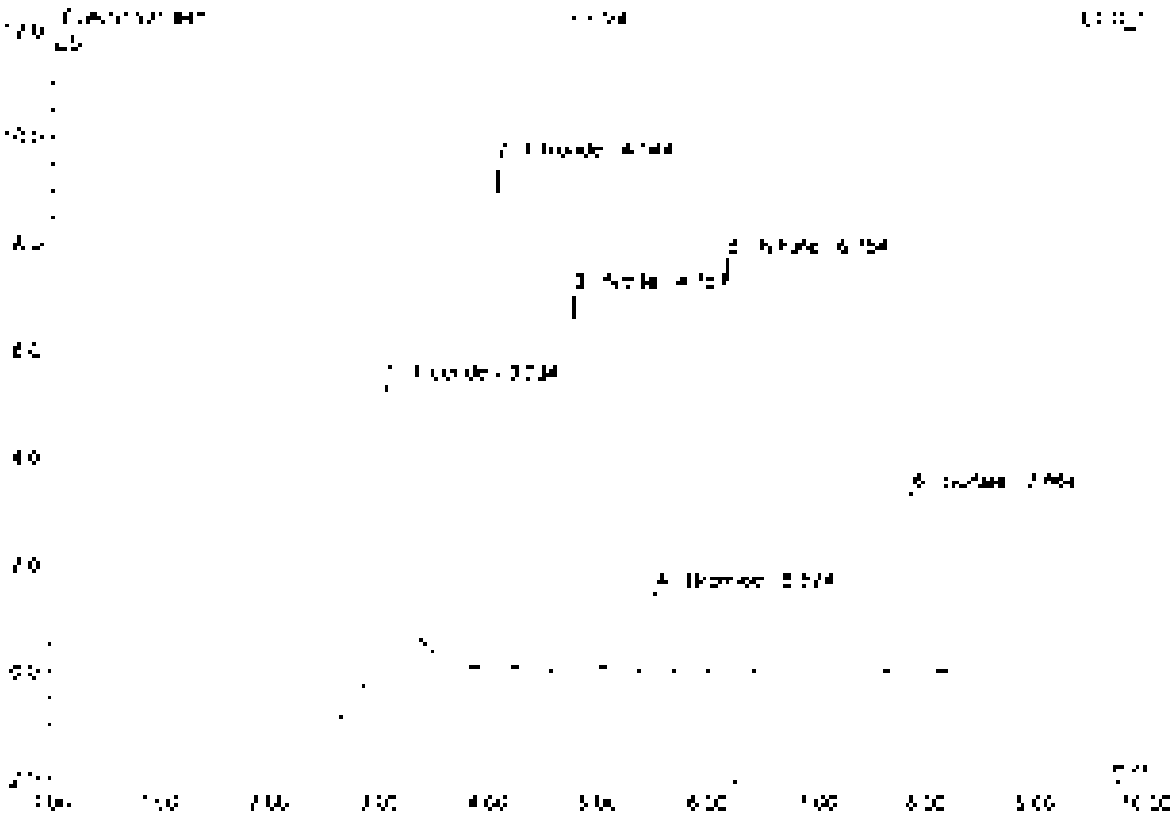
Sample Name	CCV4	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 18:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.93	Fluoride	5.563	[illegible]	24.40	5.234	BV/B'
2	4.34	Chloride	9.478	0.805	17.93	4.736	BV/B'
3	4.76	Nitrite	7.052	0.307	10.81	2.540	BV/B
4	5.52	Bromide	1.479	0.151	3.75	2.448	BV/B
5	5.10	Nitrate	7.730	1.364	22.07	2.402	BV/B
6	7.80	Sulfate	3.344	0.625	13.04	4.296	BMB
Total:			34.645	4.522	100.00	22.262	

45 CCV4

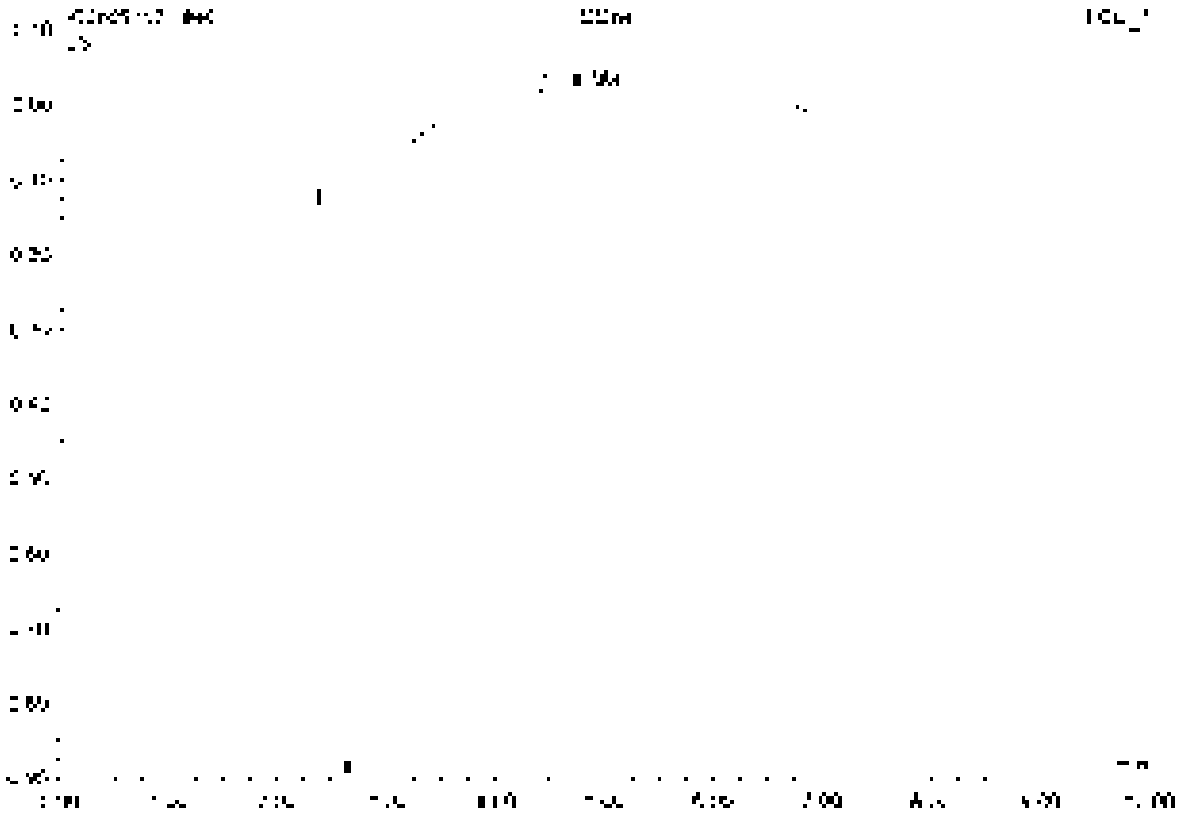
Sample Name	CCV4	Injection Volume	25.0
Vial Number	45	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Acquisition Time	9/15/2021 19:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.62	Fluoride	5.609	1.275	25.53	5.578	BMb
2	4.64	Chloride	5.479	0.865	17.31	4.736	BMB
3	4.76	Nitrite	7.052	0.907	18.40	2.540	BVB
4	5.52	Bromide	1.472	0.181	3.67	2.445	BVB
5	6.15	Nitrate	7.730	1.064	21.62	2.408	BVB
6	7.86	Sulfate	3.344	0.629	12.78	4.836	BVB
Total			34.667	4.922	100.00	22.708	

46 CCB4

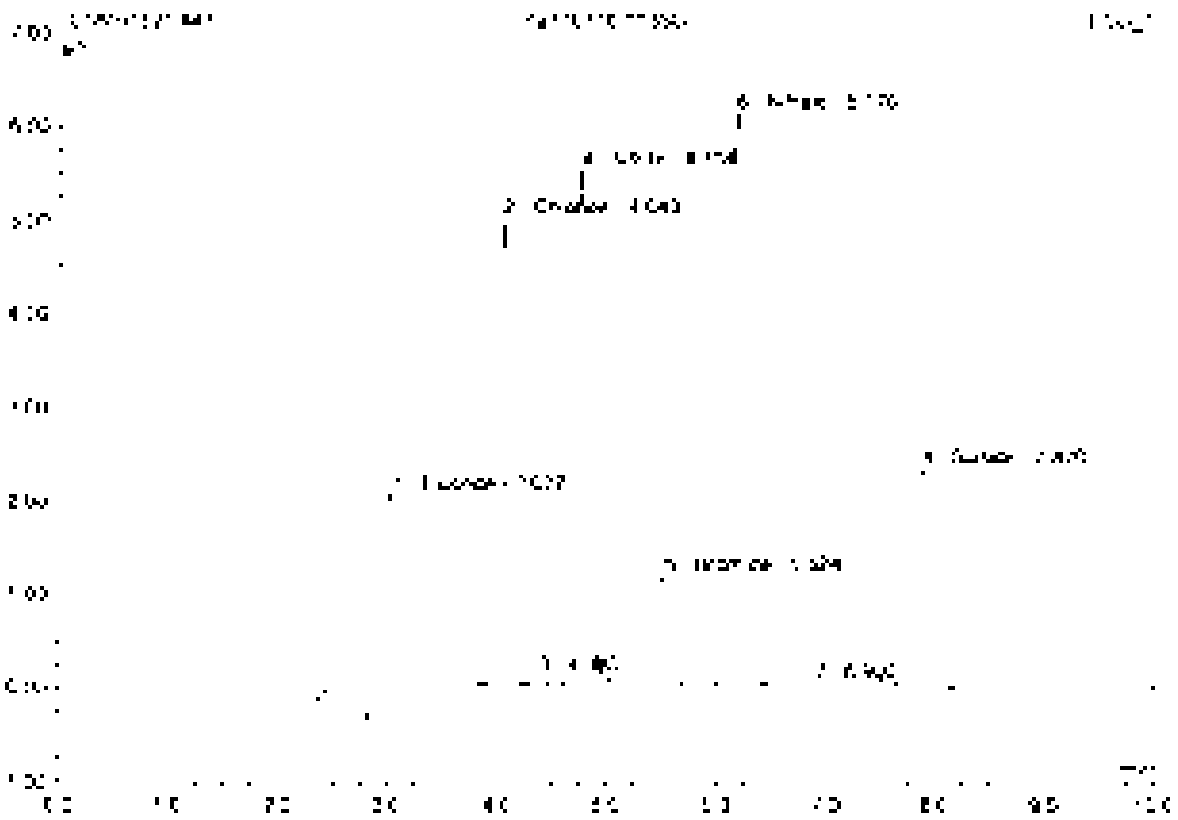
Sample Name	CCB4	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Operator Method	epa300	Calibrate Factor	1.0000
Processing Time	5/15/2021 18:27	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.09	n.a.	0.701	3.108	100.00	n.a.	BMB
Total:			0.701	3.108	100.00	0.000	

47 K2110716-013SD

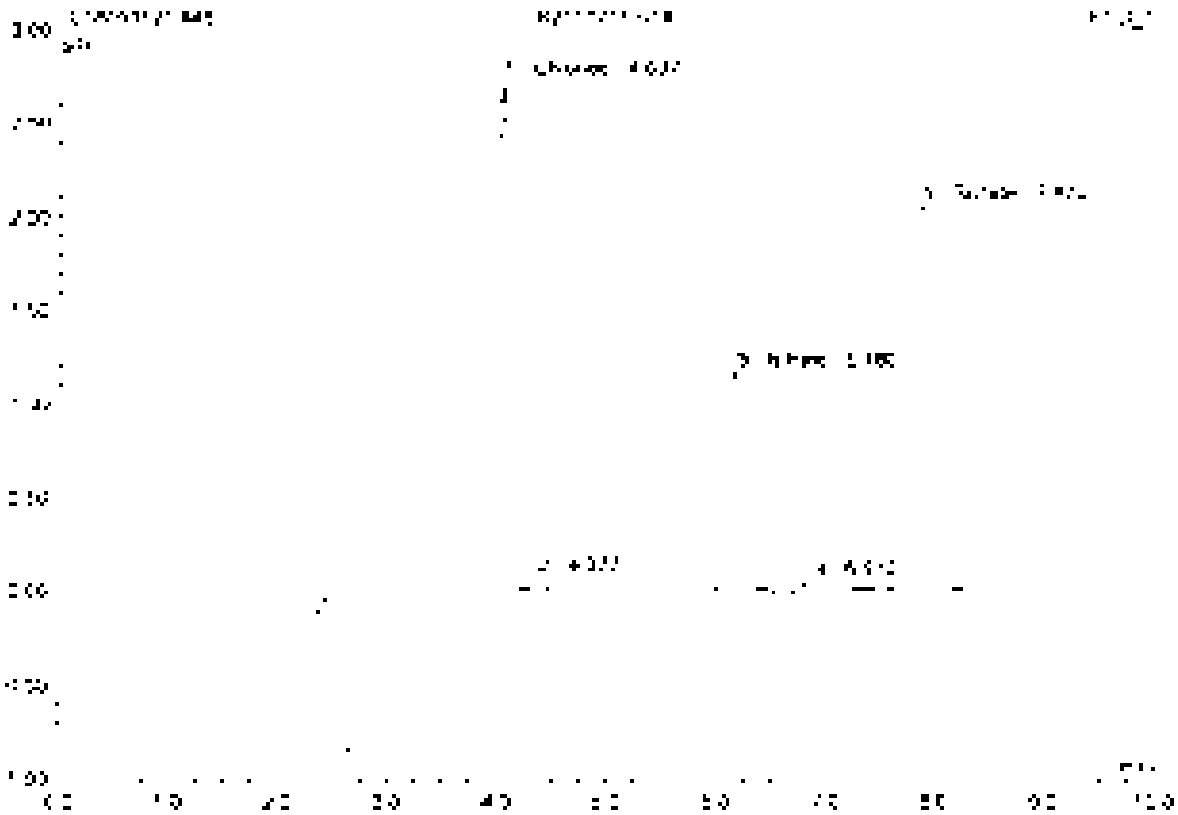
Sample Name	K2110716-013SD	Injection Volume	25.0
Vial Number	35	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	4.0000
Recording Time	9/15/2021 19:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.03	Fluoride	2.217	0.584	18.20	10.385	BMB
2	4.04	Chloride	4.583	0.461	14.38	10.102	BVB
3	4.28	n.a.	0.055	0.005	0.30	n.a.	BMB
4	4.75	Nitrite	5.515	0.705	22.10	7.540	BVB
5	5.52	Bromide	1.183	0.145	4.52	7.862	BMB
6	6.17	Nitrate	6.129	0.823	25.60	7.719	BMB
7	6.90	n.a.	0.035	0.010	0.32	n.a.	BVB
8	7.87	Sulfate	7.009	0.405	12.58	13.535	BVB
Total:			22.506	3.206	100.00	67.547	

48 K2110716-014

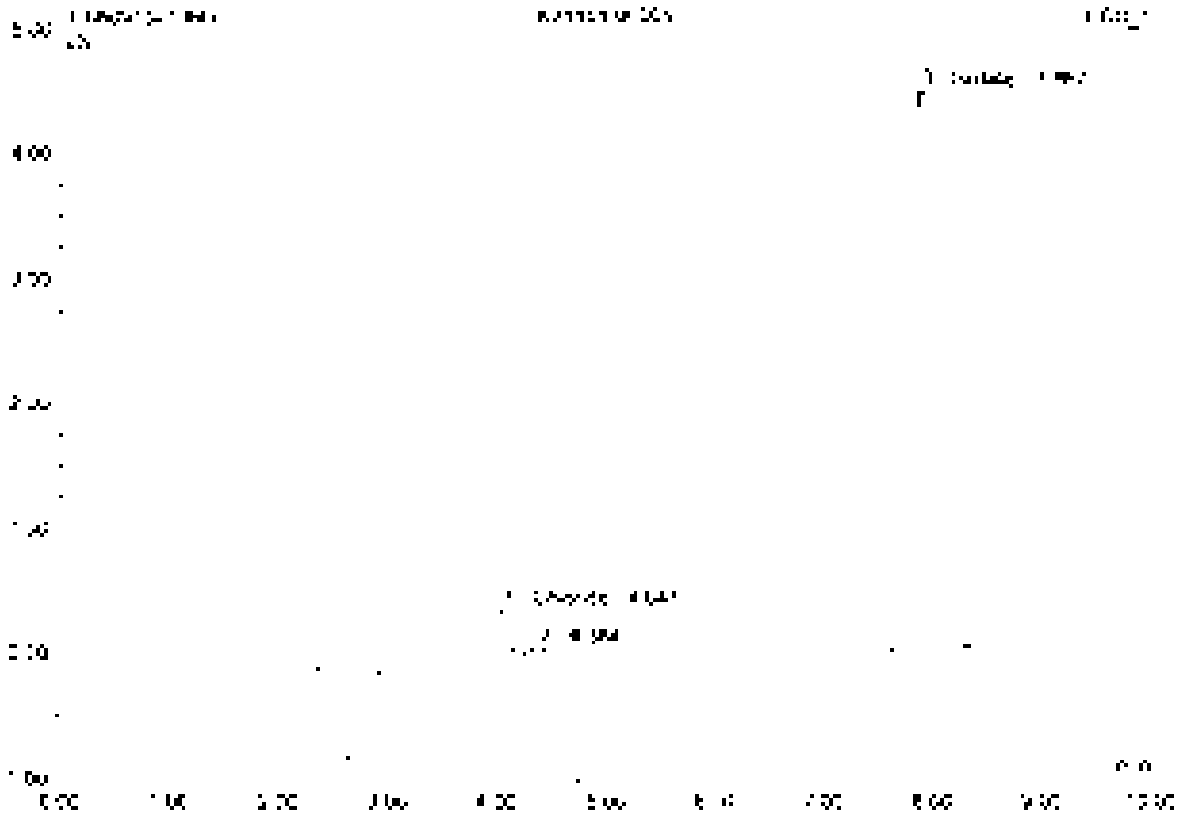
Sample Name	K2110716-014	Injection Volume	25.0
Vial Number	34	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Operator Method	apa300	Dilution Factor	2.0000
Recording Time	9/15/2021 18:45	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.04	Chloride	2.738	0.256	30.76	2.800	BVB
2	4.33	n.a.	0.074	0.007	0.80	n.a.	BV B
3	6.13	Nitrate	1.176	0.170	20.46	0.770	BMB
4	6.57	n.a.	0.060	0.022	2.67	n.a.	BMB
5	7.57	Sulfate	2.057	0.376	45.25	5.855	BVB
Total:			6.104	0.831	100.00	9.425	

49 K2110138-005

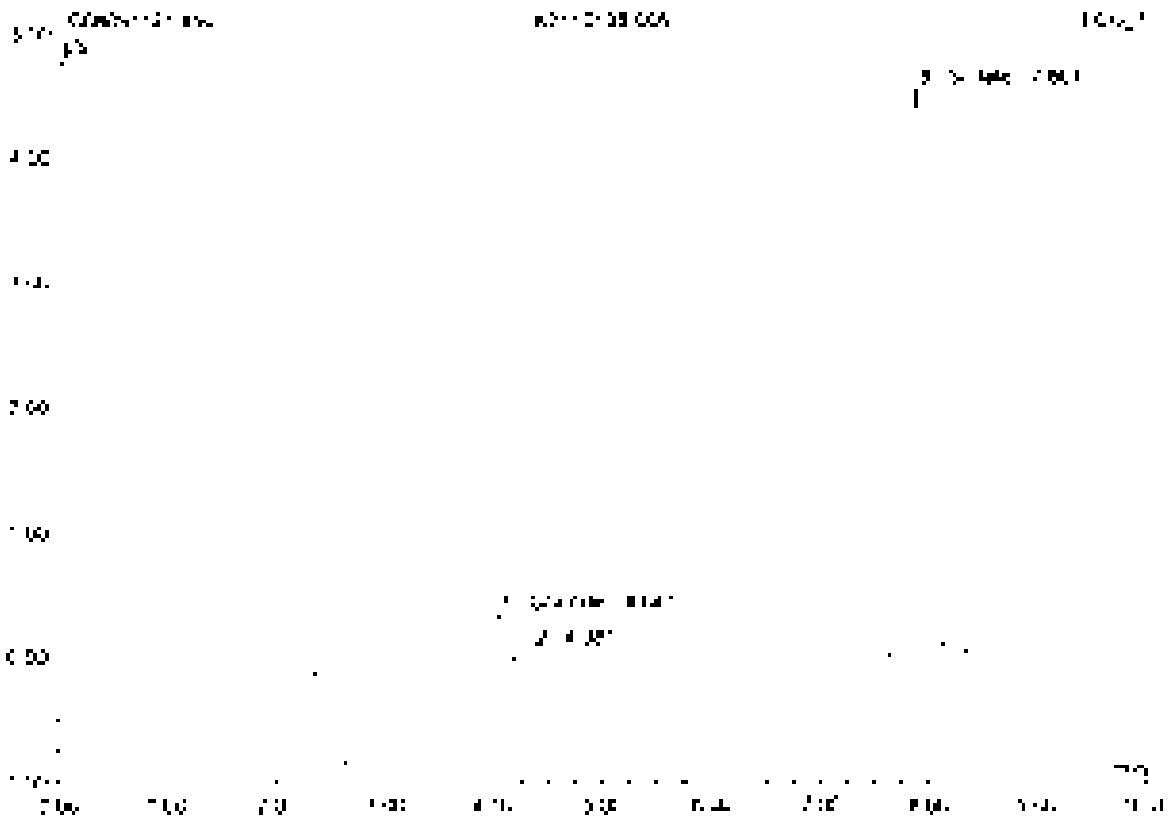
Sample Name	K2110138-005	Injection Volume	25.0
Vial Number	32	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	30.0000
Recording Time	9/13/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	0.357	0.034	3.51	3.680	BMB
2	4.38	n.a.	0.051	0.005	0.50	n.a.	bMB
3	[illegible]	Sulfate	4.484	0.944	95.99	131.383	BMB
Total:			4.892	0.983	100.00	135.063	

50 K2110138-006

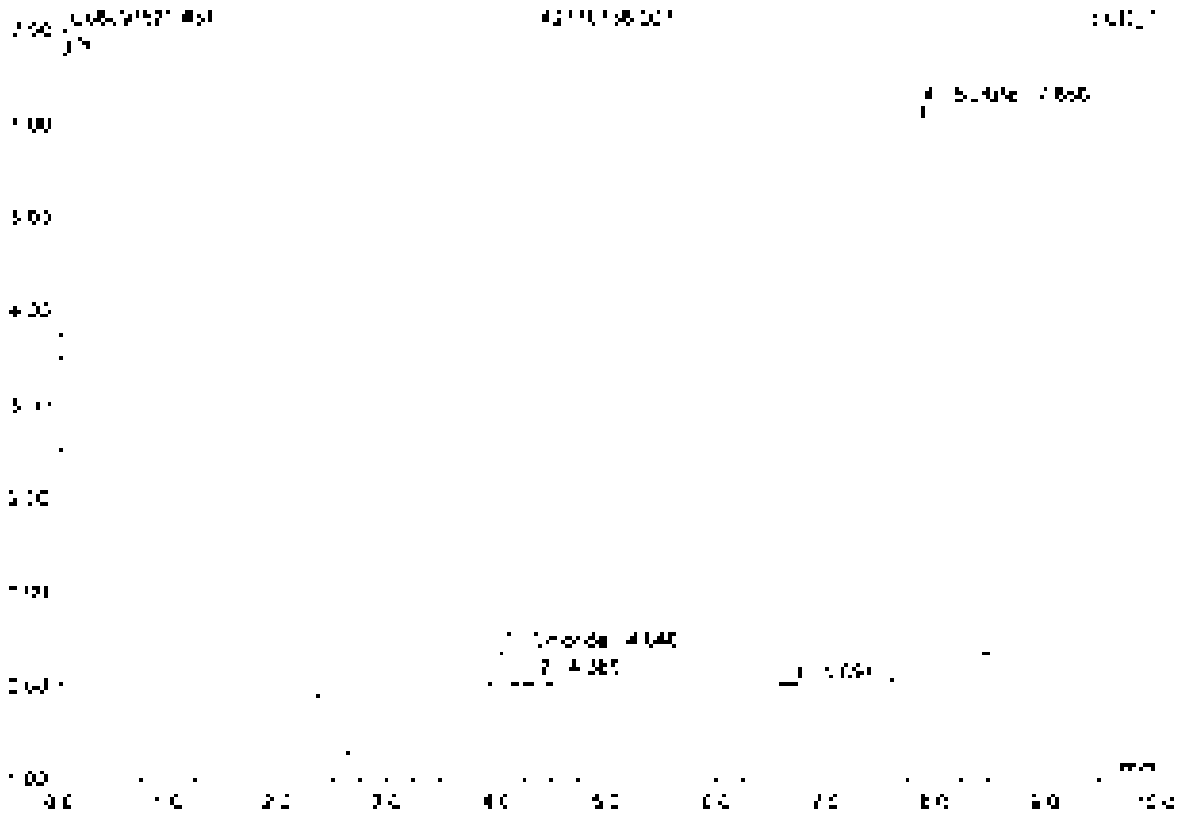
Sample Name	K2110138-006	Injection Volume	25.0
Vial Number	33	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	20.0000
Processing Time	5/13/2021 20:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.08	Chloride	0.369	0.015	3.64	1.803	BV0
2	4.38	[illegible]	0.081	0.009	2.26	n.a.	BM0
3	[illegible]	Sulfate	4.545	0.859	95.16	133.731	BV0
Total:			4.995	0.902	100.00	137.534	

51 K2110138-007

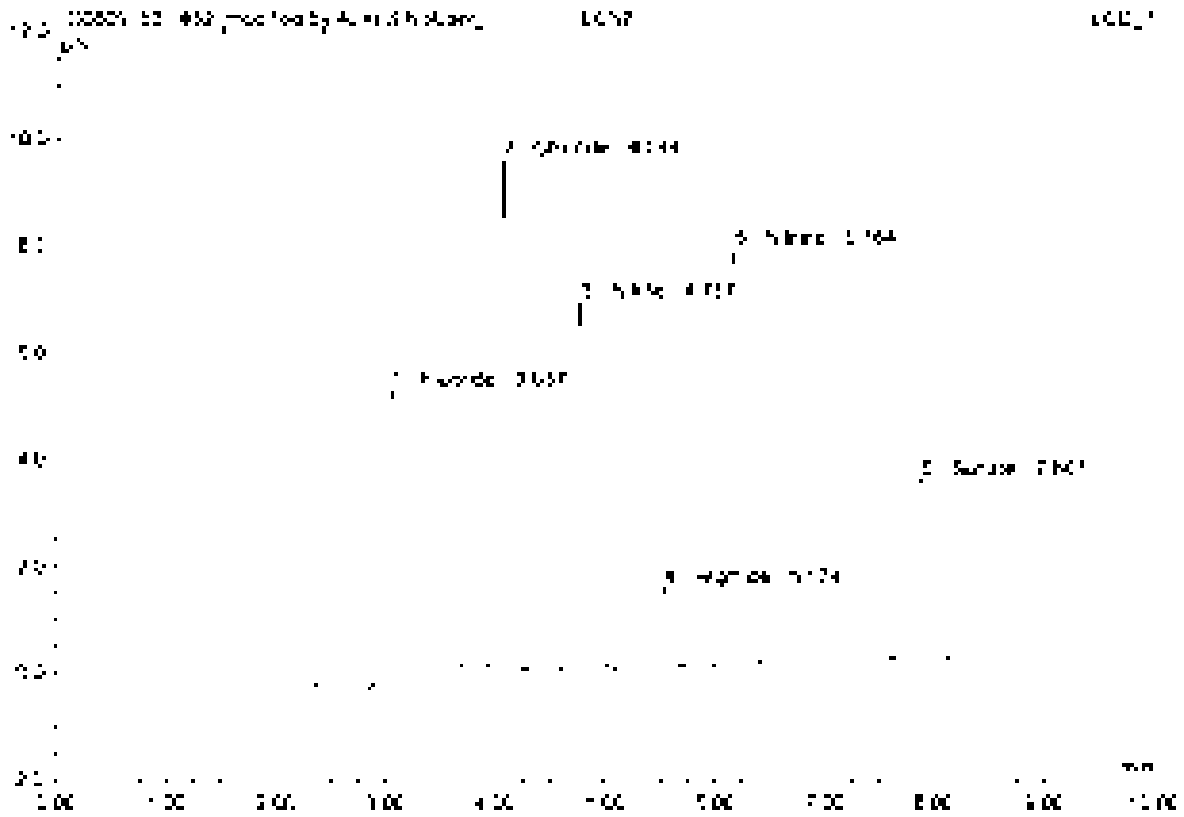
Sample Name	K2110138-007	Injection Volume	25.0
Vial Number	34	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	30.0000
Recording Time	9/15/2021 20:20	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µV	Area µV*min	Rel.Area %	Amount	Type
1	4.34	Chloride	0.357	0.034	2.70	3.746	BMB
2	4.38	n.a.	0.067	0.007	0.56	n.a.	BMR
3	6.70	n.a.	0.026	0.006	0.49	n.a.	BVB
4	7.86	Sulfate	5.066	1.275	96.25	159.715	BVB
Total:			5.519	1.268	100.00	163.462	

52 LCS2

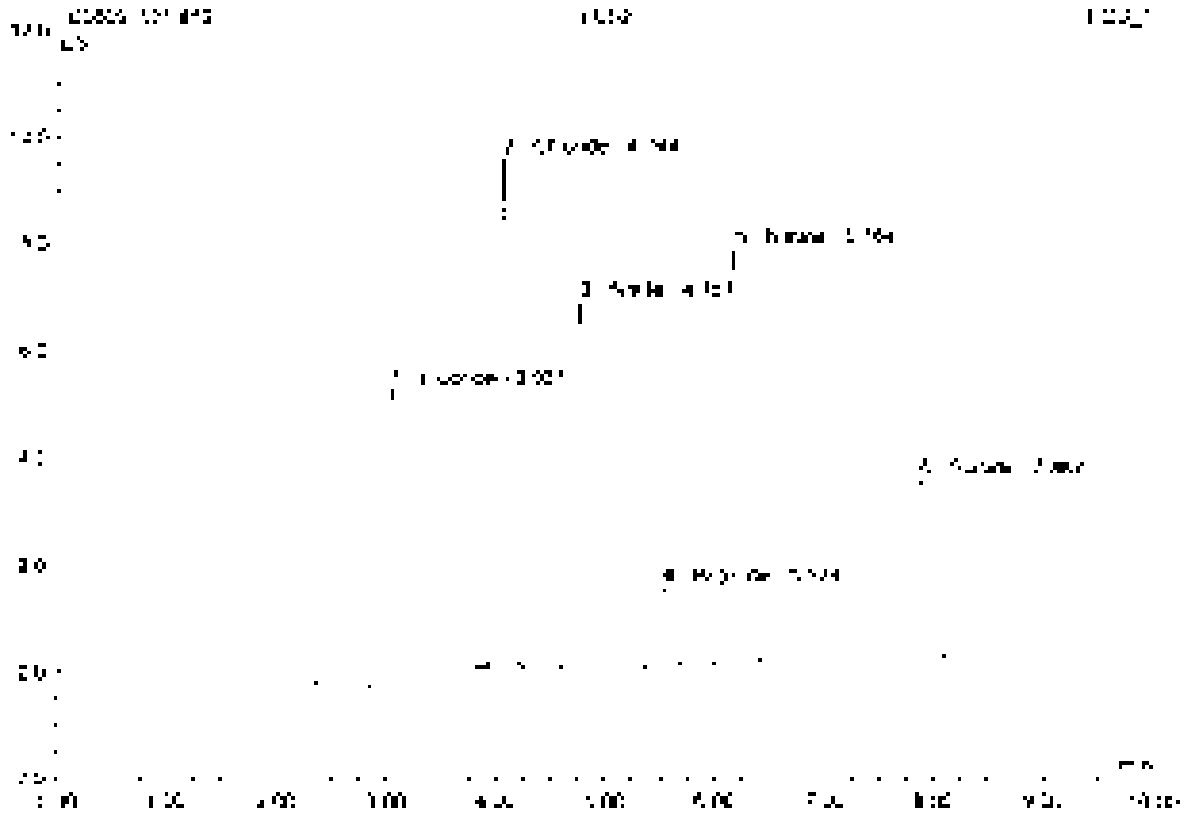
Sample Name	LCS2	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 20:32	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.34	Fluoride	5.479	1.167	24.51	5.262	BMB*
2	4.34	Chloride	8.550	0.972	17.99	4.774	BMB*
3	4.76	Nitrite	6.587	0.537	11.31	2.483	BMB
4	5.52	Bromide	1.100	0.183	3.78	2.482	BMB
5	6.16	Nitrate	7.785	1.070	22.10	2.477	BMB
6	7.57	Sulfate	3.369	0.645	13.31	5.020	BMB
Total:			34.370	4.844	100.00	22.463	

52 LCS2

Sample Name	LCS2	Injection Volume	35.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n/a
Control Program	epa300	Bandwidth	n/a
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 10:32	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	5515	1.271	25.79	5.634	BMB
2	4.04	Chloride	9550	0.872	17.69	4.774	BMB
3	5.38	Nitrite	6887	0.557	11.30	3.483	BMB
4	5.52	Bromide	1500	0.183	3.72	2.487	BMB
5	6.10	Nitrate	7785	1.070	21.72	2.422	BMB
6	7.87	Sulfate	7369	0.845	17.14	5.520	BMB
Total:			34.607	4.928	100.00	22.635	

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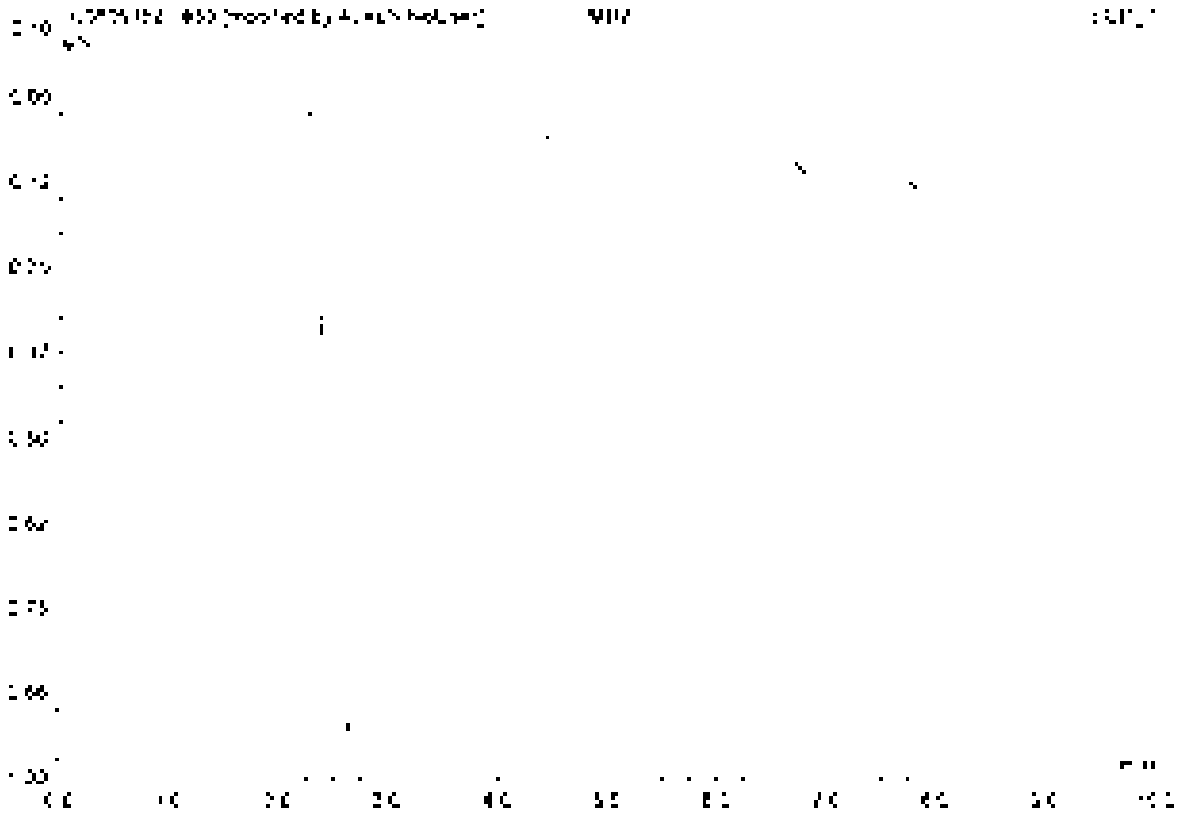
53 MB2

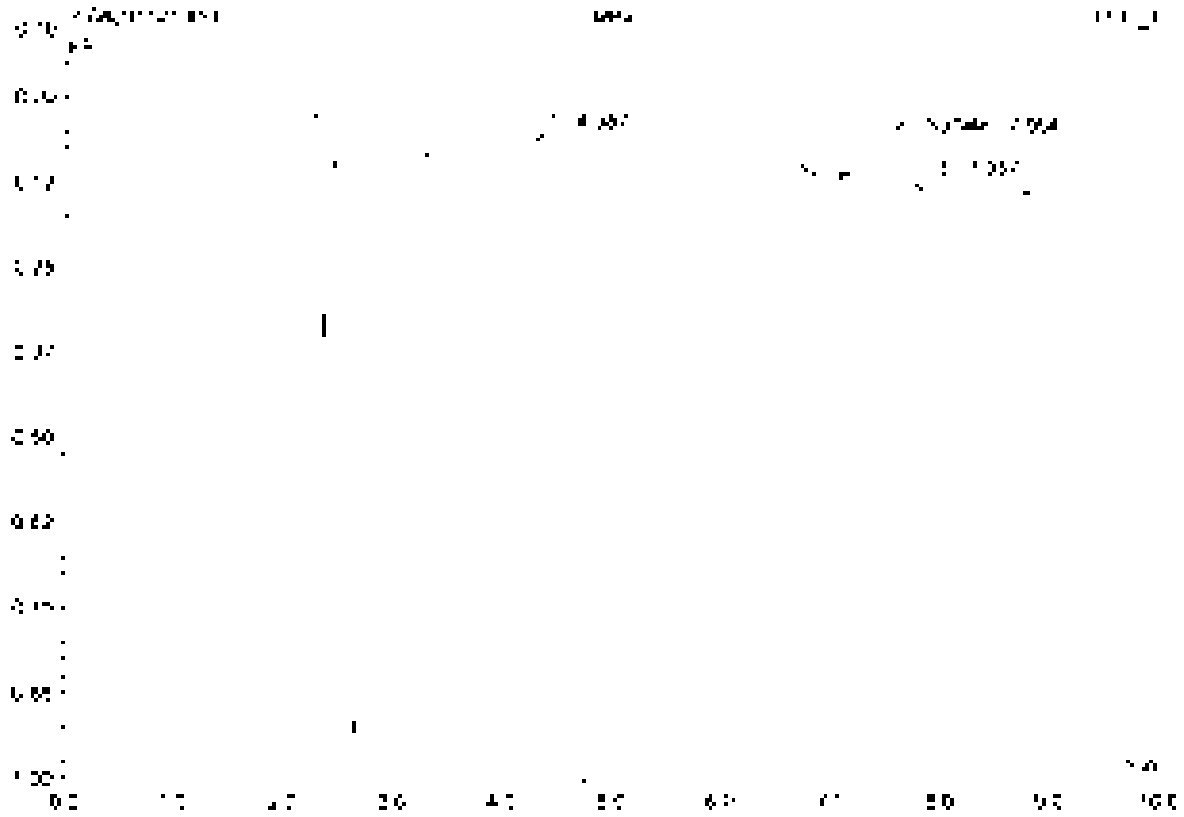
Sample Name	MB2	Injection Volume	25.0
Vial Number	1	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 20:43	Sample Weight	1.0000
Run Time (min)	15.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

53 MB2

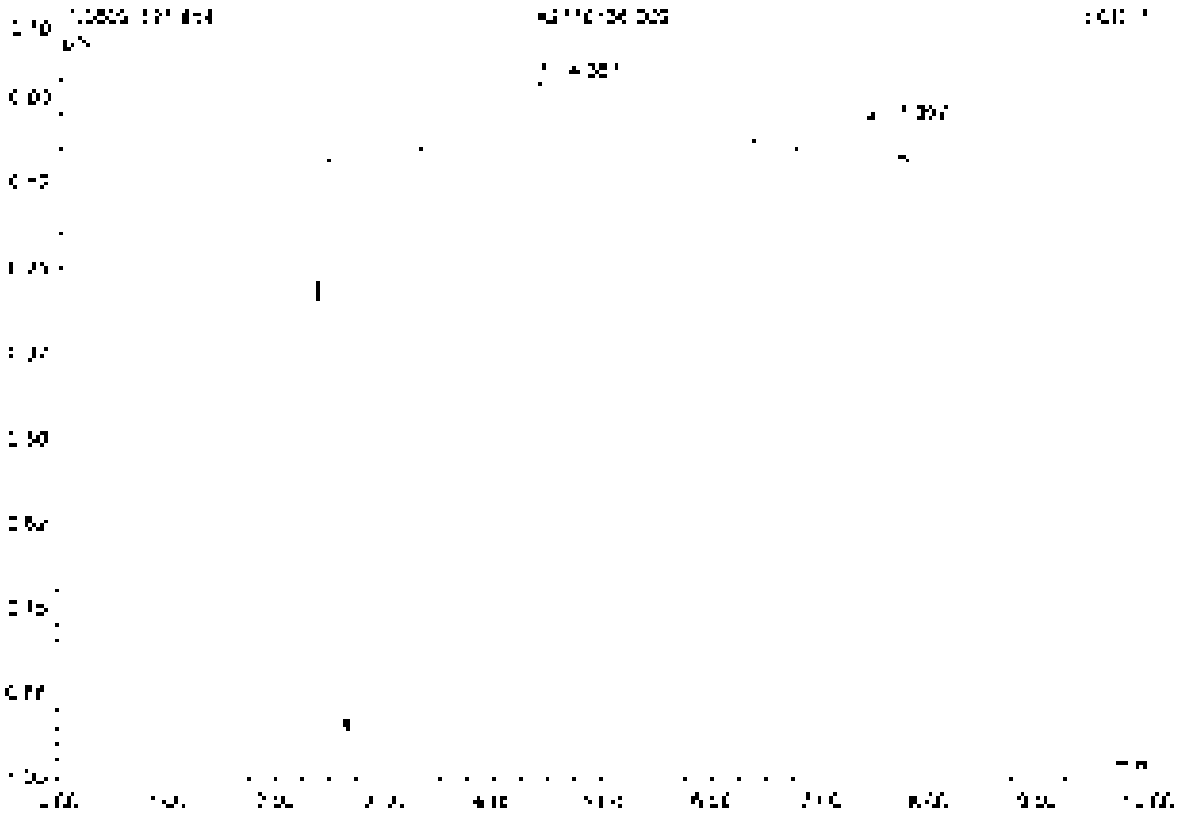
Sample Name	MB2	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 20:43	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.35	n.a.	0.500	1.210	98.57	n.a.	BMB
2	7.56	Sulfate	0.070	0.018	1.45	0.141	BVB
3	7.96	n.a.	0.015	0.008	0.44	n.a.	BMB
Total:			0.645	1.842	100.00	0.141	

54 K2110138-009

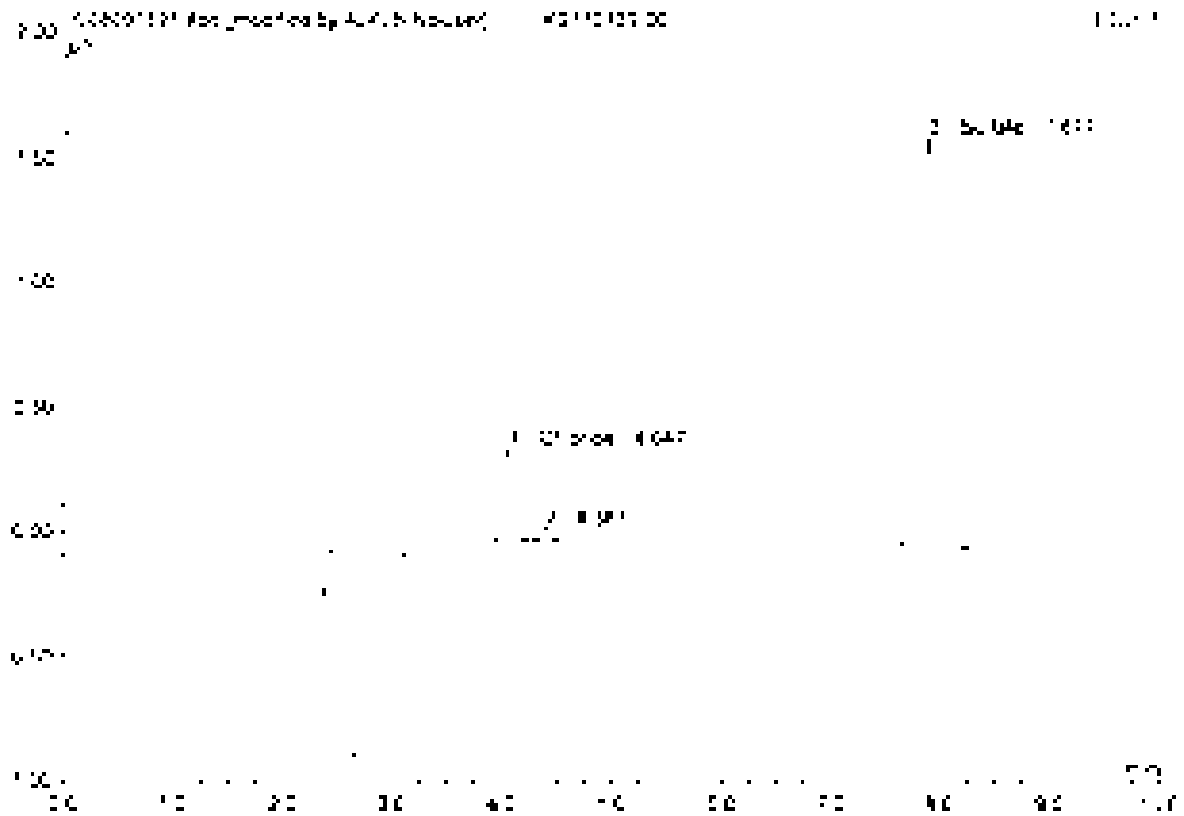
Sample Name	K2110138-009	Injection Volume	25.0
Vial Number	35	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	20.0000
Processing Time	9/15/2021 20:55	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.36	n.a.	0.515	1.496	98.94	n.a.	BMB
2	7.40	n.a.	0.006	0.016	1.06	n.a.	BMB
Total:			0.520	1.512	100.00	0.000	

55 K2110139-001

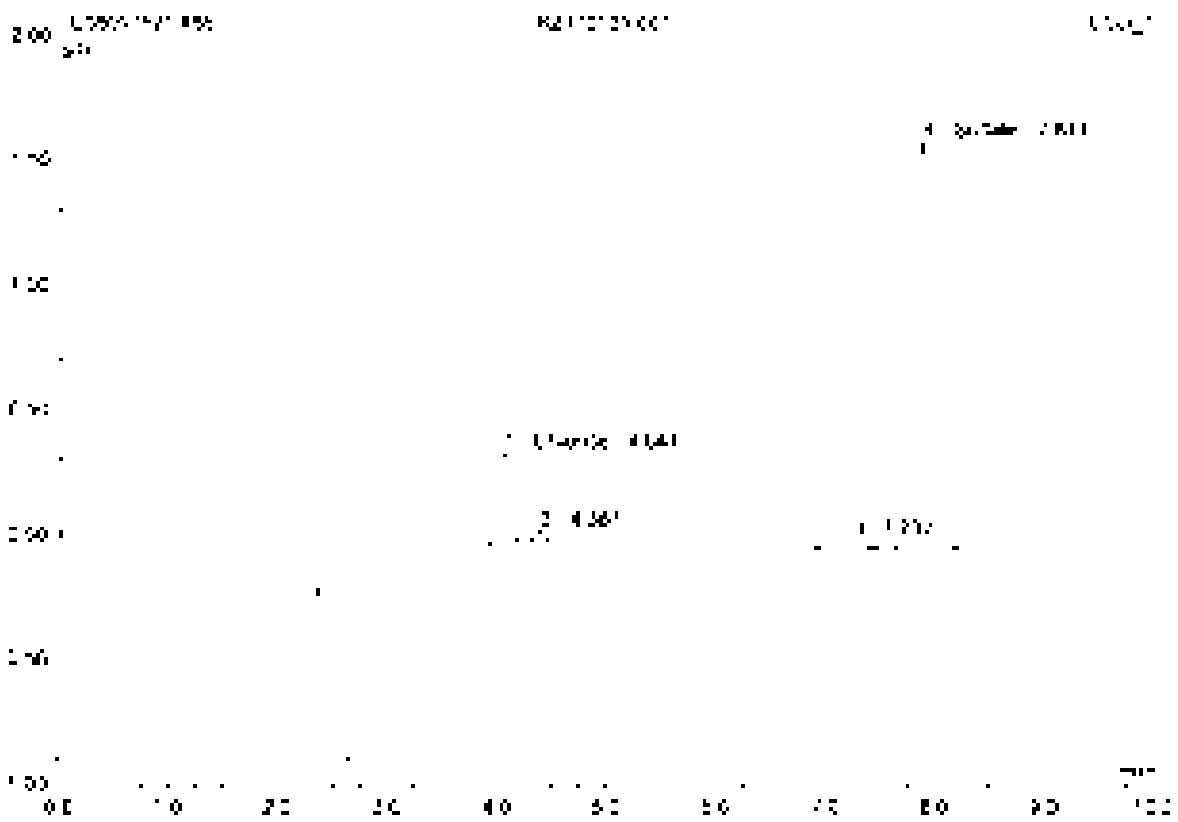
Sample Name	K2110139-001	Injection Volume	25.0
Vial Number	34	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	20.0000
Recording Time	9/15/2021 21:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.067	0.025	10.18	3.879	BMB*
2	4.39	F-A	0.048	0.006	1.47	n.a.	bMU
3	7.38	Sulfate	1.635	0.304	88.35	47.307	BMB*
Total			2.051	0.344	100.00	51.216	

55 K2110139-001

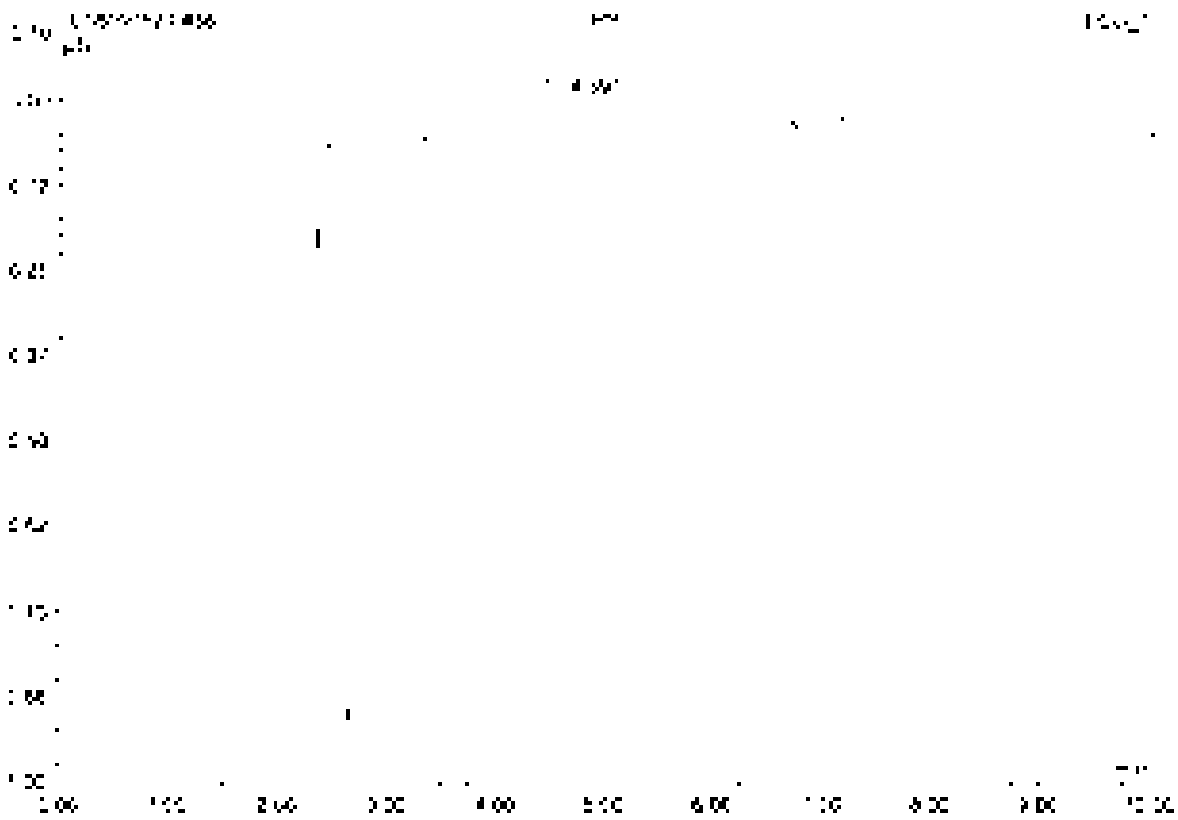
Sample Name	K2110139-001	Injection Volume	25.0
Vial Number	38	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	9/15/2021 21:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.367	0.035	5.86	3.339	BMB
2	4.33	n.a.	0.048	0.004	1.43	n.a.	BMB
3	7.24	n.a.	0.046	0.001	0.11	n.a.	BMB
4	7.82	Sulfate	1.635	0.304	86.60	47.077	BMB
Total:			2.085	0.355	100.00	50.416	

56 RB

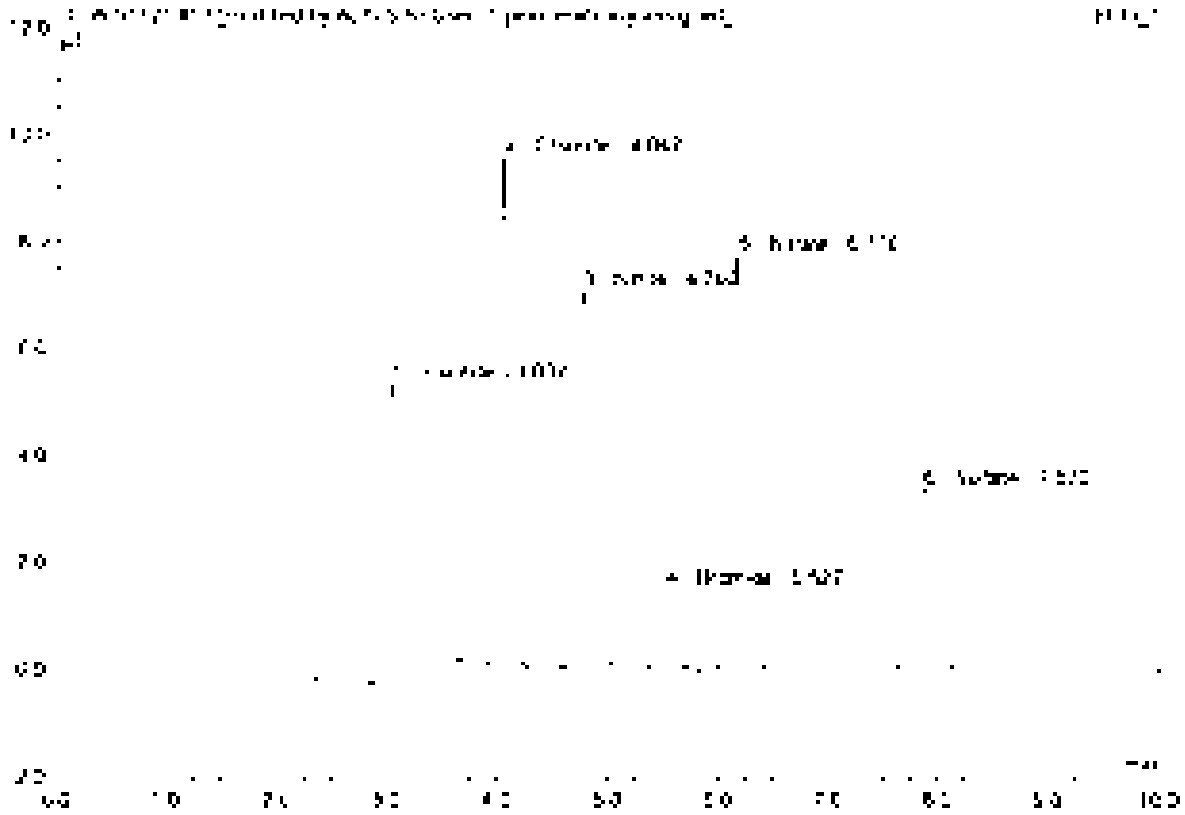
Sample Name	RB	Injection Volume	25.0
Vial Number	50	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Data File Method	epa300	Dilution Factor	1.0000
Recording Time	9/16/2021 21:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.39	n.a.	3.713	3.593	100.00	n.a.	BMB
Total:			3.713	3.593	100.00	0.000	

57 CCV5

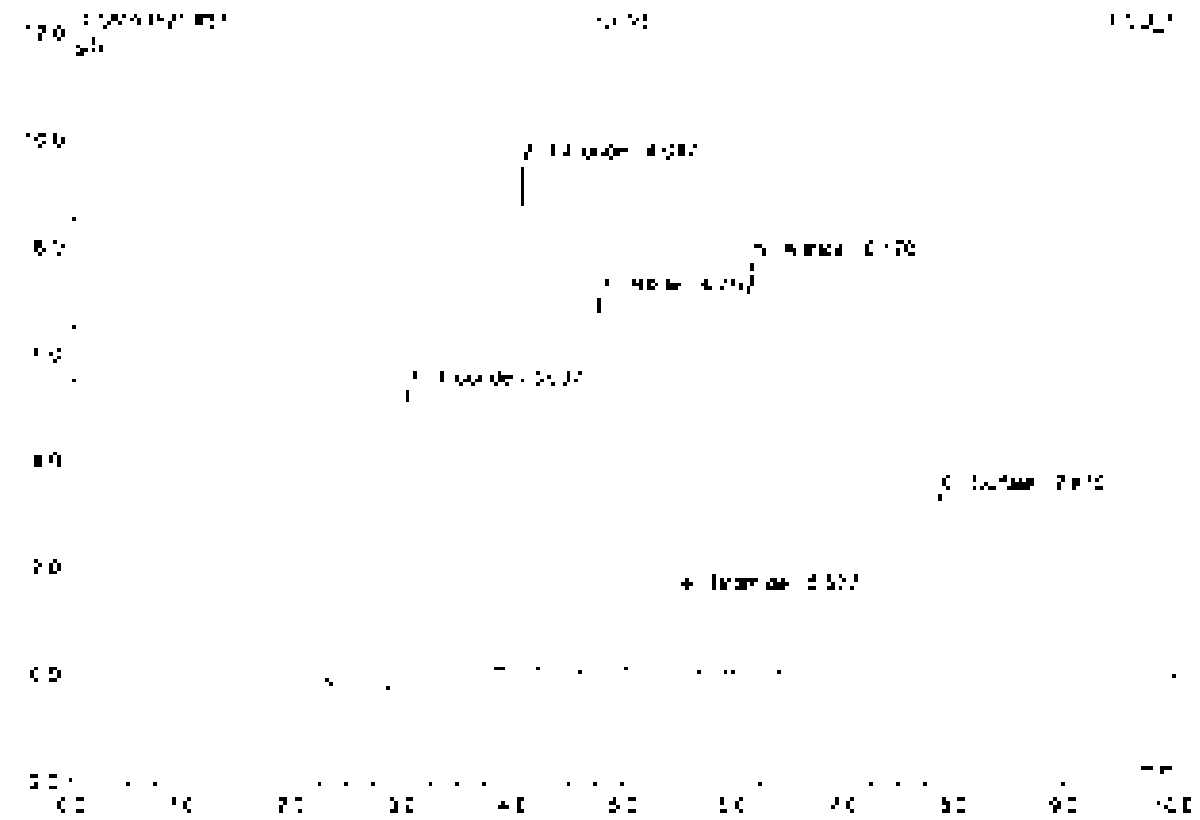
Sample Name	CCV5	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	8/19/2021 23:30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.04	Fluoride	5.520	1.188	24.46	5.282	BV*T
2	4.05	Chloride	9.497	0.868	17.90	4.755	BMB*
3	4.76	Nitrite	7.045	0.509	18.70	2.544	BMB
4	5.53	Bromide	1.478	0.181	3.70	2.457	BMB
5	6.17	Nitrate	7.735	1.068	22.03	2.417	BMB
6	7.87	Sulfate	3.392	0.636	13.12	6.254	BMB*
Total			34.667	4.850	100.00	22.404	

57 CCV5

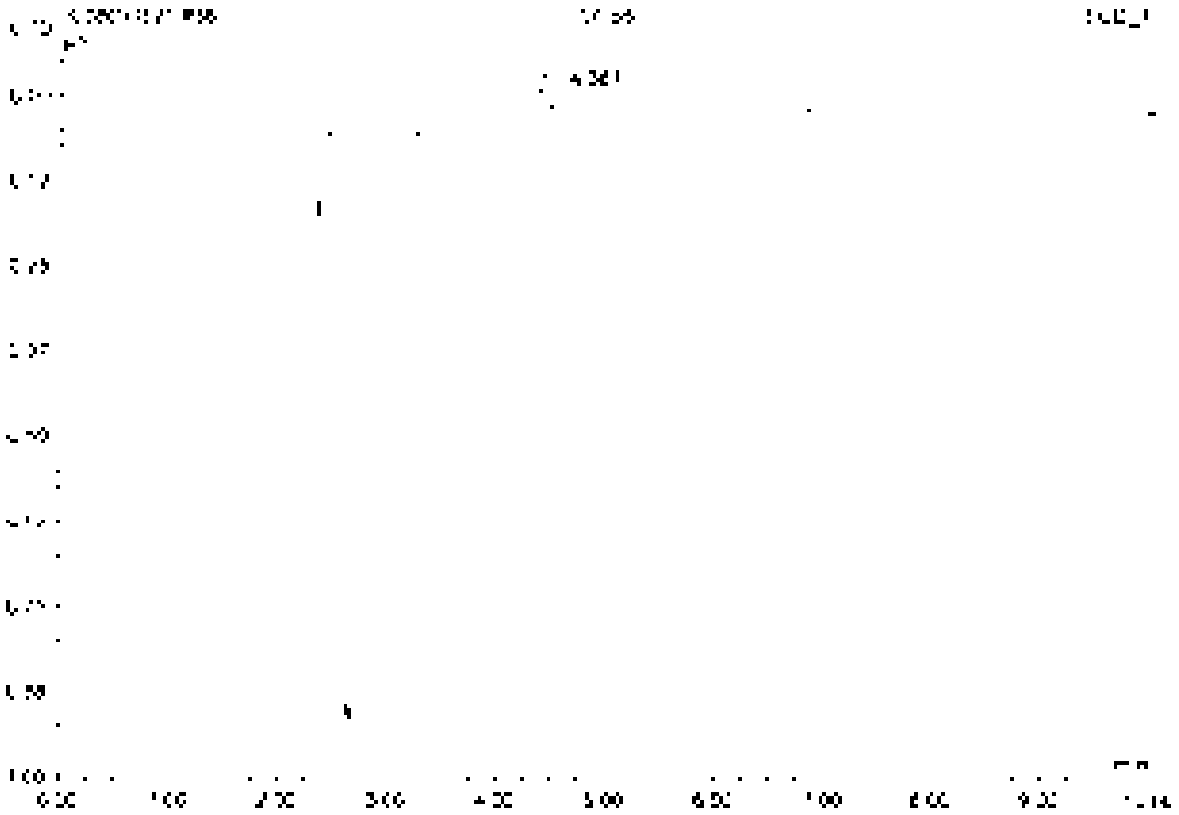
Sample Name	CCV5	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Column Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	8/15/2021 21:30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.34	Fluoride	5.573	1.286	26.00	5.722	BMB
2	4.05	Chloride	9.457	0.868	17.54	4.755	BMB
3	4.76	Nitrite	7.645	0.909	18.38	2.544	BMB
4	5.50	Bromide	1.478	0.181	3.65	2.451	BMB
5	6.17	Nitrate	7.735	1.068	21.59	2.617	BMB
6	7.27	Sulfate	2.387	0.636	12.86	4.954	BMB
Total:			34.712	4.943	100.00	22.843	

58 CCB5

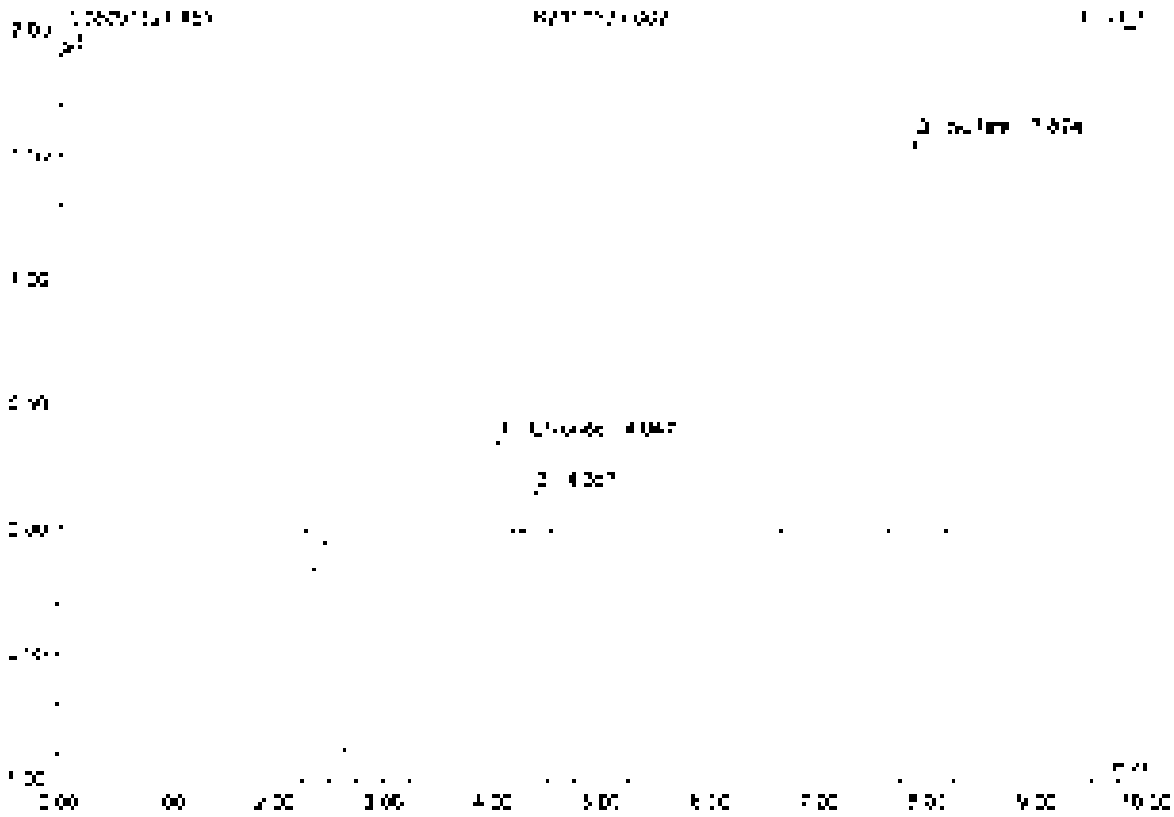
Sample Name	CCB5	Injection Volume	25.0
Vial Number	47	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/16/2021 21:42	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.39	[illegible]	0.7[illegible]3	3.149	[illegible]00.00	[illegible]	BMB
Total:			0.7[illegible]3	3.149	[illegible]00.00	0.000	

59 K2110139-002

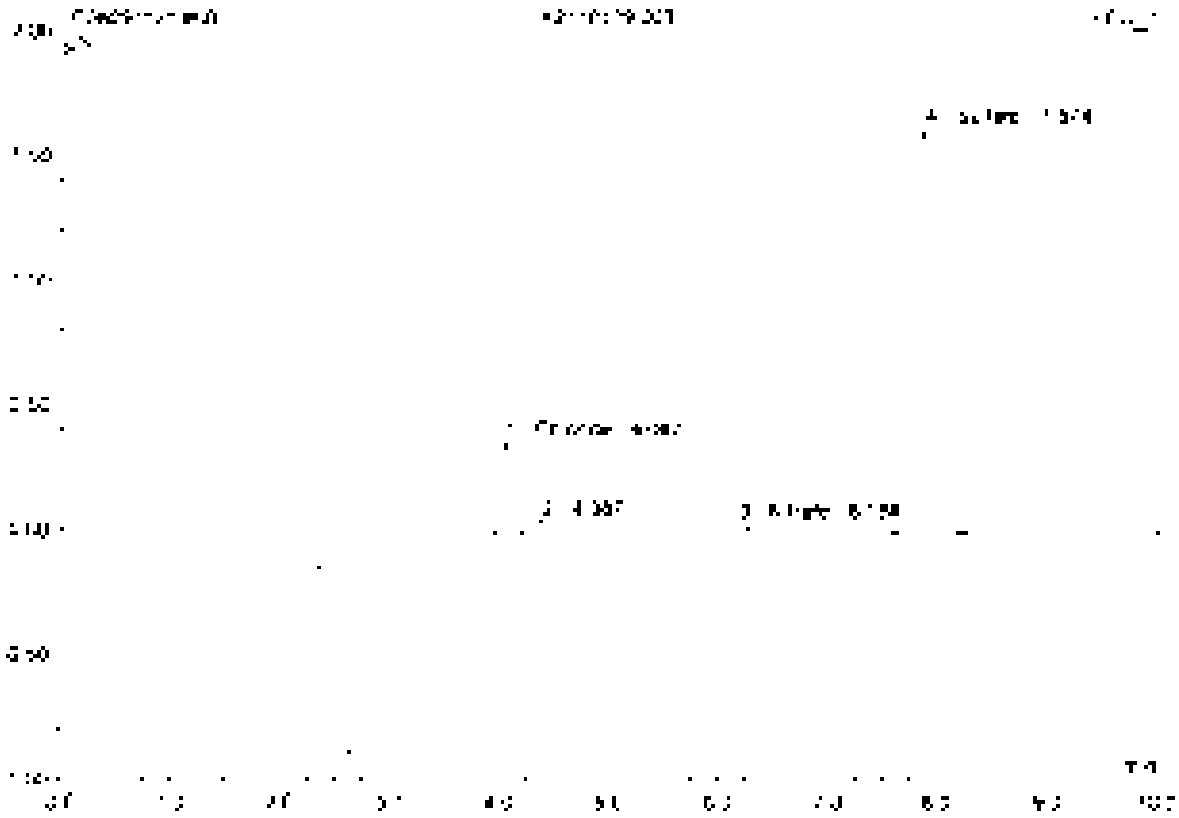
Sample Name	K2110139-002	Injection Volume	25.0
Vial Number	37	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Data Method	apa300	Dilution Factor	20.0000
Recording Time	9/15/2021 21:54	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.08	Chloride	0.375	0.035	10.18	3.552	BMB
2	4.35	n.a.	0.155	0.018	5.06	n.a.	dMB
3	7.37	Sulfate	1.505	0.295	84.76	46.153	BMB
Total:			2.127	0.348	100.00	50.065	

60 K2110139-003

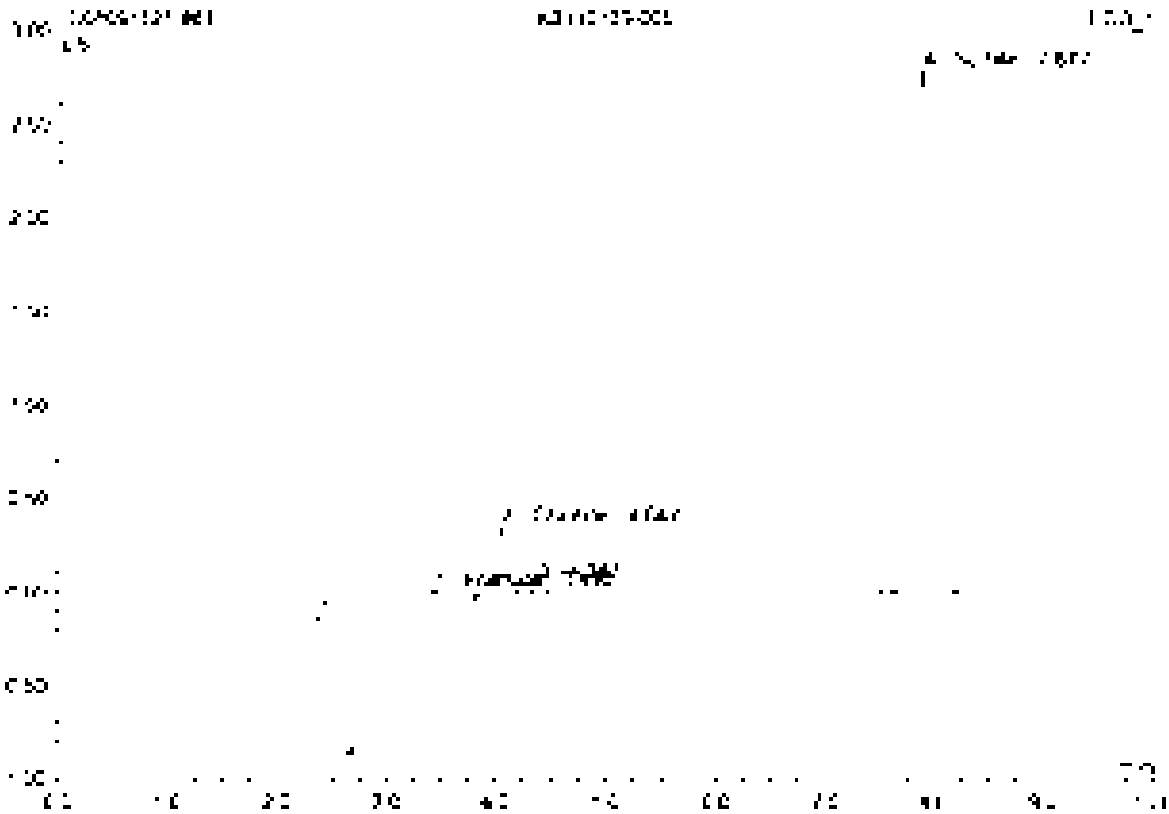
Sample Name	K2110139-003	Injection Volume	25.0
Vial Number	38	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	20.0000
Recording Time	6/15/2021 22:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.371	0.035	10.08	2.850	BMb
2	4.39	n.a.	0.049	0.005	1.40	n.a.	BVB
3	6.15	Nitrate	0.032	0.005	1.46	0.262	BV B
4	7.87	Sulfate	1.624	0.301	87.04	47.236	BVA
Total:			2.082	0.346	100.00	51.314	

61 K2110139-005

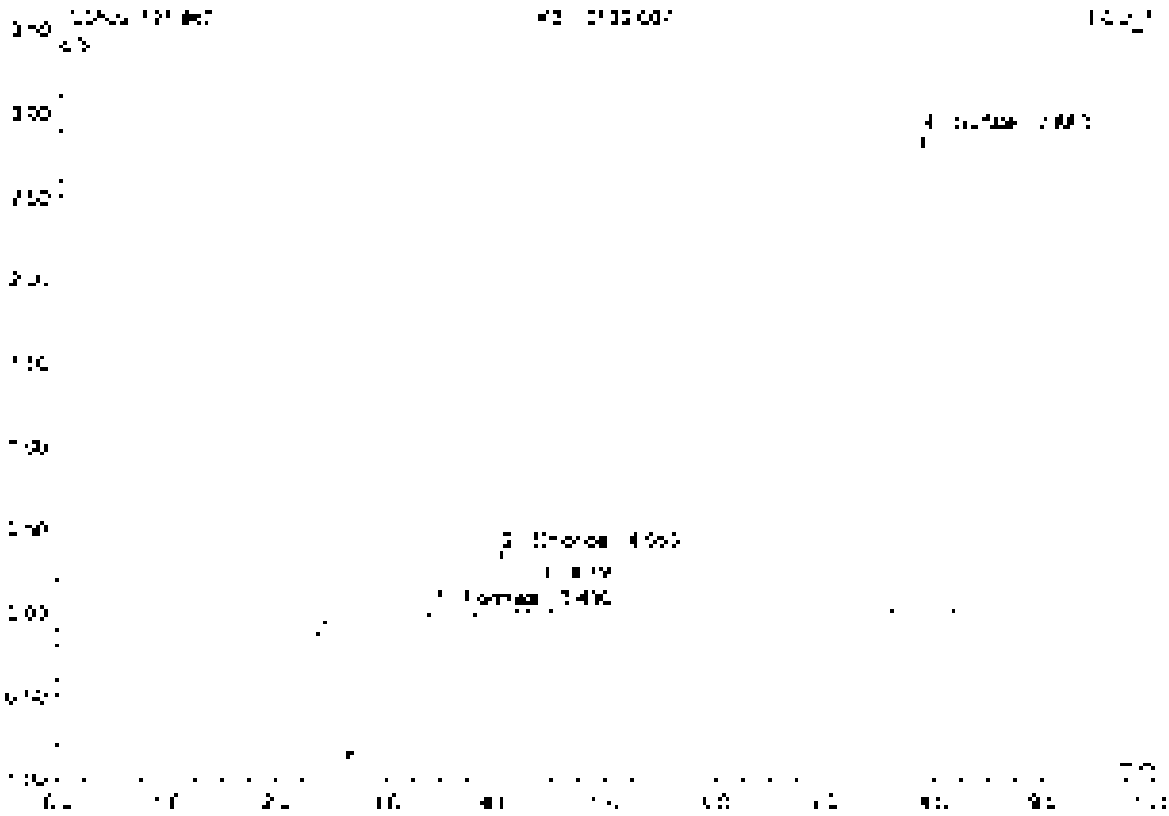
Sample Name	K2110139-005	Injection Volume	25.0
Vial Number	38	Channel	CD0 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Calibrat. Factor	20.0000
Recovery Time	9/15/2021 22:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.40	Formate	0.177	0.355	38.66	n.a.	BMB
2	4.05	Chloride	0.364	0.016	3.75	0.799	BV B
3	4.35	n.a.	0.062	0.007	0.71	n.a.	BV B
4	7.88	Sulfate	2.801	0.522	56.88	31.254	BMB
Total:			3.507	0.918	100.00	32.054	

62 K2110139-007

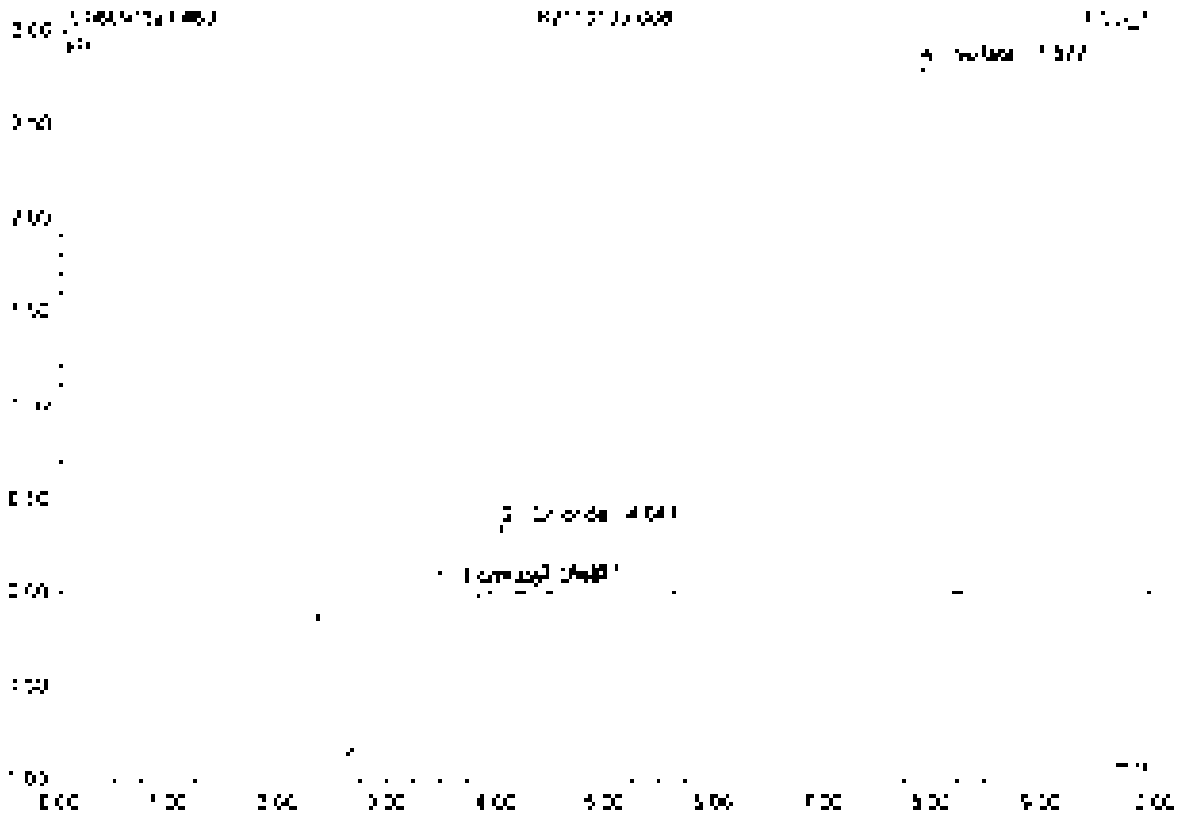
Sample Name	K2110139-007	Injection Volume	25.0
Vial Number	40	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	20.0000
Recording Time	9/15/2021 22:29	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.43	Formate	0.3[illegible]0	0.344	35.74	n.a.	BMB
2	4.35	Chloride	0.176	0.048	5.00	1.949	bMB
3	4.36	n.a.	0.176	0.019	2.00	n.a.	bMB
4	7.52	Sulfate	2.883	0.538	57.41	23.723	bMB
Total:			3.751	0.937	100.00	27.672	

63 K2110139-008

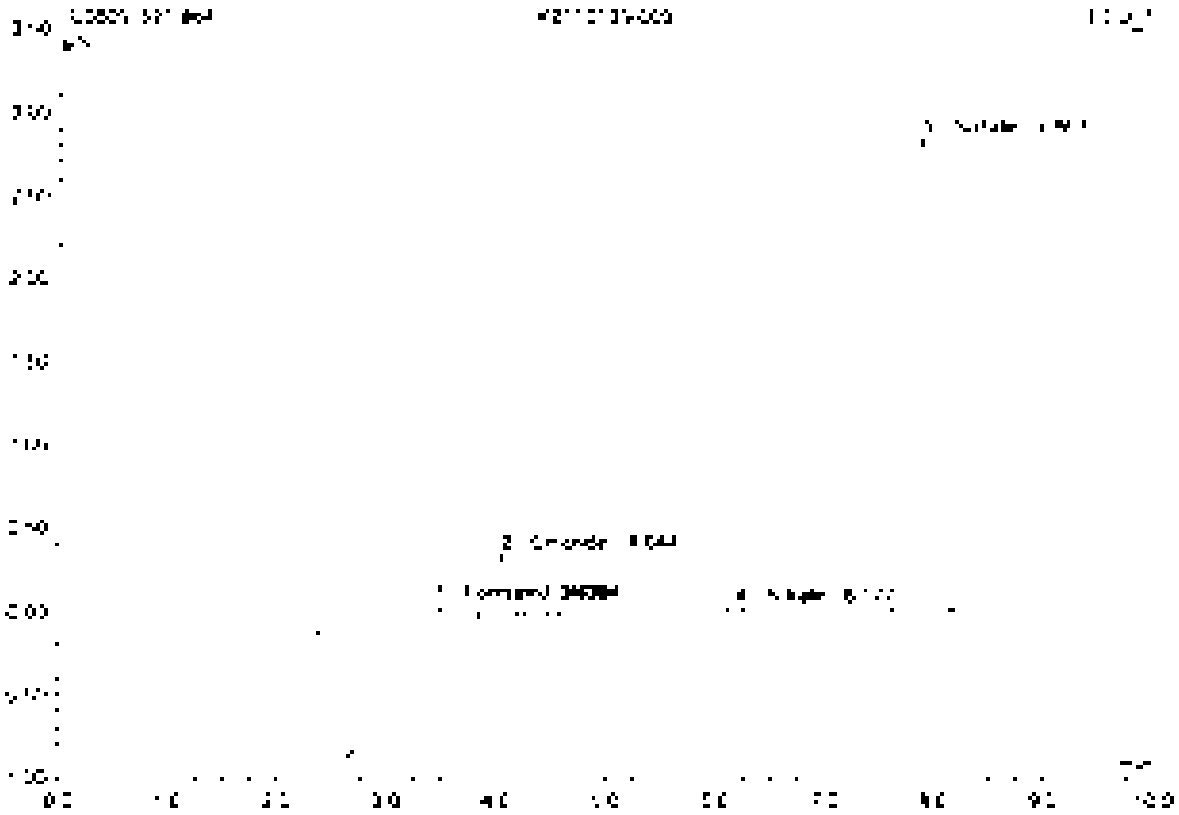
Sample Name	K2110139-008	Injection Volume	25.0
Vial Number	41	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Sampler Program	epa300	Bandwidth	n.a.
Sampler Method	epa300	Dilution Factor	20.0000
Recording Time	9/16/2021 22:41	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	3.43	Fluoride	0.342	0.359	36.50	n.a.	BVB
2	4.05	Chloride	0.365	0.035	3.71	0.736	BVB
3	4.39	n.a.	0.051	0.006	0.63	n.a.	BVB
4	7.85	Sulfate	2.815	0.524	53.16	84.633	BVB
Total:			3.575	0.934	100.00	85.400	

64 K2110138-009

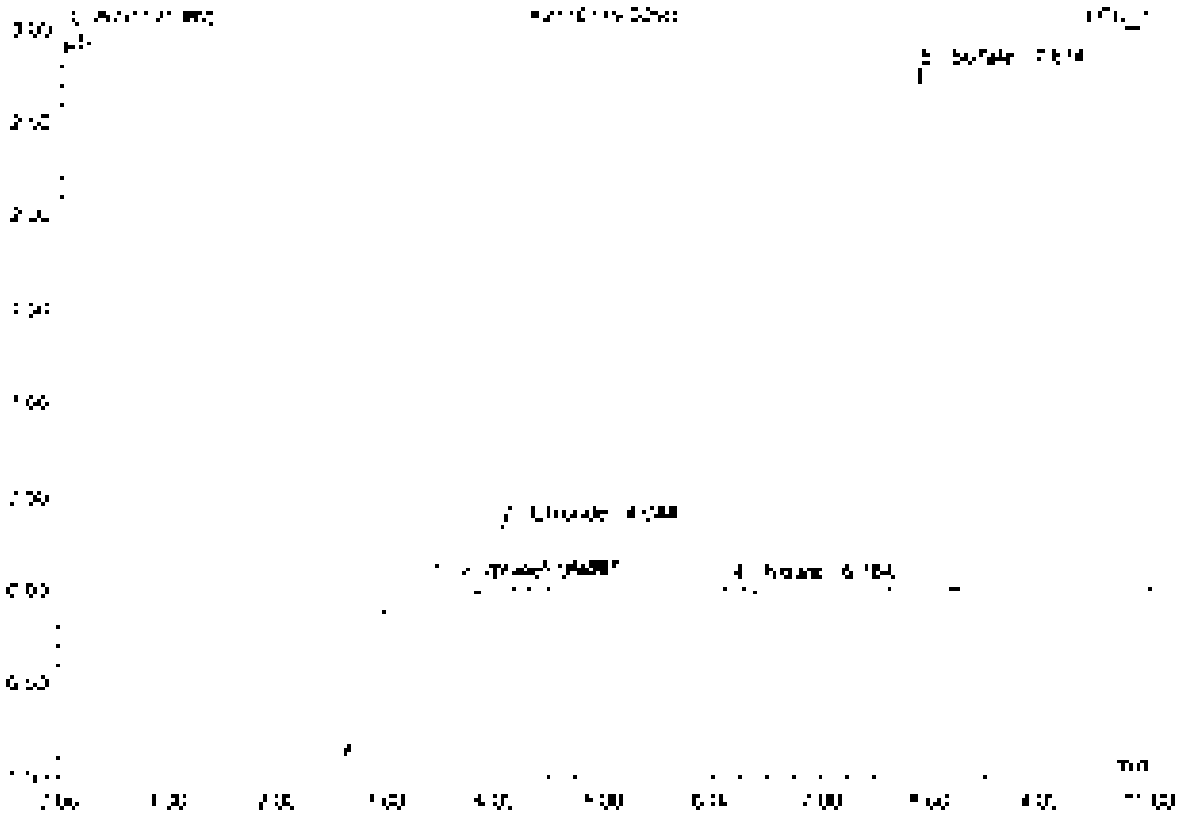
Sample Name	K2110138-009	Injection Volume	25.0
Vial Number	47	Column	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Column Temp.	30.0000
Recording Time	9/15/2021 22:53	Sample Weight	1.0000
Run Time (min)	60.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.42	Formate	0.373	0.375	39.46	n.a.	BMB
2	4.04	Chloride	0.358	0.334	35.15	3.607	BMB
3	4.38	n.a.	0.059	0.005	0.60	n.a.	BMB
4	6.78	Nitrite	0.035	0.005	0.53	0.227	BMB
5	7.27	Sulfate	2.051	0.530	55.80	82.443	BMB
Total:			3.573	0.949	100.00	86.367	

65 K2110139-009D

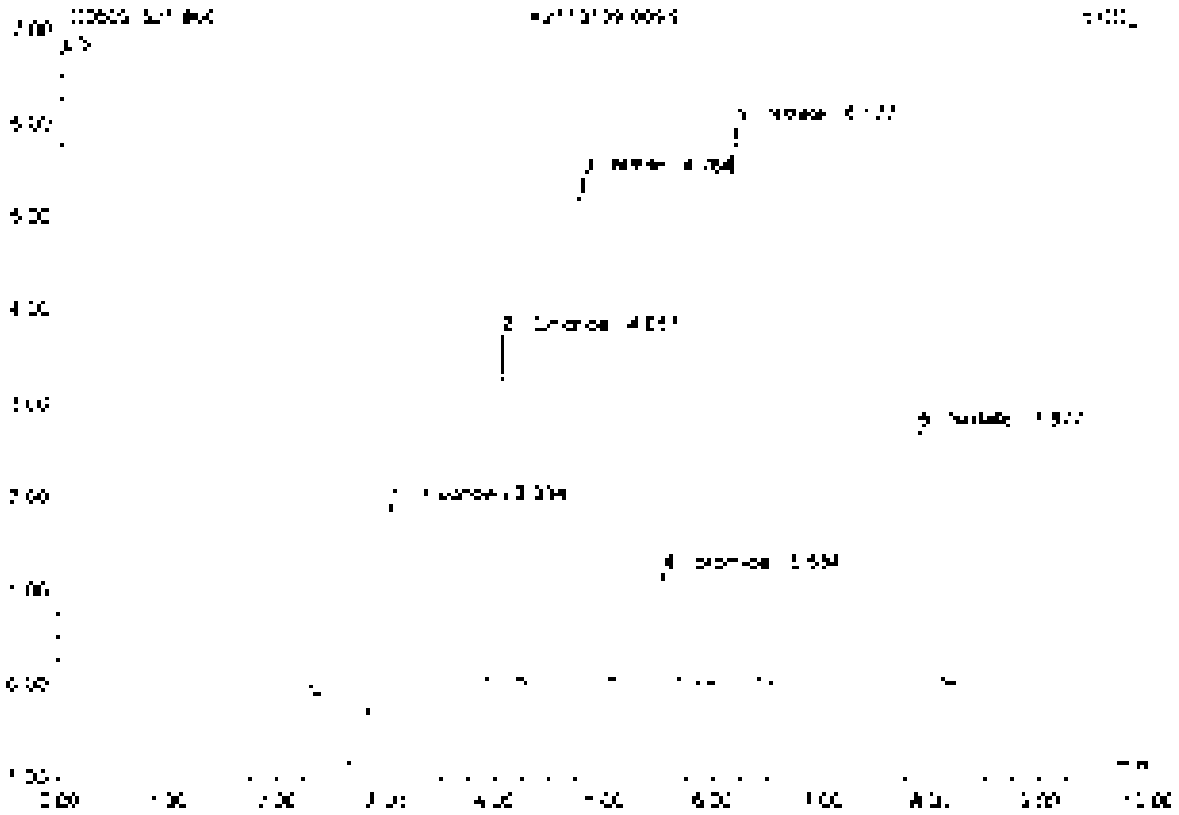
Sample Name	K2110139-009D	Injection Volume	25.0
Vial Number	43	Channel	EGD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	20.0000
Recording Time	[illegible]/2021 [illegible]:04	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Formate	[illegible]	[illegible]	[illegible]	n.a.	BMB
2	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
3	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	n.a.	unkB
4	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
5	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

66 KZ110139-009S

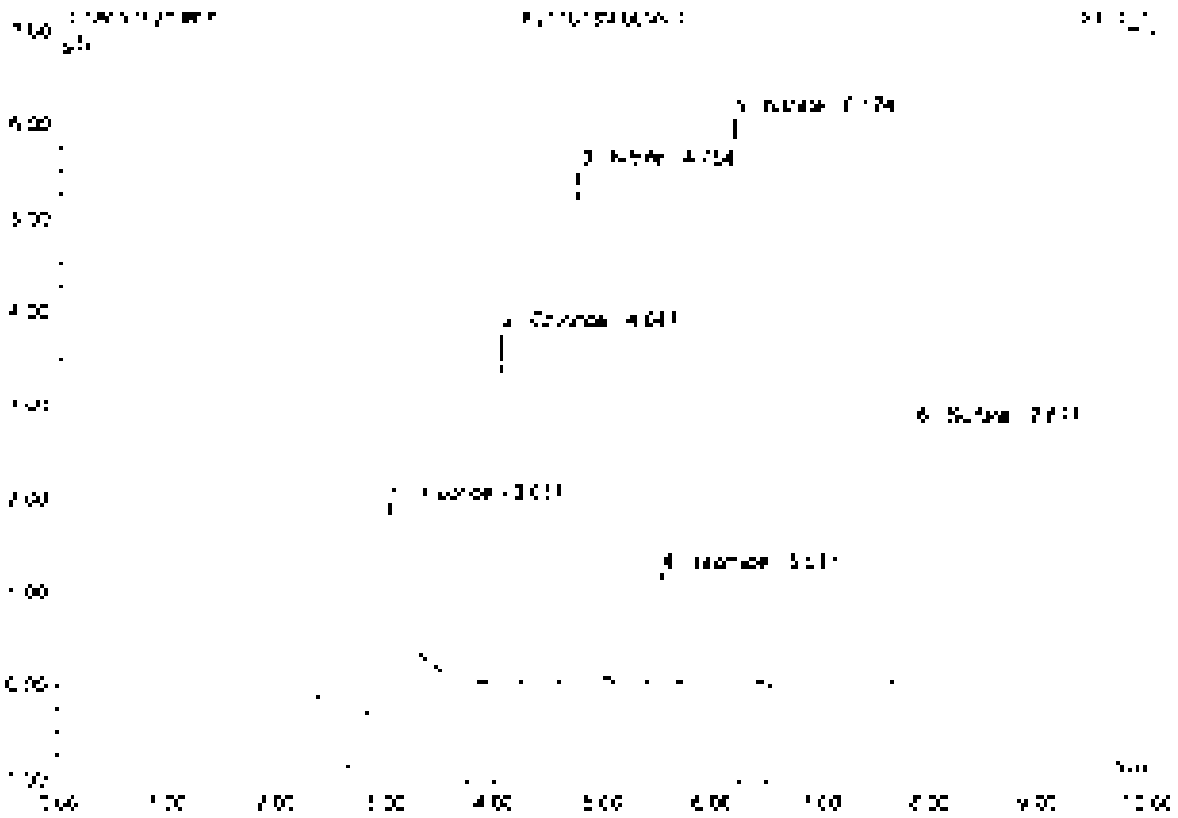
Sample Name	KZ110139-009S	Injection Volume	25.0
Vial Number	44	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	eps300	Bandwidth	n.a.
Quantif. Method	eps300	Calibrat. Factor	46.0000
Recording Time	9/15/2021 23:16	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	2.172	0.567	18.61	100.500	BMB
2	4.05	Chloride	3.659	0.342	11.13	75.124	BMB
3	4.70	Nitrite	5.382	0.694	22.53	77.737	BMB
4	5.53	Bromide	1.167	0.142	4.62	17.221	BMB
5	6.18	Nitrate	5.960	0.828	26.95	74.534	BMB
6	7.58	Sulfate	2.777	0.507	16.45	157.500	BMB
Total:			21.096	3.082	100.00	563.636	

67 K2110139-008SD

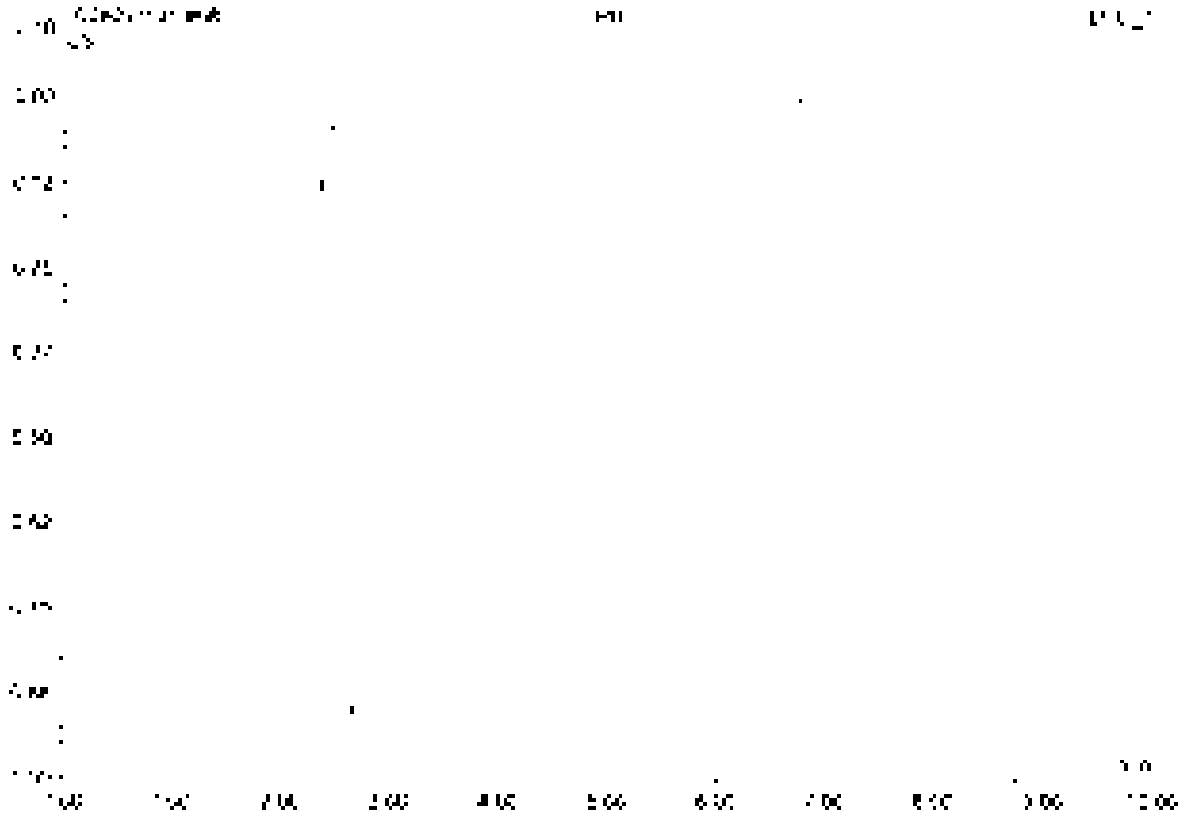
Sample Name	K2110139-008SD	Injection Volume	25.0
Vial Number	45	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	40.0000
Recording Time	9/15/2021 23:27	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.33	Fluoride	2.196	0.532	18.79	101.798	BMB
2	4.35	Chloride	3.750	0.343	11.14	76.339	BMB
3	4.75	Nitrite	5.453	0.706	22.58	79.657	BMB
4	5.53	Bromide	1.178	0.145	4.60	78.351	BMB
5	5.17	Nitrate	6.071	0.840	26.91	76.196	BMB
6	7.87	Sulfate	2.753	0.515	16.46	180.375	BMB
Total:			21.455	3.128	100.00	572.156	

58 RB

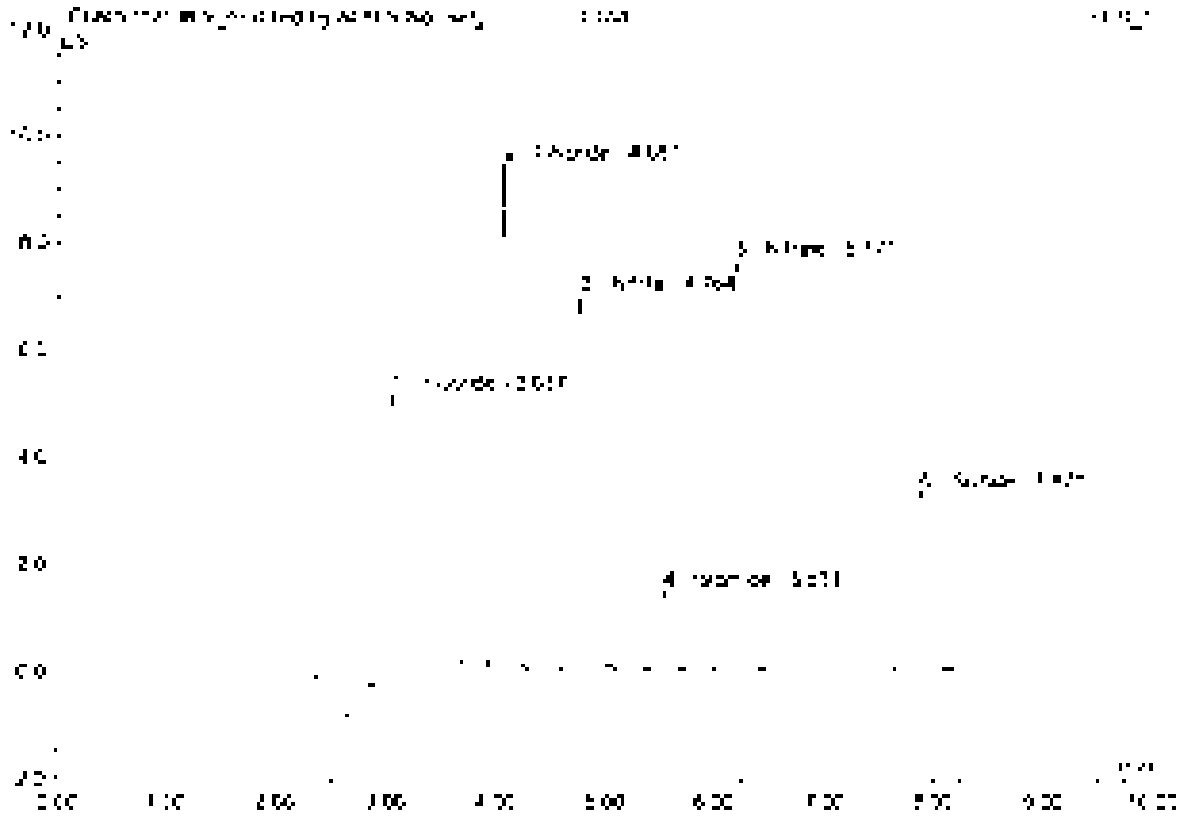
Sample Name	RB	Injection Volume	25.0
Vial Number	58	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Processing Time	[illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

69 CCV6

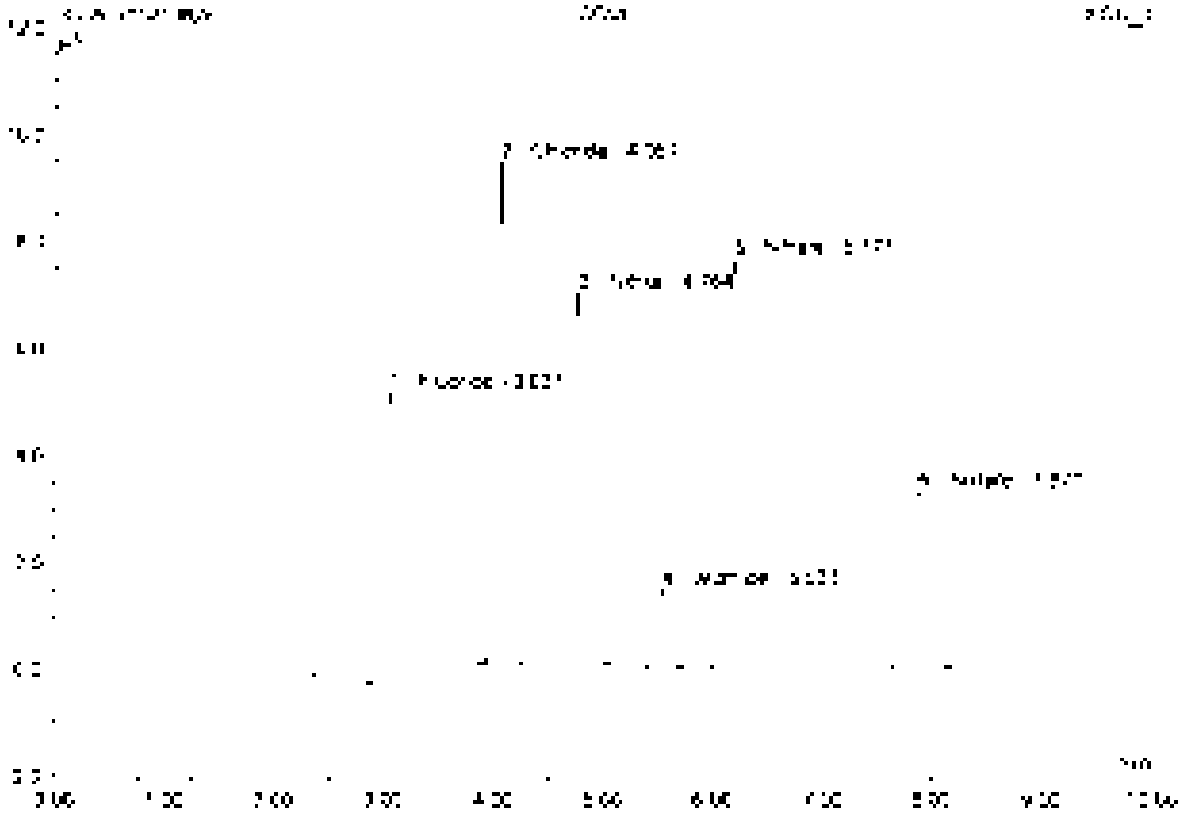
Sample Name	CCV6	Injection Volume	25.0
Vial Number	45	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	9/16/2021 23:01	Sample Weight	1.0000
Run Time (min)	40.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.34	Fluoride	5.348	1.160	24.27	5.161	BV B*
2	4.35	Chloride	9.329	0.858	17.95	4.701	BV B*
3	4.76	Nitrite	6.978	0.900	18.82	2.518	BV B
4	5.53	Bromide	1.464	0.179	3.75	2.401	BV B
5	5.17	Nitrate	7.053	1.056	22.10	2.391	BV B
6	7.37	Sulfate	3.334	0.625	13.10	4.877	BV B
Total:			34.467	4.781	100.00	22.081	

69 CCV6

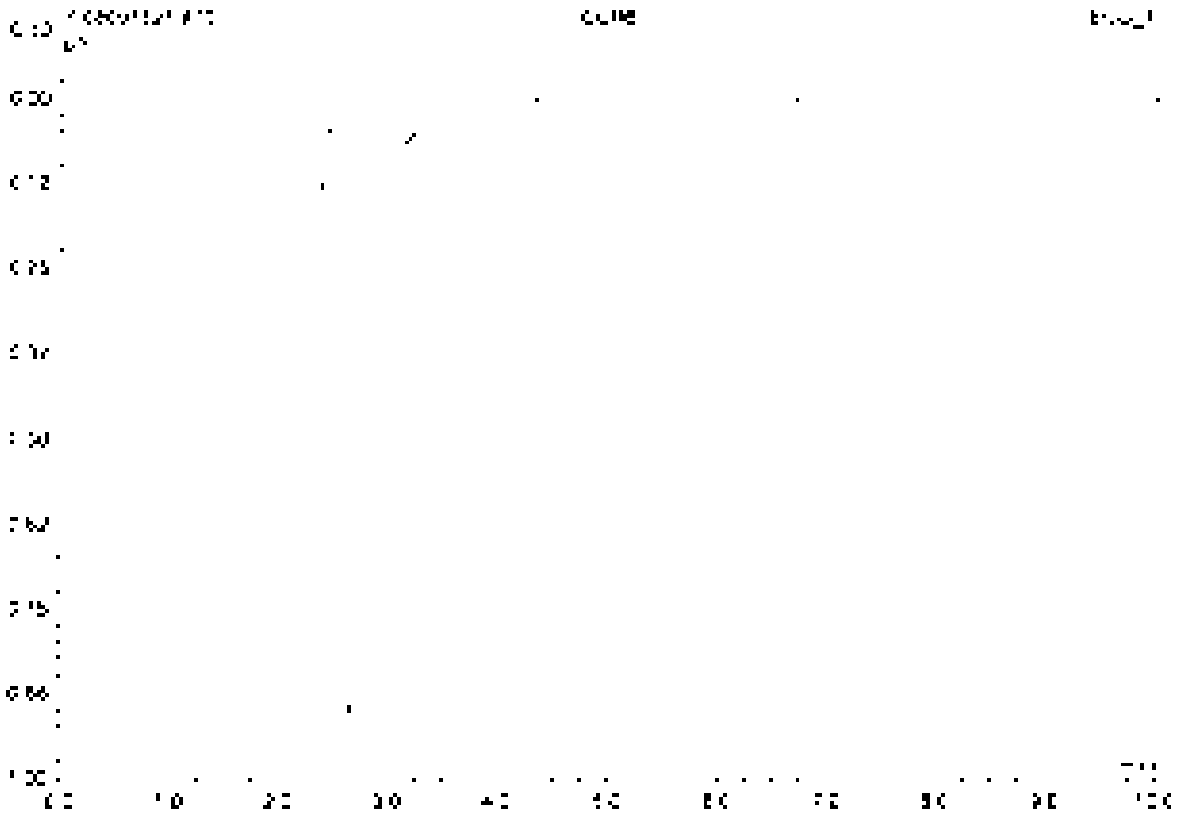
Sample Name	CCV6	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/13/2021 23:51	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.04	Fluoride	5.386	1.249	25.55	5.556	BV*
2	4.05	Chloride	9.389	0.858	17.53	4.701	bV*
3	4.76	Nitrite	6.979	0.900	18.43	2.519	BMB
4	5.53	Bromide	1.464	0.179	3.66	2.491	BMB
5	5.97	Nitrate	7.653	1.056	21.69	2.391	bMR
6	7.87	Sulfate	3.234	0.620	12.67	4.877	bMB
Total			34.205	4.869	100.00	22.475	

70 CCB6

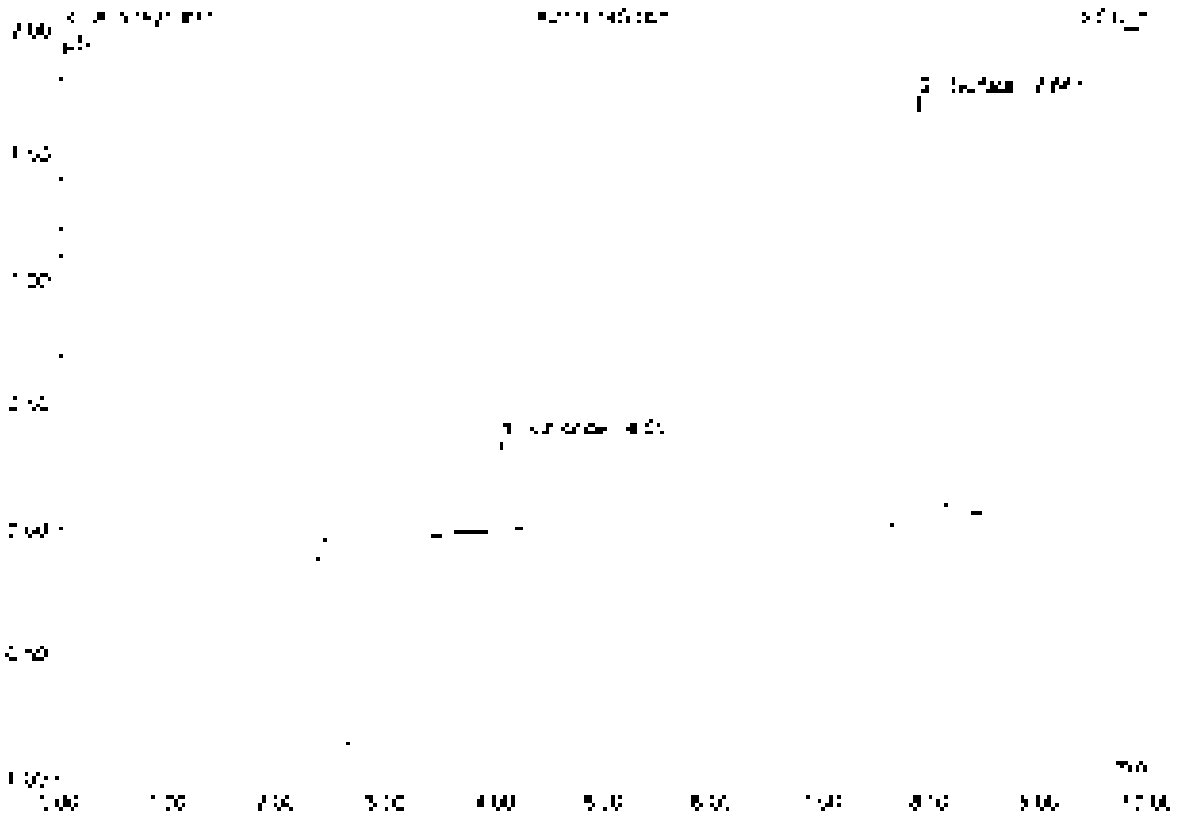
Sample Name	CCB6	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantif. Method	wpa300	Dilution Factor	1.0000
Recording Time	9/15/2021 6.03	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

71 K2110140-001

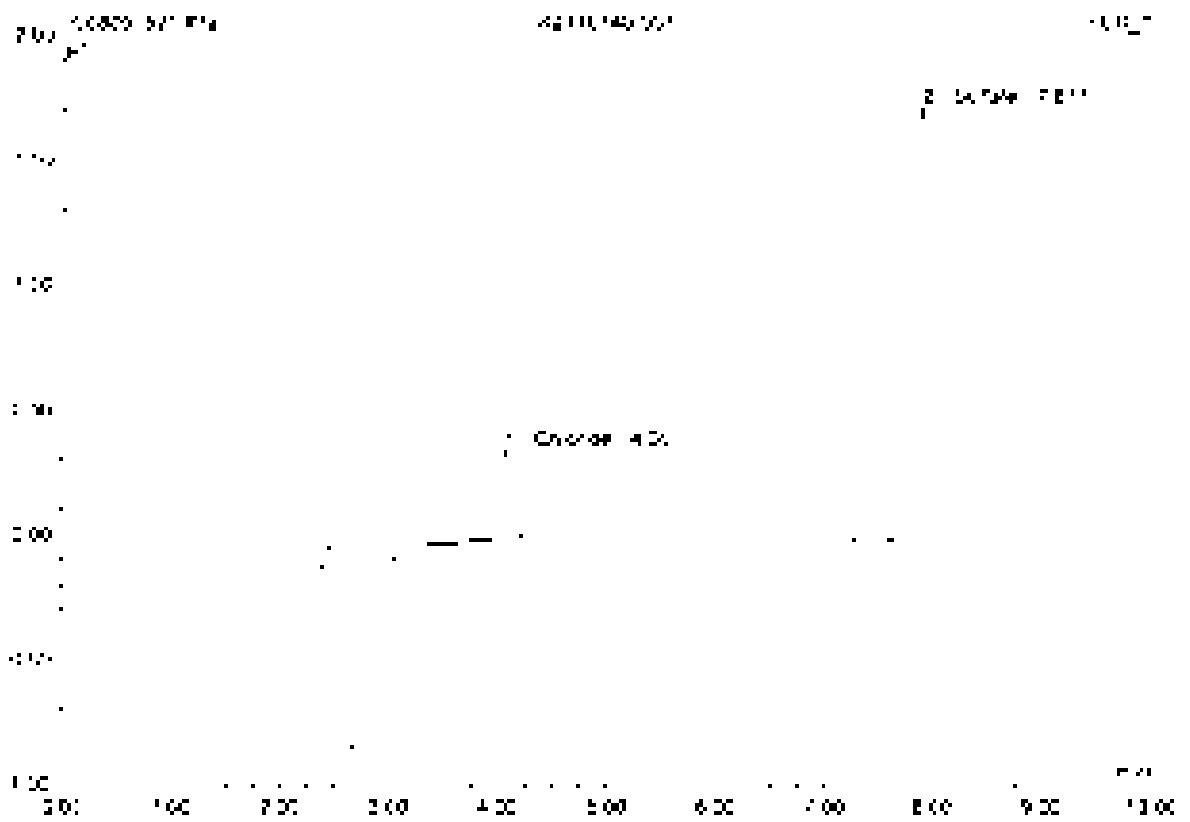
Sample Name	K2110140-001	Injection Volume	25.0
Vial Number	3	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant Method	wpa300	Dilution Factor	20.0000
Recording Time	8/16/2021 0:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.304	0.038	10.34	4.147	BMB
2	7.85	Sulfate	1.668	0.328	89.66	51.132	BMB
Total:			2.(65)	0.366	100.00	55.278	

72 K2110140-003

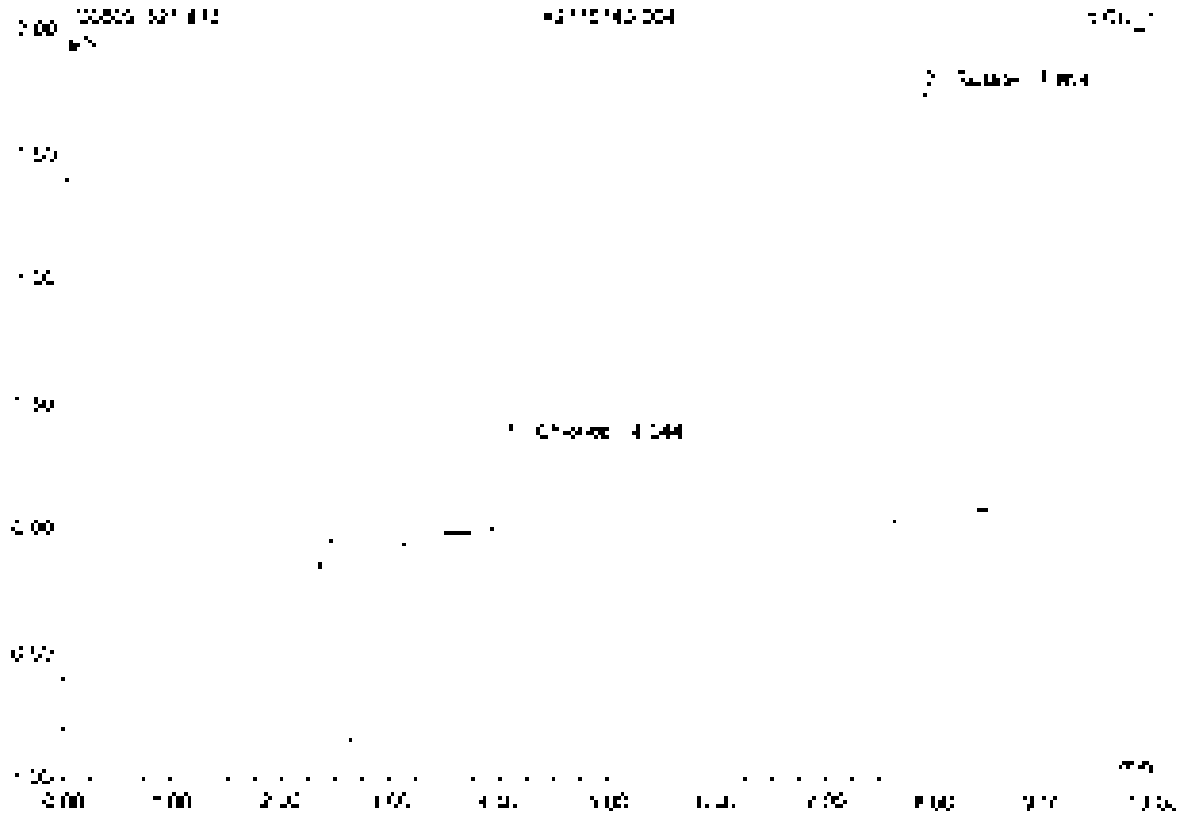
Sample Name	K2110140-003	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	20.0000
Recording Time	9/16/2021 0:27	Sample Weight	1.0000
Run Time (max.)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.35	Chlorate	0.257	0.038	10.23	4.173	BMB
2	7.58	Sulfate	1.714	0.334	89.77	57.040	BMB
Total:			2.071	0.372	100.00	56.213	

73 K2110140-004

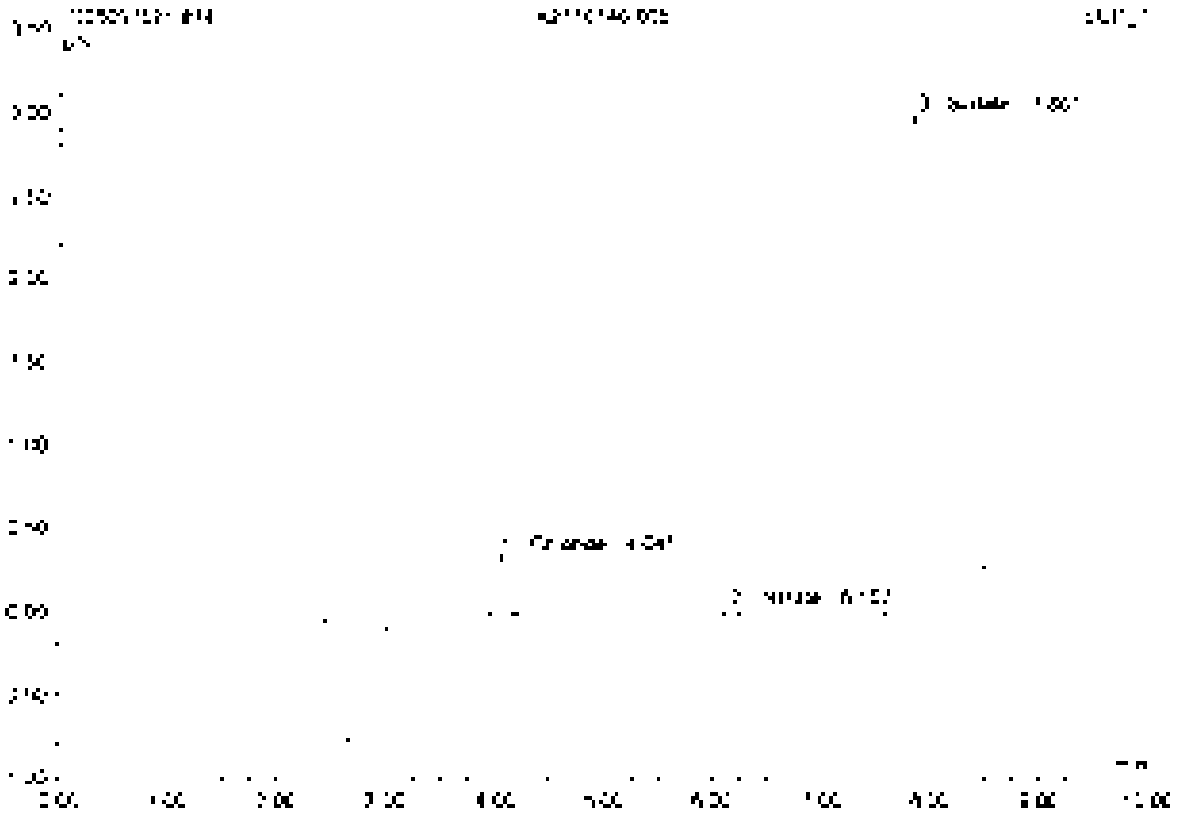
Sample Name	K2110140-004	Injection Volume	25.0
Vial Number	3	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	20.0000
Recording Time	5/15/2021 6:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	0.052	0.017	9.54	4.661	BMB
2	7.66	Sulfate	1.718	0.305	90.46	52.109	BMB
Total:			2.070	0.321	100.00	56.770	

74 K2110140-005

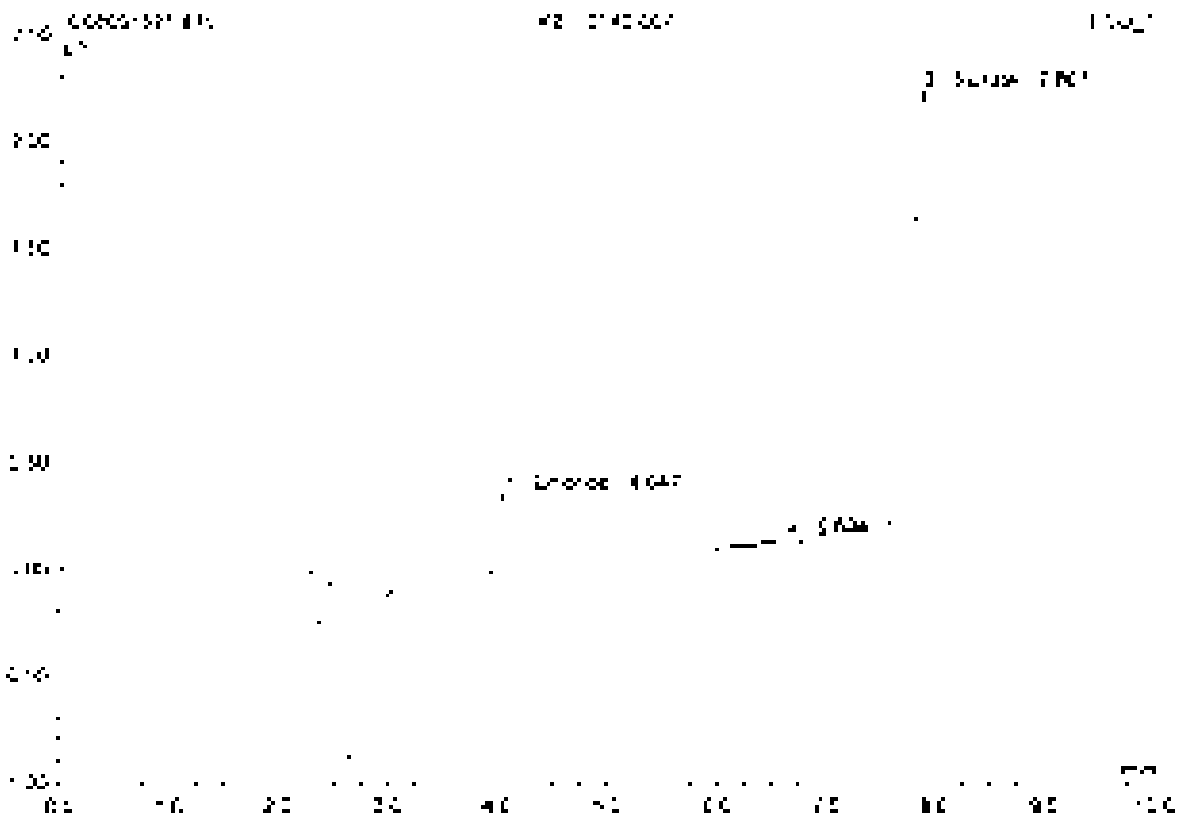
Sample Name	K2110140-005	Injection Volume	25.0
Vial Number	4	Column	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	20.0000
Recording Time	9/16/2021 6:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.94	Chloride	0.362	0.034	6.20	0.745	BMB
2	6.17	Nitrate	0.045	0.006	0.99	0.294	BMB
3	7.86	Sulfate	2.916	0.616	92.81	35.920	BMB
Total:			3.323	0.657	100.00	36.959	

75 K2110140-007

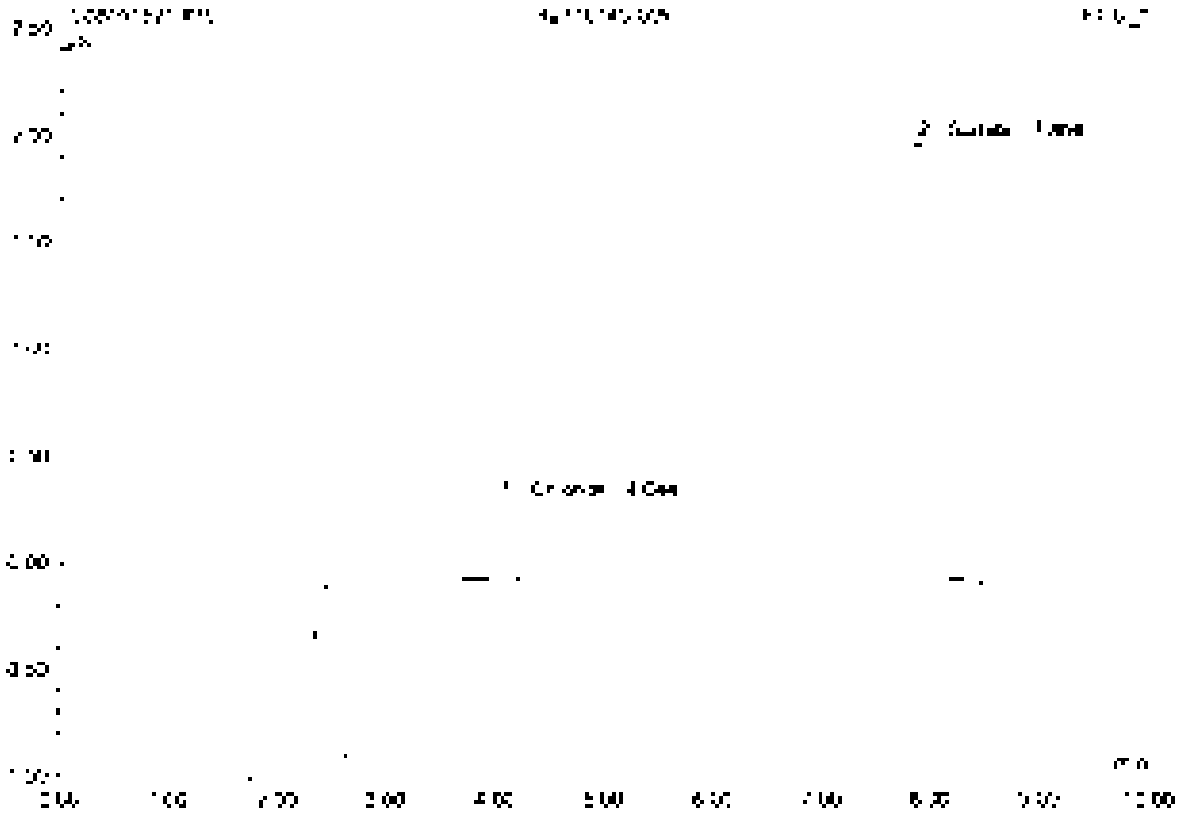
Sample Name	K2110140-007	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Output Method	apa300	Calibration Factor	20.0000
Recording Time	9/16/2021 1:02	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.35	Chloride	0.368	0.036	8.12	3.507	BMB
2	6.63	n.a.	0.078	0.006	1.44	n.a.	BMB
3	7.87	Sulfate	2.005	0.391	90.36	61.262	BMB
Total:			2.455	0.433	100.00	64.769	

T6 K2110140-009

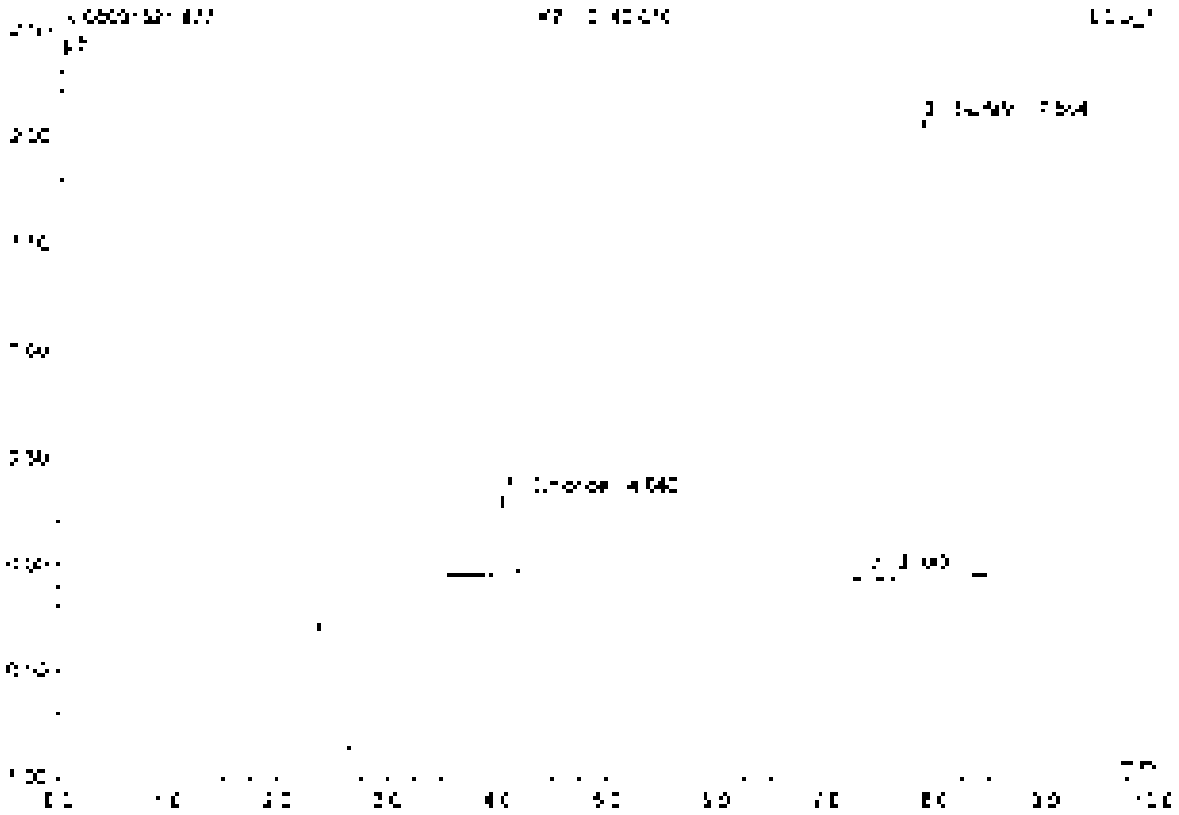
Sample Name	K2110140-009	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Remark	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	9/16/2021 1:14	Sample Weight	1.0000
Run Time (max.)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Relative %	Amount	Type
1	4.04	Chlorate	0.368	0.032	0.02	4.136	BMB
2	7.96	Sulfate	2.048	0.38[illegible]	50.98	59.274	BMB
Total:			2.416	0.418	100.00	63.410	

77 K2110140-010

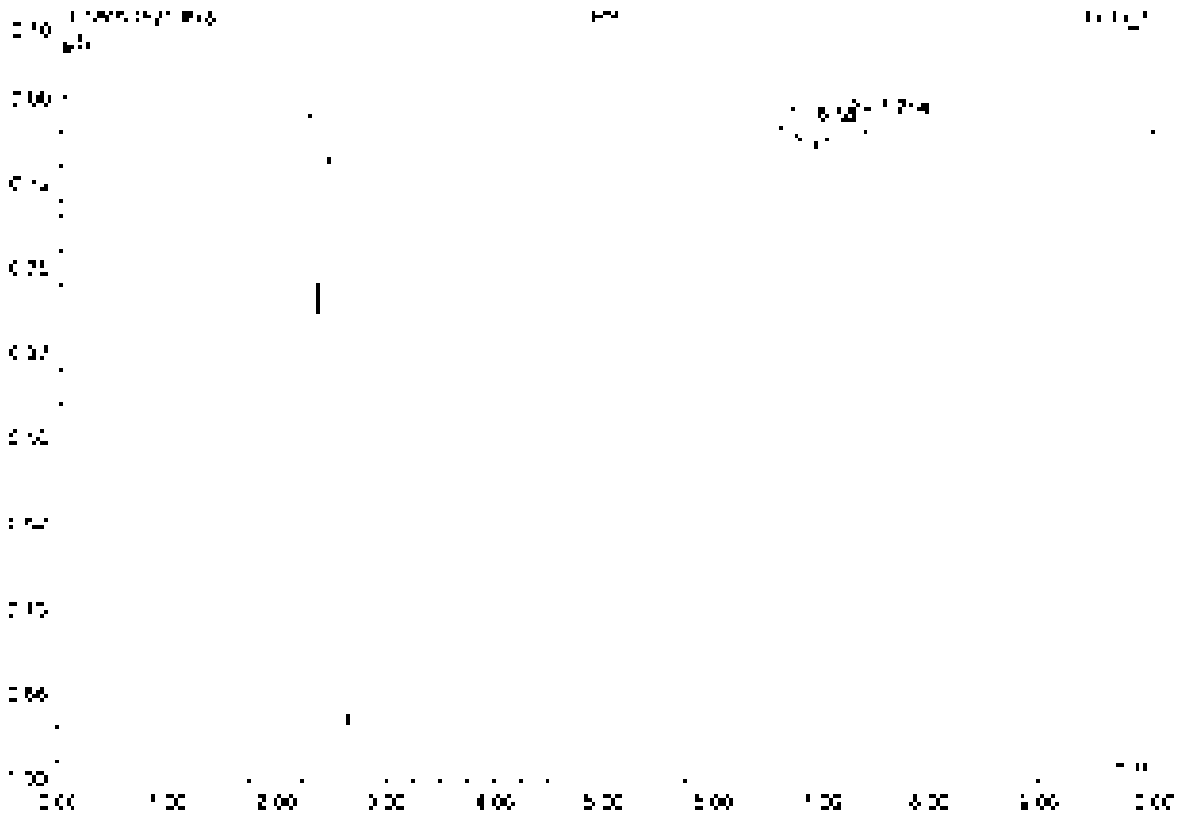
Sample Name	K2110140-010	Injection Volume	25.0
Vial Number	9	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantif. Method	wpa300	Dilution Factor	20.0000
Recording Time	9/14/2021 1:24	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	0.365	0.037	8.09	6.016	BMB
2	7.36	n.a.	0.028	0.007	1.44	n.a.	BMB
3	7.56	Sulfate	2.144	0.410	90.47	63.833	BMB
Total:			2.536	0.453	100.00	67.849	

78 RB

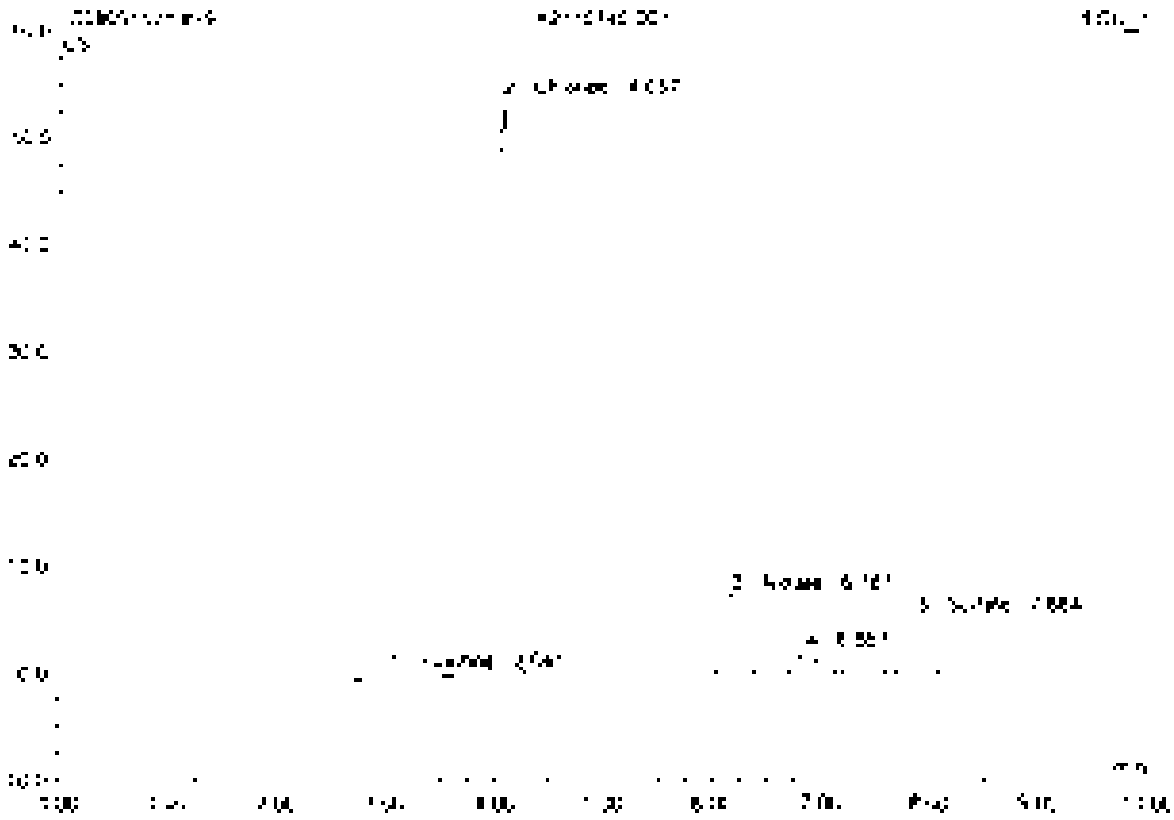
Sample Name	RB	Injection Volume	25.0
Vial Number	55	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/18/2021 1:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	6.96	n.a.	0.060	1.751	99.69	n.a.	BMB
2	7.21	n.a.	0.026	0.006	0.31	n.a.	BMB
Total:			0.100	1.757	100.00	0.000	

79 K2110740-001

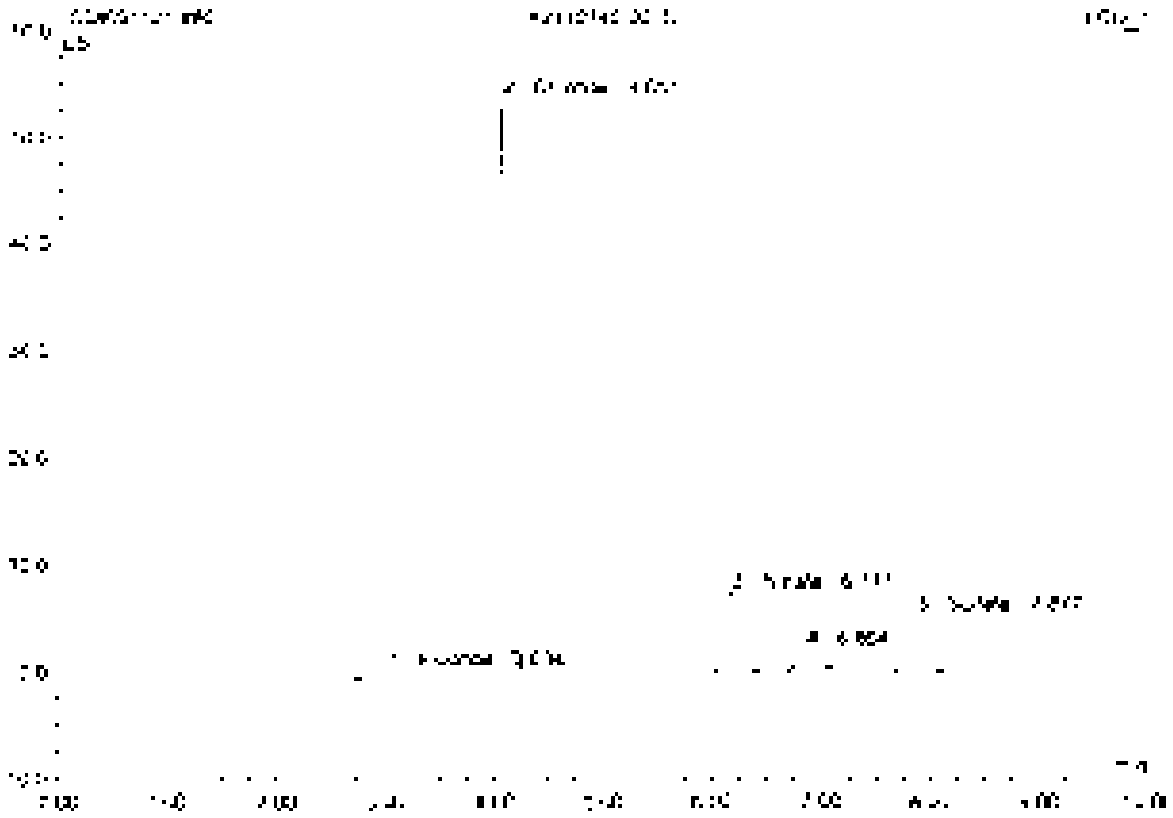
Sample Name	K2110740-001	Injection Volume	25.0
Vial Number	19	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	9/16/2021 1:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	0.634	0.368	0.57	3.258	BMB
2	4.06	Chloride	53.621	4.746	63.66	51.588	bVU
3	5.15	Nitrate	7.406	1.059	14.05	4.793	BMB
4	5.97	n.a.	2.000	0.384	5.10	n.a.	BMB
5	7.58	Sulfate	5.394	0.967	12.86	15.061	BMB
Total:			69.035	7.522	100.00	75.701	

60 K2110740-001D

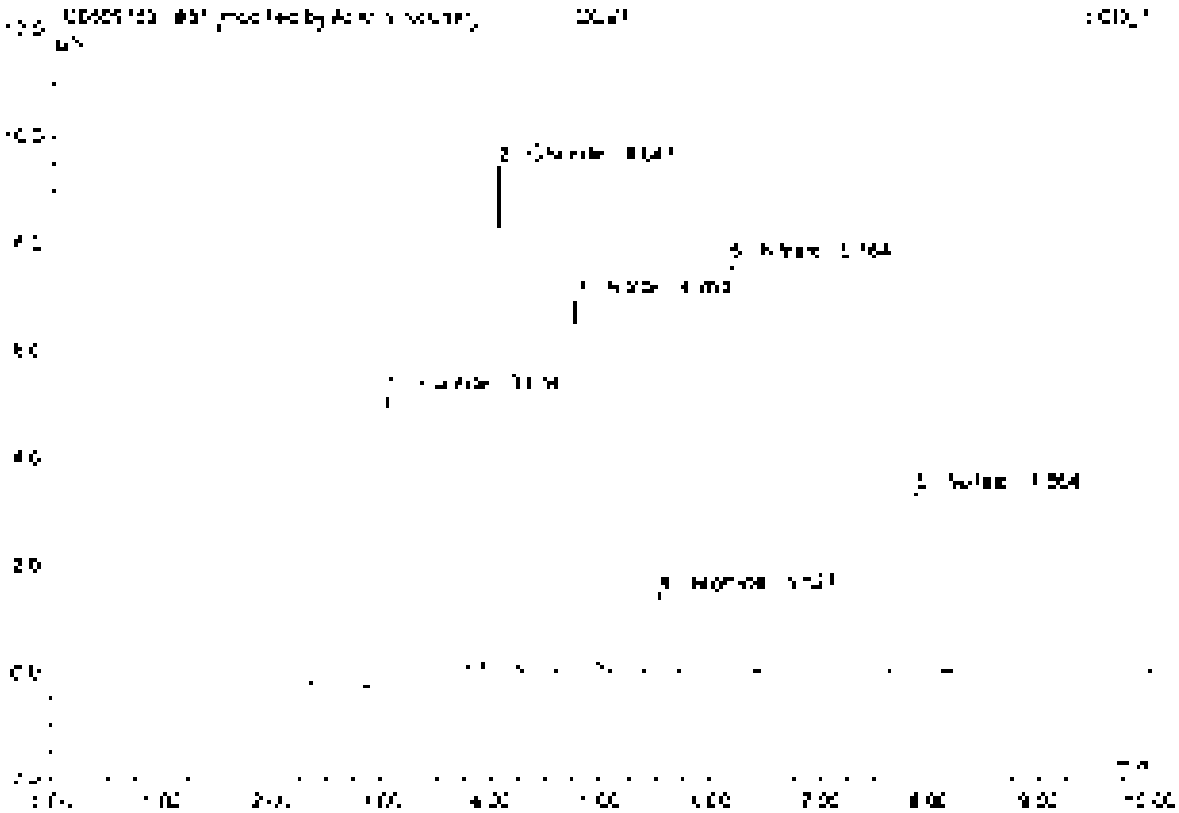
Sample Name	K2110740-001D	Injection Volume	25.0
Vial Number	11	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Processing Time	[illegible] 2:02	Sample Weight	1.0000
Run Temperature	40.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.33	Fluoride	0.636	0.360	4.87	0.254	BMB
2	4.35	Chloride	53.446	4.734	63.05	51.919	BMB
3	6.18	Nitrate	7.390	1.056	14.05	4.775	BMB
4	5.96	n.a.	2.025	0.388	5.16	n.a.	BMB
5	7.88	Sulfate	5.340	0.965	12.85	15.017	BMB
Total:			58.849	7.507	100.00	74.965	

#1 CCV7

Sample Name	CCV7	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Calibrated Flow	1.0000
Processing Time	9/19/2021 2:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	5.352	1.234	24.98	5.256	BMB*
2	4.05	Chloride	9.464	0.960	17.83	4.709	BMB*
3	4.76	Nitrite	6.249	0.934	18.55	2.504	BMB
4	5.53	Bromide	4.464	0.179	3.71	2.423	BMB
5	6.15	Nitrate	7.062	1.054	21.87	2.385	BMB
6	7.86	Sulfate	3.345	0.630	13.06	4.903	BMB
Total:			34.207	4.821	100.00	22.280	

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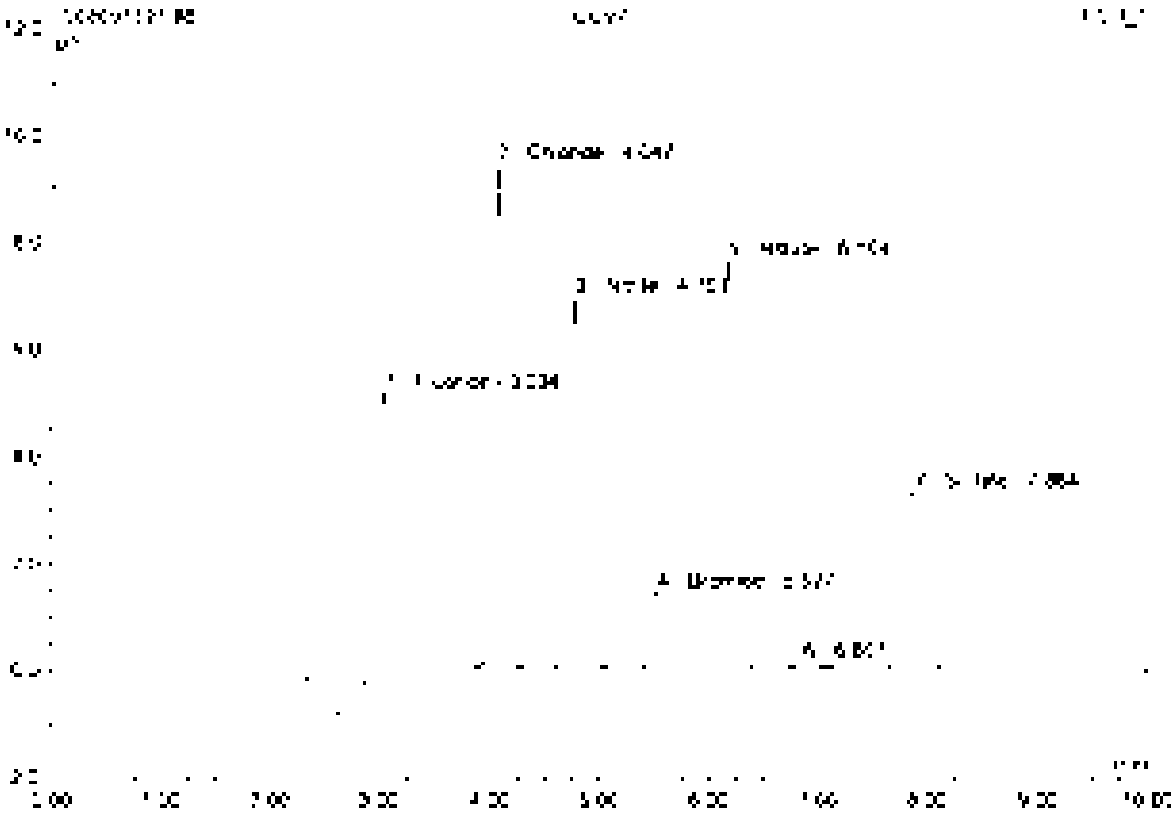
Version 6.80 SR1 (Build 3302) (960291)

81 CCV7

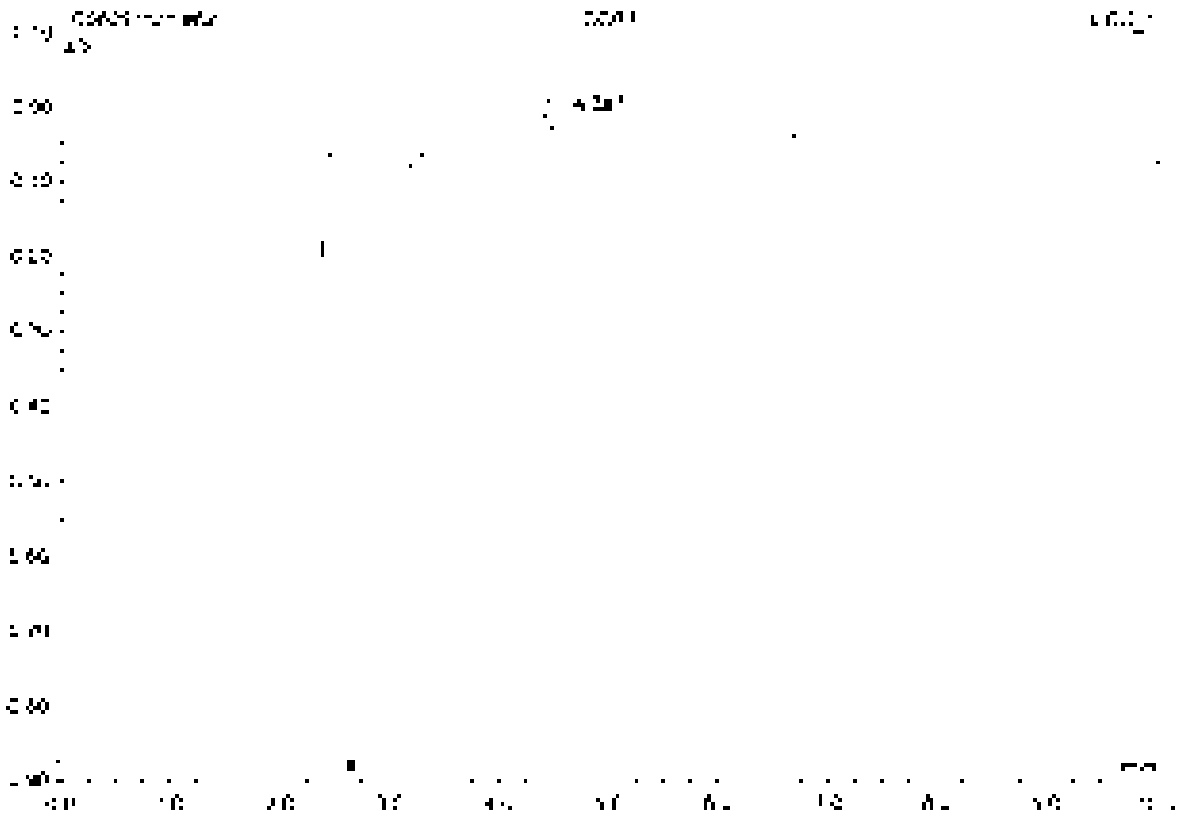
Sample Name	CCV7	Injection Volume	35.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	9/16/2021 2:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.93	Fluoride	5.406	1.250	25.50	5.560	BMb
2	4.05	Chloride	9.404	0.860	17.54	4.709	bVB
3	4.70	Nitrite	6.949	0.894	18.23	2.504	BVU
4	5.51	Bromide	1.464	0.179	3.65	2.429	bVU
5	6.16	Nitrate	7.862	1.054	21.51	2.365	BVB
6	6.87	n.a.	0.138	0.035	0.71	n.a.	BV3
7	7.86	Sulfate	3.345	0.630	12.85	4.903	BVB
Total:			34.363	4.901	100.00	22.484	

52 CCB7

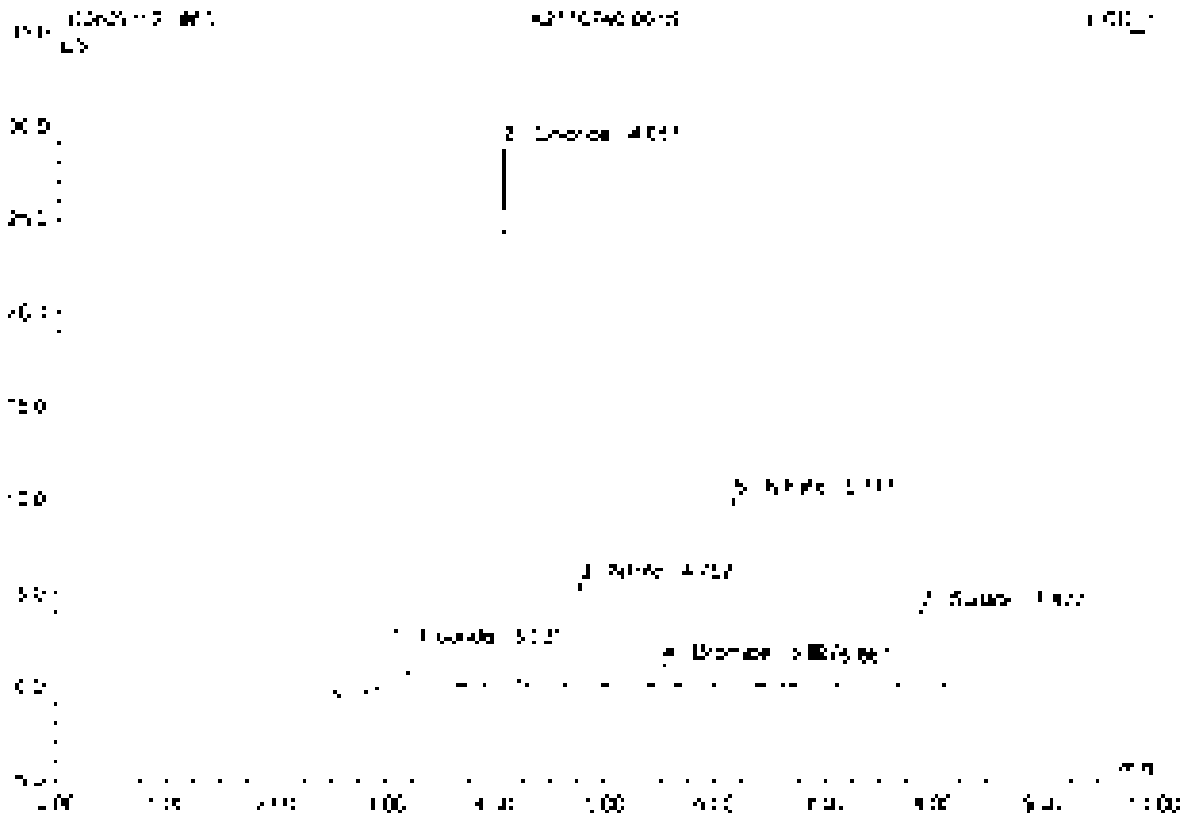
Sample Name	CCB7	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Original Method	epa300	Dilution Factor	1.0000
Processing Time	5/15/2021 2:26	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	n.a.	0.685	3.021	100.00	n.a.	BMB
Total			0.685	3.021	100.00	0.000	

83 K2110740-001S

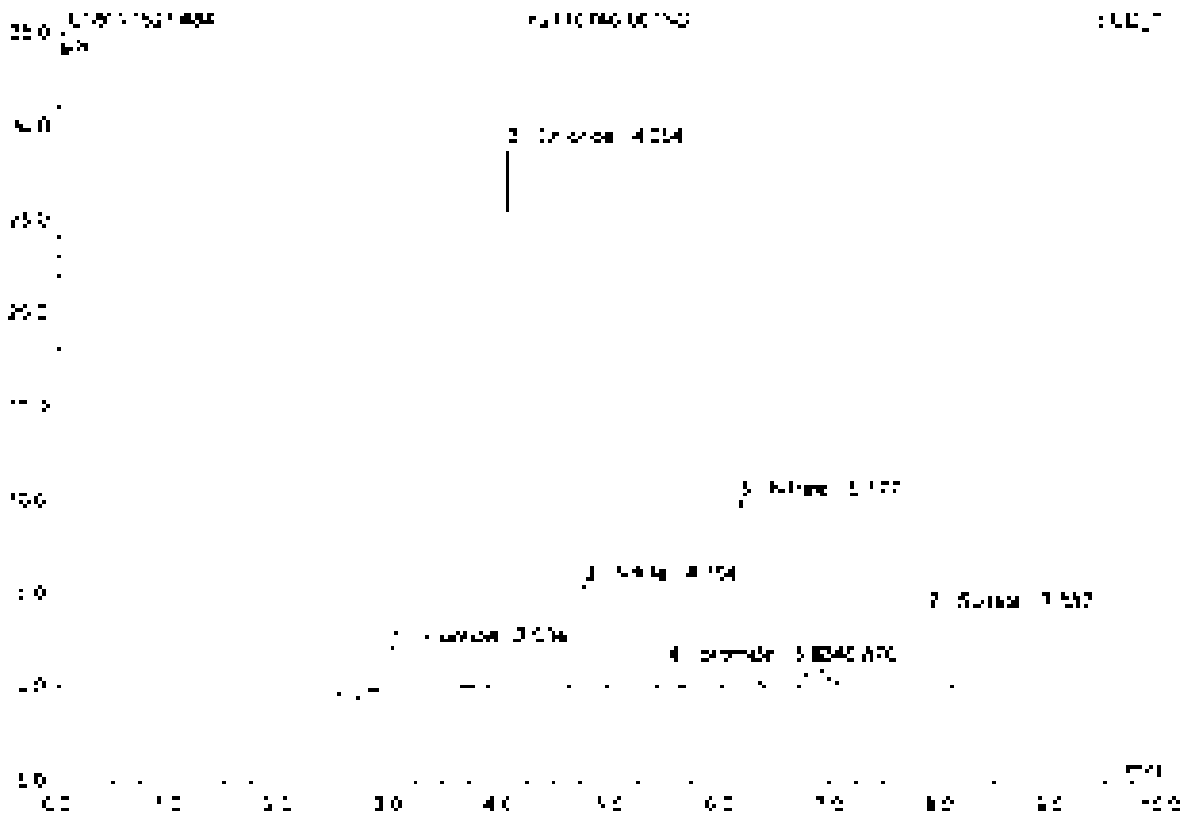
Sample Name	K2110740-001S	Injection Volume	25.0
Vial Number	13	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spe300	Bandwidth	n.a.
Operator Method	spe300	Control Factor	1.0000
Recording Time	9/16/2021 2:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.33	Fluoride	2.327	0.587	9.25	10.450	BMB
2	4.05	Chloride	28.655	2.540	40.53	50.382	BMB
3	4.76	Nitrite	5.571	0.709	11.19	7.942	BMB
4	5.53	Bromide	1.181	0.146	2.30	7.522	BMB
5	6.17	Nitrate	10.033	1.461	22.07	12.585	BMB
6	6.86	Phosphate	1.012	0.205	3.23	n.a.	BMB
7	7.88	Sulfate	2.980	0.726	11.44	22.616	BMB
Total:			52.500	6.340	100.00	117.507	

84 K2110740-001SD

Sample Name	K2110740-001SD	Injection Volume	25.0
Vial Number	13	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	4.0000
Recording Time	5/18/2021 2:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

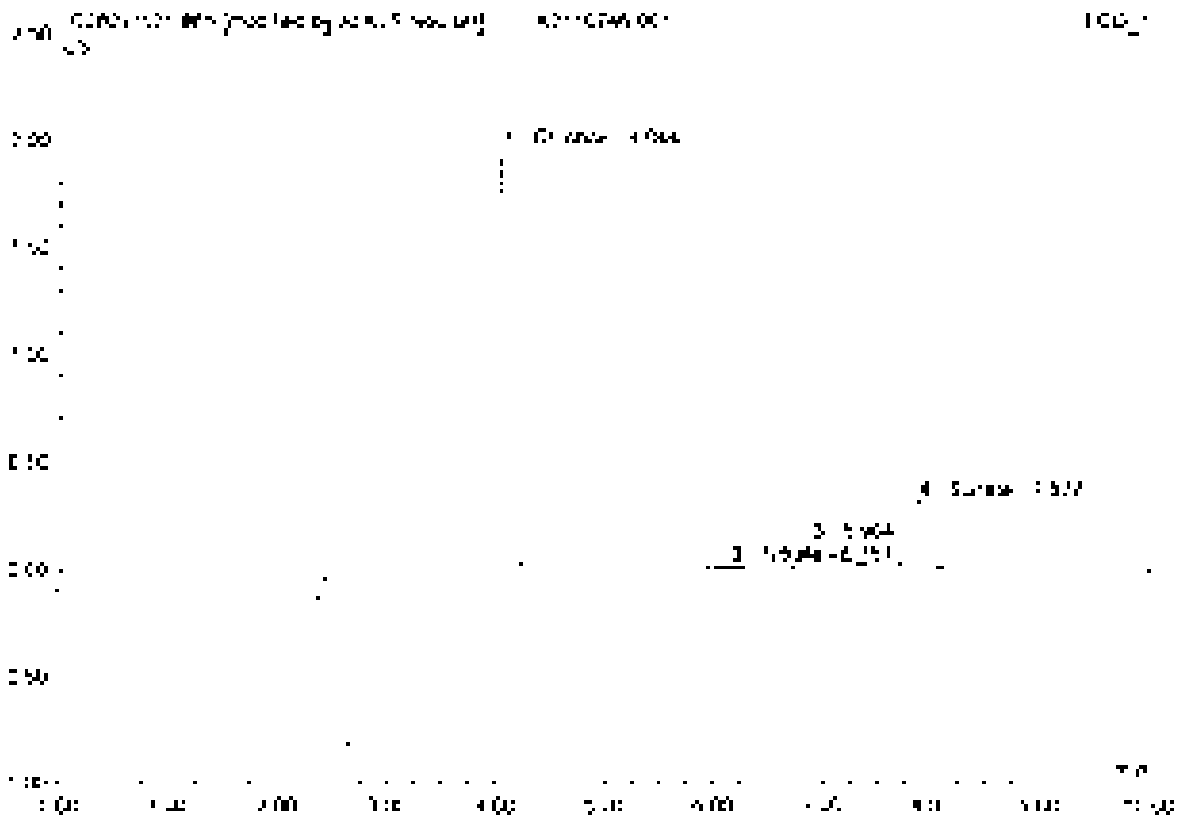


No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.03	Fluoride	2.942	0.561	9.79	10.512	BMB
2	4.05	Chloride	28.800	2.575	44.95	55.427	BMB
3	4.70	Nitrite	5.505	0.710	12.39	7.954	BMB
4	5.55	Bromide	1.778	0.145	2.53	7.835	BMB
5	5.13	Nitrate	13.075	1.402	24.47	12.690	BMB
6	5.97	n.a.	1.046	0.191	3.33	n.a.	BMB
7	7.85	Sulfate	3.576	0.727	12.69	32.676	BMB
Total:			52.865	5.731	100.00	118.088	

Chromeleon, Dionex 1996-2006
Version 6.80 SR1 Build 3207 (1362791)

85 K2110746-001

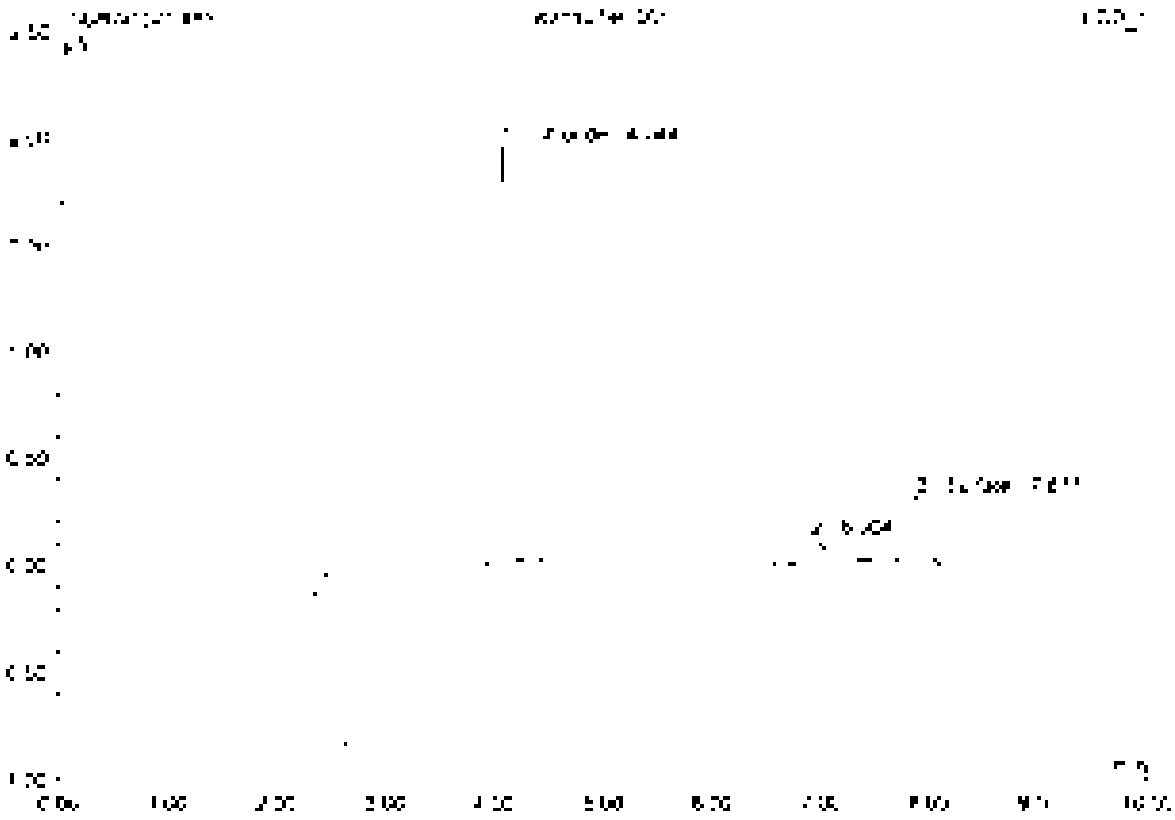
Sample Name	K2110746-001	Injection Volume	25.0
Vial Number	14	Channel	EGD 1
Sample Type	unknown	Wavelength	n.a.
Comm. Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	2.0000
Recording Time	5/15/2021 5:02	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.94	Chloride	1.956	0.184	66.81	2.015	BV B
2	5.17	Nitrate	0.002	0.002	0.68	0.005	BMB
3	6.50	n.a.	0.120	0.036	12.94	n.a.	BMB
4	7.58	Sulfate	0.306	0.055	19.56	0.562	BMB
Total:			2.384	0.277	100.00	2.582	

B5 K2110746-001

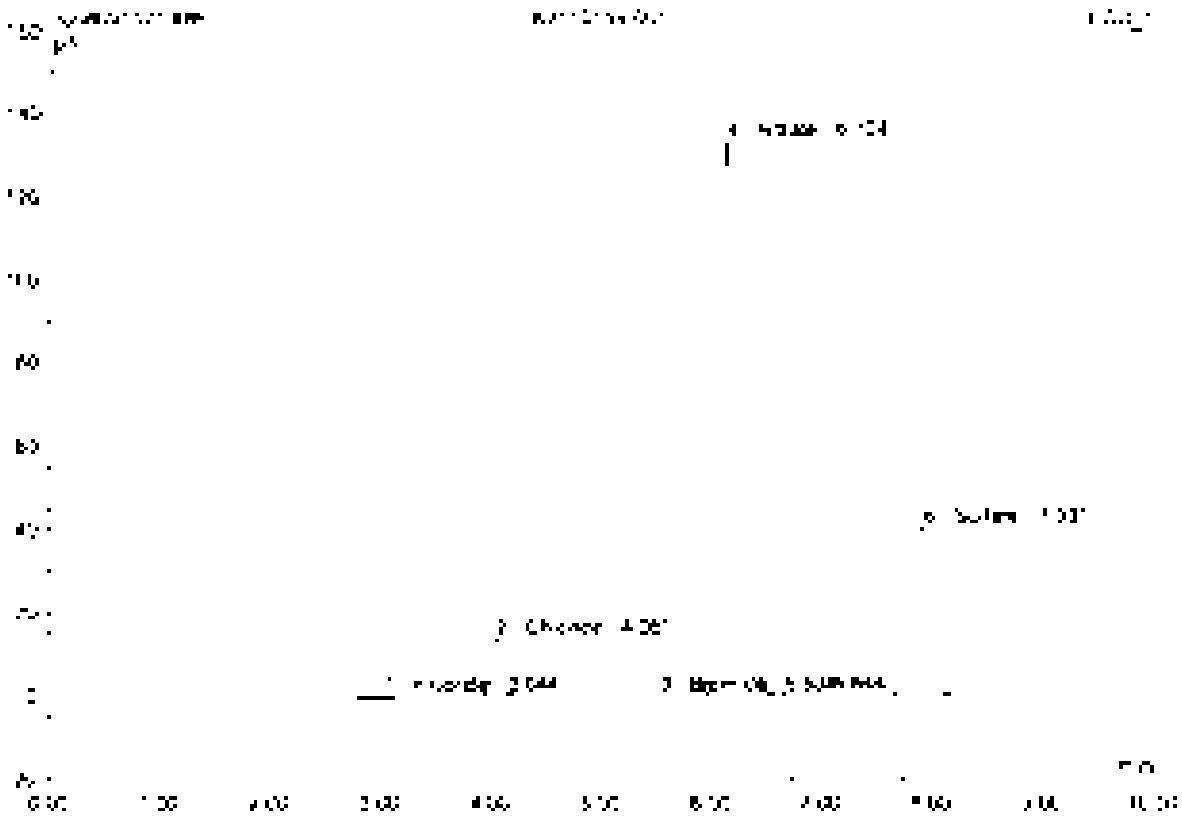
Sample Name	K2110746-001	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	8/18/2021 3:03	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chlorate	1.555	0.184	56.87	2.019	BMB
2	6.30	n.a.	0.120	0.008	1.00	n.a.	BV0
3	[illegible]	Sulfate	0.106	0.055	20.10	0.862	BV0
Total:			2.382	0.275	100.00	2.881	

86 K2110159-001

Sample Name	K2110159-001	Injection Volume	25.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	5.0000
Processing Time	5/15/2021 5:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	0.434	0.256	0.18	5.557	BMB
2	4.05	Chloride	13.803	1.277	0.87	34.952	BMB
3	5.53	Bromide	0.039	0.016	0.05	1.057	BMB
4	6.12	Nitrate	133.388	24.328	73.72	275.267	BMB
5	6.94	n.a.	0.085	0.025	0.07	n.a.	BMB
6	7.93	Sulfate	63.547	7.100	21.51	276.362	BMB
Total:			185.297	33.002	100.00	593.197	

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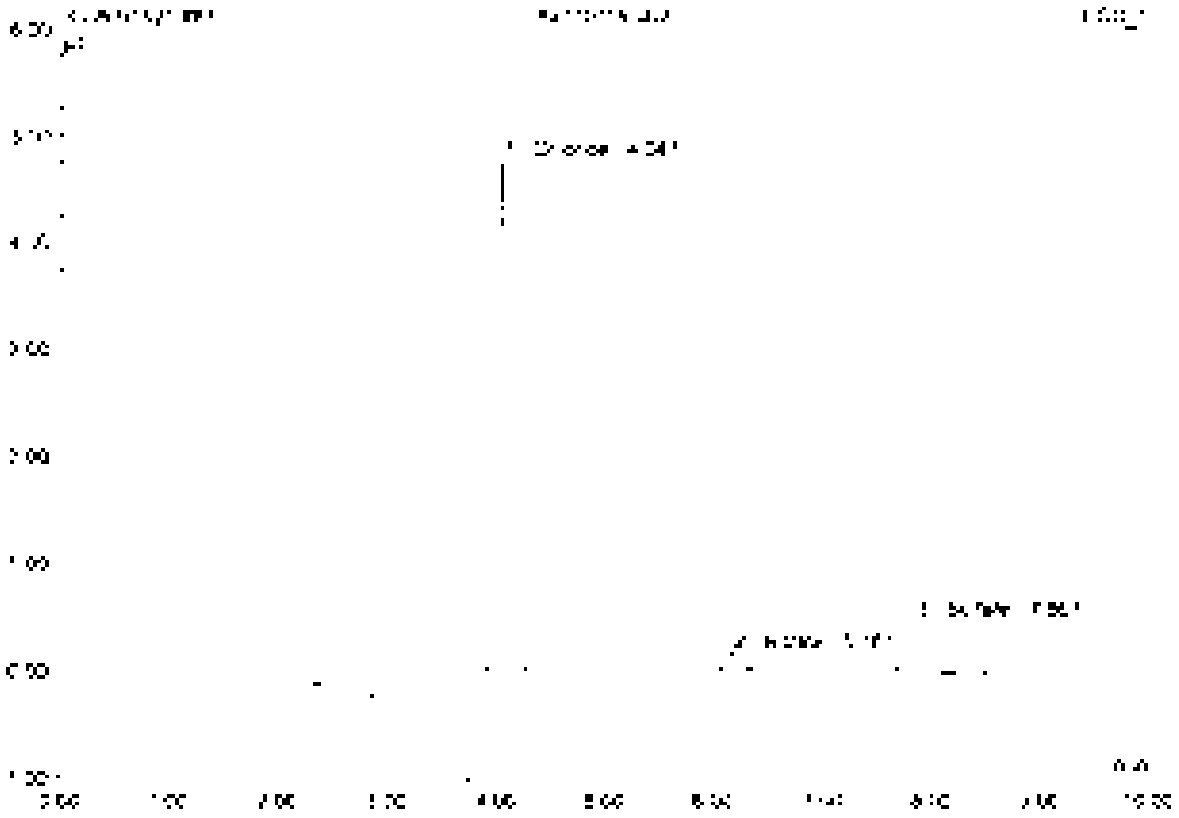
Version 6.80 SP1 build 3302 (1962351)

87 K2110159-002

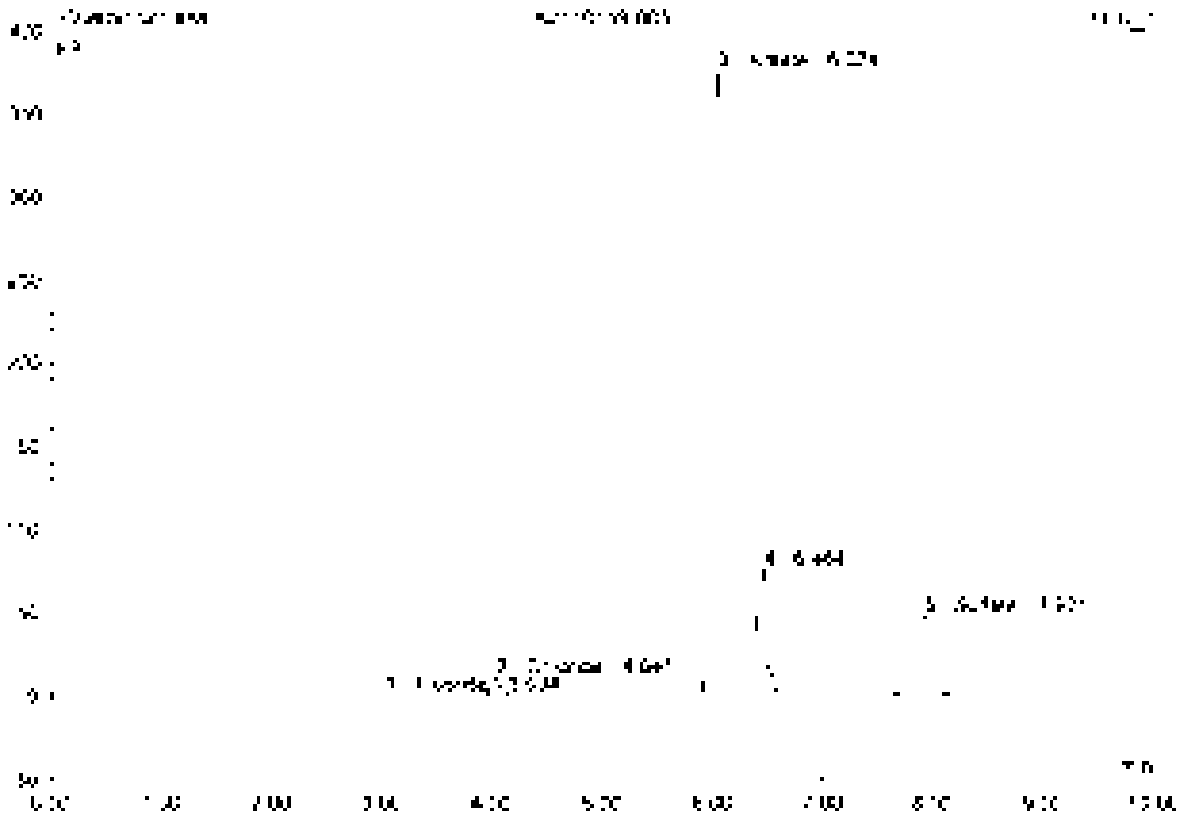
Sample Name	K2110159-002	Injection Volume	25.0
Vial Number	16	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	20.0000
Recording Time	5/16/2021 3:28	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.35	Chloride	5.700	3.441	38.61	48.345	BMB
2	6.18	Nitrate	0.100	0.324	4.04	1.102	BMB
3	7.87	Sulfate	0.480	0.066	17.05	14.909	BMB
Total:			5.400	3.561	100.00	64.356	

88 K2110159-003

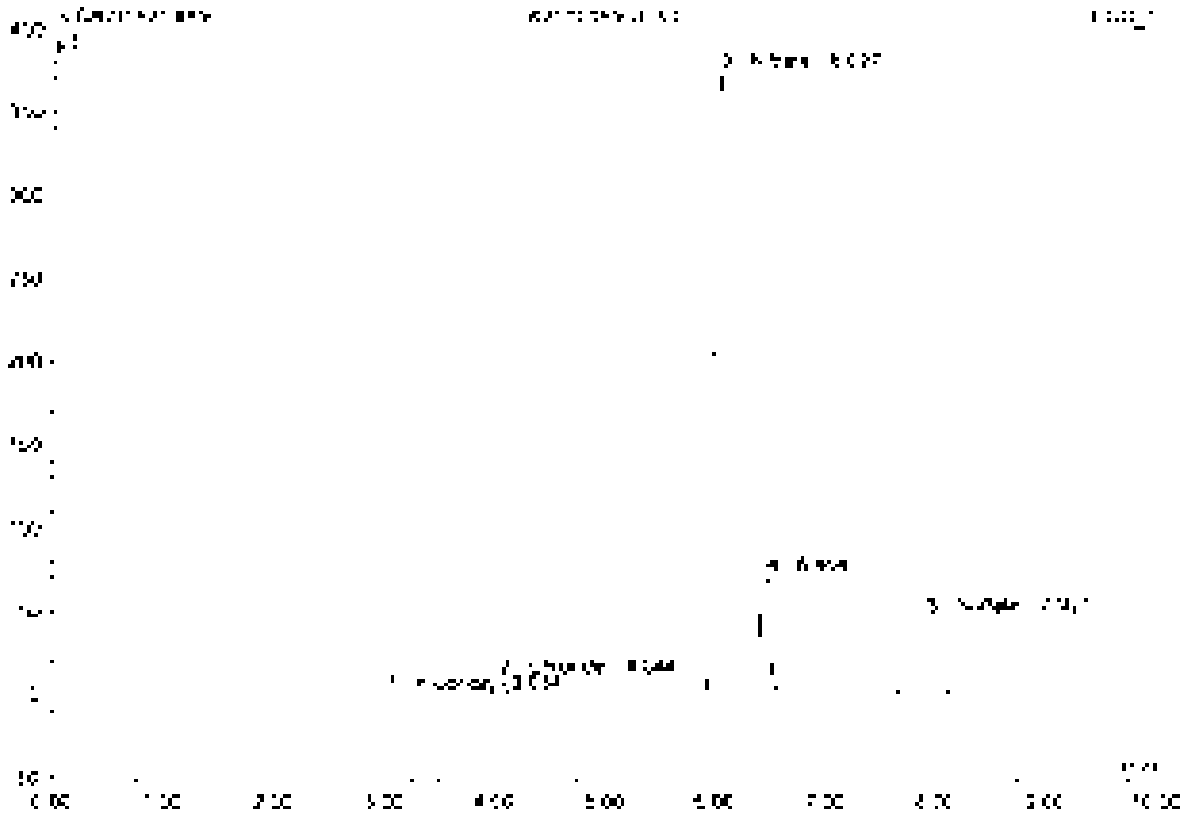
Sample Name	K2110159-003	Injection Volume	25.0
Vial Number	17	Channel	EGD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Original Method	epa300	Dilution Factor	3.0000
Acquisition Time	9/16/2021 5:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.33	Fluoride	3.390	5.227	0.27	5.031	BMB
2	4.04	Chloride	10.103	21.944	1.14	22.840	BMB
3	6.37	Nitrate	364.796	69.105	89.64	787.929	BMB
4	5.46	n.a.	49.614	3.188	3.66	n.a.	BMB
5	7.92	Sulfate	47.649	9.195	11.12	357.892	BMB
Total:			475.554	92.659	100.00	1170.708	

88 K2110159-003D

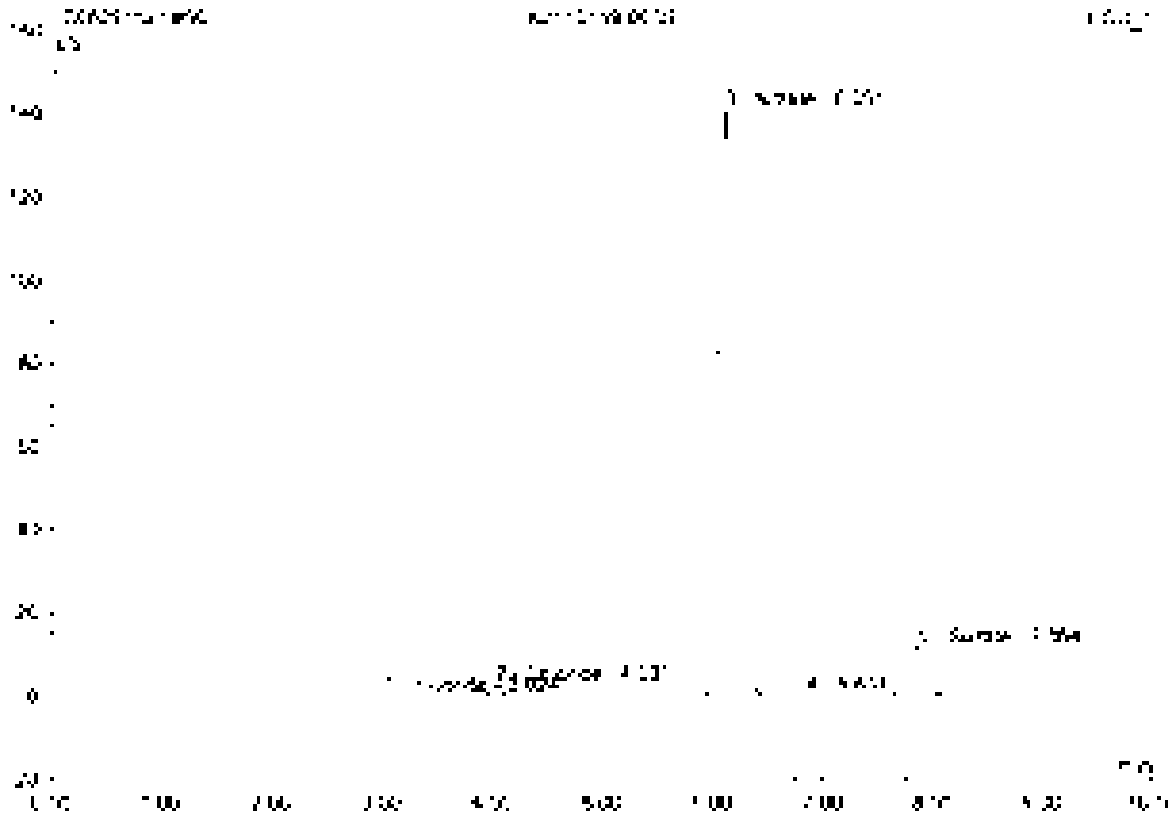
Sample Name	K2110159-003D	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a
Control Program	epa300	Bandwidth	n.a
Quant Method	epa300	Dilution Factor	6.0000
Recording Time	9/18/2021 3:49	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.03	Fluoride	0.396	0.229	0.28	5.094	BMB
2	4.04	Chloride	5.587	0.535	1.14	23.015	BMB
3	6.03	Nitrate	361.582	62.189	84.05	778.460	BMB
4	6.45	n.a	44.241	2.844	3.47	n.a	BMB
5	7.92	Sulfate	46.934	9.047	11.05	352.156	BMB
Total:			465.135	81.855	100.00	1161.327	

90 K2110159-003S

Sample Name	K2110159-003S	Injection Volume	25.0
Vial Number	19	Channel	ECD: 1
Sample Type	unknown	Wavelength	n/a
Control Program	epa300	Bandwidth	n/a
Quantit. Method	epa300	Dilution Factor	10.0000
Running Time	9/16/2021 4:01	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	0.104	0.061	0.25	2.657	BMB
2	4.01	Chloride	2.278	0.244	1.01	13.359	dMB
3	5.09	Nitrate	140.613	21.605	89.81	452.525	BMB
4	5.86	n.a.	0.059	0.017	0.07	n.a.	BMB
5	7.35	Sulfate	11.642	2.131	8.86	185.917	BMB
Total:			154.696	24.058	100.00	670.899	

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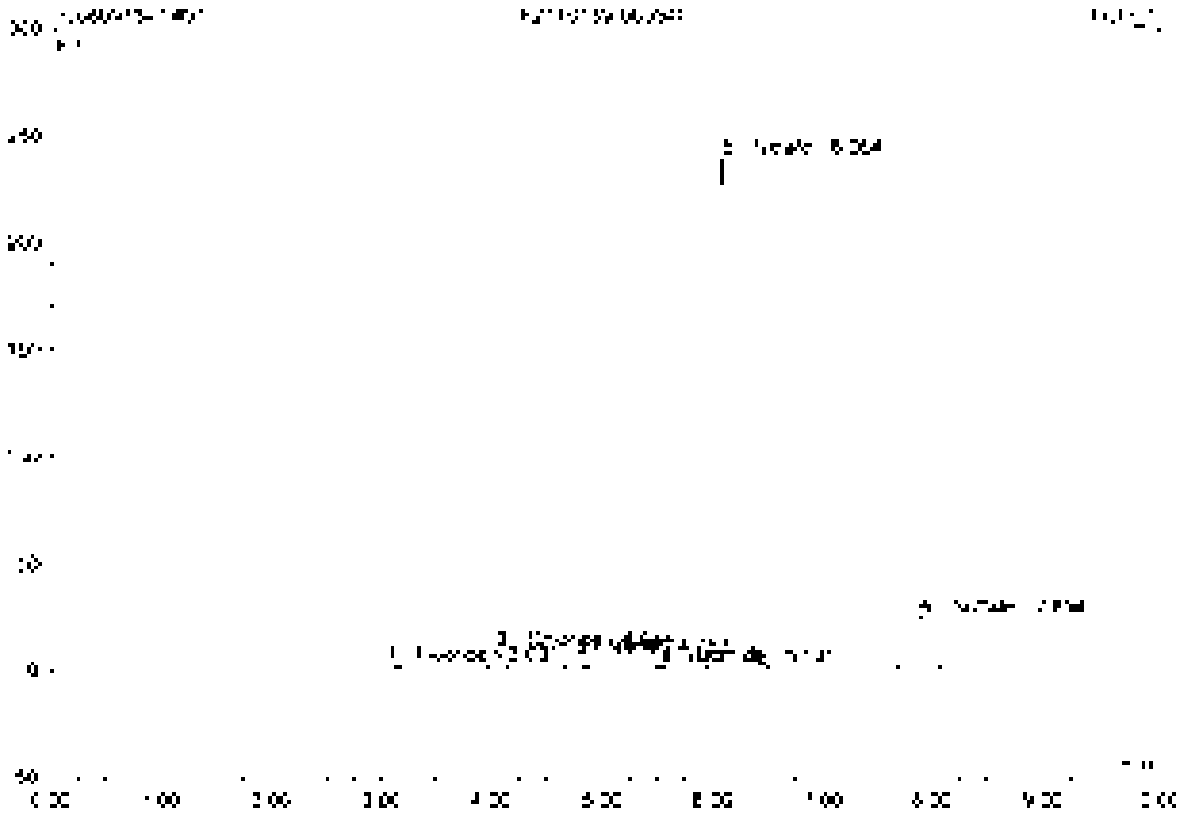
Version 6.80 SR1 to B... 2302 ; 1963 19.

91 K2110159-003SD

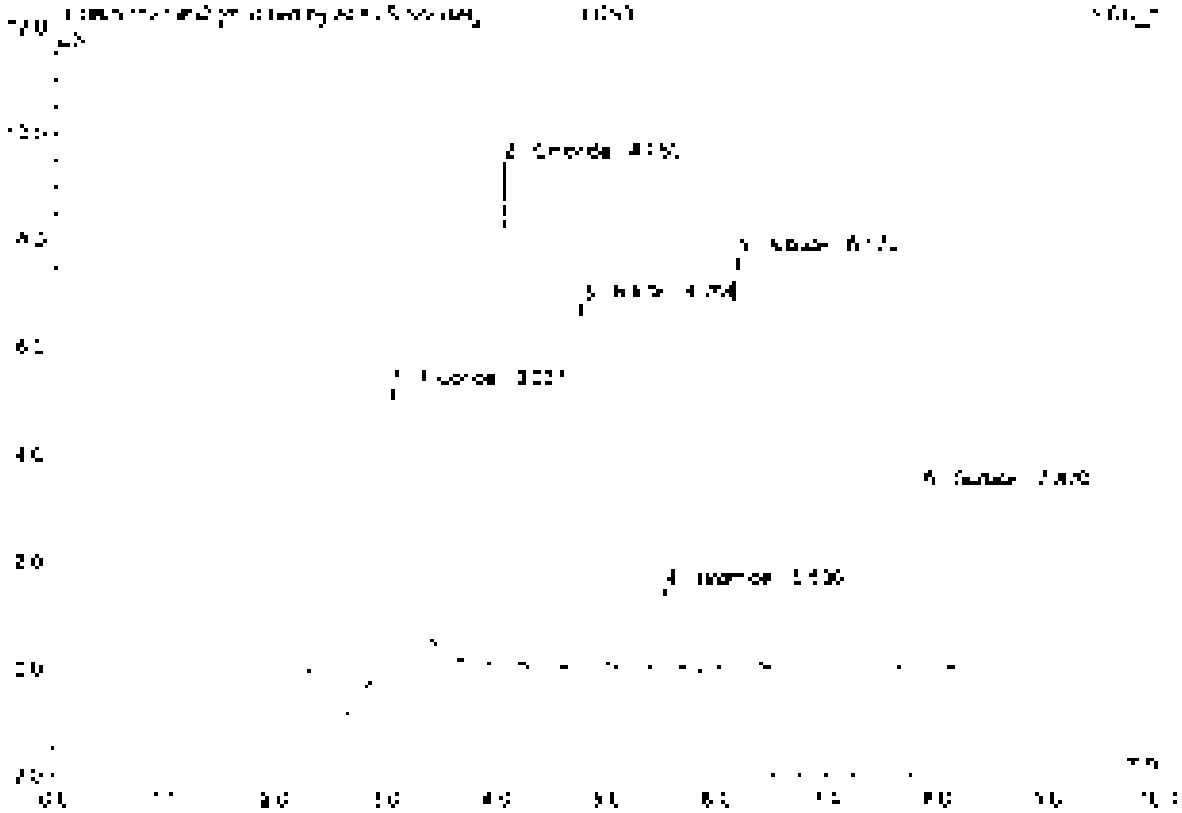
Sample Name	K2110159-003SD	Injection Volume	25.0
Vial Number	20	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Calibration Factor	10.0000
Recording Time	9/16/2021 4:13	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]	BVB
2	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
3	[illegible]	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]	BVB
4	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	BVB
5	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
6	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

92 LCS3

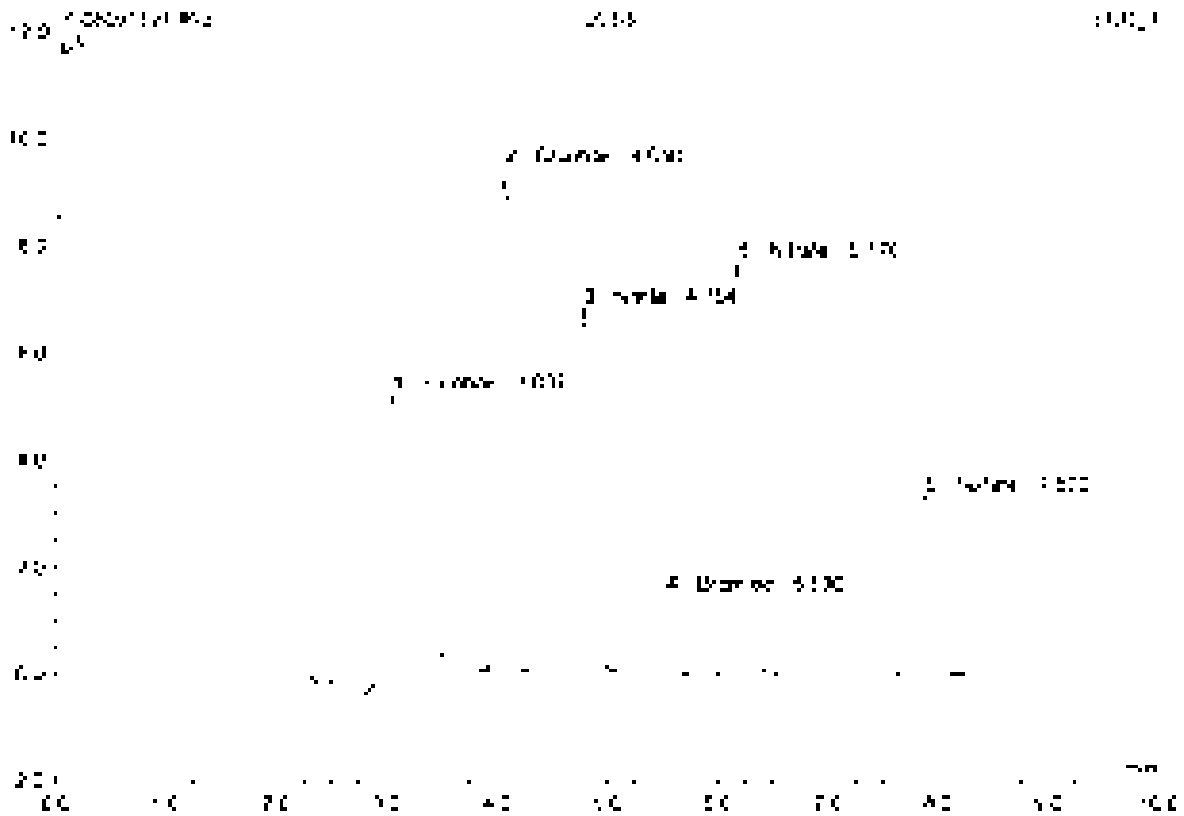
Sample Name	LCS3	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program:	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	[illegible]/2021 4:25	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.06	Fluoride	5.616	[illegible]	24.50	5.214	BMB*
2	4.05	Chloride	9.604	0.856	17.97	4.703	BMB*
3	4.76	Nitrite	6.817	0.836	18.32	2.451	BMB
4	5.53	Bromide	1.472	0.179	3.75	0.432	BMB
5	6.17	Nitrate	7.658	1.061	22.23	2.400	BMB
6	[illegible]	Sulfate	3.344	0.532	11.23	4.522	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

92 LCS3

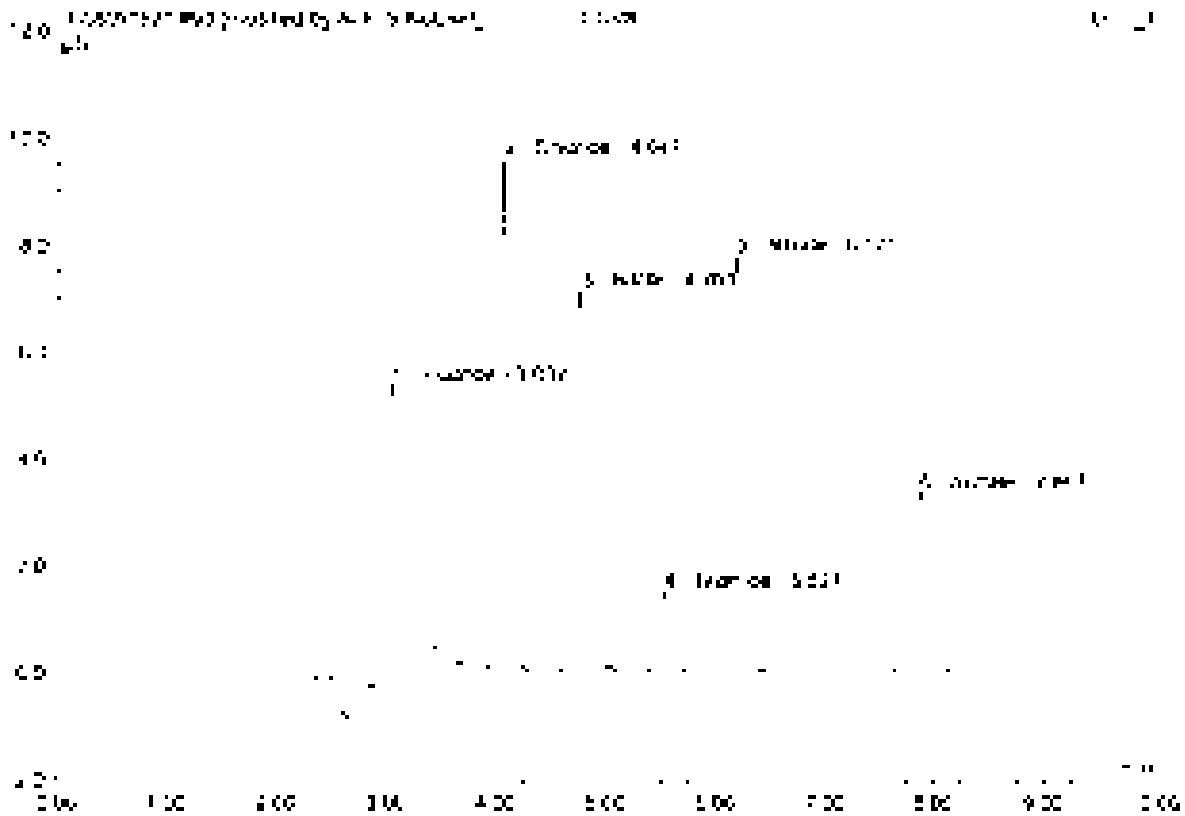
Sample Name	LCS3	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Control Method	wpa300	Dilution Factor	1.0000
Recording Time	9/16/2021 4:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	5.450	1.252	25.77	5.571	BMb
2	4.05	Chloride	9.404	0.859	17.67	4.703	bMB
3	4.76	Nitrite	6.817	0.875	18.02	2.451	BMB
4	5.60	Bromide	5.472	0.178	3.65	2.432	BMB
5	6.17	Nitrate	7.665	1.061	21.83	2.400	bMB
6	7.87	Sulfate	3.344	0.632	13.01	4.822	BMB
Total			34.155	4.859	100.00	22.479	

93 CCV8

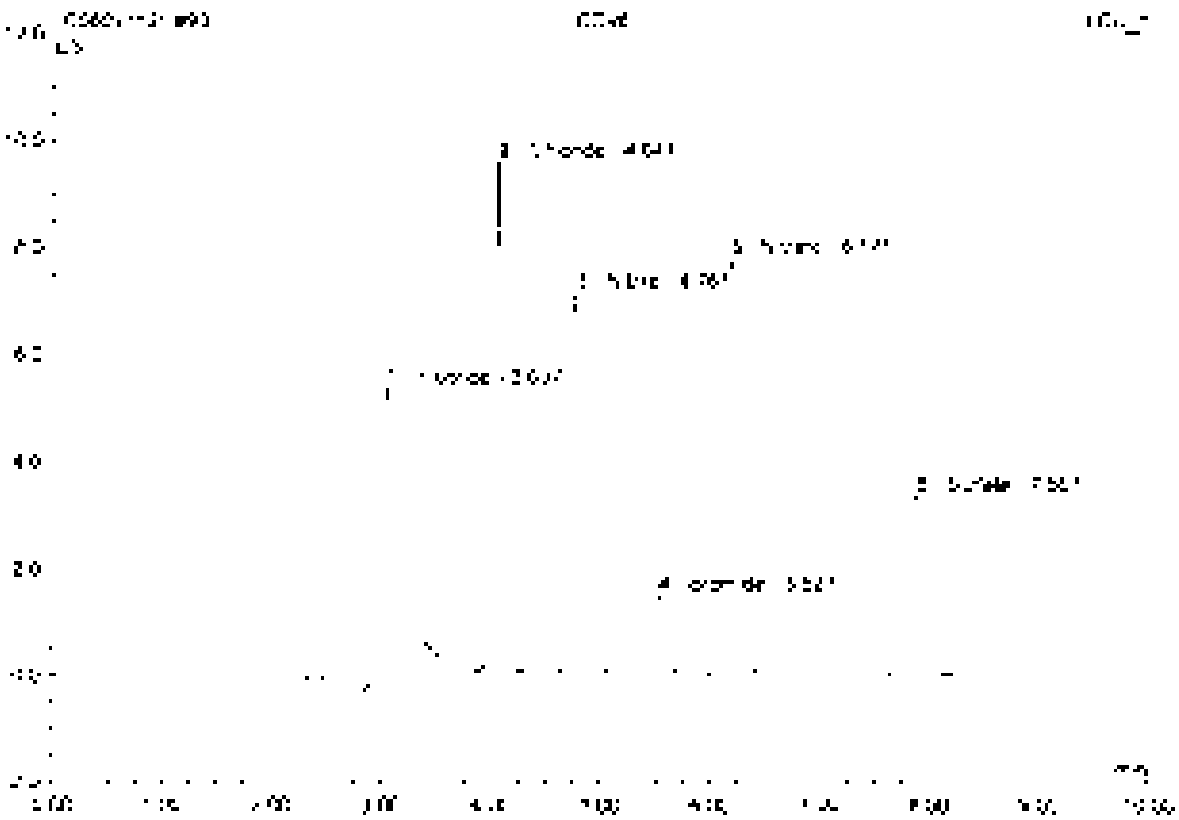
Sample Name	CCV8	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 4:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.04	Fluoride	5.541	1.156	24.52	5.291	BMB*
2	4.05	Chloride	9.555	0.968	17.99	4.753	BMB*
3	4.70	Nitrite	7.108	0.912	18.79	2.552	BMB
4	5.51	Bromide	1.482	0.180	3.71	2.442	BMB
5	6.17	Nitrate	7.777	1.070	22.65	2.420	BMB
6	7.27	Sulfate	3.368	0.633	13.04	4.925	BMB
Total:			34.789	4.851	100.00	22.383	

93 CCV8

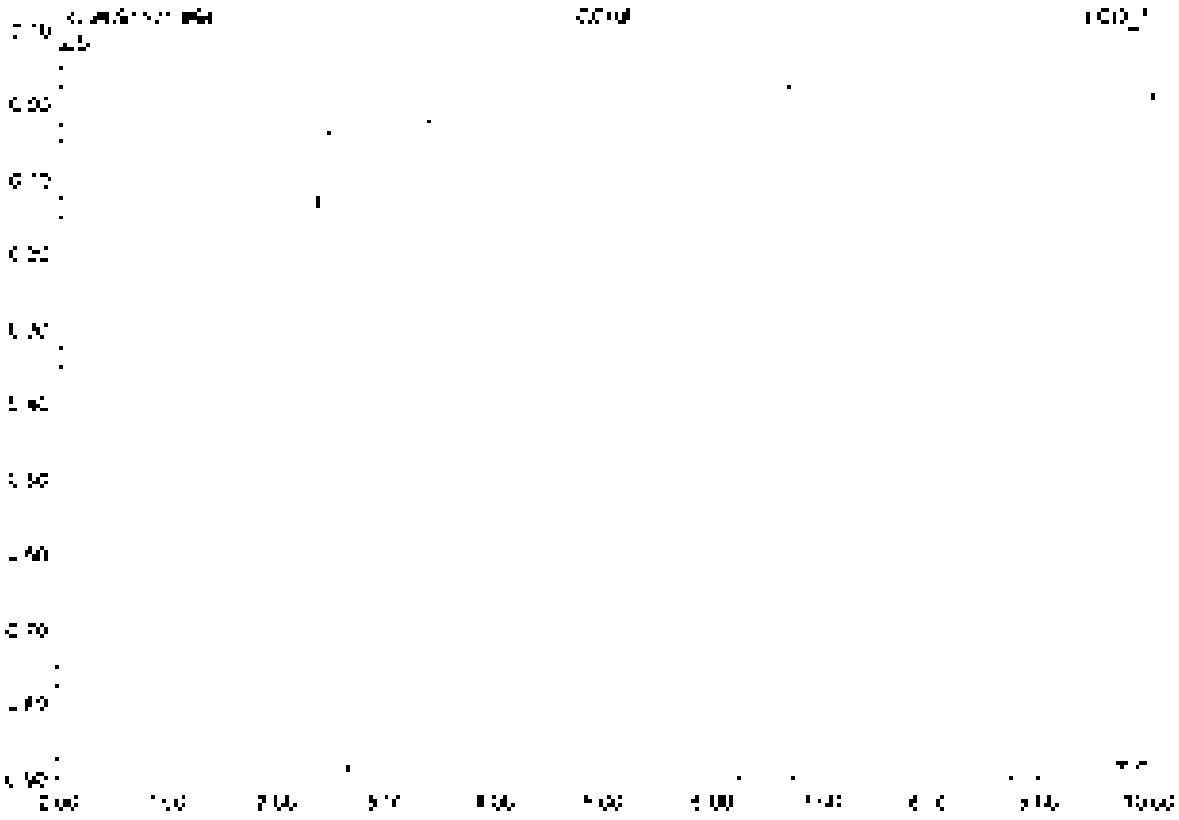
Sample Name	CCV8	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	9/16/2021 6:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.94	Fluoride	5.532	1.283	25.94	5.706	BMB
2	4.35	Chloride	9.575	3.568	72.15	4.753	BMB
3	4.76	Nitrite	7.106	0.912	18.44	2.532	BMB
4	5.53	Bromide	1.482	0.180	3.64	2.442	BMB
5	6.17	Nitrate	7.777	1.070	21.63	2.420	BMB
6	7.57	Sulfate	3.368	0.633	12.80	4.525	BMB
Total:			34.830	4.944	100.00	22.798	

94 CCB8

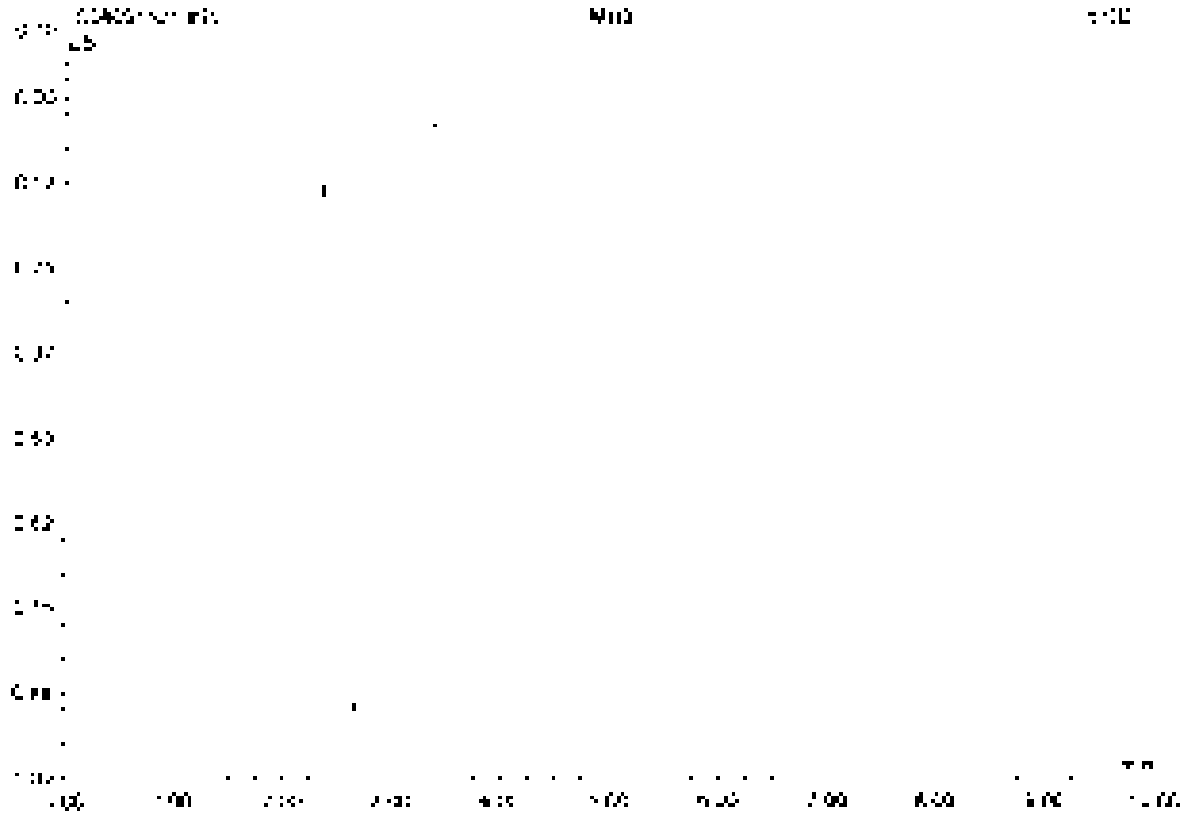
Sample Name	CCB8	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	8/16/2021 4:49	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

95 MB3

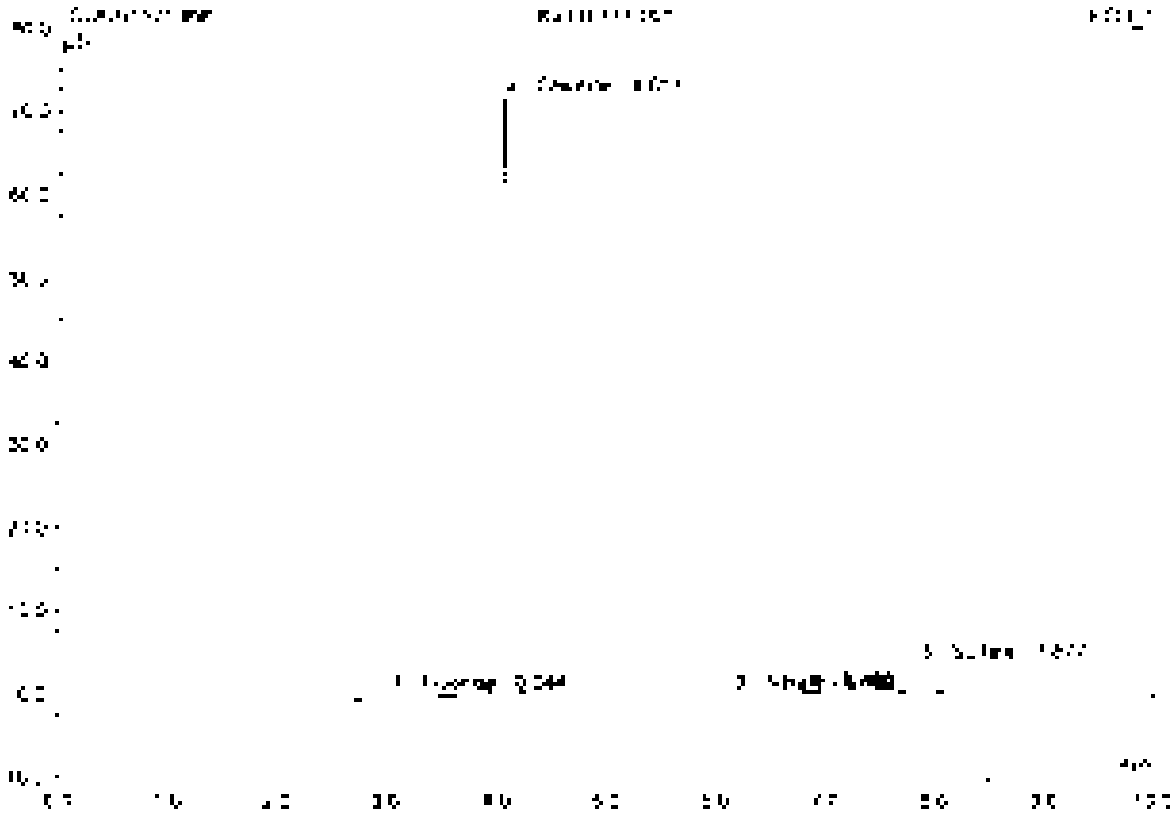
Sample Name	MB3	Injection Volume	20.0
Vial Number	1	Channel	ECD [illegible]
Sample Type	unknown	Attenuation	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Calibrat. Factor	1.0000
Recording Time	9/16/2021 [illegible]:01	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

96 K2110377-001

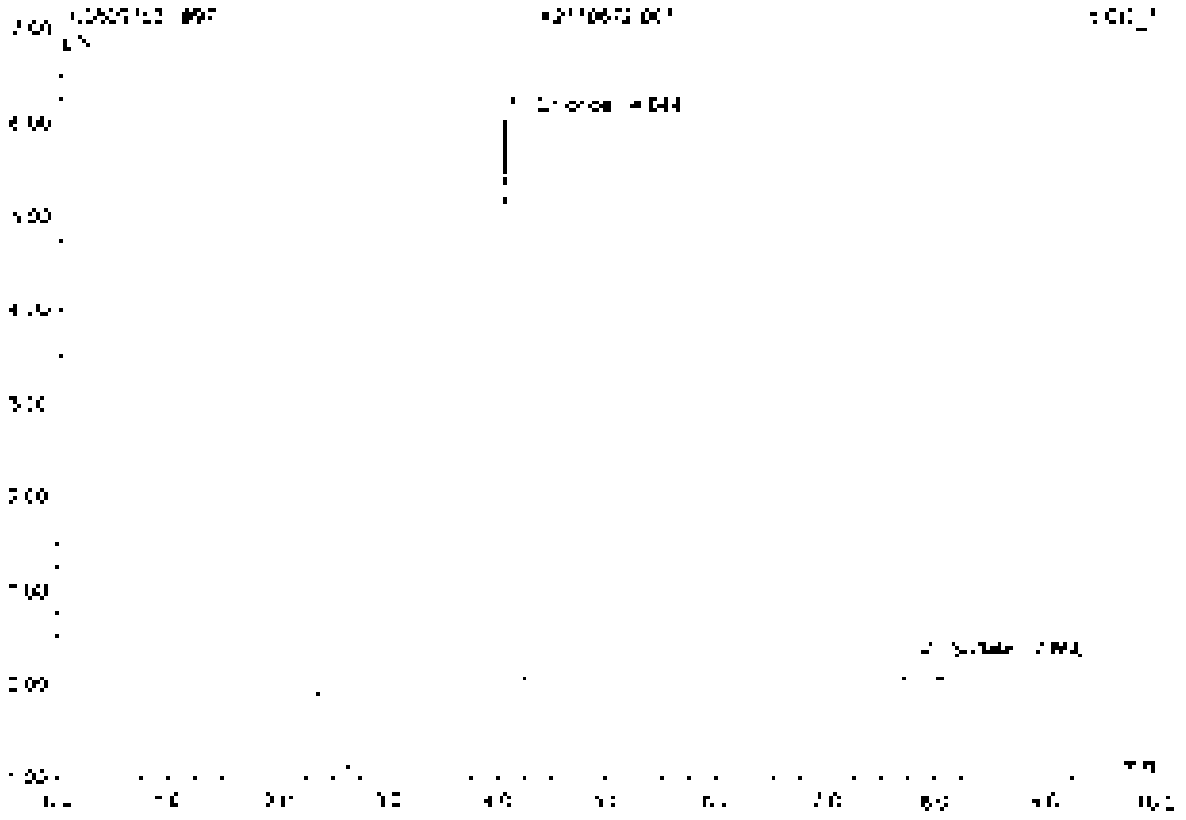
Sample Name	K2110377-001	Injection Volume	25.0
Vial Number	21	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	5.0000
Processing Time	9/16/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.34	Fluoride	0.577	0.366	4.94	8.128	BMB
2	4.30	Chloride	71.621	6.280	85.00	[illegible]	BVB
3	5.18	Nitrate	0.055	0.008	0.11	0.088	BMB
4	5.82	[illegible]	0.220	0.052	0.70	[illegible]	BMD
5	7.58	Sulfate	3.743	0.685	9.26	26.672	BMB
Total:			76.215	7.389	100.00	207.099	

97 K2110672-001

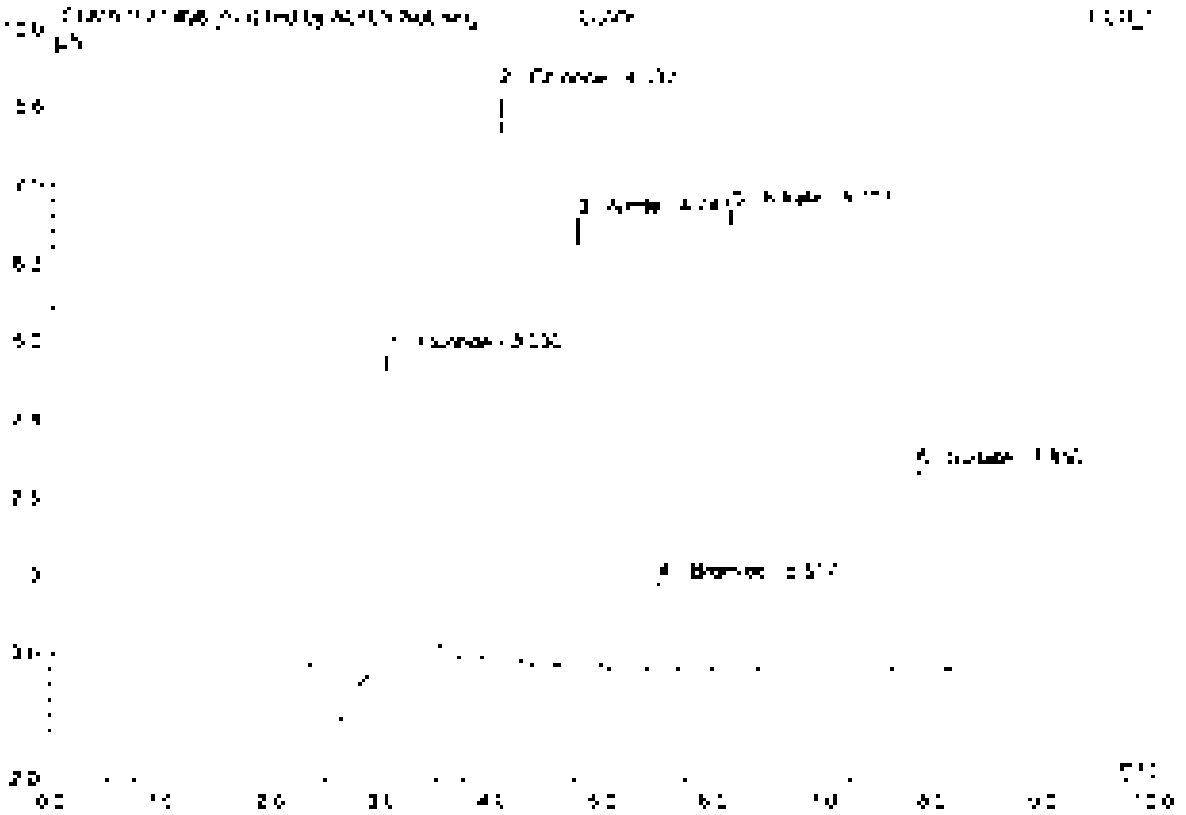
Sample Name	K2110672-001	Injection Volume	25.0
Vial Number	22	Digitizer	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	50.0000
Recording Time	3/18/2021 5:28	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.34	Chloride	6.335	0.555	92.58	151.974	BV8
2	7.86	Sulfate	0.770	0.043	7.42	16.549	BV9
Total:			6.755	0.597	100.00	168.422	

98 CCV9

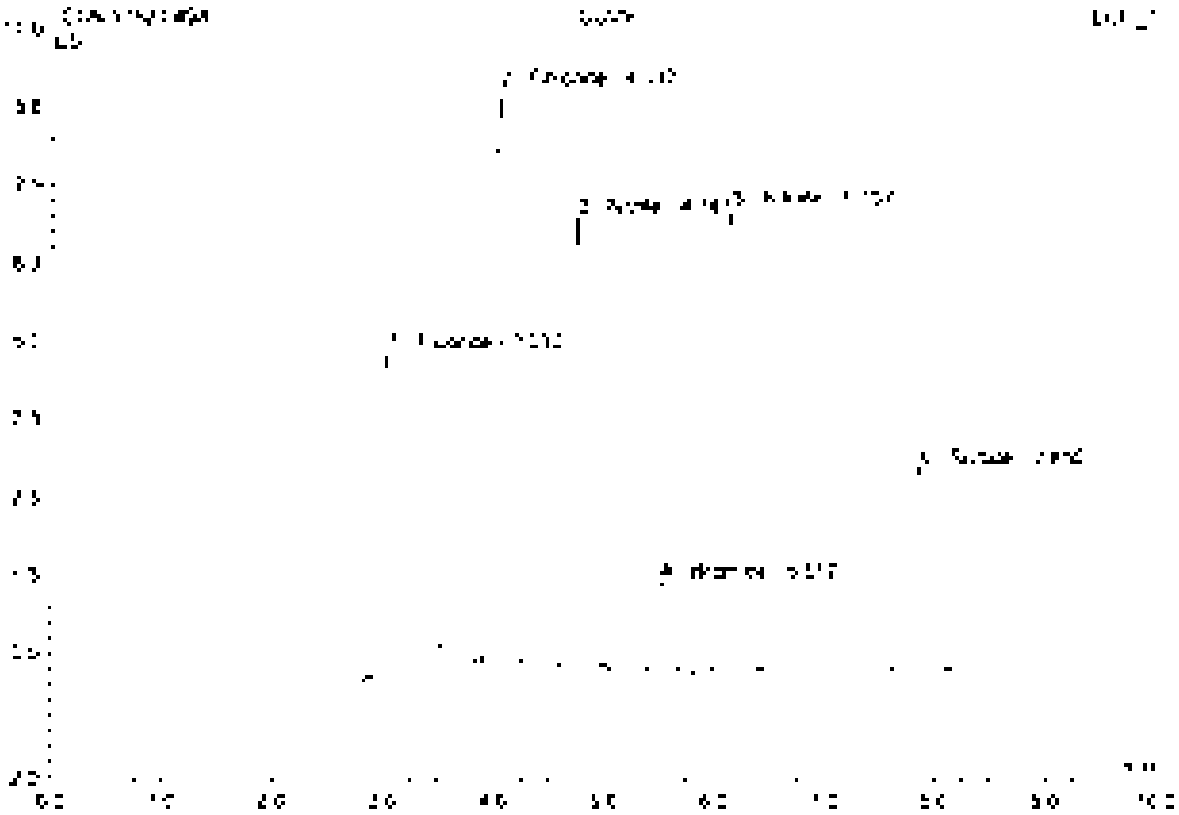
Sample Name	CCV9	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Column Program	epa300	Bandwidth	n.a.
Column Method	epa300	Dilution Factor	1.0000
Recording Time	9/16/2021 6:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.93	Fluoride	5.146	1.261	23.67	4.355	BMB*
2	4.34	Chloride	9.157	2.541	48.23	4.604	BMB*
3	4.75	Nitrite	5.204	0.330	6.19	2.472	BMB
4	5.52	Bromide	1.418	0.170	3.19	2.340	BMB
5	6.16	Nitrate	3.406	1.218	22.88	2.304	BMB
6	7.55	Sulfate	3.224	0.604	11.34	4.785	BMB
Total:			33.555	5.328	100.00	21.280	

98 CCV9

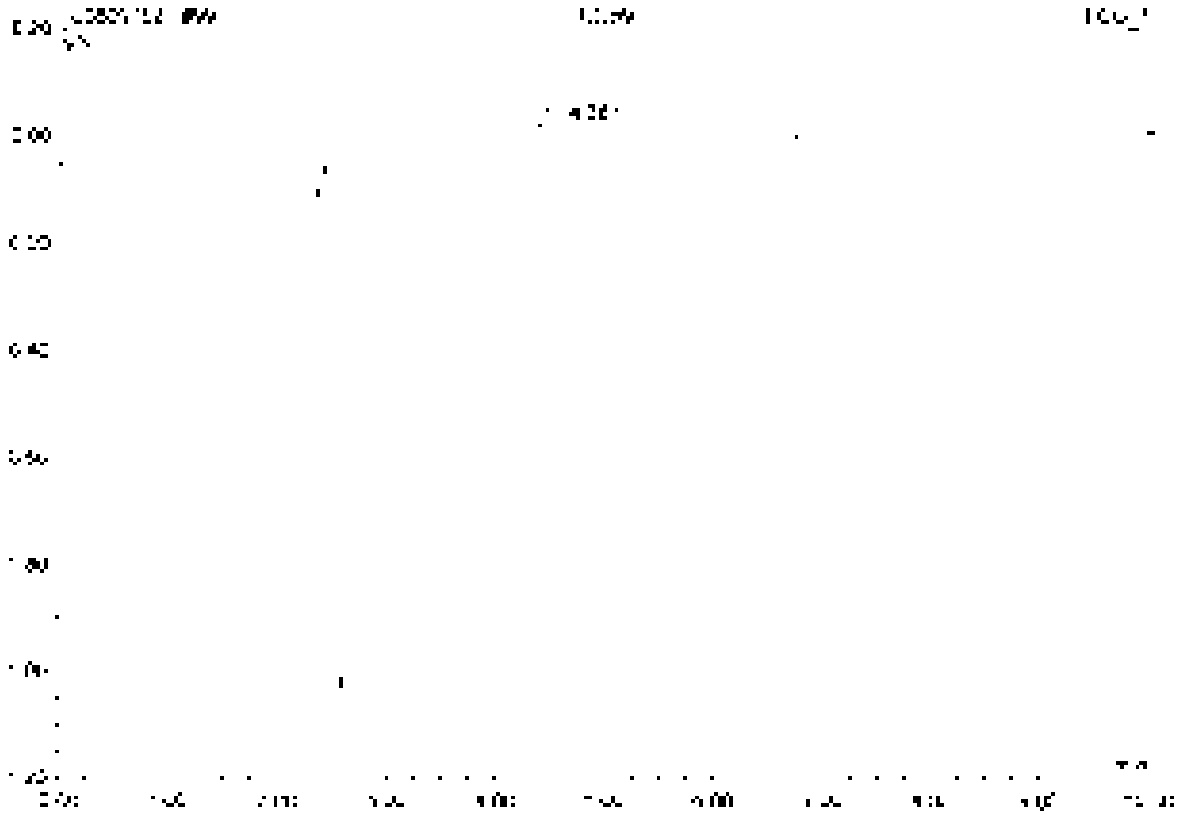
Sample Name	CCV9	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Original Program	epa300	Bandwidth	n.a.
Saved Method	epa300	Dilution Factor	1.0000
Recording Time	8/16/2021 5:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.33	Fluoride	5.174	[illegible].153	24.78	5.150	BMB
2	4.04	Chloride	9.150	6.837	17.90	4.587	BMB
3	4.75	Nitrite	7.204	6.881	18.90	2.472	BMB
4	5.52	Bromide	1.418	0.170	0.70	2.340	BMB
5	5.16	Nitrate	7.406	1.012	2[illegible].12	2.904	BMB
6	7.53	Sulfate	3.224	3.604	12.93	4.705	BMB
Total			33.576	4.673	100.00	21.554	

99 CCB9

Sample Name	CCB9	Injection Volume	25.0
Vial Number	#7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	[illegible]/2021 5:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.38	n.a.	0.502	3.674	100.00	n.a.	BV B
Total:			0.502	3.674	100.00	0.000	

	Yes	No	N/A
[illegible]			
1. [illegible]	[illegible]		
2. [illegible]	[illegible]	[illegible]	[illegible]
3. [illegible]	[illegible]		[illegible]
4. [illegible]	[illegible]	[illegible]	
5. [illegible]	[illegible]	[illegible]	[illegible]
a. Method Blanks, CCVs, CCBs, LCSs, [illegible]			
b. [illegible]	[illegible]	[illegible]	[illegible]
c. [illegible]	[illegible]	[illegible]	
d. [illegible]	[illegible]	[illegible]	
e. [illegible]			
6. [illegible]			

[illegible] Standard Certification Procedure and Acceptable Standards for Chromatograms

G1 Samples analyzed past the end of recommended holding time. See [illegible]
G2 Samples analyzed past the end of recommended holding time. [illegible] performed within recommended holding time
G4 Samples analyzed past the end of recommended holding time
[illegible]
[illegible]
[illegible]

LCS	AUG [illegible] 2[illegible] GEN 02	50A	Expires [illegible]
Fluoride	True Value = [illegible] ppm		[illegible]
Chloride	True Value = [illegible]		[illegible]
Nitrite	True Value = [illegible] ppm		[illegible]
Bromide	True Value = [illegible]		[illegible]
Nitrate	True Value = [illegible] ppm		[illegible]
Sulfate	True Value = [illegible]		[illegible]

CCV	AUG [illegible] 2[illegible] GEN 02	60M	Expires [illegible]
Fluoride	True Value = [illegible] ppm		[illegible]
Chloride	True Value = [illegible]		[illegible]
Nitrite	True Value = [illegible] ppm		[illegible]
Bromide	True Value = [illegible]		[illegible]
Nitrate	True Value = [illegible] ppm		[illegible]
Sulfate	True Value = [illegible]		[illegible]

Stock			
200 ppm	AUG [illegible] 2[illegible] GEN 02	60A	Expires [illegible]
Fluoride	[illegible]		
Chloride	[illegible]		
Nitrite	[illegible]		
Bromide	[illegible]		
Nitrate	[illegible]		
Sulfate	[illegible]		

Dilution	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	

Analyst [illegible] Date [illegible]

Peer Review [illegible] Date [illegible]

[illegible] Date [illegible]

[illegible]

Analytical Results Summary

Environment Name: [illegible] Analysis: [illegible] Analysis Lot: [illegible] Method Test code: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DF	MDL	RDL	% Rec	% RPD	Date Analyzed	QC?	Test
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]

* [illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Reference: [illegible]

Lab Code	Parent Analyte	DL	Parent Sample	Status	RPS Result	Sample Size	Final Result	RL	MDL	PQL	Qualifier	Qualifier	Date Analyzed	QC?	Tier
[illegible]	Sulfate	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Sulfate	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Sulfate	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Sulfate	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Sulfate	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Sulfate	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Nitrate as Nitrogen	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Nitrate as Nitrogen	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Nitrate	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Nitrate as Nitrogen	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Nitrate as Nitrogen	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Nitrate as Nitrogen	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Nitrate	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	Nitrate, Dissolved	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	Nitrate as Nitrogen	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	Nitrate	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	Nitrate, Dissolved	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	Nitrate	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	Nitrate, Dissolved	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	Nitrate as Nitrogen	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	Nitrate	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	Nitrate, Dissolved	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]

[illegible]

[illegible] [illegible] [illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Testcode: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Size	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Dup
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method/Protocol: [illegible]

Lab Code	Parent Analyte	QL	Parent Source	Status	Raw Result	Sample Amt.	Final Result	Dil	MDL	PQL	Sa Mass	Sa RSD	Date Analyzed	QC?	Lot
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Reference: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DF	MDL	PQL	% Rec	% Recov	Date Analyzed	QLT	Rep
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Textcode: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Fig
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

Log
Data source [illegible]
Location [illegible]
Total time [illegible] Started [illegible]
Samples [illegible] Last update [illegible]

No.	Name	Type	Vial	Inj. Vol.	Program	Method	Status	Inj. Date/Time
1	[illegible]	Standard	1	25.0	[illegible]	[illegible]	Finished	[illegible]
2	[illegible]	Standard	2	25.0	[illegible]	[illegible]	Finished	[illegible]
3	[illegible]	Standard	3	25.0	[illegible]	[illegible]	Finished	[illegible]
4	[illegible]	Standard	4	25.0	[illegible]	[illegible]	Finished	[illegible]
5	[illegible]	Standard	5	25.0	[illegible]	[illegible]	Finished	[illegible]
6	[illegible]	Standard	6	25.0	[illegible]	[illegible]	Finished	[illegible]
7	[illegible]	Standard	7	25.0	[illegible]	[illegible]	Finished	[illegible]
8	[illegible]	Standard	8	25.0	[illegible]	[illegible]	Finished	[illegible]
9	[illegible]	Unknown	46	25.0	[illegible]	[illegible]	Finished	[illegible]
10	[illegible]	Unknown	47	25.0	[illegible]	[illegible]	Finished	[illegible]
11	[illegible]	Unknown	2	25.0	[illegible]	[illegible]	Finished	[illegible]
12	[illegible]	Unknown	1	25.0	[illegible]	[illegible]	Finished	[illegible]
13	[illegible]	Unknown	3	25.0	[illegible]	[illegible]	Finished	[illegible]
14	[illegible]	Unknown	4	25.0	[illegible]	[illegible]	Finished	[illegible]
15	[illegible]	Unknown	5	25.0	[illegible]	[illegible]	Finished	[illegible]
16	[illegible]	Unknown	6	25.0	[illegible]	[illegible]	Finished	[illegible]
17	[illegible]	Unknown	7	25.0	[illegible]	[illegible]	Finished	[illegible]
18	[illegible]	Unknown	8	25.0	[illegible]	[illegible]	Finished	[illegible]
19	[illegible]	Unknown	9	25.0	[illegible]	[illegible]	Finished	[illegible]
20	[illegible]	Unknown	10	25.0	[illegible]	[illegible]	Finished	[illegible]
21	[illegible]	Unknown	48	25.0	[illegible]	[illegible]	Finished	[illegible]
22	[illegible]	Unknown	49	25.0	[illegible]	[illegible]	Finished	[illegible]
23	[illegible]	Unknown	11	25.0	[illegible]	[illegible]	Finished	[illegible]
24	[illegible]	Unknown	11	25.0	[illegible]	[illegible]	Finished	[illegible]
25	[illegible]	Unknown	12	25.0	[illegible]	[illegible]	Finished	[illegible]
26	[illegible]	Unknown	13	25.0	[illegible]	[illegible]	Finished	[illegible]
27	[illegible]	Unknown	14	25.0	[illegible]	[illegible]	Finished	[illegible]
28	[illegible]	Unknown	15	25.0	[illegible]	[illegible]	Finished	[illegible]
29	[illegible]	Unknown	16	25.0	[illegible]	[illegible]	Finished	[illegible]
30	[illegible]	Unknown	17	25.0	[illegible]	[illegible]	Finished	[illegible]
31	[illegible]	Unknown	18	25.0	[illegible]	[illegible]	Finished	[illegible]
32	[illegible]	Unknown	19	25.0	[illegible]	[illegible]	Finished	[illegible]
33	[illegible]	Unknown	20	25.0	[illegible]	[illegible]	Finished	[illegible]
34	[illegible]	Unknown	46	25.0	[illegible]	[illegible]	Finished	[illegible]
35	[illegible]	Unknown	47	25.0	[illegible]	[illegible]	Finished	[illegible]
36	[illegible]	Unknown	21	25.0	[illegible]	[illegible]	Finished	[illegible]
37	[illegible]	Unknown	22	25.0	[illegible]	[illegible]	Finished	[illegible]
38	[illegible]	Unknown	23	25.0	[illegible]	[illegible]	Finished	[illegible]
39	[illegible]	Unknown	24	25.0	[illegible]	[illegible]	Finished	[illegible]
40	[illegible]	Unknown	25	25.0	[illegible]	[illegible]	Finished	[illegible]
41	[illegible]	Unknown	26	25.0	[illegible]	[illegible]	Finished	[illegible]
42	[illegible]	Unknown	27	25.0	[illegible]	[illegible]	Finished	[illegible]

Operator

File

Description

Comment

Timestamp

Signature

Last Operator

No.	Name	ID	Factor	Comment
1	STD1 LVL1		1.0000	[illegible]
2	STD2 LVL2		1.0000	[illegible]
3	STD3 LVL3		1.0000	[illegible]
4	STD4 LVL4		1.0000	[illegible]
5	STD5 LVL5		1.0000	[illegible]
6	STD6 LVL6		1.0000	[illegible]
7	STD7 LVL7		1.0000	[illegible]
8	STD8 LVL8		1.0000	[illegible]
9	CCV1		0.000	
10	CCB1		1.000	
11	LCS1		1.000	
12	MB1		1.000	
13	K2[illegible]		2.0000	
14	K2[illegible]		2.0000	
15	K2[illegible]		2.0000	
16	K2[illegible]		4.0000	
17	K2[illegible]		4.0000	
18	K2[illegible]		2.0000	
19	K2[illegible]		2.0000	
20	K2[illegible]		2.0000	
21	CCV2		1.0000	
22	CCB2		1.000	
23	[illegible]		1.0000	[illegible]
24	[illegible]		1.0000	[illegible]
25	[illegible]		1.0000	[illegible]
26	[illegible]		1.0000	[illegible]
27	K2[illegible]		40.0000	
28	K2[illegible]		100.0000	
29	K2[illegible]		40.0000	
30	K2[illegible]		100.0000	
31	K2[illegible]		40.0000	
32	K2[illegible]		2.0000	
33	CCV3		1.0000	
34	CCB3		1.0000	
35	K2[illegible]		5.0000	
36	K2[illegible]		2.0000	
37	K2[illegible]		2.0000	
38	K2[illegible]		4.0000	
39	K2[illegible]		4.0000	
40	K2[illegible]		20.0000	
41	K2[illegible]		10.0000	
42	K2[illegible]		10.0000	

File
Description [illegible]
Location [illegible]
Transfer [illegible] Created [illegible] by [illegible]
Filter [illegible] Last Update [illegible]

Rec	Name	Type	Rec	Ver	Program	Method	Status	Date/Time
[illegible]	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]

Serial No [illegible]
Operator [illegible]
Type
Description [illegible]
Location [illegible]
Tag/Equip [illegible]
Manufacturer [illegible]

Created [illegible]
Last Update [illegible]

Inc	Name	Qty	Master	Comment
43	[illegible]	[illegible]		
44	[illegible]	[illegible]		
45	[illegible]	[illegible]		
46	[illegible]	[illegible]		
47	[illegible]	[illegible]		
48	[illegible]	[illegible]		
49	[illegible]	[illegible]		
50	[illegible]	[illegible]		
51	[illegible]	[illegible]		
52	[illegible]	[illegible]		
53	[illegible]	[illegible]		
54	[illegible]	[illegible]		
55	[illegible]	[illegible]		
56	[illegible]	[illegible]		
57	[illegible]	[illegible]		
58	[illegible]	[illegible]		
59	[illegible]	[illegible]		
60	[illegible]	[illegible]		
61	[illegible]	[illegible]		
62	[illegible]	[illegible]		
63	[illegible]	[illegible]		
64	[illegible]	[illegible]		
65	[illegible]	[illegible]		
66	[illegible]	[illegible]		
67	[illegible]	[illegible]		
68	[illegible]	[illegible]		
69	[illegible]	[illegible]		
70	[illegible]	[illegible]		
71	[illegible]	[illegible]		
72	[illegible]	[illegible]		
73	[illegible]	[illegible]		
74	[illegible]	[illegible]		
75	[illegible]	[illegible]		
76	[illegible]	[illegible]		
77	[illegible]	[illegible]		
78	[illegible]	[illegible]		
79	[illegible]	[illegible]		
80	[illegible]	[illegible]		
81	[illegible]	[illegible]		
82	[illegible]	[illegible]		

[illegible] Corporation [illegible]

Service Required	Check/Notes/Other	Action	1st Dil	2nd Dil	Results	Done
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				

Sequence

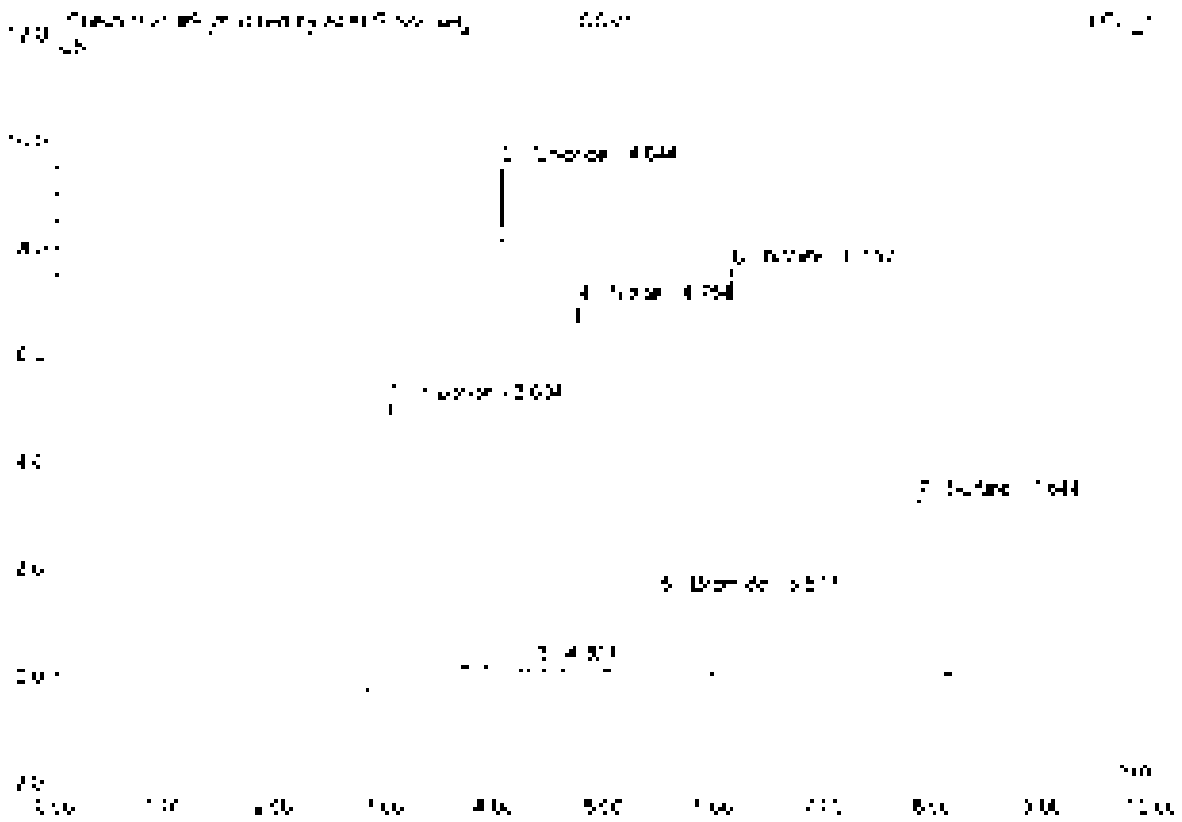
Name

Instructions (Required)	Chem (Required/Hyp)	Answer	1st Det	2nd Det	Reasonably	Doubt
		F Cl NO3 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				

Service Required	Check Notes/Time	Anion	1st Det	2nd Det	Recovery	Done
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				

9 CCV1

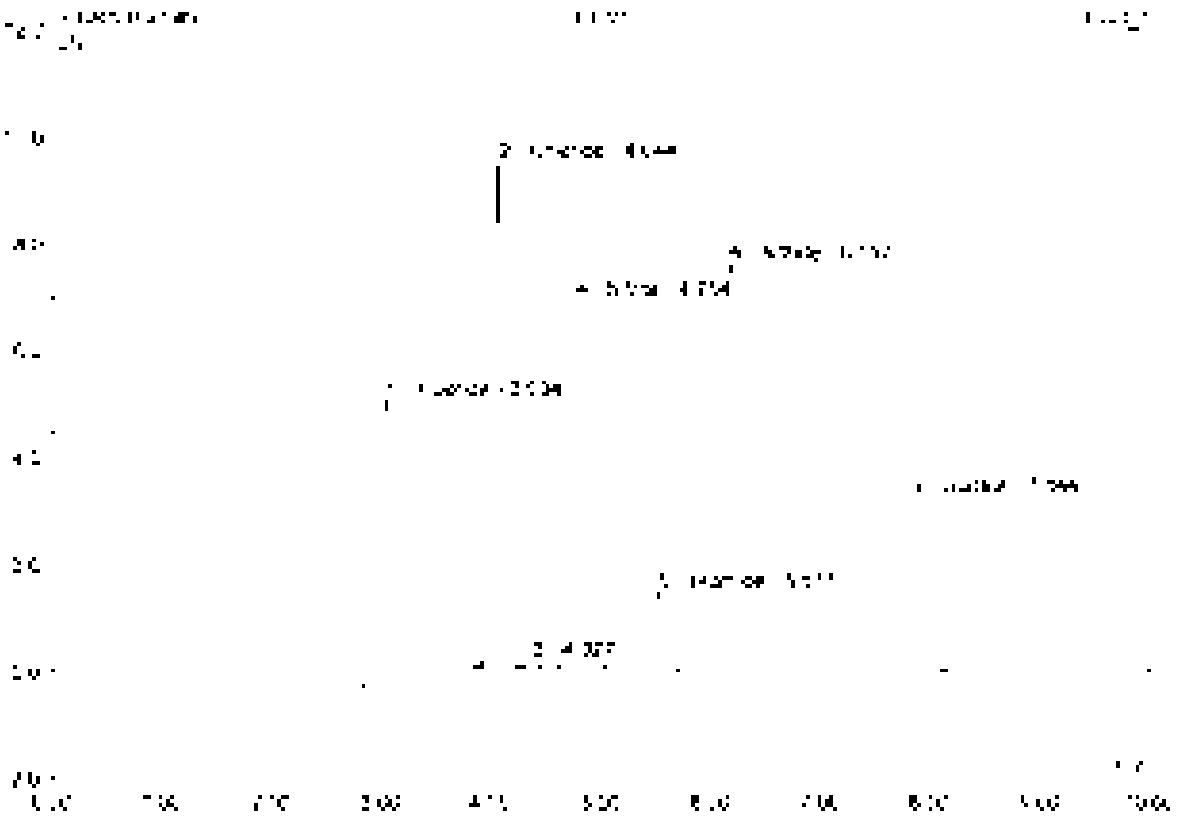
Sample Name	CCV1	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	[illegible] 14:00	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.33	Fluoride	5.202	[illegible]	24.44	5.165	BMB*
2	4.04	Chloride	9.43[illegible]	8.658	38.07	4.702	BMB*
3	4.38	[illegible]	0.138	0.010	0.27	[illegible]	BMB
4	4.75	Nitrite	6.885	3.664	16.51	2.476	BMB
5	5.52	Bromide	1.462	3.172	3.74	2.406	BMB
6	6.16	Nitrate	7.006	1.044	2[illegible].97	2.303	BMB
7	7.64	Sulfate	3.287	2.8[illegible]3	12.90	4.270	BMB
Total:			34.042	4.75[illegible]	100.00	21.880	

9 CCV1

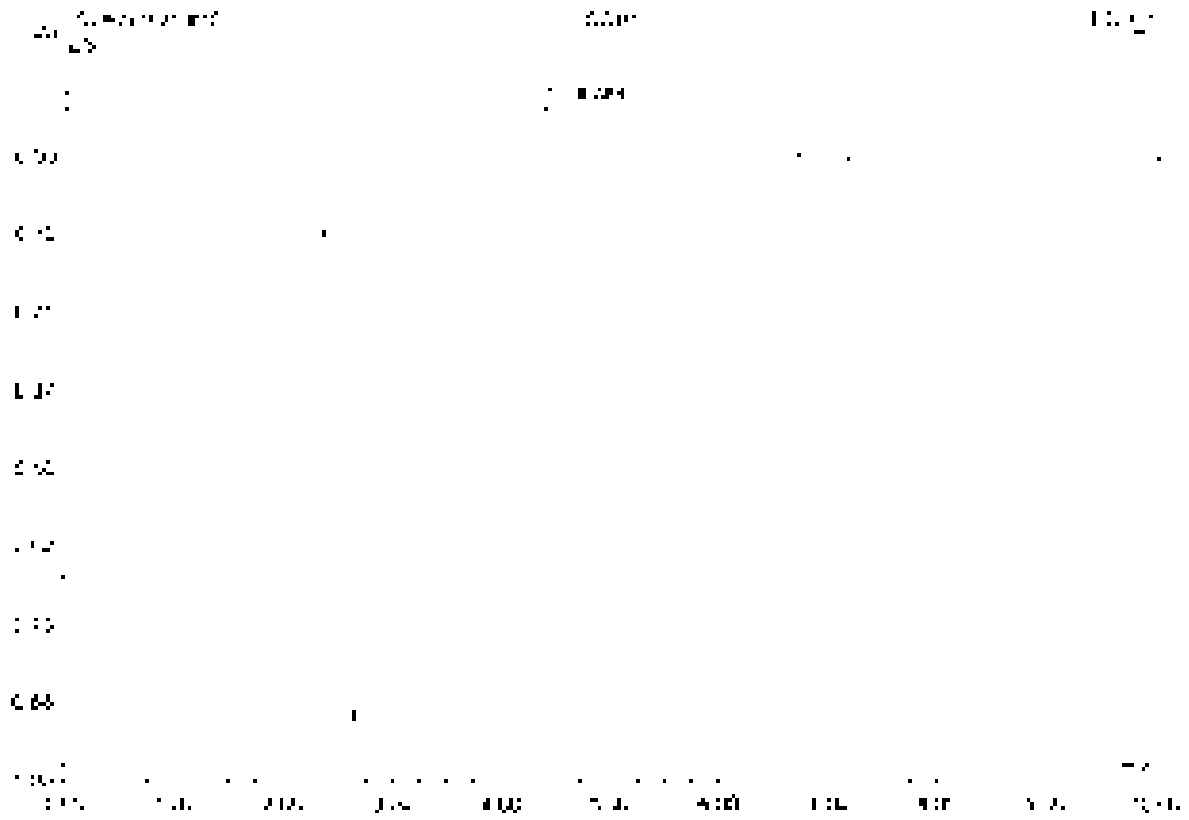
Sample Name	CCV1	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	9/16/2021 14:00	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	5.293	1.212	25.25	5.393	BMB
2	4.04	Chloride	5.431	0.858	17.87	4.702	BMB
3	4.36	n.a.	0.134	0.013	0.27	n.a.	BMB
4	4.75	Nitrite	5.555	0.884	18.41	2.476	BMB
5	5.52	Bromide	1.462	0.172	3.58	2.436	BMB
6	6.10	Nitrate	7.604	1.044	21.74	2.363	BMB
7	7.64	Sulfate	3.203	0.613	12.76	4.370	BMB
Total:			34.683	4.802	100.00	22.109	

10 CCB1

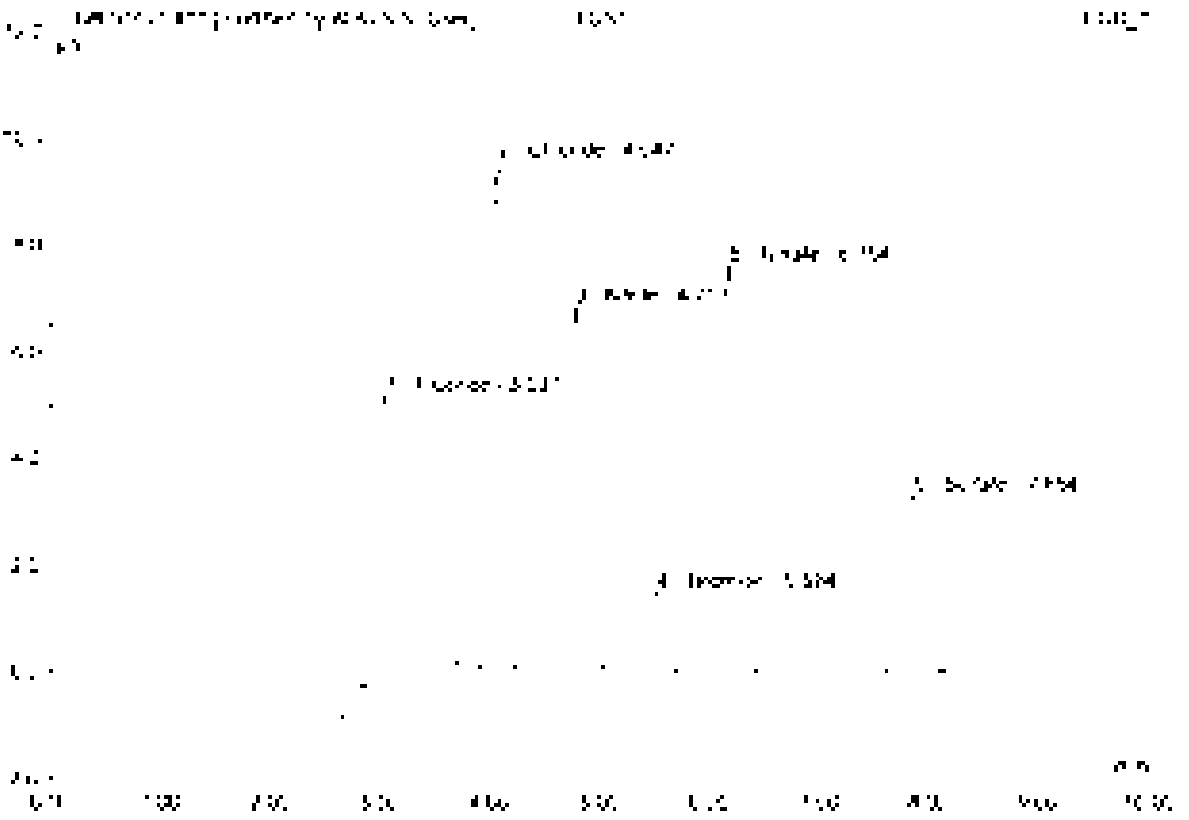
Sample Name	CCB1	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Processing Time	5/18/2021 14:11	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.08	n.a.	0.543	1.873	100.00	n.a.	UVV
Total:			0.543	1.873	100.00	0.000	

11 LCS1

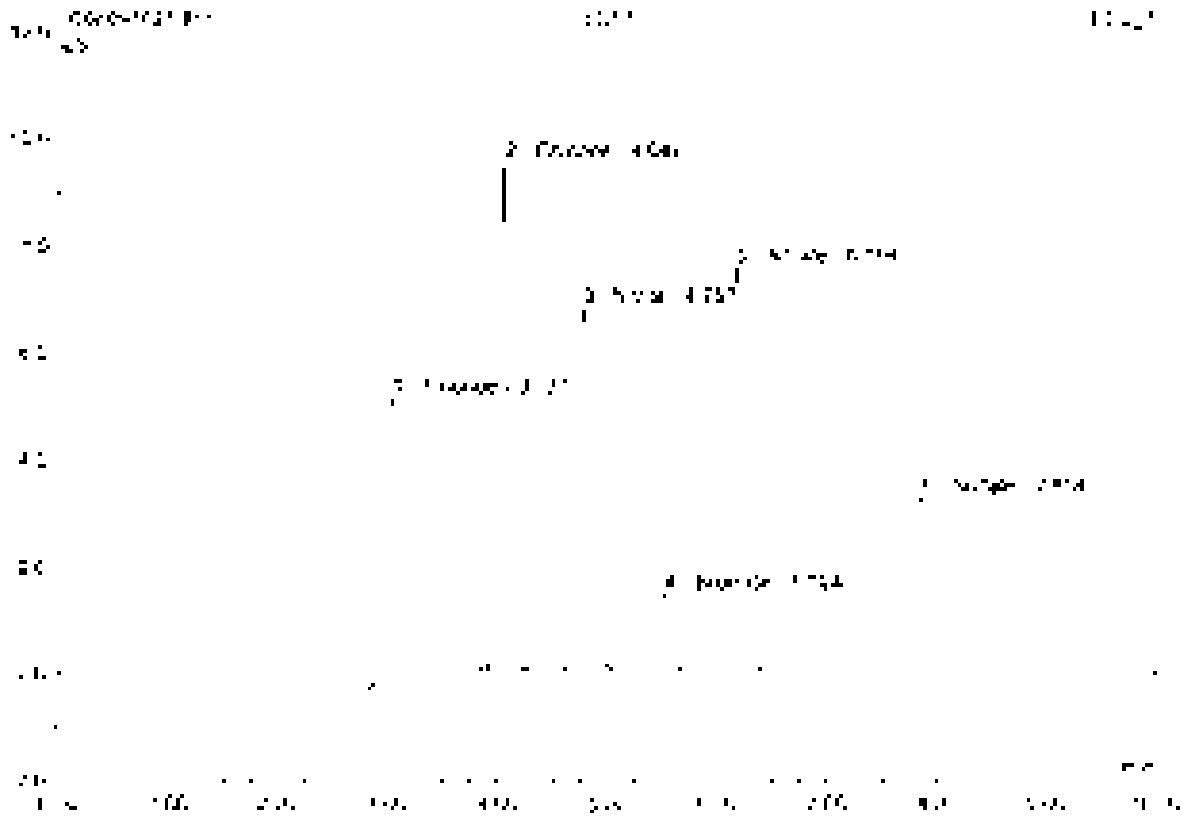
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n/a
Control Program	epa300	Bandwidth	n/a
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	8/16/2021 14:23	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	5.345	[illegible]	24.47	5.153	BV9F
2	4.05	Chloride	5.475	0.852	19.22	4.723	BV9F
3	4.76	Nitrite	6.796	0.874	19.47	2.545	BM0
4	5.52	Bromide	[illegible]	0.179	3.79	2.420	BM0
5	6.15	Nitrate	7.588	[illegible]	22.02	2.396	BV9
6	[illegible]	Sulfate	3.296	0.517	13.04	6.506	BV9
Total:			33.977	4.734	100.00	21.918	

11 LCS1

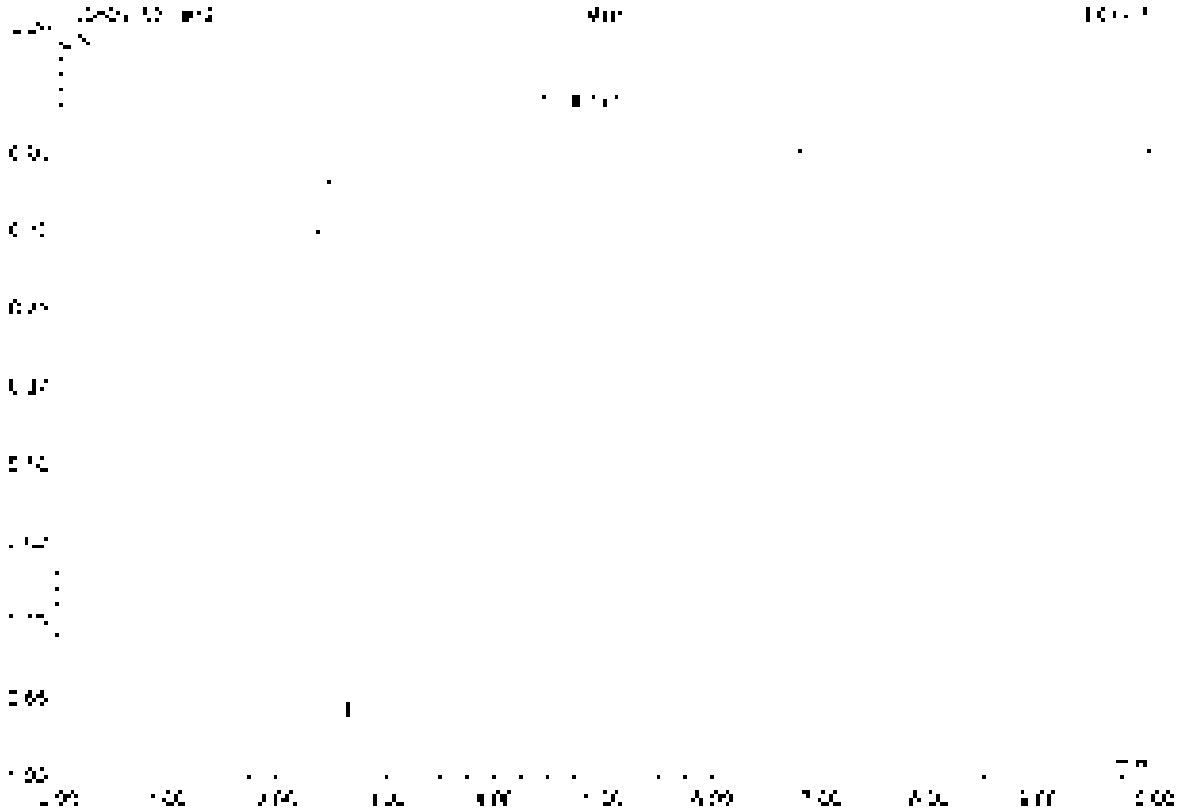
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Original	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Original Method	epa300	Dilution Factor	1.0000
Analysis Time	8/16/2023 14:23	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.08	Fluoride	5.377	1.231	25.00	5.474	BMB
2	4.05	Chloride	[illegible]	0.862	17.51	4.723	BVB
3	4.76	Nitrite	6.756	0.874	18.19	2.446	BVB
4	5.52	Bromide	[illegible]	0.179	3.72	2.430	BVB
5	6.15	Nitrate	7.555	1.042	21.65	2.359	BVB
6	7.85	Sulfate	3.299	0.617	12.84	4.836	BVB
Total:			34.302	4.806	100.00	22.240	

12 MB1

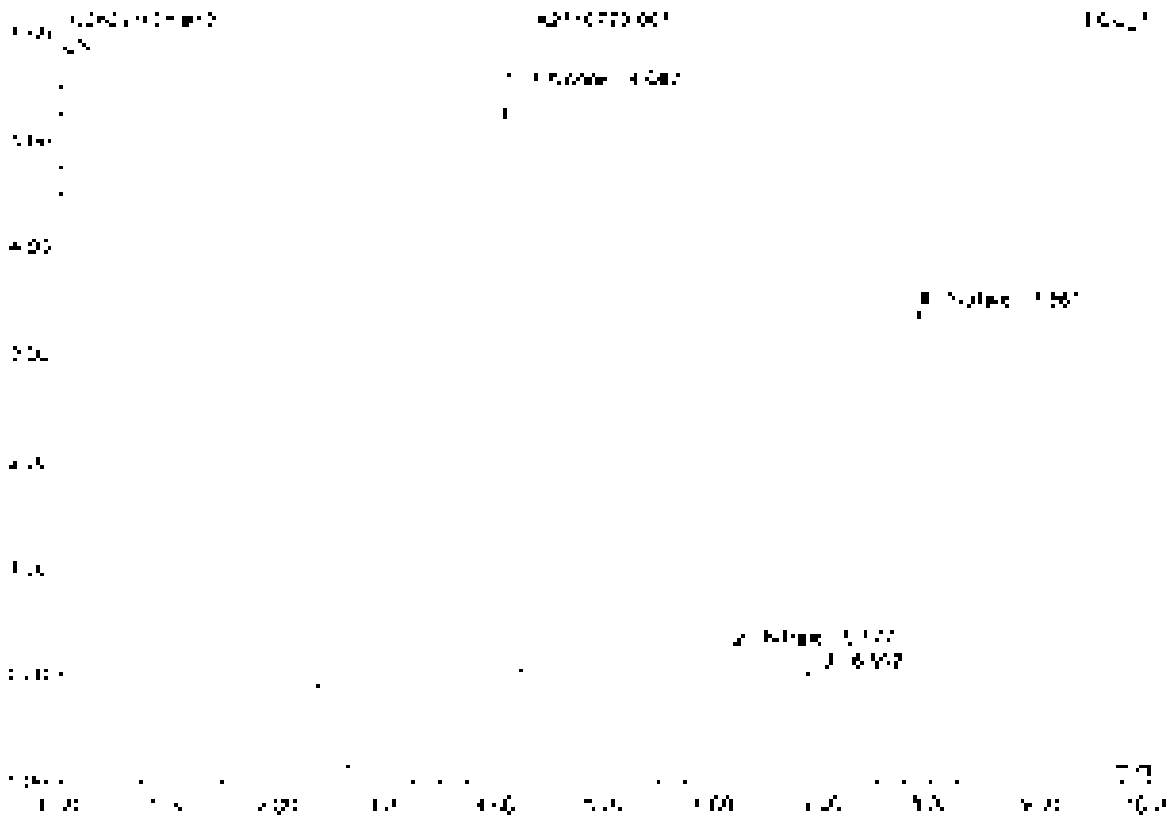
Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	5/18/2021 14:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	n.a.	[illegible]	[illegible]	100.00	n.a.	BMB
Total:			[illegible]	[illegible]	100.00	0.000	

13 K2110773-001

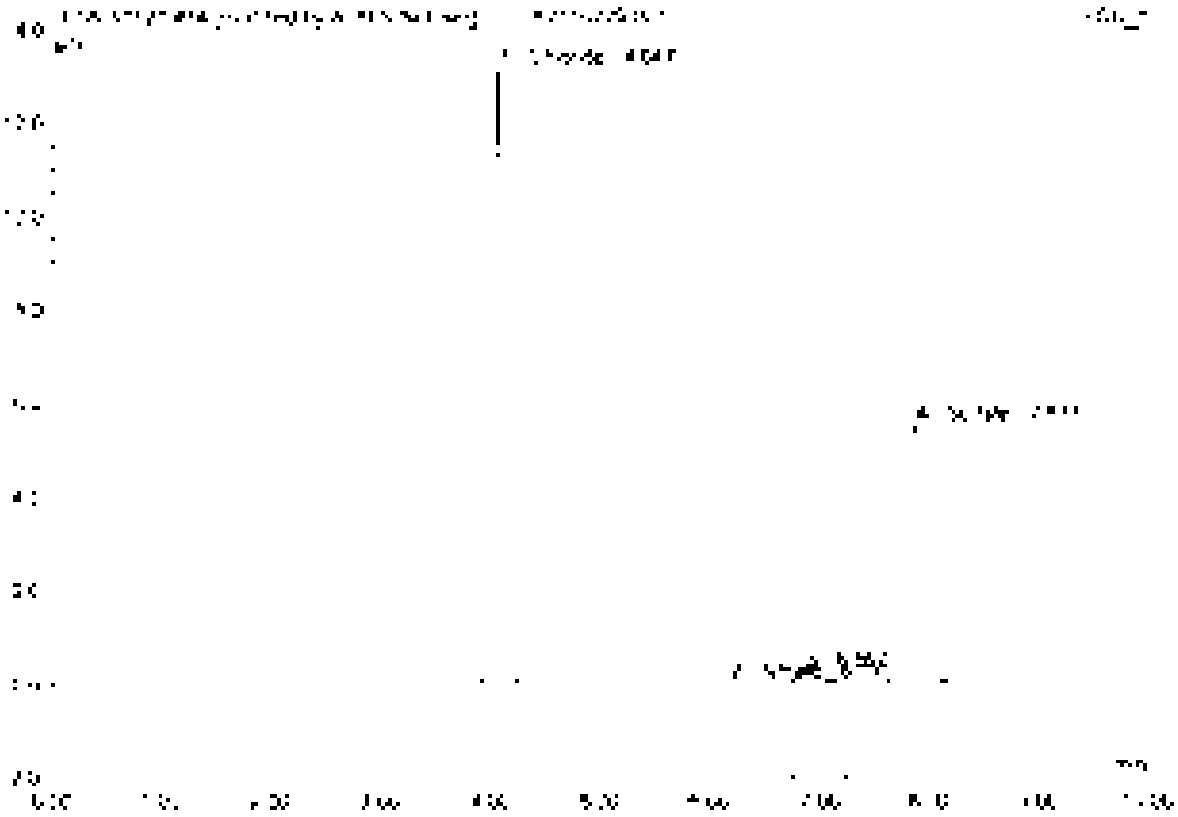
Sample Name	K2110773-001	Injection Volume	25.0
Vial Number	3	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	2.0000
Processing Time	9/16/2021 14:46	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	5.450	0.103	41.08	5.513	BMB
2	6.18	Nitrate	0.251	0.034	2.88	0.152	BMB
3	7.30	n.a.	0.071	0.006	0.53	n.a.	BV3
4	7.80	Sulfate	3.393	0.525	53.51	9.733	BV3
Total:			9.115	1.158	100.00	15.399	

14 K2110779-001

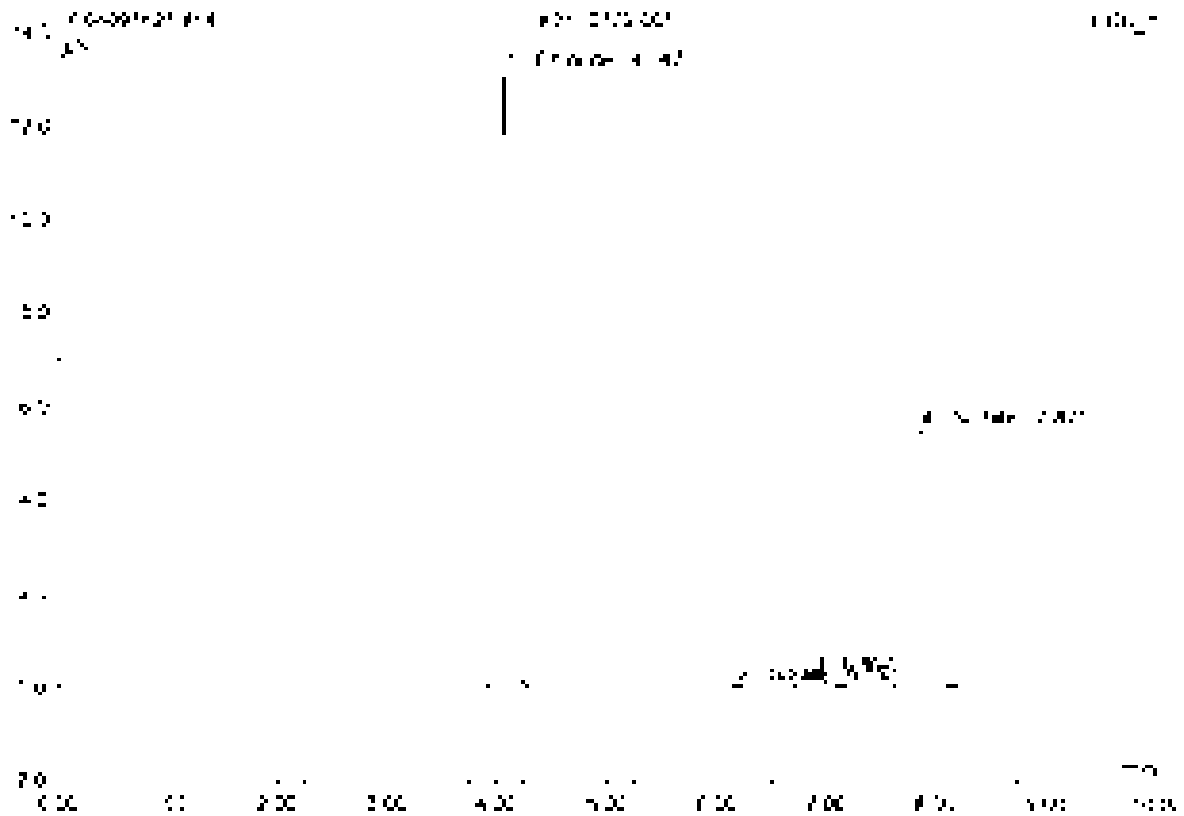
Sample Name	K2110779-001	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Suppressor	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	9/16/2021 14:57	Sample Weight	1.0000
Run Time (max.)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	13.147	1.202	52.27	13.163	BMB
2	5.13	Nitrate	0.034	0.005	0.21	0.022	BMB*
3	6.87	n.a.	0.065	0.060	2.66	n.a.	BMB
4	7.87	Sulfate	5.527	0.959	42.86	15.403	BMB
Total:			18.966	2.236	100.00	28.588	

14 K2110779-001

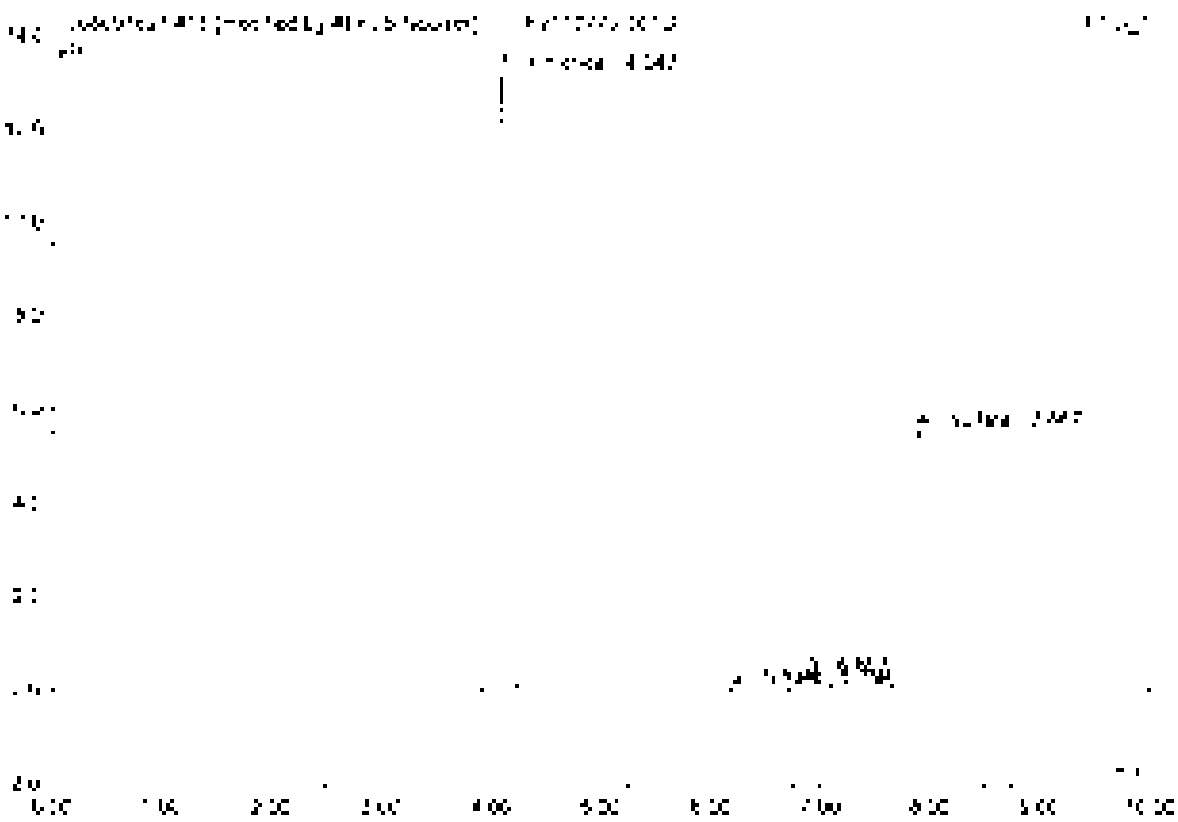
Sample Name	K2110779-001	Injection Volume	25.0
Vial Number	4	Channel	LCD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	2.0000
Processing Time	5/18/2021 14:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.65	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	n.a.	BMB
4	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

15 K2110779-001D

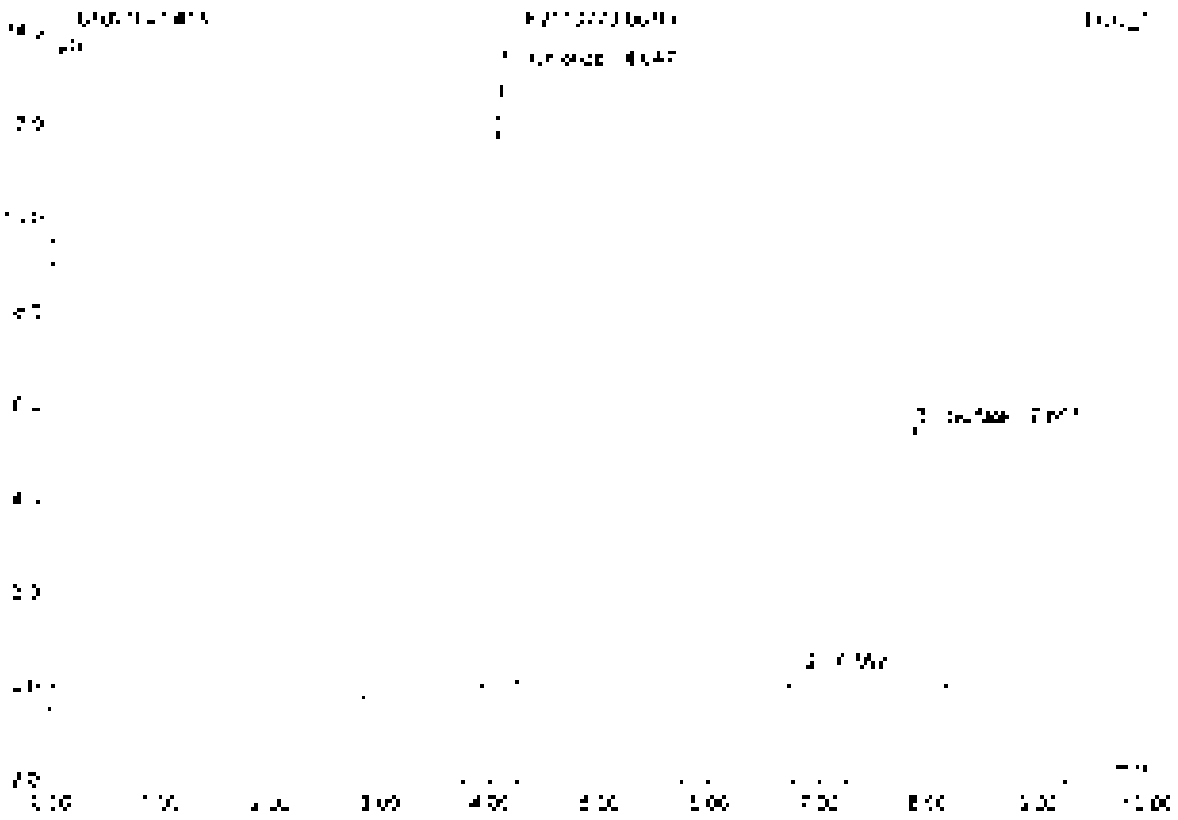
Sample Name	K2110779-001D	Injection Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Service Engineer	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Acquisition Time	9/15/2021 15:09	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	[illegible]	[illegible]	53.40	[illegible]	BMB
2	6.19	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BVB
3	6.87	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BVB
4	7.87	Sulfate	[illegible]	[illegible]	40.75	[illegible]	BVB
Total:			[illegible]	[illegible]	100.00	[illegible]	

15 K2110779-001D

Sample Name	K2110779-001D	Injection Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Source Program	epa300	Bandwidth	n.a.
Source Method	epa300	Dilution Factor	2.0000
Acquisition Time	9/15/2021 15:09	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



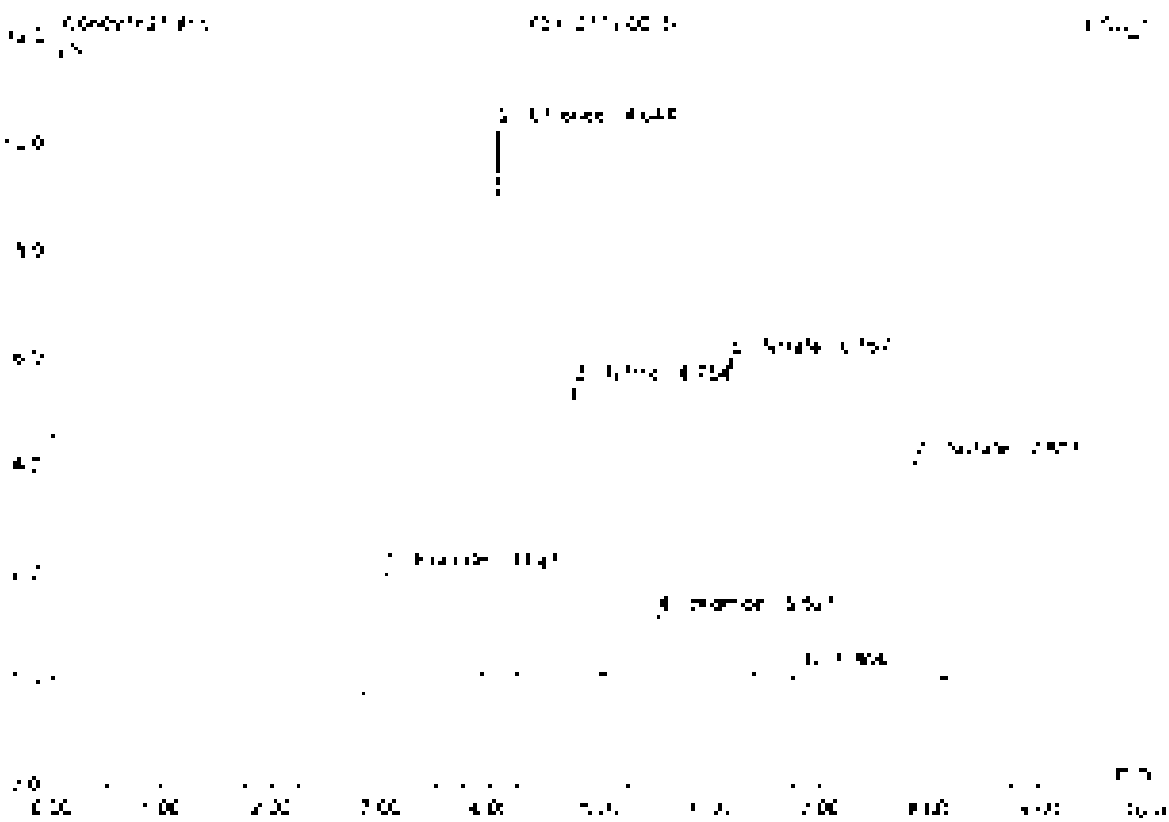
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chlordane	[illegible]	[illegible]	52.51	[illegible]	BVR
2	6.84	n.a.	0.265	0.360	2.55	n.a.	BMB
3	[illegible]	Surrogate	[illegible]	[illegible]	43.84	[illegible]	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

[illegible]

[illegible]

16 K2110779-001S

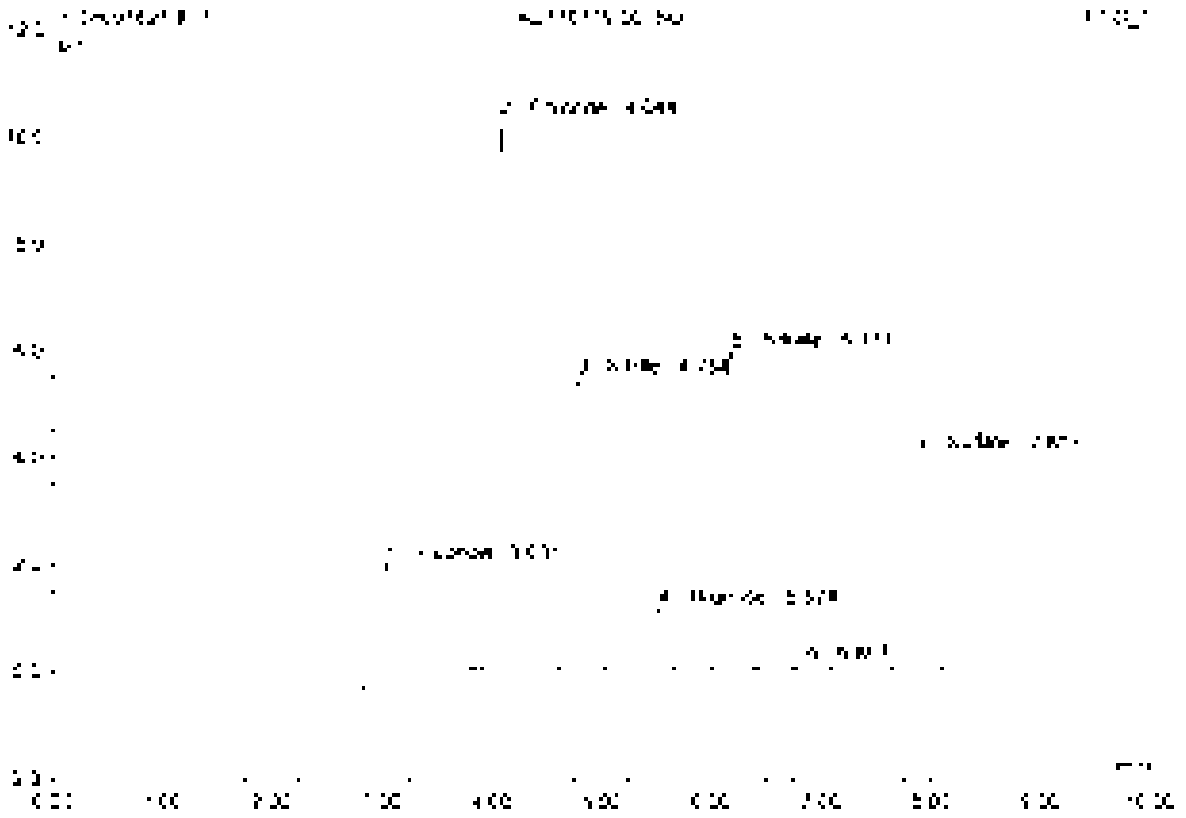
Sample Name	K2110779-001S	Injection Volume	25.0
Vial Number	6	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Operator Method	epa300	Dilution Factor	1.0000
Acquisition Time	5/1/2021 [illegible]:21	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	2.257	0.555	14.10	9.928	BMB
2	4.04	Chloride	10.951	0.997	25.74	20.599	BVB
3	4.75	Nitrite	5.448	0.721	17.75	7.551	BVB
4	5.52	Bromide	1.172	0.145	3.57	2.847	BVB
5	6.17	Nitrate	5.967	0.834	21.19	7.577	BVB
6	6.86	n.a.	3.101	0.322	8.01	n.a.	BVB
7	7.80	Sulfate	4.271	0.775	19.63	21.070	BVB
Total:			29.285	3.949	100.00	76.762	

17 K2110779-001SD

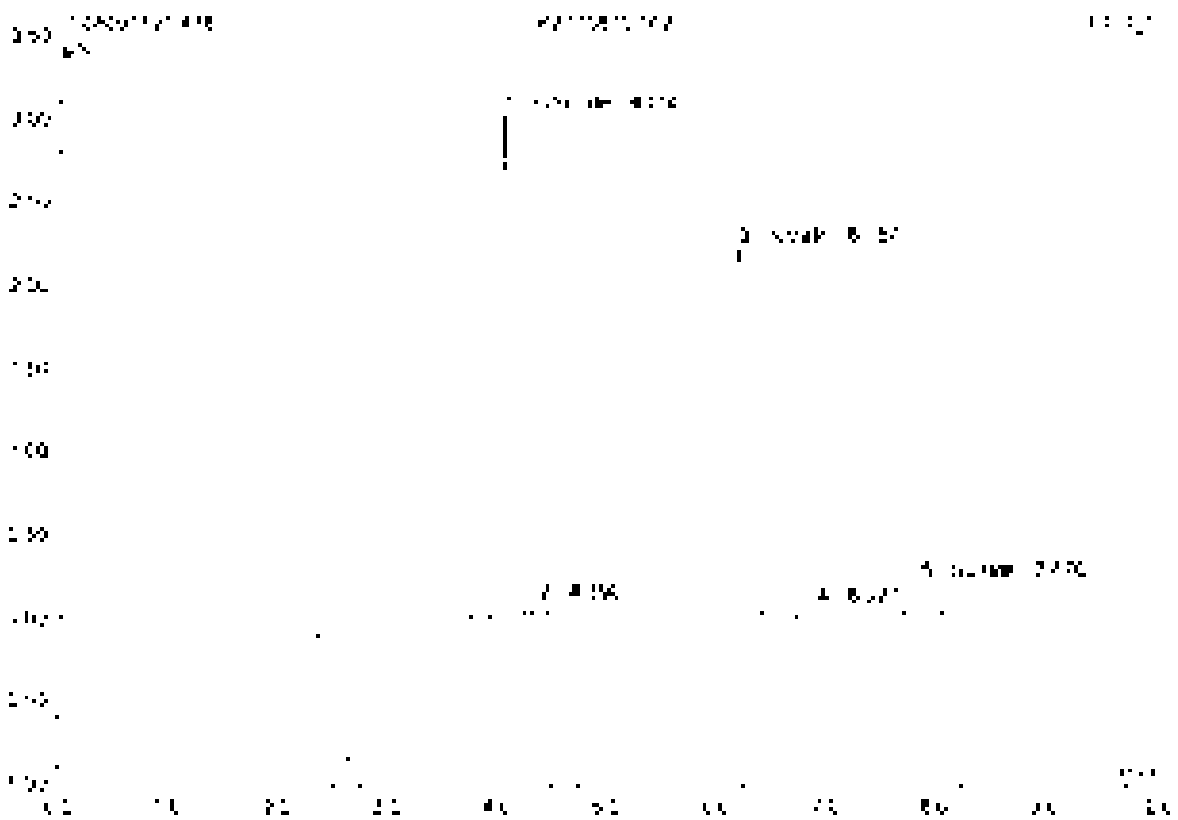
Sample Name	K2110779-001SD	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	4.0000
Recording Time	9/16/2021 15:32	Sample Weight	1.0000
Run Time (min)	16.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.90	Fluoride	2.235	0.559	[illegible]	9.938	BMB
2	4.04	Chloride	10.287	0.949	23.74	20.590	BVB
3	4.75	Nitrite	5.459	0.704	17.75	7.887	BVB
4	5.62	Bromide	[illegible]	0.145	3.63	7.855	BVB
5	[illegible]	Nitrate	6.994	0.841	21.25	[illegible]	BVB
6	6.87	[illegible]	0.715	0.030	0.76	n.a.	BVB
7	7.80	Sulfate	4.368	0.739	18.68	20.576	BVB
Total:			29.344	3.952	100.00	75.911	

18 K2110810-002

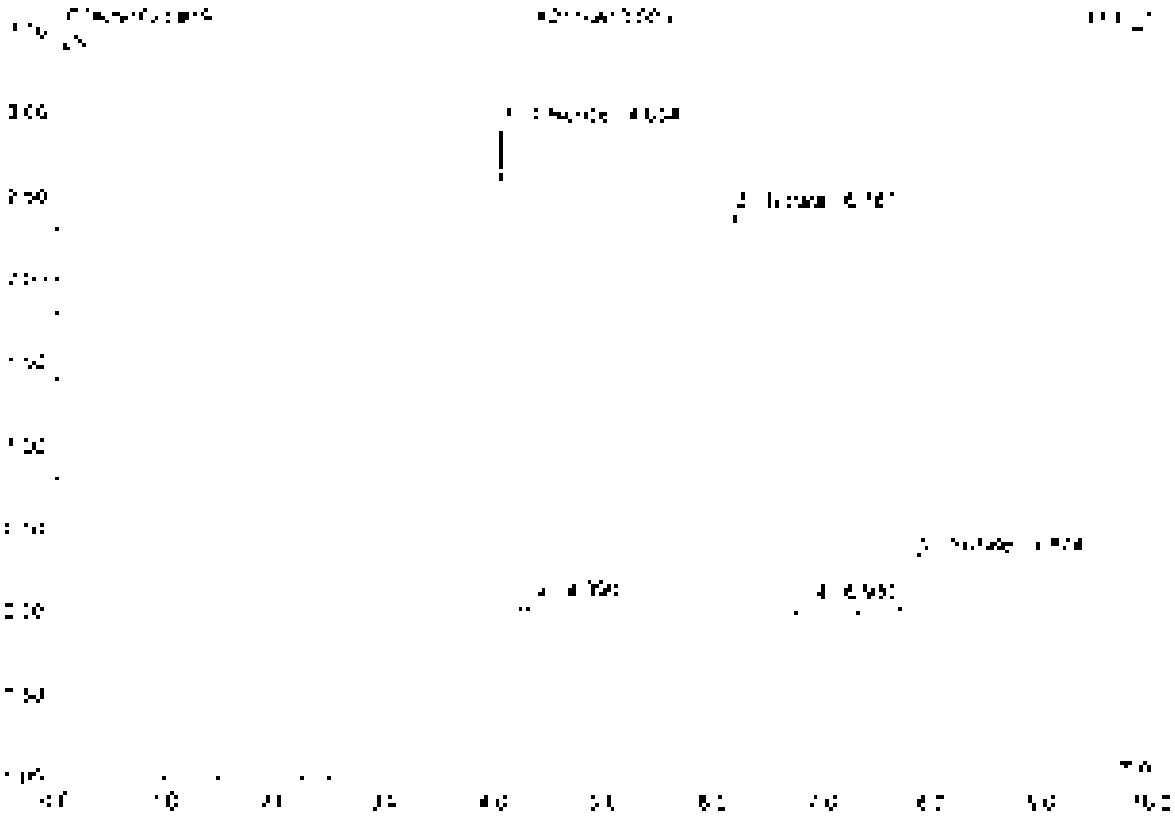
Sample Name	K2110810-002	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	9/16/2021 15:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µV	Area µV*min	Rel Area %	Amount	Type
1	4.35	Chlordane	3018	0.257	47.15	3.360	BV B
2	4.39	n.a.	2078	0.203	[illegible]	n.a.	BV B
3	6.19	Mirex	2222	0.317	47.56	1.435	BV B
4	6.41	n.a.	0.060	0.000	0.00	n.a.	BM B
5	7.87	Endrin	0.206	0.028	5.15	0.154	BM B
Total:			5387	0.667	100.00	5.149	

19 K2110810-003

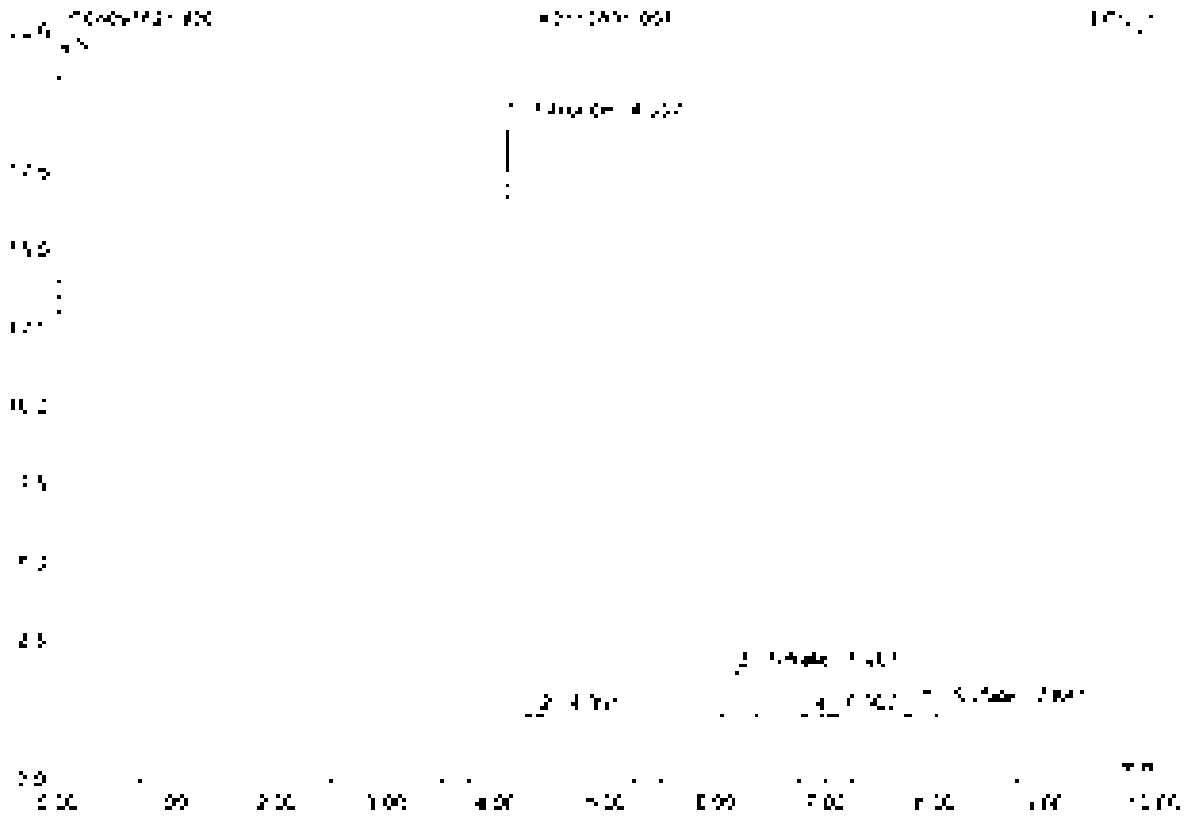
Sample Name	K2110810-003	Injection Volume	25.0
Vial Number	9	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	2.0000
Recording Time	8/16/2021 15:59	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	2.925	0.272	38.72	2.381	BMB
2	5.39	n.a.	0.018	0.006	0.83	n.a.	BMB
3	6.13	Nitrate	2.406	0.342	48.67	1.548	BMB
4	6.93	n.a.	0.062	0.021	2.95	n.a.	BMB
5	[illegible]	Sulfate	0.342	0.062	8.83	0.566	BMB
Total:			5.754	0.701	100.00	4.454	

20 K2110831-001

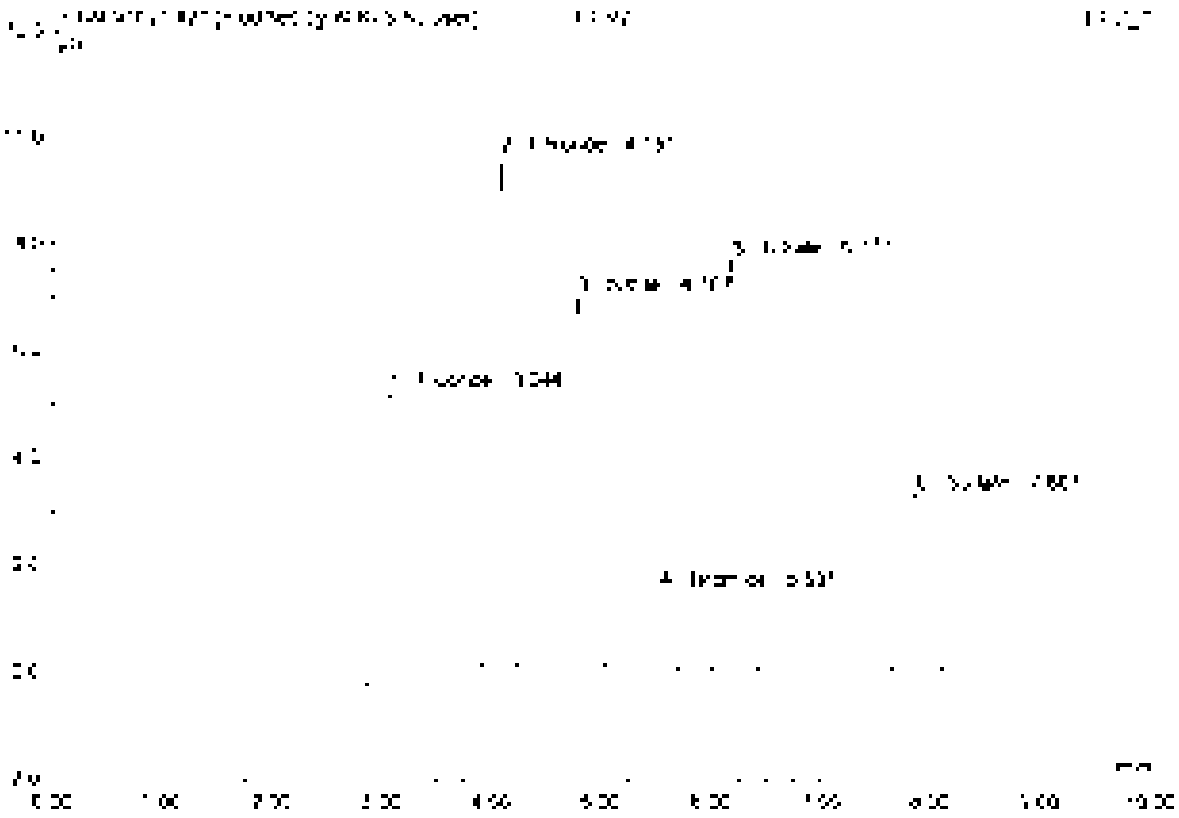
Sample Name	K2110831-001	Injection Volume	25.0
Vial Number	20	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Barometer	n.a.
Operator Method	epa300	Dilution Factor	2.0000
Recording Time	[illegible] 17:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.06	Chloride	[illegible]	[illegible]	64.44	[illegible]	BMB
2	4.39	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
3	6.20	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
4	6.91	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
5	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

21 CCV2

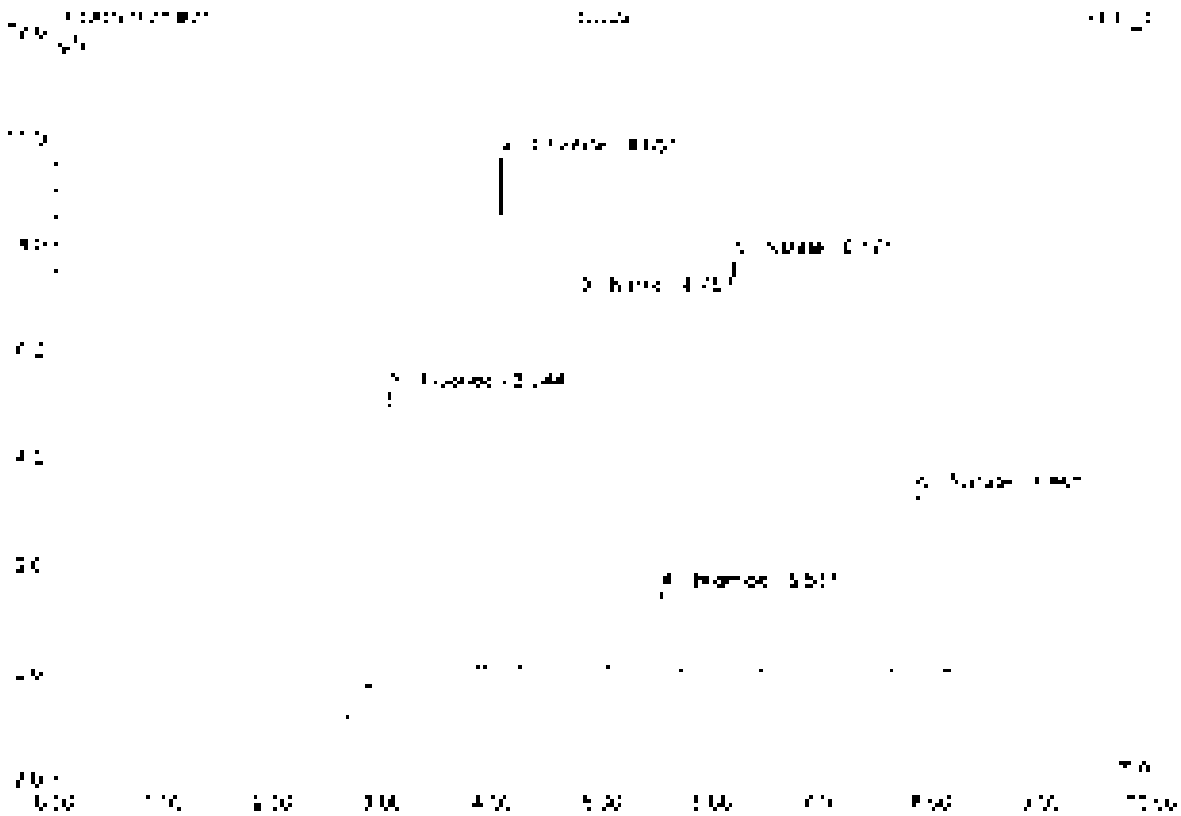
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Calibration Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	9/16/2021 18:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	5.614	1.190	24.71	5.295	BV*H*
2	4.05	Chloride	5.553	0.871	18.07	4.769	BV*H*
3	4.77	Nitrite	6.362	0.895	18.59	2.508	BM*E
4	5.53	Bromide	1.475	0.180	3.74	2.640	BV*B
5	6.17	Nitrate	7.301	1.050	21.80	2.396	BM*U
6	7.90	Sulfate	3.320	0.577	11.91	4.943	BV*U
Total:			34.425	4.817	100.00	22.549	

21 CCV2

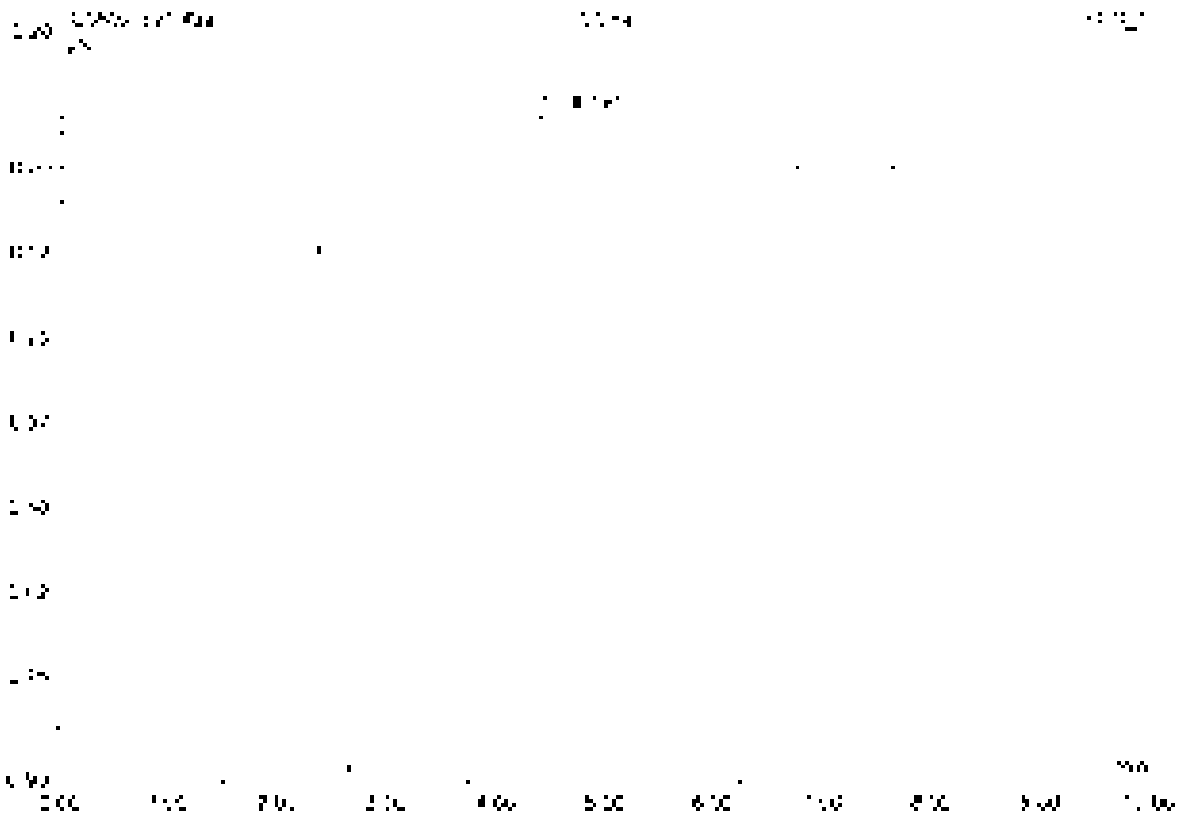
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 18:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	5.440	[illegible]	25.59	5.578	BMB
2	4.05	Chloride	9.515	[illegible]	[illegible]	4.765	BMB
3	4.22	Nitrite	6.497	[illegible]	[illegible]	2.508	BMB
4	5.53	Bromide	1.475	[illegible]	3.60	2.440	BMB
5	5.17	Nitrate	[illegible]	[illegible]	[illegible]	2.256	BMB
6	[illegible]	Sulfate	3.120	[illegible]	[illegible]	4.843	BMB
Total:			34.462	[illegible]	100.00	22.572	

22 CCB2

Sample Name	CCB2	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant. Method	apa300	Dilution Factor	1.0000
Recording Time	9/16/2021 18:20	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

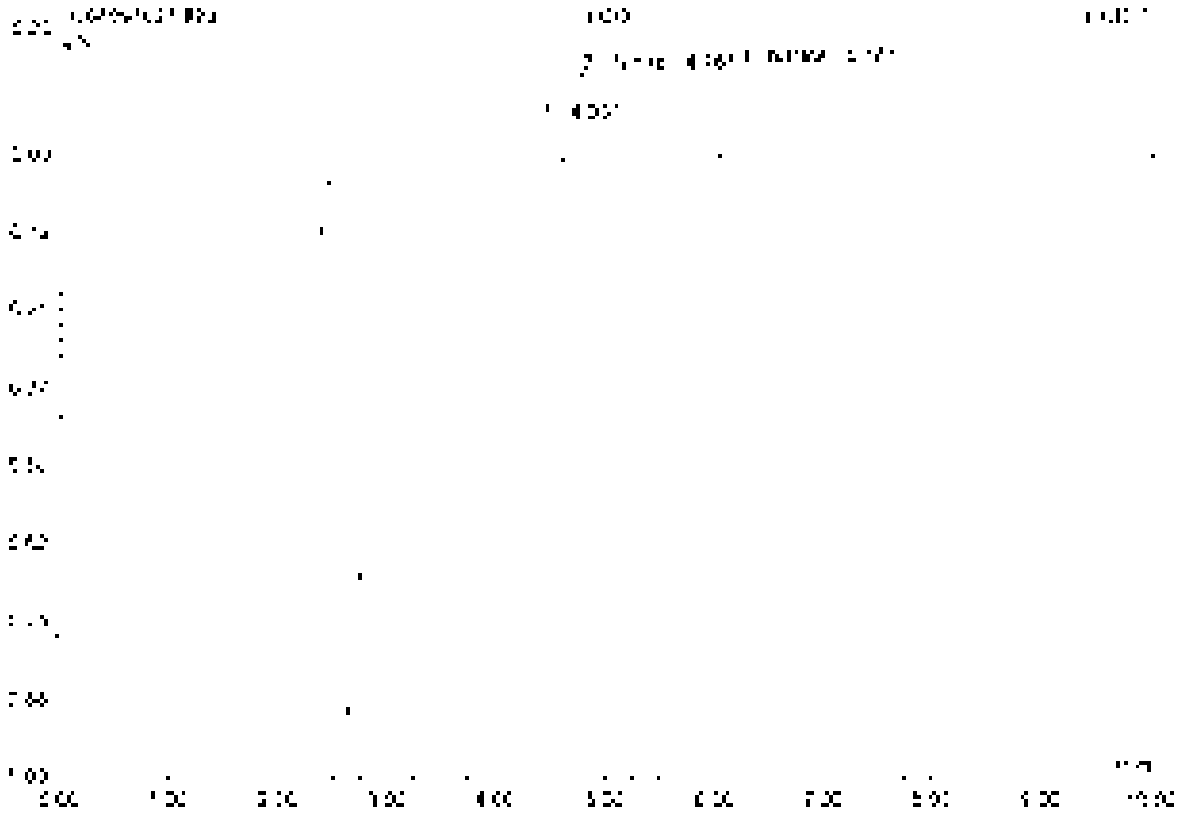


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.39	n.a.	3.661	2.350	100.00	n.a.	BVB
Total: :			3.661	2.350	100.00	0.000	

23 LOD

..NR..

Sample Name	LOD	Injection Volume	25.0
Vial Number	10	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Processing Time	9/16/2021 16:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

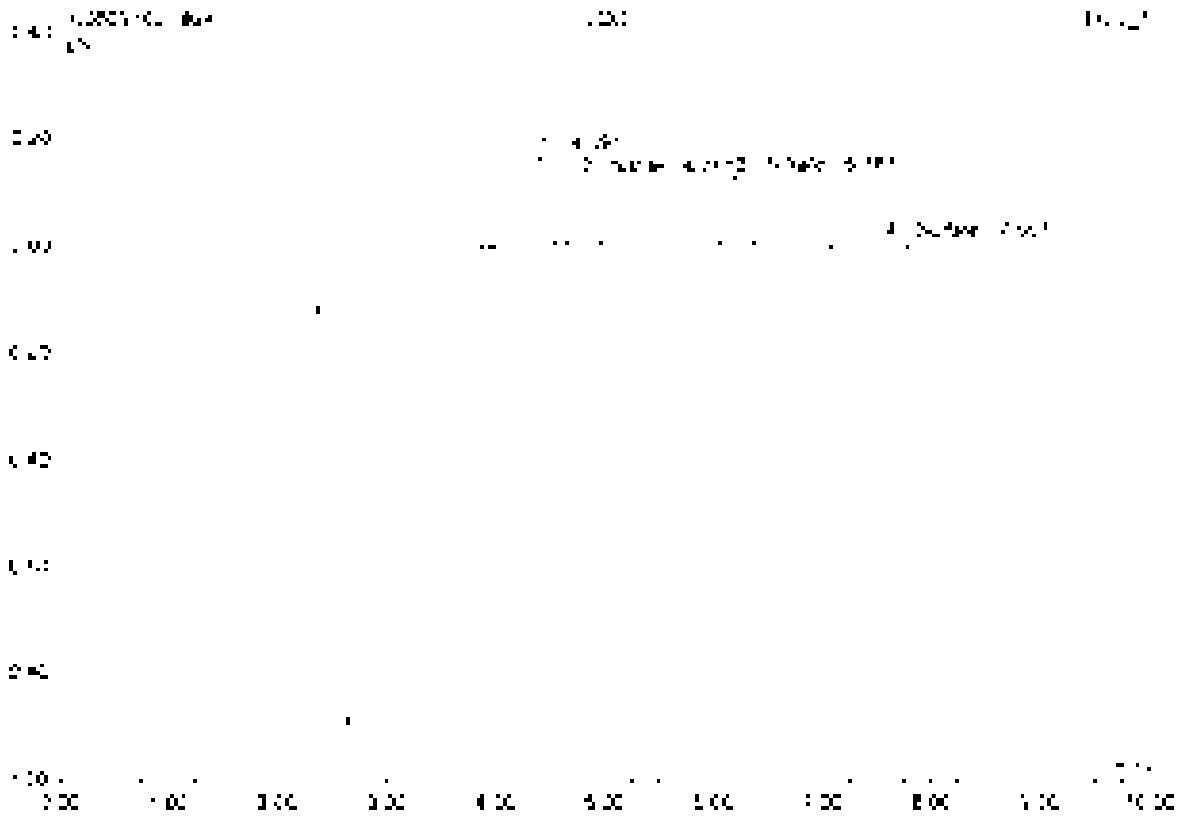


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.09	n.a.	0.100	0.524	93.48	n.a.	BMB
2	4.75	Nitrite	0.133	0.017	3.02	0.047	SMB
3	6.15	Nitrate	0.141	0.020	3.50	0.044	HMB
Total:			0.424	0.560	100.00	0.092	

24 LOD

--NR--

Sample Name	LOD	Injection Volume	25.0
Vial Number	11	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Processing Time	9/18/2023 18:48	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

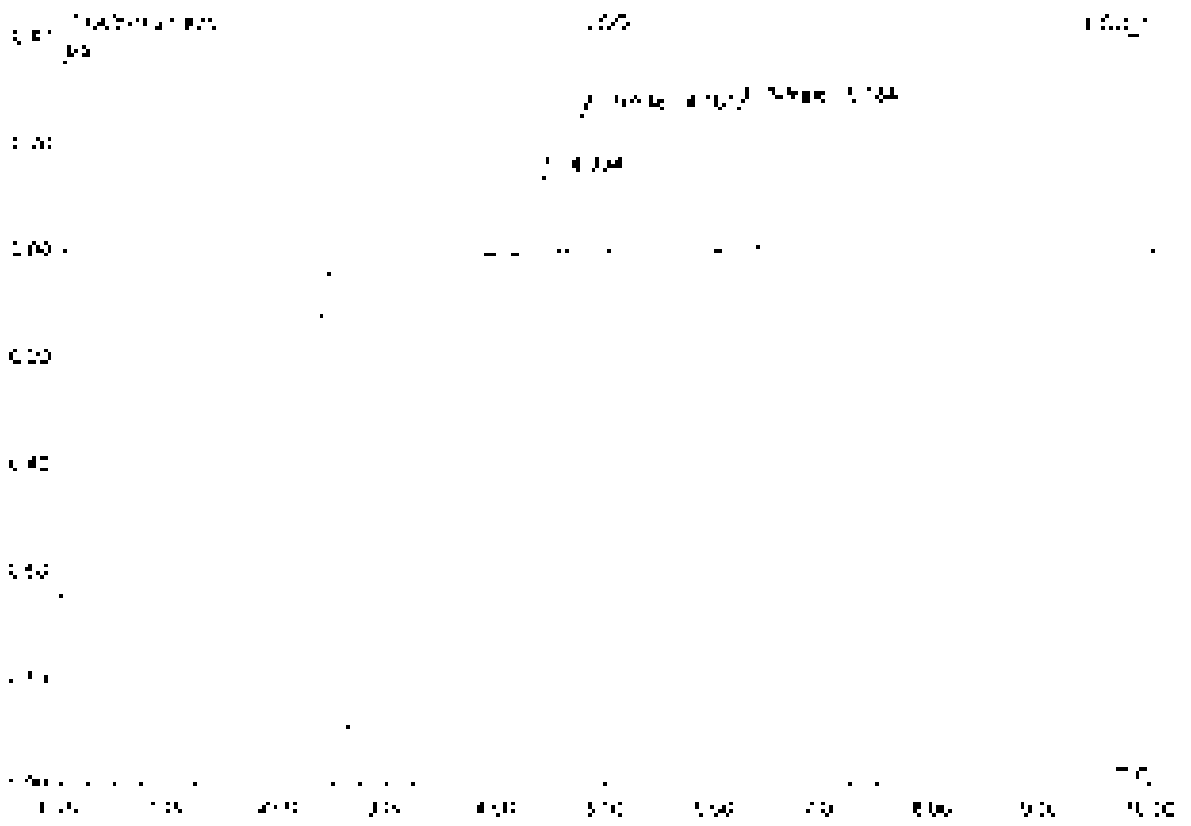


No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.30	n.a.	0.171	0.020	33.47	n.a.	BMB
2	4.76	Nitrite	0.126	0.015	26.14	0.045	BVB
3	6.70	Nitrate	0.129	0.015	29.31	0.040	BVB
4	7.56	Sulfate	0.012	0.007	11.08	0.053	BVB
Total			0.439	0.061	100.00	[illegible]	

25 LOQ

--NR--

Sample Name	LOQ	Injection Volume	25.0
Vial Number	12	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/14/2021 10:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

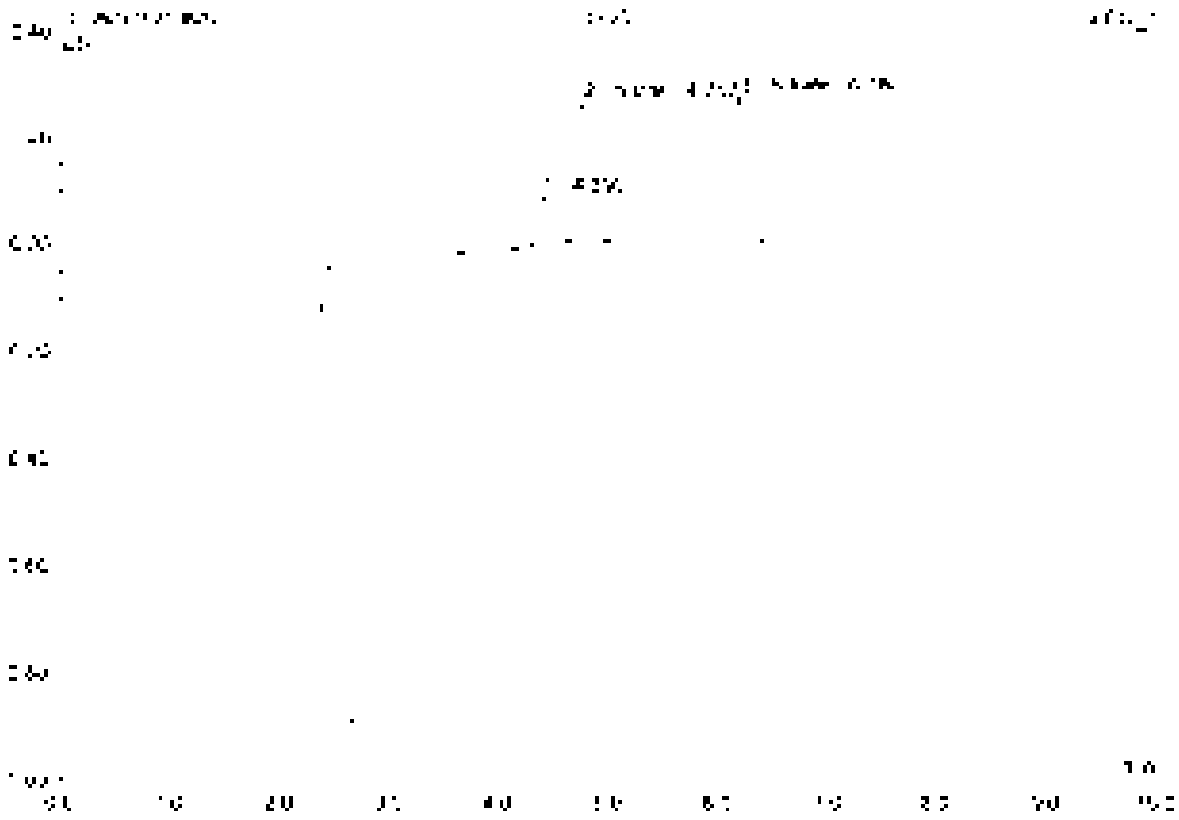


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.39	n.a.	0.147	0.019	20.31	n.a.	BV3
2	4.75	Nitrite	0.259	0.033	34.04	0.092	pVB
3	6.18	Nitrate	0.236	0.038	40.66	0.085	VV0
Total:			0.677	0.093	100.00	0.177	

26 LOQ

--NR--

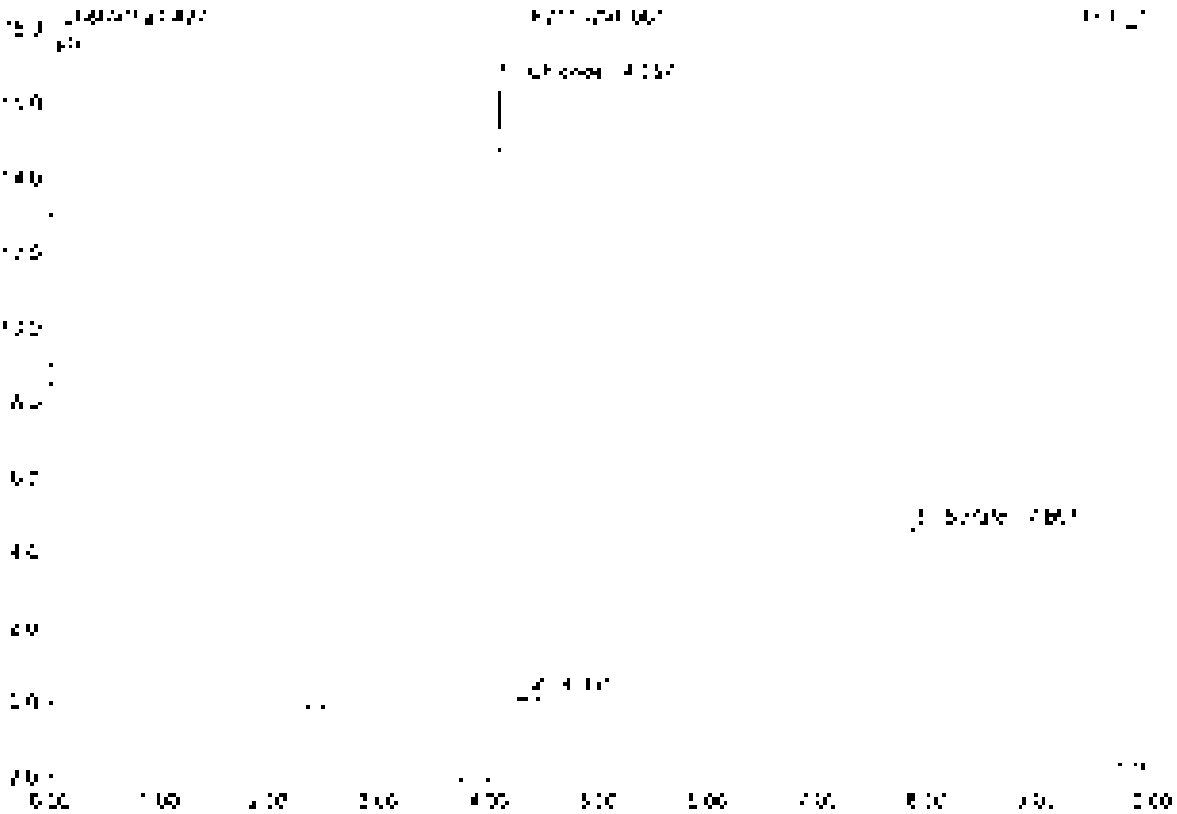
Sample Name	LOQ	Injection Volume	25.0
Vial Number	13	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 19:09	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.39	n.a.	0.393	0.014	[illegible]	n.a.	BV9
2	4.95	Nitrite	0.264	0.003	25.89	0.062	BMB
3	[illegible]	Nitrate	0.274	0.036	44.20	[illegible]	BV9
Total:			0.531	0.085	100.00	0.174	

27 K2110291-001

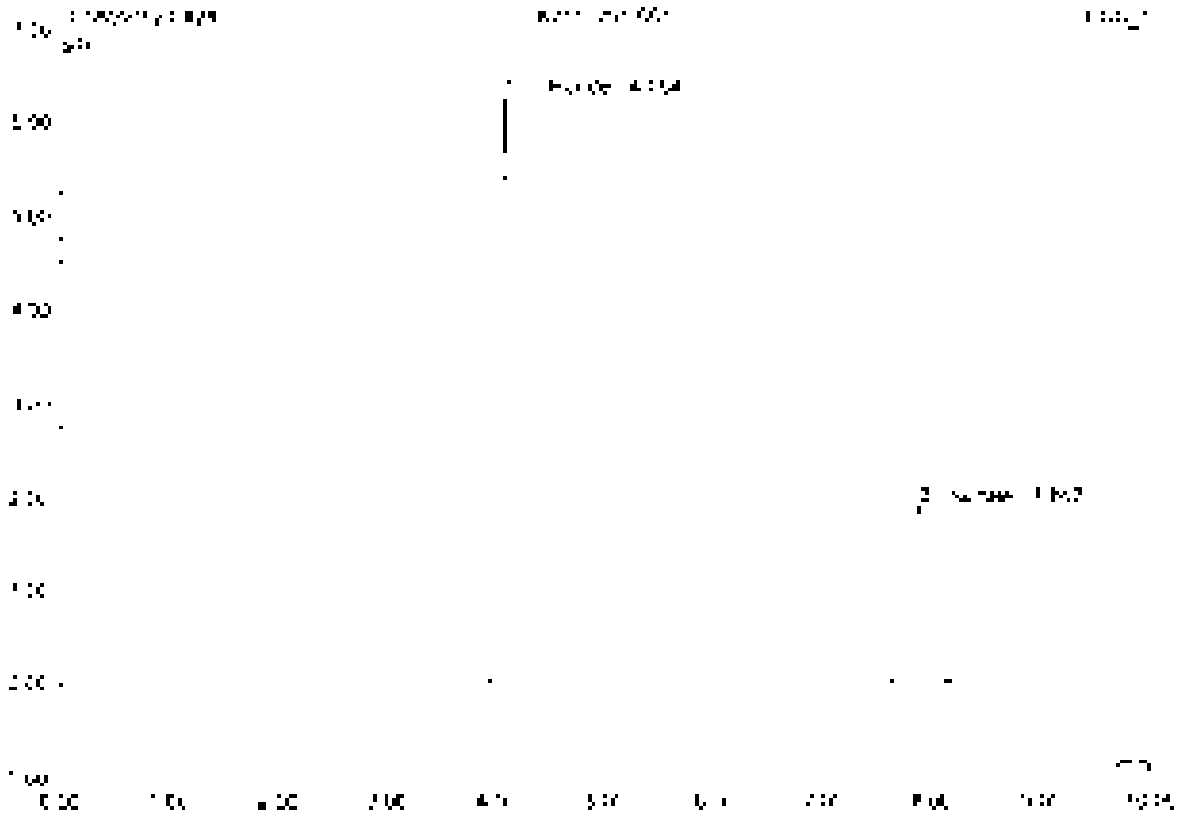
Sample Name	K2110291-001	Injection Volume	25.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Method Filename	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	40.0000
Recording Time	9/15/2021 20:01	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.06	Chlorate	[illegible]	[illegible]	62.56	[illegible]	BVB
2	4.39	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BVB
[illegible]	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BVB
Total:			[illegible]	[illegible]	100.00	[illegible]	

28 K2110291-001

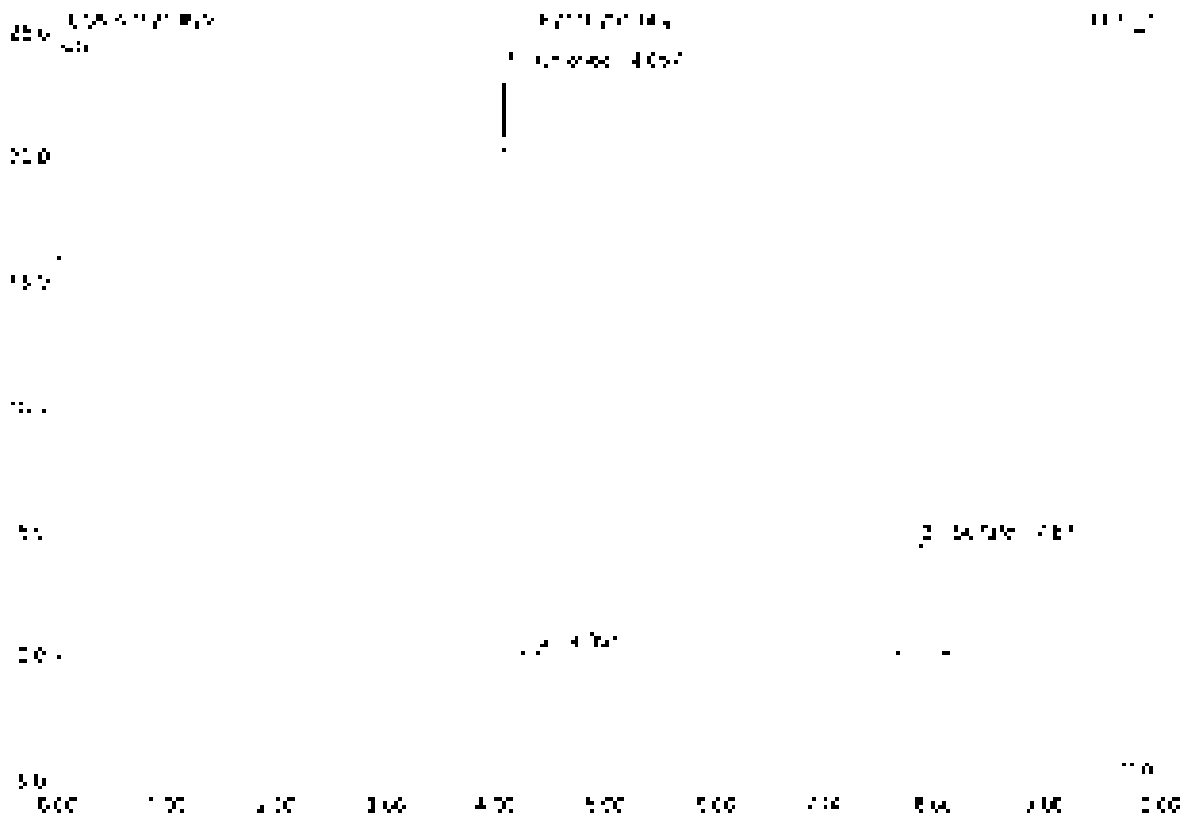
Sample Name	K2110291-001	Injection Volume	25.0
Vial Number	16	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Control Method	spa300	Dilution Factor	100.0000
Recording Time	9/16/2021 20:13	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.03	Chloride	6.282	[illegible]	[illegible]	314.138	BMB
2	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total			[illegible]	[illegible]	[illegible]	[illegible]	

29 K2110291-002

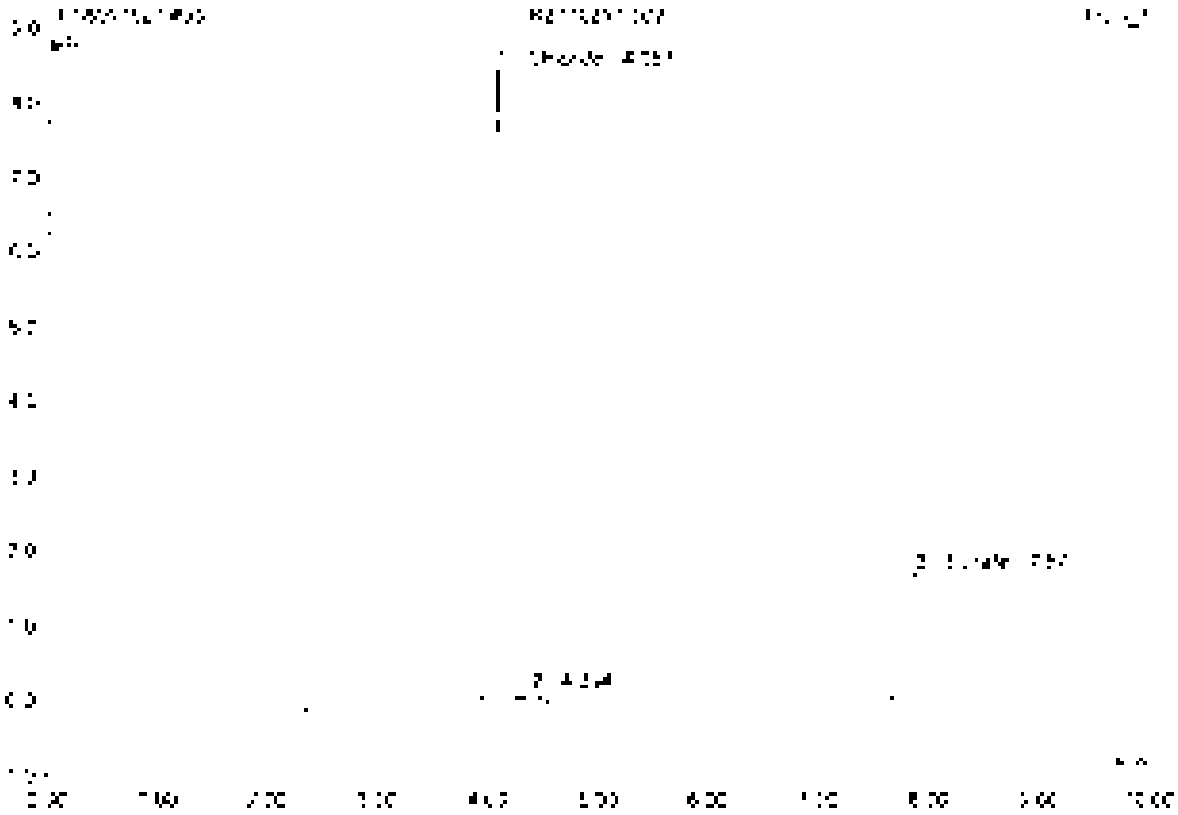
Sample Name:	K2110291-002	Injection Volume:	25.0
Vial Number:	17	Channel:	ECD 1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Control Method:	epa300	Dilution Factor:	40.0000
Recording Time:	9/16/2021 20:24	Sample Weight:	1.0000
Run Time (min):	10.00	Sample Amount:	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.30	Chlorate	23.370	2.075	71.04	454.65	BV8
2	4.39	n.a.	0.074	0.007	0.22	n.a.	BV8
3	7.82	Sulfate	4.597	0.839	28.73	261.37	BV8
Total:			27.257	2.921	100.00	716.03	

30 K2110291-002

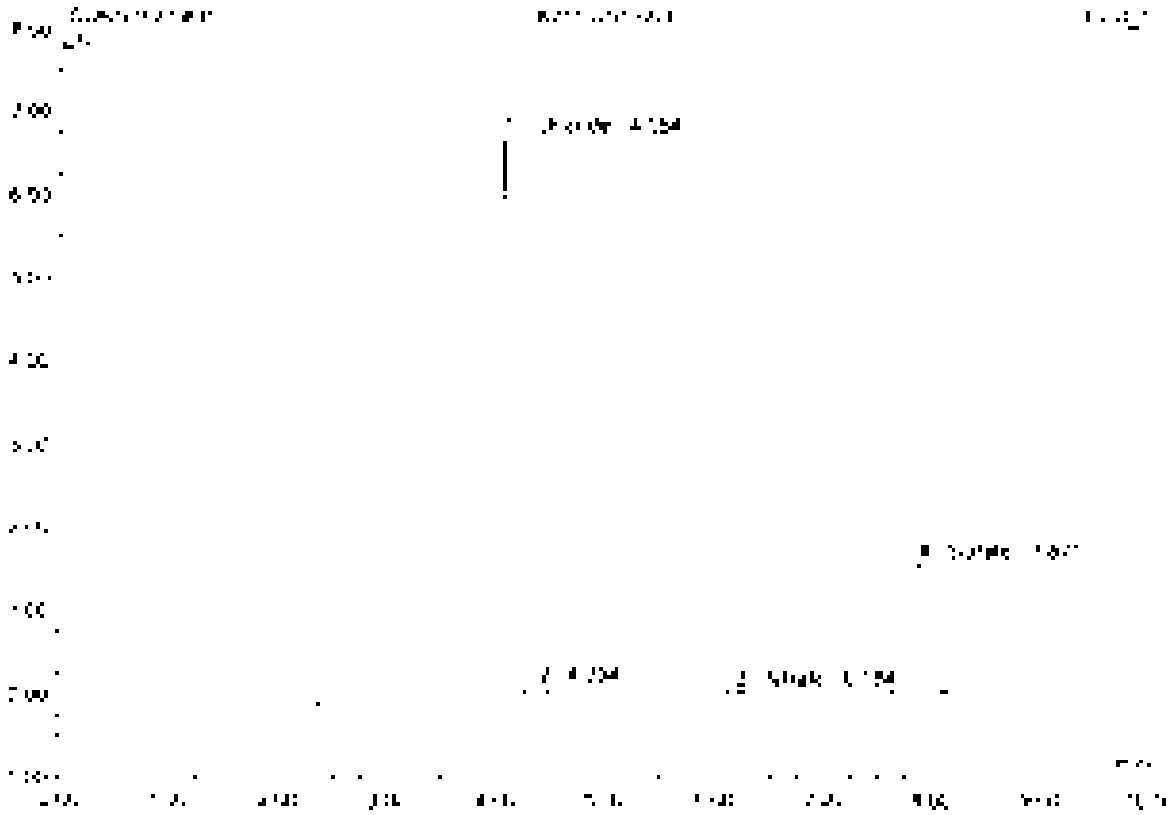
Sample Name	K2110291-002	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Data File Name	epa300	Bandwidth	n.a.
Method Name	epa300	Dilution Factor	100.0000
Acquisition Time	9/16/2021 20:36	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	8.436	0.765	65.88	421.644	BV9
2	4.39	n.a.	0.098	0.009	0.85	n.a.	BV9
3	7.83	Sulfate	[illegible]	0.342	29.27	210.670	BV9
Total:			10.244	1.161	100.00	632.313	

31 K2110291-003

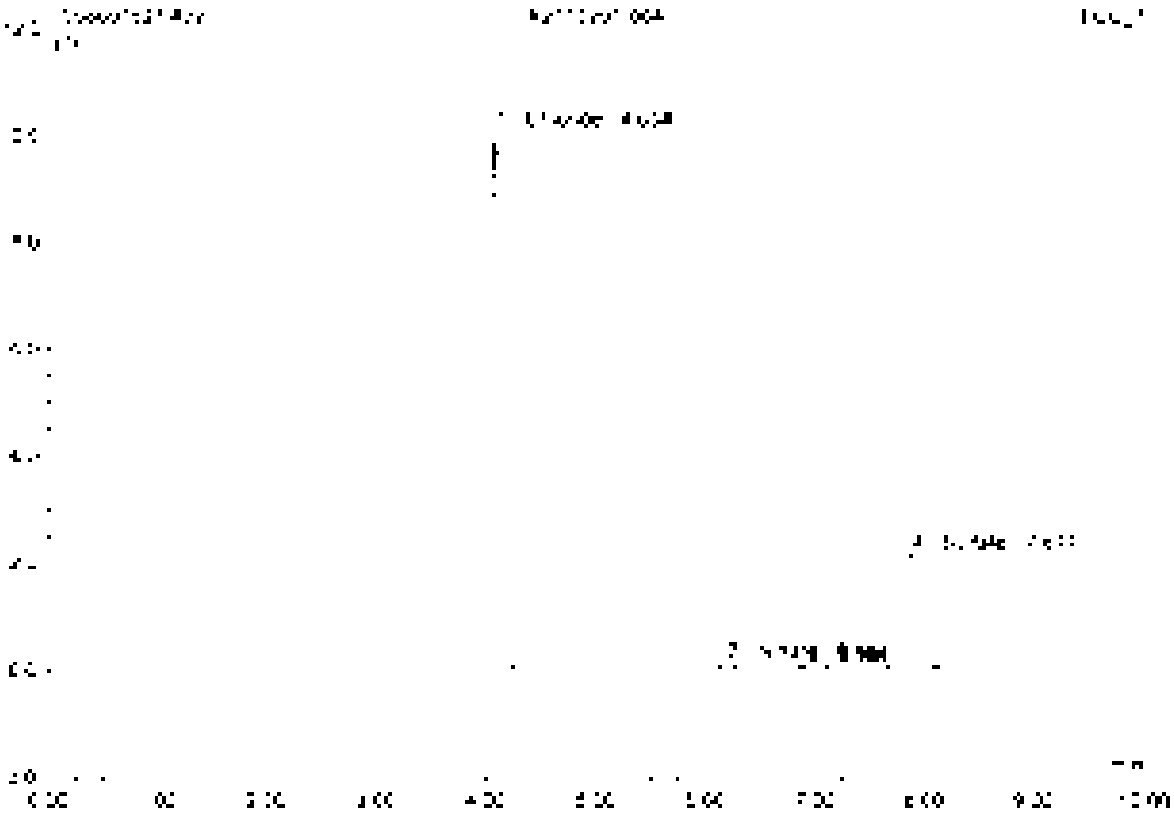
Sample Name	K2110291-003	Injection Volume	25.0
Vial Number	19	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	40.0000
Recording Time	9/16/2021 20:47	Sample Weight	1.0000
Run Time (min)	19.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.591	0.614	56.42	134.536	BV8
2	4.39	n.a.	0.072	0.007	0.60	n.a.	BV8
3	6.15	Nitrate	0.044	0.002	0.21	0.560	BV8
4	7.87	Sulfate	1.572	0.207	32.08	92.355	BV8
Total:			8.330	0.925	100.00	227.451	

32 K2110291-004

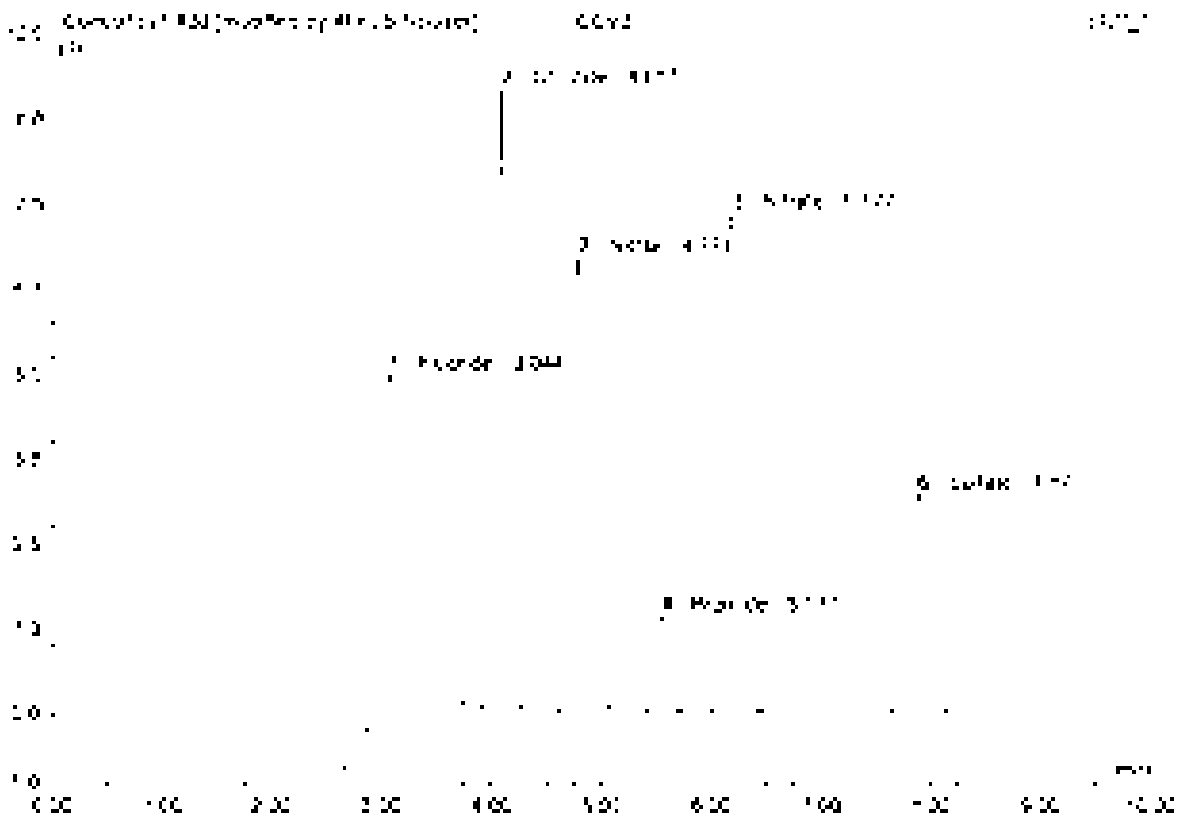
Sample Name	K2110291-004	Injection Volume	25.0
Vial Number	20	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	9/16/2021 20:59	Sample Weight	1.0000
Run Time [min]	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	[illegible]	0.972	[illegible]	[illegible]	BMB
2	6.13	Nitrate	0.142	0.020	[illegible]	0.061	BMB
3	6.53	n.a.	0.057	0.021	[illegible]	n.a.	BMB
4	7.86	Sulfate	2.700	0.395	25.34	6.152	BMB
Total:			12.442	1.561	100.00	16.345	

33 CCV3

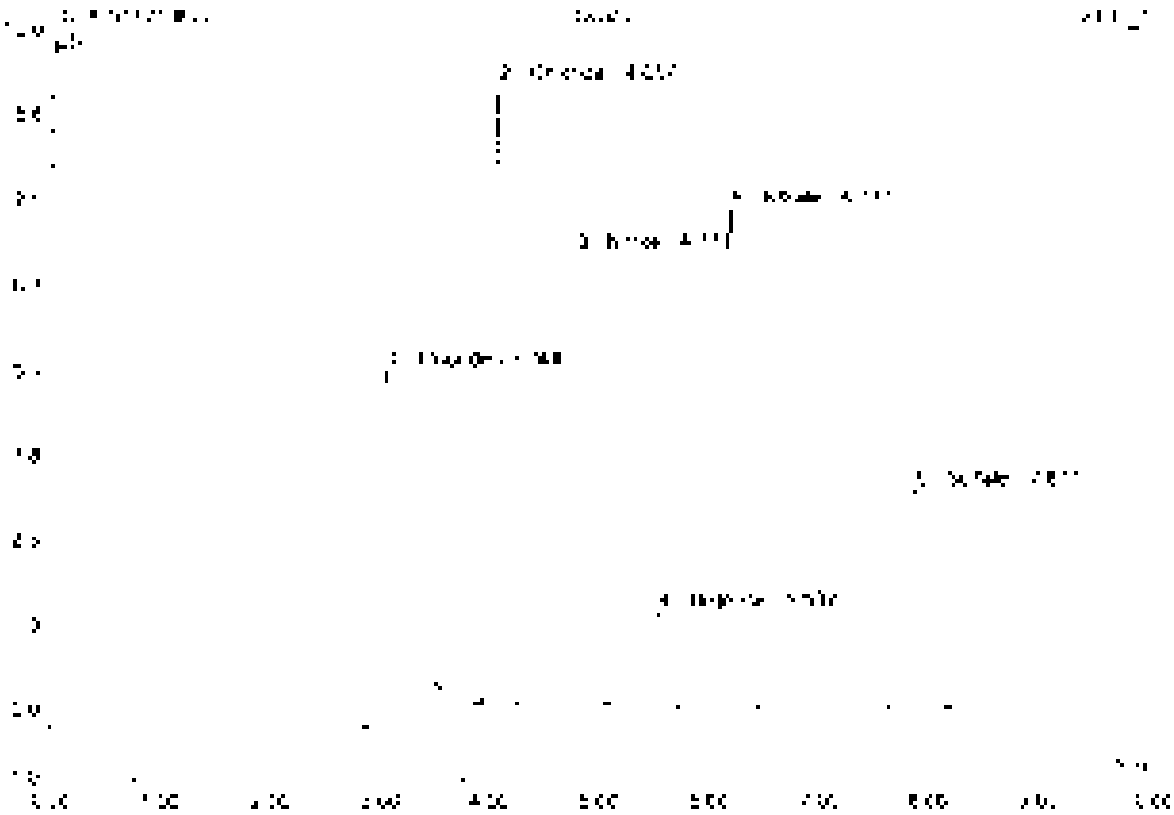
Sample Name	CCV3	Injection Volume	25.0
Vial Number	46	Channel	ECD [illegible]
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	9/16/2021 21:11	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	5.783	[illegible]	24.29	5.720	BMBT
2	4.06	Chloride	6.069	0.830	18.00	4.558	BMBT
3	4.37	Nitrite	6.059	0.856	18.90	2.396	BMB
4	5.56	Bromide	[illegible]	0.172	3.72	2.232	BMB
5	6.18	Nitrate	7.044	1.009	21.80	2.284	BMB
6	7.87	Sulfate	9.221	0.504	13.06	[illegible]	BMB
Total:			37.913	4.525	100.00	[illegible]	

33 CCV3

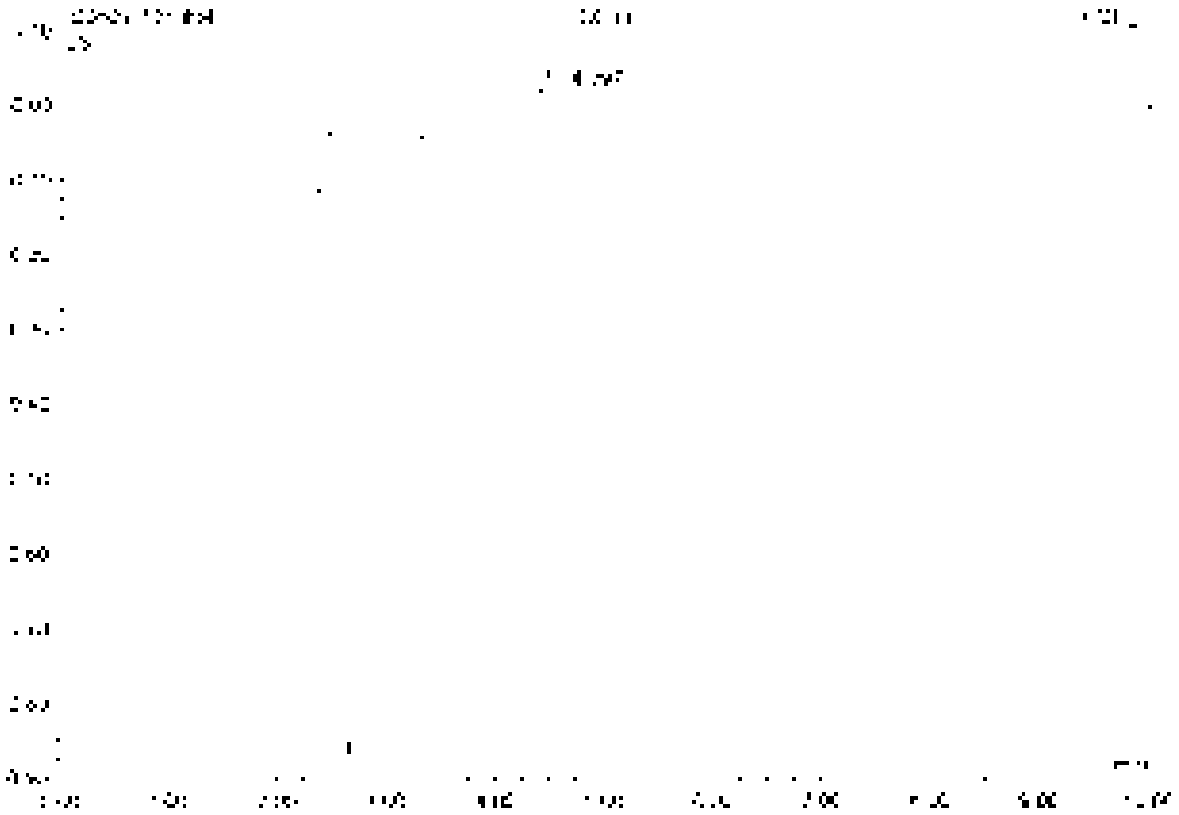
Sample Name	CCV3	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Client Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 21:11	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.54	Fluoride	5.206	[illegible]	25.80	5.372	BMB
2	4.36	Chloride	9.003	0.925	17.73	4.542	BMB
3	4.77	Nitrite	6.655	0.956	18.29	2.395	BMB
4	5.54	Bromide	1.414	0.152	2.96	2.372	BMB
5	5.78	Nitrate	7.344	1.300	24.88	2.284	BMB
6	7.87	Sulfate	3.771	0.604	12.04	4.703	BMB
Total:			32.930	4.678	100.00	21.630	

34 CCB3

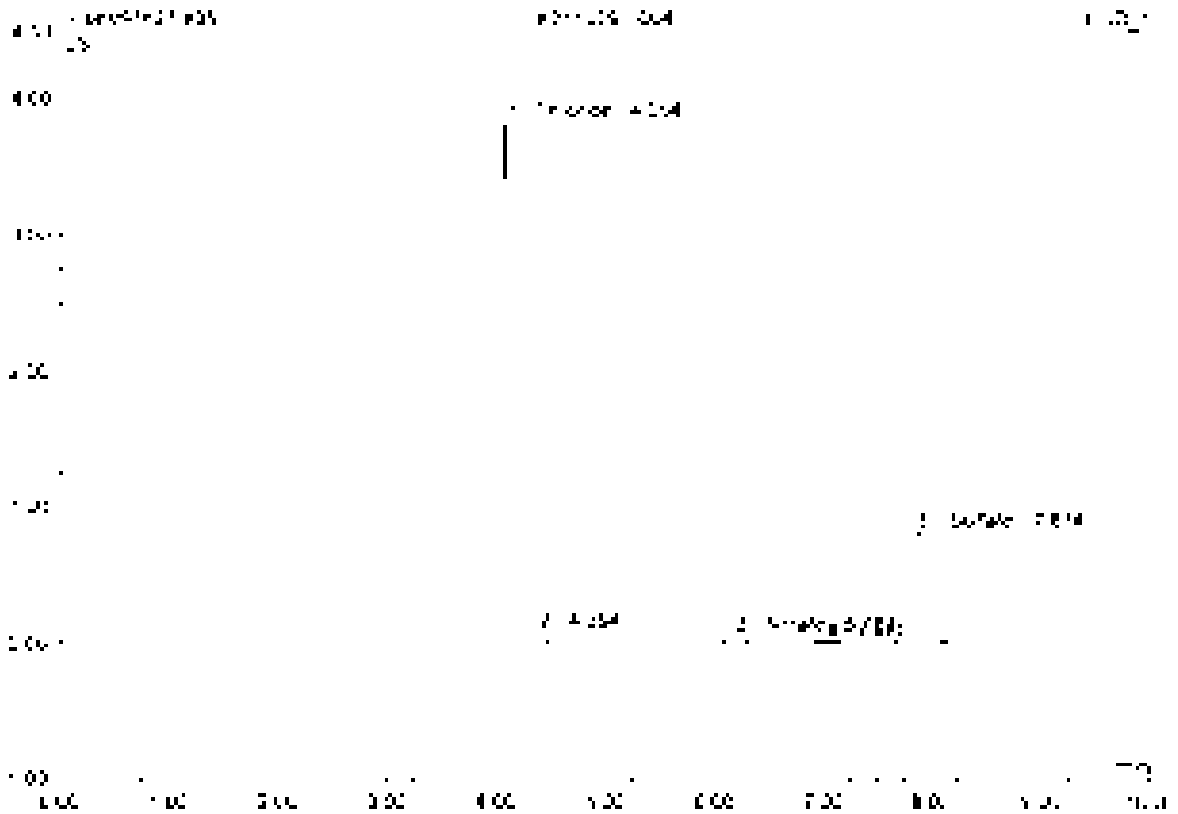
Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a
Control Program	spa300	Bandwidth	n.a
Quantitation Method	spa300	Dilution Factor	1.0000
Processing Time	9/14/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	n.a	[illegible]	[illegible]	[illegible]	n.a	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

35 K2110291-004

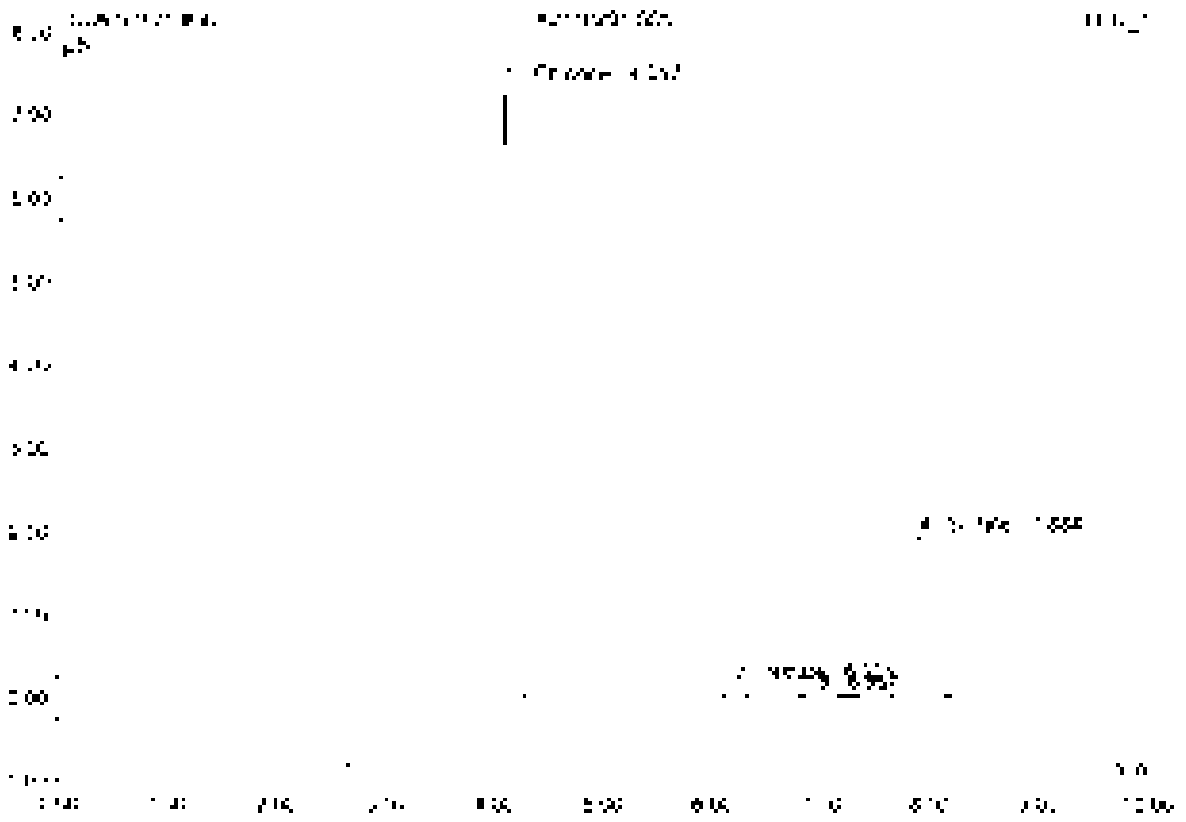
Sample Name	K2110291-004	Injection Volume	25.0
Vial Number	21	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Separation	n.a.
Quantit. Method	epa300	Dilution Factor	5.0000
Recording Time	9/16/2021 21:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.032	0.055	57.07	5.725	BMB
2	4.39	n.a.	0.003	0.008	1.58	n.a.	BMB
3	6.19	Nitrate	0.058	0.005	1.54	0.092	BMB
4	7.02	n.a.	0.016	0.005	0.55	n.a.	BMB
5	7.87	Sulfate	0.022	0.153	38.87	5.349	BMB
Total:			0.131	0.529	100.00	11.164	

36 K2110291-005

Sample Name	K2110291-005	Injection Volume	25.0
Vial Number	27	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	9/19/2021 21:46	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.30	Chloride	7.348	0.578	62.90	7.475	BMB
2	6.20	Nitrate	0.162	0.021	2.14	0.164	BMB
3	6.96	n.a.	0.049	0.015	1.60	n.a.	BMB
4	7.88	Sulfate	1.937	0.355	33.36	5.422	BMB
Total:			9.496	1.075	100.00	13.061	

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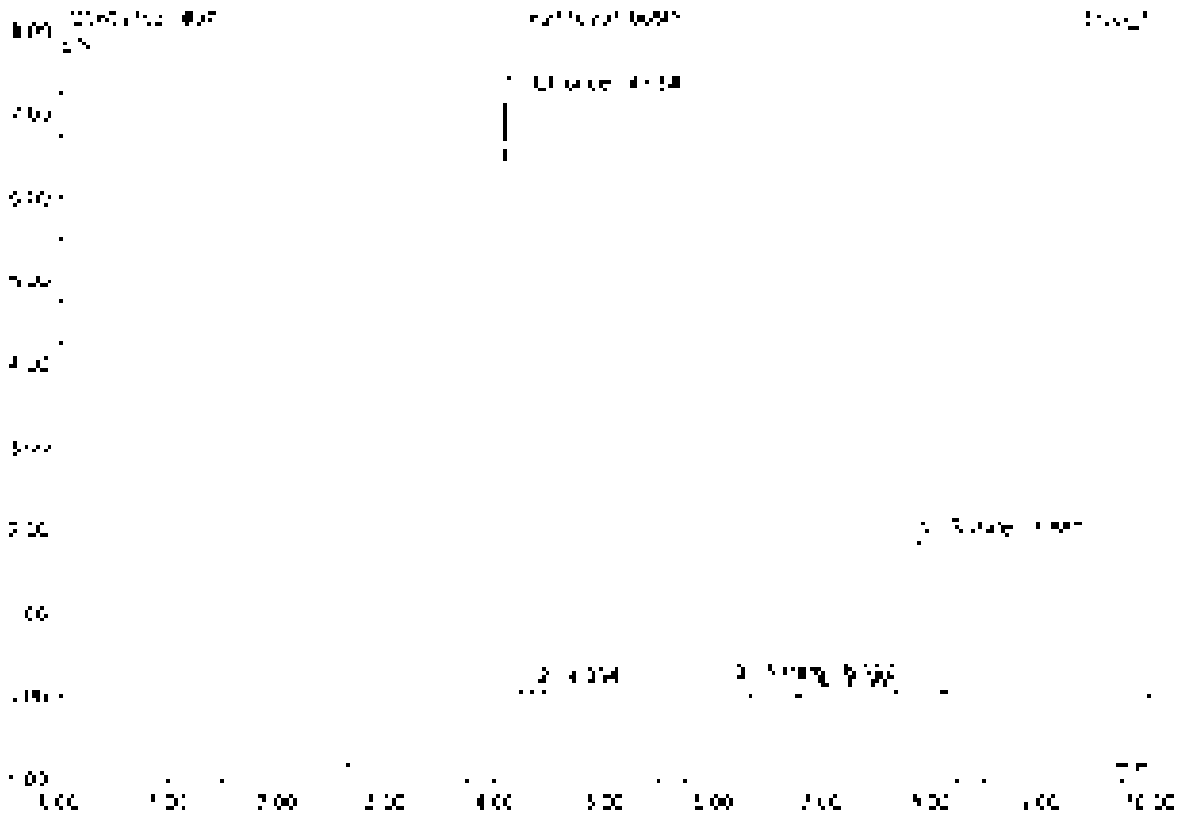
Version 5.80 SR1 14 April 2002 11:56:25

37 K2110291-005D

Sample Name	K2110291-005D	Injection Volume	25.0
Vial Number	71	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	1.0000
Processing Time	9/16/2021 21:58	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	7.226	0.667	62.70	7.309	BMD
2	4.39	n.a.	0.087	0.007	0.61	n.a.	BMB
3	6.20	Nitrate	0.158	0.023	2.12	0.107	BMB
4	6.96	n.a.	0.050	0.019	1.83	n.a.	BMB
5	7.85	Sulfate	1.557	0.346	32.54	5.395	BMB
Total:			9.429	1.064	100.00	12.502	

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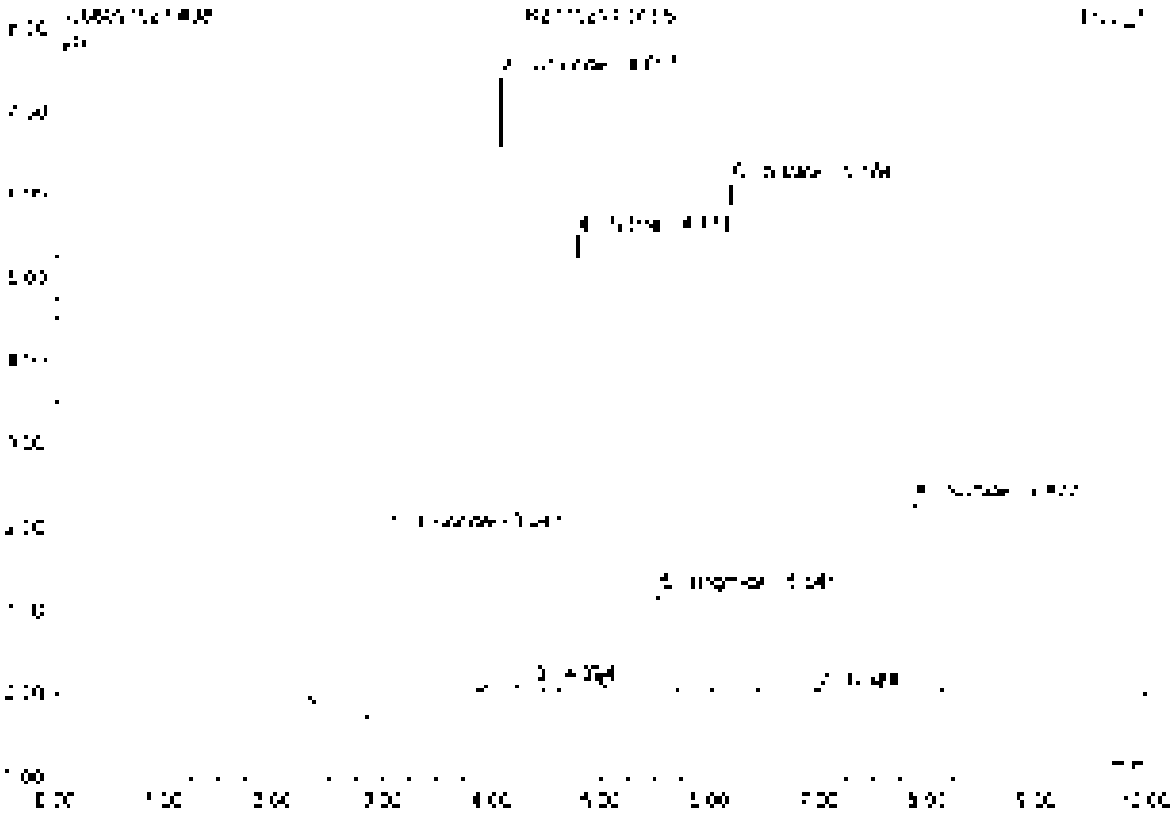
38 K2110291-005S

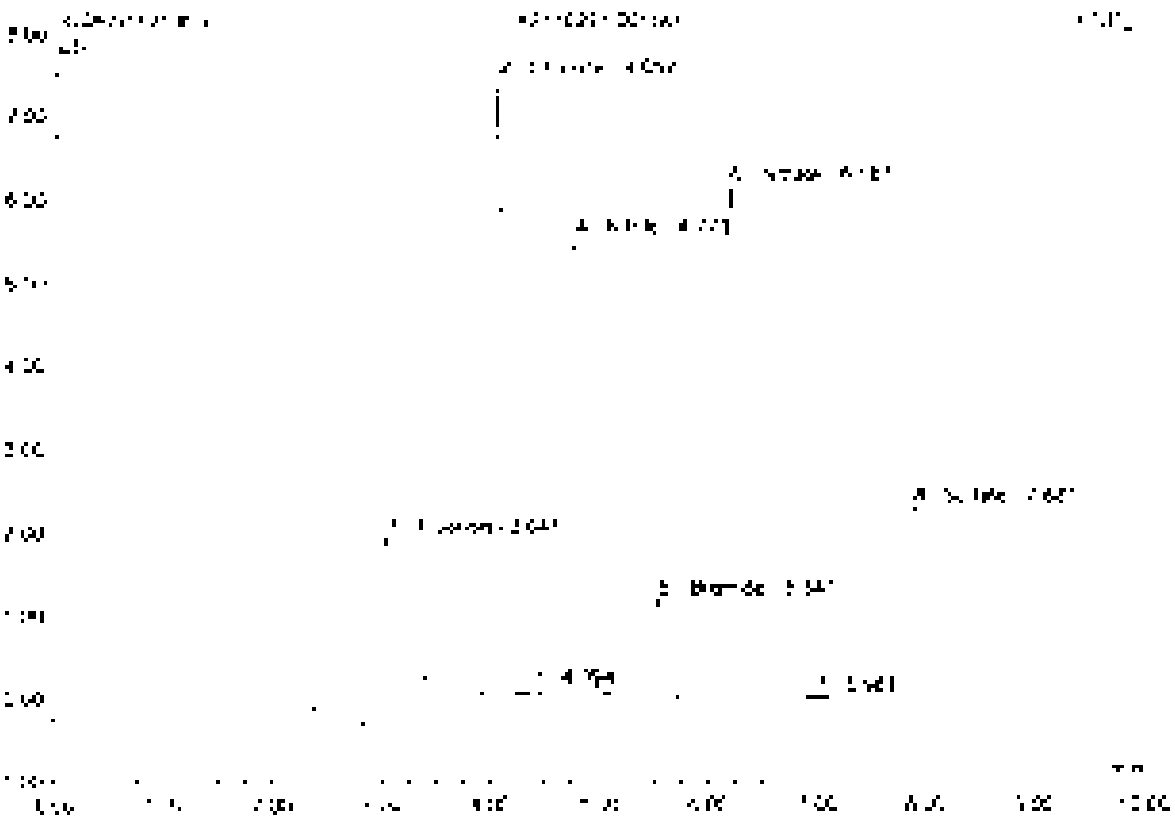
Sample Name	K2110291-005S	Injection Volume	25.0
Vial Number	24	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	4.0000
Recording Time	9/16/2021 22:09	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.04	Fluoride	2.151	0.564	16.66	10.034	BV B
2	4.06	Chloride	7.376	0.679	20.05	14.871	BMB
3	4.39	n.a.	0.003	0.006	0.18	n.a.	BVB
4	4.77	Nitrite	5.476	0.705	20.81	7.529	BVB
5	5.54	Bromide	1.151	0.146	4.31	2.900	BMD
6	6.18	Nitrate	5.112	0.955	28.20	7.712	BMB
7	6.98	n.a.	0.022	0.004	0.13	n.a.	BMB
8	7.68	Sulfate	2.284	0.421	12.50	13.174	BMB
Total:			24.700	3.386	100.00	61.629	

39 K2110291-005SD

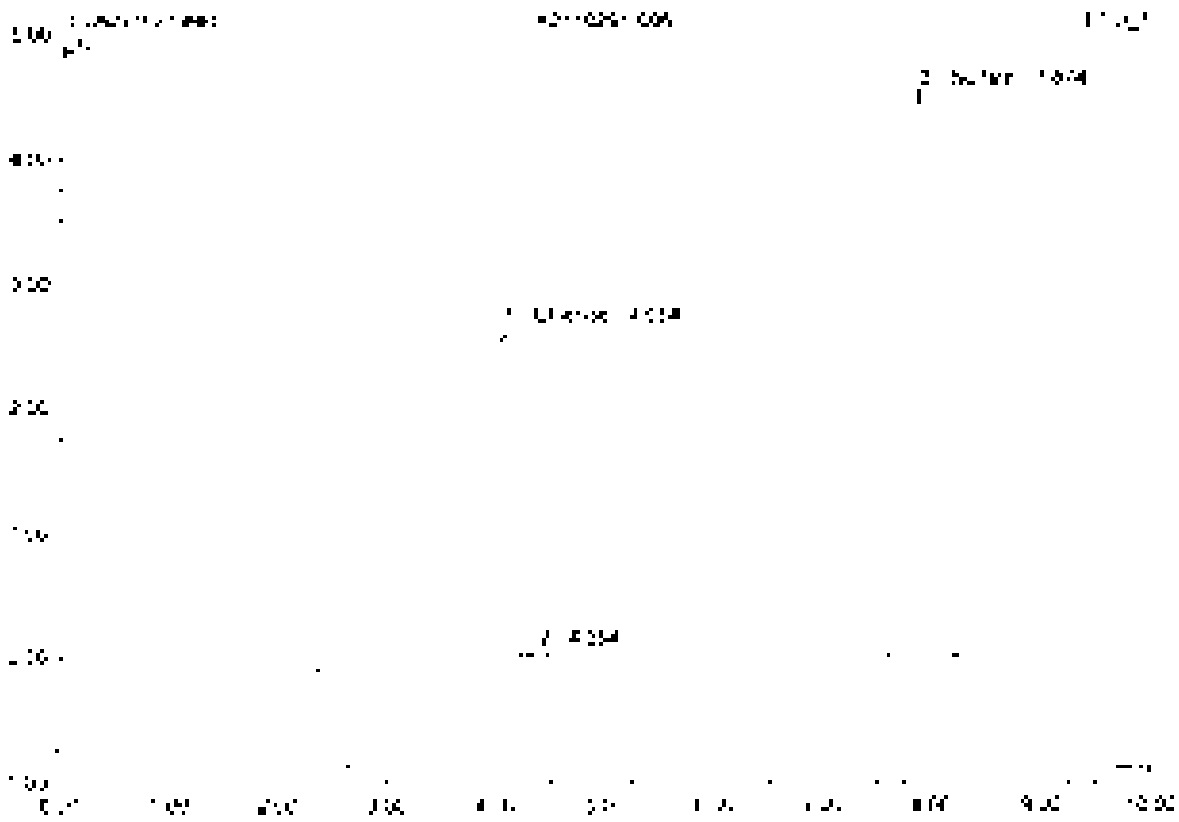
Sample Name	K2110291-005SD	Injection Volume	35.0
Vial Number	25	Channel	IC0 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant Method	wpa300	Dilution Factor	1.0000
Recording Time	9/16/2021 22:21	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.06	Fluoride	2.195	0.570	10.72	[illegible]	BMB
2	4.06	Chloride	2.491	0.662	20.01	[illegible]	BMB
3	4.39	n.a.	0.082	0.008	0.23	n.a.	BMB
4	4.77	Nitrite	5.307	0.712	20.89	7.969	BMB
5	5.54	Bromide	1.185	0.140	4.29	7.528	BMB
6	6.14	Nitrate	6.785	0.955	25.22	[illegible]	BMB
7	6.58	n.a.	0.021	0.006	0.19	n.a.	BMB
8	7.58	Sulfate	2.294	0.424	12.45	12.211	BMB
Total:			24.825	3.407	100.00	61.555	

40 K2110291-006

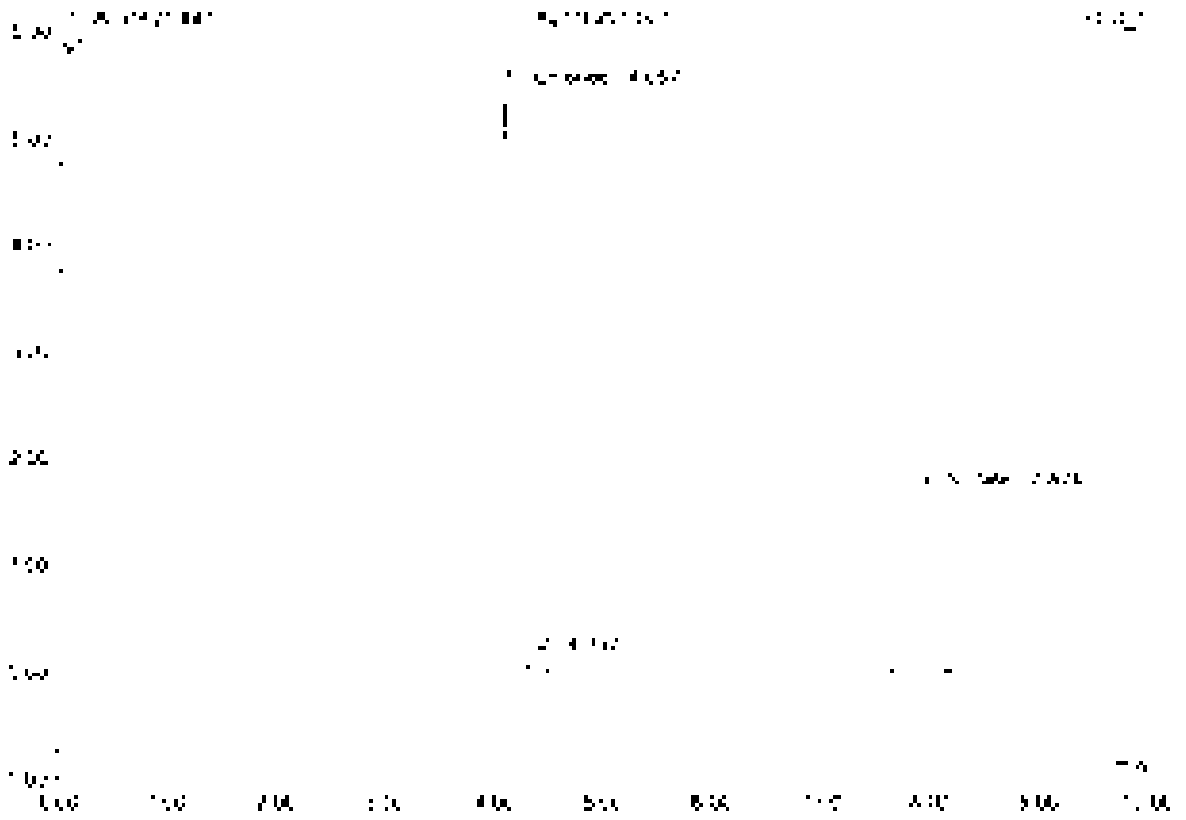
Sample Name	K2110291-006	Injection Volume	25.0
Vial Number	26	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Calibrat. Factor	20.0000
Recording Time	[illegible] 22:32	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.03	Chloride	2.056	0.247	22.38	27.056	BMB
2	4.35	n.a.	0.066	0.007	0.60	n.a.	BMB
3	7.87	Sulfate	4.943	0.842	76.64	[illegible]	BMB
Total			7.052	1.096	100.00	158.229	

41 K2110291-007

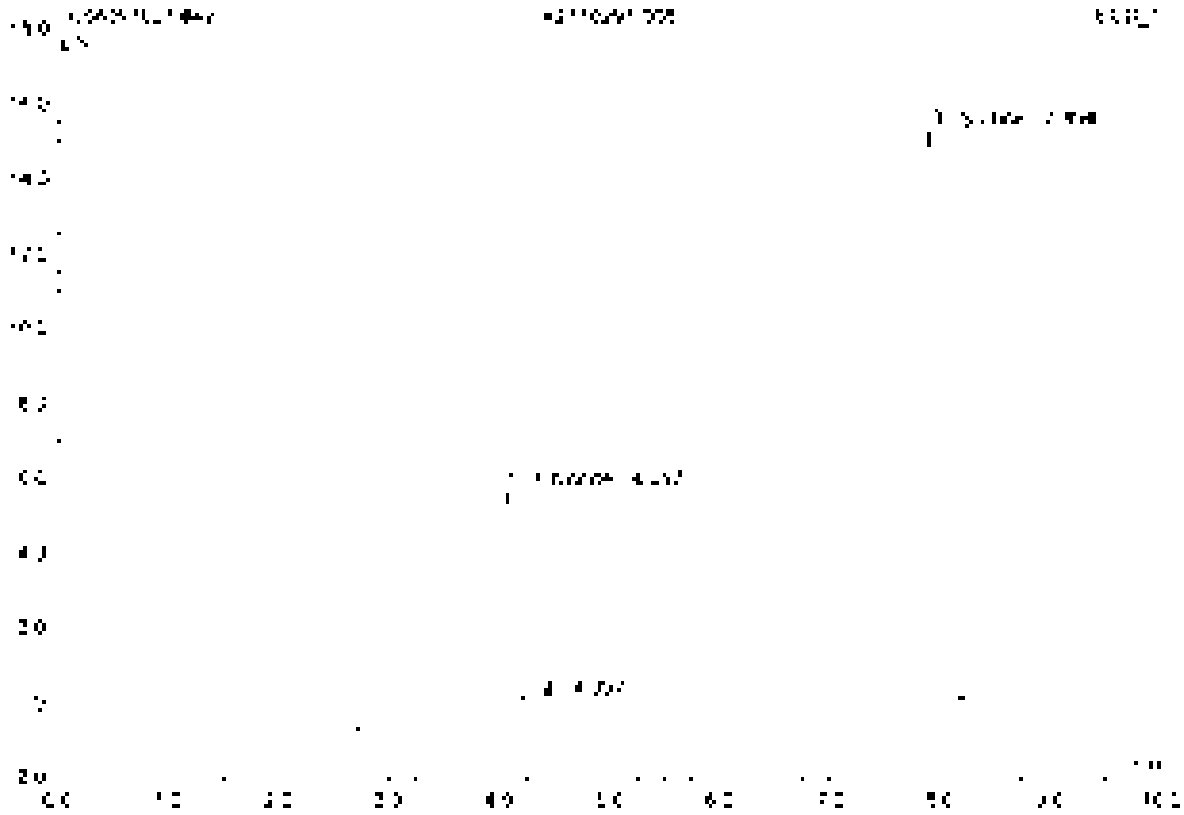
Sample Name	K2110291-007	Injection Volume	25.0
Vial Number	27	Channel	ECD-1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Control Method	wpa300	Dilution Factor	10.0000
Recording Time	9/16/2021 23:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
[illegible]	4.00	[illegible]	[illegible]	[illegible]	60.45	27.560	BMB
[illegible]	4.40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	BMB
[illegible]	7.87	[illegible]	[illegible]	[illegible]	37.85	24.548	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

42 K2110291-008

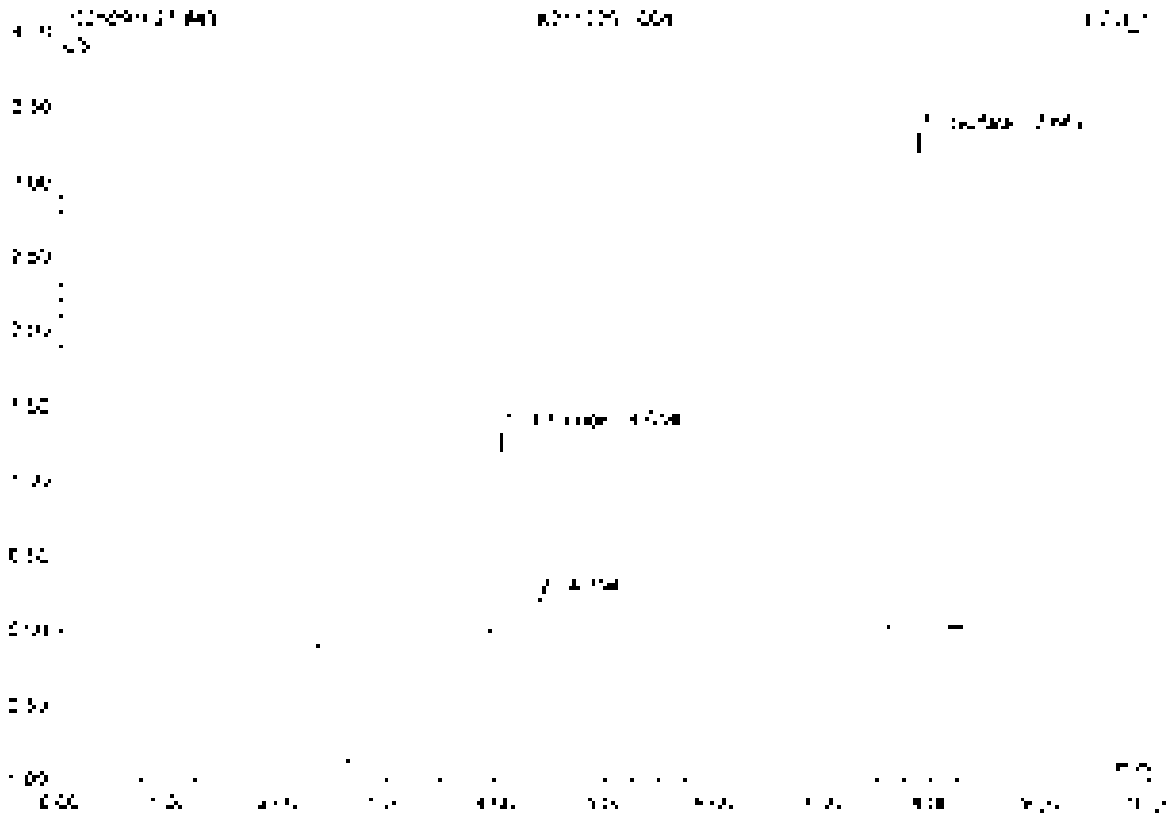
Sample Name	K2110291-008	Injected Volume	25.0
Vial Number	38	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Attenuation	n.a.
Output Method	epa300	Dilution Factor	10.0000
Processing Time	5/16/2021 22:56	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.06	Chlorpyrifos	5.545	0.577	15.11	28.620	BV3
2	4.45	n.a.	0.960	0.336	8.78	n.a.	BV3
3	7.89	Solvent	15.253	2.704	81.52	214.420	BV3
Total:			25.962	3.252	100.00	243.040	

43 K2110291-008

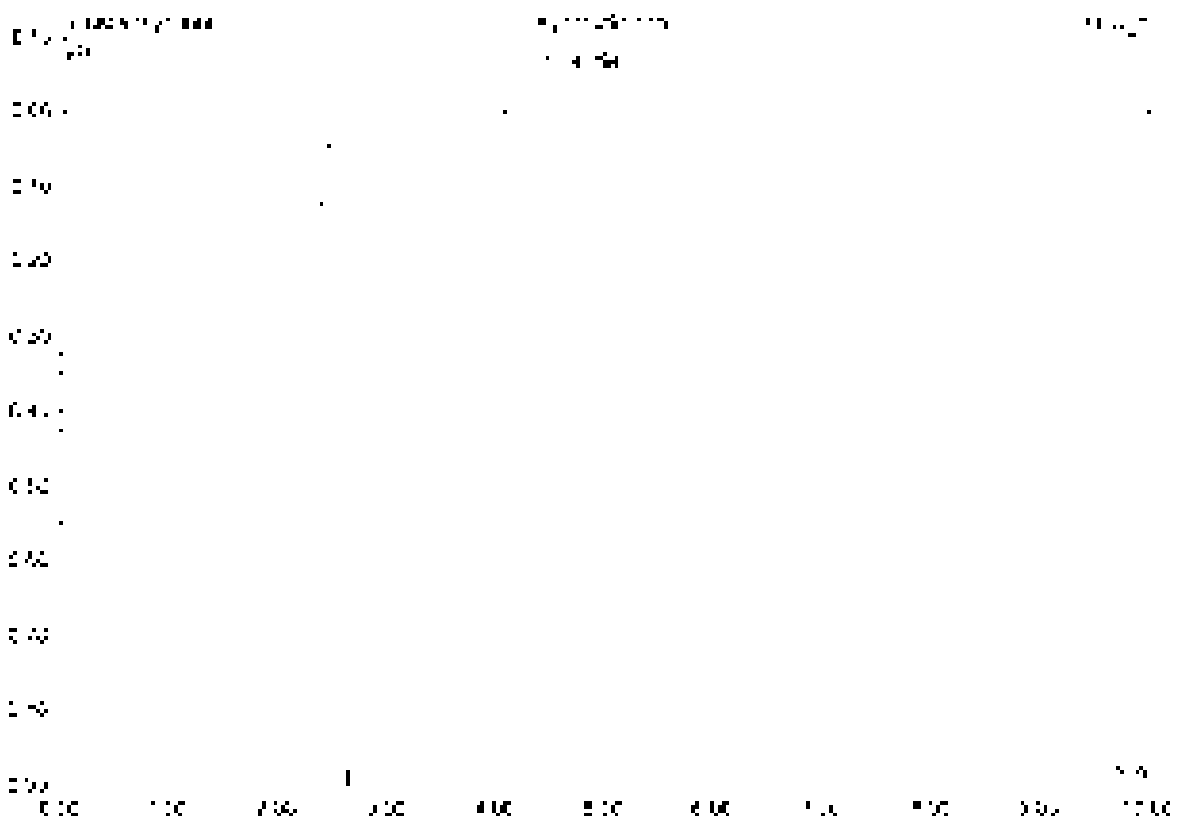
Sample Name	K2110291-008	Injection Volume	25.0
Vial Number	29	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	40.0000
Recording Time	9/18/2021 23:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	[illegible]	0.125	16.27	27.446	BMb
2	4.39	n.a.	0.222	0.023	3.04	n.a.	SVB
3	7.87	Sulfate	3.338	0.621	80.69	193.407	BMb
Total:			4.566	0.770	100.00	220.853	

44 K2110291-009

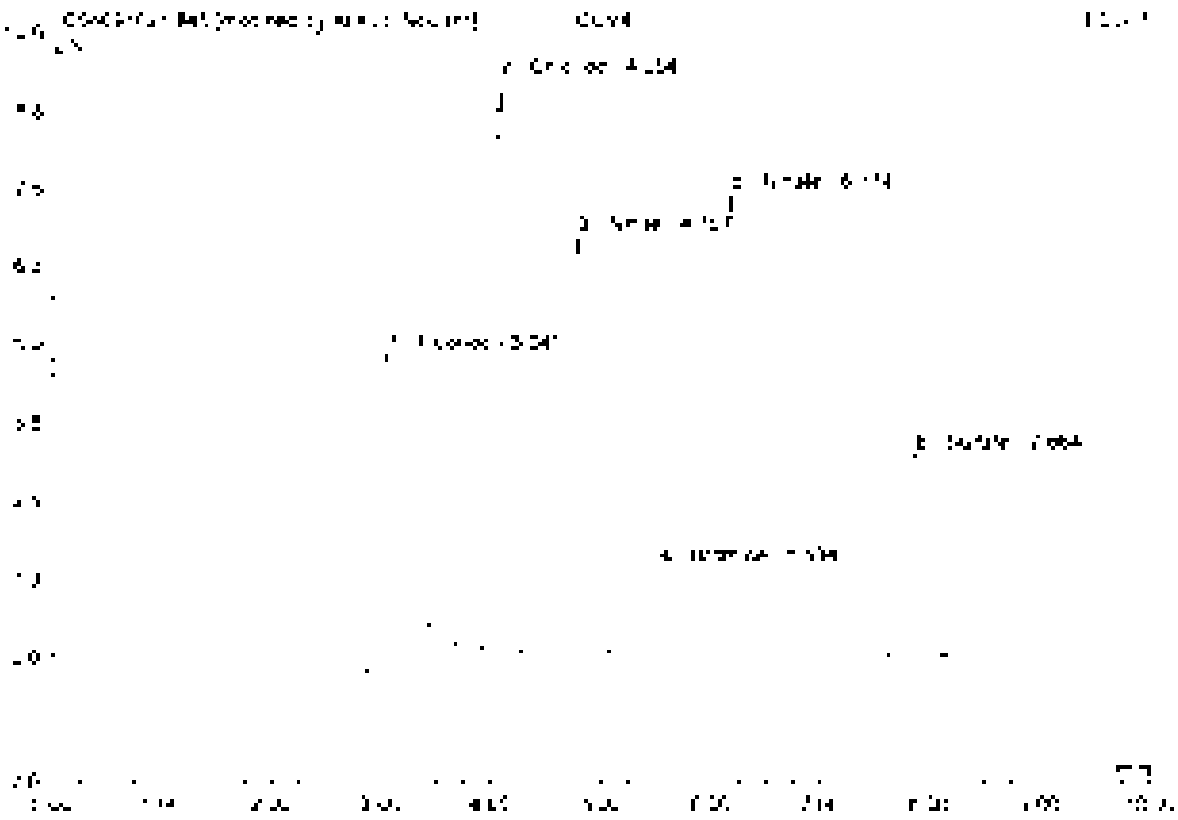
Sample Name	K2110291-009	Injection Volume	25.0
Vial Number	39	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Data File Prefix	epa300	Bandwidth	n.a.
Sample Method	epa300	Dilution Factor	2.0000
Recording Time	9/15/2021 23:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.39	n.a.	0.736	3.118	100.00	[illegible]	BMB
Total			0.736	3.118	100.00	0.000	

45 CCV4

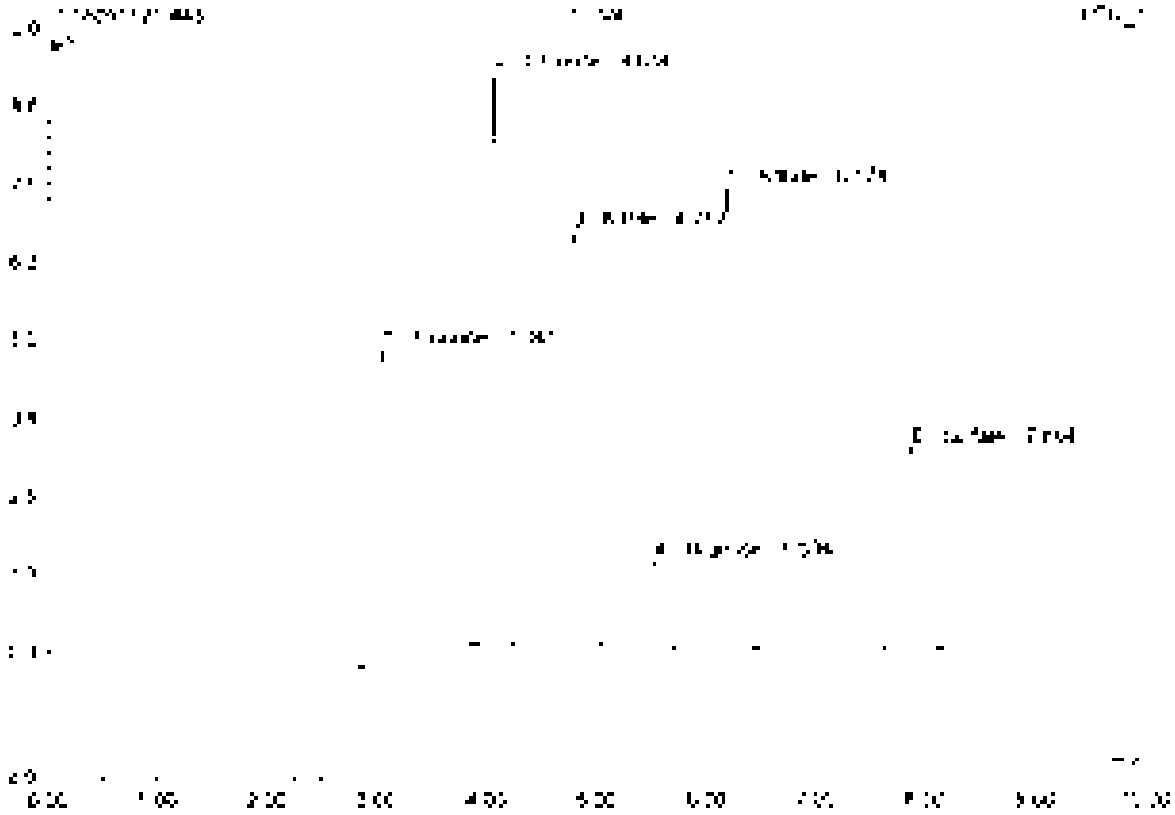
Sample Name:	CCV4	Injection Volume:	25.0
Vial Number:	49	Channel:	ECD 1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quantitation Method:	epa300	Dilution Factor:	1.0000
Processing Time:	9/16/2021 23:30	Sample Weight:	1.0000
Run Time (min):	10.00	Sample Amount:	1.0000



No.	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.68	Fluoride	5.020	[illegible]	24.00	6.937	BV[illegible]
2	4.05	Chloride	9.156	0.841	18.22	4.664	BV[illegible]
3	4.77	Nitrite	6.536	0.855	18.73	2.422	BV[illegible]
4	5.53	Bromide	1.426	0.174	3.75	2.355	BV[illegible]
5	6.17	Nitrate	[illegible]	1.020	22.09	2.305	BV[illegible]
6	7.86	Sulfate	3.242	0.569	12.17	[illegible]	BV[illegible]
Total:			32.582	4.610	100.00	21.386	

45 CCV4

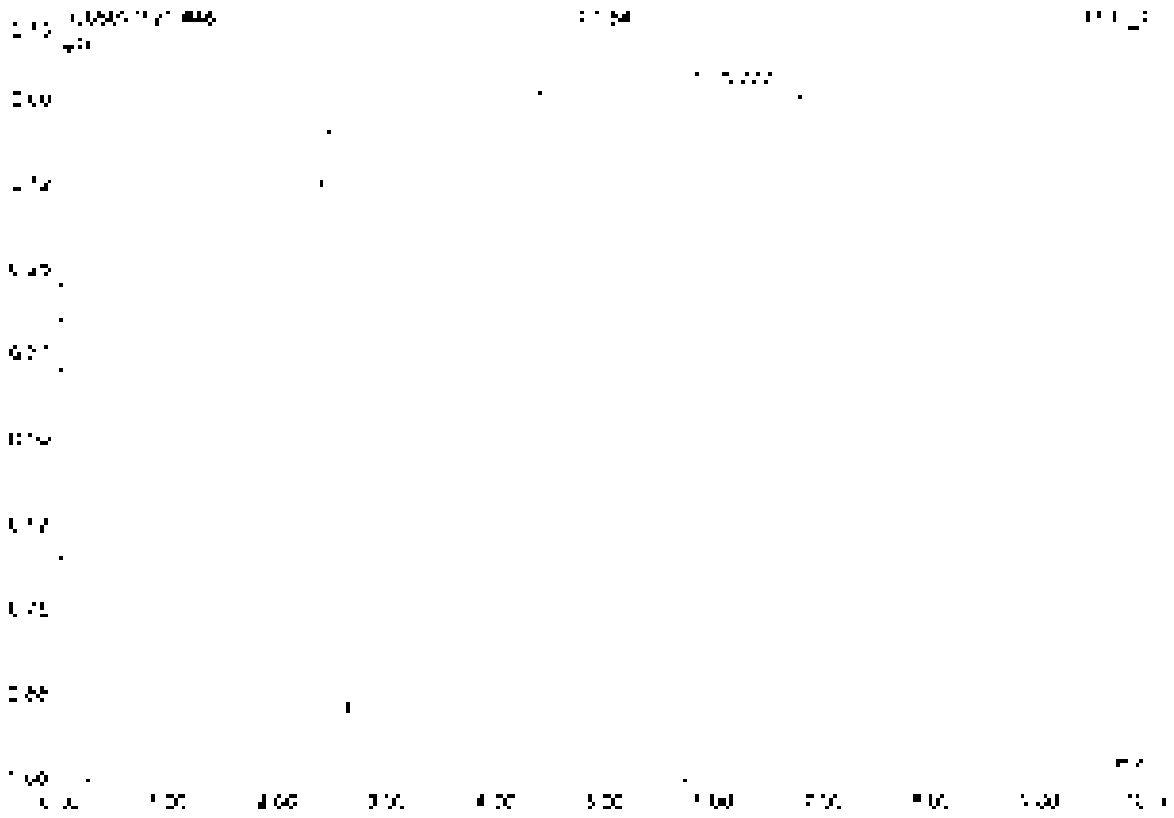
Sample Name	CCV4	Injection Volume	25.0
Run Number	45	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	5/16/2021 23:30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	5.056	1.156	25.40	5.319	BMB
2	4.05	Chloride	5.181	0.839	17.85	4.595	BMB
3	4.77	Nitrite	6.5[illegible]	0.865	18.40	2.472	BVB
4	5.53	Bromide	1.436	0.174	3.70	0.355	BVB
5	6.17	Nitrate	7.407	1.020	21.70	2.309	BVB
6	7.80	Sulfate	3.248	0.608	12.93	4.734	BVB
Total:			33.610	4.702	100.00	21.713	

46 CCB4

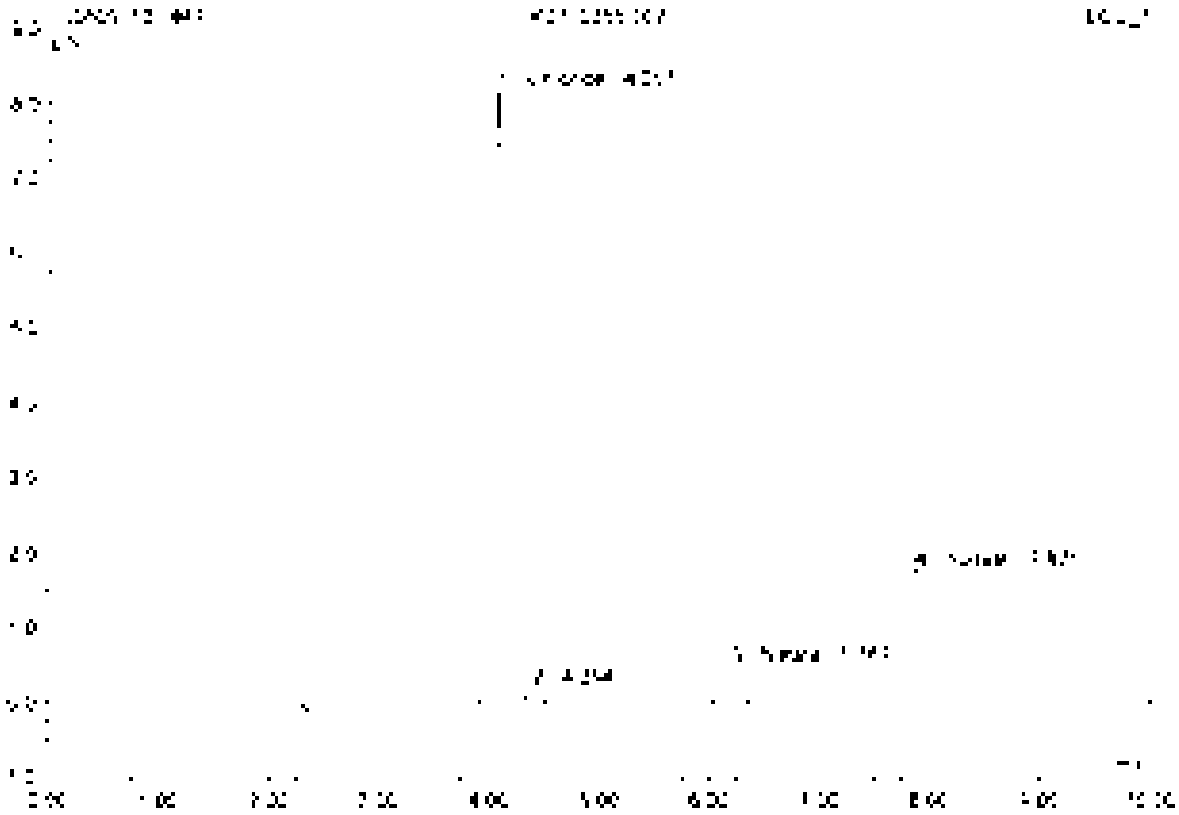
Sample Name	CCB4	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	9/16/2021 23:42	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.78	n.a.	0.532	2.155	100.00	n.a.	BV B
Total:			0.532	2.155	100.00	0.000	

47 K2110355-002

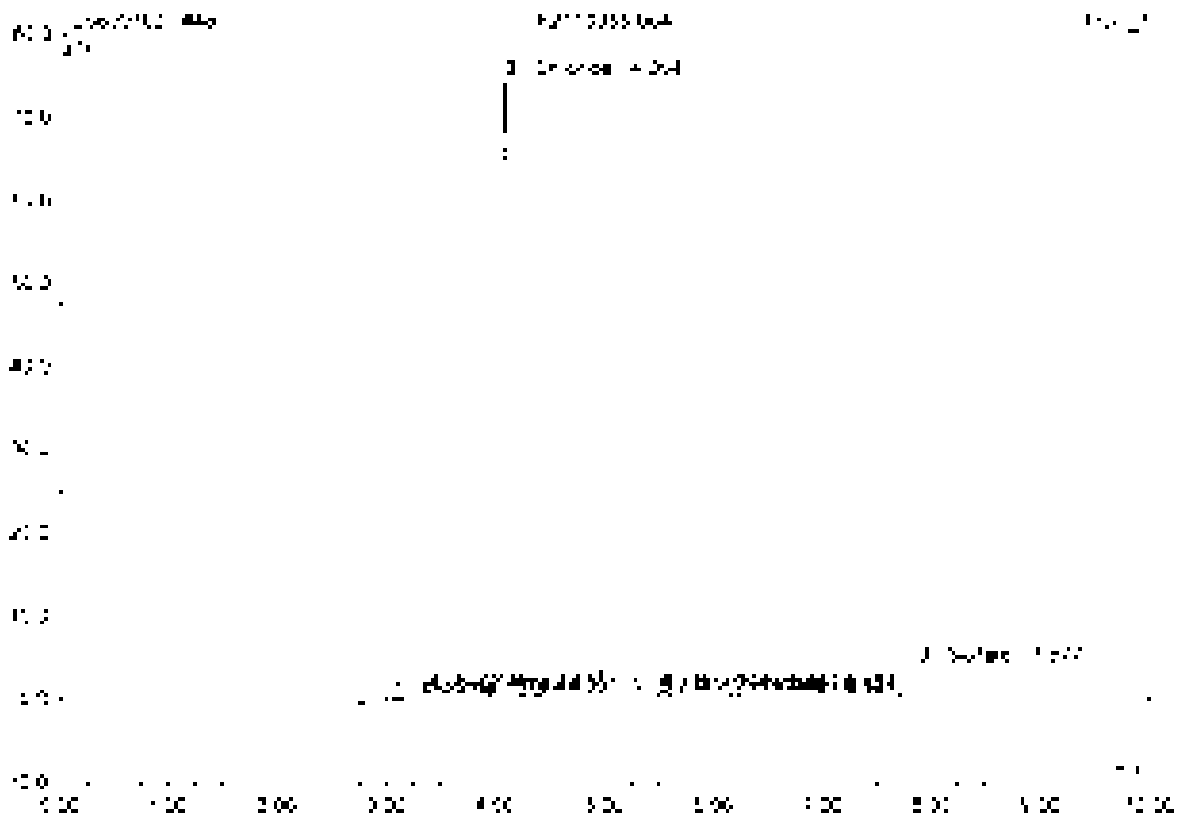
Sample Name	K2110355-002	Injection Volume	25.0
Vial Number	31	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	2.0000
Analysing Time	9/16/2021 23:54	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.06	Chloride	0.177	0.750	64.61	8.270	BV8
2	4.39	n.a.	0.177	0.218	18.81	n.a.	BV9
3	6.19	Nitrate	0.477	0.067	5.77	0.304	BV8
4	7.87	Sulfate	1.760	0.330	28.31	5.136	BV8
Total:			10.588	1.165	100.00	13.660	

48 K2110355-004

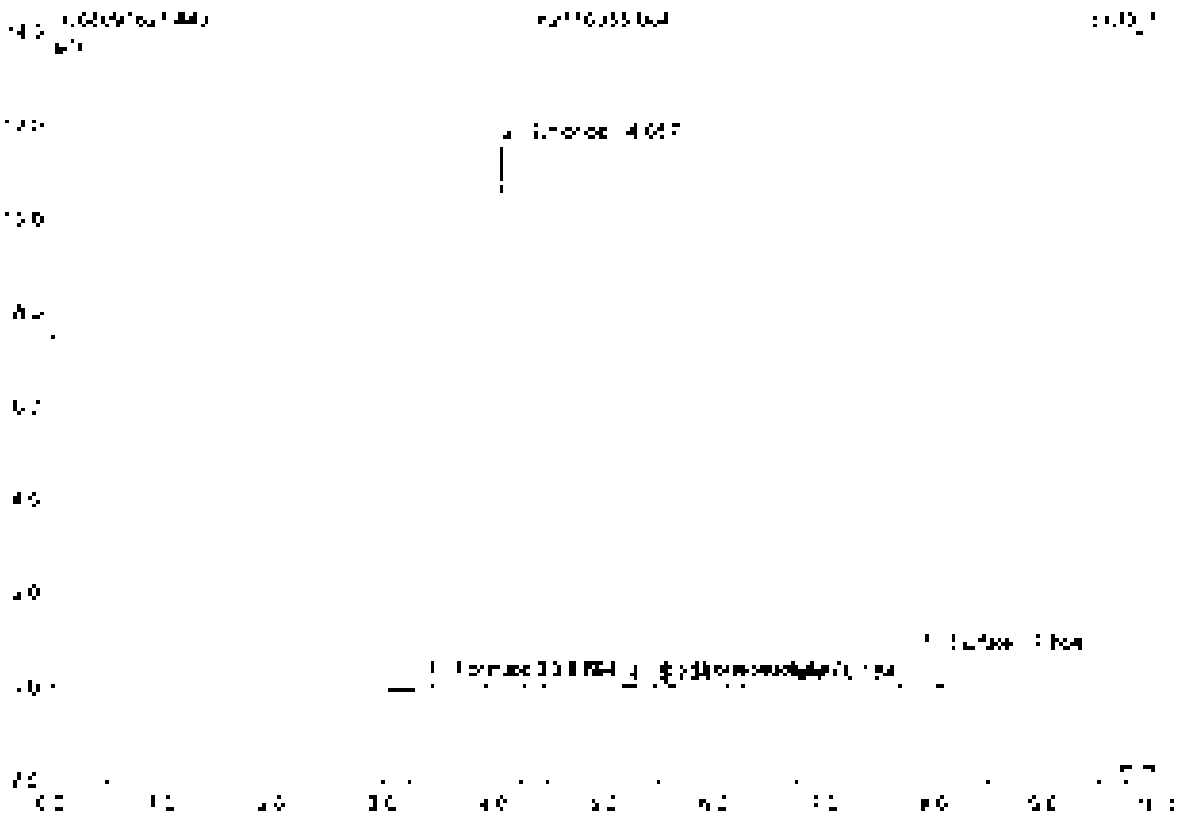
Sample Name	K2110355-004	Injection Volume	25.0
Vial Number	32	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Source Method	epa300	Dilution Factor	2.0000
Recording Time	5/17/2021 0:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.05	Fluoride	0.296	0.118	1.53	1.046	BMB
2	3.39	Formate	0.872	0.076	0.99	n.a.	BMB
3	4.06	Chloride	74.292	6.551	85.37	21.760	BMB
4	4.39	n.a.	0.120	0.010	0.13	n.a.	BMB
5	5.23	n.a.	0.272	0.032	0.42	n.a.	BMB
6	5.54	Bromide	0.746	0.093	1.21	2.516	BMB
7	6.20	Nitrate	0.452	0.047	0.61	0.301	BMB
8	6.93	n.a.	0.057	0.020	0.25	n.a.	BMB
9	7.88	Sulfate	3.684	0.458	5.97	11.019	BMB
Total:			80.986	7.673	100.00	36.642	

49 K2110355-004

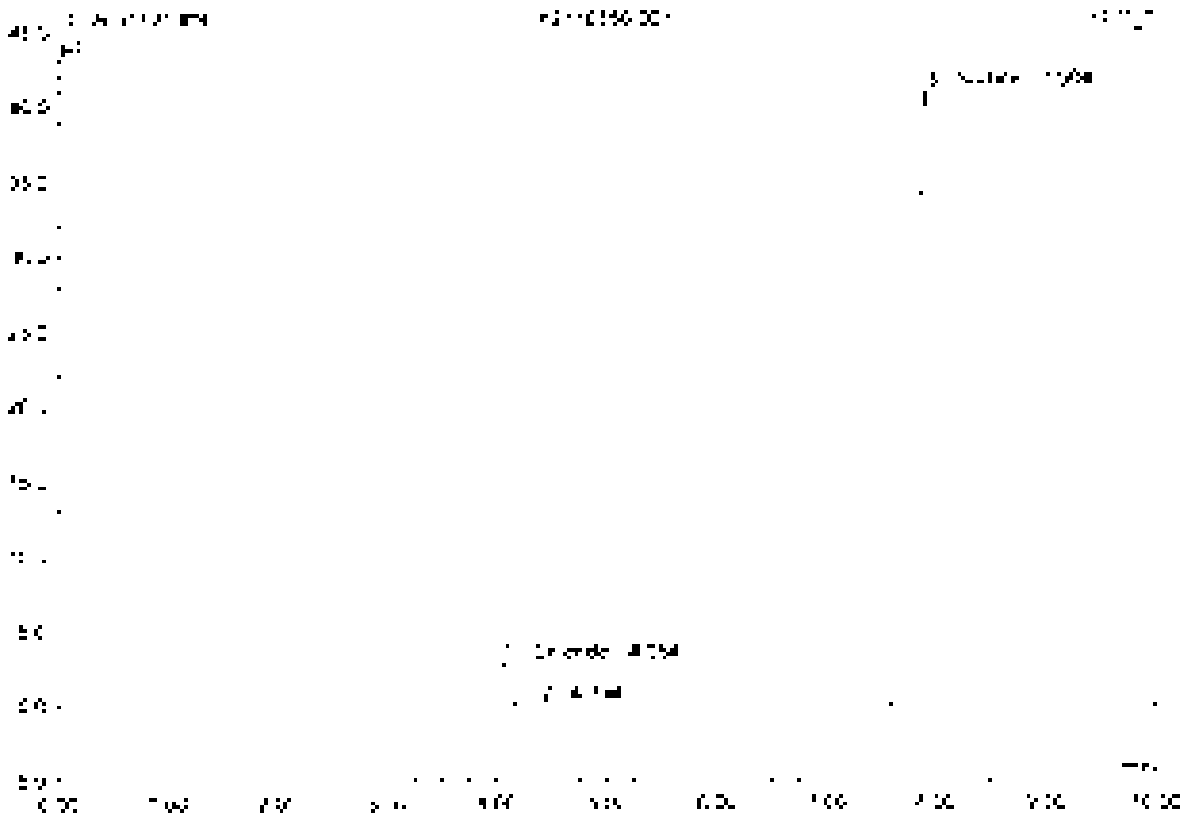
Sample Name	K2110355-004	Injection Volume	25.0
Vial Number	33	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	10.0000
Recording Time	9/17/2021 0:17	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.35	Fluoride	0.201	0.034	2.65	n.a.	BMB
2	4.36	Chloride	1.613	1.057	83.18	5.7900	BMB
3	4.39	n.a.	0.101	0.010	0.77	n.a.	BMB
4	5.23	n.a.	0.053	0.006	0.47	n.a.	BMB
5	5.54	Nitrite	0.189	0.018	1.40	2.4173	BMB
6	5.12	Nitrate	0.091	0.013	1.00	0.2288	BMB
7	7.56	Sulfate	0.711	0.134	10.53	1.1418	BMB
Total:			12.521	1.271	100.00	11.032	

50 K2110356-001

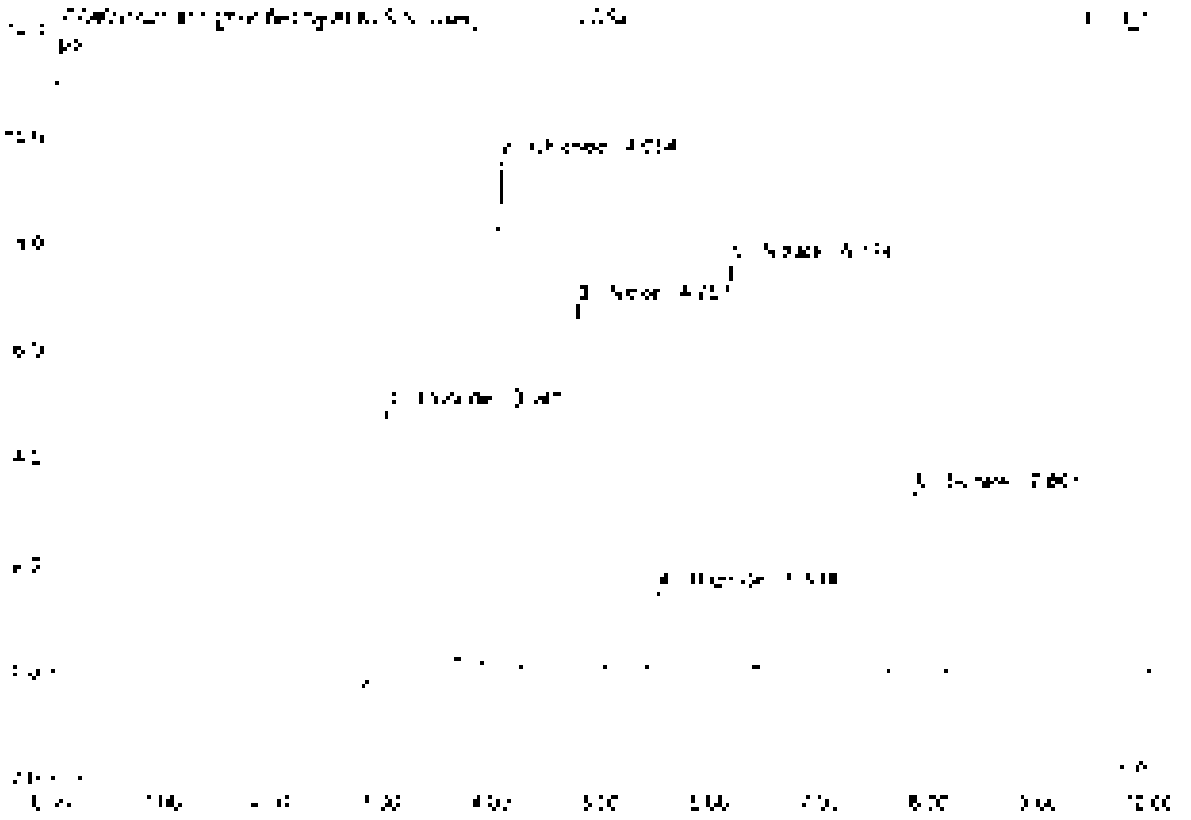
Sample Name	K2110356-001	Injection Volume	10.0
Vial Number	34	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Control Factor	20.0000
Recording Time	8/17/2021 0:20	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.02	Chloride	2.841	0.264	3.41	26.973	BMB
2	6.15	n.a.	0.064	0.007	0.09	n.a.	BMB
3	7.90	Sulfate	40.981	7.441	96.49	1152.619	BMB
Total:			43.887	7.713	100.00	1127.592	

51 LCS2

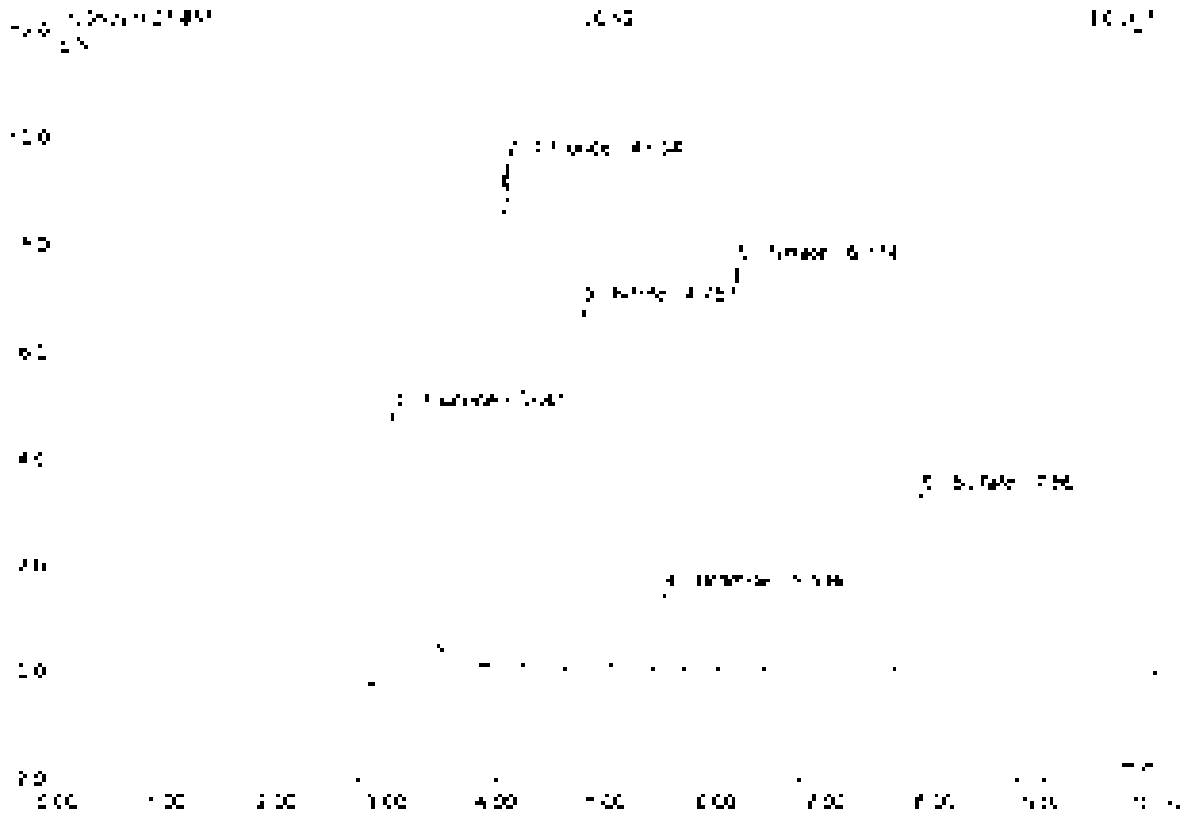
Sample Name	LCS2	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recovery Time	5/17/2021 8:41	Sample Weight	1.0000
Run Time [min]	10.00	Sample Amount	1.0000



No.	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	5.341	1.117	2.55	4.541	BMB*
2	4.05	Chloride	94.65	8.570	19.55	6.706	BMB*
3	4.77	Nitrite	6.806	8.553	19.52	2.472	BMB
4	5.53	Bromide	1.474	5.121	3.83	2.446	BMB
5	6.12	Nitrate	7.001	10.046	22.10	2.368	BMB
6	7.86	Sulfate	3.227	5.620	12.82	4.872	BMB
Total:			33.759	43.817	100.00	21.865	

51 LCS2

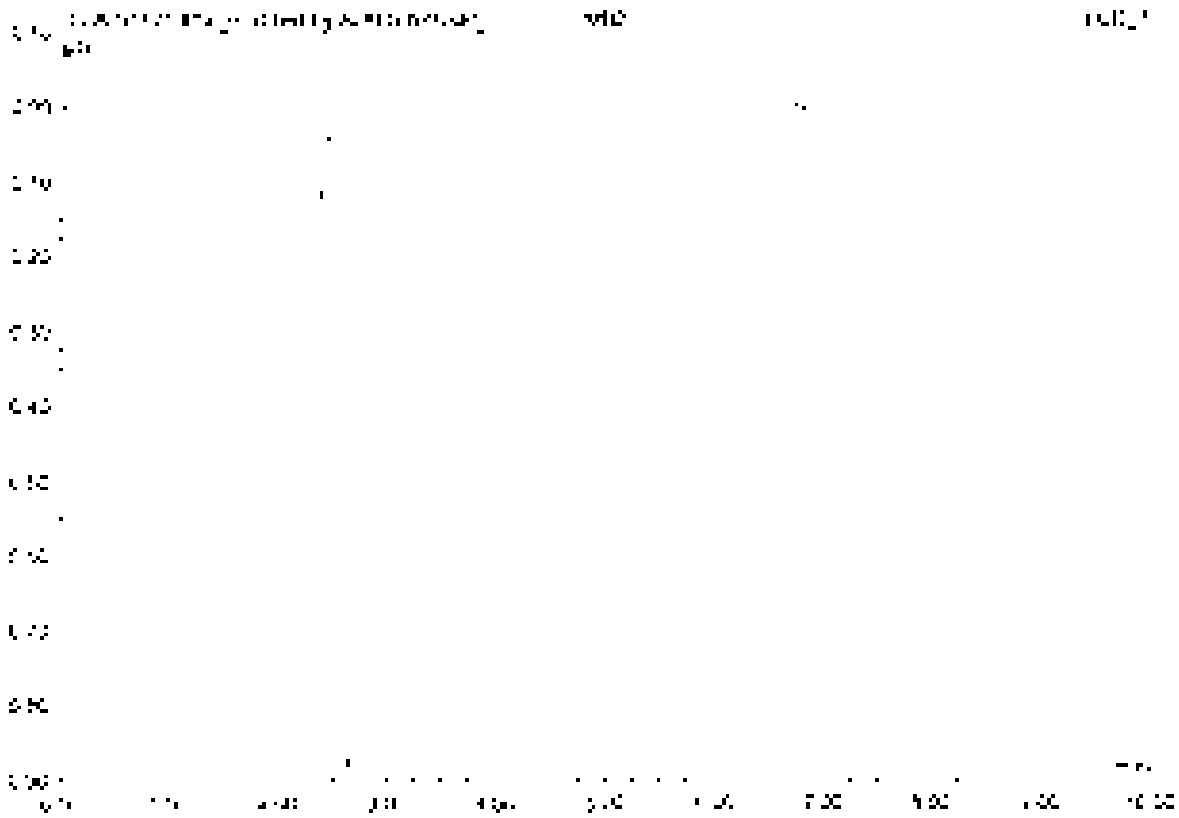
Sample Name	LCS2	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Method Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Processing Time	W1Tr2025 0.41	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	4.35	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
3	[illegible]	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]	BMB
4	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	BMB
5	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
6	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

52 MB2

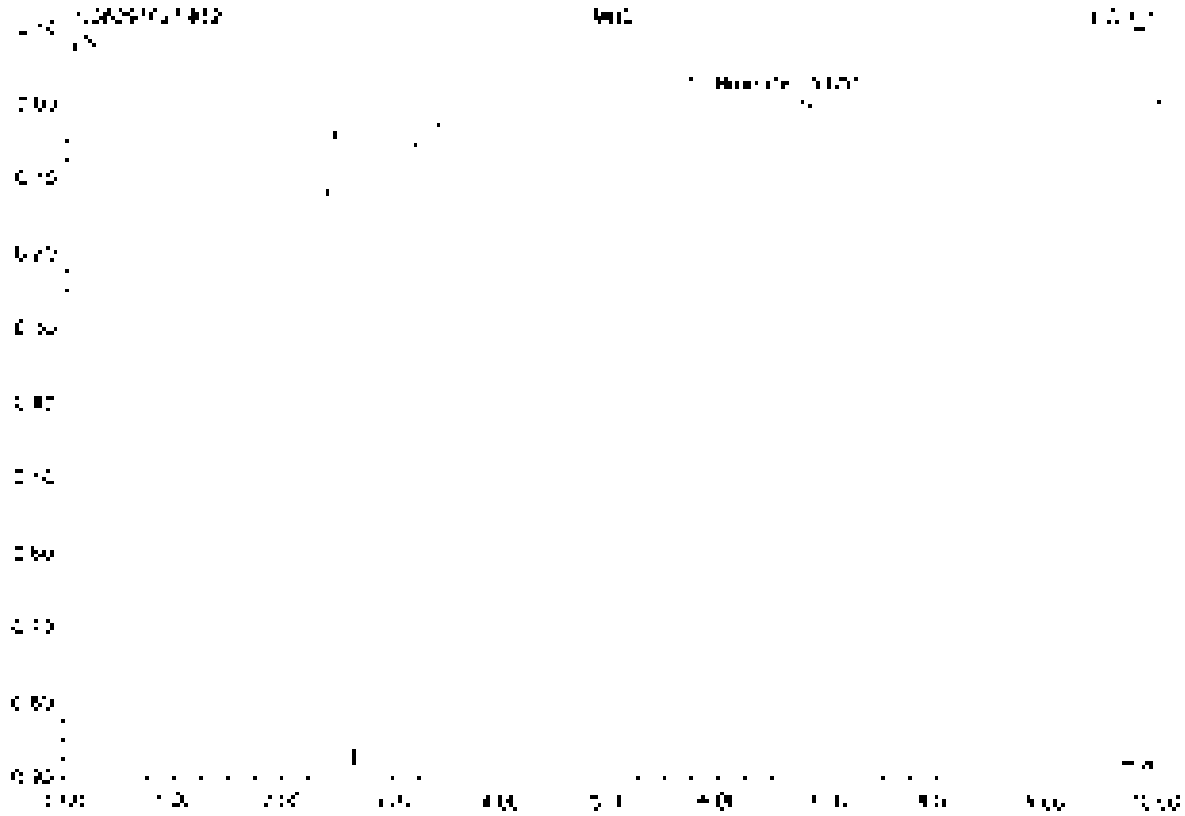
Sample Name	MB2	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/11/2021 0:57	Sample Weight	1.0000
Run Time (max.)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

52 MB2

Sample Name	MB2	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	[illegible] 0.52	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

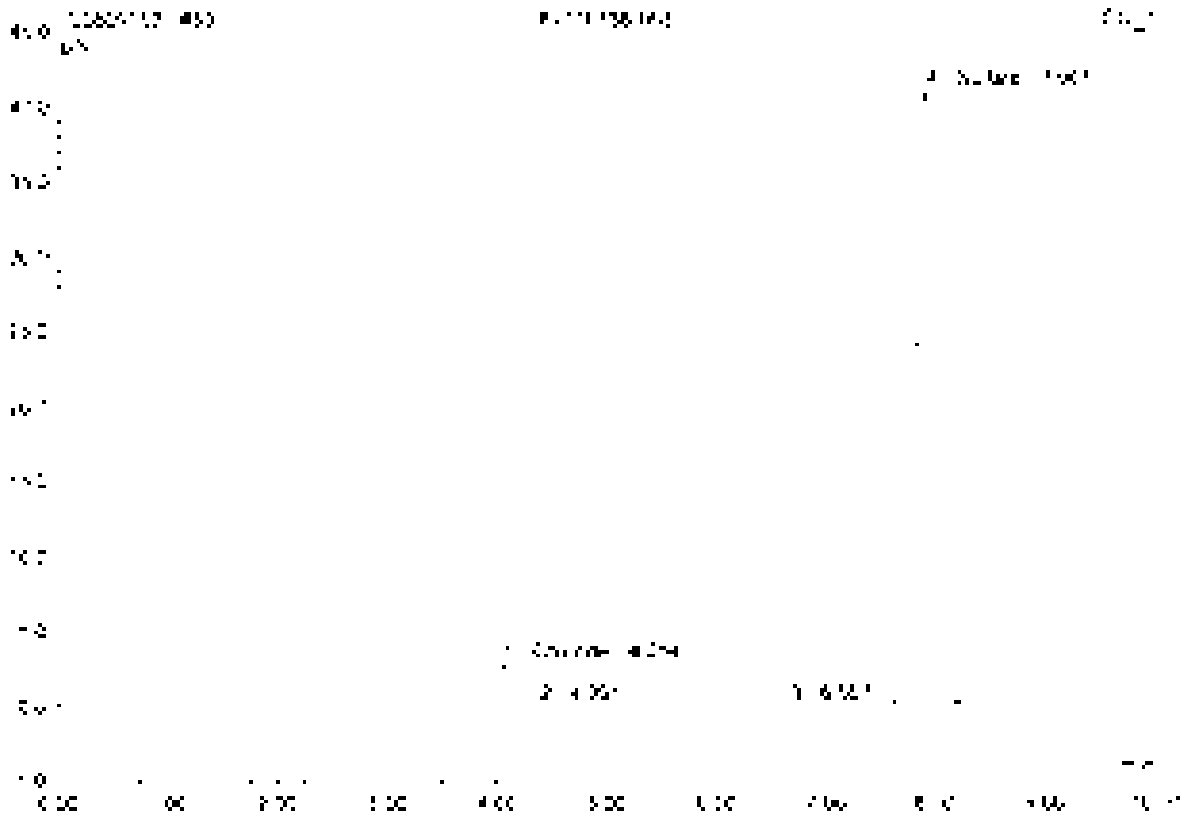


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	BM B
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

[illegible]

53 K2110356-003

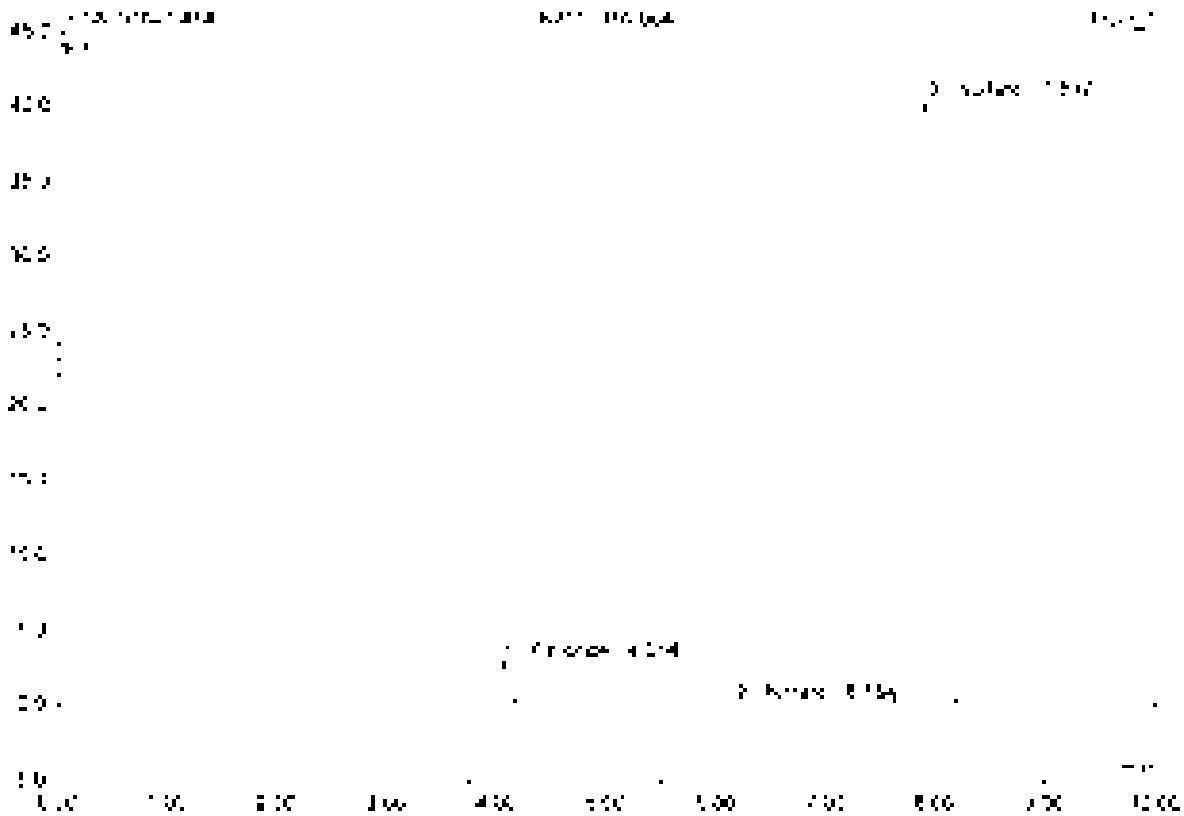
Sample Name	K2110356-003	Injection Volume	25.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	20.0000
Recording Time	9/17/2021 1:04	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	2.842	0.262	3.44	25.044	BV8
2	4.39	n.a.	0.051	0.005	0.07	n.a.	BV8
3	6.67	n.a.	0.079	0.005	0.07	n.a.	BV8
4	7.90	Sulfate	41.034	7.436	96.43	1167.974	BV8
Total			43.947	7.713	100.00	1186.563	

54 K2110356-004

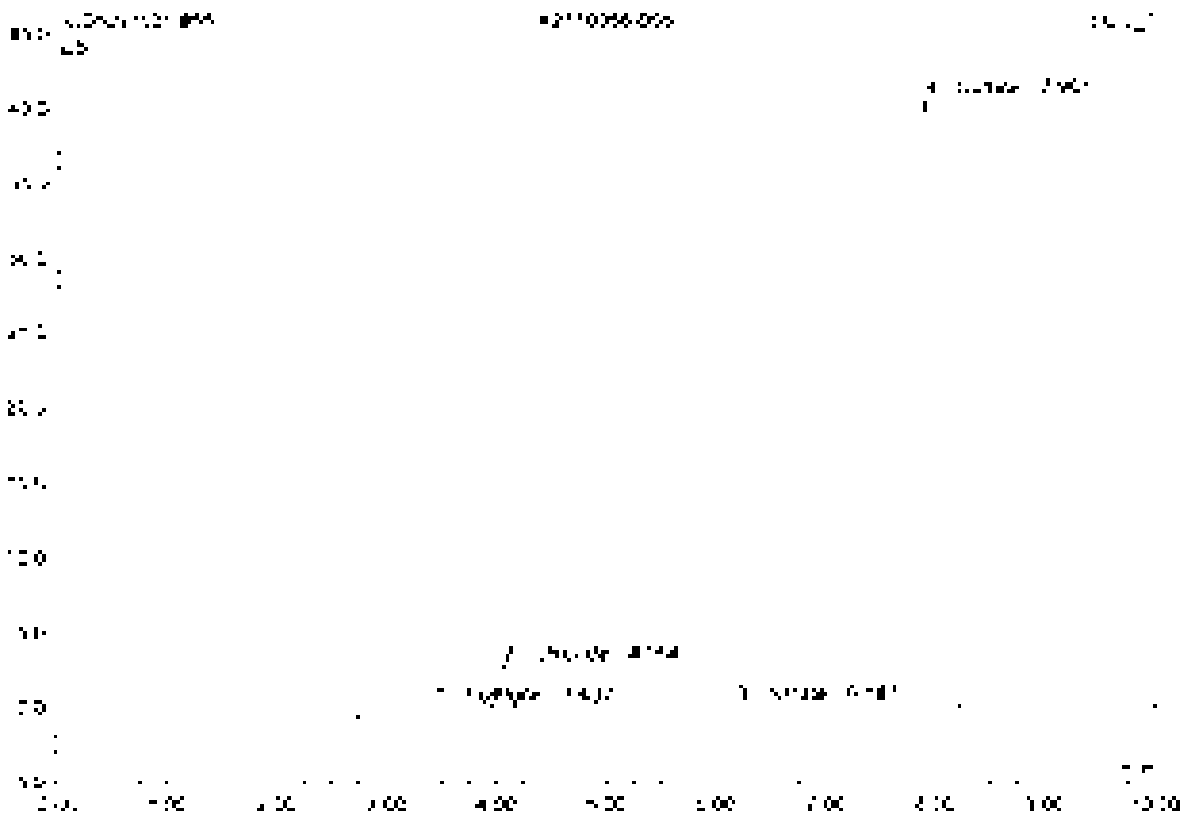
Sample Name	K2110356-004	Injection Volume	25.0
Vial Number	35	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	20.0000
Processing Time	9/17/2021 1:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	2.802	0.263	2.47	28.843	BV B
2	6.15	Nitrate	0.047	0.007	0.06	0.302	BV B
3	7.90	Sulfate	40.297	7.316	96.44	1139.100	BV B
Total:			43.152	7.586	100.00	1168.246	

55 K2110356-005

Sample Name	K2110356-005	Injection Volume	25.0
Vial Number	37	Column	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Processing Time	9/17/2021 1:28	Sample Weight	1.0000
Run Temperature	40.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.44	Formate	0.337	0.317	4.72	n.a.	BMB
2	4.05	Chloride	2.804	0.362	3.78	28.724	BMB
3	6.19	Nitrite	0.243	0.006	0.08	0.284	BV B
4	7.50	Sulfate	40.548	7.344	91.42	1143.441	BV B
Total:			43.932	7.029	100.00	1172.449	

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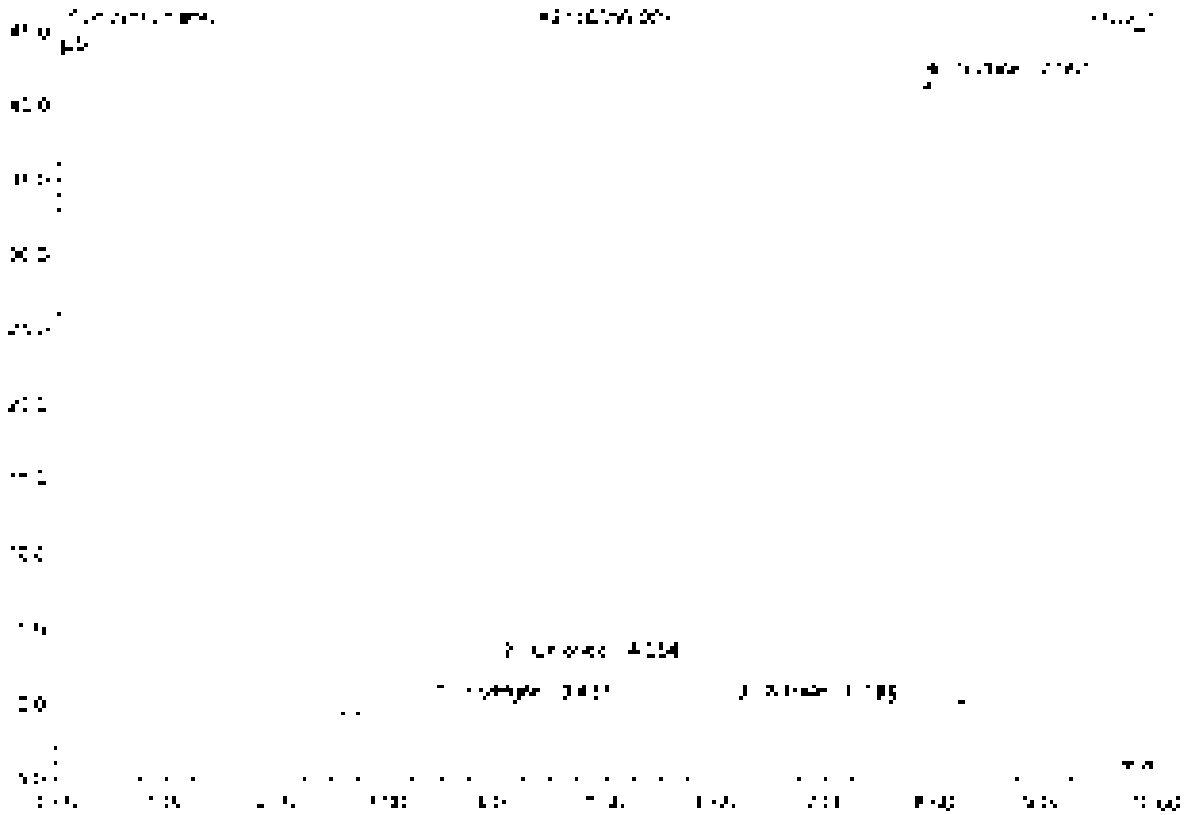
56 K2110356-007

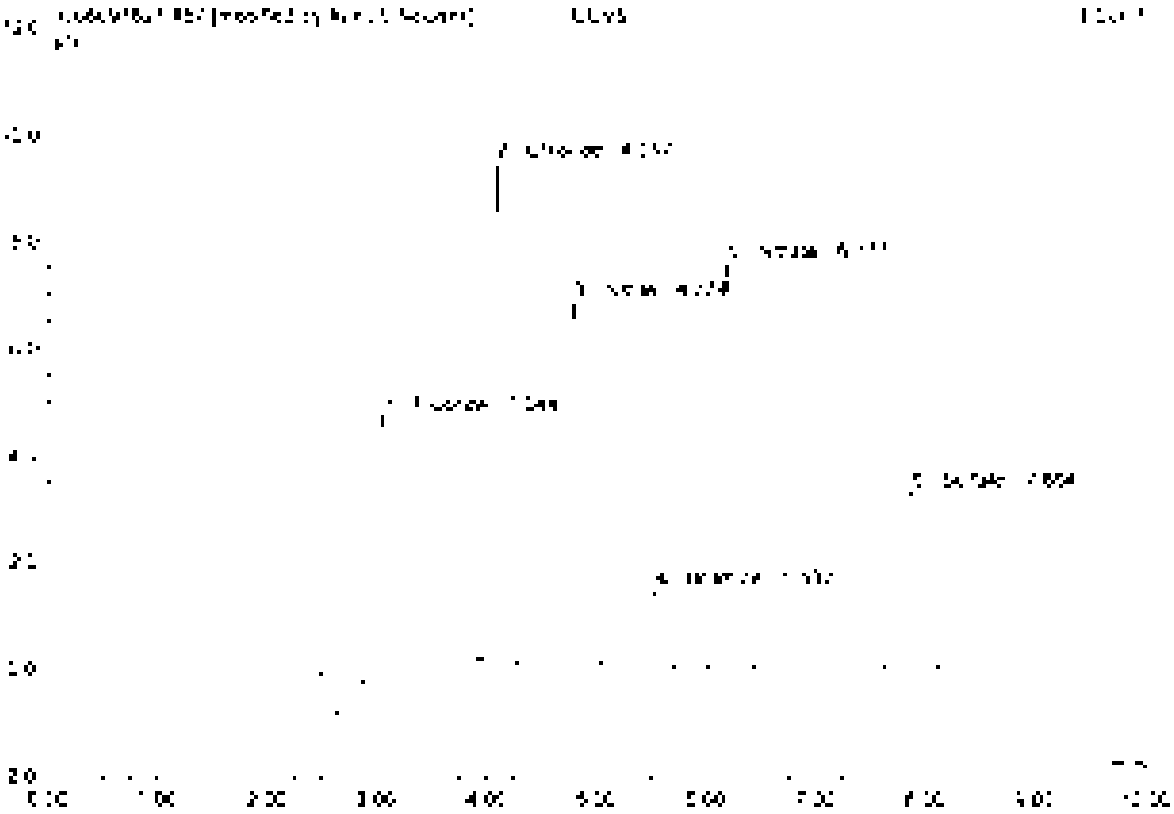
Sample Name	K2110356-007	Injection Volume	25.0
Vial Number	34	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	30.0000
Processing Time	[illegible] 1:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Fumarate	[illegible]	[illegible]	[illegible]	n.a.	BMB
2	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
3	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
4	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

57 CCV5

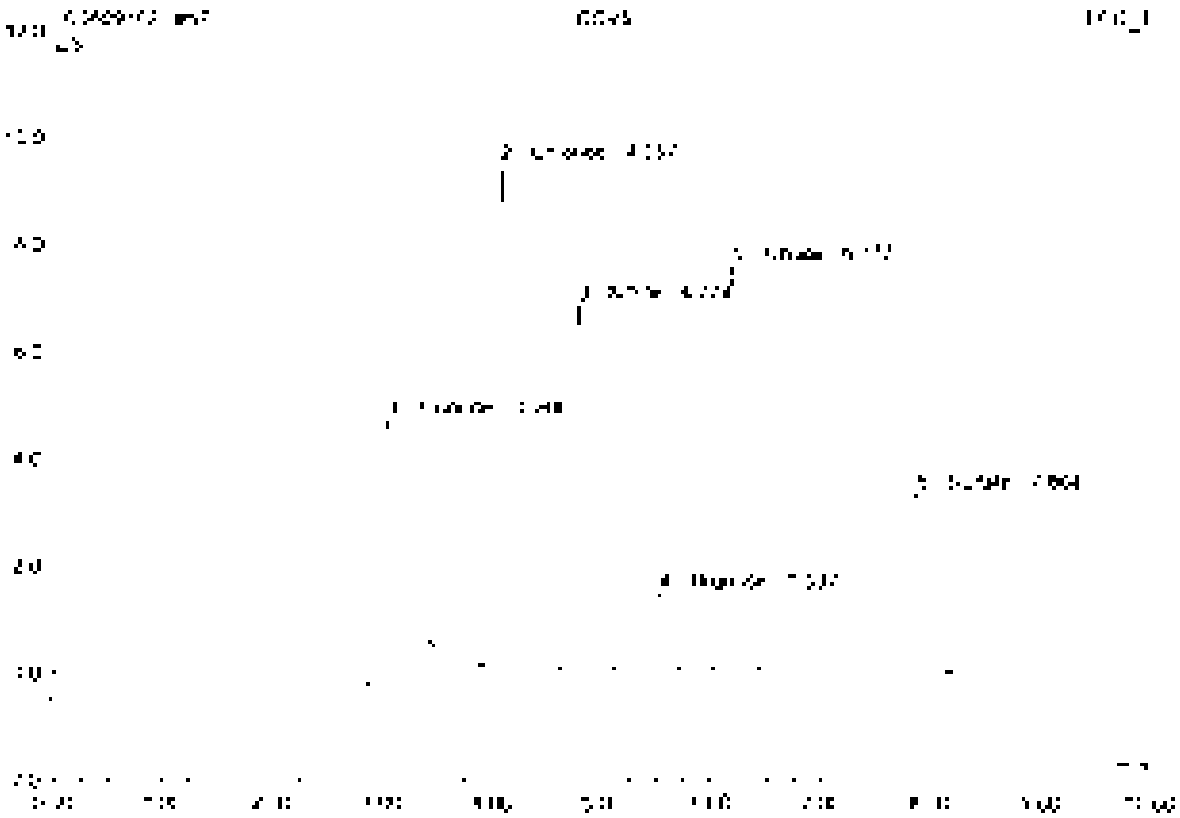
Sample Name	CCV5	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/17/2021 1:51	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	3.64	Fluoride	4.907	[illegible]	21.73	[illegible]	BMBT
2	4.06	Chloride	9.350	0.560	18.35	[illegible]	BMBT
3	4.47	Nitrite	8.925	0.550	18.01	3.422	BMB
4	5.54	Bromide	1.458	0.175	3.50	2.425	BMB
5	6.18	Nitrate	7.577	1.044	22.15	[illegible]	BMB
6	7.86	Sulfate	3.228	0.626	13.32	4.270	BMB
Total:			33.475	4.713	100.00	21.218	

57 CCV5

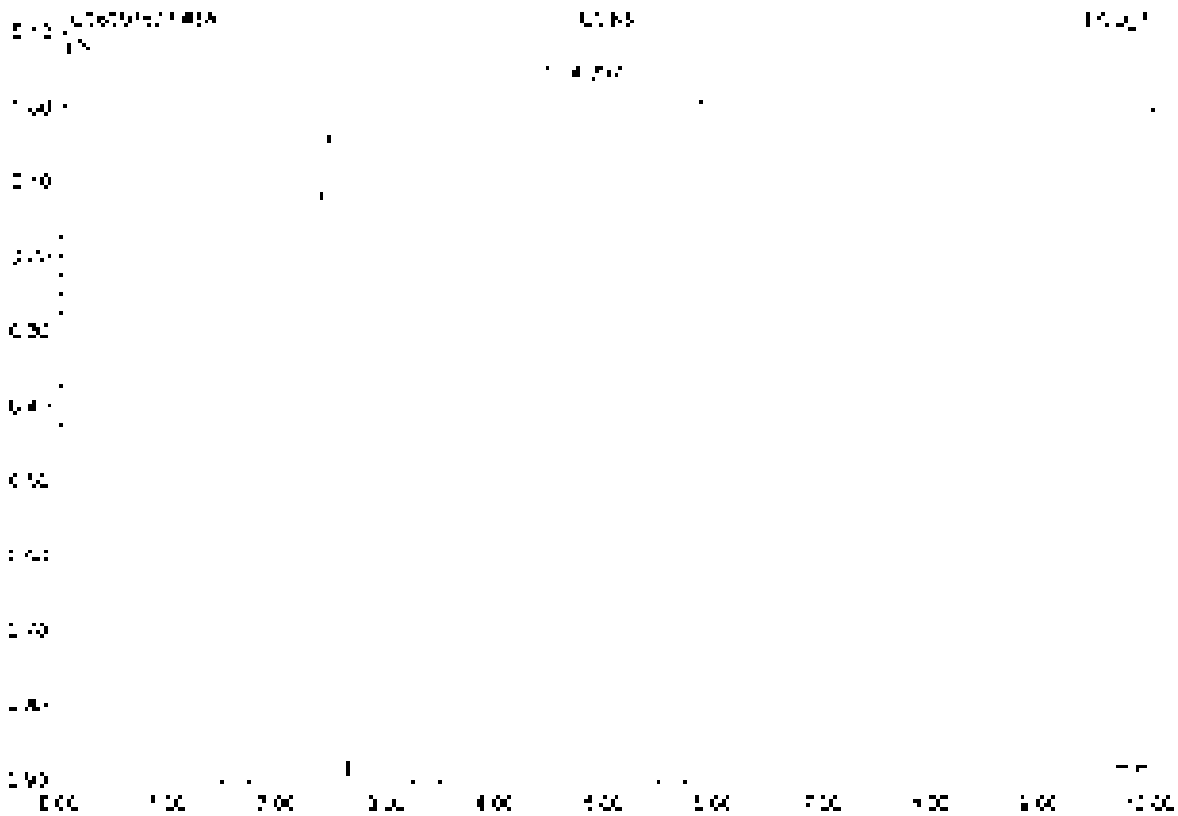
Sample Name	CCV5	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Acquiring Time	4/13/2021 1:51	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	8.931	[illegible]	24.81	5.275	BMB
2	4.05	Chloride	9.386	0.866	17.98	4.214	BMB
3	4.77	Nitrite	6.825	0.586	12.54	2.487	BMB
4	5.54	Bromide	1.452	0.179	3.74	2.425	BMB
5	6.15	Nitrate	7.577	1.044	21.84	2.363	BMB
6	7.86	Sulfate	3.378	0.620	12.95	6.870	BMB
Total:			33.502	4.782	100.00	22.729	

58 CCB5

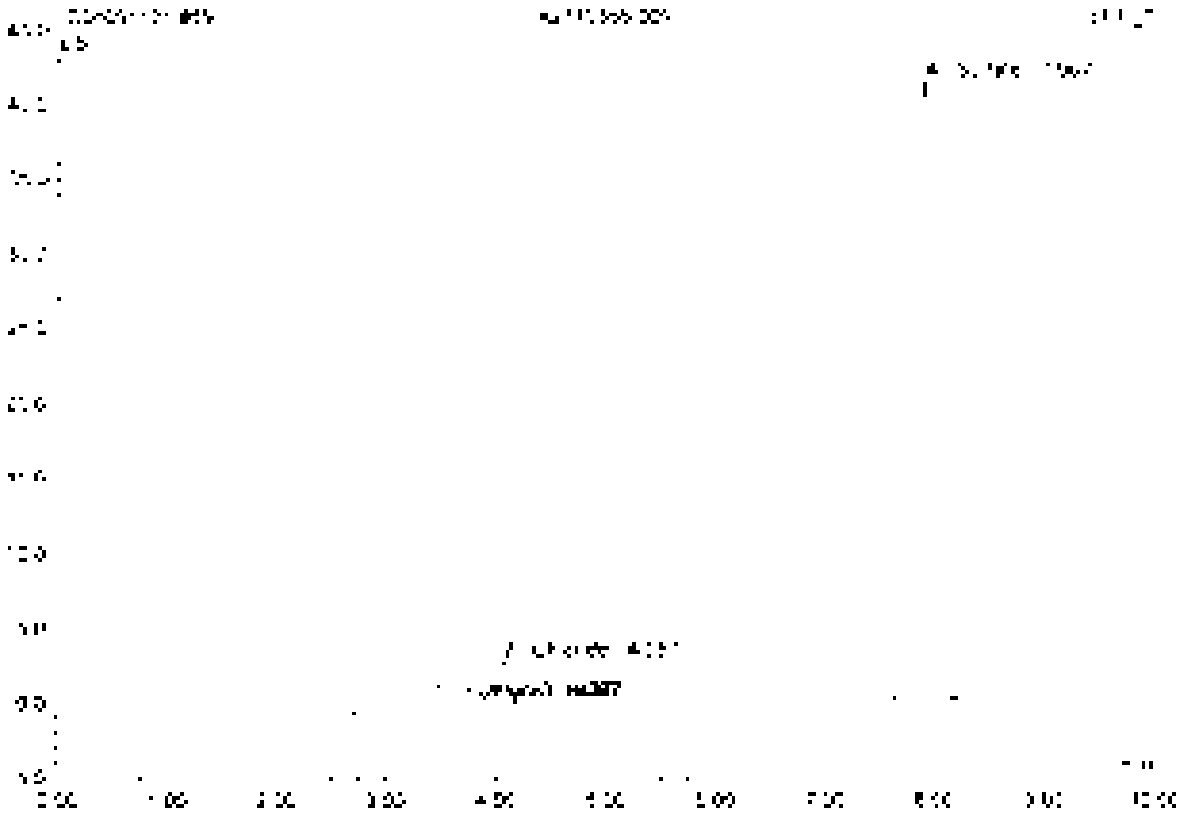
Sample Name	CCB5	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	9/17/2021 2:03	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.60	n.a.	0.712	3.151	100.00	n.a.	BMB
Total:			0.712	3.151	100.00	0.000	

59 K2110356-009

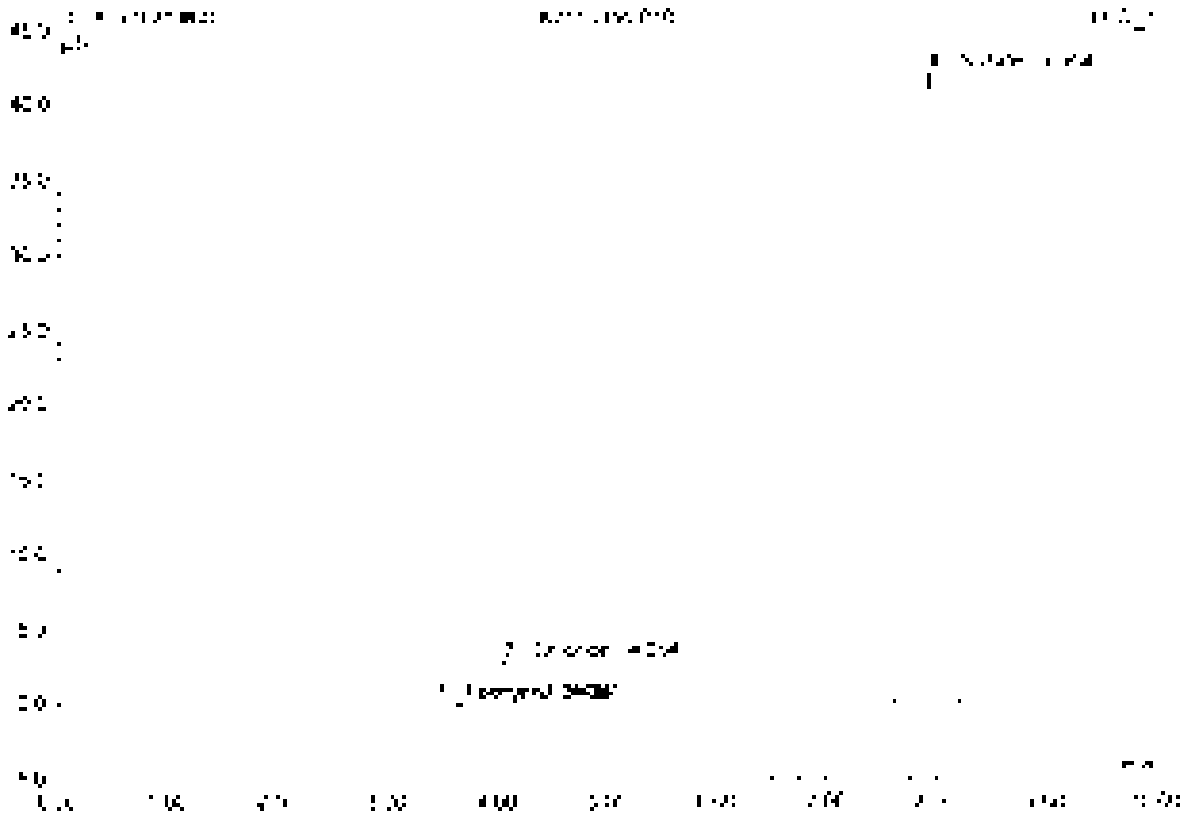
Sample Name	K2110356-009	Injection Volume	25.0
Vial Number	39	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	ipa300	Pulsewidth	n.a.
Quantit. Method	ipa300	Dilution Factor	20.0000
Processing Time	9/17/2021 2:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.46	Formate	0.355	0.377	4.52	n.a.	BMB
2	4.05	Chloride	2.771	0.215	2.57	28.337	BVB
3	4.40	n.a.	0.064	0.006	0.08	n.a.	BMB
4	7.91	Sulfate	41.410	7.535	90.14	[illegible]	BMB
Total:			44.605	8.172	100.00	1201.592	

60 K2110356-010

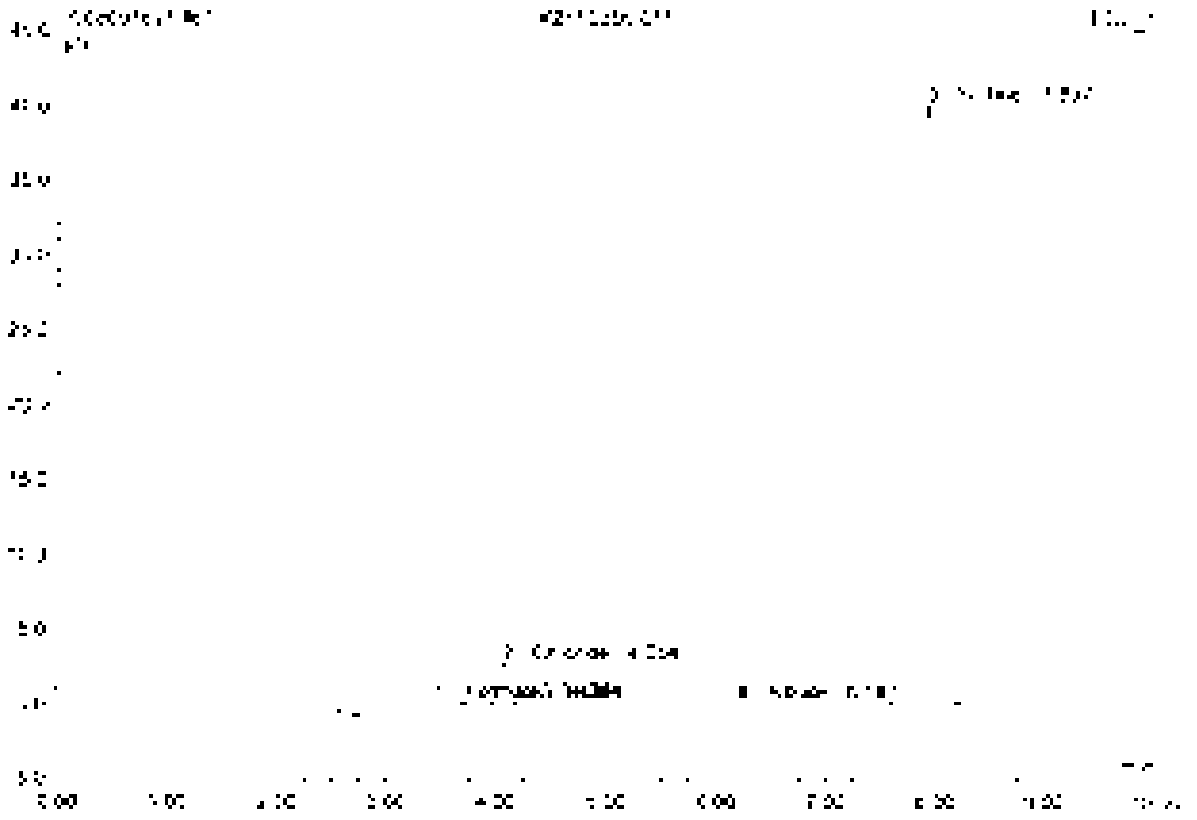
Sample Name	K2110356-010	Injection Volume	25.0
Vial Number	40	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	20.0000
Recording Time	[illegible]/2021 2:26	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.43	Formate	0.343	0.363	4.32	n.a.	BMB
2	4.05	Chloride	2.835	0.255	3.19	25.352	BMB
3	4.34	n.a.	0.057	0.006	0.07	n.a.	BMB
4	7.50	Sulfate	42.112	7.536	92.42	[illegible]	BVA
Total:			45.353	8.328	100.00	[illegible]	

61 K2110356-011

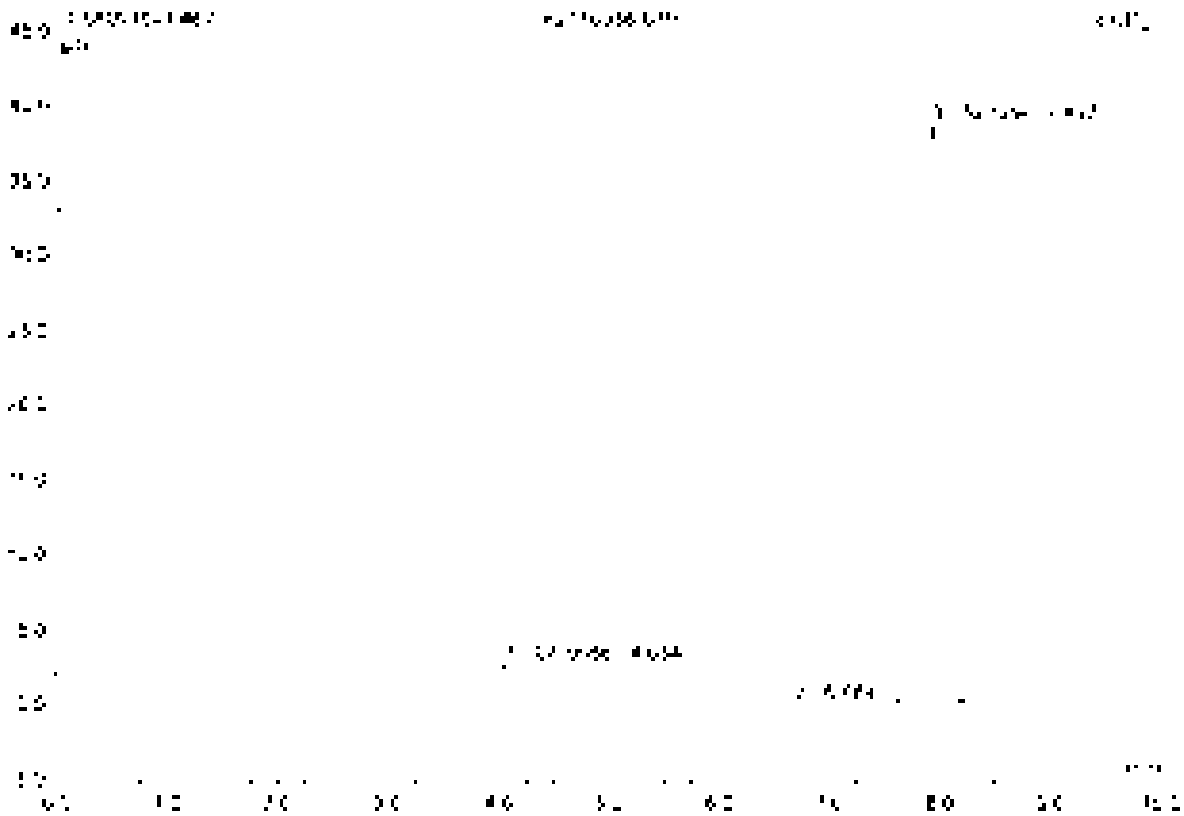
Sample Name	K2110356-011	Injection Volume	25.0
Vial Number	41	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Method Method	epa300	Dilution Factor	20.0000
Recording Time	9/17/2021 2:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.43	Formate	0.374	0.327	4.16	n.a.	BMB
2	4.05	Chloride	2.677	0.252	3.20	27.555	BMB
3	4.39	n.a.	0.081	0.006	0.08	n.a.	BMB
4	6.16	Nitrate	0.038	0.006	0.07	0.253	BMB
5	7.90	Sulfate	40.679	4.214	52.49	1132.745	BMB
Total:			43.849	7.866	100.00	1160.551	

62 K2110356-019

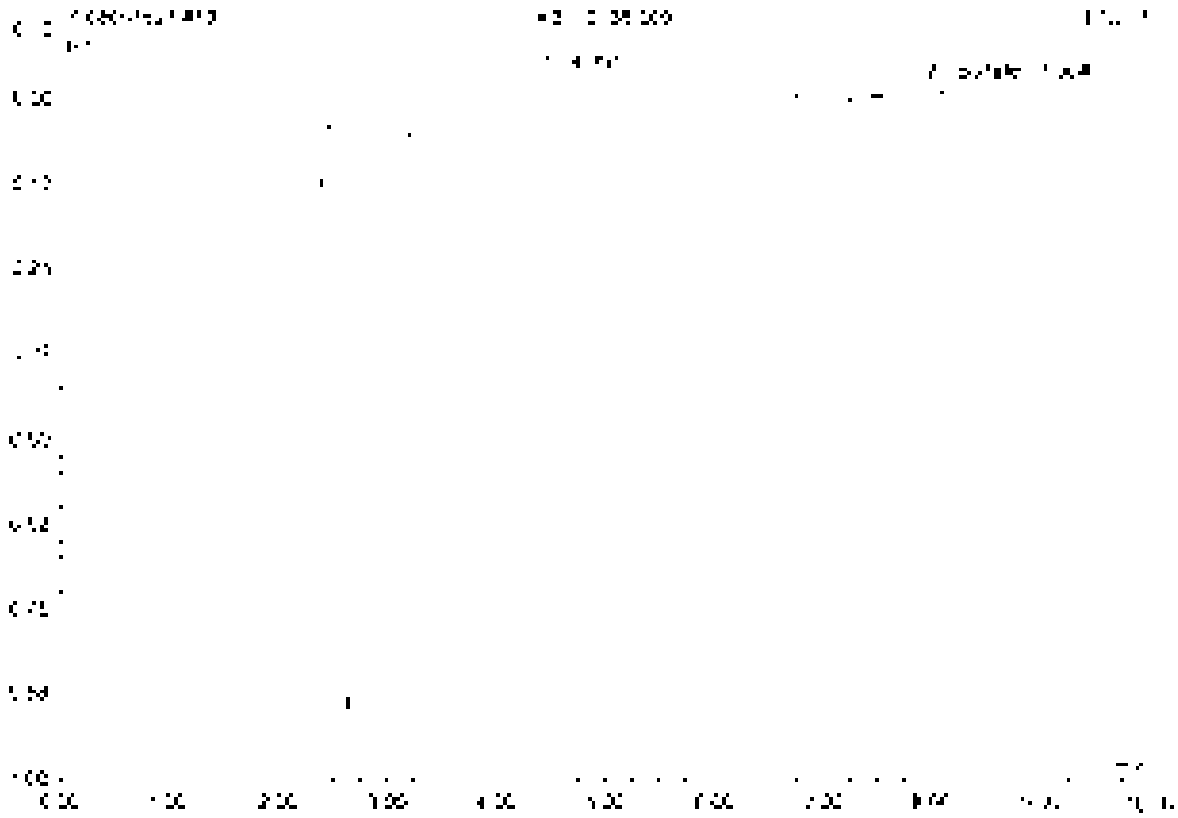
Sample Name	K2110356-019	Injection Volume	25.0
Vial Number	42	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Method Filename	epa300	Bandwidth	n.a.
Sample Method	epa300	Dilution Factor	20.0000
Acquisition Time	9/17/2021 2:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	2.715	0.254	3.46	27.871	BV8
2	6.08	n.a.	0.023	0.007	0.09	n.a.	BV8
3	7.90	Sulfate	38.604	7.084	96.44	[illegible]	BV8
Total:			41.408	7.345	100.00	[illegible]	

63 K2110138-009

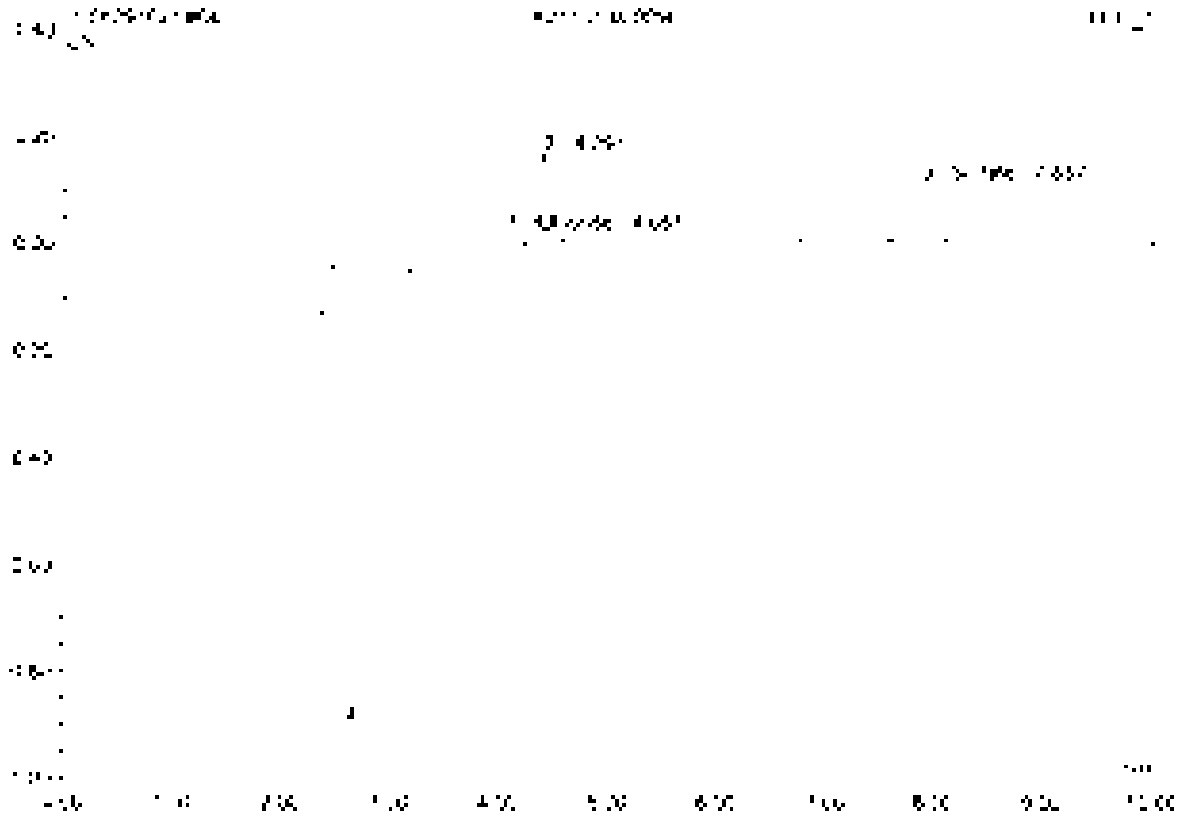
Sample Name	K2110138-009	Injection Volume	35.0
Vial Number	43	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	9/17/2021 3:01	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.09	n.a.	0.596	[illegible]	99.67	n.a.	BMB
2	7.60	Solute	0.021	0.006	0.33	0.006	cMB
Total			0.617	1.896	100.00	0.006	

64 K2110138-009D

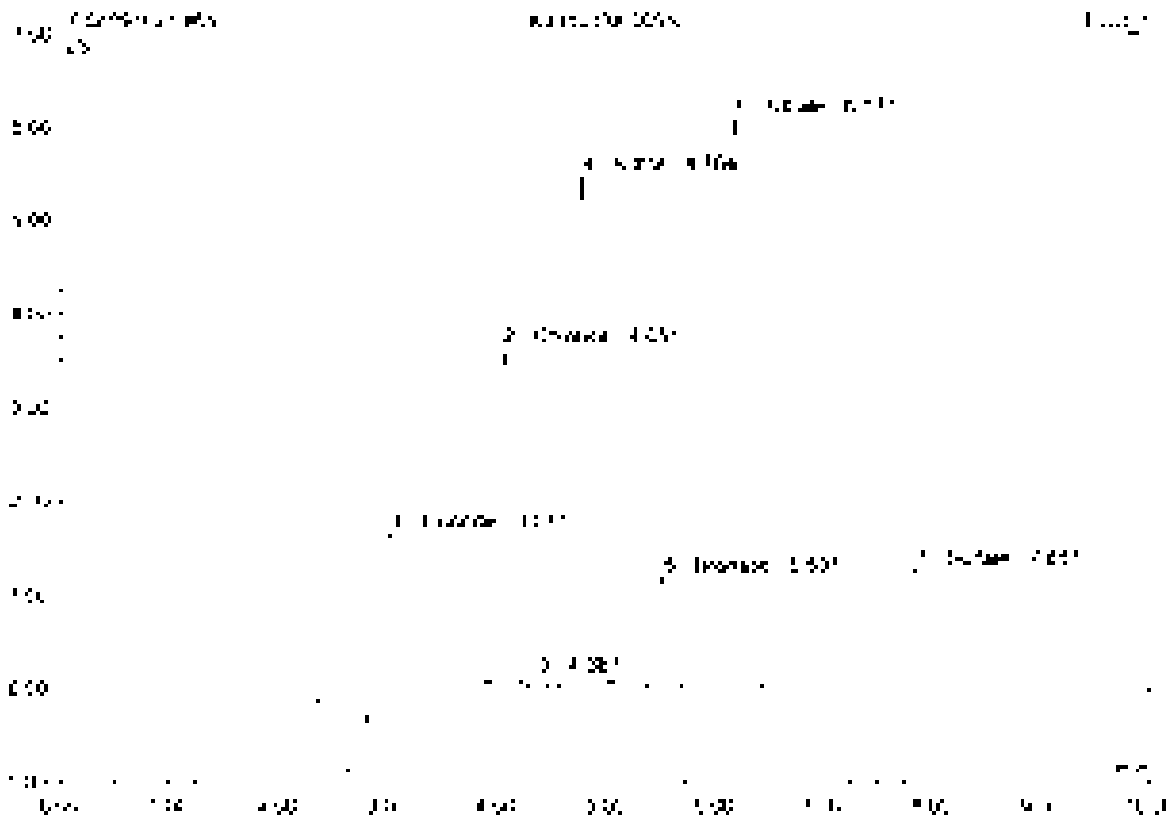
Sample Name	K2110138-009D	Injection Volume	25.0
Vial Number	44	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Separation	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Analyzing Time	9/07/2021 3:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.35	Chloride	0.122	0.542	93.01	5.934	BMB
2	4.39	n.a.	0.164	0.018	3.05	n.a.	BV3
3	7.86	Sulfate	0.171	0.020	3.93	0.357	BMB
Total:			0.358	0.582	100.00	6.290	

65 K2110138-009S

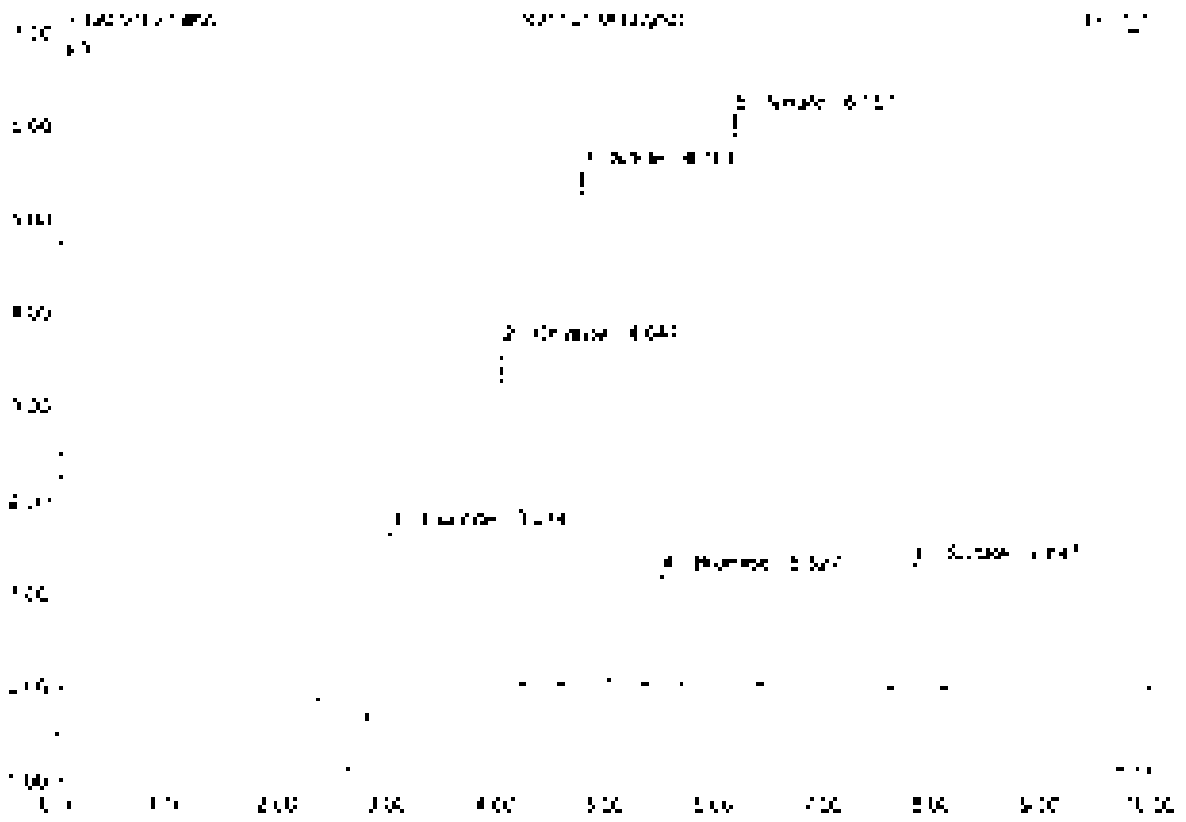
Sample Name	K2110138-009S	Injection Volume	25.0
Vial Number	45	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Comm. Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	4.0000
Recording Time	9/17/2021 9:24	Sample Weight	1.0000
Inj. Timeout	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	1.537	0.537	15.04	5.563	BMB
2	4.05	Chloride	3.595	0.994	11.84	7.325	BMB
3	4.20	n.a.	0.092	0.013	0.35	n.a.	AMB
4	4.75	Nitrite	5.452	0.735	25.00	7.931	BMB
5	5.53	Bromide	1.190	0.146	5.17	7.907	BMB
6	6.17	Nitrate	6.092	0.845	29.94	7.949	BMB
7	7.85	Sulfate	1.256	0.242	8.57	7.517	BMB
Total:			19.664	2.872	100.00	47.995	

B6 K2110138-009SD

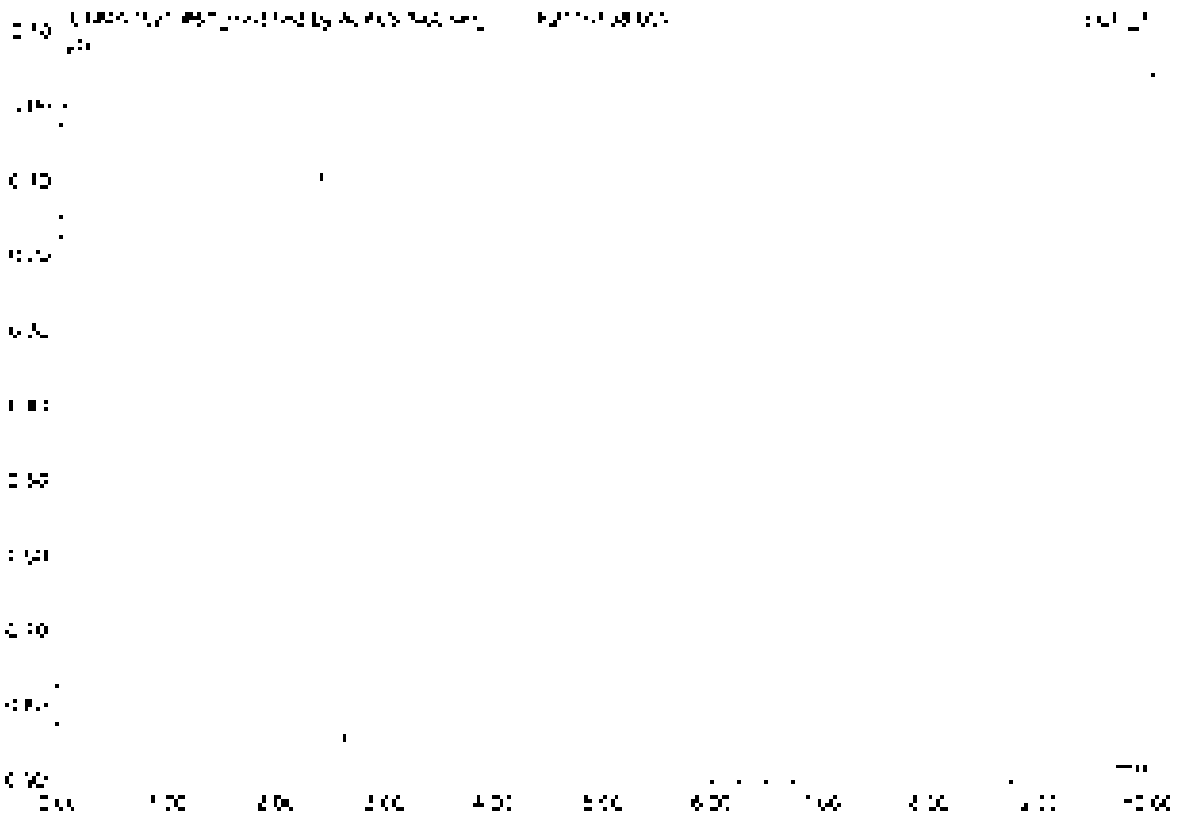
Sample Name	K2110138-009SD	Injection Volume	25.0
Vial Number	50	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	4.0000
Recording Time	9/17/2021 3:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	[illegible]	[illegible]	[illegible]	5.675	BMB
2	4.05	Chloride	[illegible]	[illegible]	11.83	[illegible]	BMB
3	4.7[illegible]	Nitrite	[illegible]	[illegible]	25.11	[illegible]	BVB
4	5.53	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	BVB
5	5.17	Nitrate	[illegible]	[illegible]	29.87	[illegible]	BVB
6	[illegible]	Sulfate	[illegible]	[illegible]	8.86	[illegible]	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

67 K2110138-009

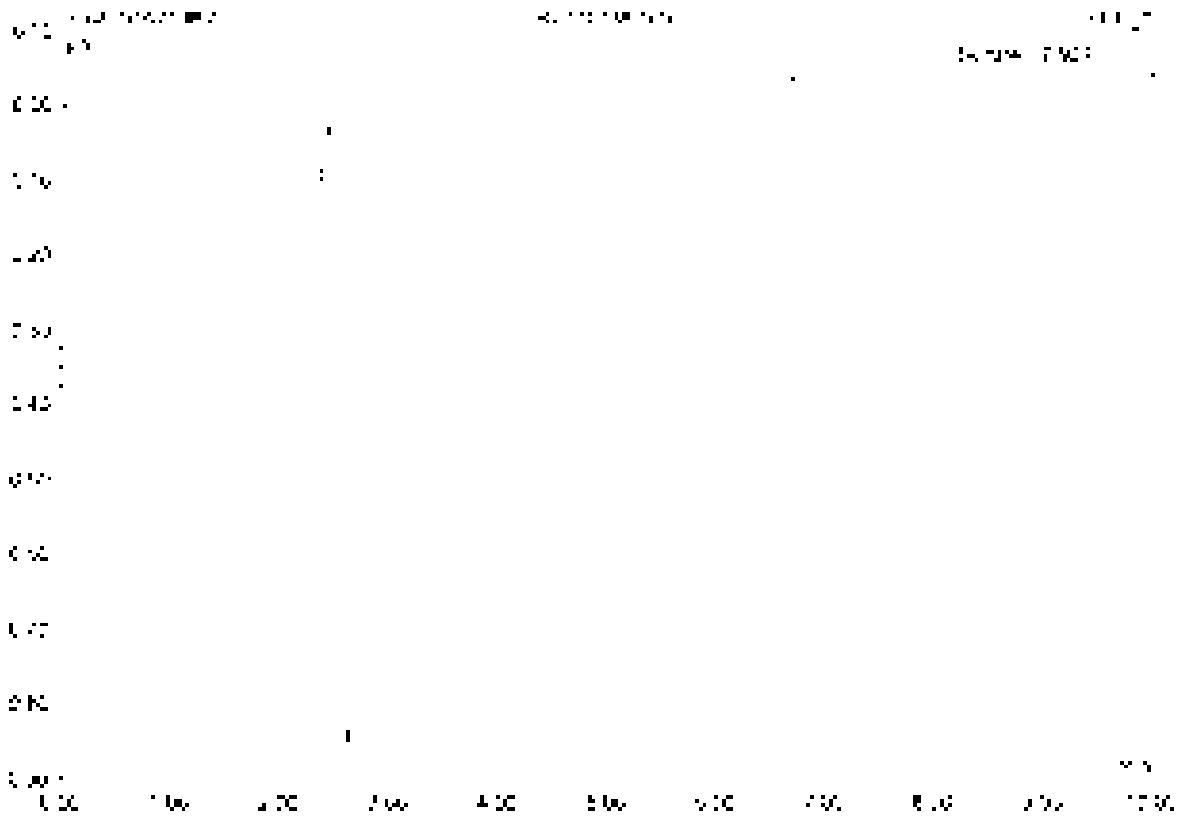
Sample Name	K2110138-009	Injection Volume	25.0
Vial Number	5	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	9/17/2021 10:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

67 K2110138-009

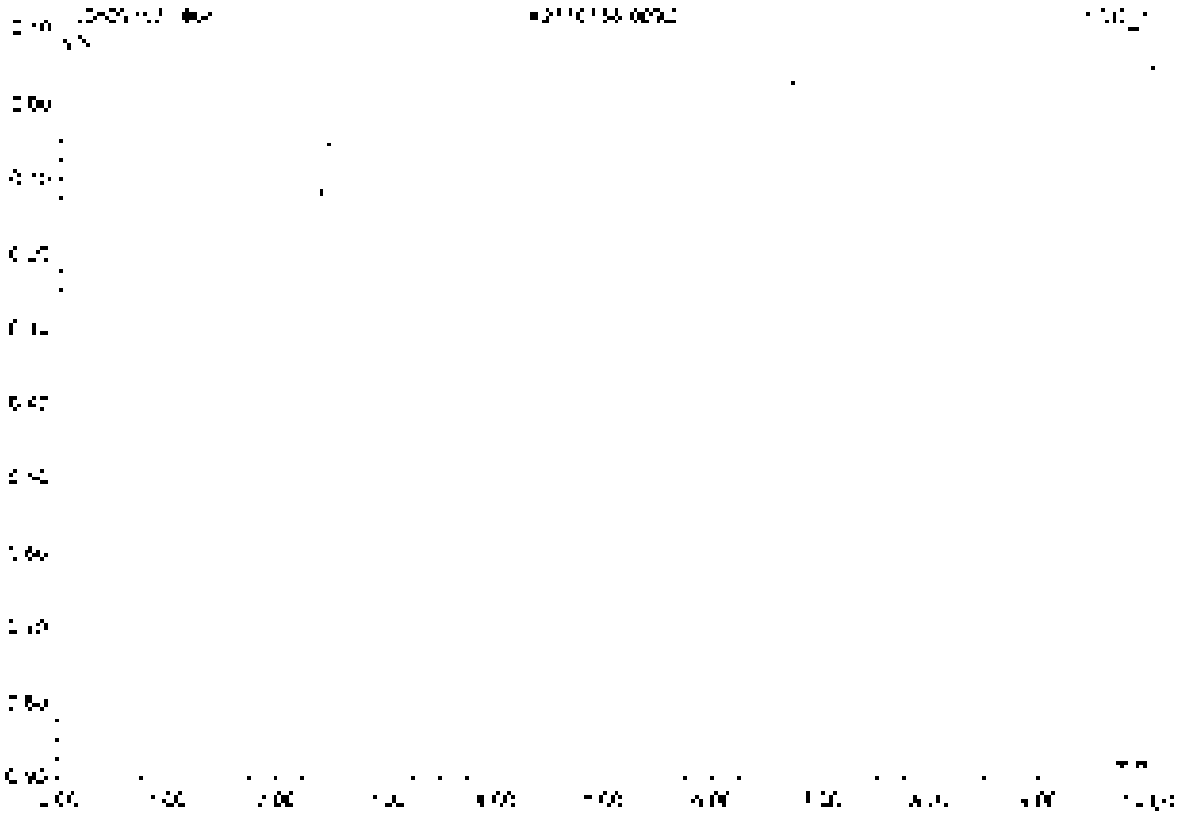
Sample Name	K2110138-009	Injection Volume	25.0
Vial Number	3	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	2.0000
Processing Time	9/17/2021 10:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	7.51	Sulfate	0.265	3.074	100.00	47.557	BMB
Total:			0.265	3.074	100.00	47.557	

68 K2110138-009D

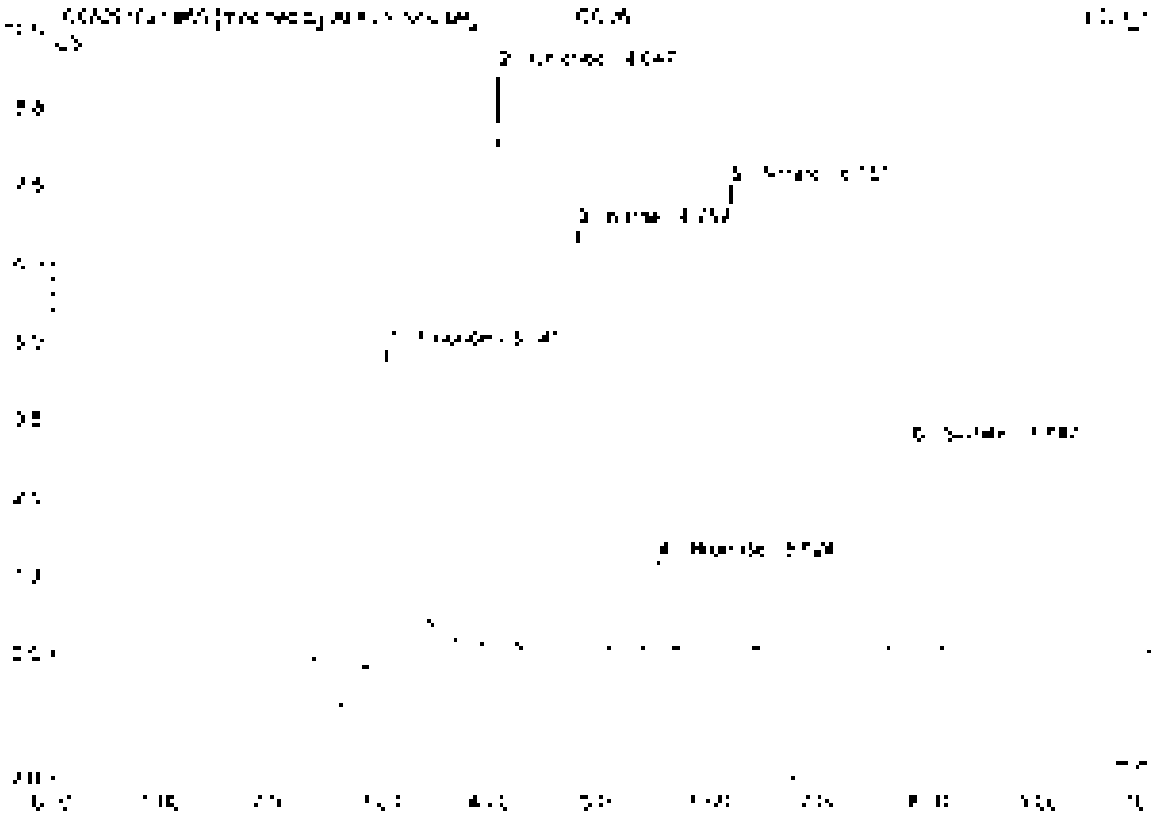
Sample Name	K2110138-009D	Injection Volume	25.0
Vial Number	8	Channel	DCD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	[illegible] 10:51	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

69 CCV6

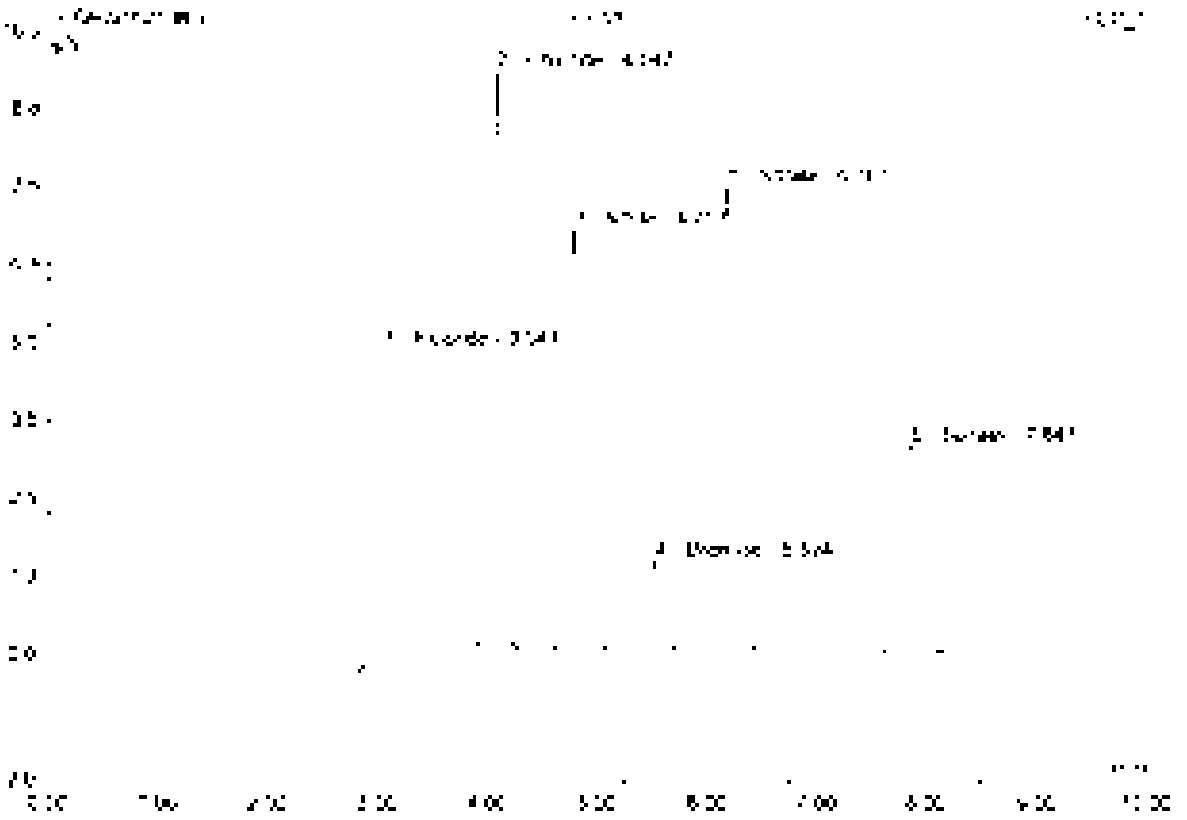
Sample Name	CCV6	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Acquisition Time	[illegible]/2021 10:45	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.06	Fluoride	5.323	[illegible]	21.87	4.937	BV*B*
2	4.05	Chloride	6.225	0.842	38.22	6.640	BM*B*
3	4.75	Nitrite	6.736	0.872	18.76	3.442	BV*g
4	5.32	Bromide	1.435	0.175	3.77	0.372	BV*B
5	6.15	Nitrate	7.444	1.027	22.10	2.325	BV*B
6	7.65	Sulfate	3.256	0.518	13.25	4.510	BV*B
Total:			33.158	4.645	100.00	21.126	

89 CCV6

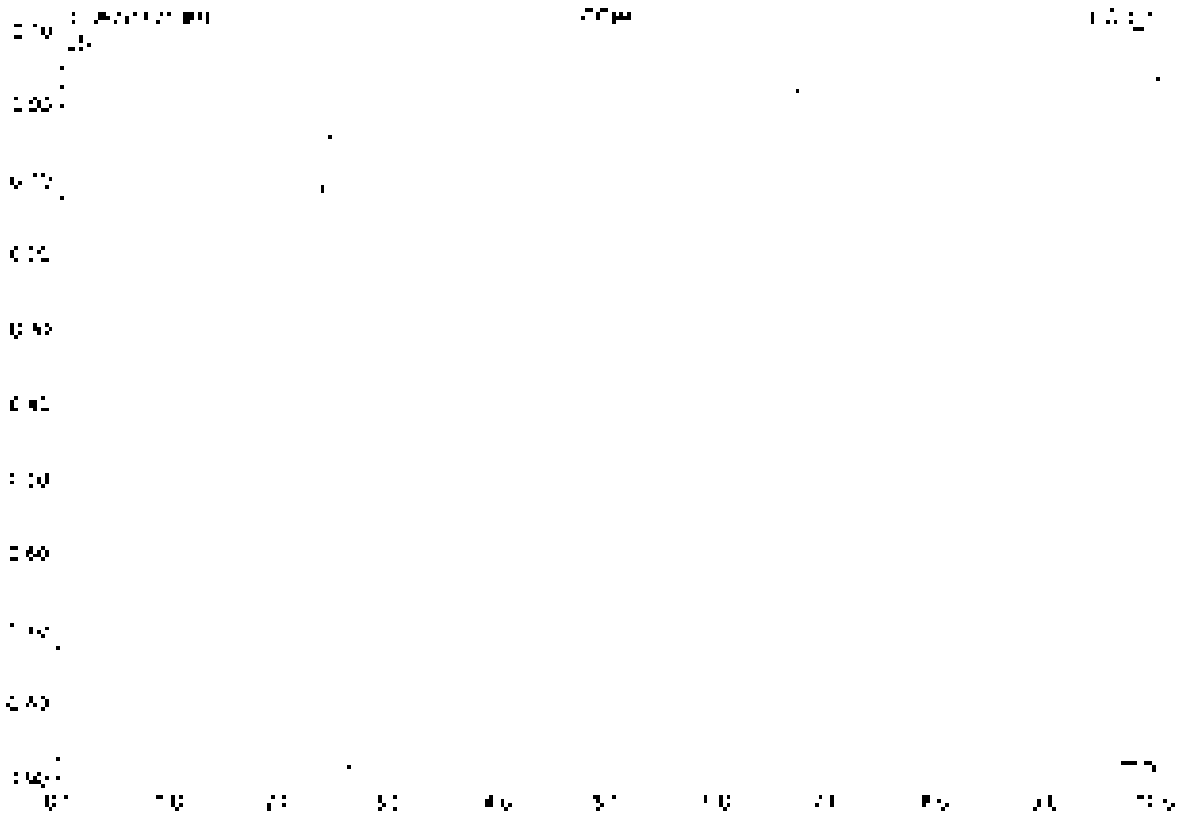
Sample Name	CCV6	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	8/17/2021 10:43	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.64	Fluoride	5.063	1.251	25.35	5.340	BMB
2	4.05	Chloride	5.217	0.843	17.79	4.515	BVB
3	4.76	Nitrite	6.[illegible]	0.872	18.42	2.442	BVB
4	5.62	Bromide	[illegible].435	0.175	3.70	2.372	BVB
5	6.16	Nitrate	7.444	1.027	21.72	2.376	BVB
6	7.65	Sulfate	3.290	0.512	10.80	4.810	BVB
Total:			33.190	4.730	100.00	21.904	

7D CCB6

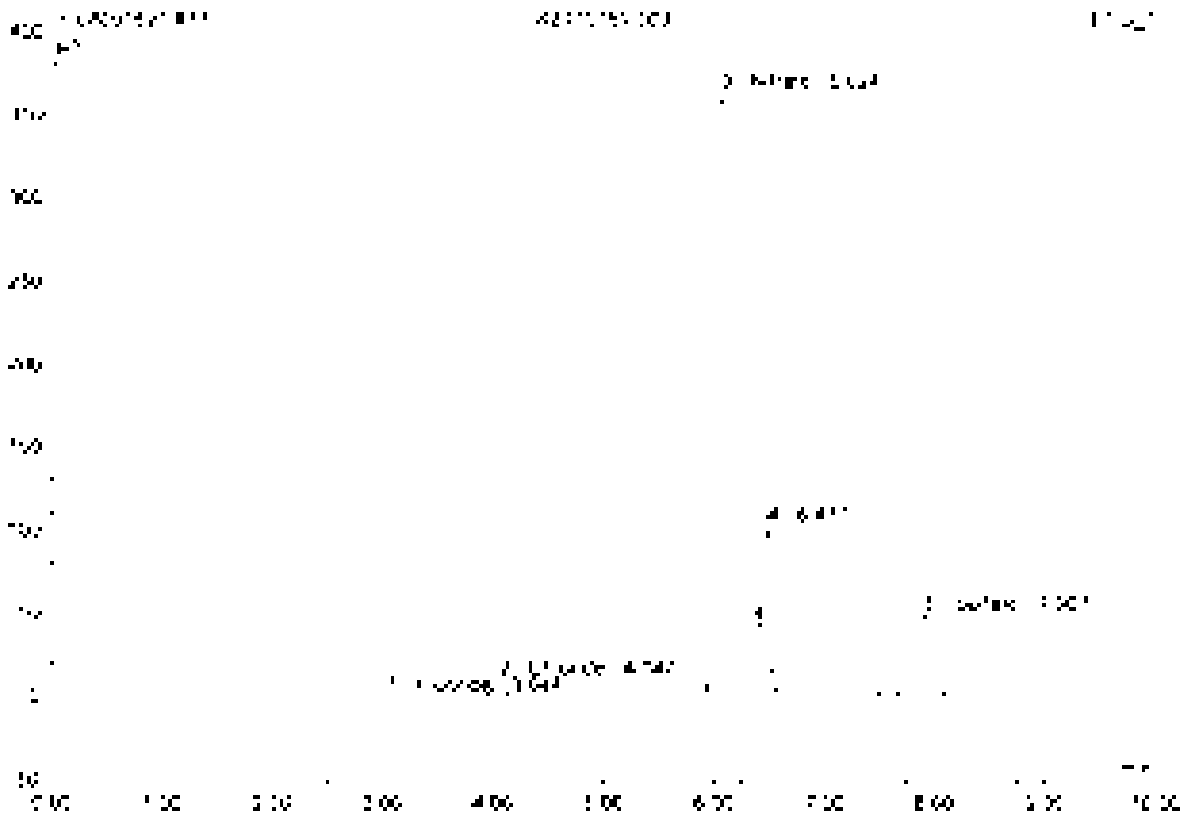
Sample Name	CCB6	Injection Volume	25.0
Vial Number	47	Channel	ECD [illegible]
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Calibrat. Factor	1.0000
Recording Time	9/11/2021 10:55	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

71 K2110159-003

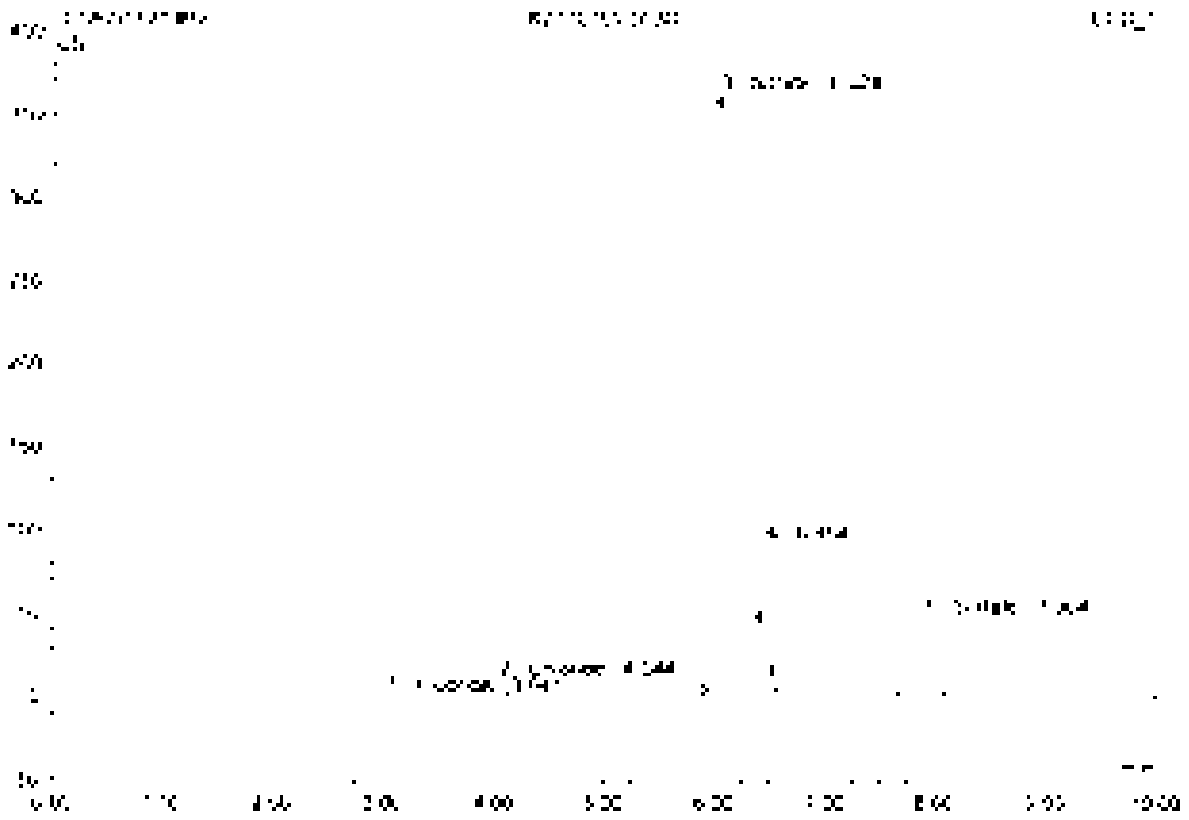
Sample Name	K2110159-003	Injection Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	5.0000
Processing Time	9/17/2021 11:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	0.379	0.224	0.27	4.085	BMB
2	4.05	Chloride	10.263	0.964	1.17	25.393	BMB
3	6.02	Nitrate	351.291	66.569	80.85	453.228	BMB
4	5.67	Na	73.459	5.144	6.25	n.a.	BMB
5	7.91	Sulfate	48.821	9.437	11.46	367.518	BMB
Total:			484.213	82.332	100.00	851.944	

72 K2110159-003D

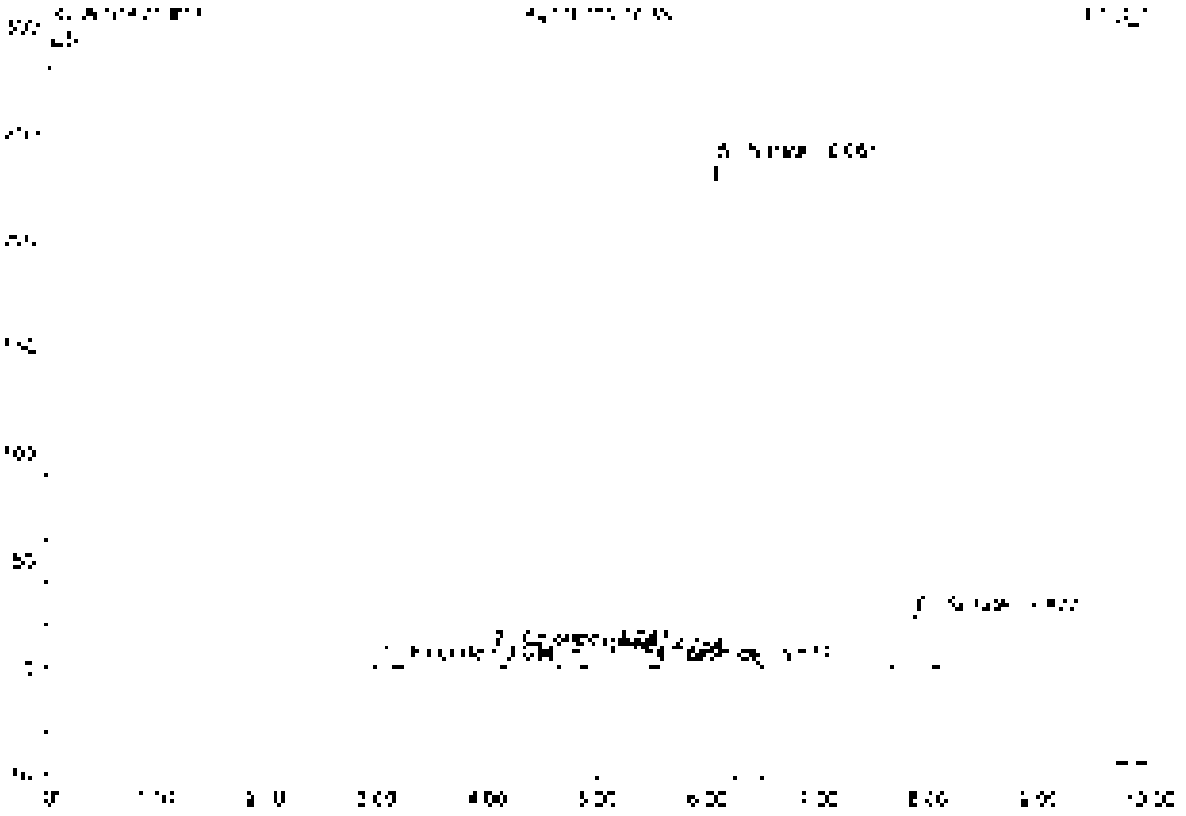
Sample Name	K2110159-003D	Injection Volume	25.0
Vial Number	6	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	5.0000
Recording Time	5/17/2021 11:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	6.380	6.275	0.28	5.015	BMB
2	4.04	Chloride	10.052	0.939	1.15	25.718	BMB
3	6.02	Nitrate	350.522	66.214	21.50	749.206	BMB
4	6.46	n.a.	63.370	4.322	5.05	n.a.	BMB
5	7.50	Sulfate	47.539	8.757	11.32	256.188	BMB
Total:			471.863	80.857	100.00	[illegible]	

73 K2110159-003S

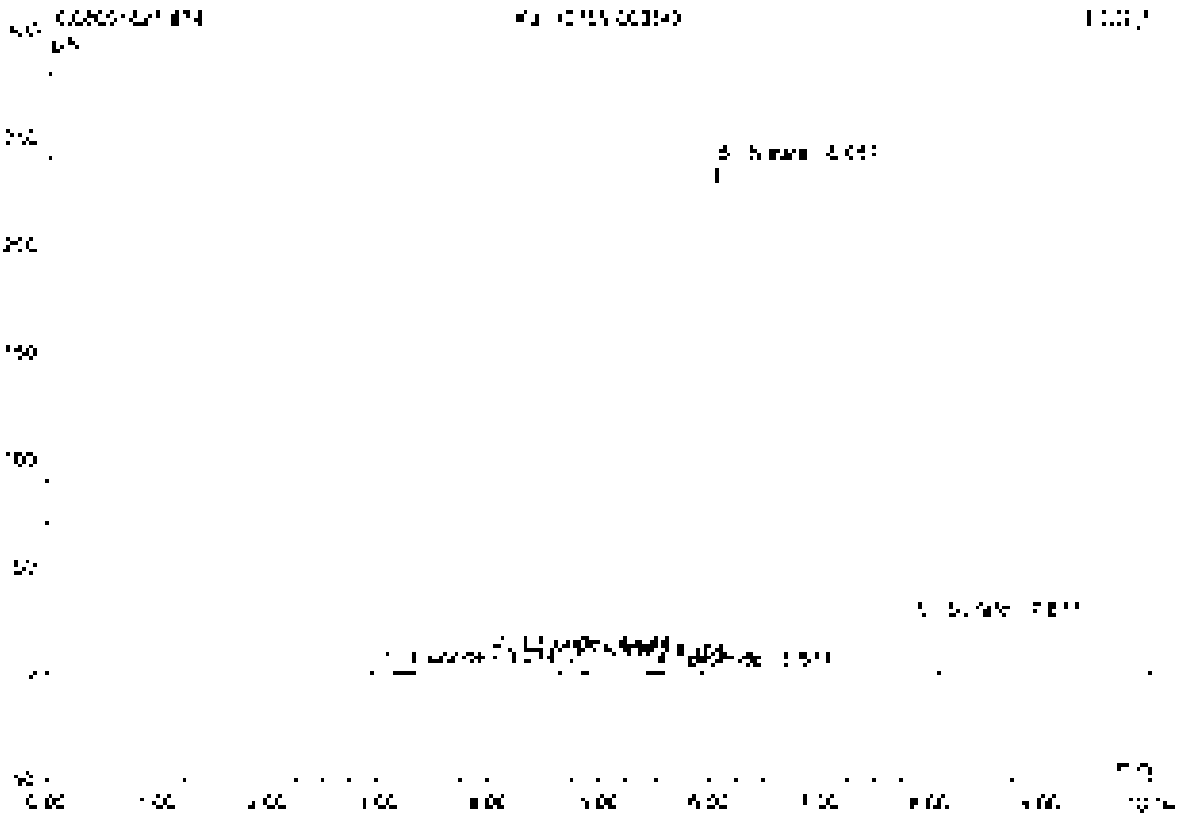
Sample Name	K2110159-003S	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	10.0000
Processing Time	9/17/2021 11:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	2.234	0.551	1.11	24.514	MMB
2	4.55	Chloride	8.744	0.810	1.64	44.345	BMB
3	4.78	Nitrite	5.414	0.703	1.42	19.662	BMB
4	5.52	Bromide	1.720	0.154	0.30	22.255	BMB
5	6.30	Nitrate	236.214	42.768	86.37	967.202	BMB
6	7.58	Sulfate	24.452	4.534	9.16	352.536	BMB
Total:			278.311	49.514	100.00	1430.460	

74 K2110159-003SD

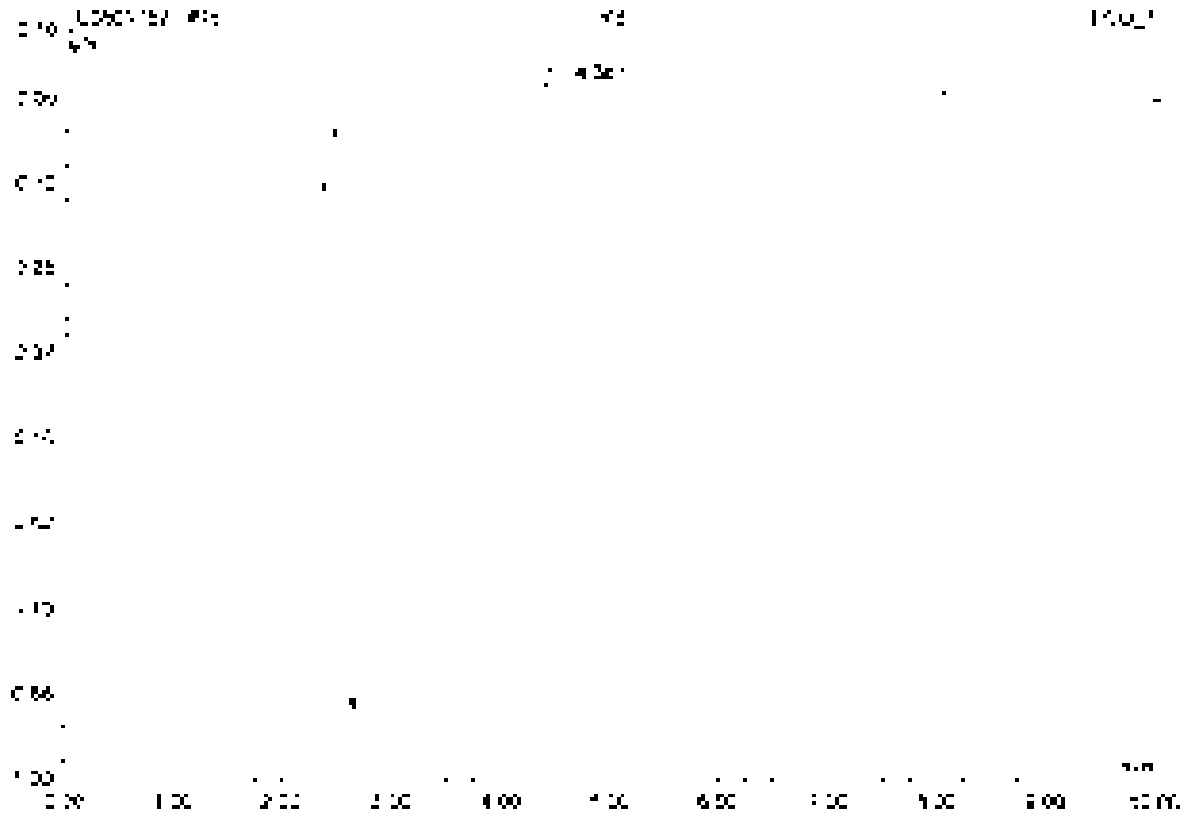
Sample Name	K2110159-003SD	Injection Volume	35.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	10.0000
Processing Time	9/17/2021 11:45	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	2.227	0.553	1.12	24.536	BMb
2	4.34	Chloride	8.759	0.814	1.64	44.552	BMB
3	4.75	Nitrite	5.458	0.708	1.43	19.517	BVB
4	5.52	Bromide	1.193	0.151	0.30	20.417	BVB
5	6.06	Nitrate	237.185	42.919	86.38	969.001	BVB
6	7.58	Sulfate	24.427	4.528	9.13	252.472	BMB
Total:			279.278	49.672	100.00	1330.495	

75 RB

Sample Name	RB	Injection Volume	25.0
Vial Number	9	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
System Program	epa300	Bandwidth	n.a.
Signal Method	epa300	Dilution Factor	1.0000
Acquisition Time	9/17/2021 11:54	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

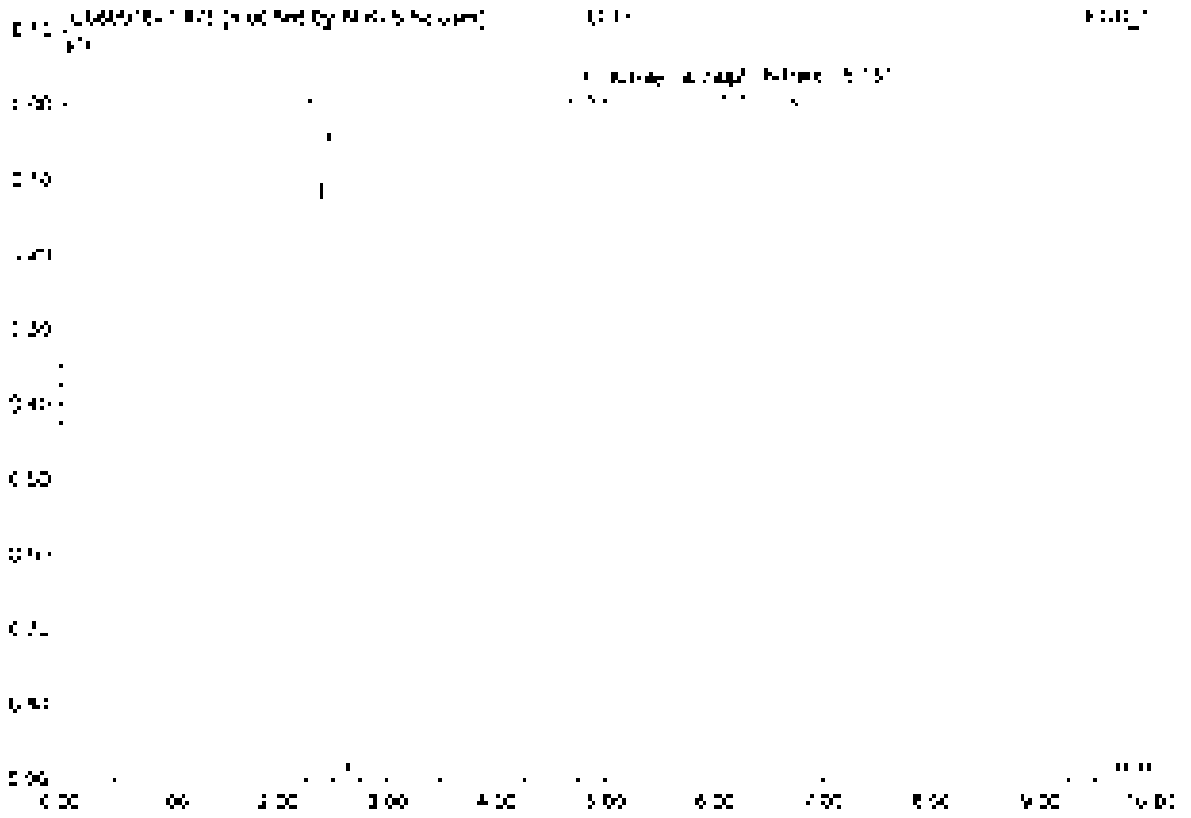


No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.38	n.a.	0.705	3.112	100.00	n.a.	PBMH
Total:			0.705	3.112	100.00	0.000	

76 LOD

0.05 PPM

Sample Name:	LOD	Injection Volume:	25.0
Vial Number:	10	Channel:	ECD 1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quant Method:	epa300	Dilution Factor:	1.0000
Recording Time:	8/17/2021 12:06	Sample Weight:	1.0000
Run Time (min):	10.00	Sample Amount:	1.0000

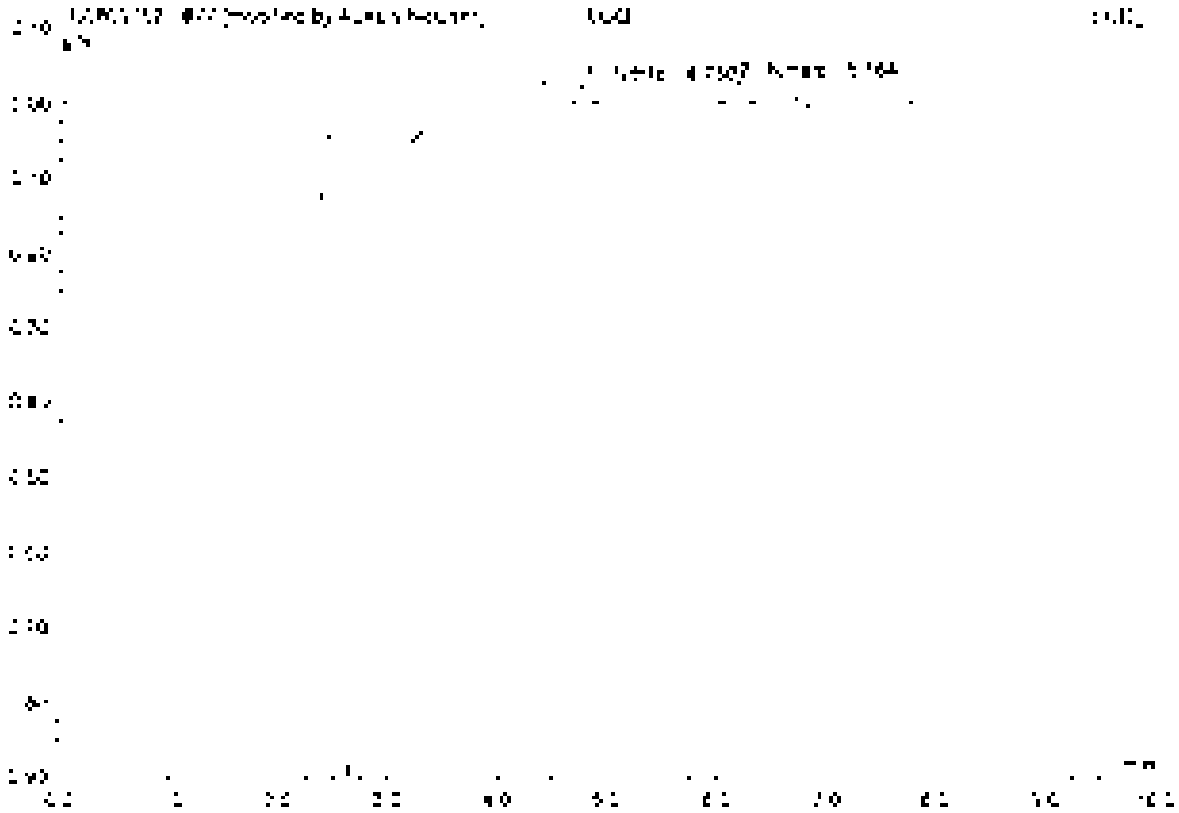


No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.74	Nitrate	0.015	0.002	44.43	0.025	BMB*
2	6.15	Nitrite	0.015	0.002	55.57	0.025	BV2*
Total:			0.030	0.004	100.00	0.010	

77 LOQ

0.1 PPM

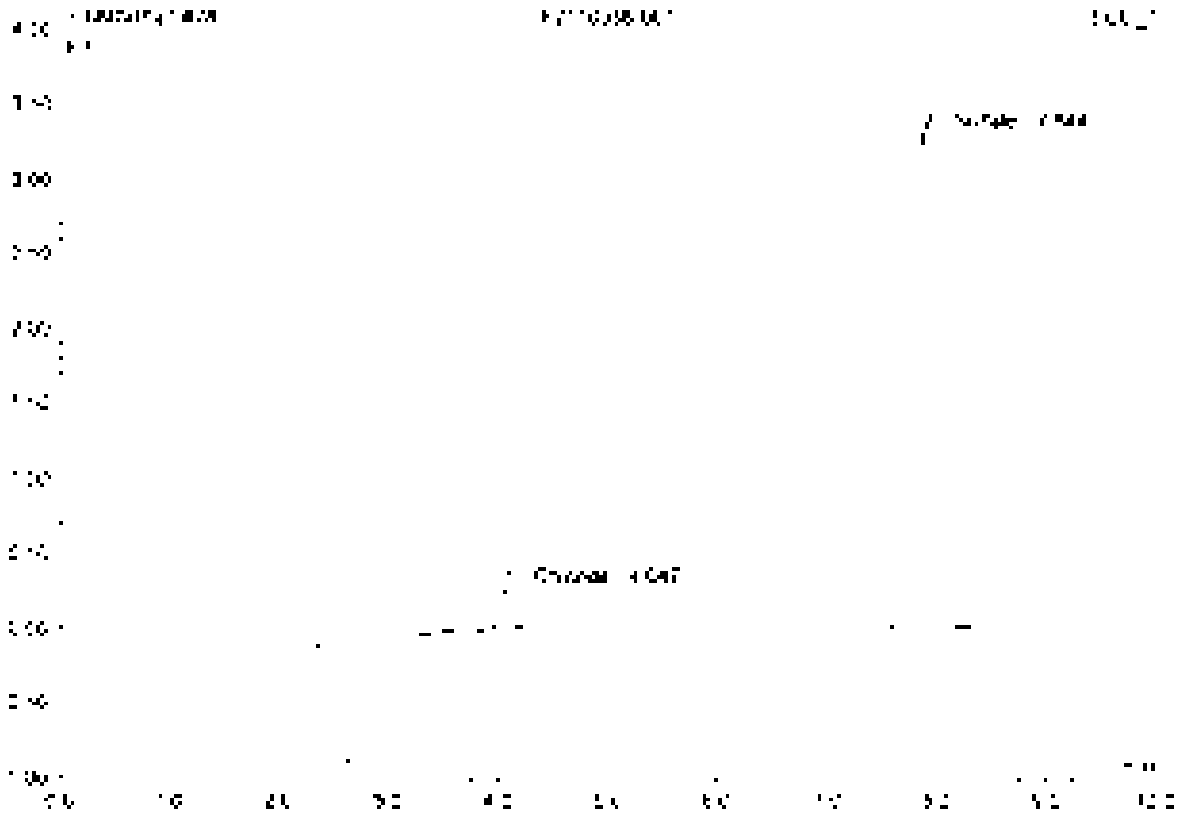
Sample Name	LOQ	Injection Volume	25.0
Vial Number	12	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	9/17/2021 12:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.75	Nitrite	0.026	0.003	45.51	0.009	BMB*
2	6.16	Nitrate	0.078	0.004	54.49	0.002	BMB*
Total:			0.054	0.007	100.00	0.017	

78 K2110356-001

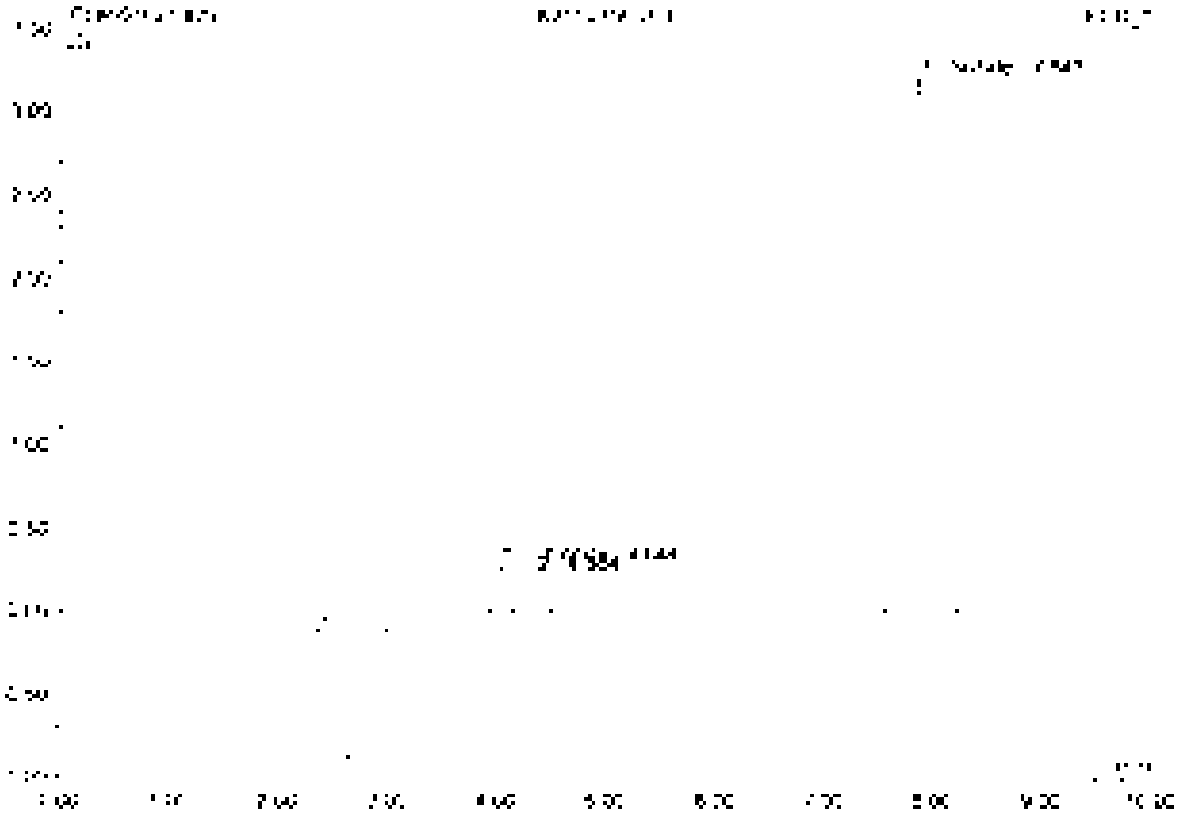
Sample Name	K2110356-001	Injection Volume	35.0
Vial Number	13	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Sample Method	epa300	Dilution Factor	200.0000
Recording Time	9/17/2021 12:30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.280	0.036	5.52	[illegible]	BV B
2	7.84	Sulfate	3.310	0.624	94.48	[illegible]	BV B
Total			3.590	0.660	100.00	[illegible]	

79 K2110356-003

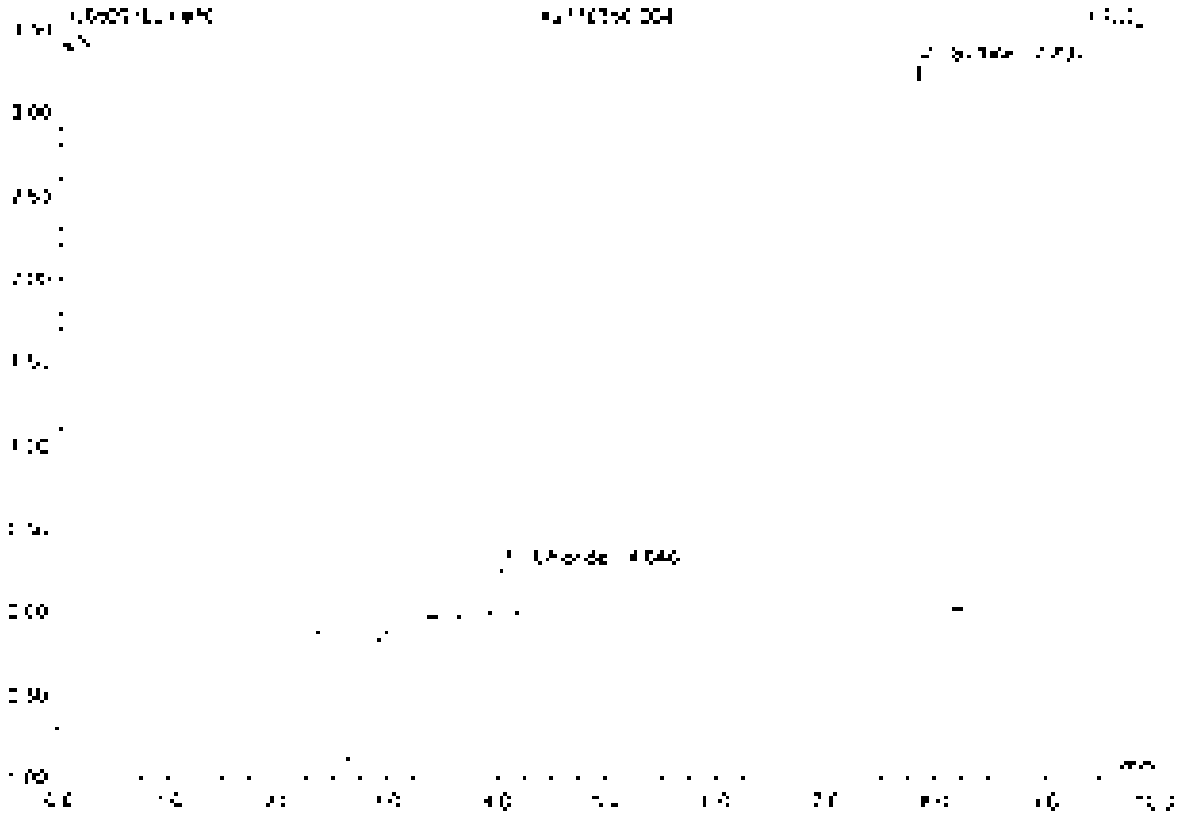
Sample Name	K2110356-003	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	200.0000
Recording Time	9/17/2021 12:42	Sample Weight	1.0000
Run Time (min)	19.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chlorate	0.296	0.027	4.20	29.576	BMB
2	4.08	n.a.	0.219	0.023	3.58	n.a.	BMB
3	7.84	Sulfate	3.234	0.601	92.22	935.115	BMB
Total:			3.748	0.651	100.00	965.267	

80 K2110356-004

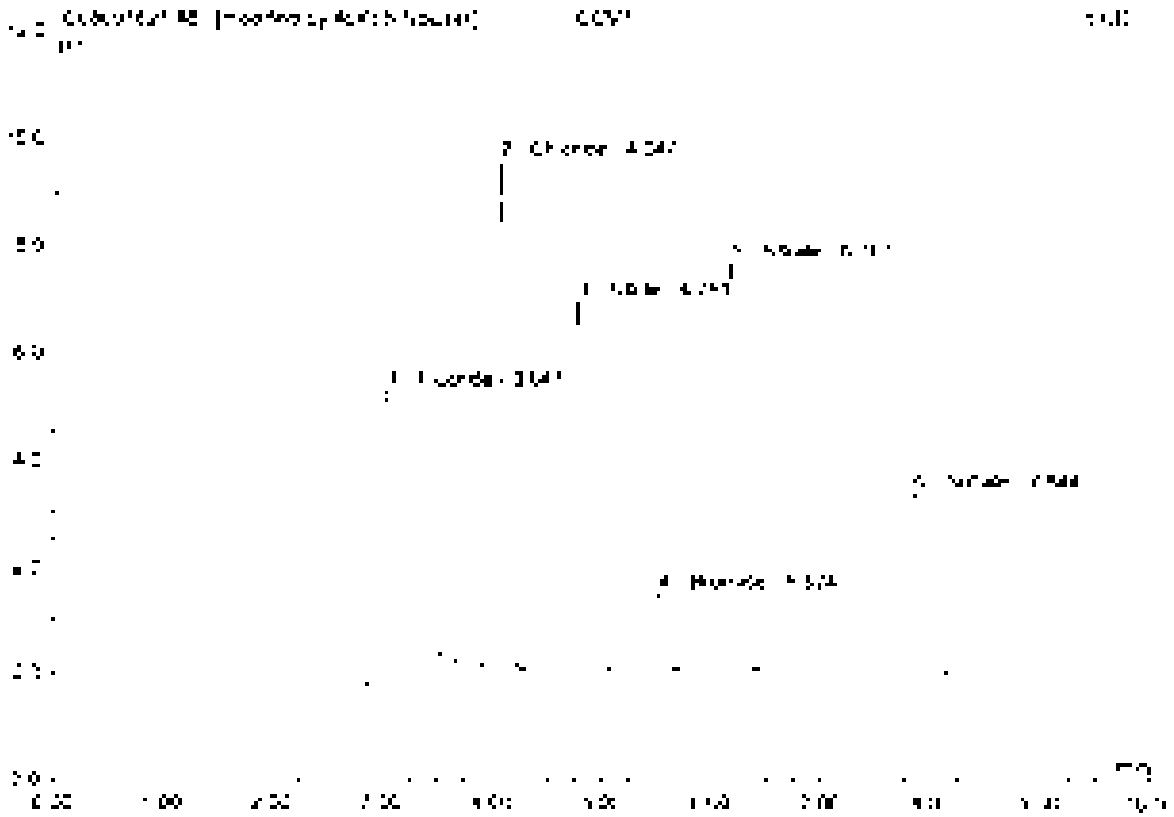
Sample Name	K2110356-004	Injection Volume	25.0
Vial Number	13	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	100.0000
Analysing Time	8/31/2021 12:53	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.278	0.036	3.52	39.363	BVB
2	7.84	Sulfate	0.284	0.516	96.48	958.710	BVB
Total:			0.562	0.552	100.00	998.073	

81 CCV7

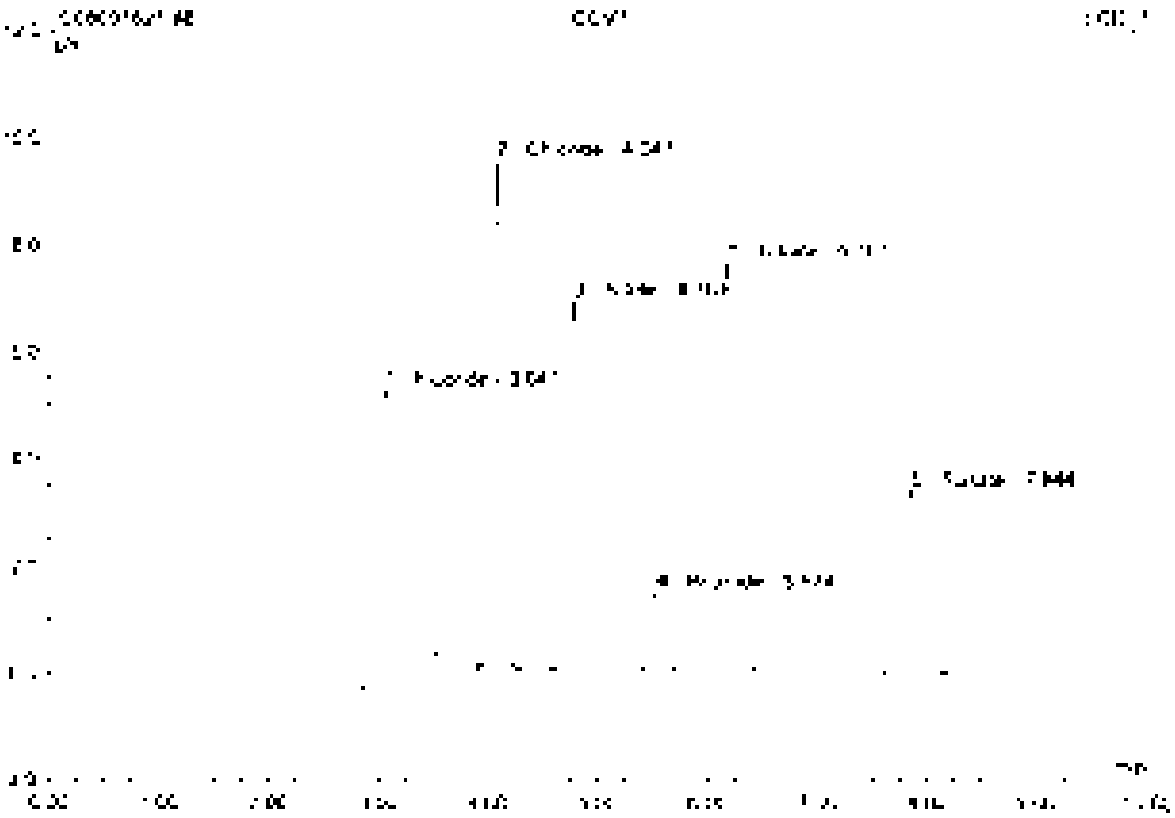
Sample Name	CCV7	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	9/17/2021 13:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.08	Fluoride	5.452	[illegible]	24.50	5.234	BV B*
2	4.05	Chloride	9.692	0.856	16.00	4.783	BV B*
3	4.75	Nitrite	6.903	0.853	16.59	2.694	BV B
4	5.52	Bromide	1.472	0.179	3.73	2.490	BV B
5	6.16	Nitrate	7.651	1.053	21.93	2.384	BV B
6	7.84	Sulfate	9.551	0.535	10.21	4.540	BV B
Total:			34.365	4.500	100.00	22.225	

81 CCV7

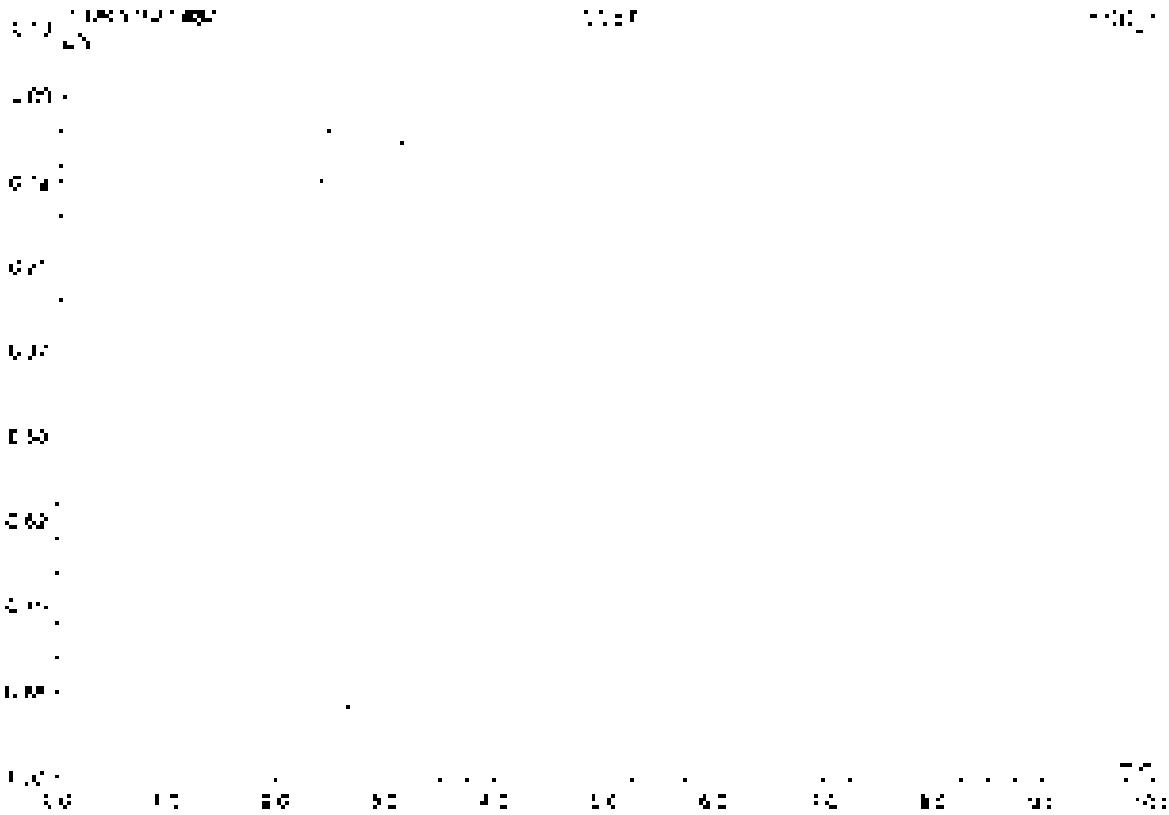
Sample Name	CCV7	Injection Volume	25.0
Vial Number	46	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Control Method	spa300	Dilution Factor	1.0000
Recording Time	5/17/2021 13:05	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.08	Fluoride	1.592	1.266	25.88	1.033	BVc
2	4.05	Chloride	9.492	0.866	17.70	4.763	bVU
3	4.75	Nitrite	6.903	0.893	18.25	2.493	BMB
4	5.52	Bromide	1.472	0.179	3.67	2.430	BMB
5	6.15	Nitrate	7.555	1.053	21.51	2.384	BMB
6	7.84	Sulfate	3.381	0.635	12.97	4.340	BMU
Total:			34.405	4.892	100.00	22.672	

82 CCB7

Sample Name	CCB7	Injection Volume	35.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	9/17/2021 13:17	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

Metals

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

Preparation Information Benchsheet

Prep Run	[illegible]	**Prep Workflow**	[illegible]	**Status:**	Prepped	**Prep Date:**	09/21/2021 11:03
Team:	[illegible]	**Prep Method:**	[illegible]	**Current Step:**	Digestion	**Due Date:**	09/20/2021
Analyst	[illegible]	**Rush/NPDES:**	N/A			**Hold Date:**	02/23/2022

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

33 Total Samples consisting of 9 Client Samples, 2 Client QC Samples, 2 Batch QC Samples associated with the current Prep Run

Spiking Solutions

Name	Type	ID	Expires	Name	Type	ID	Expires
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Materials

Reag	Name	ID	Map	Name	ID
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			

Preparation Hardware / Equipment

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		

Preparation Steps

Step	Start	Finish	By	[illegible]	[illegible]	Comments
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Comments

[illegible]

Review

[illegible]

ICP-MS LCSW AND SPIKING SOLUTIONS

5.00mL to 500mL Dilution of Inorganic Ventures QCP-CICV-1
k-mat 11100 QCP-CICV-1

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Al	12000	120
Ag	1250	12.5
Ba	15000	150
Be	250	2.5
Ca	25000	250
Co	2500	25
Cu	1250	12.5
Cr	1000	10
Fe	5000	50
K	25000	250
Mg	25000	250
Mn	2500	25
Na	25000	250
Ni	2500	25
V	2500	25
Zn	2500	25

5.10mL to 100mL Dilution of 1000ppm Sb
k-mat 1ug/mL Sb

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Sb	1000	10

5.00mL to 500mL Dilution of Inorganic Ventures QCP-CICV-3
k-mat 11100 QCP-CICV-3

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
As	5000	50
Pb	5000	50
Se	5000	50
Tl	5000	50
Cd	2500	25

0.5mL to 100mL Dilution of 1,000 ppm Mo and 1,000 ppm U
k-mat Mo/U 5ppm

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Mo	5000	25
U	5000	25

Preparation Information Benchsheet

Prep Run	387797	**Prep Workflow**	[illegible]	**Status**	Draft	**Prep Date:**	09/21/2021 [illegible]
Team	Metals	**Prep Method.**	EPA CLP ILM04.0	**Current Step.**	Digestion	**Due Date:**	09/28/2021
Analyst	ADOYCR	**Rush/NPDES:**	N/A			**Hold Date**	02/21/2022

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

33 Total Samples consisting of 9 Client Samples, 3 Client QC Samples, 2 Batch QC Samples associated with the current Prep Run.

Spiking Solutions

Name	Type	ID	Expires	Name	Type	ID	Expires
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Materials

Preparation Hardware / Equipment

Preparation Steps

Step	Status	Completed	By	Approved By	Completed	Comments
Dispensing					[illegible]	

Comments

Additional Comments:

Reviews

Approved By: Date:

Service Request # K2110125, K2110138, K2110356
Calibration. 092721AICPMS06
ALS LIMS Run# 740.
Pipette IDs. 16006318, 19070685, 18010244
Pipette Check Due: 11/19/21
Cal Std: MS28-64-I
ICV Std: MS28-63-E
LLICV Std: MS28-63-A
I.S. Solution: MS28-47-F
Tune Std. MS28-3-A
ICSA: MS28-64-J
ICSAB. MS28-64-K

ICP-MS Data Review Form

		Yes	No	NA
1	Appropriate standardization completed	X		
2	ICV in control (+/- 10%)	X		
3	CCV's in control (+/- 10%)	X		
4	ICB/CCB's below MRL	X		
5	LLICV standard analyzed and in control	X		
6	ICS standards within 20% of true value			X
6	All analytes within instrument linear range	X		
7	Adequate rinse out time allowed	X		
8.	Internal standards in control	X		
9	Interferences checked	X		
10	Was the run terminated? If so why		X	

See Benchsheet exception report for sample batch QC information

Comments.

Prep Batches 386797 387797 387075 387074

Primary Review by Date

Secondary Review by Date

Data Review Form

Instrument ID#	K-ICP-MS-06
DataFile Name	R:\ICP\WIP\DATA\K-ICP-MS-06 (Agilent 7800)\092721A.csv
RUNNO	740188

K2110125

No exceptions to report.

K2110138

No exceptions to report.

K2110356

No exceptions to report.

Primary Approver

Secondary Approver

9/29/21

	Sample								
		Rpt	Data File	Acq. Date-Time	Type	Level	Sample Name	Comment	Vial Number
1			0015MPL	2021-09-27 11:26:34 AM	Sample		HRMUR		2
2			0025MPL	2021-09-27 11:27:50 AM	Sample		HRSUL		1
3			0035MPL	2021-09-27 11:29:20 AM	Calibr	1	Blank		1
4			0045MPL	2021-09-27 11:30:42 AM	Calibr	2	25ppb		2
5			005 ICV.d	2021-09-27 11:32:07 AM	CV		ICV		21111
6			006 CCV	2021-09-27 11:33:32 AM	CCV		CCV		2
7			007 ICB.d	2021-09-27 11:34:55 AM	ICB		ICB		1
8			008 CCB	2021-09-27 11:36:18 AM	CCB		CCB		1
9			009LCSW.d	2021-09-27 11:37:41 AM	LCSW		LCSWW		2102
10			010CSA.d	2021-09-27 11:39:03 AM	LCSA		CSA		2103
11			011CSAB.d	2021-09-27 11:40:25 AM	LCSA		CSAB		2104
12			012SMPL	2021-09-27 11:41:47 AM	Sample		MOS TD		2105
13			013 PB.d	2021-09-27 11:43:11 AM	PB		4021-7255-01		1101
14			014 LCS.d	2021-09-27 11:44:33 AM	LCS		4021-7255-02		1102
15			015 AR.d	2021-09-27 11:45:55 AM	Al Rel		K21-0125-001	5X	1103
16			016 Dup.d	2021-09-27 11:47:17 AM	Dup		K021-7255-03	5X	1104
17			017SMPL	2021-09-27 11:48:39 AM	Sample		K21-0125-001	25X	1105
18			018 MS.d	2021-09-27 11:50:01 AM	MS		K21-0125-001A	5X +Spike	1106
19			019 SPK.d	2021-09-27 11:51:25 AM	Spike		K021-7255-04	5X	1107
20			020SMPL	2021-09-27 11:52:48 AM	Sample		K21-0125-002	5X	1108
21			021SMPL	2021-09-27 11:54:10 AM	Sample		K21-0125-003	5X	1109
22			022SMPL	2021-09-27 11:55:32 AM	Sample		K21-0125-005	5X	1110
23			023 CCV	2021-09-27 11:56:55 AM	CCV		CCV		2
24			024 CCB	2021-09-27 11:58:17 AM	CCB		CCB		1
25			025 PB.d	2021-09-27 11:59:41 AM	PB		K021-7255-01		1101
26			026SMPL	2021-09-27 12:01:06 PM	Sample		K21-0125-006	5X	1111
27			027SMPL	2021-09-27 12:02:27 PM	Sample		K21-0125-007	5X	1112
28			028SMPL	2021-09-27 12:03:49 PM	Sample		K21-0125-008	5X	1201
29			029SMPL	2021-09-27 12:05:12 PM	Sample		K21-0125-001	25X	1202
30			030SMPL	2021-09-27 12:06:35 PM	Sample		K21-0125-002	25X	1203
31			031SMPL	2021-09-27 12:08:00 PM	Sample		K21-0125-003	25X	1204
32			032SMPL	2021-09-27 12:09:22 PM	Sample		K21-0125-004	25X	1205
33			033SMPL	2021-09-27 12:10:45 PM	Sample		K21-0125-005	25X	1206
34			034SMPL	2021-09-27 12:12:07 PM	Sample		K21-0125-006	25X	1207
35			035 CCV	2021-09-27 12:13:30 PM	CCV		CCV		2
36			036 CCB	2021-09-27 12:14:54 PM	CCB		CCB		1
37			037SMPL	2021-09-27 12:16:17 PM	Sample		K21-0125-007	25X	1208
38			038SMPL	2021-09-27 12:17:40 PM	Sample		K21-0125-008	25X	1209
39			039SMPL	2021-09-27 12:19:02 PM	Sample		K21-0125-008	25X	1210
40			040SMPL	2021-09-27 12:20:25 PM	Sample		K21-0125-010	25X	1211

	Sample								
		Rpl	Data File	Acq Date Time	Type	Level	Sample Name	Comment	Vial Number
41			041 PDS.d	2021 09 27 12 21 17 PM	PDS		K21102125 001A	5X +50pp	1312
42			042 CCV	2021 09 27 12 23 11 PM	CCV		CCV		2
43			043 CCB	2021 09 27 12 24 36 PM	CCB		CCB		1
44			044 CCV	2021 09 27 12 25 58 PM	LLCCV		LLCCVW		2110
45			045 PB.d	2021 09 27 12 27 22 PM	PB		K21110399 01		1301
46			046 LCS.d	2021-09-27 12 28 45 PM	LCS		K21110399 02		1302
47			047 AR1.d	2021-09-27 12 34 02 PM	A Rpl		K21 10138 001	5X	1303
48			048 Dup.d	2021 09 27 12 35 54 PM	Dup		K21110399 03	5X	1304
49			049SMPL	2021 09 27 12 37 16 PM	Sample		K21 10138 001L	25X	1305
50			050 PDS.d	2021 09 27 12 38 39 PM	PDS		K21 10138 001A	5X +50pp	1306
51	*		051 SPK.d	2021 09 27 12 40 01 PM	Spike		K21 10399 04	5X	1307
52			052SMPL	2021 09 27 12 41 24 PM	Sample		K21 10132 003	5X	1308
53			053SMPL	2021 09 27 12 42 46 PM	Sample		K21 10134 006	5X	1309
54			054SMPL	2021 09 27 12 44 06 PM	Sample		K21 10134 006	5X	1310
55			055 CCV	2021 09 27 12 45 32 PM	CCV		CCV		2
56			056 CCB	2021 09 27 12 46 55 PM	CCB		CCB		1
57			057SMPL	2021 09 27 12 48 20 PM	Sample		K21 10138 007	5X	1311
58			058SMPL	2021 09 27 12 49 43 PM	Sample		K21 10138 009	5X	1312
59			059SMPL	2021 09 27 12 51 06 PM	Sample		K21 10138 001	D 5X	1401
60			060SMPL	2021 09 27 12 52 28 PM	Sample		K21 10138 002	D 5X	1402
61			061SMPL	2021 09 27 12 53 50 PM	Sample		K21 10138 003	D 5X	1403
62			062SMPL	2021 09 27 12 55 13 PM	Sample		K21 10138 004	D 5X	1404
63			063SMPL	2021-09-27 12 56 35 PM	Sample		K21 10138 005	D 5X	1405
64			064SMPL	2021-09-27 12 57 57 PM	Sample		K21 10138 006	D 5X	1406
65			065SMPL	2021-09-27 12 59 20 PM	Sample		K21 10138 007	D 5X	1407
66			066SMPL	2021 09 27 1 00 42 PM	Sample		K21 10138 008	D 5X	1408
67			067 CCV	2021 09 27 1 02 06 PM	CCV		CCV		2
68			068 CCB	2021 09 27 1 03 27 PM	CCB		CCB		1
69			069SMPL	2021 09 27 1 04 51 PM	Sample		K21 10138 009	5X	1409
70			070 CCV	2021 09 27 1 06 14 PM	CCV		CCV		2
71			071 CCB	2021 09 27 1 07 38 PM	CCB		CCB		1
72			072LCCV	2021 09 27 1 09 02 PM	LLCCV		LLCCVW		2102
73			073 PB.d	2021 09 27 1 10 27 PM	PB		K21 17584 01		1410
74			074 LCS.d	2021-09-27 1 11 49 PM	LCS		K21 17584 02		1411
75			075 AR1.d	2021 09 27 1 13 11 PM	A Rpl		K21 10356 001	5X	1412
76			076 Dup.d	2021-09-27 1 14 34 PM	Dup		K21 17584 03	5X	1413
77			077SMPL	2021 09 27 1 15 56 PM	Sample		K21 10156 001L	25X	1502
78			078 PDS.d	2021 09 27 1 17 19 PM	PDS		K21 10156 001A	5X +50pp	1503
79	*		079 SPK.d	2021 09 27 1 18 42 PM	Spike		K21 17584 04	5X	1504
80			080SMPL	2021 09 27 1 20 04 PM	Sample		K21 10356 003	5X	1505

	Sample ID	Type	Data File	Acq. Date-Time	Type	Level	Sample Name	Comment	Vial Number
81		[illegible]	[illegible]	2021 09 27 1 27 36 PM	Sample		K21 0356 004	5X	1506
82		[illegible]	[illegible]	2021 09 27 1 29 50 PM	Sample		K21 0356 005	5X	1507
83		[illegible]	083 CCV	2021 09 27 1 31 14 PM	CCV		CCV		2
84		[illegible]	084 CCB	2021 09 27 1 32 37 PM	CCB		CCB		1
85		[illegible]	085SMPL	2021 09 27 1 37 00 PM	Sample		K21 0356 007	5X	1508
86		[illegible]	086SMPL	2021 09 27 1 38 22 PM	Sample		K21 0356 008	5X	1509
87		[illegible]	087SMPL	2021 09 27 1 39 44 PM	Sample		K21 0356 009	5X	1510
88		[illegible]	088SMPL	2021 09 27 1 41 07 PM	Sample		K21 0356 010	5X	1511
89		[illegible]	089SMPL	2021 09 27 1 42 29 PM	Sample		K21 0356 011	5X	1512
90		[illegible]	090SMPL	2021 09 27 1 43 54 PM	Sample		K21 0356 012	5X	3101
91		[illegible]	091SMPL	2021 09 27 1 45 16 PM	Sample		K21 0356 013	5X	3102
92		[illegible]	092SMPL	2021 09 27 1 46 39 PM	Sample		K21 0356 014	25X	3103
93		[illegible]	093SMPL	2021 09 27 1 48 01 PM	Sample		K21 0356 015	5X	3104
94		[illegible]	094 CCV	2021 09 27 1 49 24 PM	CCV		CCV		2
95		[illegible]	095 CCB	2021 09 27 1 50 49 PM	CCB		CCB		1
96	[illegible]	[illegible]	096CCV	2021 09 27 1 52 13 PM	CCV		CCV		2482
97		[illegible]	097CCV	2021 09 27 1 53 37 PM	CCV		CCV		2
98		[illegible]	098 PMB	2021 09 27 1 55 00 PM	PB		K021 0583 01		3105
99		[illegible]	099 LCS	2021 09 27 1 56 23 PM	LCS		K021 0583 02		3106
100		[illegible]	100 ASB	2021 09 27 1 57 47 PM	ASB		K21 0356 001	0.5X	3107
101	[illegible]	[illegible]	101 [illegible]	2021 09 27 1 59 10 PM	Dup		K021 0583 03	0.5X	3108
102		[illegible]	102SMPL	2021 09 27 2 00 34 PM	Sample		K21 0356 001L	0.25X	3109
103		[illegible]	103 POS	2021 09 27 2 01 59 PM	POS		K21 0356 001A	0.5X +50	3110
104		[illegible]	104 SPK	2021 09 27 2 03 21 PM	Spike		K021 0583 04	0.5X	3111
105		[illegible]	105SMPL	2021 09 27 2 04 44 PM	Sample		K21 0356 002	0.5X	3112
106		[illegible]	106SMPL	2021 09 27 2 06 07 PM	Sample		K21 0356 003	0.5X	3201
107		[illegible]	107SMPL	2021 09 27 2 07 30 PM	Sample		K21 0356 004	0.5X	3202
108		[illegible]	108 CCV	2021 09 27 2 08 53 PM	CCV		CCV		2
109		[illegible]	109 CCB	2021 09 27 2 10 16 PM	CCB		CCB		1
110		[illegible]	110SMPL	2021 09 27 2 11 39 PM	Sample		K21 0356 005	0.5X	3203
111		[illegible]	111SMPL	2021 09 27 2 13 02 PM	Sample		K21 0356 006	0.5X	3204
112		[illegible]	112SMPL	2021 09 27 2 14 24 PM	Sample		K21 0356 007	0.5X	3205
113		[illegible]	113SMPL	2021 09 27 2 15 47 PM	Sample		K21 0356 008	0.5X	3206
114		[illegible]	114SMPL	2021 09 27 2 17 10 PM	Sample		K21 0356 009	0.5X	3207
115		[illegible]	115SMPL	2021 09 27 2 18 33 PM	Sample		K21 0356 010	0.5X	3208
116		[illegible]	116SMPL	2021 09 27 2 19 55 PM	Sample		K21 0356 011	0.5X	3209
117		[illegible]	117SMPL	2021 09 27 2 21 18 PM	Sample		K21 0356 012	0.5X	3210
118		[illegible]	118SMPL	2021 09 27 2 22 41 PM	Sample		K21 0356 013	0.5X	3211
119		[illegible]	119SMPL	2021 09 27 2 24 04 PM	Sample		K21 0356 014	0.5X	3212
120		[illegible]	120 CCV	2021 09 27 2 25 48 PM	CCV		CCV		2

Sample

	Sample	Flgd	Data File	Acq Date Time	Type	Level	Sample Name	Comment	Vial Number
121		[illegible]	[illegible] CCB	2021 09 27 3 04 10 PM	CCB		CCB		1
122		[illegible]	1225SMPL	2021 09 27 3 05 34 PM	Sample		K21 10356-017	5X	3301
123		[illegible]	1235SMPL	2021 09 27 3 06 57 PM	Sample		K21 10356-018	10 5X	3302
124		[illegible]	1245SMPL	2021 09 27 3 08 19 PM	Sample		K21 10356-019	10 5X	3302
125		[illegible]	1255SMPL	2021 09 27 3 09 42 PM	Sample		K21 10356-017	D 5X	3303
126		[illegible]	1265SMPL	2021 09 27 3 11 05 PM	Sample		K21 10356-015	D 5X	3304
127		[illegible]	1275SMPL	2021 09 27 3 12 28 PM	Sample		K21 10356-019	D 5X	3305
128		[illegible]	1285SMPL	2021 09 27 3 13 51 PM	Sample		K21 10356-020	10 5X	3306
129		[illegible]	129 CCV	2021 09 27 3 15 15 PM	CCV		CCV		2
130	[illegible]	[illegible]	130 CCB	2021 09 27 3 16 37 PM	CCB		CCB		1
131		[illegible]	131 CCB	2021 09 27 3 25 53 PM	CCB		CCB		1
132		[illegible]	132LCCV	2021 09 27 3 38 38 PM	LCCV		LCCVW		2102

Analyte

	Name	Mass	ISTD	Tune Mode	Units	Replicates
1	Mn	55	72	He	ug/	3
2	Fe	56	72	He	ug/	3
3	As	75	72	He	ug/	3
4	Mo	95	115	He	ug/	3
5	Mo	95	115	He	ug/	3
6	Se	45		He		3
7	Se	82		He		3
8	[illegible]	[illegible]		He		3

US EPA Tune Check Report

[illegible]

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[illegible]

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US EPA Tune Check Report

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]
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Calibration Standard Report

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Continuing Calibration Verification (CCV) Report

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Initial Calibration Blank (ICB) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Initial Calibration Verification (LLICV) Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Duplicate Sample Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Matrix	Mass	Conc Value	[illegible]	[illegible]	[illegible]	% Rec	QC Flag
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Name	Mass	[illegible]	Type	Conc	Units	Conc. RSD	CPS	QC Flag
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Name	Mass	Type Mass	CPS	CPS RSD	Int. CPS	% Rec	QC Flag
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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Prep Blank (PB) Report

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Name	Mass	Type Mass	CFS	CFS RSD	Int/CFS	Status	QC Flag
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Sample Report

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Continuing Calibration Verification (CCV) Report

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Sample Report

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Acid Digestion Spike Sample (PDS) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Name	Mass	[illegible]	CPS	CPS RSD	Ref CPS	% Rec	QC Flag
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QC Analysis Table

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Name	Mass	Conc Value	CPS	CPS RSD	Net CPS	% Rec	QC Flag
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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Comments

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GC Analyte Table

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Prep Blank (PB) Report

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QC Analysis Items

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Duplicate Sample Report

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Name	Mass	[illegible]	Type	Conc	Units	Conc. RSD	CPS	QC Flag
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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Name	Mass	[illegible] Mass	CPS	CPS RSD	Mass (AS)	[illegible]	QC Flag
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Name	Mass	[illegible]	[illegible]	Conc	[illegible]	Conc RSD	CPS	QC Flag
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Name	Mass	[illegible]	CPS	CPS RSD	Ref CPS	% Rec	QC Flag
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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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QC Results Table

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QC MDL Table

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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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QC Analyte Results

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QC [illegible] Values

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Laboratory Control Sample (LCS) Report

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Reference Sample Report

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Duplicate Sample Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Sample Report

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Name	Mass	Type Mode	CPS	CPS RSD	Bkg CPS	[illegible]	QC Flag
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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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www.alsglobal.com

September 21, 2021

Analytical Report for Service Request No: K2110139

Jessica Goin
Anchor QEA, LLC
421 SW Sixth Ave.
Suite 750
Portland, OR 97204

RE: Grumman Road Treatability

Dear Jessica,

Enclosed are the results of the sample(s) submitted to our laboratory August 30, 2021
For your reference, these analyses have been assigned our service request number **K2110139.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3376. You may also contact me via email at Mark.Harris@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Mark Harris
Project Manager

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Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Case Narrative

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Client: Anchor QEA, LLC
Project: Grumman Road Treatability
Sample Matrix: Water

Service Request: K2110139
Date Received: 08/30/2021

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.

Sample Receipt:

Ten water samples were received for analysis at ALS Environmental on 08/30/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

General Chemistry:

No significant anomalies were noted with this analysis.

Approved by _____ Date 09/21/2021

Chain of Custody

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CHAIN OF CUSTODY

Cooler Receipt and Preservation Form

Client ANCHOR

Received 8-30-21 Opened 8-30-21 By [illegible] Unloaded By

Service Request K21 [redacted]

1. Sample custody seals intact: Yes No N/A
2. Sample containers intact: Yes No
3. Were custody papers included? Yes No
4. Were temperature blanks included? Yes No
5. Were samples received within recommended holding time? Yes No
6. Were samples received in good condition? Yes No
7. Do sample labels agree with custody papers? Yes No
8. Were appropriate bottles/containers and volumes received for the tests indicated? Yes No
9. Were all bottles-requiring no headspace free of headspace? Yes No
10. Where applicable, VOA vials free of air bubbles? Yes No N/A
11. Were the pH-preserved bottles (see SOP) received at the appropriate pH? Yes No
12. Were VOA vials received without headspace? Yes No N/A
13. Was C12 Reagent used? Yes No

Temp Blank	Sample Temp	IR Gun	Cooler #/COC #(s)	Out of temp criteria (0-6°C)	Notified if out of temp	Tracking Number	Initials	Filed
19	—	19.02						

Method: Ice Chemical Blue Ice Dry Ice None

Type of packing material: Bubble Wrap Foam Packing Peanuts None Other

1. Were custody papers properly completed (ink, signatures, etc)? Yes No
2. Were all sample labels complete (analysis, preservation, etc)? Yes No
3. Did all sample labels agree with custody papers? Yes No
4. Were appropriate bottles/containers and volumes received for the tests indicated? Yes No
5. Were all preservations (except VOA and O&G) received at the appropriate pH? Yes No
6. Were VOA vials received without headspace? Yes No N/A
7. Was C12 Reagent used? Yes No N/A

Sample ID on Bottle	Sample ID on COC	Identified by

Sample ID	Bottle Count Bottle Type	Head-space	Broken	pH	Reagent	Volume added	Reagent Lot Number	Initials	Time

Notify Supervisor of Exceptions

General Chemistry

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110139
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21
Sample Matrix:	Water	**Date Received:**	08/30/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Sulfate

Sample Name	Lab Code	Result	MRL	MDL	Dil.	Date Analyzed	Q
GR-GWC-15-214	K2110139-001	**47.4**	4.0	0.4	20	09/15/21 21:07	
GR-GWC-15-1214	K2110139-002	**46.2**	4.0	0.4	20	09/15/21 21:54	
GR-GWC-15-314	K2110139-003	**47.2**	4.0	0.4	20	09/15/21 22:06	
GR-GWC-15-115	K2110139-005	**81.3**	4.0	0.4	20	09/15/21 22:18	
GR-GWC-15-215	K2110139-007	**83.7**	4.0	0.4	20	09/15/21 22:29	
GR-GWC-15-1215	K2110139-008	**81.6**	4.0	0.4	20	09/15/21 22:41	
GR-GWC-15-315	K2110139-009	**82.4**	4.0	0.4	20	09/15/21 22:53	
Method Blank	K2110139-MB1	ND	0.20	0.02	1	09/15/21 12:47	U
Method Blank	K2110139-MB2	ND	0.20	0.02	1	09/15/21 20:43	U
Method Blank	K2110139-MB3	ND	0.20	0.02	1	09/16/21 05:01	U

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110139
Project	Grumman Road Treatability	**Date Collected:**	08/27/21
Sample Matrix:	Water	**Date Received:**	08/30/21
		Date Analyzed:	09/15/21

Replicate Sample Summary
General Chemistry Parameters

Sample Name:	GR-GWC-15-315	**Units:**	mg/L
Lab Code:	K2110139-009	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample K2110139-009DUP Result	Average	RPD	RPD Limit
Sulfate	300.0	4.0	0.4	82.4	80.7	81.6	2	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110139
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21
Sample Matrix:	Water	**Date Received:**	08/30/21
		Date Analyzed:	09/15/21
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Sulfate

Sample Name:	GR-GWC-15-315	**Units:**	mg/L
Lab Code:	K2110139-009	**Basis:**	NA
Analysis Method:	300.0		
Prep Method:	None		

		Matrix Spike K2110139-009MS			**Duplicate Matrix Spike** K2110139-009DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Sulfate	82.4	158	80.0	94	160	80.0	97	90-110	2	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110139
Project:	Grumman Road Treatability	**Date Analyzed:**	09/15/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Sulfate

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	738798

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2110139-LCS1	4.72	5.00	94	90-110
Lab Control Sample	K2110139-LCS2	5.02	5.00	100	90-110
Lab Control Sample	K2110139-LCS3	4.92	5.00	98	90-110

Client: Anchor QEA, LLC **Service Request:** K2110139
Project: Grumman Road Treatability

Continuing Calibration Verification (CCV) Summary

Sulfate

Analysis Method: 300.0 **Units:** mg/L

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	738798	KQ2118129-01	09/15/21 12:12	5.00	4.74	95	90-110
CCV2	738798	KQ2118129-02	09/15/21 14:31	5.00	4.87	97	90-110
CCV3	738798	KQ2118129-03	09/15/21 16:50	5.00	4.89	98	90-110
CCV4	738798	KQ2118129-04	09/15/21 19:10	5.00	4.90	98	90-110
CCV5	738798	KQ2118129-05	09/15/21 21:30	5.00	4.95	99	90-110
CCV6	738798	KQ2118129-06	09/15/21 23:51	5.00	4.88	98	90-110
CCV7	738798	KQ2118129-07	09/16/21 02:14	5.00	4.90	98	90-110
CCV8	738798	KQ2118129-08	09/16/21 04:37	5.00	4.93	99	90-110
CCV9	738798	KQ2118129-09	09/16/21 05:37	5.00	4.71	94	90-110

Client: Anchor QEA, LLC **Service Request:**K2110139
Project: Grumman Road Treatability

Continuing Calibration Blank (CCB) Summary
Sulfate

Analysis Method: 300.0 **Units:**mg/L

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	738798	KQ2118129-10	09/15/21 12:23	0.20	0.02	ND	U
CCB2	738798	KQ2118129-11	09/15/21 14:42	0.20	0.02	ND	U
CCB3	738798	KQ2118129-12	09/15/21 17:02	0.20	0.02	ND	U
CCB4	738798	KQ2118129-13	09/15/21 19:22	0.20	0.02	ND	U
CCB5	738798	KQ2118129-14	09/15/21 21:42	0.20	0.02	ND	U
CCB6	738798	KQ2118129-15	09/16/21 00:03	0.20	0.02	ND	U
CCB7	738798	KQ2118129-16	09/16/21 02:26	0.20	0.02	ND	U
CCB8	738798	KQ2118129-17	09/16/21 04:49	0.20	0.02	ND	U
CCB9	738798	KQ2118129-18	09/16/21 05:50	0.20	0.02	ND	U

Metals

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110139
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 11:20
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-214	**Basis:**	NA
Lab Code:	K2110139-001		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**17.1**	ug/L	2.5	0.5	5	09/20/21 16:47	09/10/21	
Iron	6020A	**15**	ug/L	10	2	5	09/20/21 16:47	09/10/21	
Molybdenum	6020A	**99.8**	ug/L	0.50	0.15	5	09/20/21 16:47	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110139
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 11:20
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-214	**Basis:**	NA
Lab Code:	K2110139-001		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**68.1**	ug/L	2.5	0.5	5	09/20/21 16:29	09/10/21	
Iron	6020A	**816**	ug/L	10	2	5	09/20/21 16:29	09/10/21	
Molybdenum	6020A	**97.7**	ug/L	0.50	0.15	5	09/20/21 16:29	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110139
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 11:25
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-1214	**Basis:**	NA
Lab Code:	K2110139-002		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**18.2**	ug/L	2.5	0.5	5	09/20/21 16:49	09/10/21	
Iron	6020A	**12**	ug/L	10	2	5	09/20/21 16:49	09/10/21	
Molybdenum	6020A	**100**	ug/L	0.50	0.15	5	09/20/21 16:49	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110139
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 11:25
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-1214	**Basis:**	NA
Lab Code:	K2110139-002		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**38.3**	ug/L	2.5	0.5	5	09/20/21 16:36	09/10/21	
Iron	6020A	**305**	ug/L	10	2	5	09/20/21 16:36	09/10/21	
Molybdenum	6020A	**98.3**	ug/L	0.50	0.15	5	09/20/21 16:36	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110139
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 11:40
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-314	**Basis:**	NA
Lab Code:	K2110139-003		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**28.1**	ug/L	2.5	0.5	5	09/20/21 16:50	09/10/21	
Iron	6020A	**10**	ug/L	10	2	5	09/20/21 16:50	09/10/21	
Molybdenum	6020A	**101**	ug/L	0.50	0.15	5	09/20/21 16:50	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110139
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 11:40
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-314	**Basis:**	NA
Lab Code:	K2110139-003		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**86.3**	ug/L	2.5	0.5	5	09/20/21 16:38	09/10/21	
Iron	6020A	**976**	ug/L	10	2	5	09/20/21 16:38	09/10/21	
Molybdenum	6020A	**95.7**	ug/L	0.50	0.15	5	09/20/21 16:38	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110139
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 11:45
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-1314	**Basis:**	NA
Lab Code:	K2110139-004		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**25.6**	ug/L	2.5	0.5	5	09/20/21 16:51	09/10/21	
Iron	6020A	**13**	ug/L	10	2	5	09/20/21 16:51	09/10/21	
Molybdenum	6020A	**99.5**	ug/L	0.50	0.15	5	09/20/21 16:51	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110139
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 12:30
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-115	**Basis:**	NA
Lab Code:	K2110139-005		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**1.2 J**	ug/L	2.5	0.5	5	09/20/21 16:53	09/10/21	
Iron	6020A	**18**	ug/L	10	2	5	09/20/21 16:53	09/10/21	
Molybdenum	6020A	**93.7**	ug/L	0.50	0.15	5	09/20/21 16:53	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110139
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 12:30
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-115	**Basis:**	NA
Lab Code:	K2110139-005		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**8.6**	ug/L	2.5	0.5	5	09/20/21 16:39	09/10/21	
Iron	6020A	**757**	ug/L	10	2	5	09/20/21 16:39	09/10/21	
Molybdenum	6020A	**95.8**	ug/L	0.50	0.15	5	09/20/21 16:39	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110139
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 12:35
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-1115	**Basis:**	NA
Lab Code:	K2110139-006		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**1.0 J**	ug/L	2.5	0.5	5	09/20/21 16:54	09/10/21	
Iron	6020A	**19**	ug/L	10	2	5	09/20/21 16:54	09/10/21	
Molybdenum	6020A	**91.8**	ug/L	0.50	0.15	5	09/20/21 16:54	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110139
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 12:50
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-215	**Basis:**	NA
Lab Code:	K2110139-007		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**0.8**	**J**	ug/L	2.5	0.5	5	09/20/21 16:55	09/10/21	
Iron	6020A	**6**	**J**	ug/L	10	2	5	09/20/21 16:55	09/10/21	
Molybdenum	6020A	**92.7**		ug/L	0.50	0.15	5	09/20/21 16:55	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110139
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 12:50
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-215	**Basis:**	NA
Lab Code:	K2110139-007		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**6.9**	ug/L	2.5	0.5	5	09/20/21 16:43	09/10/21	
Iron	6020A	**597**	ug/L	10	2	5	09/20/21 16:43	09/10/21	
Molybdenum	6020A	**96.9**	ug/L	0.50	0.15	5	09/20/21 16:43	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110139
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 12:55
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-1215	**Basis:**	NA
Lab Code:	K2110139-008		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**1.0**	**J**	ug/L	2.5	0.5	5	09/20/21 17:00	09/10/21	
Iron	6020A	**10**	**J**	ug/L	10	2	5	09/20/21 17:00	09/10/21	
Molybdenum	6020A	**90.4**		ug/L	0.50	0.15	5	09/20/21 17:00	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110139
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 12:55
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-1215	**Basis:**	NA
Lab Code:	K2110139-008		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**33.8**	ug/L	2.5	0.5	5	09/20/21 16:44	09/10/21	
Iron	6020A	**2910**	ug/L	10	2	5	09/20/21 16:44	09/10/21	
Molybdenum	6020A	**96.3**	ug/L	0.50	0.15	5	09/20/21 16:44	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110139
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 13:05
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-315	**Basis:**	NA
Lab Code:	K2110139-009		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**1.2 J**	ug/L	2.5	0.5	5	09/20/21 17:01	09/10/21	
Iron	6020A	**32**	ug/L	10	2	5	09/20/21 17:01	09/10/21	
Molybdenum	6020A	**93.5**	ug/L	0.50	0.15	5	09/20/21 17:01	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110139
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 13:05
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-315	**Basis:**	NA
Lab Code:	K2110139-009		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**23.4**	ug/L	2.5	0.5	5	09/20/21 16:46	09/10/21	
Iron	6020A	**2190**	ug/L	10	2	5	09/20/21 16:46	09/10/21	
Molybdenum	6020A	**99.3**	ug/L	0.50	0.15	5	09/20/21 16:46	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110139
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 13:10
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-1315	**Basis:**	NA
Lab Code:	K2110139-010		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**1.1**	ug/L	2.5	0.5	5	09/20/21 17:02	09/10/21	J
Iron	6020A	**13**	ug/L	10	2	5	09/20/21 17:02	09/10/21	
Molybdenum	6020A	**94.7**	ug/L	0.50	0.15	5	09/20/21 17:02	09/10/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110139
Project:	Grumman Road Treatability	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2117258-01		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	0.50	0.09	1	09/20/21 16:27	09/10/21	
Iron	6020A	ND	U	ug/L	2.0	0.3	1	09/20/21 16:27	09/10/21	
Molybdenum	6020A	ND	U	ug/L	0.10	0.03	1	09/20/21 16:27	09/10/21	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110139
Project	Grumman Road Treatability	**Date Collected:**	08/27/21
Sample Matrix:	Water	**Date Received:**	08/30/21
		Date Analyzed:	09/20/21

Replicate Sample Summary
Total Metals

Sample Name:	GR-GWC-15-214	**Units:**	ug/L
Lab Code:	K2110139-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2117258-03 Result	Average	RPD	RPD Limit
Arsenic	6020A	2.5	0.5	68.1	66.5	67.3	2	20
Iron	6020A	10	2	816	809	813	<1	20
Molybdenum	6020A	0.50	0.15	97.7	99.8	98.8	2	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Printed 9/21/2021 12:23:08 PM

Superset Reference:

ALS Group USA, Corp.
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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110139
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21
Sample Matrix:	Water	**Date Received:**	08/30/21
		Date Analyzed:	09/20/21
		Date Extracted:	09/10/21

Matrix Spike Summary
Total Metals

Sample Name:	GR-GWC-15-214	**Units:**	ug/L
Lab Code:	K2110139-001	**Basis:**	NA
Analysis Method:	6020A		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2117258-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	68.1	125	50.0	113	75-125
Iron	816	867	50	103 #	75-125
Molybdenum	97.7	126	25.0	115	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110139
Project:	Grumman Road Treatability	**Date Analyzed:**	09/20/21
Sample Matrix:	Water		

Lab Control Sample Summary
Total Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2117258-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6020A	51.4	50.0	103	80-120
Iron	6020A	51.1	50.0	102	80-120
Molybdenum	6020A	26.7	25.0	107	80-120

ALS Group USA, Corp.
dba ALS Environmental

Prep Summary Report

Client: Anchor QEA, LLC **Service Request:** K2110139
Project: Grumman Road Treatability
Sample Matrix: Water

Metals

Prep Method: EPA CLP ILM04.0 **Extraction Lot:** 386800
Analytical Method: 6020A **Extraction Date:** 09/10/21 12:16

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Amount	Percent Solids
GR-GWC-15-214	K2110139-001	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-1214	K2110139-002	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-314	K2110139-003	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-1314	K2110139-004	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-115	K2110139-005	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-1115	K2110139-006	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-215	K2110139-007	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-1215	K2110139-008	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-315	K2110139-009	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-1315	K2110139-010	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-214	K2110139-001	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-1214	K2110139-002	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-314	K2110139-003	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-115	K2110139-005	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-215	K2110139-007	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-1215	K2110139-008	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-315	K2110139-009	8/27/21	8/30/21	10 mL	10 mL	
Method Blank	KQ2117258-01MB	NA	NA	10 mL	10 mL	
Lab Control Sample	KQ2117258-02LCS	NA	NA	10 mL	10.3 mL	
Duplicate	KQ2117258-03DUP	8/27/21	8/30/21	10 mL	10 mL	
Matrix Spike	KQ2117258-04MS	8/27/21	8/30/21	10 mL	10.3 mL	

Client: Anchor QEA, LLC **Service Request:** K2110139
Project: Grumman Road Treatability

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits
ICV 09/20/21 14:12						
Arsenic	6020A	739349	23.7	25.0	95	90-110
Iron	6020A	739349	48.1	50.0	96	90-110
Molybdenum	6020A	739349	24.5	25.0	98	90-110
CCV 09/20/21 14:14						
Arsenic	6020A	739349	25.3	25.0	101	90-110
Iron	6020A	739349	250	250	100	90-110
Molybdenum	6020A	739349	12.7	12.5	101	90-110
CCV 09/20/21 14:46						
Arsenic	6020A	739349	25.5	25.0	102	90-110
Iron	6020A	739349	253	250	101	90-110
Molybdenum	6020A	739349	12.6	12.5	101	90-110
CCV 09/20/21 15:02						
Arsenic	6020A	739349	25.6	25.0	103	90-110
Iron	6020A	739349	254	250	102	90-110
Molybdenum	6020A	739349	12.7	12.5	102	90-110
CCV 09/20/21 15:06						
Arsenic	6020A	739349	25.5	25.0	102	90-110
Iron	6020A	739349	256	250	102	90-110
Molybdenum	6020A	739349	12.6	12.5	100	90-110
CCV 09/20/21 15:24						
Arsenic	6020A	739349	25.5	25.0	102	90-110
Iron	6020A	739349	251	250	101	90-110
Molybdenum	6020A	739349	12.9	12.5	103	90-110
CCV 09/20/21 15:41						
Arsenic	6020A	739349	25.3	25.0	101	90-110
Iron	6020A	739349	250	250	100	90-110
Molybdenum	6020A	739349	12.7	12.5	102	90-110
CCV 09/20/21 15:49						
Arsenic	6020A	739349	25.9	25.0	103	90-110
Iron	6020A	739349	252	250	101	90-110
Molybdenum	6020A	739349	12.6	12.5	101	90-110
CCV 09/20/21 16:07						
Arsenic	6020A	739349	25.6	25.0	102	90-110
Iron	6020A	739349	251	250	100	90-110
Molybdenum	6020A	739349	12.7	12.5	102	90-110

Client: Anchor QEA, LLC **Service Request:** K2110139
Project: Grumman Road Treatability

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits
CCV 09/20/21 16:22						
Arsenic	6020A	739349	25.7	25.0	103	90-110
Iron	6020A	739349	255	250	102	90-110
Molybdenum	6020A	739349	12.7	12.5	102	90-110
CCV 09/20/21 16:40						
Arsenic	6020A	739349	25.7	25.0	103	90-110
Iron	6020A	739349	253	250	101	90-110
Molybdenum	6020A	739349	12.6	12.5	101	90-110
CCV 09/20/21 16:57						
Arsenic	6020A	739349	25.0	25.0	100	90-110
Iron	6020A	739349	247	250	99	90-110
Molybdenum	6020A	739349	12.2	12.5	98	90-110
CCV 09/20/21 17:04						
Arsenic	6020A	739349	24.6	25.0	98	90-110
Iron	6020A	739349	240	250	96	90-110
Molybdenum	6020A	739349	12.2	12.5	98	90-110

Client: Anchor QEA, LLC **Service Request:** K2110139
Project: Grumman Road Treatability

INITIAL AND CONTINUING CALIBRATION BLANKS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	C
ICB 09/20/21 14:15				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
CCB 09/20/21 14:16				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
CCB 09/20/21 14:47				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
CCB 09/20/21 15:04				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
CCB 09/20/21 15:08				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
CCB 09/20/21 15:26				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
CCB 09/20/21 15:42				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
CCB 09/20/21 15:51				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
CCB 09/20/21 16:09				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U

Client: Anchor QEA, LLC **Service Request:** K2110139
Project: Grumman Road Treatability

INITIAL AND CONTINUING CALIBRATION BLANKS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	C
CCB 09/20/21 16:24				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
CCB 09/20/21 16:42				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
CCB 09/20/21 16:58				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
CCB 09/20/21 17:05				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U

Client: Anchor QEA, LLC **Service Request:** K2110139
Project: Grumman Road Treatability

LOW LEVEL INITIAL AND LOW LEVEL CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
LLICV							
Arsenic	6020A	739349	0.50	0.5	101	70-130	09/20/21 14:18
Iron	6020A	739349	2.3	2.0	116	70-130	09/20/21 14:18
Molybdenum	6020A	739349	0.098	0.1	98	70-130	09/20/21 14:18
LLCCV							
Arsenic	6020A	739349	0.52	0.5	104	70-130	09/20/21 15:09
Iron	6020A	739349	2.3	2.0	114	70-130	09/20/21 15:09
Molybdenum	6020A	739349	0.10	0.1	100	70-130	09/20/21 15:09
LLCCV							
Arsenic	6020A	739349	0.52	0.5	104	70-130	09/20/21 15:52
Iron	6020A	739349	2.2	2.0	112	70-130	09/20/21 15:52
Molybdenum	6020A	739349	0.10	0.1	104	70-130	09/20/21 15:52
LLCCV							
Arsenic	6020A	739349	0.54	0.5	108	70-130	09/20/21 16:25
Iron	6020A	739349	2.4	2.0	118	70-130	09/20/21 16:25
Molybdenum	6020A	739349	0.10	0.1	101	70-130	09/20/21 16:25
LLCCV							
Arsenic	6020A	739349	0.47	0.5	93	70-130	09/20/21 17:07
Iron	6020A	739349	2.1	2.0	105	70-130	09/20/21 17:07
Molybdenum	6020A	739349	0.11	0.1	108	70-130	09/20/21 17:07

Client: Anchor QEA, LLC **Service Request:** K2110139
Project: Grumman Road Treatability

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSA **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Arsenic	6020A	739349	0.18	-	-	-	09/20/21 14:19
Iron	6020A	739349	47000	-	-	-	09/20/21 14:19
Molybdenum	6020A	739349	49.8	-	-	-	09/20/21 14:19

Client: Anchor QEA, LLC **Service Request:** K2110139
Project: Grumman Road Treatability

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSAB **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Arsenic	6020A	739349	24.0	25.0	96	80-120	09/20/21 14:20
Iron	6020A	739349	47200	-	-	-	09/20/21 14:20
Molybdenum	6020A	739349	50.1	-	-	-	09/20/21 14:20

Client: Anchor QEA, LLC **Service Request:** K2110139
Project: Grumman Road Treatability

POST SPIKE SAMPLE RECOVERY

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Post Spike Result	True Value	% Rec	% Rec. Limits	Analysis Date
K2110139-001A								
Arsenic	6020A	739349	13.6	66.9	50.0	107	80-120	09/20/21 16:33
Iron	6020A	739349	163	210	50	93	80-120	09/20/21 16:33
Molybdenum	6020A	739349	19.5	71.8	50.0	105	80-120	09/20/21 16:33

Results flagged with a pound (#) indicate the control criteria is not applicable.

Client: Anchor QEA, LLC **Service Request:** K2110139
Project: Grumman Road Treatability

ICP SERIAL DILUTIONS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Serial Dillution Result	% Diff	% Diff. Limit	Analysis Date
K2110139-001SDL							
Arsenic	6020A	739349	68	67	2	10	09/20/21 16:32
Iron	6020A	739349	816	801	2	10	09/20/21 16:32
Molybdenum	6020A	739349	97.7	98.6	1	10	09/20/21 16:32

Client: Anchor QEA, LLC **Service Request:** K2110139
Project: Grumman Road Treatability/

Detection Limits

Instrument: K-ICP-MS-06 **Matrix:** Water

Analyte	Mass	Units	MRL	MDL	Method
Arsenic	75	ug/L	0.5	0.09	6020A
Iron	56	ug/L	2	0.3	6020A
Molybdenum	95	ug/L	0.1	0.03	6020A

Client: Anchor QEA, LLC **Service Request:** K2110139
Project: Grumman Road Treatability/

ICP Linear Range (Quarterly)

Instrument: K-ICP-MS-06

Analyte	Concentration (ug/L)	Method
Arsenic 75	4500	6020A
Iron 56	45000	6020A
Molybdenum 95	4500	6020A

Client: Anchor QEA, LLC **Service Request:** K2110139
Project: Grumman Road Treatability/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **739349**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
ZZZZZZ	1	09/20/21 14:09			
ZZZZZZ	1	09/20/21 14:11			
ICV	1	09/20/21 14:12	X	X	X
CCV	1	09/20/21 14:14	X	X	X
ICB	1	09/20/21 14:15	X	X	X
CCB	1	09/20/21 14:16	X	X	X
LLICVW	1	09/20/21 14:18	X	X	X
ICSA	1	09/20/21 14:19	X	X	X
ICSAB	1	09/20/21 14:20	X	X	X
ZZZZZZ	1	09/20/21 14:22			
ZZZZZZ	1	09/20/21 14:32			
ZZZZZZ	1	09/20/21 14:33			
ZZZZZZ	5	09/20/21 14:35			
ZZZZZZ	5	09/20/21 14:36			
ZZZZZZ	25	09/20/21 14:37			
ZZZZZZ	5	09/20/21 14:39			
ZZZZZZ	5	09/20/21 14:40			
ZZZZZZ	5	09/20/21 14:41			
ZZZZZZ	5	09/20/21 14:43			
ZZZZZZ	5	09/20/21 14:44			
CCV	1	09/20/21 14:46	X	X	X
CCB	1	09/20/21 14:47	X	X	X
ZZZZZZ	5	09/20/21 14:48			
ZZZZZZ	5	09/20/21 14:50			
ZZZZZZ	5	09/20/21 14:51			
ZZZZZZ	5	09/20/21 14:53			
ZZZZZZ	5	09/20/21 14:54			
ZZZZZZ	5	09/20/21 14:55			
ZZZZZZ	5	09/20/21 14:57			
ZZZZZZ	5	09/20/21 14:58			
ZZZZZZ	5	09/20/21 15:00			
ZZZZZZ	5	09/20/21 15:01			
CCV	1	09/20/21 15:02	X	X	X
CCB	1	09/20/21 15:04	X	X	X
ZZZZZZ	5	09/20/21 15:05			
CCV	1	09/20/21 15:06	X	X	X
CCB	1	09/20/21 15:08	X	X	X

Client: Anchor QEA, LLC **Service Request:** K2110139
Project: Grumman Road Treatability/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **739349**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
LLCCVW	1	09/20/21 15:09	X	X	X
ZZZZZZ	1	09/20/21 15:11			
ZZZZZZ	1	09/20/21 15:12			
ZZZZZZ	5	09/20/21 15:13			
ZZZZZZ	5	09/20/21 15:15			
ZZZZZZ	25	09/20/21 15:16			
ZZZZZZ	5	09/20/21 15:17			
ZZZZZZ	5	09/20/21 15:19			
ZZZZZZ	5	09/20/21 15:20			
ZZZZZZ	5	09/20/21 15:22			
ZZZZZZ	5	09/20/21 15:23			
CCV	1	09/20/21 15:24	X	X	X
CCB	1	09/20/21 15:26	X	X	X
ZZZZZZ	5	09/20/21 15:27			
ZZZZZZ	5	09/20/21 15:29			
ZZZZZZ	5	09/20/21 15:30			
ZZZZZZ	5	09/20/21 15:31			
ZZZZZZ	5	09/20/21 15:33			
ZZZZZZ	5	09/20/21 15:34			
ZZZZZZ	5	09/20/21 15:35			
ZZZZZZ	5	09/20/21 15:37			
ZZZZZZ	5	09/20/21 15:38			
ZZZZZZ	5	09/20/21 15:40			
CCV	1	09/20/21 15:41	X	X	X
CCB	1	09/20/21 15:42	X	X	X
ZZZZZZ	5	09/20/21 15:44			
ZZZZZZ	5	09/20/21 15:45			
ZZZZZZ	5	09/20/21 15:46			
ZZZZZZ	5	09/20/21 15:48			
CCV	1	09/20/21 15:49	X	X	X
CCB	1	09/20/21 15:51	X	X	X
LLCCVW	1	09/20/21 15:52	X	X	X
ZZZZZZ	1	09/20/21 15:53			
ZZZZZZ	1	09/20/21 15:55			
ZZZZZZ	5	09/20/21 15:56			
ZZZZZZ	5	09/20/21 15:57			
ZZZZZZ	25	09/20/21 15:59			

Client: Anchor QEA, LLC **Service Request:** K2110139
Project: Grumman Road Treatability/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **739349**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
ZZZZZZ	5	09/20/21 16:00			
ZZZZZZ	5	09/20/21 16:02			
ZZZZZZ	5	09/20/21 16:03			
ZZZZZZ	5	09/20/21 16:04			
ZZZZZZ	5	09/20/21 16:06			
CCV	1	09/20/21 16:07	X	X	X
CCB	1	09/20/21 16:09	X	X	X
ZZZZZZ	5	09/20/21 16:10			
ZZZZZZ	5	09/20/21 16:11			
ZZZZZZ	5	09/20/21 16:13			
ZZZZZZ	5	09/20/21 16:14			
ZZZZZZ	5	09/20/21 16:15			
ZZZZZZ	5	09/20/21 16:17			
ZZZZZZ	5	09/20/21 16:18			
ZZZZZZ	5	09/20/21 16:20			
ZZZZZZ	5	09/20/21 16:21			
CCV	1	09/20/21 16:22	X	X	X
CCB	1	09/20/21 16:24	X	X	X
LLCCVW	1	09/20/21 16:25	X	X	X
KQ2117258-01MB	1	09/20/21 16:27	X	X	X
KQ2117258-02LCS	1	09/20/21 16:28	X	X	X
K2110139-001	5	09/20/21 16:29	X	X	X
K2110139-001DUP	5	09/20/21 16:31	X	X	X
K2110139-001SDL	25	09/20/21 16:32	X	X	X
K2110139-001PS	5	09/20/21 16:33	X	X	X
K2110139-001MS	5	09/20/21 16:35	X	X	X
K2110139-002	5	09/20/21 16:36	X	X	X
K2110139-003	5	09/20/21 16:38	X	X	X
K2110139-005	5	09/20/21 16:39	X	X	X
CCV	1	09/20/21 16:40	X	X	X
CCB	1	09/20/21 16:42	X	X	X
K2110139-007	5	09/20/21 16:43	X	X	X
K2110139-008	5	09/20/21 16:44	X	X	X
K2110139-009	5	09/20/21 16:46	X	X	X
K2110139-001	5	09/20/21 16:47	X	X	X
K2110139-002	5	09/20/21 16:49	X	X	X
K2110139-003	5	09/20/21 16:50	X	X	X

Client: Anchor QEA, LLC **Service Request:** K2110139
Project: Grumman Road Treatability/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **739349**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
K2110139-004	5	09/20/21 16:51	X	X	X
K2110139-005	5	09/20/21 16:53	X	X	X
K2110139-006	5	09/20/21 16:54	X	X	X
K2110139-007	5	09/20/21 16:55	X	X	X
CCV	1	09/20/21 16:57	X	X	X
CCB	1	09/20/21 16:58	X	X	X
K2110139-008	5	09/20/21 17:00	X	X	X
K2110139-009	5	09/20/21 17:01	X	X	X
K2110139-010	5	09/20/21 17:02	X	X	X
CCV	1	09/20/21 17:04	X	X	X
CCB	1	09/20/21 17:05	X	X	X
LLCCVW	1	09/20/21 17:07	X	X	X
ZZZZZZ	1	09/20/21 17:08			
ZZZZZZ	1	09/20/21 17:09			
ZZZZZZ	5	09/20/21 17:11			
ZZZZZZ	5	09/20/21 17:12			
ZZZZZZ	25	09/20/21 17:13			
ZZZZZZ	5	09/20/21 17:15			
ZZZZZZ	5	09/20/21 17:16			
ZZZZZZ	5	09/20/21 17:18			
ZZZZZZ	5	09/20/21 17:19			
ZZZZZZ	5	09/20/21 17:20			
ZZZZZZ	1	09/20/21 17:22			
ZZZZZZ	1	09/20/21 17:23			
ZZZZZZ	5	09/20/21 17:24			
ZZZZZZ	5	09/20/21 17:26			
ZZZZZZ	5	09/20/21 17:27			
ZZZZZZ	5	09/20/21 17:29			
ZZZZZZ	5	09/20/21 17:30			
ZZZZZZ	5	09/20/21 17:31			
ZZZZZZ	5	09/20/21 17:33			
ZZZZZZ	5	09/20/21 17:34			
ZZZZZZ	5	09/20/21 17:35			
ZZZZZZ	5	09/20/21 17:37			
ZZZZZZ	1	09/20/21 17:38			
ZZZZZZ	1	09/20/21 17:40			
ZZZZZZ	5	09/20/21 17:41			

Client: Anchor QEA, LLC **Service Request:** K2110139
Project: Grumman Road Treatability/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **739349**

Sample	Date/Time	Ge72He	In115He
ZZZZZZ	09/20/21 14:09		
ZZZZZZ	09/20/21 14:11		
ICV	09/20/21 14:12	100	98
CCV	09/20/21 14:14	98	98
ICB	09/20/21 14:15	98	98
CCB	09/20/21 14:16	95	96
LLICVW	09/20/21 14:18	95	97
ICSA	09/20/21 14:19	93	91
ICSAB	09/20/21 14:20	93	92
ZZZZZZ	09/20/21 14:22		
ZZZZZZ	09/20/21 14:32		
ZZZZZZ	09/20/21 14:33		
ZZZZZZ	09/20/21 14:35		
ZZZZZZ	09/20/21 14:36		
ZZZZZZ	09/20/21 14:37		
ZZZZZZ	09/20/21 14:39		
ZZZZZZ	09/20/21 14:40		
ZZZZZZ	09/20/21 14:41		
ZZZZZZ	09/20/21 14:43		
ZZZZZZ	09/20/21 14:44		
CCV	09/20/21 14:46	102	102
CCB	09/20/21 14:47	104	101
ZZZZZZ	09/20/21 14:48		
ZZZZZZ	09/20/21 14:50		
ZZZZZZ	09/20/21 14:51		
ZZZZZZ	09/20/21 14:53		
ZZZZZZ	09/20/21 14:54		
ZZZZZZ	09/20/21 14:55		
ZZZZZZ	09/20/21 14:57		
ZZZZZZ	09/20/21 14:58		
ZZZZZZ	09/20/21 15:00		
ZZZZZZ	09/20/21 15:01		
CCV	09/20/21 15:02	105	105
CCB	09/20/21 15:04	103	103
ZZZZZZ	09/20/21 15:05		
CCV	09/20/21 15:06	101	101
CCB	09/20/21 15:08	102	100

Client: Anchor QEA, LLC **Service Request:** K2110139
Project: Grumman Road Treatability/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **739349**

Sample	Date/Time	Ge72He	In115He
LLCCVW	09/20/21 15:09	100	101
ZZZZZZ	09/20/21 15:11		
ZZZZZZ	09/20/21 15:12		
ZZZZZZ	09/20/21 15:13		
ZZZZZZ	09/20/21 15:15		
ZZZZZZ	09/20/21 15:16		
ZZZZZZ	09/20/21 15:17		
ZZZZZZ	09/20/21 15:19		
ZZZZZZ	09/20/21 15:20		
ZZZZZZ	09/20/21 15:22		
ZZZZZZ	09/20/21 15:23		
CCV	09/20/21 15:24	107	106
CCB	09/20/21 15:26	105	106
ZZZZZZ	09/20/21 15:27		
ZZZZZZ	09/20/21 15:29		
ZZZZZZ	09/20/21 15:30		
ZZZZZZ	09/20/21 15:31		
ZZZZZZ	09/20/21 15:33		
ZZZZZZ	09/20/21 15:34		
ZZZZZZ	09/20/21 15:35		
ZZZZZZ	09/20/21 15:37		
ZZZZZZ	09/20/21 15:38		
ZZZZZZ	09/20/21 15:40		
CCV	09/20/21 15:41	107	105
CCB	09/20/21 15:42	106	104
ZZZZZZ	09/20/21 15:44		
ZZZZZZ	09/20/21 15:45		
ZZZZZZ	09/20/21 15:46		
ZZZZZZ	09/20/21 15:48		
CCV	09/20/21 15:49	106	107
CCB	09/20/21 15:51	106	105
LLCCVW	09/20/21 15:52	103	104
ZZZZZZ	09/20/21 15:53		
ZZZZZZ	09/20/21 15:55		
ZZZZZZ	09/20/21 15:56		
ZZZZZZ	09/20/21 15:57		
ZZZZZZ	09/20/21 15:59		

Client: Anchor QEA, LLC **Service Request:** K2110139
Project: Grumman Road Treatability/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **739349**

Sample	Date/Time	Ge72He	In115He
ZZZZZZ	09/20/21 16:00		
ZZZZZZ	09/20/21 16:02		
ZZZZZZ	09/20/21 16:03		
ZZZZZZ	09/20/21 16:04		
ZZZZZZ	09/20/21 16:06		
CCV	09/20/21 16:07	107	106
CCB	09/20/21 16:09	105	103
ZZZZZZ	09/20/21 16:10		
ZZZZZZ	09/20/21 16:11		
ZZZZZZ	09/20/21 16:13		
ZZZZZZ	09/20/21 16:14		
ZZZZZZ	09/20/21 16:15		
ZZZZZZ	09/20/21 16:17		
ZZZZZZ	09/20/21 16:18		
ZZZZZZ	09/20/21 16:20		
ZZZZZZ	09/20/21 16:21		
CCV	09/20/21 16:22	110	109
CCB	09/20/21 16:24	107	108
LLCCVW	09/20/21 16:25	105	106
KQ2117258-01MB	09/20/21 16:27	106	108
KQ2117258-02LCS	09/20/21 16:28	105	107
K2110139-001	09/20/21 16:29	105	106
K2110139-001DUP	09/20/21 16:31	106	104
K2110139-001SDL	09/20/21 16:32	108	106
K2110139-001PS	09/20/21 16:33	102	103
K2110139-001MS	09/20/21 16:35	104	104
K2110139-002	09/20/21 16:36	105	105
K2110139-003	09/20/21 16:38	104	104
K2110139-005	09/20/21 16:39	103	102
CCV	09/20/21 16:40	102	102
CCB	09/20/21 16:42	101	103
K2110139-007	09/20/21 16:43	103	101
K2110139-008	09/20/21 16:44	101	101
K2110139-009	09/20/21 16:46	101	101
K2110139-001	09/20/21 16:47	103	102
K2110139-002	09/20/21 16:49	102	103
K2110139-003	09/20/21 16:50	101	101

Client: Anchor QEA, LLC **Service Request:** K2110139
Project: Grumman Road Treatability/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **739349**

Sample	Date/Time	Ge72He	In115He
K2110139-004	09/20/21 16:51	102	103
K2110139-005	09/20/21 16:53	102	103
K2110139-006	09/20/21 16:54	103	103
K2110139-007	09/20/21 16:55	102	101
CCV	09/20/21 16:57	101	101
CCB	09/20/21 16:58	100	101
K2110139-008	09/20/21 17:00	101	102
K2110139-009	09/20/21 17:01	102	101
K2110139-010	09/20/21 17:02	102	101
CCV	09/20/21 17:04	101	101
CCB	09/20/21 17:05	99	98
LLCCVW	09/20/21 17:07	101	100
ZZZZZZ	09/20/21 17:08		
ZZZZZZ	09/20/21 17:09		
ZZZZZZ	09/20/21 17:11		
ZZZZZZ	09/20/21 17:12		
ZZZZZZ	09/20/21 17:13		
ZZZZZZ	09/20/21 17:15		
ZZZZZZ	09/20/21 17:16		
ZZZZZZ	09/20/21 17:18		
ZZZZZZ	09/20/21 17:19		
ZZZZZZ	09/20/21 17:20		
ZZZZZZ	09/20/21 17:22		
ZZZZZZ	09/20/21 17:23		
ZZZZZZ	09/20/21 17:24		
ZZZZZZ	09/20/21 17:26		
ZZZZZZ	09/20/21 17:27		
ZZZZZZ	09/20/21 17:29		
ZZZZZZ	09/20/21 17:30		
ZZZZZZ	09/20/21 17:31		
ZZZZZZ	09/20/21 17:33		
ZZZZZZ	09/20/21 17:34		
ZZZZZZ	09/20/21 17:35		
ZZZZZZ	09/20/21 17:37		
ZZZZZZ	09/20/21 17:38		
ZZZZZZ	09/20/21 17:40		
ZZZZZZ	09/20/21 17:41		

Raw Data

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
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General Chemistry

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
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	Yes	No	N/A
[illegible]			
1. Holding times met for all samples analyzed?			
2. Analysis [illegible]			
3. Were results within [illegible]?			
a. Does [illegible] GUARP apply?			
4. Are [illegible]			
5. Are [illegible]			
a. Method blanks [illegible] and [illegible]			
b. The proper frequency?			
c. Are [illegible]			
d. Are [illegible]			
e. Are [illegible]			
6. Are [illegible]			

CAS [illegible] Ion Chromatography

G1: Sample was analyzed [illegible] See [illegible]

G2: Sample was analyzed [illegible] analysis was performed [illegible] holding time

G4: Sample was [illegible] holding time

F1: High RPD [illegible]

I: [illegible]

I: Sample [illegible]

LCS	[illegible]	[illegible]	[illegible]
Fluoride	True Value: [illegible]	[illegible]	
Chloride	True Value: [illegible]	[illegible]	
Nitrite	True Value: [illegible]	[illegible]	
Bromide	True Value: [illegible]	[illegible]	
Nitrate	True Value: [illegible]	[illegible]	
Sulfate	True Value: [illegible]	[illegible]	

CCV	[illegible]	[illegible]	[illegible]
Fluoride	True Value: [illegible]	[illegible]	
Chloride	True Value: [illegible]	[illegible]	
Nitrite	True Value: [illegible]	[illegible]	
Bromide	True Value: [illegible]	[illegible]	
Nitrate	True Value: [illegible]	[illegible]	
Sulfate	True Value: [illegible]	[illegible]	

Spike			
200 ppm	[illegible]	[illegible]	[illegible]
Fluoride	[illegible]		
Chloride	[illegible]		
Nitrite	[illegible]		
Bromide	[illegible]		
Nitrate	[illegible]		
Sulfate	[illegible]		

Reviewed	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Analyst [illegible] Date [illegible]

Lab Reviewer [illegible] Date [illegible]

Lab Director [illegible] Date [illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Template: [illegible]

Lab Code	Parent Sample Name	QC	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DF	MDL	RDL	Notes	% RSD	Date Analyzed	QC?	Run
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]

* [illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Technique: [illegible]

Lab Code	Analyte Name	QC	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	PQL	% Rec	%RSD	Date Analyzed	QC?	Int
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]

[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Textcode: [illegible]

Lab Code	Client Analyte	SR	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	DF	MDL	RDL	% Rec	% RSD	Date Analyzed	QC?	Int
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]

[illegible]

Report [illegible] Page [illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Testcode: [illegible]

Lab Code	Target Analyte	MDL	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Det
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]						[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]						[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Testcode: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	RDL	% Rec	% RSD	Date Analyzed	QC?	Inc
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lab: [illegible] Method/Protocol: [illegible]

Lab Code	Parent Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	PQL	% Rec	%RSD	Date Analyzed	QC?	Qual
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method/Testcode: [illegible]

Lab Code	Target Analyte	QS	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DF	MDL	RDL	% Rec	% RSD	Date Analyzed	Qual	Corr
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Reference: [illegible]

Lab Sample	Target Analyte	RL	Target Quantity	Matrix	Raw Result	Sample Amt.	Final Result	DF	MDL	PQL	Notes	Qualifier	Date Analyzed	QC	Use
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	I
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	I
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	I
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	B
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	B
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	B
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	B
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	B
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	B
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	B
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	B

[illegible]

[illegible] [illegible] Page [illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Template: [illegible]

Lab Code	Target Analyte	QL	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Tag
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]

Operator: [illegible]
Date: [illegible]
Location: [illegible]
Timebase: [illegible]
Sample: [illegible]

No.	Name	Type	Pos.	Temp.	Injector	Method	Status	Date/Time
1	[illegible]	Standard	1	25.0	epa300	epa300	Finished	[illegible]
2	[illegible]	Standard	2	25.0	epa300	epa300	Finished	[illegible]
3	[illegible]	Standard	3	25.0	epa300	epa300	Finished	[illegible]
4	[illegible]	Standard	4	25.0	epa300	epa300	Finished	[illegible]
5	[illegible]	Standard	5	25.0	epa300	epa300	Finished	[illegible]
6	[illegible]	Standard	6	25.0	epa300	epa300	Finished	[illegible]
7	[illegible]	Standard	7	25.0	epa300	epa300	Finished	[illegible]
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47	[illegible]	Unknown	30	25	0	epa300	epa300	Finished	[illegible] PM
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49	[illegible]	Unknown	32	25	0	epa300	epa300	Running	[illegible]
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78	[illegible]	Unknown	50	25	0	epa300	epa300	Finished	[illegible] 1:38:15 AM
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Copyright © [illegible] Corporation Version [illegible]

Job
Contractor [illegible]
Location [illegible]
Timecard [illegible]
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Last Updated [illegible]

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Service Requested	Client/Hotel/Tour	Areas	1st Del	2nd Del	Recovery	Done
		F Cl NO3 Br NO2 SO4				
		F Cl NO3 Br NO2 SO4				
		F Cl NO3 Br NO2 SO4				
		F Cl NO3 Br NO2 SO4				
		F Cl NO3 Br NO2 SO4				
		F Cl NO3 Br NO2 SO4				
		F Cl NO3 Br NO2 SO4				
		F Cl NO3 Br NO2 SO4				
		F Cl NO3 Br NO2 SO4				
		F Cl NO3 Br NO2 SO4				

Sequence

Page

Statistics Required	Changes/Modifications	Groups	1st Qtl	2nd Qtl	Recovery	Done
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				

Sequence

Run

Service Request	Chemistries/Tier	Anion	1st Col	2nd Col	Recovery	Qtrm
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				

Sample Weight(g)	Chem/Mylar/Tap	Anion	1st Dil	2nd Dil	Recovery	Done
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 PO4				

Sample Number	Client/Notes/Time	Anion	1st Dil	2nd Dil	Recovery	Dilution
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
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		Br				
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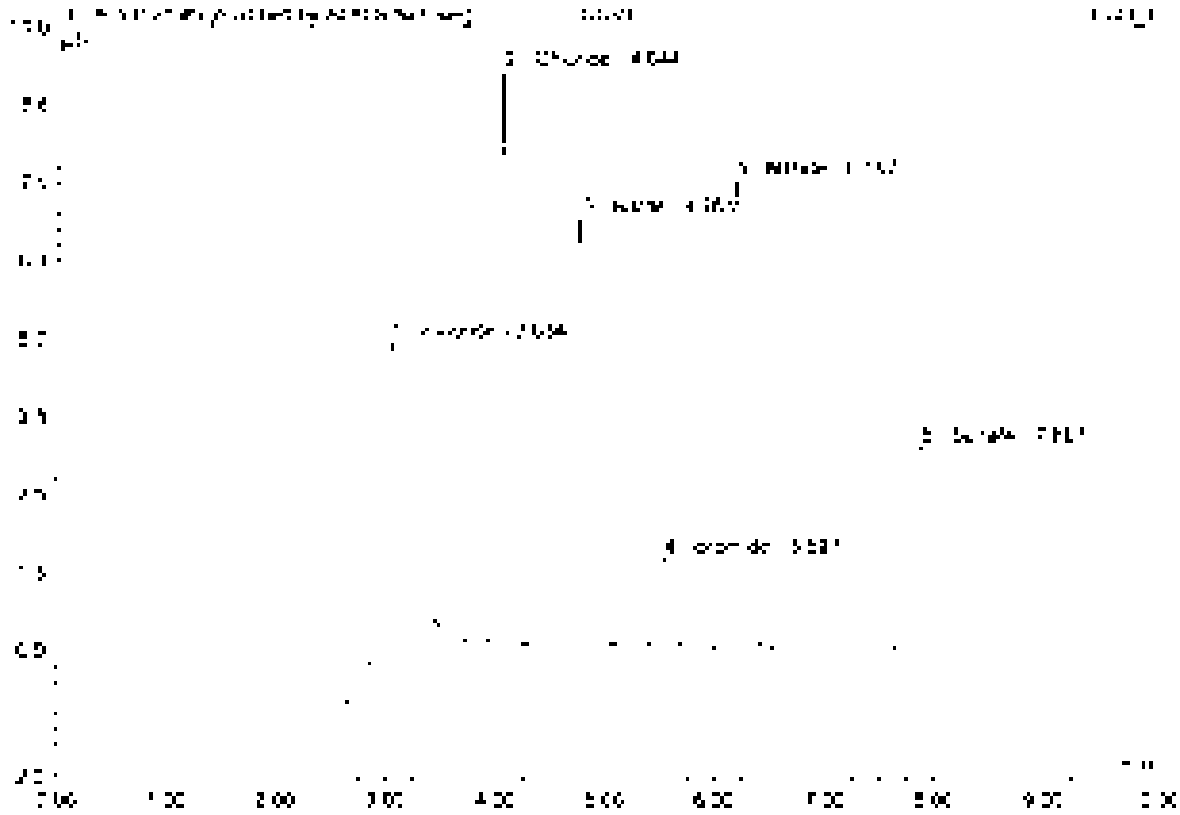
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				

9 CCV1

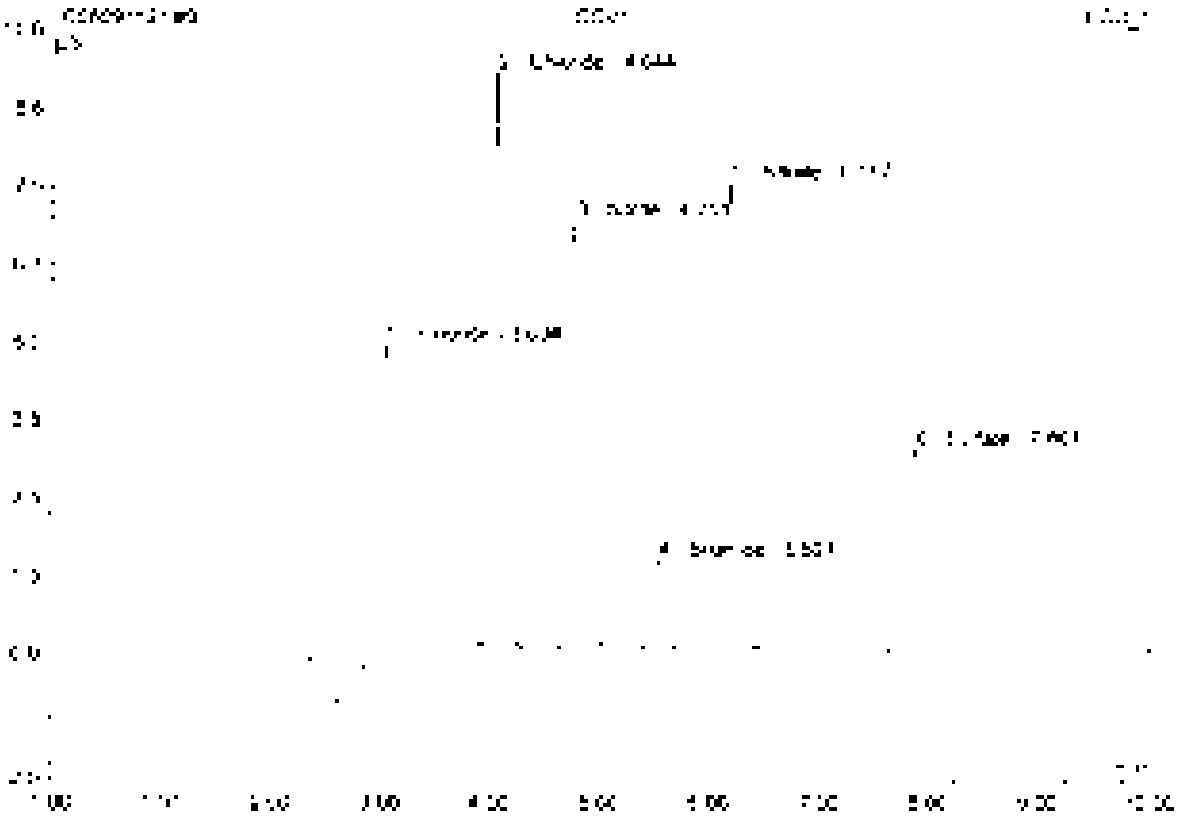
Sample Name	CCV1	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	5/19/2021 12:12	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	3.33	Fluoride	5.102	1.127	24.14	5.013	BMB*
2	4.04	Chloride	9.184	0.841	18.02	4.008	BMB*
3	4.76	Nitrite	6.656	0.880	18.91	2.472	BMB
4	5.53	Bromide	1.434	0.175	3.76	2.077	BMB
5	6.17	Nitrate	7.489	1.034	22.14	2.339	BMB
6	7.87	Sulfate	3.225	0.650	13.94	4.735	BMB
Total			33.289	4.668	100.00	21.547	

9 CCV1

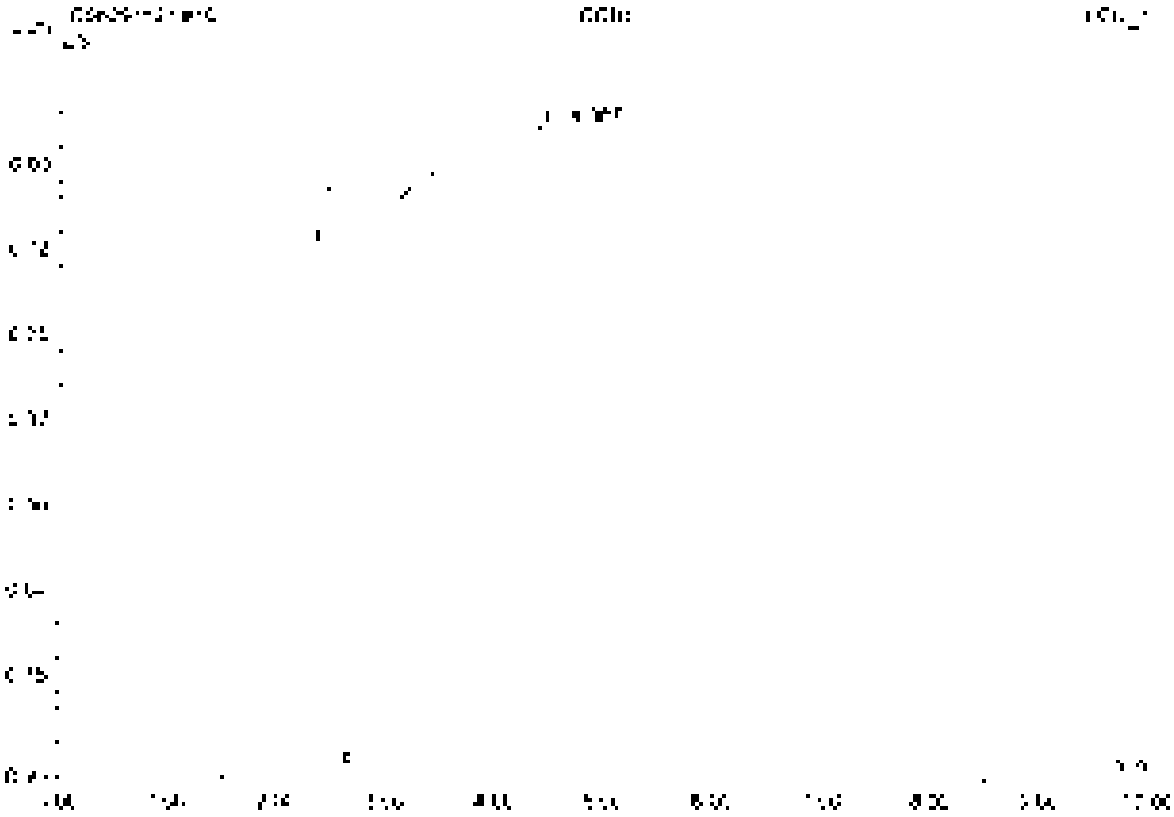
Sample Name	CCV1	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	9/15/2021 12:12	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.03	Fluoride	5.129	1.107	25.18	5.301	BMB
2	4.04	Chloride	9.184	0.841	17.77	4.608	BMB
3	4.76	Nitrite	6.856	0.581	18.65	2.472	BVB
4	5.53	Bromide	7.434	0.175	3.76	2.377	BVB
5	5.97	Nitrate	7.488	1.034	21.82	2.309	BMB
6	7.37	Sulfate	3.275	0.609	12.88	4.739	BMB
Total			39.315	4.734	100.00	21.837	

10 CCB1

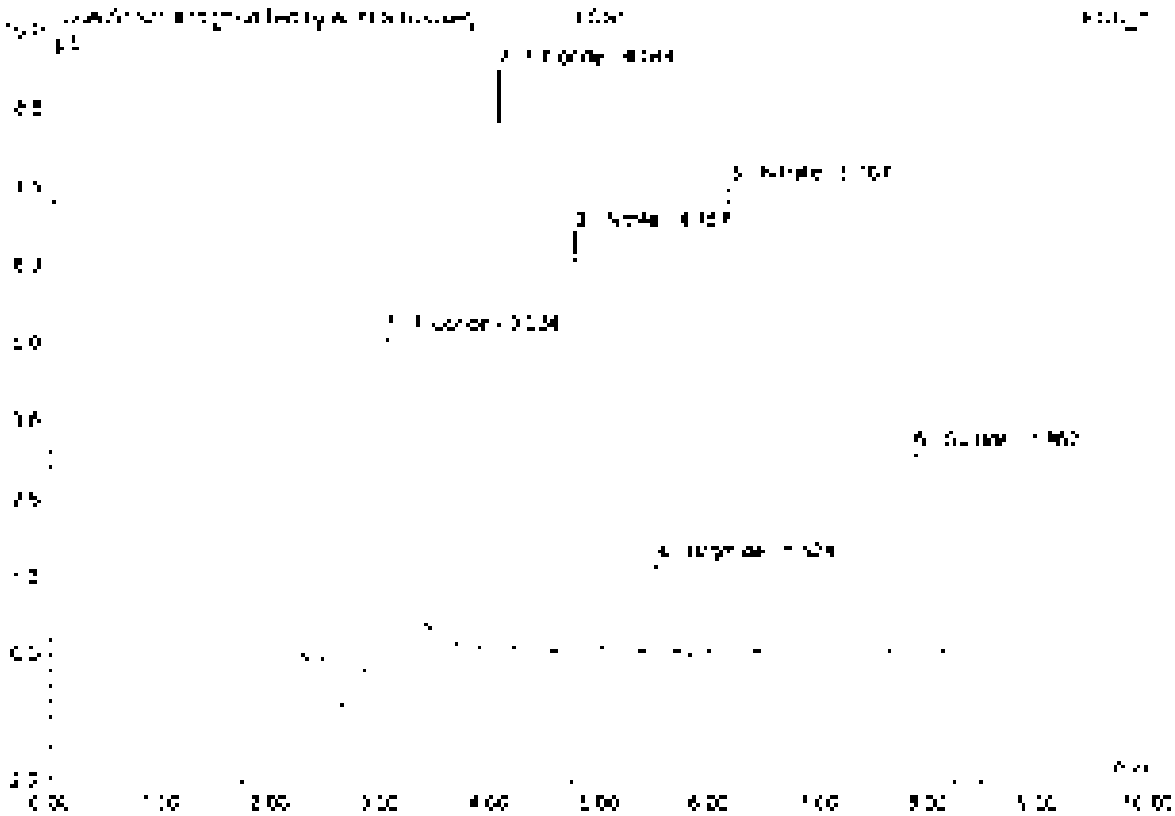
Sample Name	CCB1	Injection Volume	35.0
Vial Number	#7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Analysis Time	18/5/2021 13:23	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.39	n.a.	3.715	3.125	100.00	n.a.	BMB
Total:			3.715	3.125	100.00	0.000	

11 LCS1

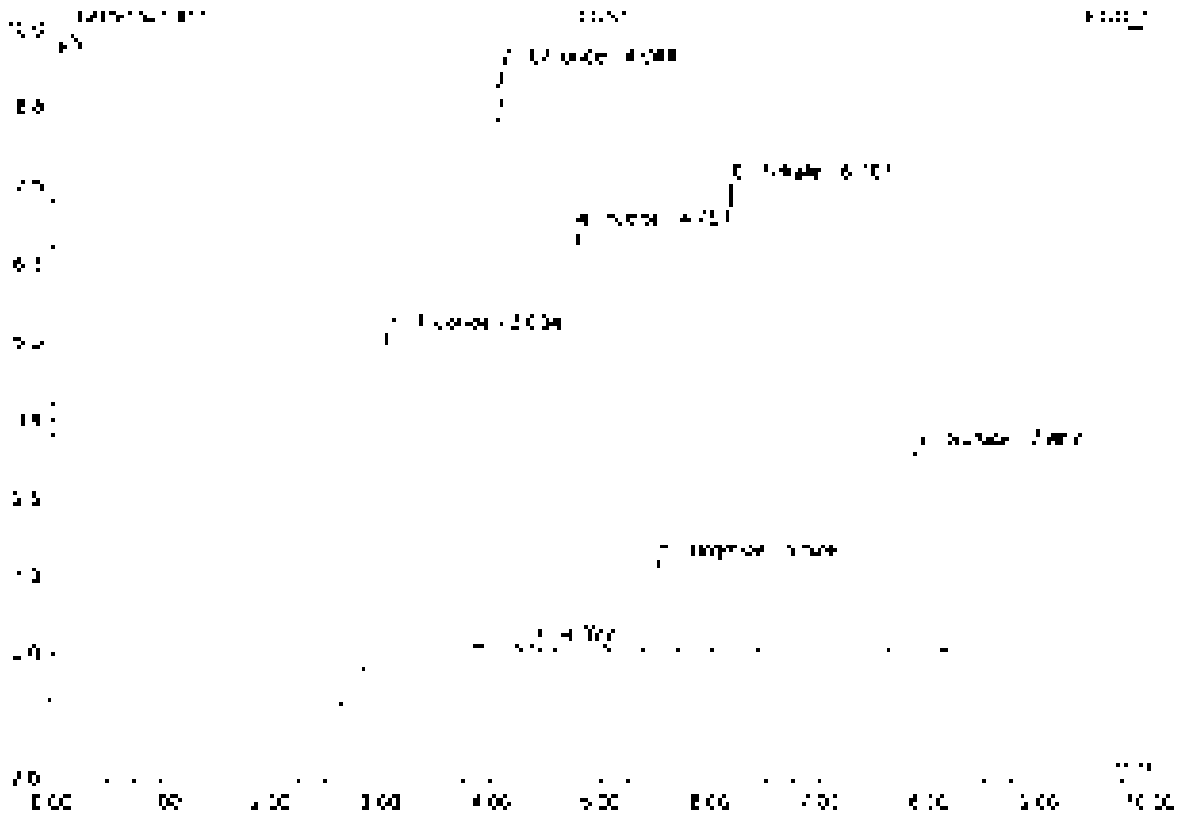
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	3/11/2021 12:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.02	Fluoride	5.298	1.159	24.70	5.157	BMBT
2	4.08	Chloride	9.250	0.849	18.10	4.062	BVBT
3	4.76	Nitrite	6.728	0.968	18.45	2.424	BMB
4	5.52	Bromide	1.452	0.178	3.79	2.407	BMB
5	6.17	Nitrate	7.507	1.035	22.06	2.345	BMB
6	7.87	Sulfate	3.230	0.605	12.92	4.719	BVB
Total			33.504	4.694	100.00	21.703	

11 LCS1

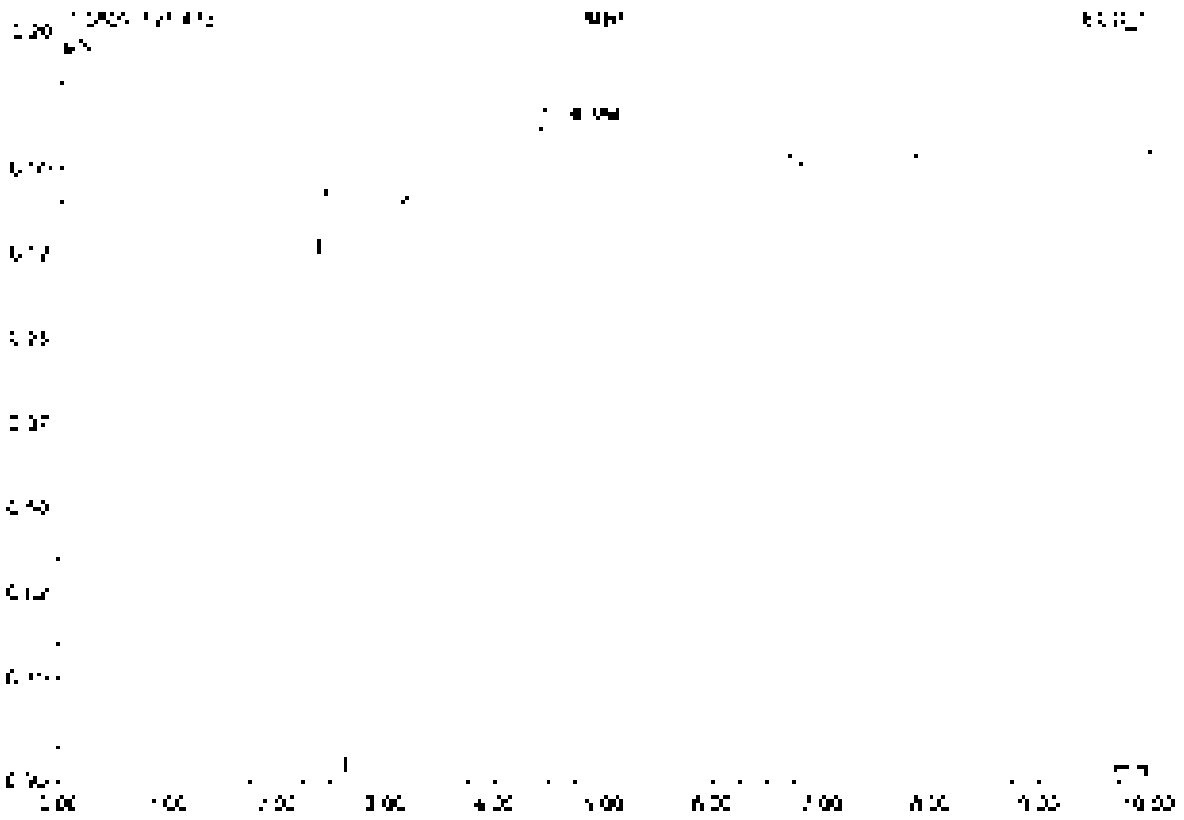
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	[illegible]/2021 12:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	3.03	Fluoride	5.320	[illegible]	25.50	5.386	BMb
2	4.04	Chloride	9.290	0.849	17.89	4.652	BMB
3	4.35	n.a.	0.358	0.005	[illegible]	n.a.	BMB
4	4.76	Nitrite	6.723	0.866	18.22	2.424	BMB
5	5.52	Bromide	1.452	0.138	3.74	2.407	BMB
6	6.17	Nitrate	7.507	1.035	21.79	2.341	BMB
7	7.57	Sulfate	3.230	0.600	12.76	4.715	BMB
Total:			33.581	[illegible]	100.00	21.935	

12 MB1

Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a
Control Program	wpa300	Bandwidth	n.a
Control Method	wpa300	Dilution Factor	1.0000
Recording Time	9/16/2021 12:47	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

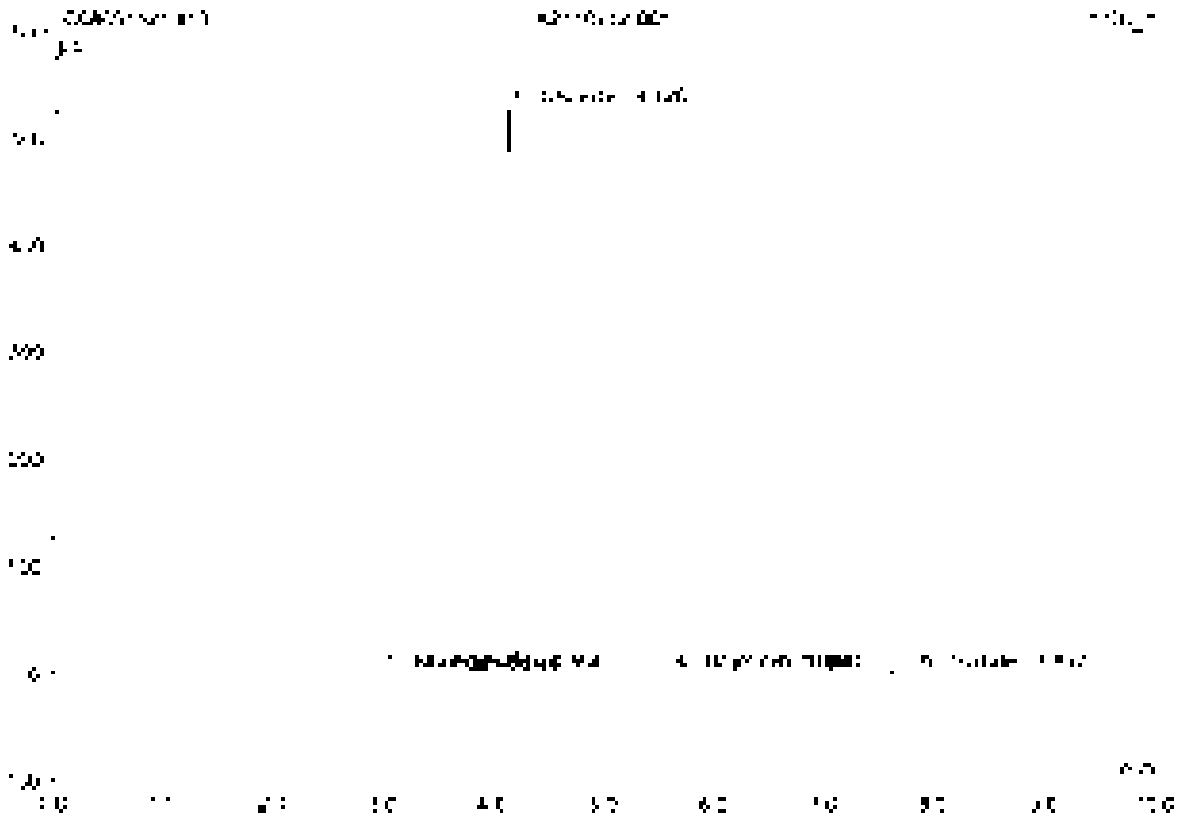


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.00	[illegible]	[illegible]
Total:			[illegible]	[illegible]	100.00	0.000	

13 K2110712-005

NO3/SO4

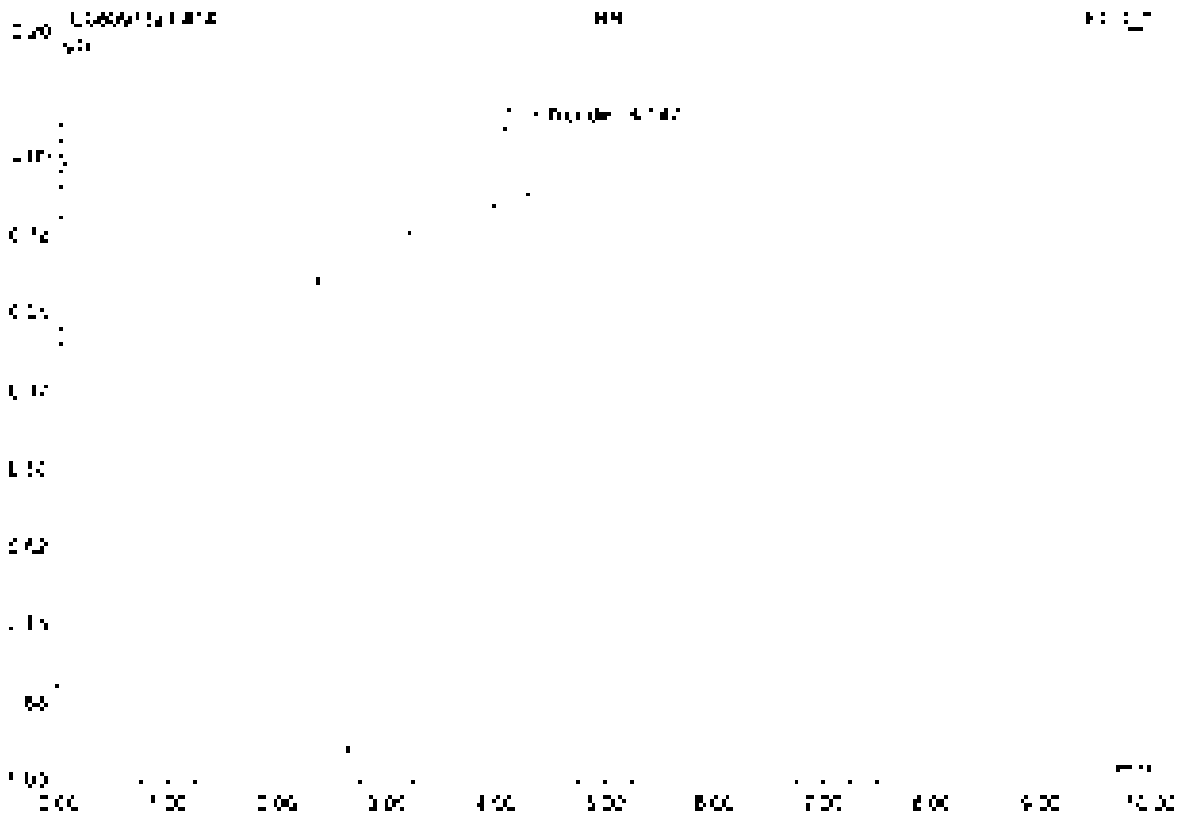
Sample Name	K2110712-005	Injection Volume	25.0
Vial Number	3	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	$[15/2021 13:5$	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.32	Fluoride	0.248	0.051	0.08	0.457	BMB
2	3.90	Formate	0.030	0.025	0.01	n.a.	BMB
3	4.12	Chloride	527.630	62.056	99.35	575.790	BMB
4	5.65	Bromide	0.421	0.042	0.02	1.411	BMB
5	6.55	n.a.	0.345	0.250	0.34	n.a.	BMB
6	7.90	Sulfate	0.401	0.083	0.13	1.296	BMB
Total:			529.085	62.461	100.00	642.556	

14 RB

Sample Name	RB	Injection Volume	35.0
Vial Number	50	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Method Name	epa300	Bandwidth	n.a.
Sample Named	epa300	Dilution Factor	1.0000
Acquiring Time	9/16/2021 10:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

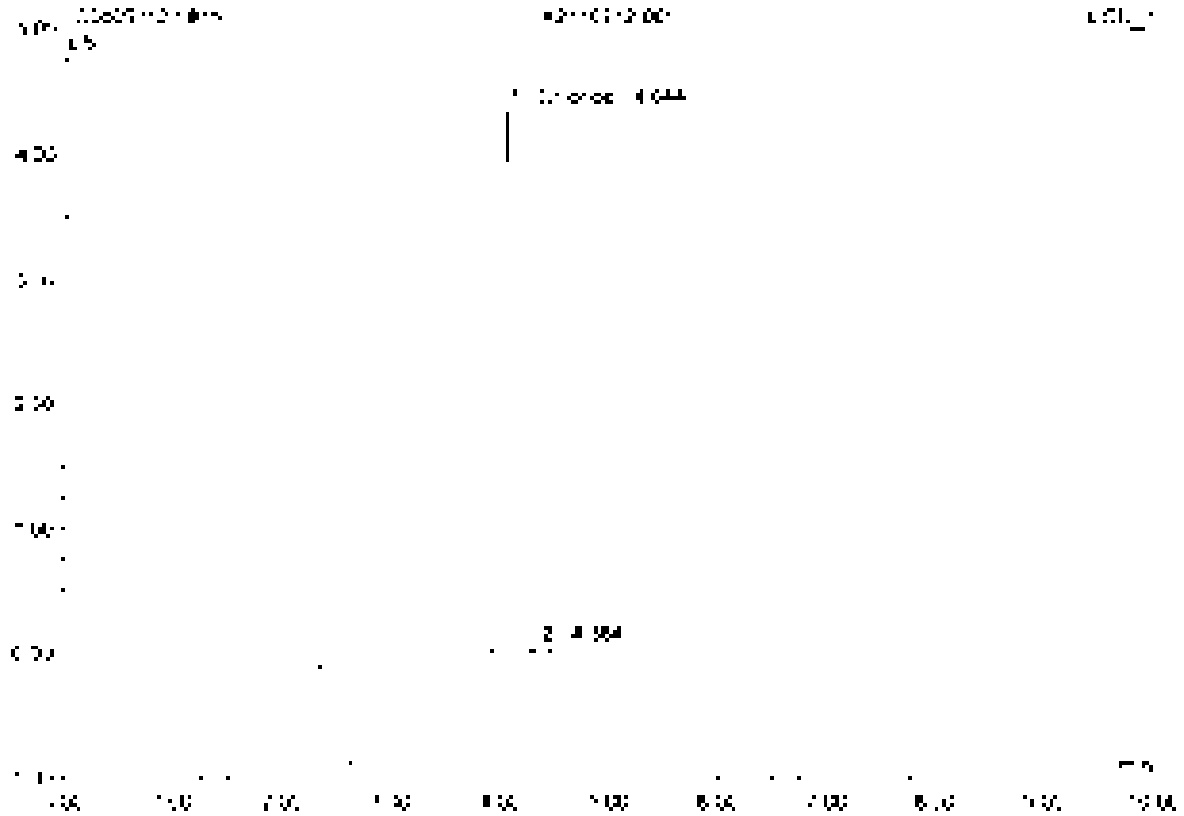


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.124	0.015	100.00	0.084	BMB
Total: 1			0.124	0.015	100.00	0.084	

15 K2110712-005

CL

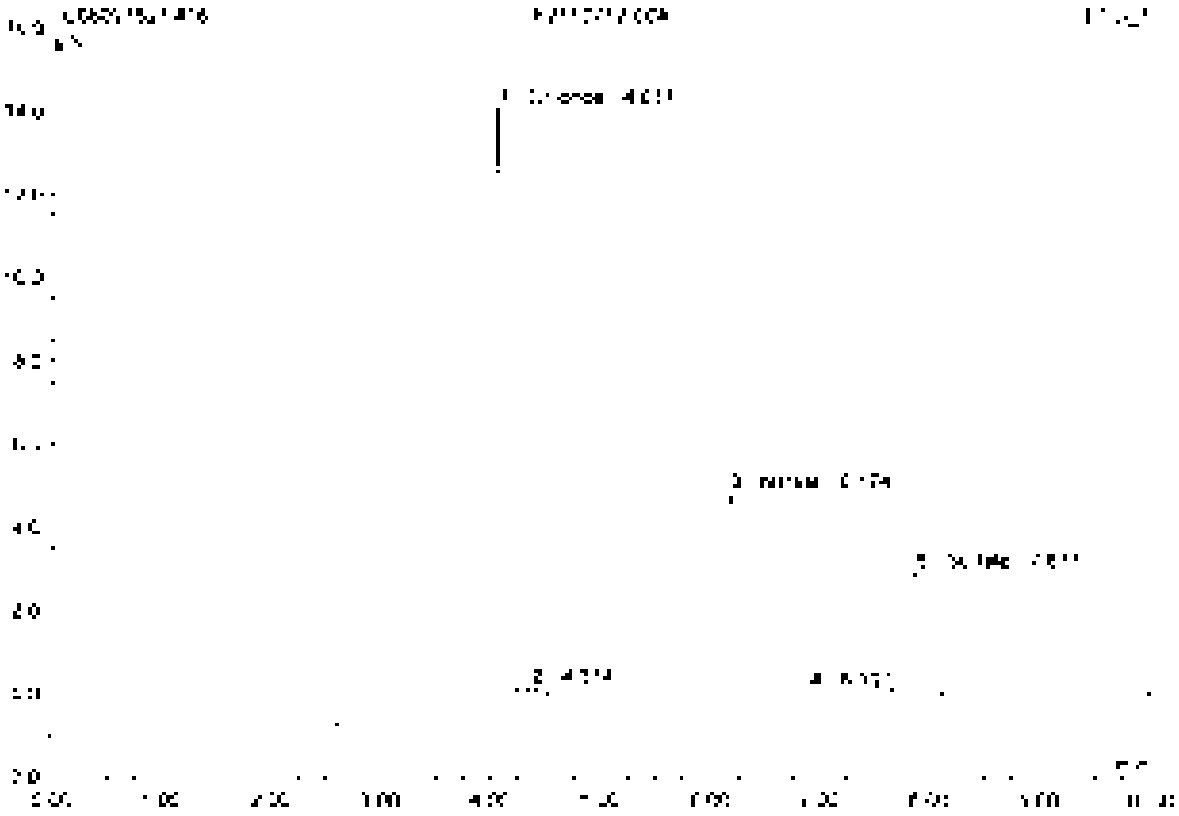
Sample Name	K2110712-005	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	300.0000
Processing Time	5/15/2021 15:21	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.34	Chlorpyrifos	4.383	0.401	98.70	441.385	BMB
2	6.35	n.a.	0.035	0.005	1.30	n.a.	BMB
Total:			4.418	0.408	100.00	441.385	

16 K2110712-004

Sample Name	K2110712-004	Injection Volume	25.0
Vial Number	5	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	10.0000
Recording Time	9/16/2021 13:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

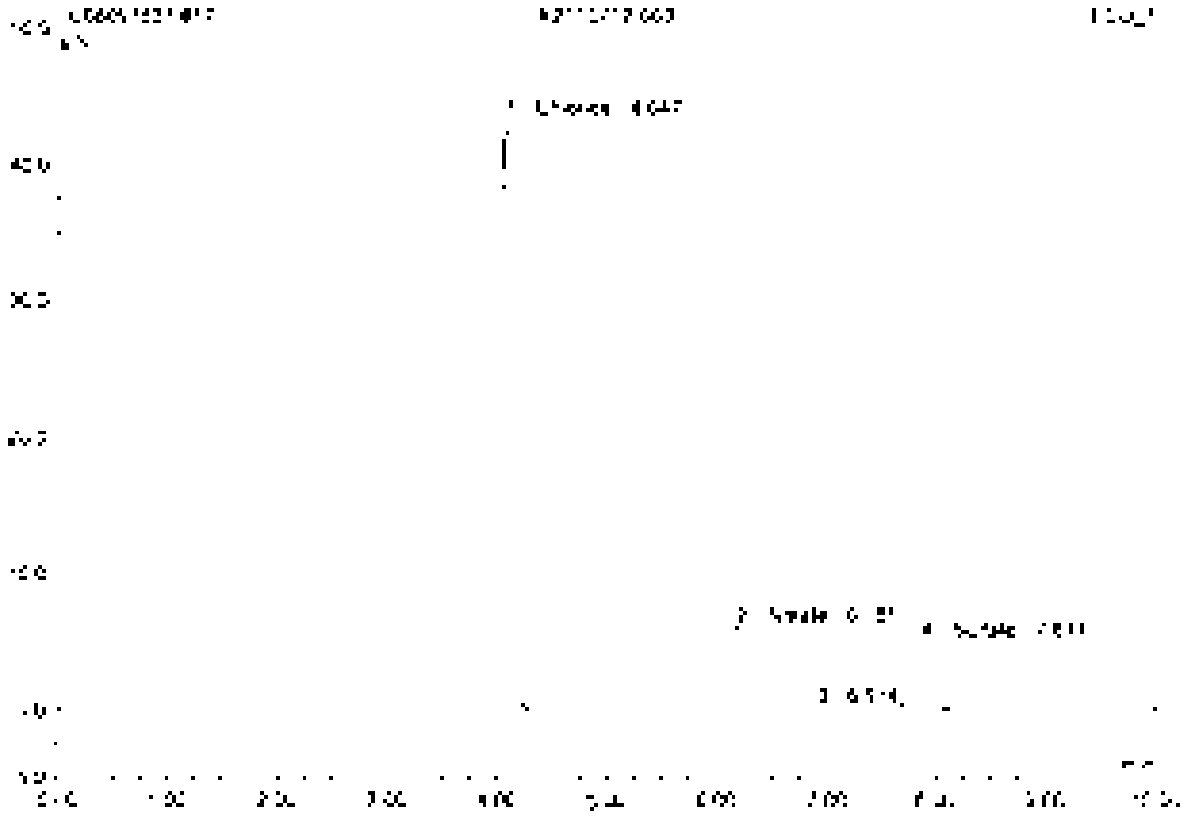


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	4.37	n.a.	0.110	0.011	0.42	n.a.	BMB
3	5.17	Nitrate	[illegible]	0.591	27.30	[illegible]	BMB
4	5.92	n.a.	0.038	0.021	0.94	n.a.	BMB
5	[illegible]	Sulfate	2.916	0.532	21.34	41.424	BMB
Total:			21.954	2.516	100.00	[illegible]	

17 K2110712-003

NO3/SO4

Sample Name	K2110712-003	Injection Volume	25.0
Vial Number	6	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Runtime	n.a.
Quant Method	epa300	Dilution Factor	5.0000
Recording Time	9/15/2021 13:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

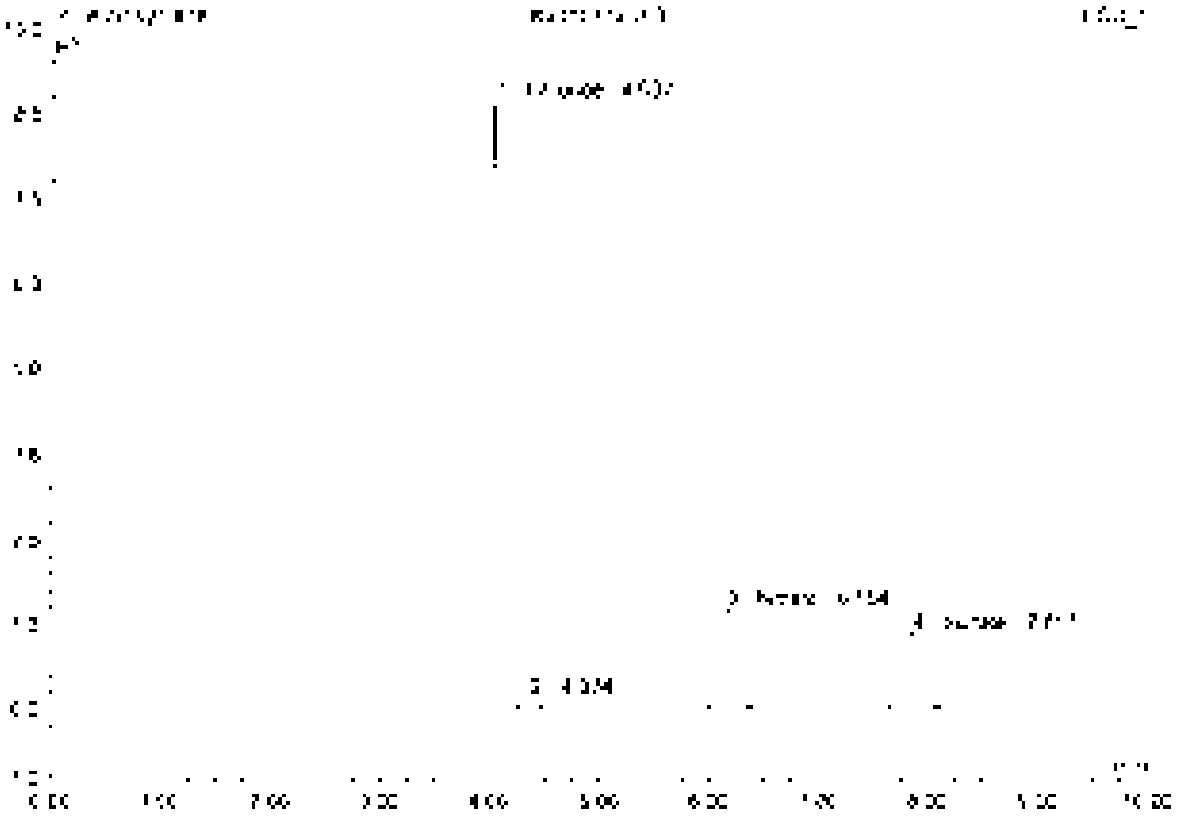


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	40.210	3.823	68.10	104.514	BV0
2	6.15	Nitrate	6.040	0.853	15.28	9.[illegible]	BV0
3	6.91	n.a.	0.067	0.024	0.43	n.a.	BM0
4	7.58	Sulfate	8.375	0.902	16.09	35.170	BMB
Total:			54.259	5.602	100.00	149.454	

18 K2110712-003

CL

Sample Name	K2110712-003	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n/a
Control Program	epa300	Bandwidth	n/a
Quantit. Method	epa300	Dilution Factor	20.0000
Recording Time	9/13/2021 13:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

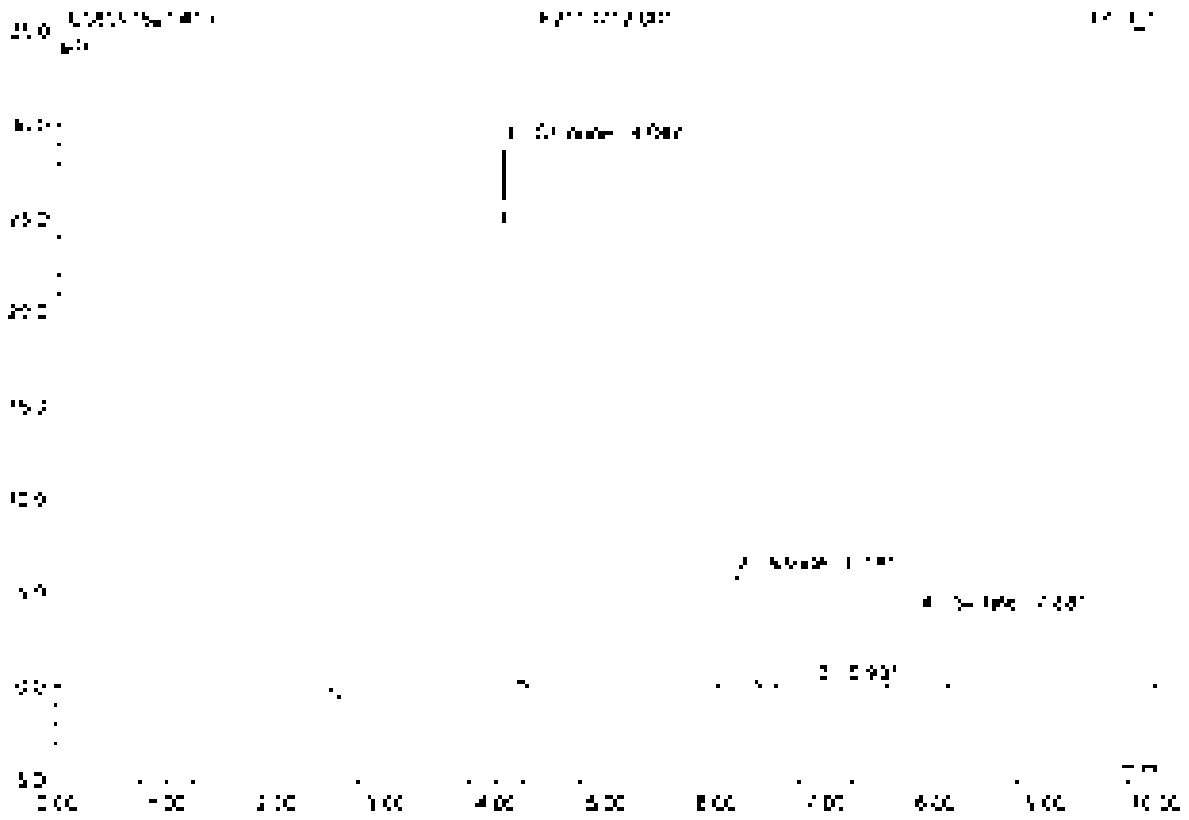


No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.04	Chloride	[illegible]	[illegible]	55.60	[illegible]	BMB
2	4.37	n/a	[illegible]	[illegible]	1.00	n/a	BMB
3	5.16	Nitrate	1.459	0.204	16.45	5.250	BMB
4	7.86	Sulfate	[illegible]	0.208	16.78	[illegible]	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

19 K2110712-001

NO3/SO4

Sample Name	K2110712-001	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	5.0000
Recording Time	5/15/2021 14:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

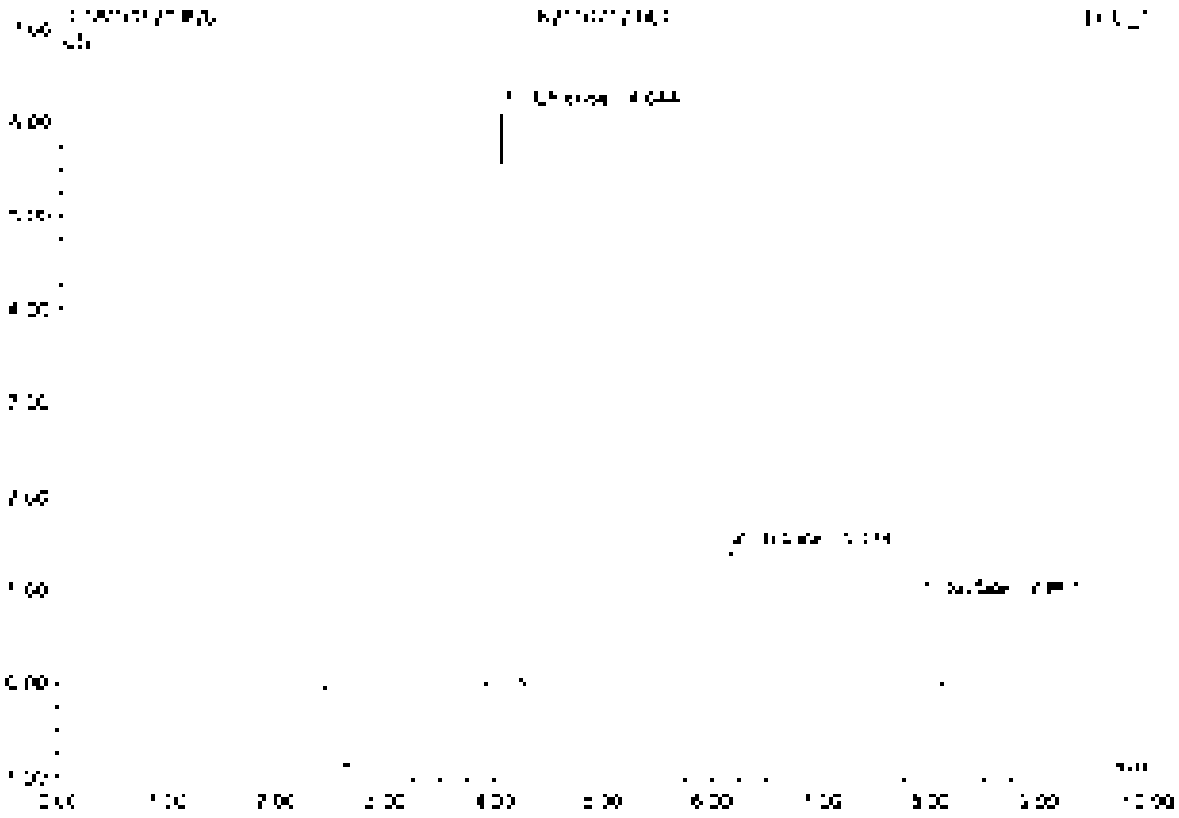


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	28.901	2.565	61.92	10.940	BMB
2	6.18	Nitrate	5.976	0.845	20.44	9.591	BMB
3	6.93	n.a.	0.060	0.022	0.54	n.a.	BMB
4	7.88	Sulfate	3.855	0.705	17.10	27.514	BMB
Total:			38.792	4.142	100.00	47.045	

20 K2110712-001

CL

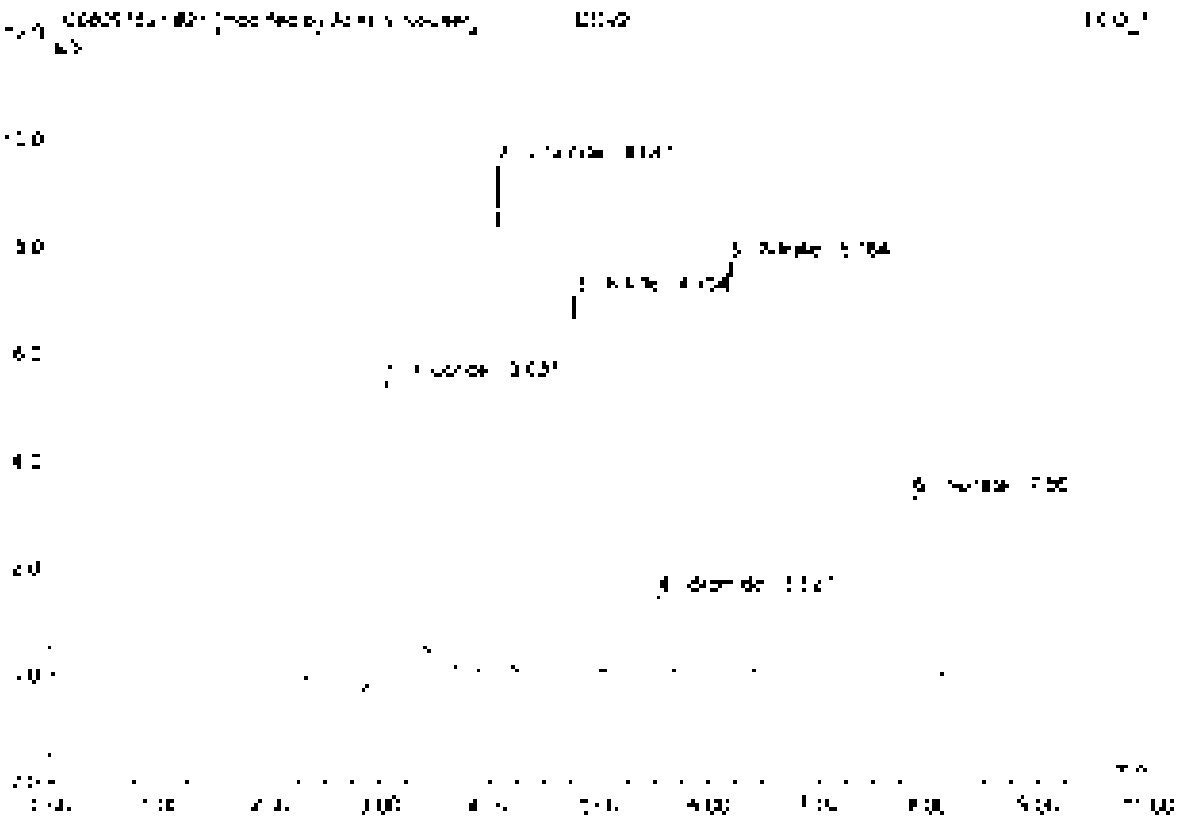
Sample Name	K2110712-001	Injection Volume	25.0
Vial Number	9	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Sensitivity	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	9/15/2021 14:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.24	Chloride	5.133	0.565	60.30	61.567	BVB
2	6.17	Nitrate	1.440	0.202	21.57	0.145	BVB
3	7.67	Sulfate	2.909	0.170	18.13	26.440	BVB
Total:			9.482	0.937	100.00	87.470	

21 CCV2

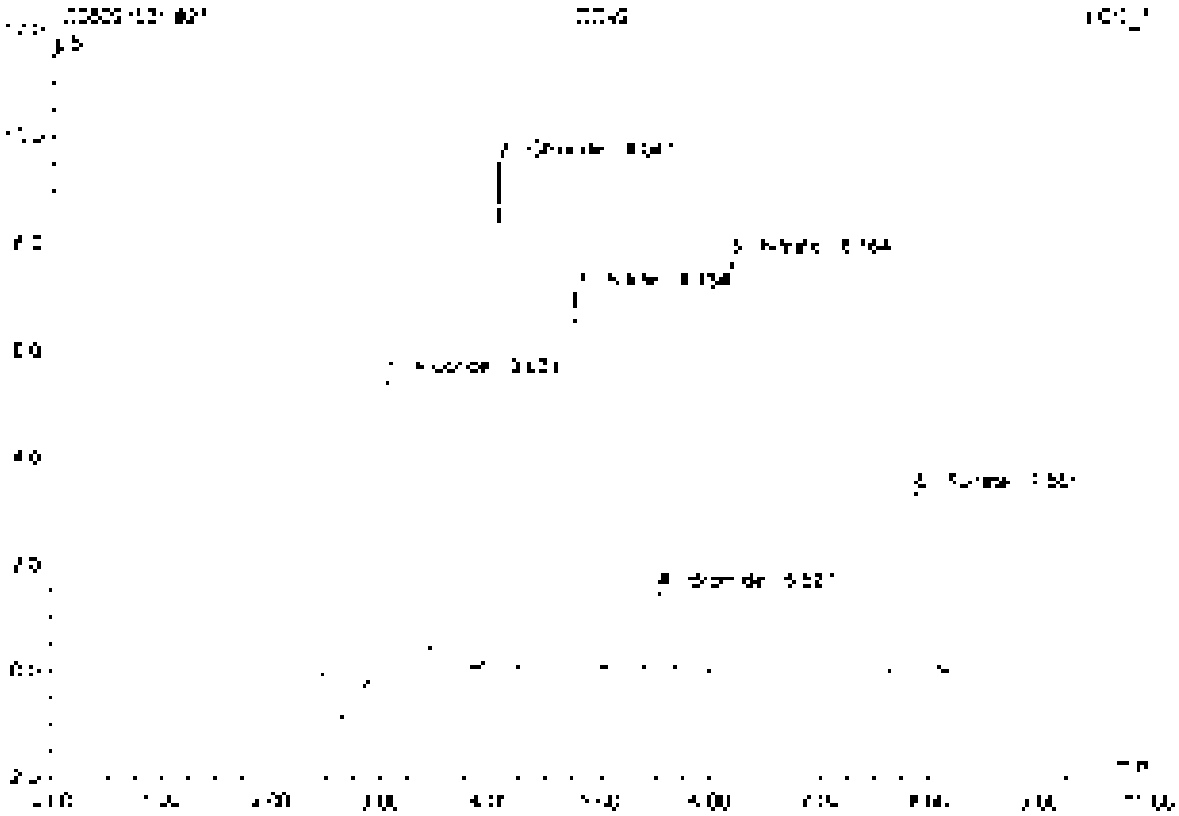
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 14:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.33	Fluoride	5.069	1.230	24.81	5.338	BMB*
2	4.04	Chloride	9.479	0.886	17.88	4.735	BMB*
3	4.75	Nitrite	7.070	0.906	18.13	2.536	BMB
4	5.52	Bromide	1.476	0.186	3.72	2.435	BMB
5	6.16	Nitrate	7.726	1.066	21.52	2.400	BMB
6	7.36	Sulfate	3.335	0.645	12.91	4.859	BMB
Total:			34.756	4.938	100.00	22.317	

21 CCV2

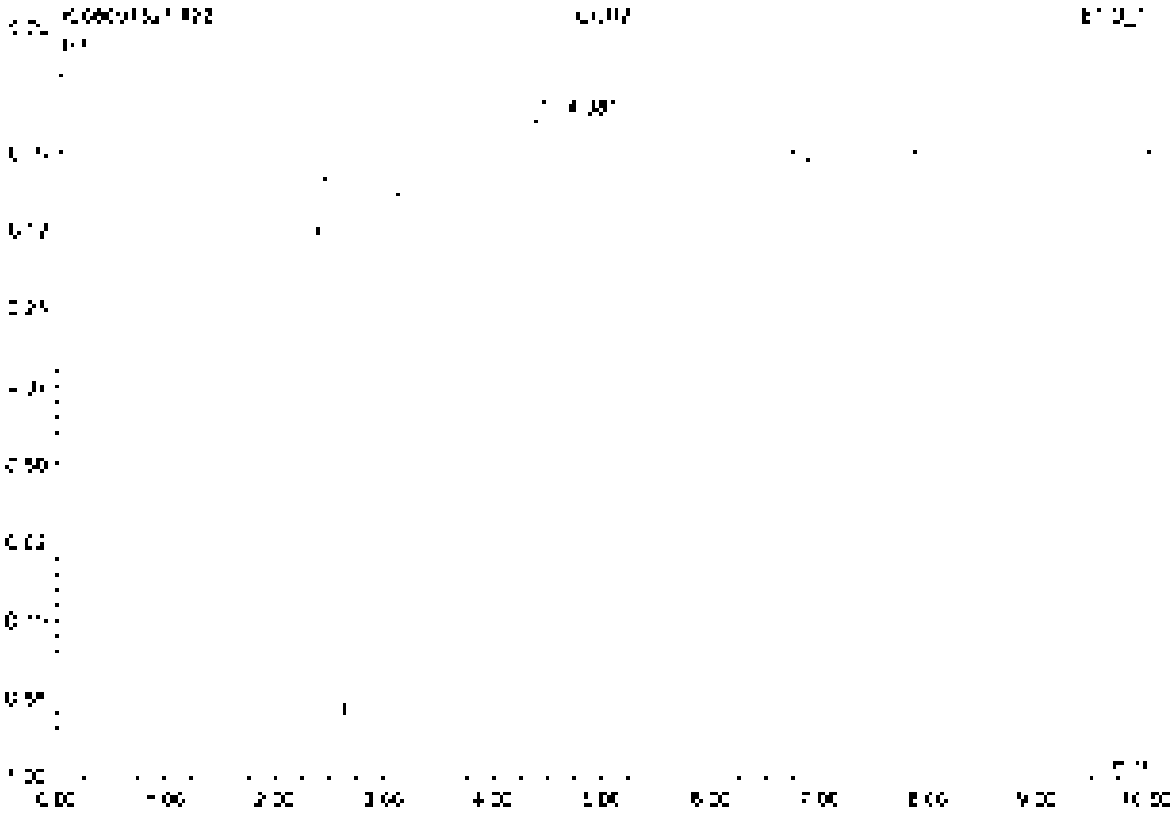
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	5/15/2021 14:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.33	Fluoride	5.700	1.272	25.91	5.652	BMB
2	4.31	Chloride	3.475	0.865	17.61	4.715	BMB
3	4.75	Nitrite	2.970	0.906	18.45	2.536	BMB
4	5.52	Bromide	1.476	0.180	3.67	2.419	BMB
5	5.96	Nitrate	7.725	1.056	21.50	2.400	BMB
6	7.06	Sulfate	3.335	0.625	12.74	4.859	BMB
Totals:			34.786	4.908	100.00	22.601	

22 CCB2

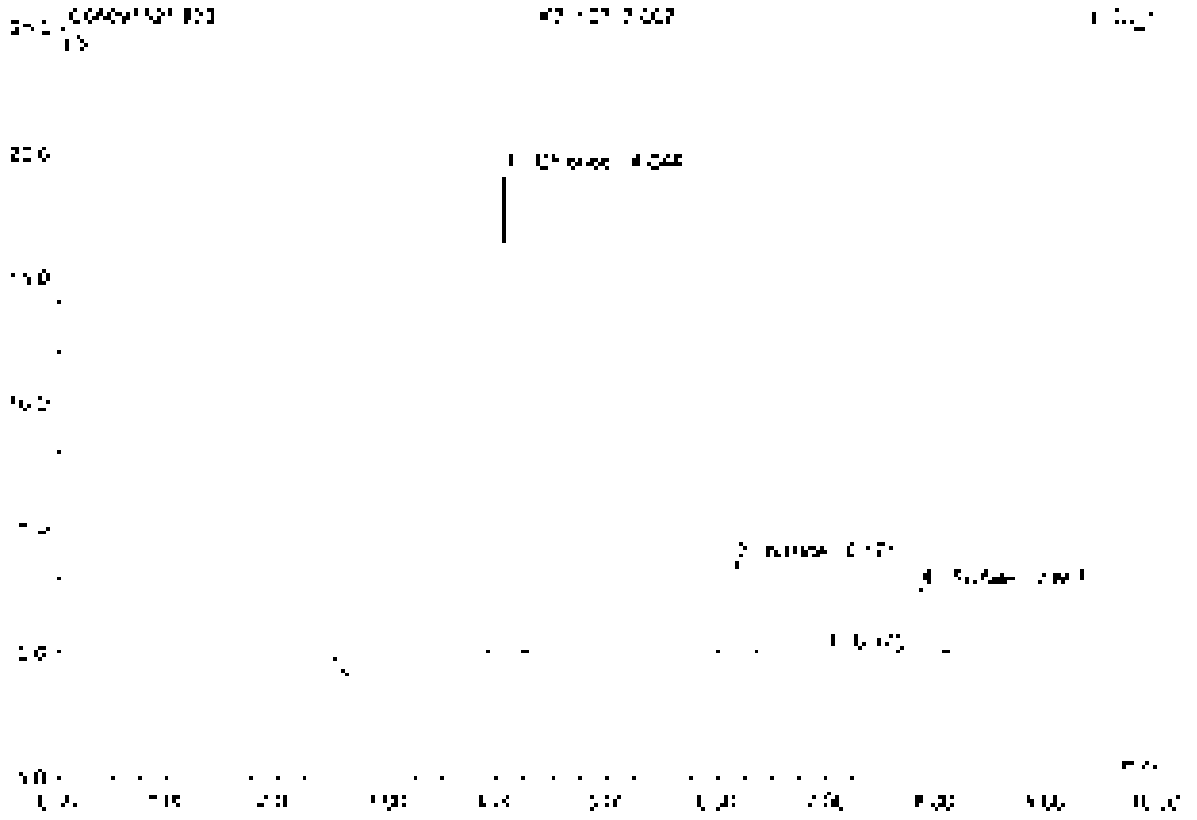
Sample Name	CCB2	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/13/2021 14:42	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height pS	Area µS*min	Rel Area %	Amount	Type
[illegible]	4.38	n.a.	0.744	3.144	100.00	n.a.	BMP
Total:			0.744	3.144	100.00	0.000	

23 K2110712-002

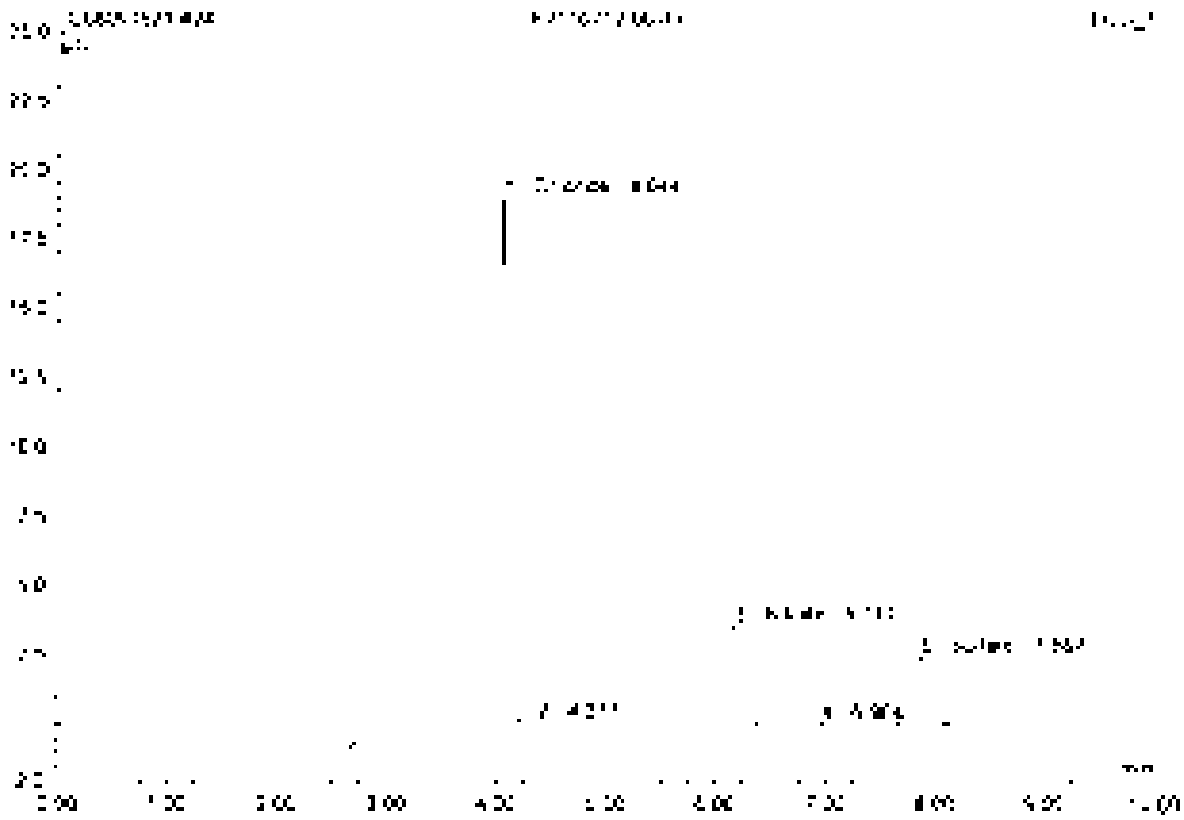
Sample Name	K2110712-002	Injection Volume	35.0
Vial Number	10	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	10.0000
Recording Time	9/15/2021 14:54	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	55.193	1.715	62.51	54.356	BV B
2	6.17	Nitrate	3.625	0.510	18.64	11.535	BV B
3	6.57	n.a.	0.328	0.009	0.33	n.a.	BV B
4	7.87	Sulfate	2.535	0.455	17.31	36.460	BV H
Total:			25.375	2.735	100.00	142.351	

24 K2110712-002D

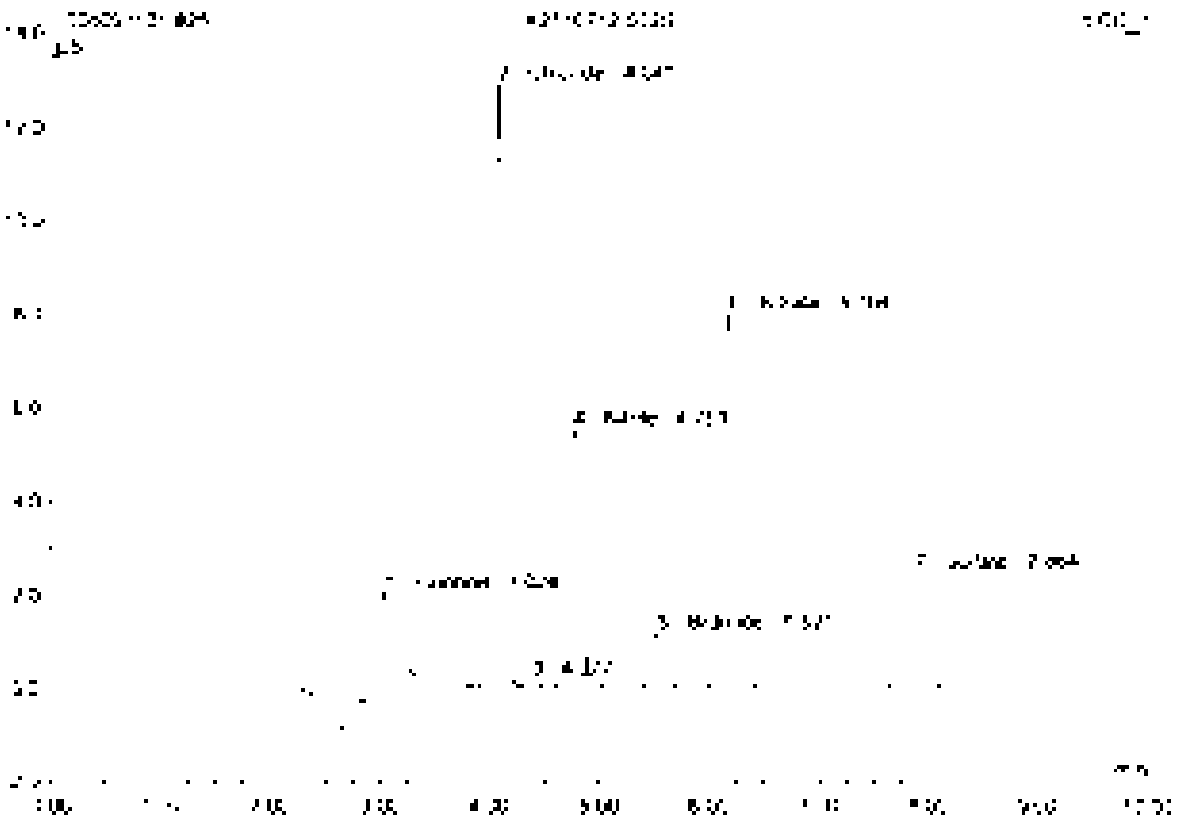
Sample Name	K2110712-002D	Injection Volume	25.0
Vial Number	11	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Standard Method	epa300	Dilution Factor	10.0000
Recording Time	9/13/2021 15:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.54	Chloride	18.967	1.698	60.77	93.067	BMB
2	4.38	n.a.	0.050	0.005	0.20	n.a.	BMB
3	6.17	Nitrate	3.553	0.504	18.03	11.409	BMB
4	6.46	n.a.	0.025	0.007	0.26	n.a.	BMB
5	7.57	Sulfate	2.425	0.448	16.04	34.592	BMB
Total:			25.065	2.663	100.00	139.067	

25 K2110712-002S

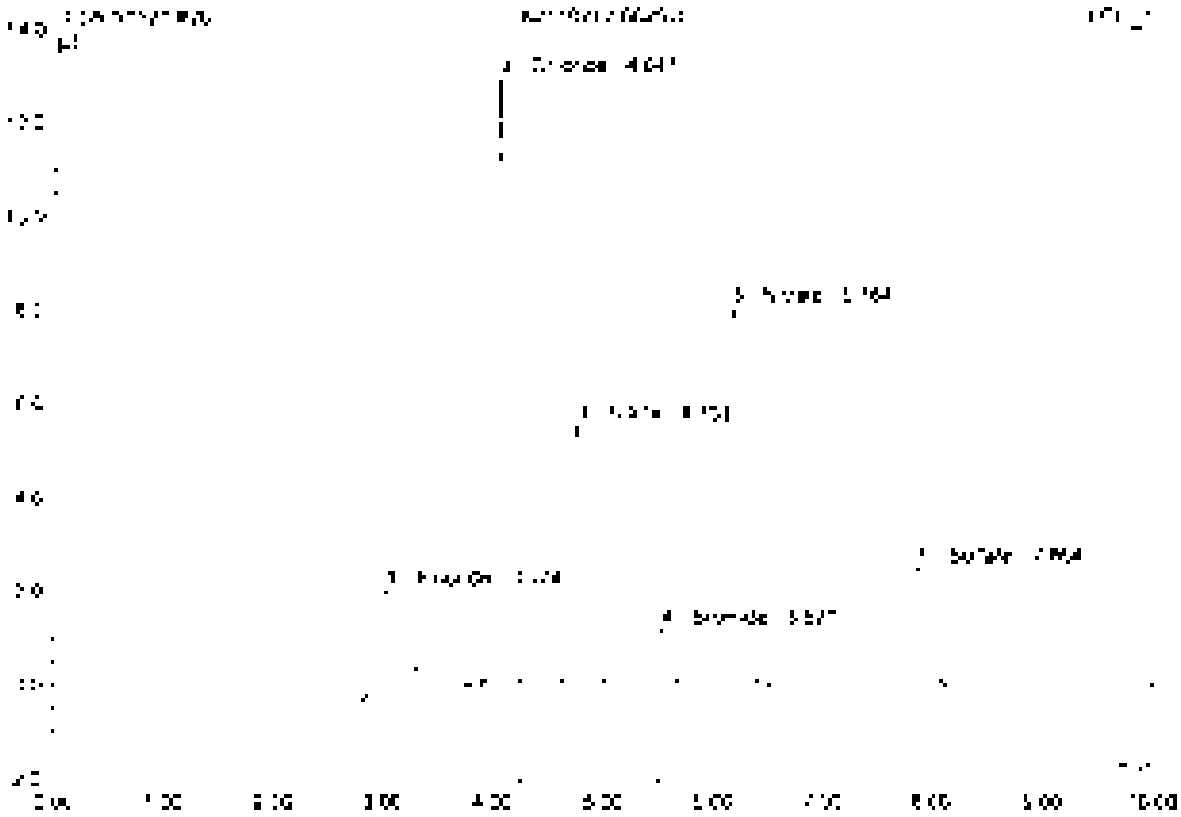
Sample Name	K2110712-002S	Injection Volume	25.0
Vial Number	12	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	20.0000
Analysis Time	5/15/2021 15:17	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	2.258	0.567	13.63	50.418	BMB
2	4.04	Chloride	12.854	1.166	28.05	127.766	bVB
3	4.38	n.a.	0.145	0.014	0.34	n.a.	BMU
4	4.75	Nitrite	5.503	0.702	16.87	39.312	BMU
5	5.52	Bromide	1.185	0.145	3.48	39.213	BVB
6	6.18	Nitrate	8.332	1.186	28.50	90.052	BVB
7	7.86	Sulfate	2.674	0.458	11.02	71.351	BVB
Total			32.458	4.158	100.00	378.099	

28 K2110712-002SD

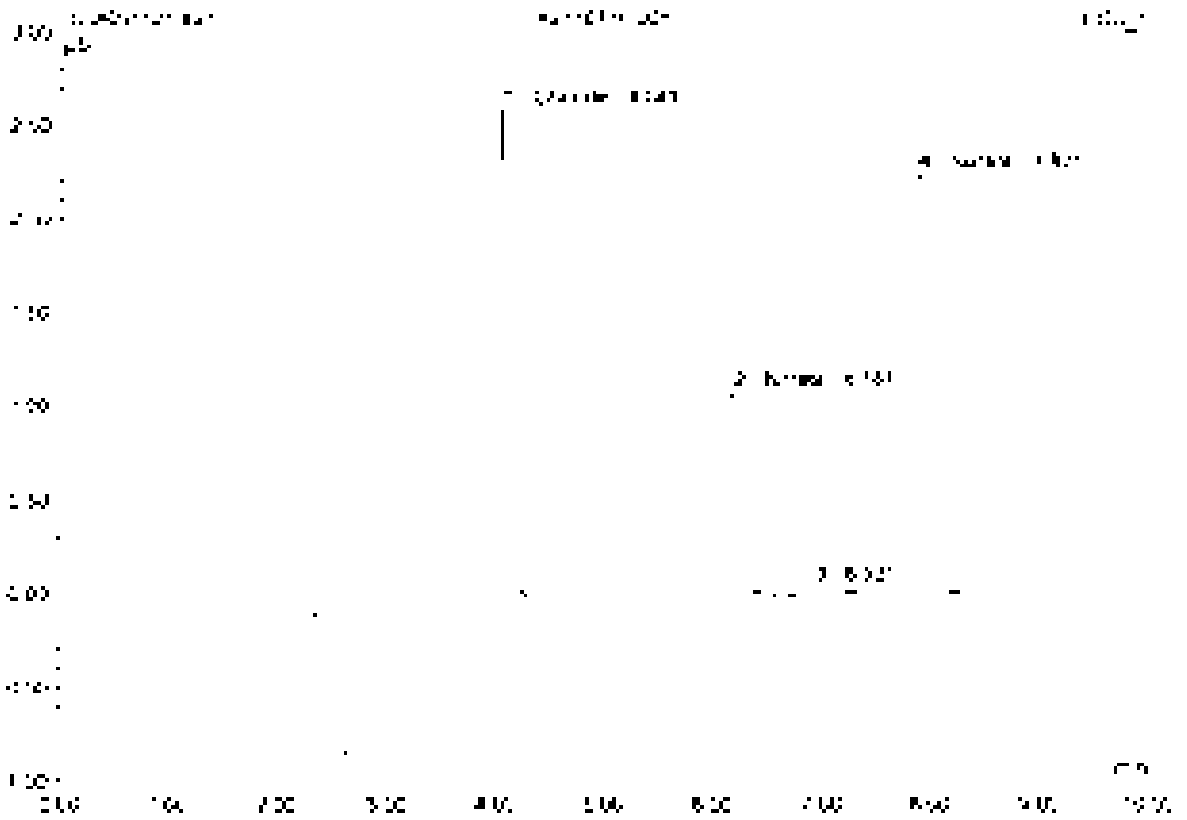
Sample Name	K2110712-002SD	Injection Volume	25.0
Vial Number	13	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	9/15/2021 13:29	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.92	Fluoride	7.301	0.569	12.54	50.533	BV8
2	4.34	Chloride	12.325	1.171	28.38	128.329	BMB
3	4.75	Nitrite	5.526	0.727	16.94	39.568	BV8
4	5.57	Bromide	1.177	0.145	3.50	39.547	BV8
5	6.16	Nitrate	9.034	1.112	26.65	60.308	BV8
6	7.80	Sulfate	2.518	0.457	11.00	77.735	BMB
Total:			32.487	4.172	100.00	391.051	

27 K2110716-001

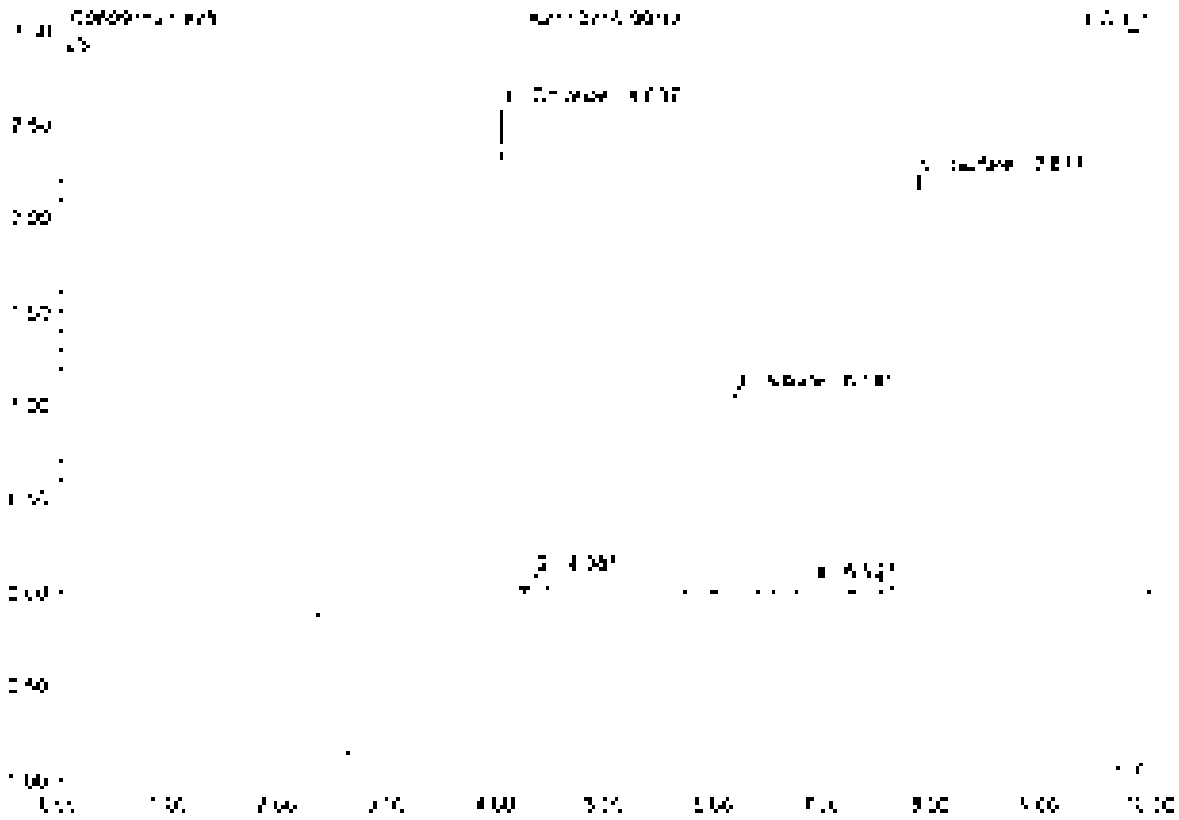
Sample Name	K2110716-001	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	3/13/2021 13:40	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.34	Chloride	2.594	0.243	25.35	2.063	BMB
2	6.13	Nitrate	1.030	0.155	16.12	0.702	BMB
3	6.90	n.a.	0.053	0.019	2.02	n.a.	BMB
4	7.87	Sulfate	3.346	0.411	42.60	6.395	BMB
Total:			5.972	0.828	100.00	9.160	

28 K2110716-001D

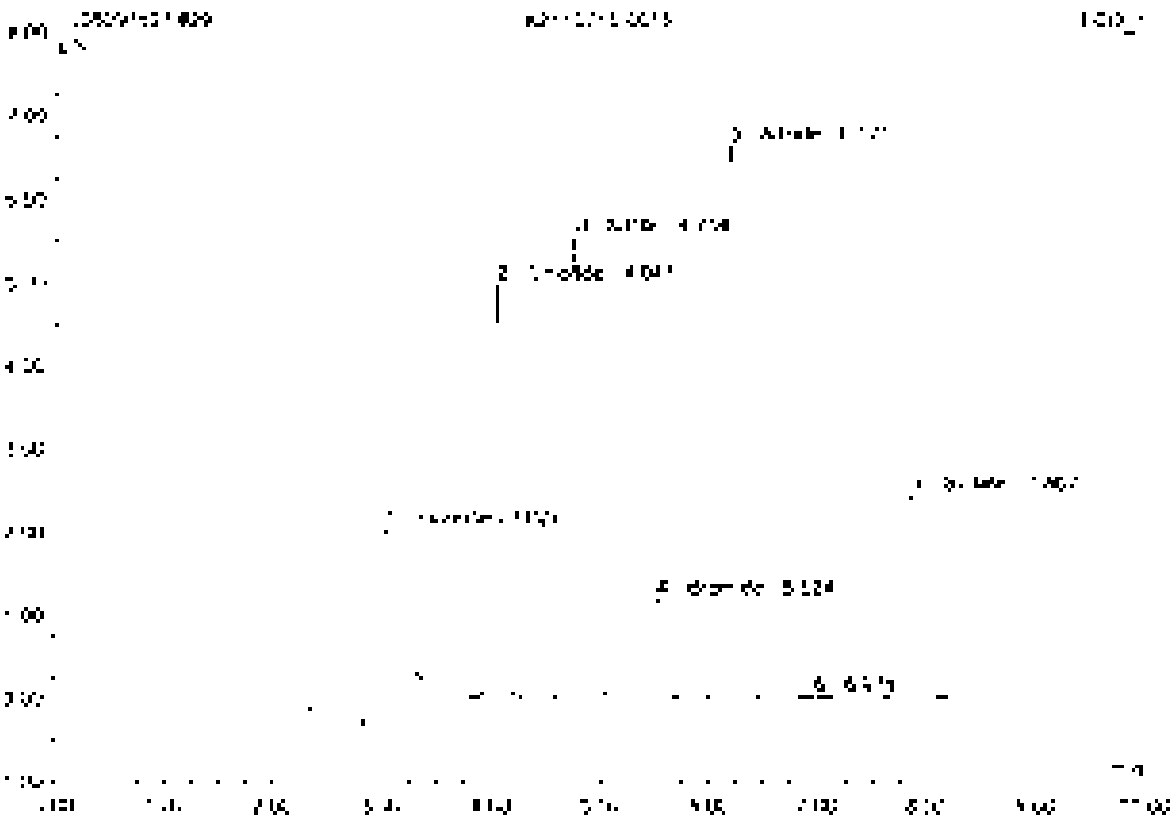
Sample Name	K2110716-001D	Injection Volume	25.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Processing Time	9/15/2021 15:52	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.06	Chloride	2.588	0.241	25.17	2.641	BMB
2	4.38	n.a.	0.085	0.009	1.07	n.a.	BMB
3	6.18	Nitrate	1.066	0.153	18.94	3.651	BMB
4	6.93	n.a.	0.050	0.017	2.05	n.a.	BMB
5	7.87	Sulfate	2.216	0.406	49.17	6.327	BMB
Total:			5.008	0.826	100.00	9.661	

29 K2110716-001S

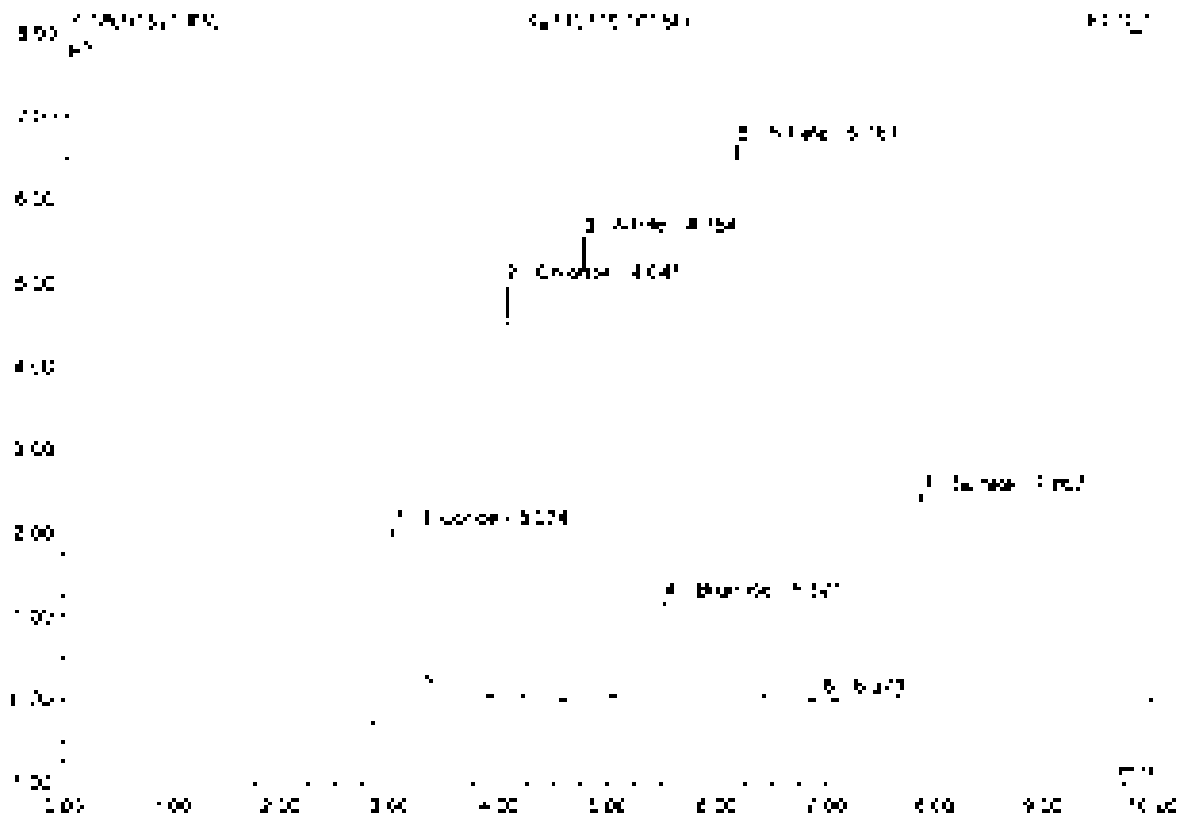
Sample Name	K2110716-001S	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 16:04	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	7.298	0.573	1.50	10.197	BMB
2	4.04	Chloride	8.959	8.659	18.01	10.066	BMB
3	4.75	Nitrite	5.529	8.210	21.62	7.948	BMB
4	5.52	Bromide	1.121	2.145	4.44	2.880	BMB
5	5.17	Nitrate	6.648	9.927	28.31	5.295	BMB
6	6.97	n.a.	0.025	0.008	0.24	n.a.	BMB
7	7.57	Sulfate	2.458	9.450	15.61	14.187	BMB
Total:			22.104	53.276	100.00	58.583	

3D K2110716-001SD

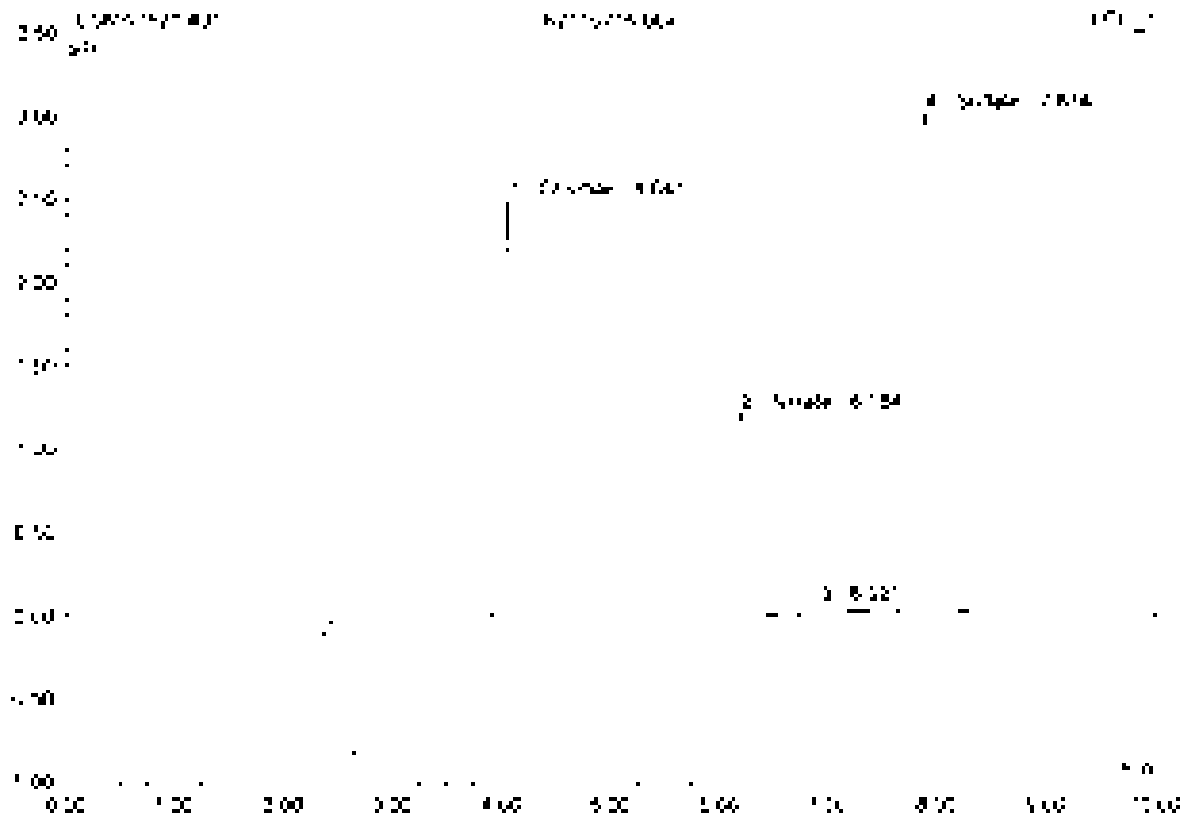
Sample Name	K2110716-001SD	Injection Volume	35.0
Run Number	17	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	4.0000
Recording Time	9/15/2021 16:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.02	Fluoride	7.133	0.575	17.52	10.231	BMB
2	4.04	Chloride	4.569	0.459	13.99	10.058	BMB
3	4.75	Nitrite	5.545	0.711	21.66	7.960	BMB
4	5.69	Bromide	1.184	0.146	4.45	7.972	BMB
5	6.17	Nitrate	6.667	0.928	28.30	8.606	BMB
6	6.67	n.a.	0.027	0.009	0.28	n.a.	BMB
7	7.81	Sulfate	2.452	0.453	13.75	14.591	BMB
Total			27.147	3.281	100.00	58.667	

31 K2110716-002

Sample Name	K2110716-002	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	9/15/2021 16:27	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



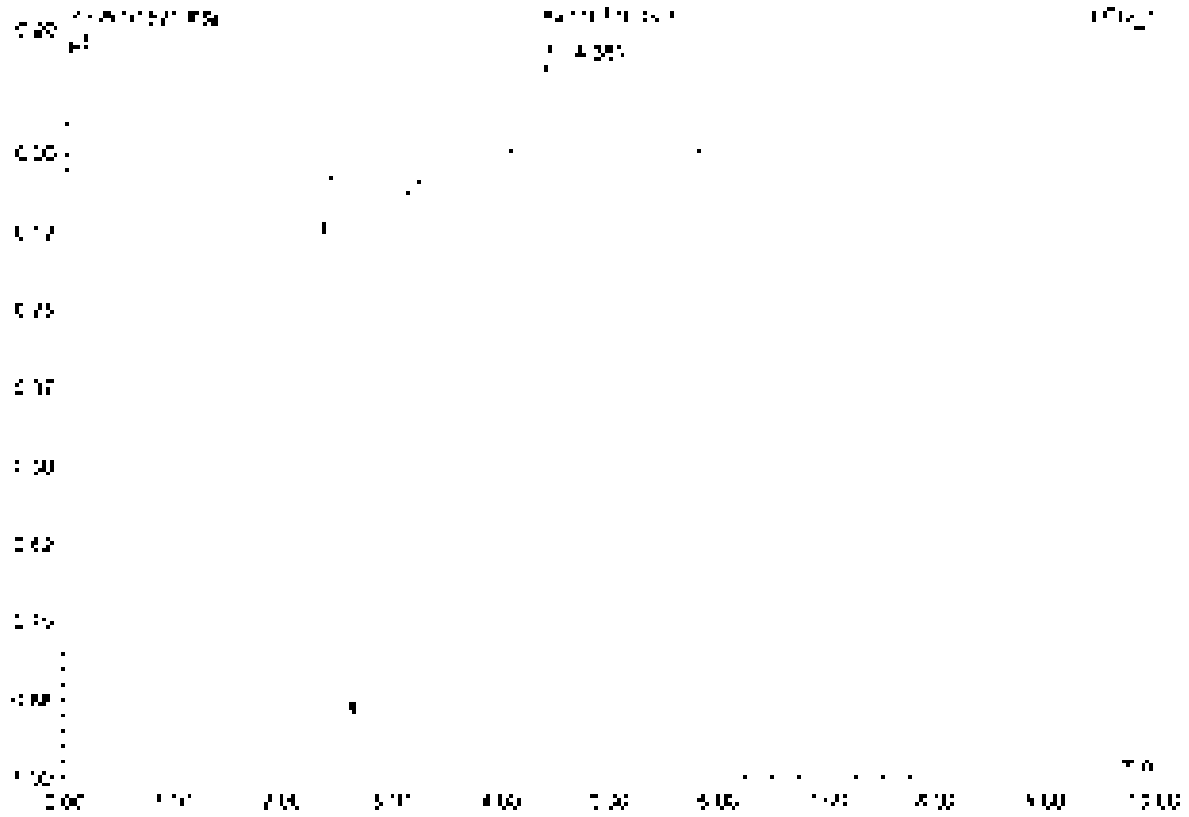
No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.06	Chloride	2.635	0.234	23.85	2.560	BV8
2	6.19	Nitrate	1.236	0.176	17.92	3.795	BV8
3	6.92	n.a.	0.058	0.021	2.15	n.a.	BM0
4	7.87	Sulfate	3.301	0.549	56.06	8.550	BM0
Total:			6.760	0.980	100.00	11.904	

Default Integration

Chromeleon 6.80 Build 1990 2006
Version 6.80 SR10 (6.0.3032.1962 (9)

32 K2110716-003

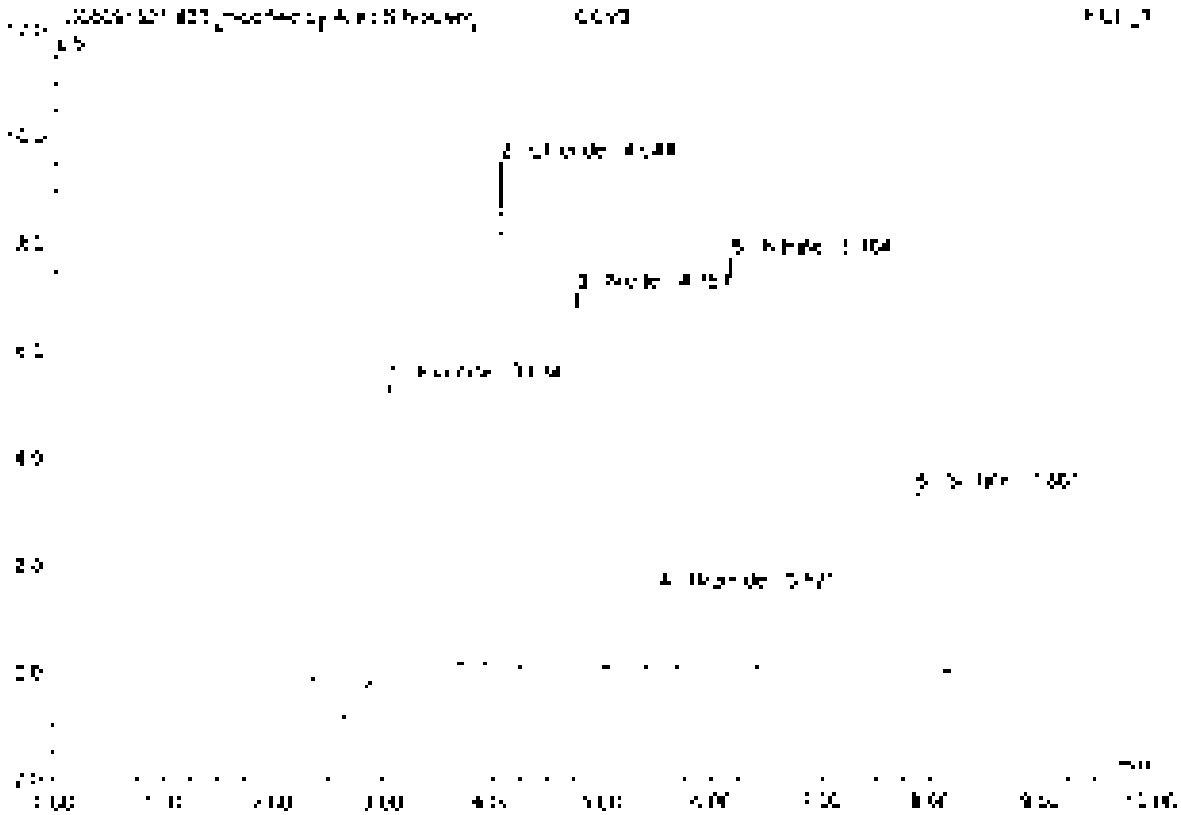
Sample Name	K2110716-003	Injection Volume	25.0
Vial Number	19	Channel	EGD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	9/15/2021 16:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.39	n.a.	0.544	1.254	100.00	n.a.	BV8
Total:			0.544	1.254	100.00	0.000	

33 CCV3

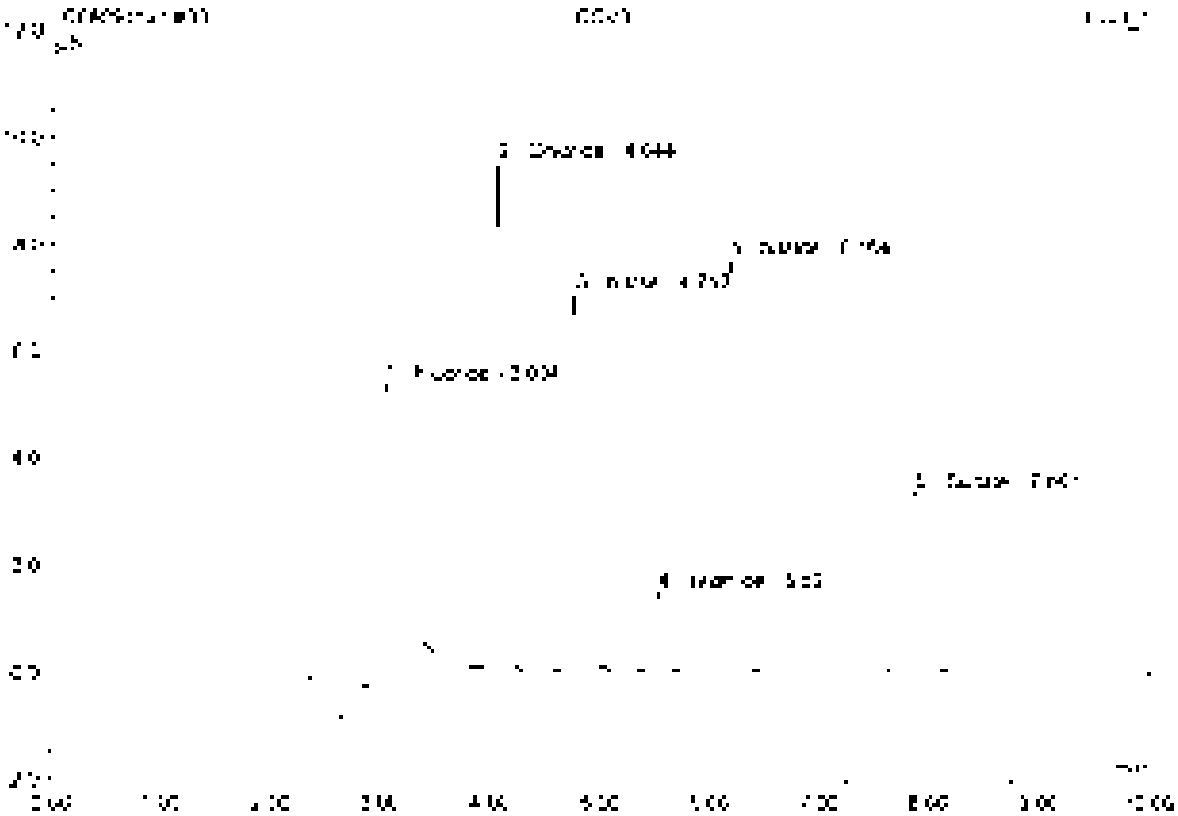
Sample Name	CCV3	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantif. Method	wpa300	Dilution Factor	1.0000
Injection Time	9/15/2021 18:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.33	Fluoride	5.566	1.206	24.83	5.316	BMB*
2	4.04	Chloride	9.436	0.860	17.84	4.202	BMB*
3	4.76	Nitrite	7.047	0.900	18.68	2.527	BMB
4	5.52	Bromide	1.471	0.175	3.71	2.478	BMB
5	6.16	Nitrate	5.167	1.066	21.94	2.359	BMB
6	7.06	Sulfate	1.085	0.628	13.00	4.889	BMB
Total:			34.592	4.832	100.00	22.302	

33 CCV3

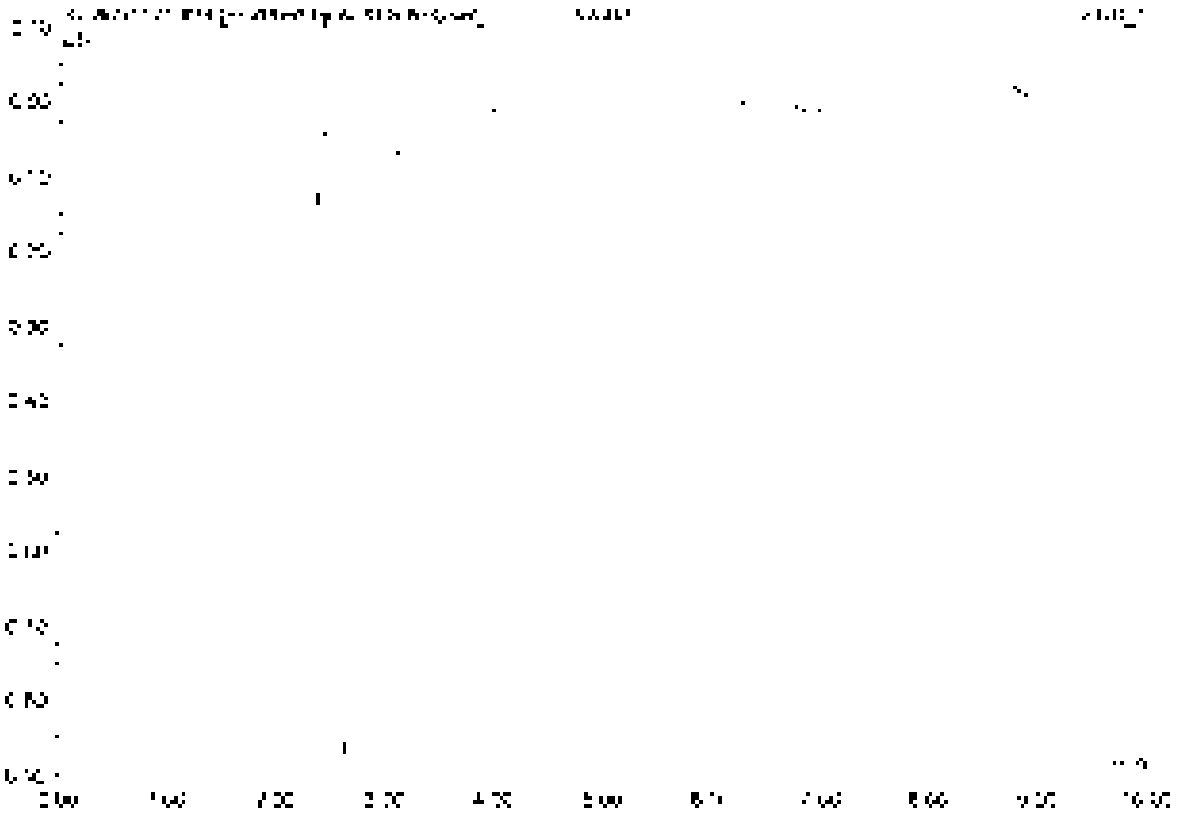
Sample Name	CCV3	Injection Volume	26.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	5/19/2021 16:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.03	Fluoride	5.595	[illegible]	25.88	5.640	BMB
2	4.04	Chloride	9.456	0.862	17.59	4.722	BMB
3	4.45	Nitrite	[illegible]	0.503	18.42	2.527	BVB
4	5.57	Bromide	1.471	0.175	3.66	2.428	BVB
5	5.16	Nitrate	2.707	[illegible]	21.63	2.356	BMB
6	7.86	Sulfate	3.345	0.628	12.82	4.889	BMB
Total:			34.621	4.900	100.00	22.605	

34 CCB3

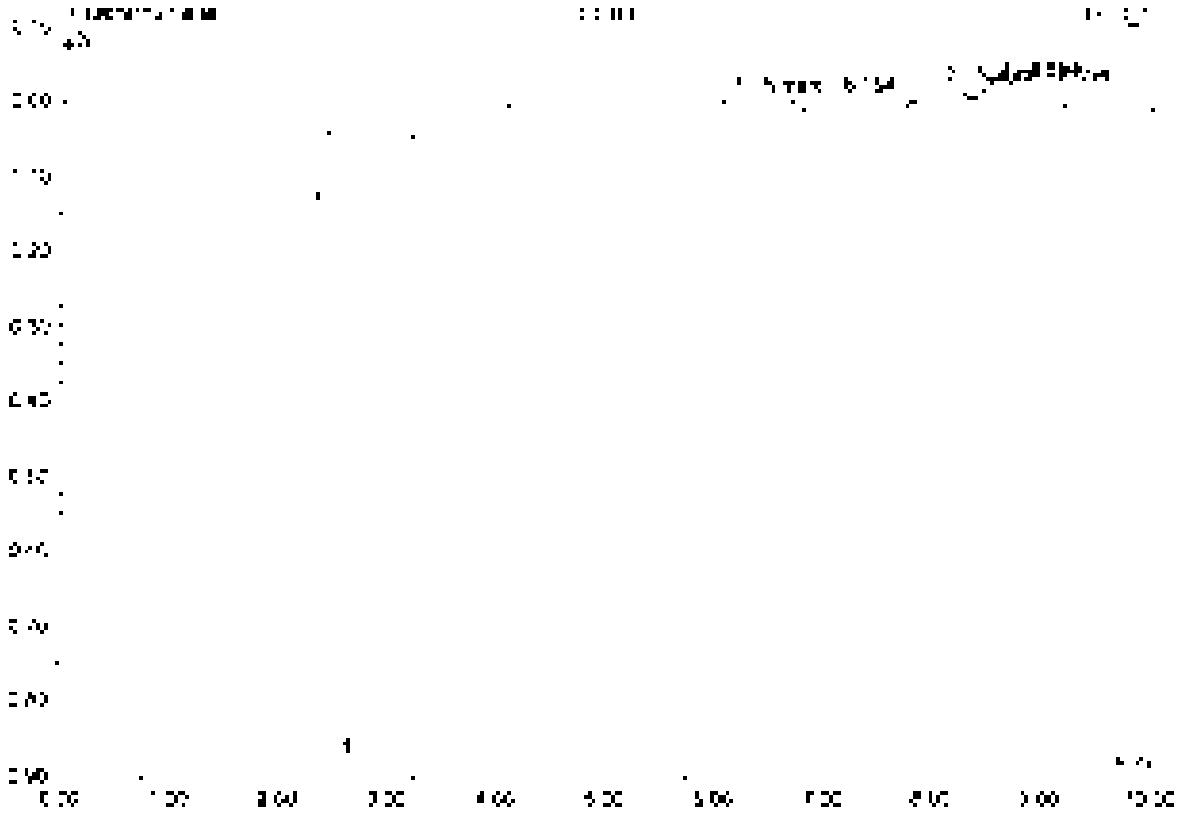
Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	8/13/2021 17:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

34 CCB3

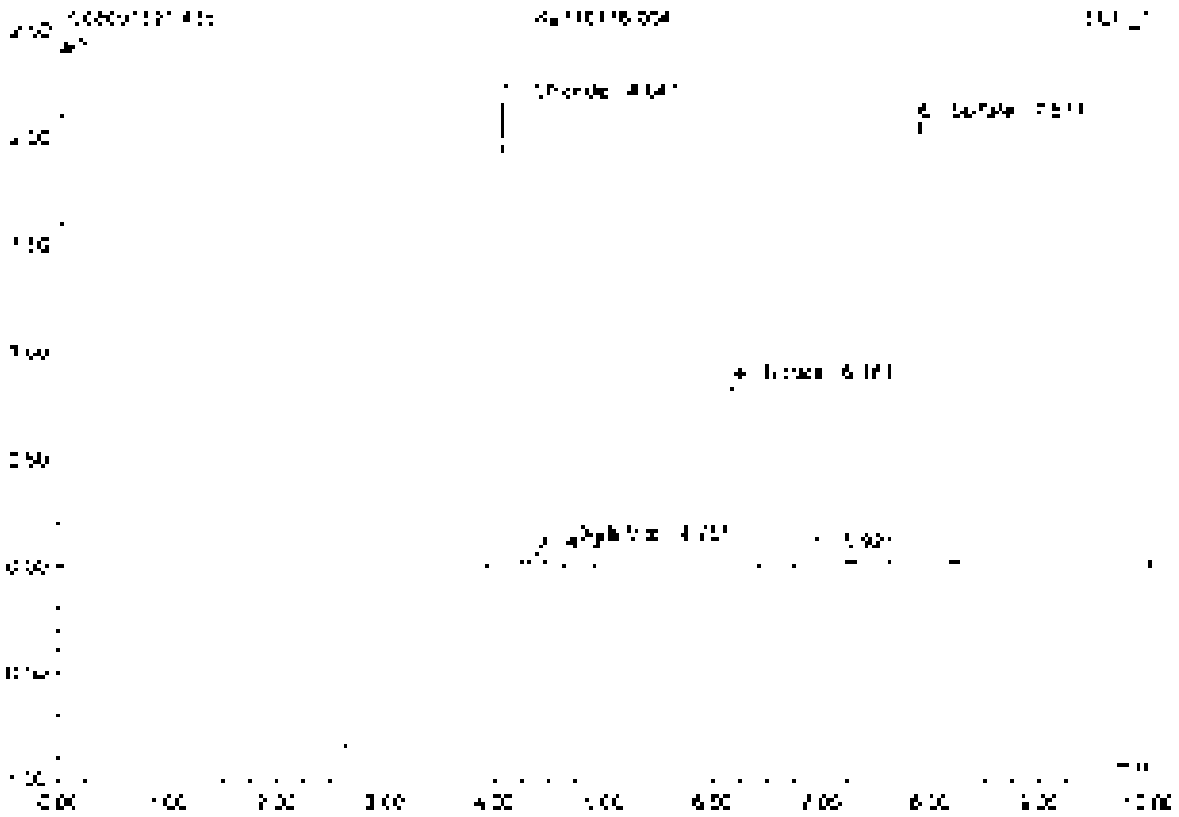
Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 17:02	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BV B
2	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BV c
[illegible]	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

35 K2110716-004

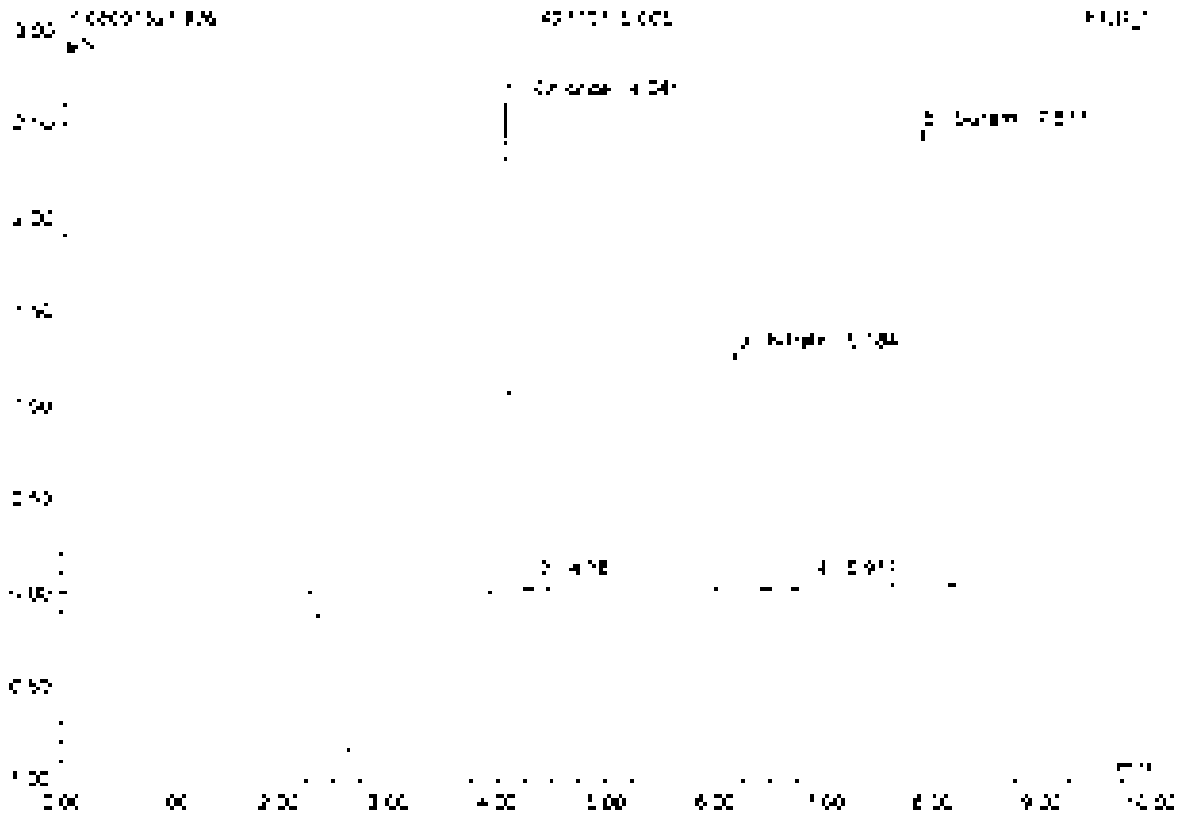
Sample Name	K2110716-004	Injection Volume	25.0
Vial Number	70	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	9/15/2021 17:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.04	Chloride	2.164	0.200	27.42	2.221	BMB
2	4.32	n.a.	0.061	0.006	0.86	n.a.	BMB
3	4.75	Nitrite	0.096	0.012	1.62	0.067	BMB
4	5.18	Nitrate	0.347	0.120	16.25	0.946	BMB
5	6.92	n.a.	0.058	0.019	2.64	n.a.	BMB
6	7.27	Sulfate	2.061	0.380	51.39	6.517	BMB
Total:			5.775	0.739	100.00	8.749	

36 K2110716-005

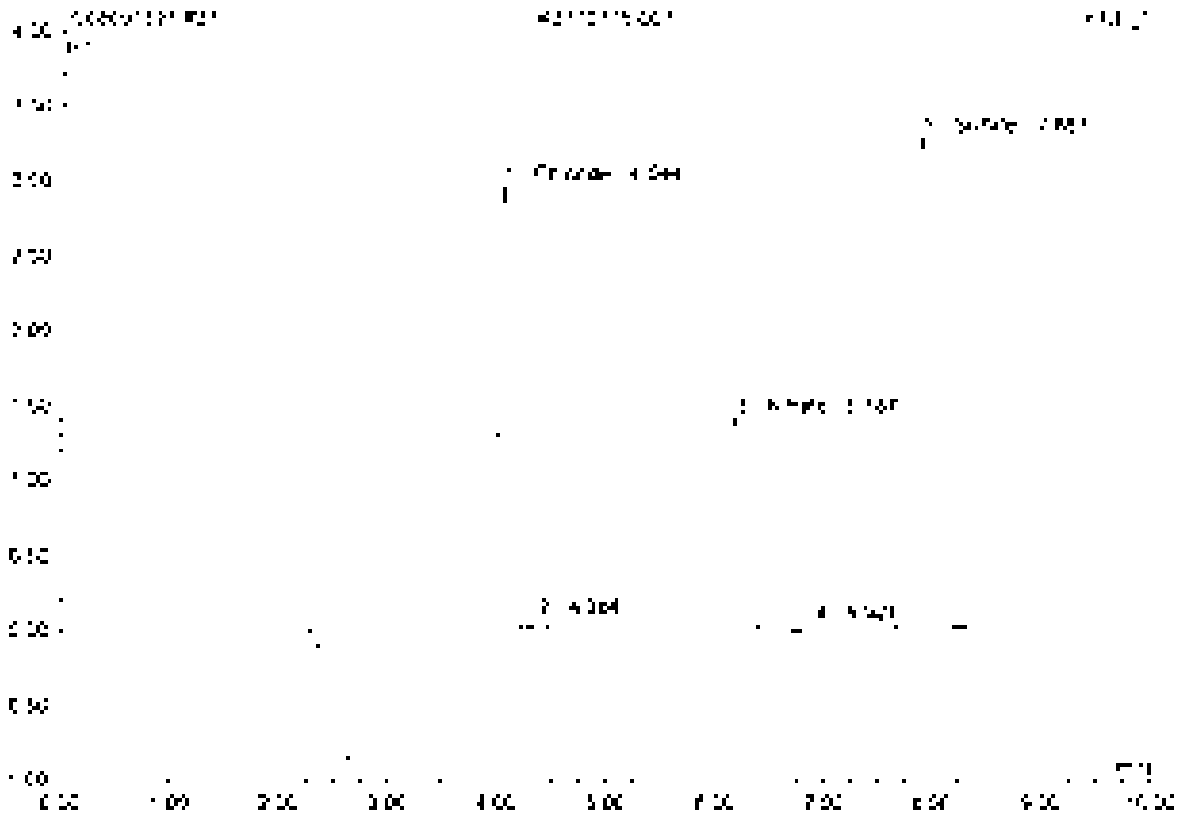
Sample Name	K2110716-005	Injection Volume	25.0
Vial Number	21	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantif. Method	wpa300	Calibration Factor	2.0000
Acquisition Time	9/15/2021 17:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	2.620	0.344	27.35	2.678	BMB
2	4.38	n.a.	0.054	0.005	0.61	n.a.	BMB
3	5.18	Nitrate	1.270	0.182	20.46	0.878	BMB
4	5.57	n.a.	0.054	0.018	2.05	n.a.	BMB
5	7.28	Sulfate	7.437	0.440	49.54	6.895	BMB
Total:			6.430	0.894	100.00	10.450	

37 K2110716-007

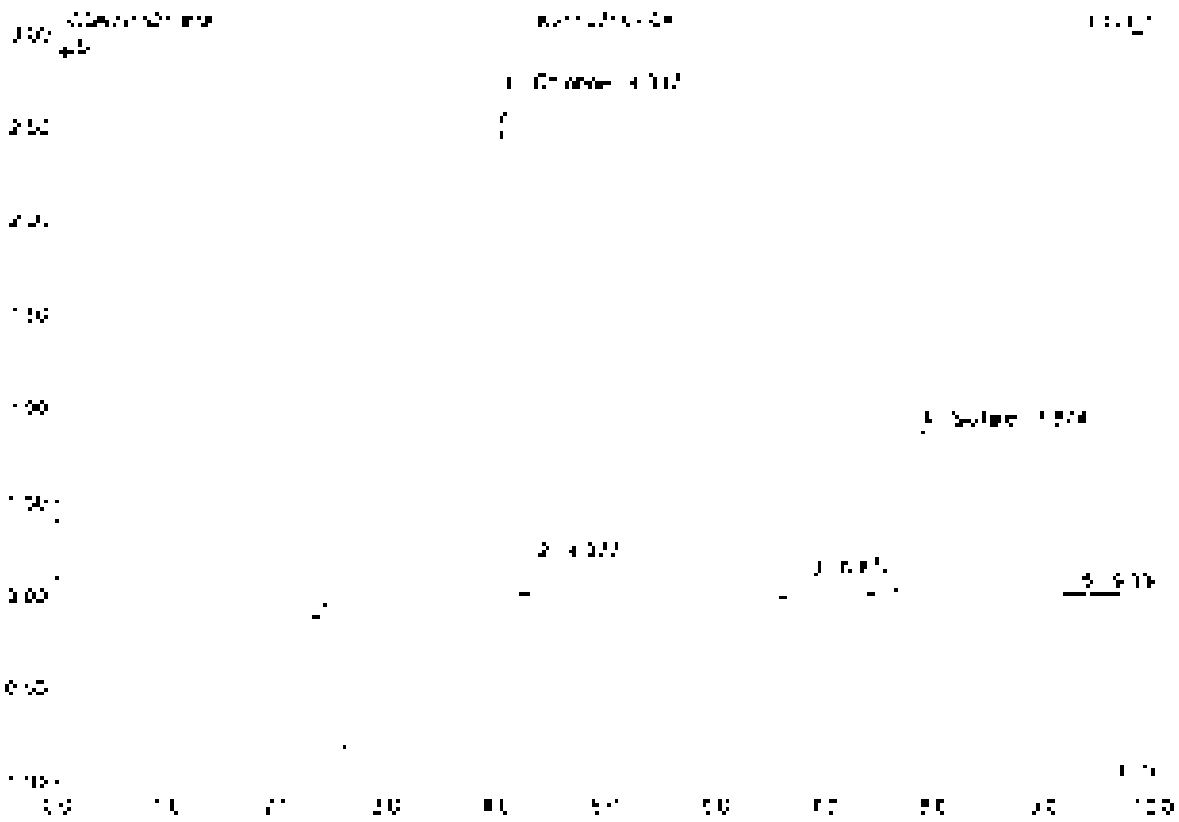
Sample Name	K2110716-007	Injection Volume	25.0
Run Number	22	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Quality Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	3.0000
Recording Time	9/15/2021 17:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	2.969	0.277	25.00	3.031	BMB
2	4.38	n.a.	0.073	0.007	0.67	n.a.	BMB
3	6.19	Nitrate	1.420	0.204	18.41	2.973	BMB
4	6.90	n.a.	0.049	0.017	1.51	n.a.	BVB
5	7.89	Sulfate	3.265	0.602	54.41	9.318	BMB
Total:			7.796	1.107	100.00	15.312	

38 K2110716-008

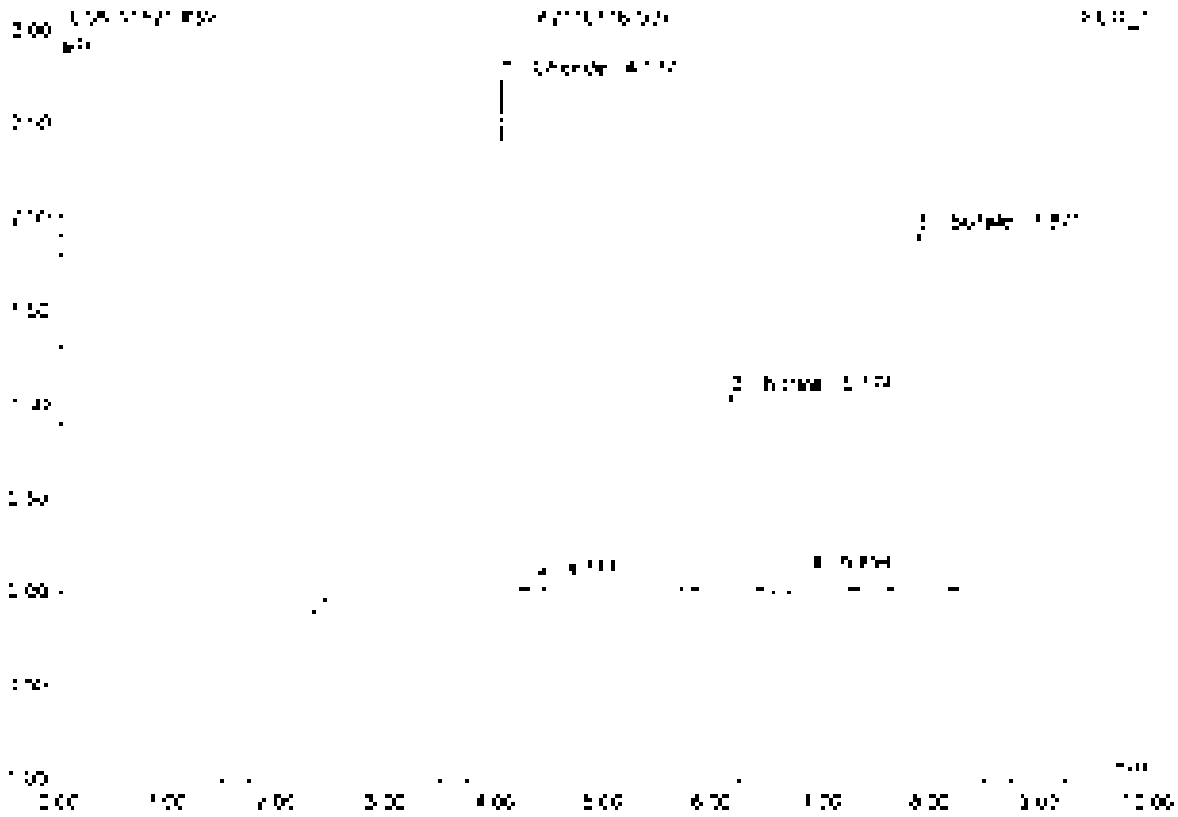
Sample Name	K2110716-008	Injection Volume	25.0
Vial Number	21	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	9/13/2021 17:49	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Relative %	Amount	Type
1	4.34	Chloride	2.674	0.250	52.37	2.744	BV*
2	4.35	n.a.	0.172	0.018	3.72	n.a.	BV*
3	6.57	n.a.	0.098	0.040	8.95	n.a.	BMB
4	7.87	Sulfate	0.268	0.161	33.61	2.503	BMB
5	9.33	n.a.	0.010	0.006	1.35	n.a.	BMB
Total:			3.824	0.470	100.00	5.245	

39 K2110716-009

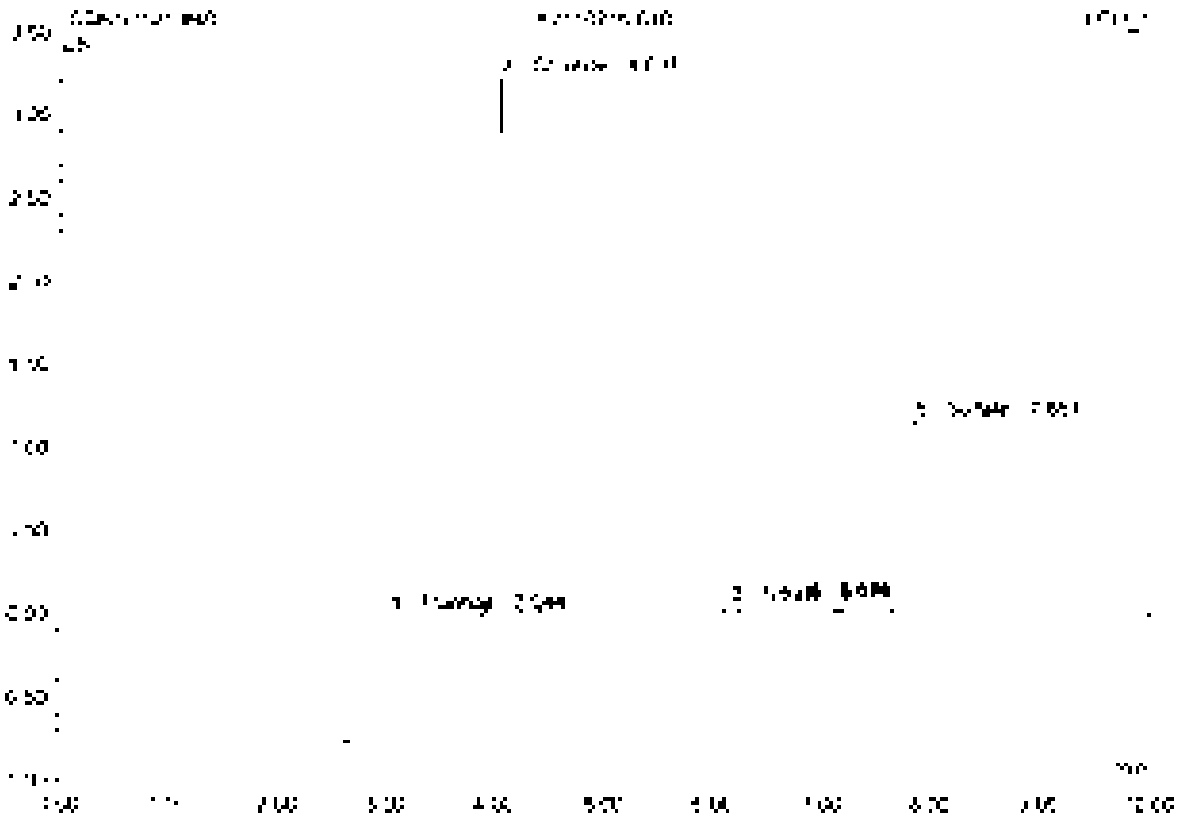
Sample Name	K2110716-009	Injection Volume	25.0
Vial Number	24	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Method Method	epa300	Dilution Factor	2.0000
Recording Time	9/15/2021 14:00	Sample Weight	1.0000
Run Time (max.)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.24	Chloride	2.738	0.255	31.01	2.796	BMB
2	4.38	n.a.	0.051	0.005	0.64	n.a.	BMB
3	6.17	Nitrite	1.040	0.161	20.09	0.727	BMB
4	6.50	n.a.	0.045	0.007	0.90	n.a.	BMB
5	7.57	Sulfate	1.904	0.352	43.96	5.475	BMB
Total:			5.779	0.800	100.00	8.998	

40 K2110716-010

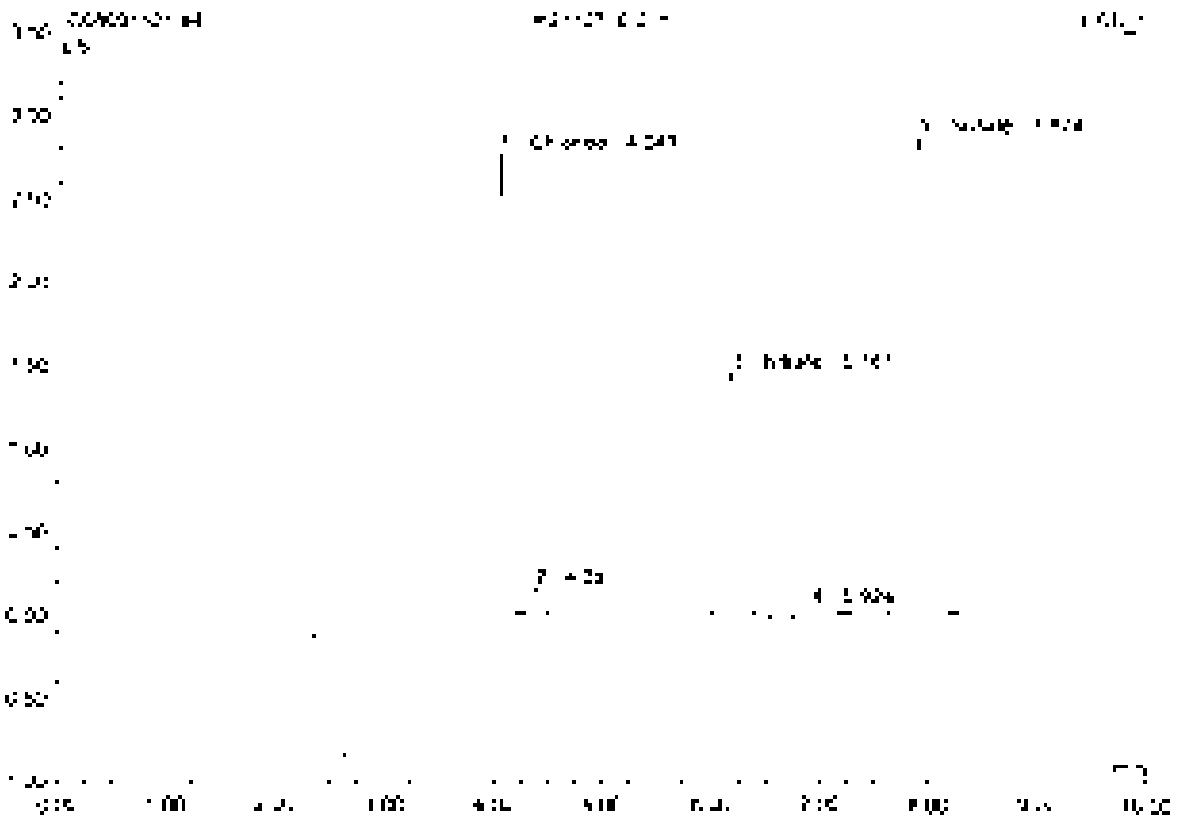
Sample Name	K2110716-010	Injection Volume	25.0
Vial Number	25	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Processing Time	9/15/2021 18:13	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	0.530	0.358	25.79	3.123	BMB
2	4.04	Chloride	0.227	0.295	20.26	3.277	BMB
3	6.17	Nitrate	0.050	0.008	0.55	0.015	BMB
4	5.87	n.a.	0.071	0.035	2.58	n.a.	BMB
5	7.86	Sulfate	1.167	0.256	24.34	3.365	BMB
Total:			2.053	0.900	100.00	9.852	

41 K2110716-011

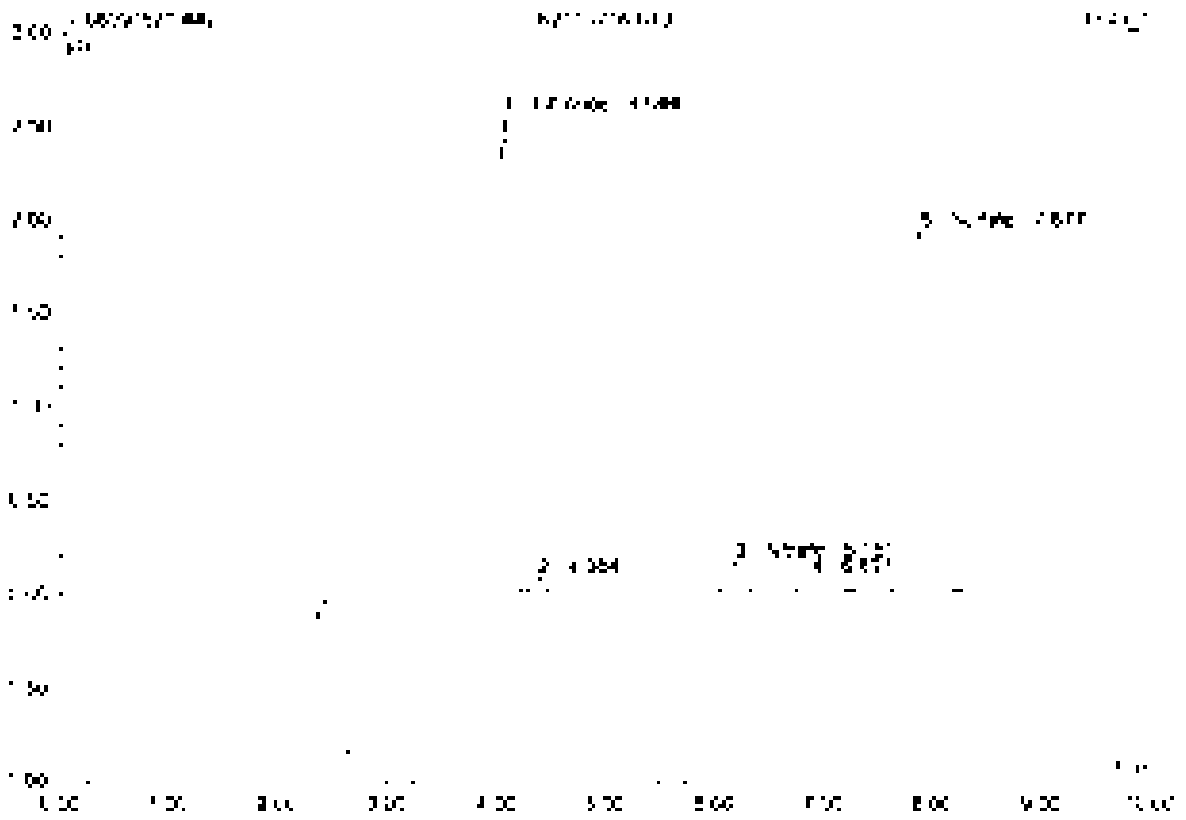
Sample Name	K2110716-011	Injection Volume	25.0
Vial Number	25	Channel	ECD 1
Sampler Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	9/15/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	[illegible]	0.258	25.20	2.831	BMB
2	4.38	n.a.	0.158	0.015	1.51	n.a.	BMB
3	6.18	Nitrate	[illegible]	0.208	20.30	0.942	BMB
4	6.52	n.a.	0.052	0.019	1.73	n.a.	BMB
5	[illegible]	Sulfate	2.866	0.525	51.17	8.171	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

42 K2110716-013

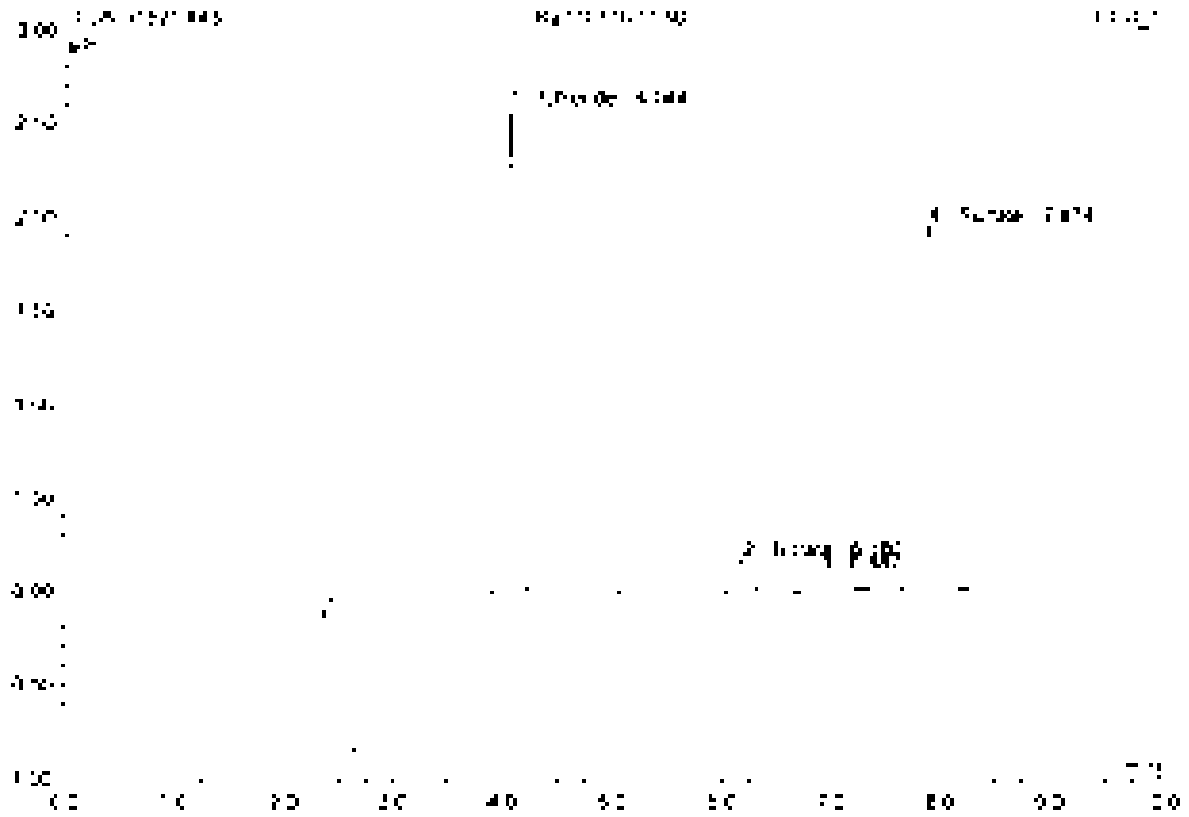
Sample Name	K2110716-013	Injection Volume	25.0
Vial Number	27	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	9/15/2021 18:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.06	Chloride	2.553	0.738	36.72	2.503	BMB
2	4.39	n.a.	0.075	0.038	1.23	n.a.	BMB
3	5.18	Nitrate	0.150	0.023	3.64	0.124	BMB
4	6.80	n.a.	0.080	0.022	3.48	n.a.	BMB
5	7.88	Sulfate	1.925	0.356	55.04	5.541	BMB
Total:			4.931	0.547	100.00	8.251	

43 K2110716-013D

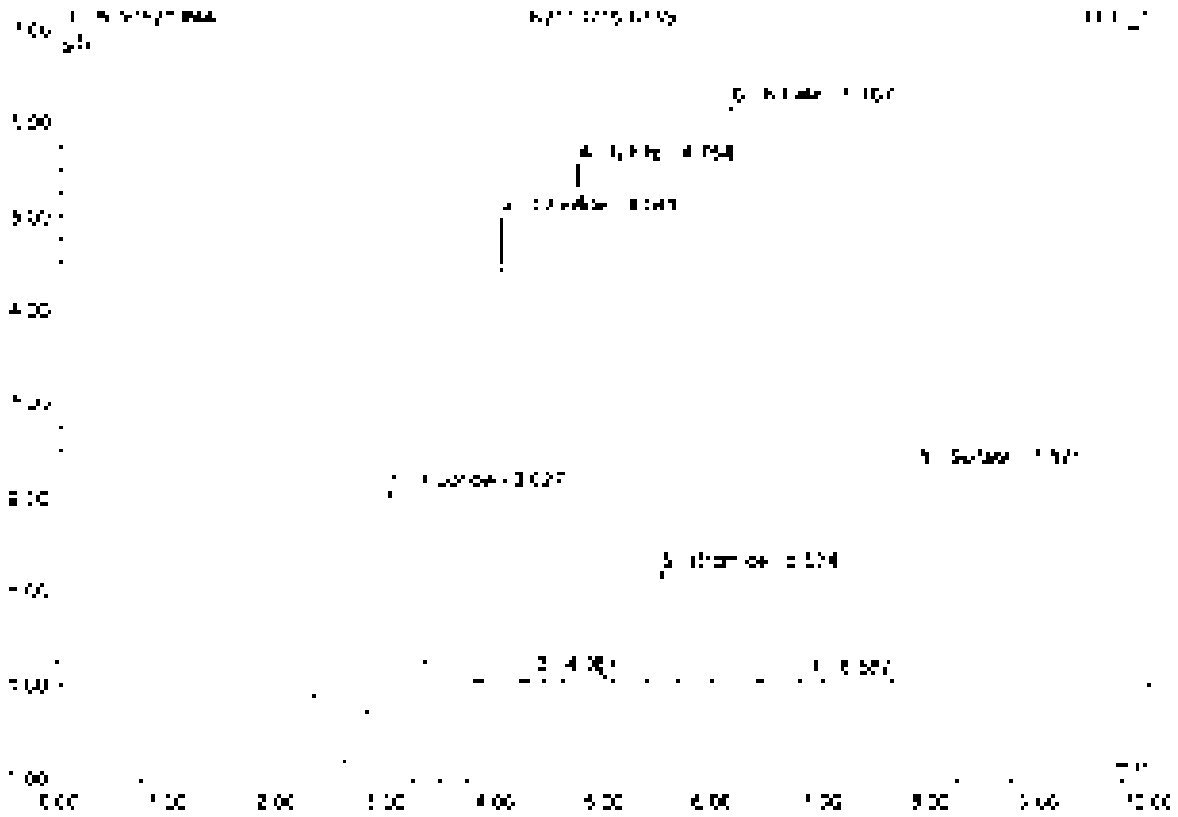
Sample Name	K2110716-013D	Injection Volume	25.0
Vial Number	28	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Current Program	epa300	Bandwidth	n.a.
Current Method	epa300	Dilution Factor	2.0000
Recording Time	9/16/2021 18:47	Sample Weight	1.0000
Run Time (min)	40.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.34	Chloride	2.580	0.241	27.14	2.635	BMB
2	5.18	Nitrate	0.163	0.021	2.35	0.164	BMB
3	6.69	n.a.	0.096	0.026	4.02	n.a.	BMB
4	7.57	Sulfate	2.941	0.459	56.79	4.583	BMB
Total:			4.781	0.845	100.00	8.325	

44 KZ110716-013S

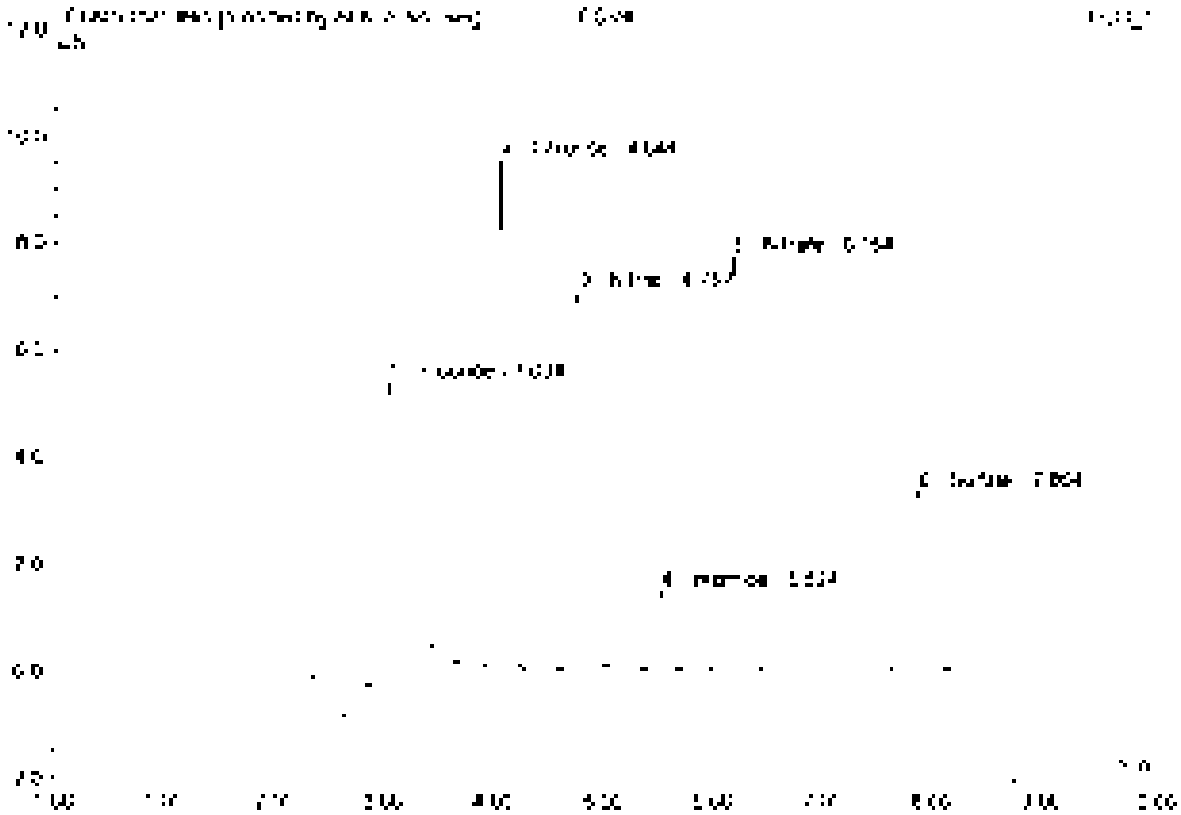
Sample Name	KZ110716-013S	Injection Volume	25.0
Vial Number	29	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Method Method	epa300	Dilution Factor	4.0000
Recording Time	9/15/2021 18:58	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.03	Fluoride	2.311	0.576	12.03	0.257	BMB
2	4.04	Chloride	4.365	0.459	14.37	0.259	BMB
3	4.38	n.a.	0.067	0.006	0.20	n.a.	BMB
4	4.75	Nitrite	5.537	0.706	22.19	2.940	BMB
5	5.52	Bromide	1.184	0.146	4.57	0.497	BMB
6	5.17	Nitrate	5.165	0.857	26.83	2.758	BMB
7	6.59	n.a.	0.050	0.015	0.46	n.a.	BMB
8	7.57	Sulfate	7.795	0.476	14.90	13.219	BMB
Total:			27.573	3.195	100.00	21.195	

45 CCV4

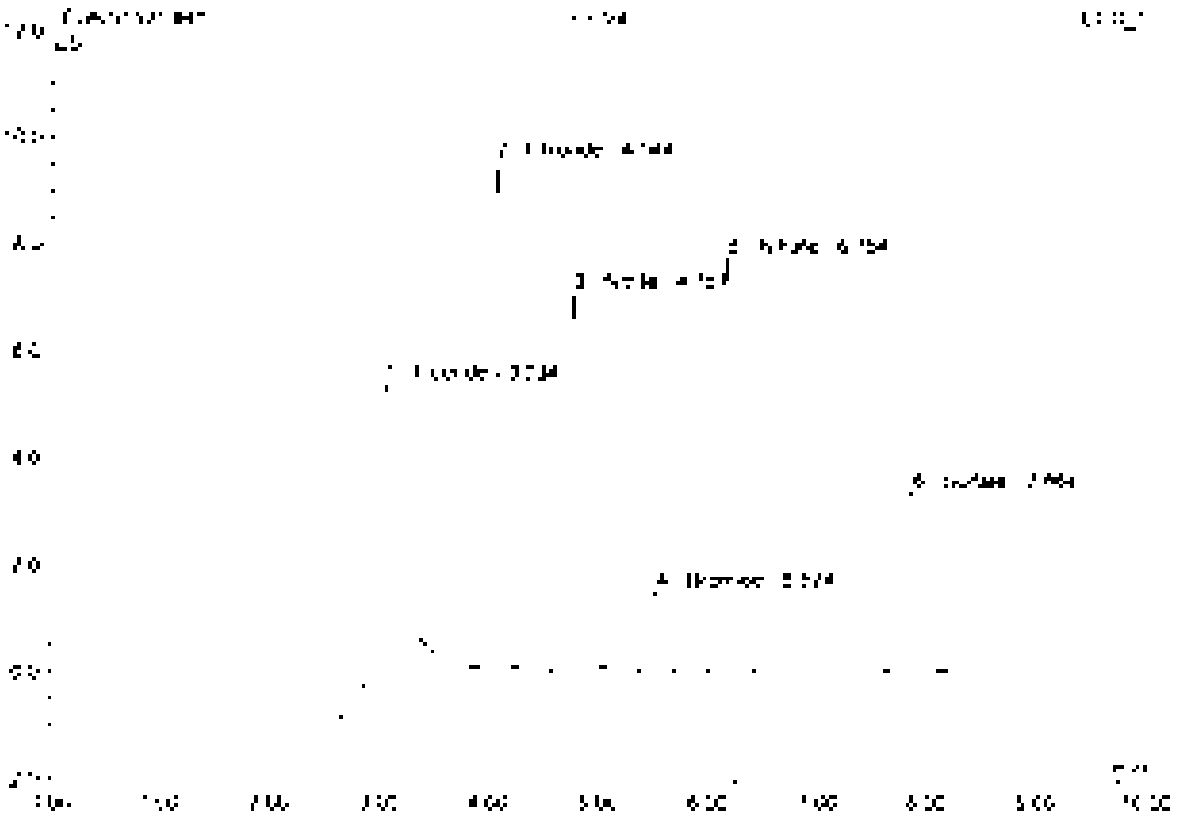
Sample Name	CCV4	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	9/15/2021 18:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.93	Fluoride	5.563	[illegible]	24.40	5.234	BV/B'
2	4.34	Chloride	9.478	0.805	17.93	4.736	BV/B'
3	4.76	Nitrite	7.052	0.307	10.81	2.540	BV/B
4	5.52	Bromide	1.479	0.151	3.75	2.448	BV/B
5	5.10	Nitrate	7.730	1.364	22.07	2.402	BV/B
6	7.80	Sulfate	3.344	0.625	13.04	4.296	BMB
Total:			34.645	4.522	100.00	22.262	

45 CCV4

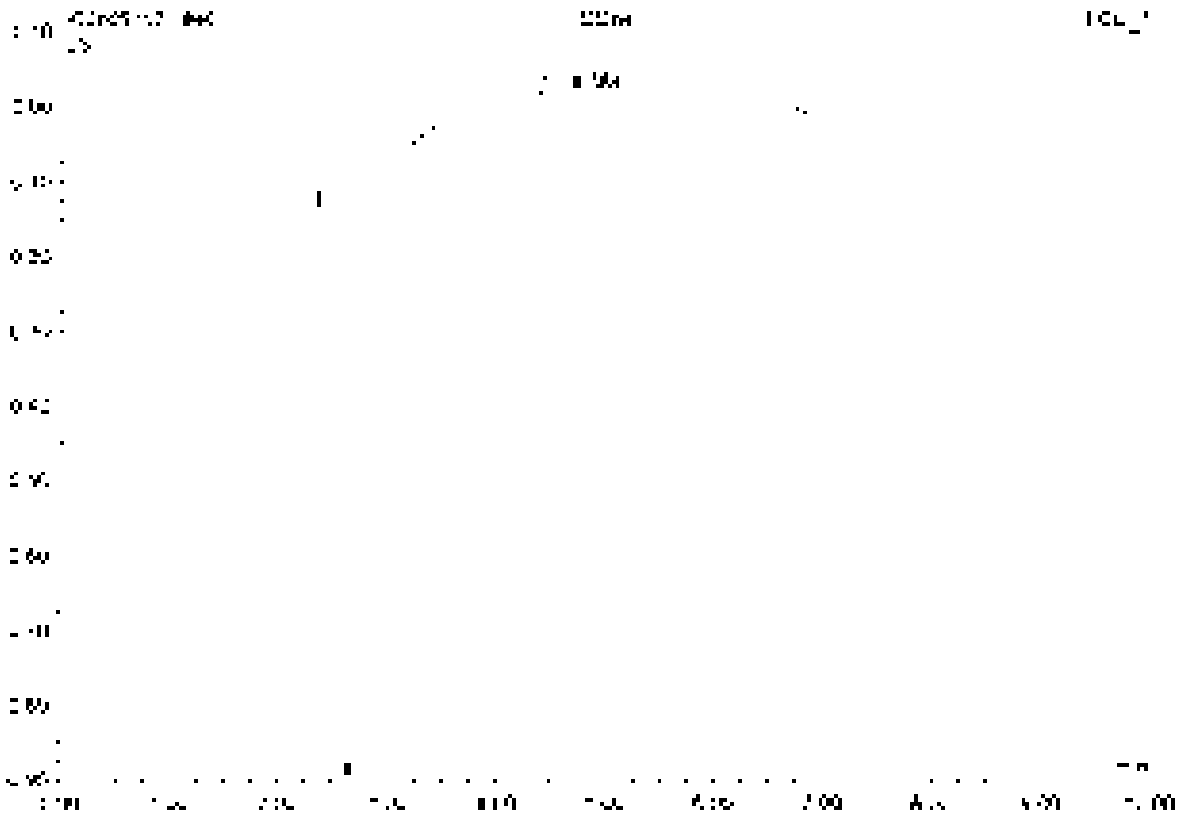
Sample Name	CCV4	Injection Volume	25.0
Vial Number	45	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Acquisition Time	9/15/2021 19:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	5.609	1.275	20.53	5.578	BMb
2	4.04	Chloride	5.479	0.865	17.57	4.736	BMB
3	4.76	Nitrite	7.052	0.907	18.40	2.540	BVB
4	5.52	Bromide	1.472	0.181	3.67	2.445	BVB
5	6.15	Nitrate	7.730	1.064	21.62	2.408	BVB
6	7.86	Sulfate	3.344	0.629	12.78	4.636	BVB
Total			34.667	4.922	100.00	22.705	

46 CCB4

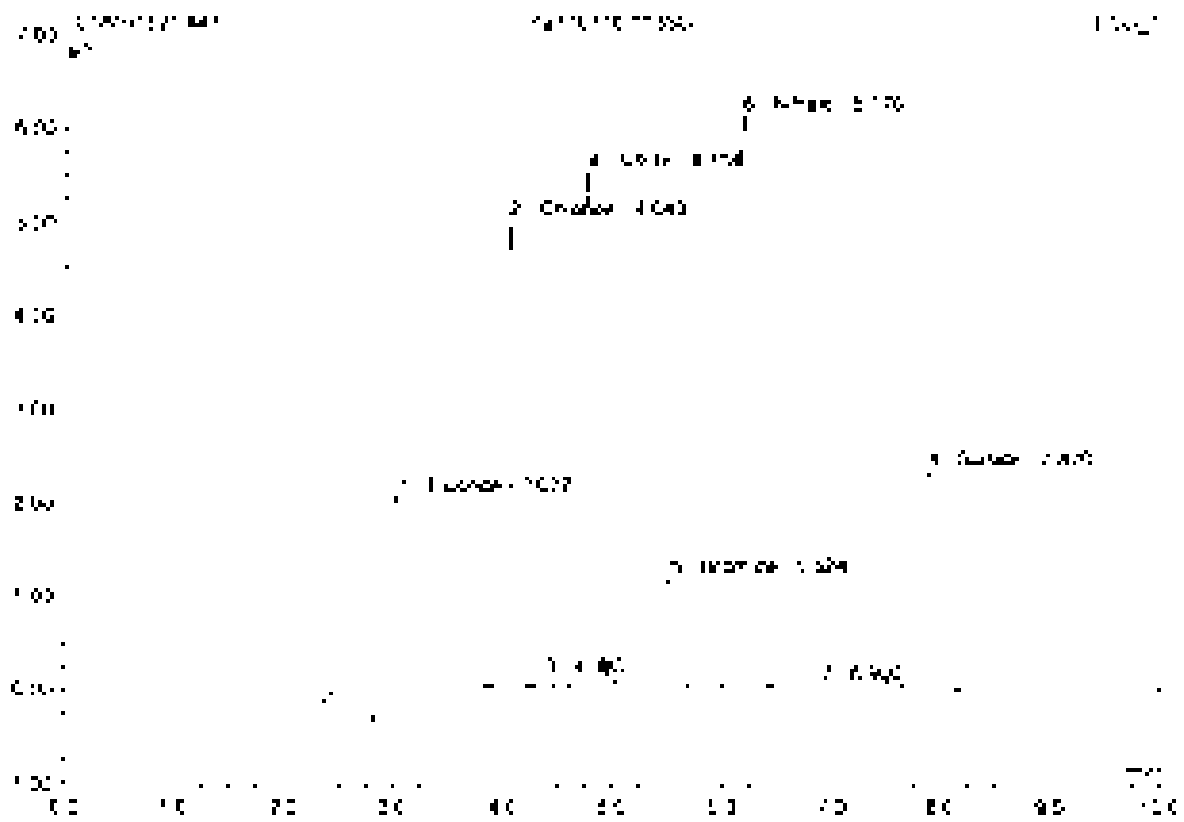
Sample Name	CCB4	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Operator Method	epa300	Calibrate Factor	1.0000
Processing Time	5/15/2021 18:22	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.09	n.a.	0.701	3.108	100.00	n.a.	BMB
Total:			0.701	3.108	100.00	0.000	

47 K2110716-013SD

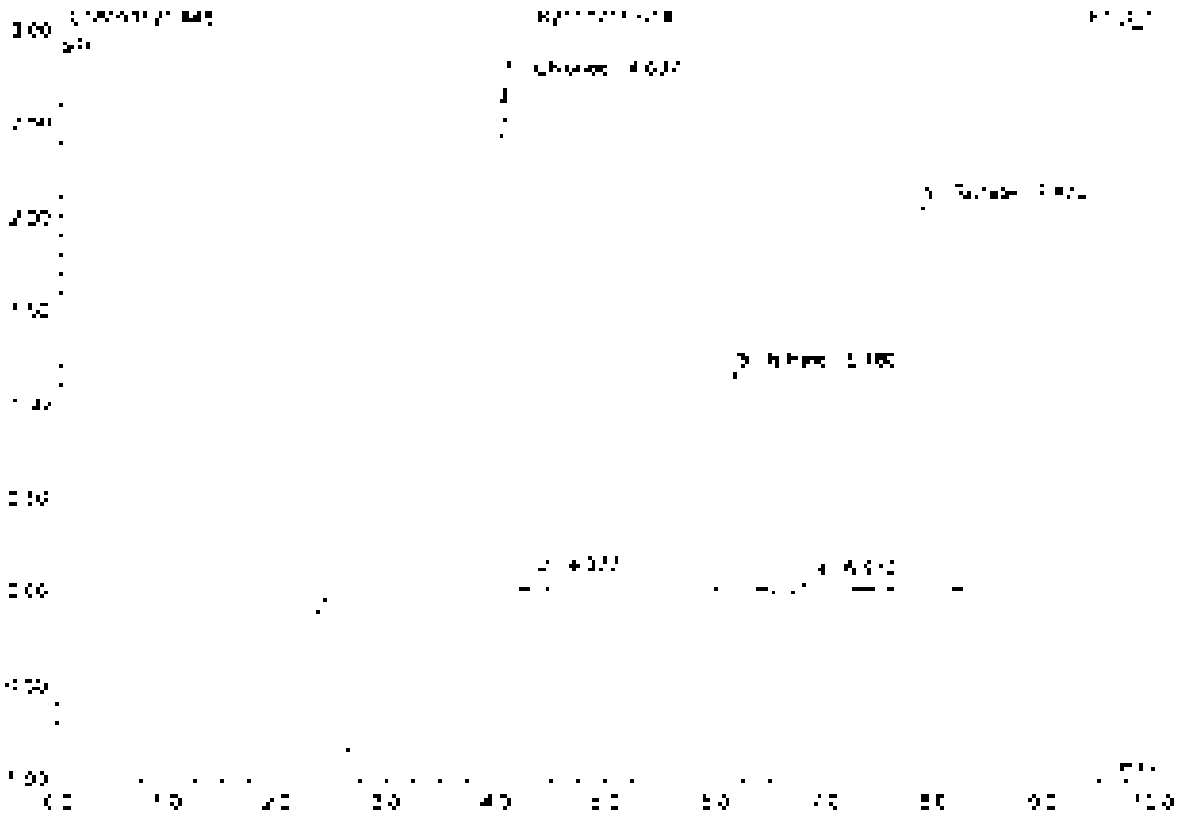
Sample Name	K2110716-013SD	Injection Volume	25.0
Vial Number	35	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	4.0000
Recording Time	9/15/2021 19:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.03	Fluoride	2.217	0.584	18.20	10.385	BMB
2	4.04	Chloride	4.583	0.461	14.38	10.102	BVB
3	4.28	n.a.	0.055	0.005	0.30	n.a.	BMB
4	4.75	Nitrite	5.515	0.705	22.10	7.540	BVB
5	5.52	Bromide	1.183	0.145	4.52	7.862	BMB
6	6.17	Nitrate	6.129	0.823	25.60	7.719	BMB
7	6.90	n.a.	0.035	0.010	0.32	n.a.	BVB
8	7.87	Sulfate	7.009	0.405	12.58	13.535	BVB
Total:			22.596	3.206	100.00	67.547	

48 K2110716-014

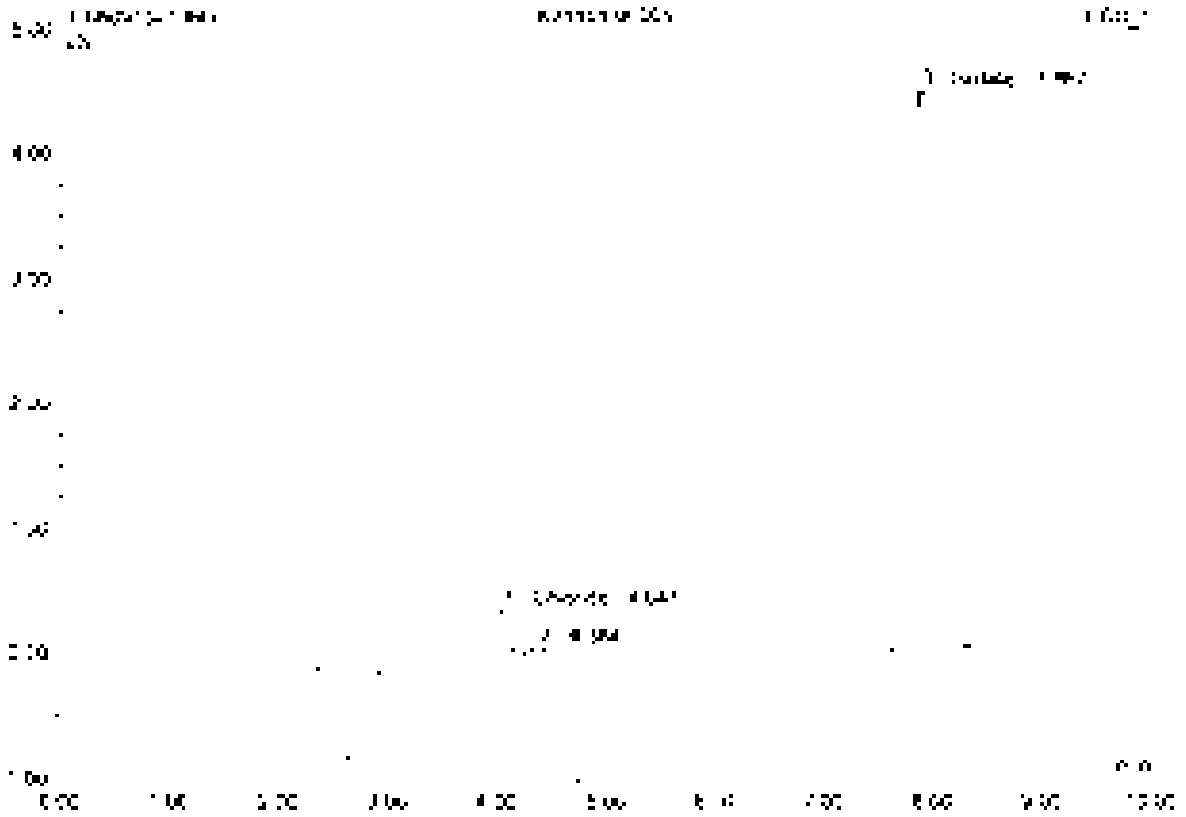
Sample Name	K2110716-014	Injection Volume	25.0
Vial Number	34	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Data/IP Method	apa300	Dilution Factor	2.0000
Recording Time	9/15/2021 18:45	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.24	Chloride	2.738	0.256	30.76	2.800	BVB
2	4.33	n.a.	0.074	0.007	0.80	n.a.	BV B
3	6.13	Nitrate	1.176	0.170	20.46	0.770	BMB
4	6.57	n.a.	0.060	0.022	2.67	n.a.	BMB
5	7.57	Sulfate	2.057	0.376	45.25	5.855	BVB
Total:			6.104	0.831	100.00	9.425	

49 K2110138-005

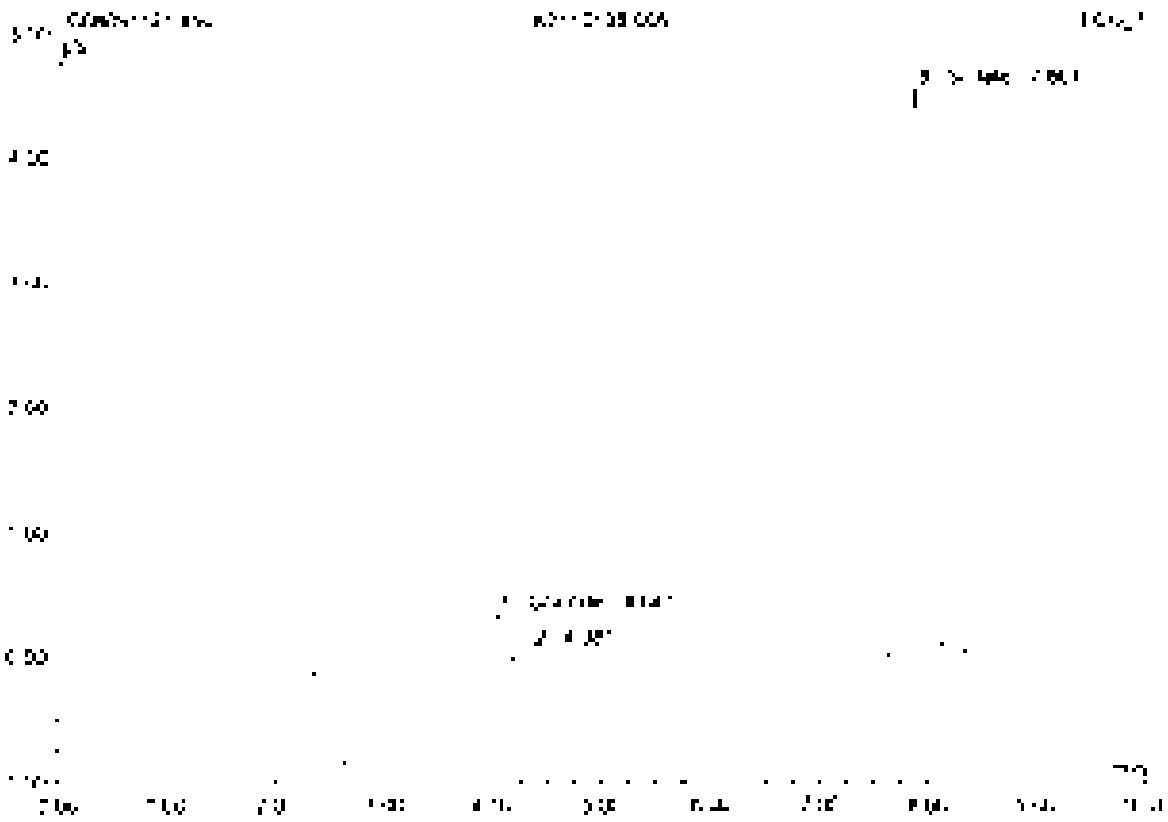
Sample Name	K2110138-005	Injection Volume	25.0
Vial Number	32	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	30.0000
Recording Time	9/13/2021 18:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	0.357	0.034	3.51	3.680	BMB
2	4.38	n.a.	0.051	0.005	0.50	n.a.	bMB
3	[illegible]	Sulfate	4.484	0.944	95.99	131.383	BMB
Total:			4.892	0.983	100.00	135.063	

50 K2110138-006

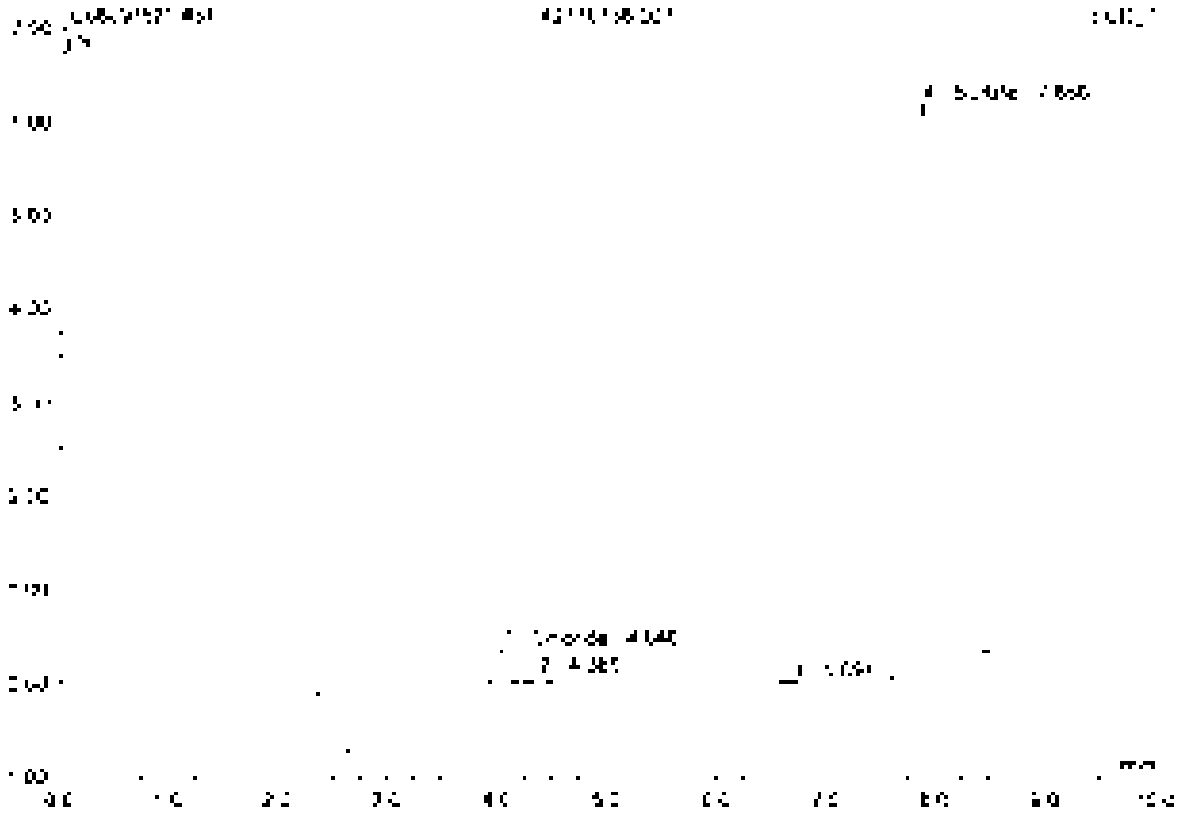
Sample Name	K2110138-006	Injection Volume	25.0
Vial Number	33	Channel	[illegible]
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	20.0000
Recording Time	01/04/2021 20:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.08	Chloride	0.369	0.015	3.64	1.803	BV0
2	4.38	[illegible]	0.081	0.009	2.26	n.a.	BM0
3	[illegible]	Sulfate	4.545	0.858	95.16	133.731	BWR
Total:			4.995	0.902	100.00	137.534	

51 K2110138-007

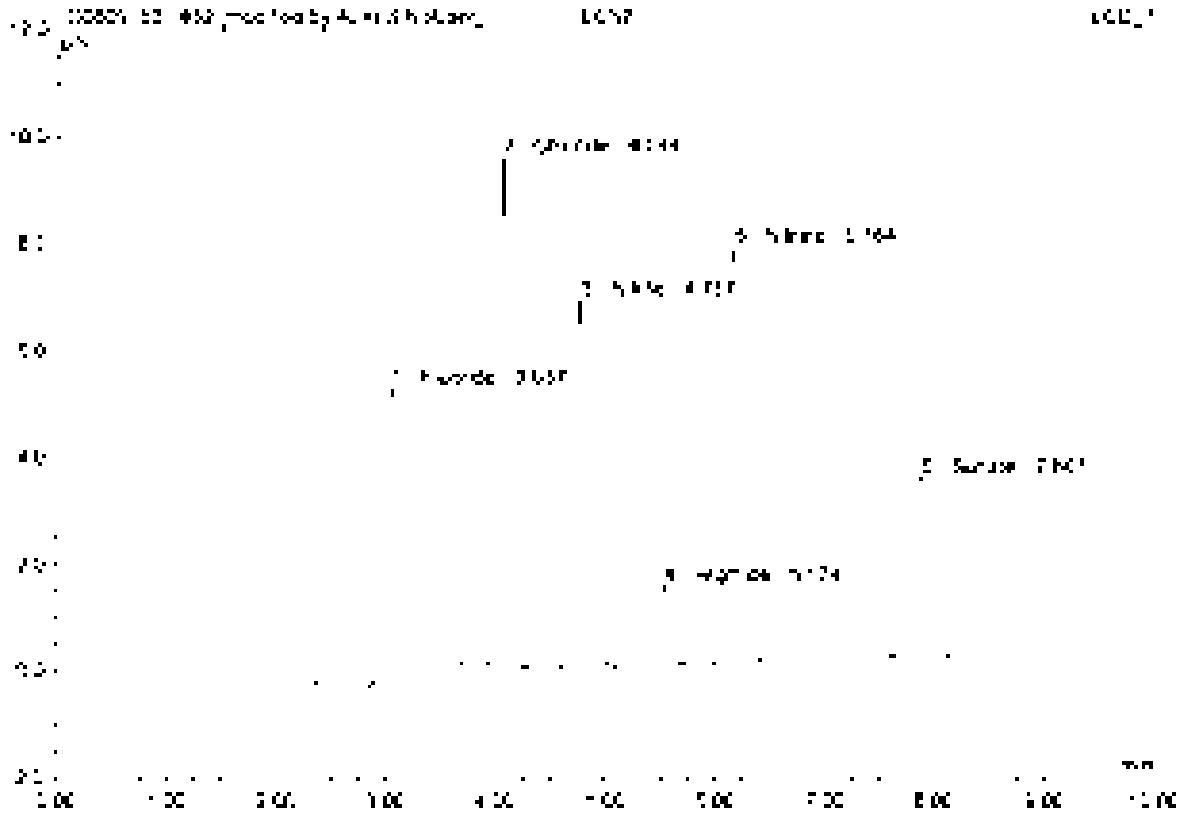
Sample Name	K2110138-007	Injection Volume	25.0
Vial Number	54	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	30.0000
Recording Time	9/15/2021 20:20	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µV	Area µV*min	Rel.Area %	Amount	Type
1	4.34	Chloride	0.357	0.034	2.70	3.746	BMB
2	4.38	n.a.	0.067	0.007	0.56	n.a.	BMB
3	6.70	n.a.	0.026	0.006	0.49	n.a.	BVB
4	7.86	Sulfate	5.066	1.275	96.25	159.735	BVB
Total:			5.516	1.268	100.00	163.482	

52 LCS2

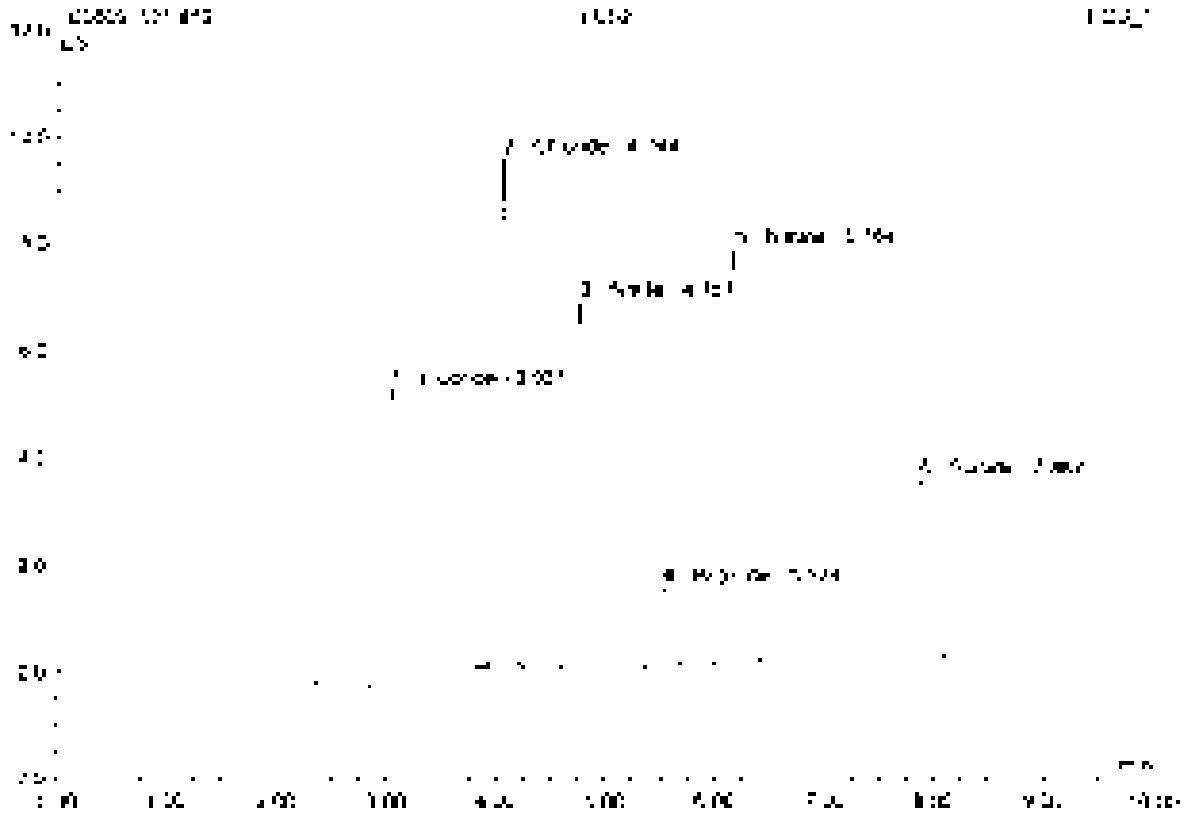
Sample Name	LCS2	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Method Number	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 20:32	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.34	Fluoride	5.479	1.167	24.51	5.262	BMB*
2	4.34	Chloride	8.550	0.972	17.99	4.774	BMB*
3	4.76	Nitrite	6.587	0.537	11.31	2.483	BMB
4	5.52	Bromide	1.100	0.183	3.78	2.482	BMB
5	6.16	Nitrate	7.785	1.070	22.10	2.477	BMB
6	7.57	Sulfate	3.369	0.645	13.31	5.020	BMB
Total:			34.370	4.844	100.00	22.463	

52 LCS2

Sample Name	LCS2	Injection Volume	35.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n/a
Control Program	epa300	Bandwidth	n/a
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 10:32	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.34	Fluoride	5515	1.271	25.79	5.634	BMB
2	4.34	Chloride	9550	0.872	17.69	4.774	BMB
3	5.38	Nitrite	6887	0.887	17.99	2.483	BMB
4	5.52	Bromide	1500	0.183	3.72	2.487	BMB
5	6.10	Nitrate	7785	1.070	21.72	2.422	BMB
6	7.87	Sulfate	7369	0.845	17.14	5.520	BMB
Total:			34.607	4.928	100.00	22.635	

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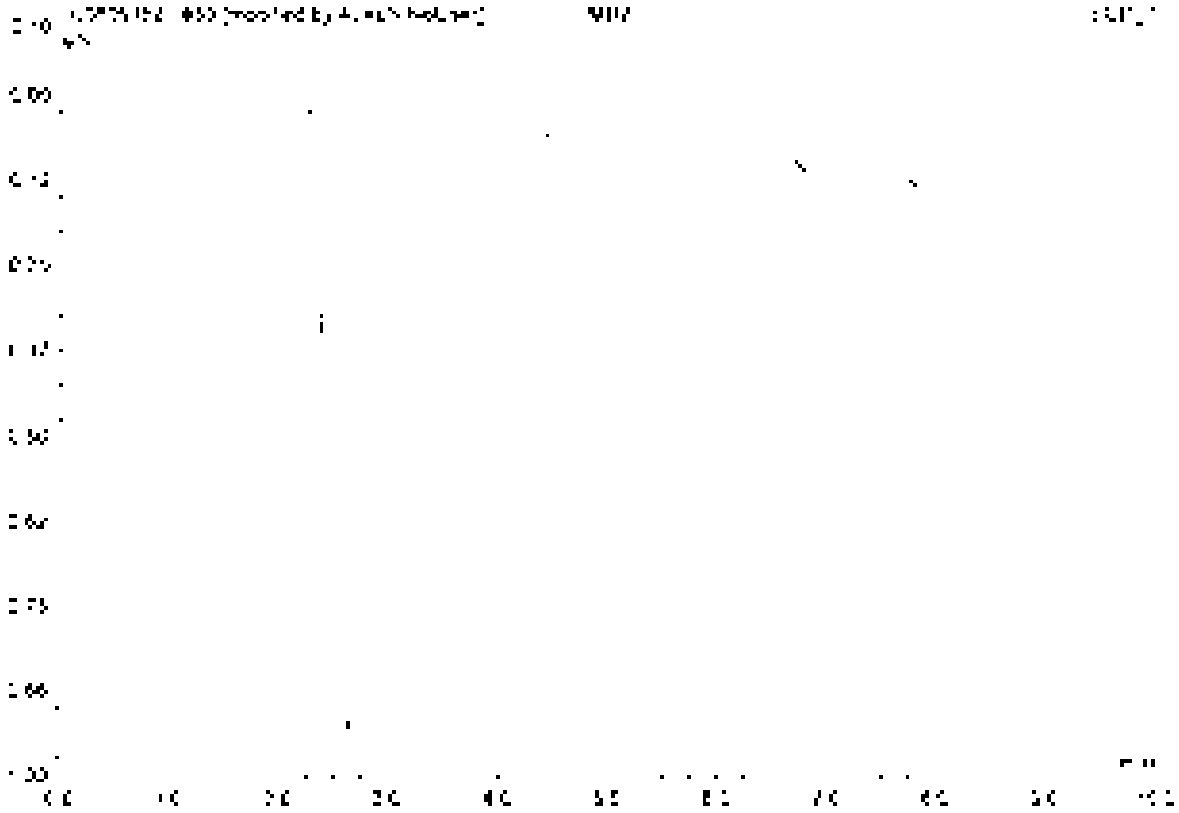
53 MB2

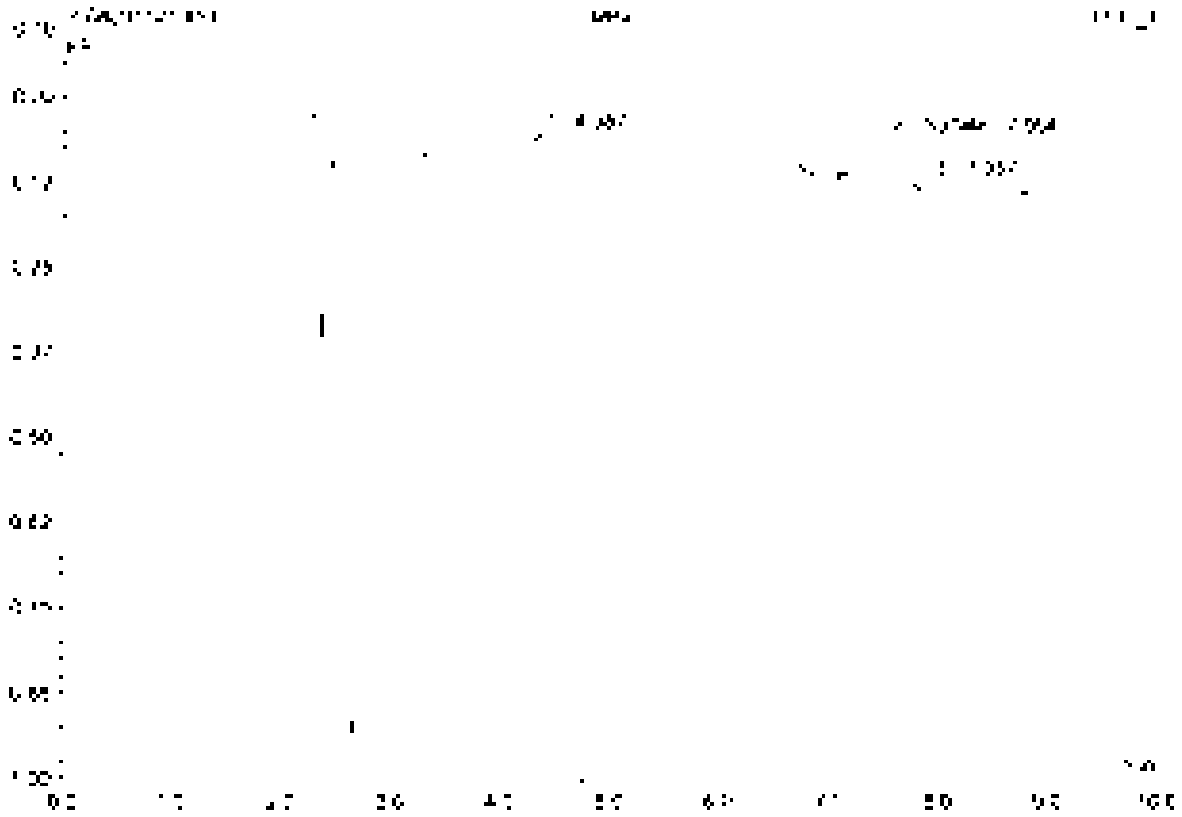
Sample Name	MB2	Injection Volume	25.0
Vial Number	1	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 20:43	Sample Weight	1.0000
Run Time (min)	15.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

53 MB2

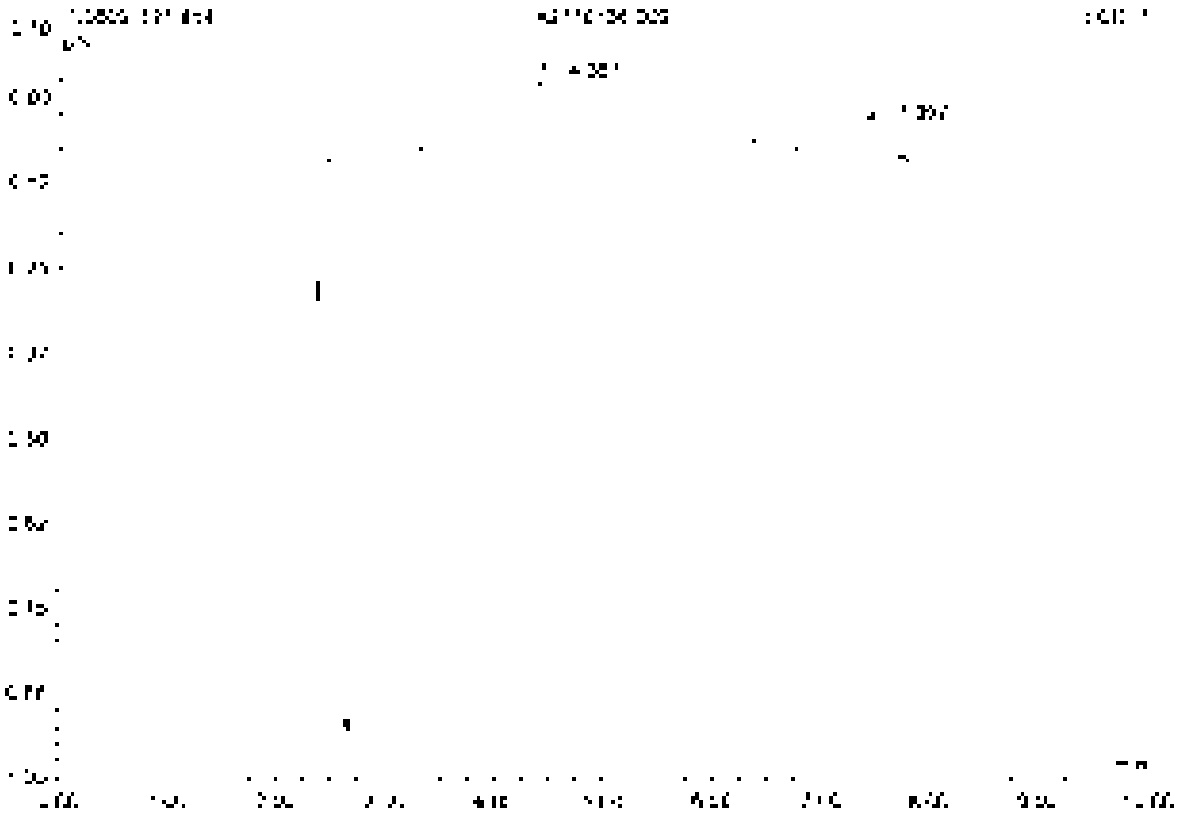
Sample Name	MB2	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 20:43	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.35	n.a.	0.500	1.210	98.57	n.a.	BMB
2	5.56	Sulfate	0.010	0.018	0.95	0.141	BVB
3	7.46	n.a.	0.015	0.008	0.44	n.a.	BVB
Total:			0.645	1.840	100.00	0.141	

54 K2110138-009

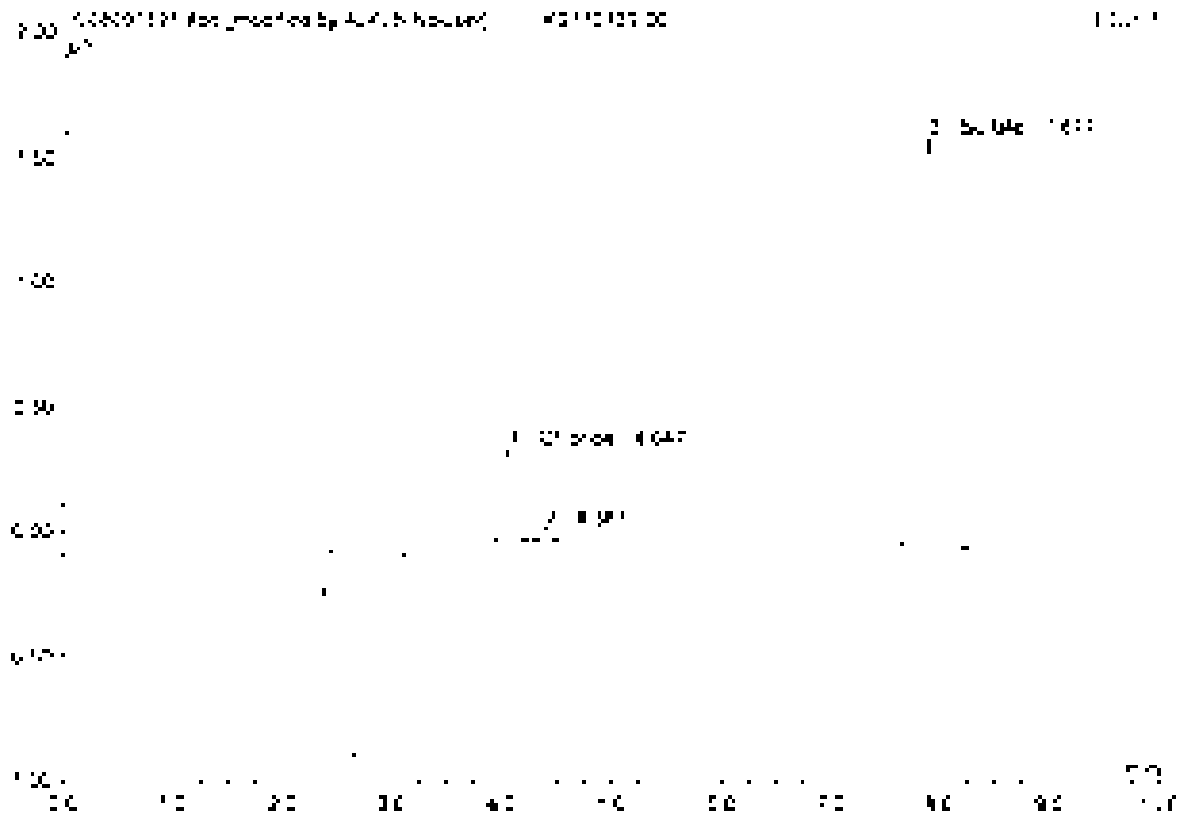
Sample Name	K2110138-009	Injection Volume	25.0
Vial Number	35	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	20.0000
Recording Date	9/15/2021 20:55	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.35	n.a.	0.515	1.495	98.94	n.a.	BMB
2	7.40	n.a.	0.006	0.016	1.06	n.a.	BMB
Total:			0.520	1.512	100.00	0.000	

55 K2110139-001

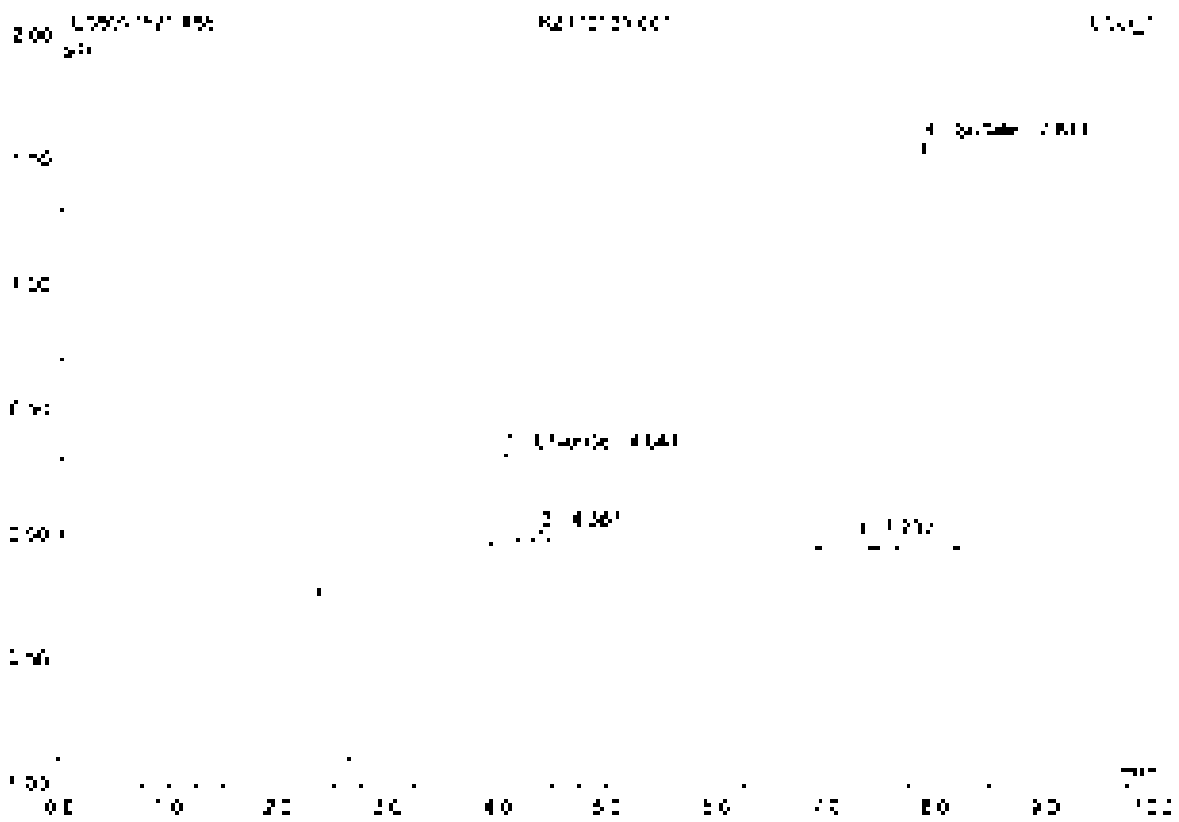
Sample Name	K2110139-001	Injection Volume	25.0
Vial Number	34	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	20.0000
Recording Time	9/15/2021 21:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.067	0.035	10.18	3.879	BMb*
2	4.39	F-A	0.048	0.005	1.47	n.a.	bMU
3	7.38	Sulfate	1.635	0.304	88.35	47.337	BMb*
Total			2.051	0.344	100.00	51.216	

55 K2110139-001

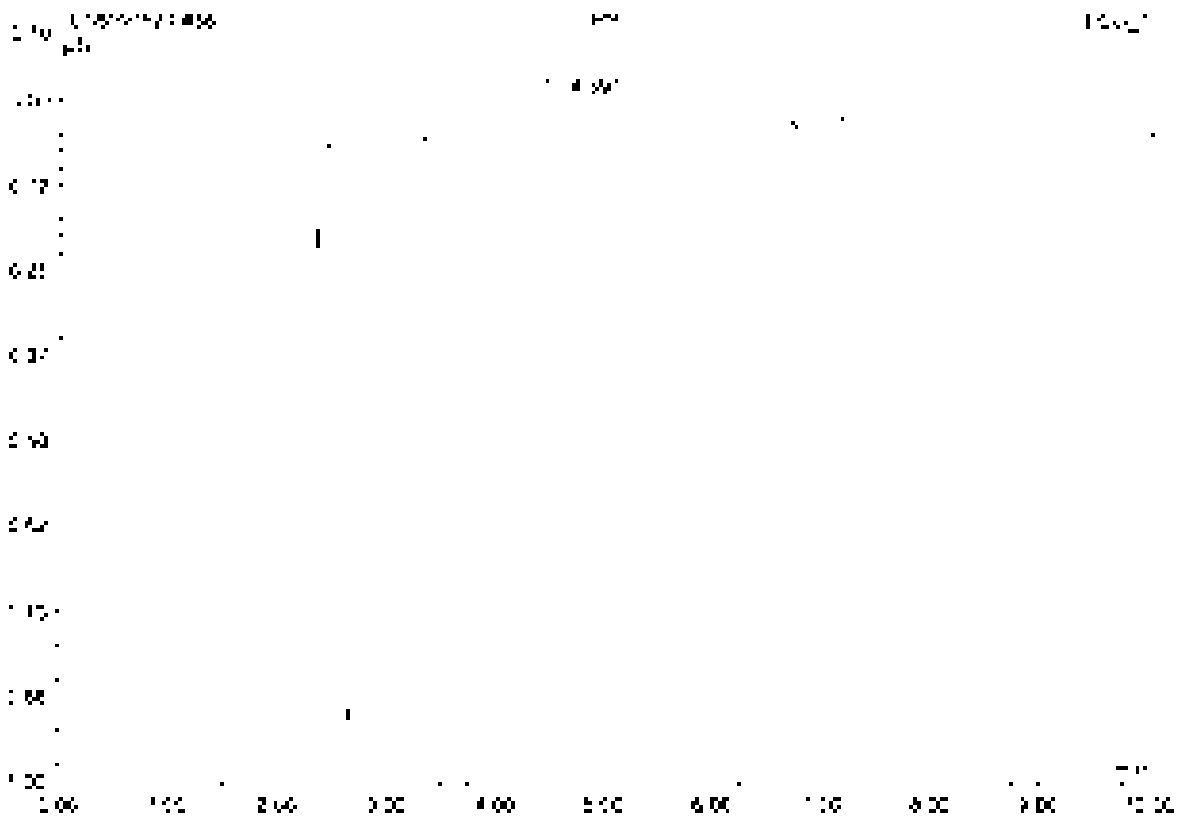
Sample Name	K2110139-001	Injection Volume	25.0
Vial Number	38	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	9/15/2021 21:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.367	0.035	5.86	3.339	BMB
2	4.33	n.a.	0.048	0.004	1.43	n.a.	BMB
3	7.24	n.a.	0.036	0.001	0.11	n.a.	BMB
4	7.82	Sulfate	1.635	0.304	86.60	47.977	BMB
Total:			2.085	0.355	100.00	51.316	

56 RB

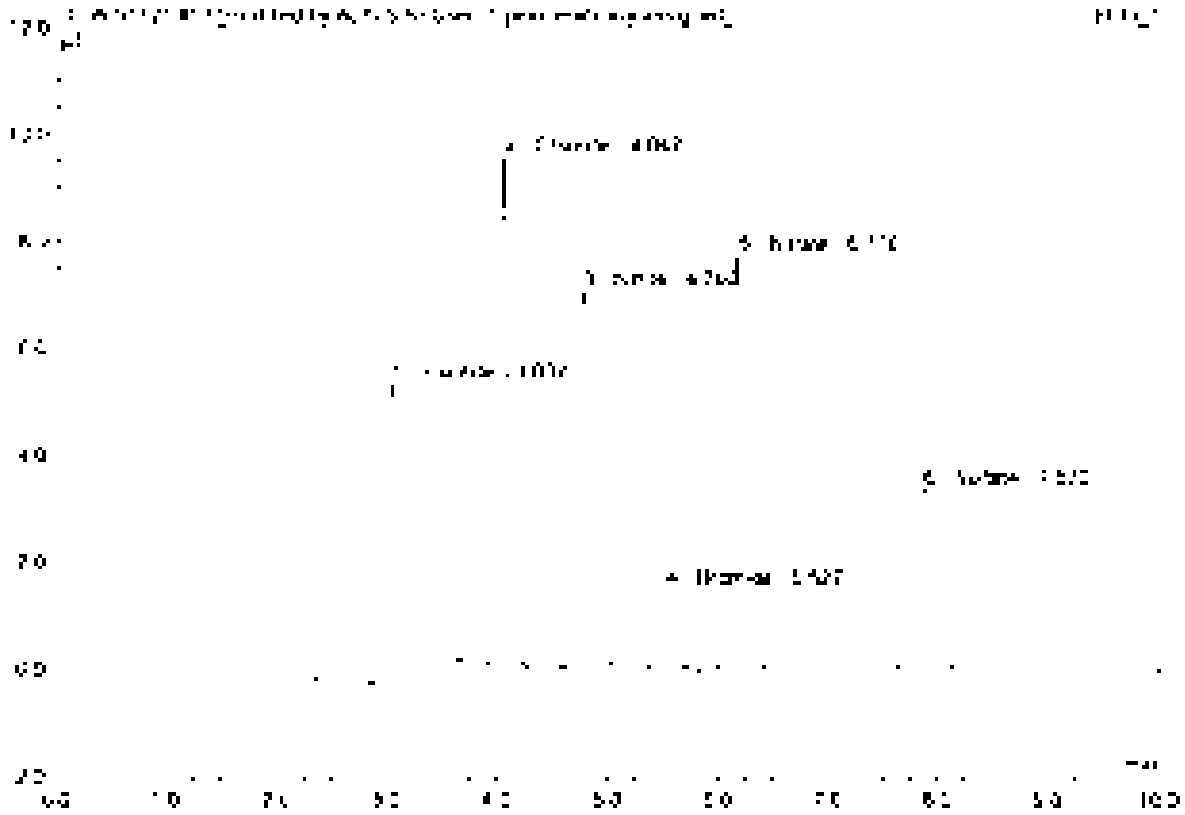
Sample Name	RB	Injection Volume	25.0
Vial Number	50	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Method Name	epa300	Dilution Factor	1.0000
Recording Time	9/16/2021 21:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.39	n.a.	3.713	3.593	100.00	n.a.	BMB
Total:			3.713	3.593	100.00	0.000	

57 CCV5

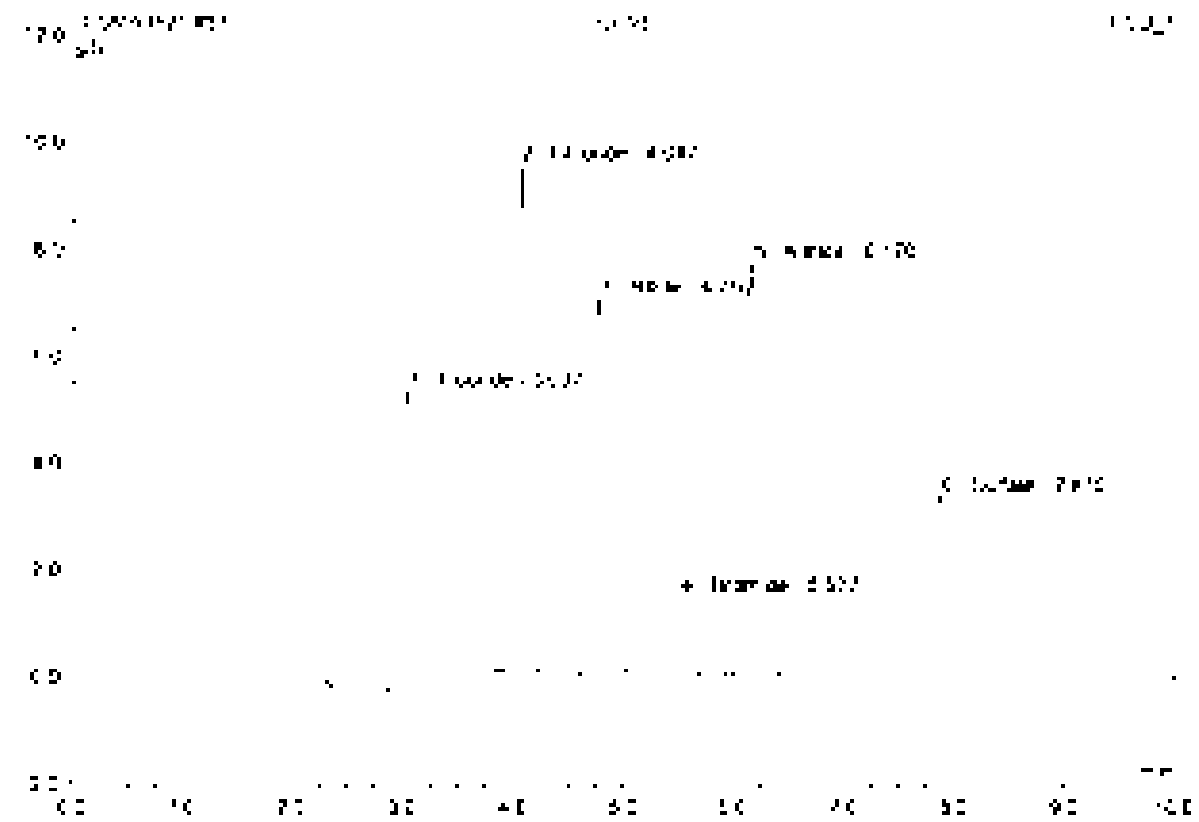
Sample Name	CCV5	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	8/19/2021 23:30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.04	Fluoride	5.520	1.188	24.46	5.282	BV*T
2	4.05	Chloride	9.497	0.868	17.90	4.755	BMB*
3	4.76	Nitrite	7.045	0.509	18.70	2.544	BMB
4	5.53	Bromide	1.478	0.181	3.70	2.457	BMB
5	6.17	Nitrate	7.735	1.068	22.03	2.417	BMB
6	7.87	Sulfate	3.392	0.636	13.12	6.254	BMB*
Total			34.667	4.850	100.00	22.404	

57 CCV5

Sample Name	CCV5	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Column Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	8/15/2021 21:30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.34	Fluoride	5.573	1.286	26.00	5.722	BMB
2	4.05	Chloride	9.457	0.868	17.54	4.755	BMB
3	4.76	Nitrite	7.645	0.909	18.38	2.544	BMB
4	5.50	Bromide	1.478	0.181	3.65	2.451	BMB
5	6.17	Nitrate	7.735	1.068	21.59	2.617	BMB
6	7.27	Sulfate	2.387	0.636	12.86	4.954	BMB
Total:			34.712	4.943	100.00	22.843	

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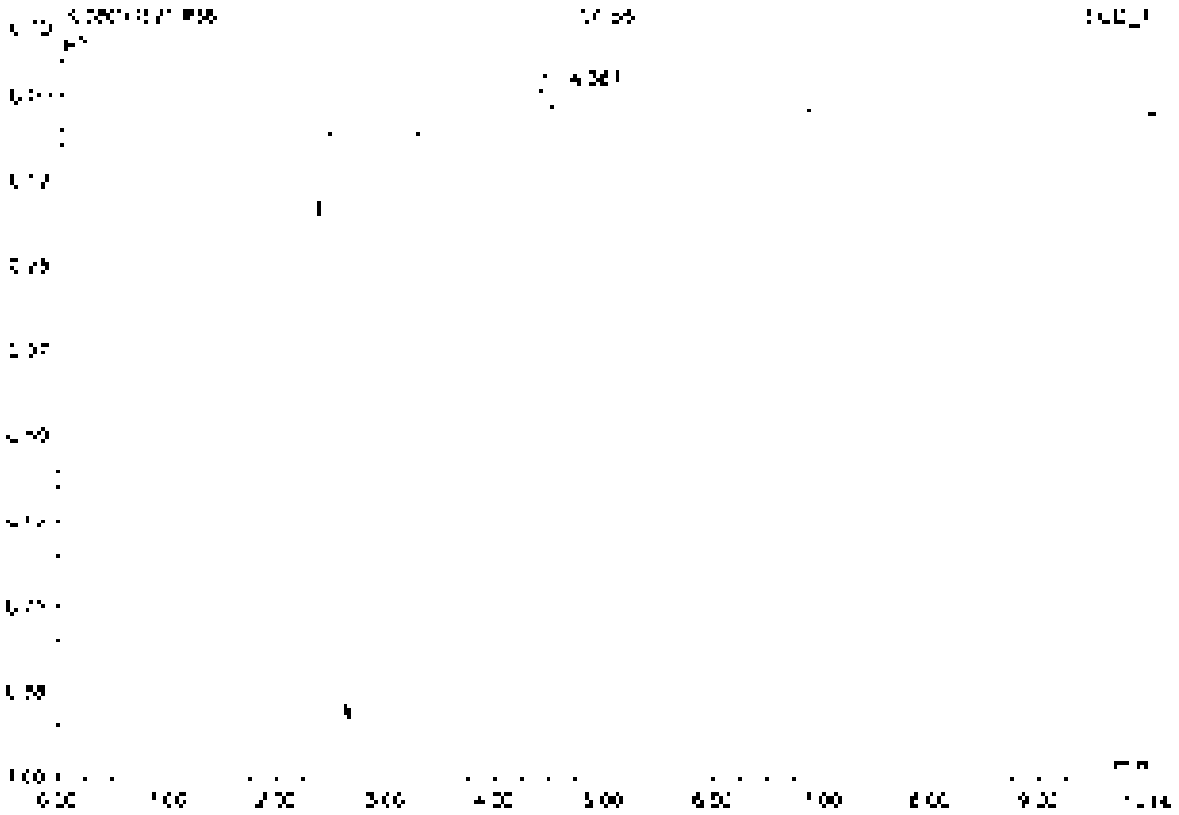
Version: 6.80 SR1 Build 4.3332 (1362279)

5B CCB5

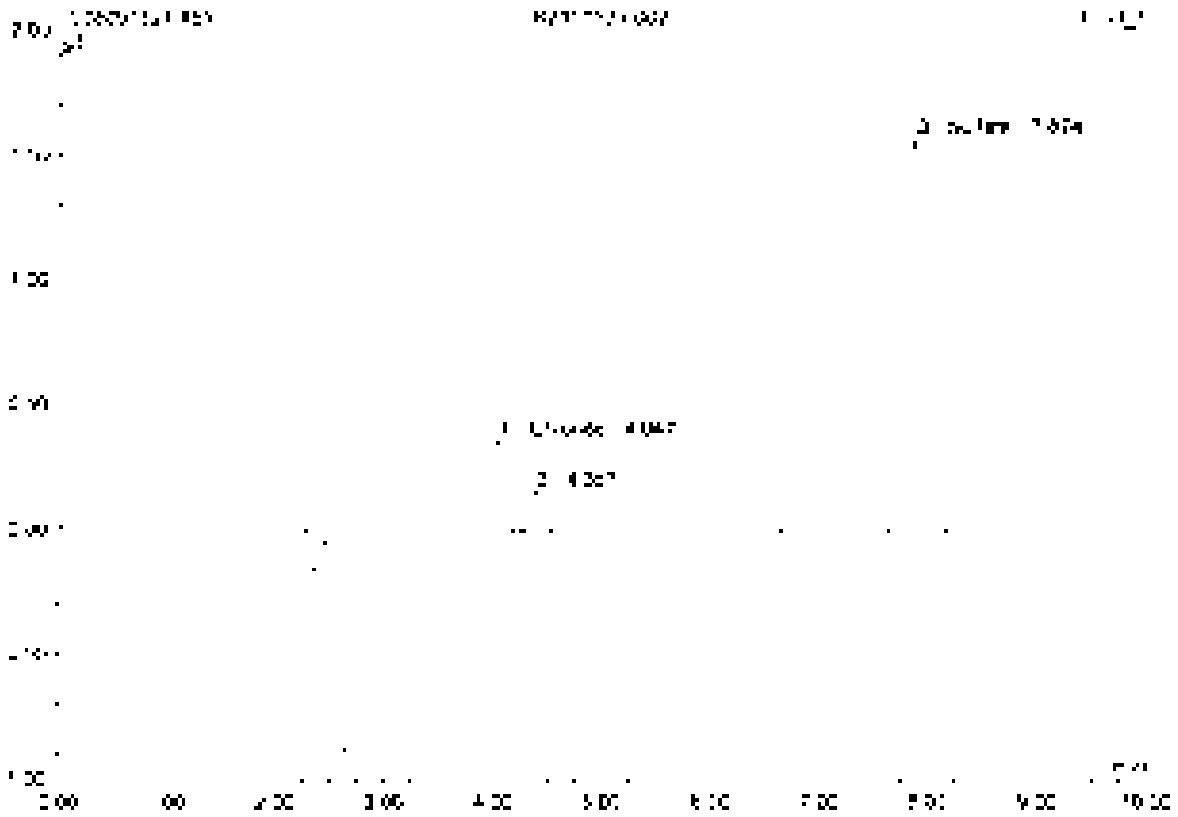
Sample Name	CCB5	Injection Volume	25.0
Vial Number	47	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/16/2021 21:42	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.39	[illegible]	0.713	3.149	100.00	[illegible]	BMB
Total:			0.713	3.149	100.00	0.000	

59 K2110139-002

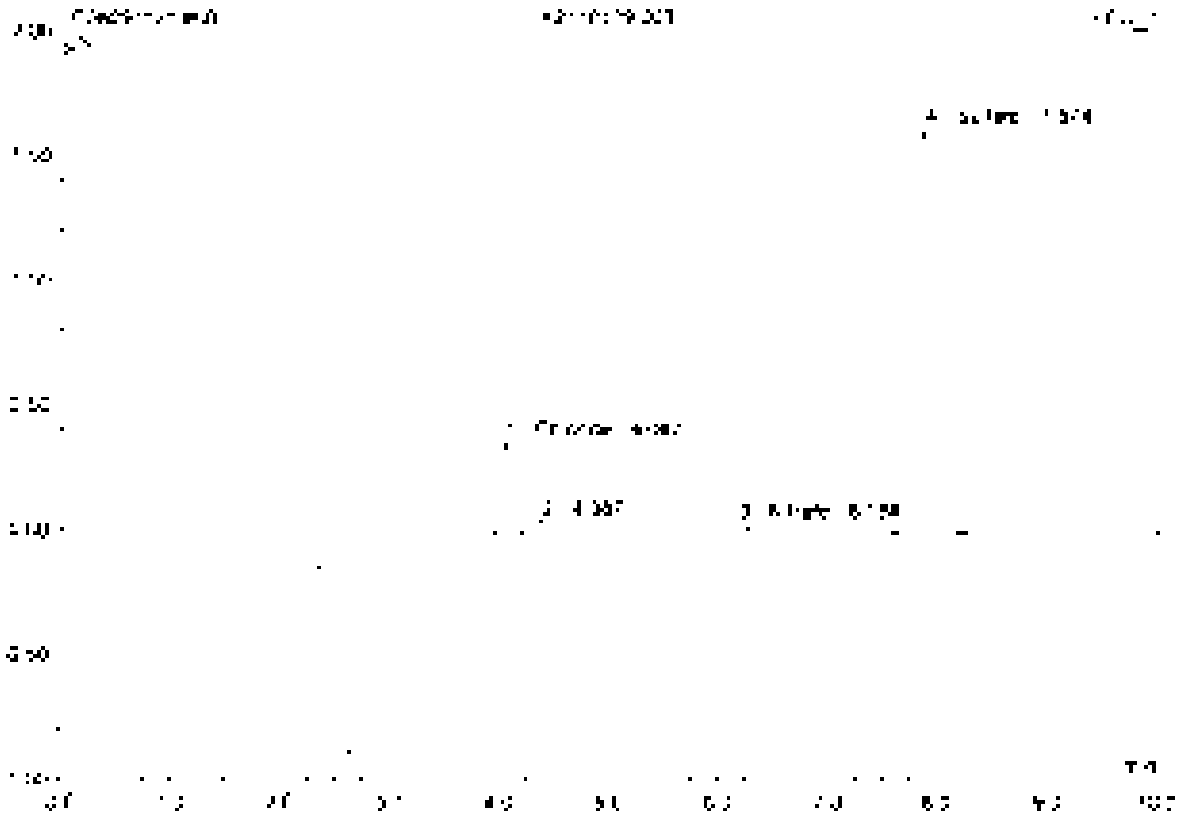
Sample Name	K2110139-002	Injection Volume	25.0
Vial Number	37	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Data Method	apa300	Dilution Factor	20.0000
Recording Time	9/15/2021 21:54	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.08	Chloride	0.375	0.035	10.18	3.552	BMB
2	4.35	n.a.	0.155	0.018	5.06	n.a.	dMB
3	7.37	Sulfate	1.505	0.295	84.76	46.153	BMB
Total:			2.127	0.348	100.00	50.365	

60 KZ110139-003

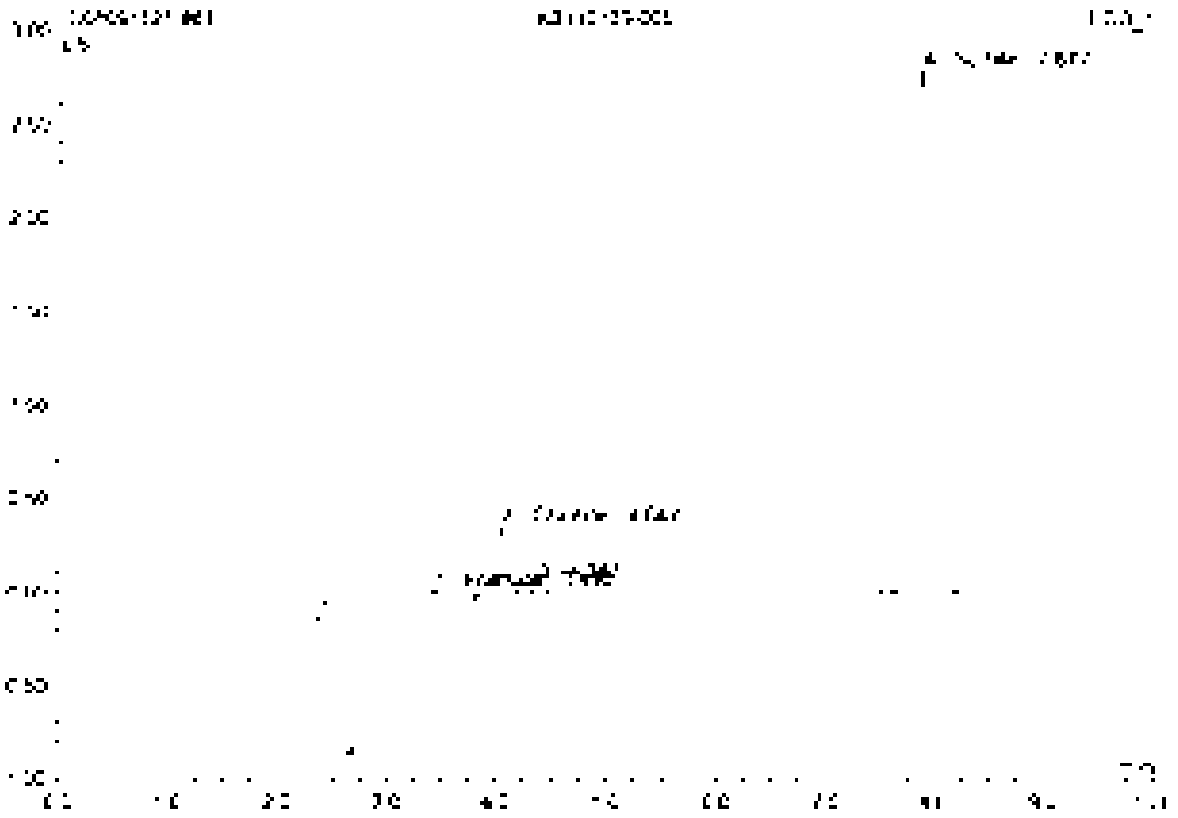
Sample Name	KZ110139-003	Injection Volume	25.0
Vial Number	38	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	20.0000
Recording Time	6/15/2021 22:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.371	0.035	10.08	2.850	BMb
2	4.39	n.a.	0.049	0.005	1.40	n.a.	BVB
3	6.15	Nitrate	0.032	0.005	1.46	0.262	BV B
4	7.87	Sulfate	1.624	0.302	87.04	47.236	BVB
Total:			2.082	0.346	100.00	51.314	

61 K2110139-005

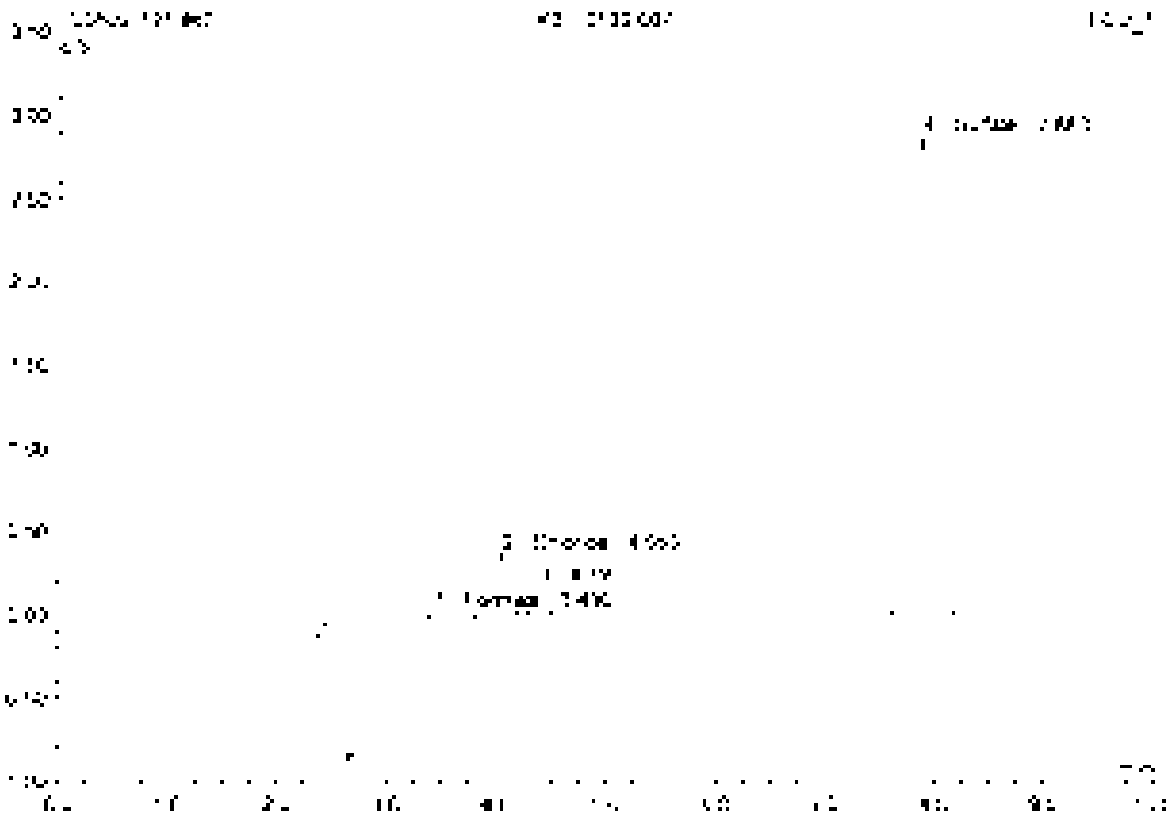
Sample Name	K2110139-005	Injection Volume	25.0
Vial Number	38	Channel	CCD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Control Factor	20.0000
Recovery Time	9/15/2021 22:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.40	Formate	0.177	0.355	38.66	n.a.	BMB
2	4.05	Chloride	0.364	0.016	1.75	0.799	BV B
3	4.35	n.a.	0.062	0.007	0.71	n.a.	BV B
4	7.88	Sulfate	2.801	0.522	56.88	31.254	BMB
Total:			3.504	0.918	100.00	32.054	

62 K2110139-007

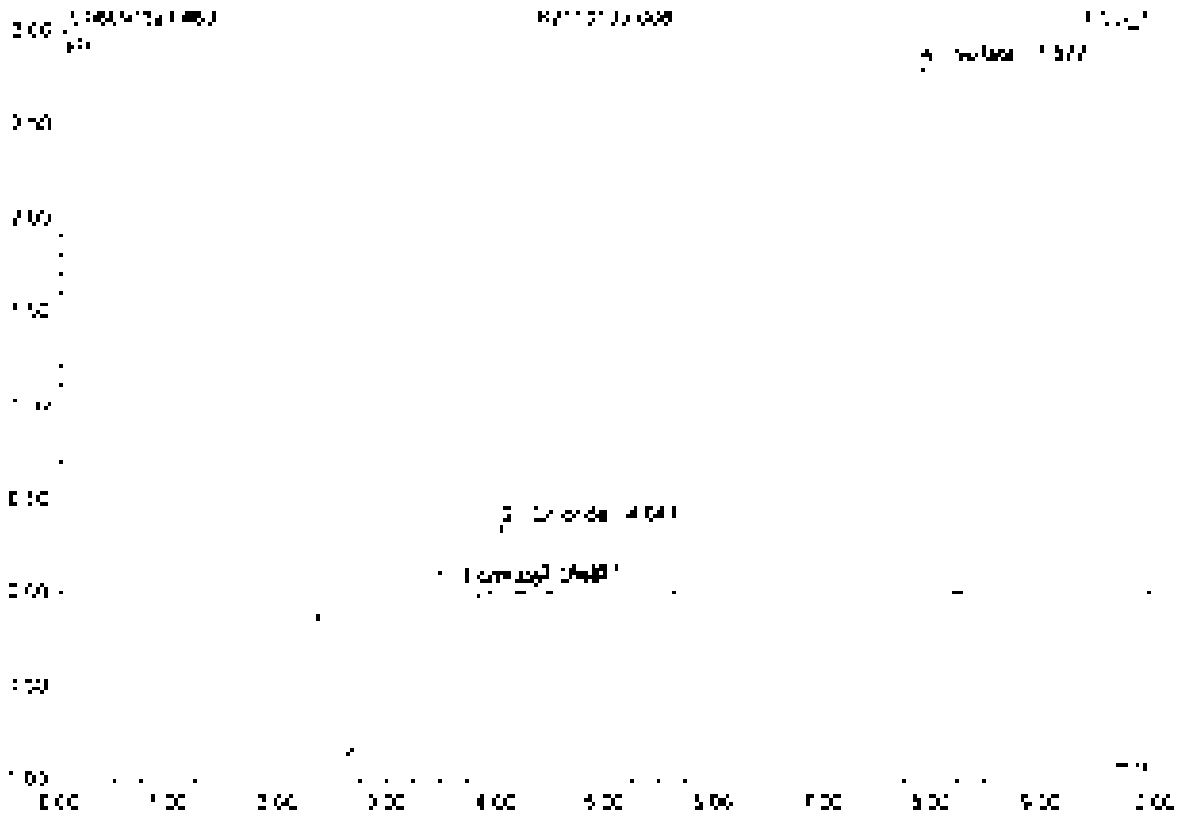
Sample Name	K2110139-007	Injection Volume	25.0
Vial Number	40	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	20.0000
Recording Time	9/15/2021 22:29	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.43	Formate	0.3[illegible]0	0.344	35.74	n.a.	BMB
2	4.35	Chloride	0.176	0.048	5.00	1.949	bMB
3	4.36	n.a.	0.176	0.019	2.00	n.a.	bMB
4	7.52	Sulfate	2.883	0.538	57.41	23.723	bMB
Total:			3.751	0.937	100.00	27.672	

63 K2110139-008

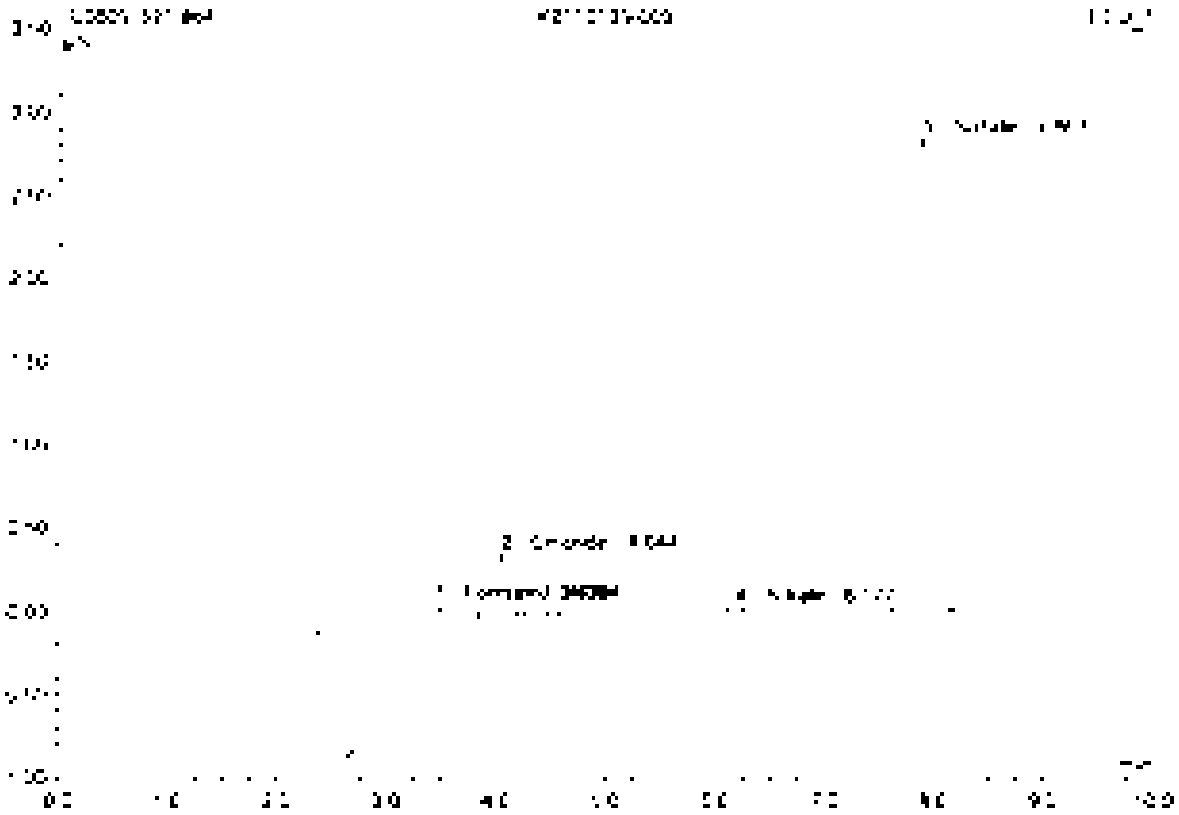
Sample Name	K2110139-008	Injection Volume	25.0
Vial Number	41	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Sampler Program	epa300	Bandwidth	n.a.
Sampler Method	epa300	Dilution Factor	20.0000
Recording Time	9/16/2021 22:41	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	3.43	Fluoride	0.340	0.359	36.50	n.a.	BVB
2	4.05	Chloride	0.365	0.035	3.71	0.736	BVB
3	4.39	n.a.	0.050	0.006	0.63	n.a.	BVB
4	7.85	Sulfate	2.815	0.524	53.16	81.633	BVB
Total:			3.575	0.934	100.00	85.400	

64 K2110138-009

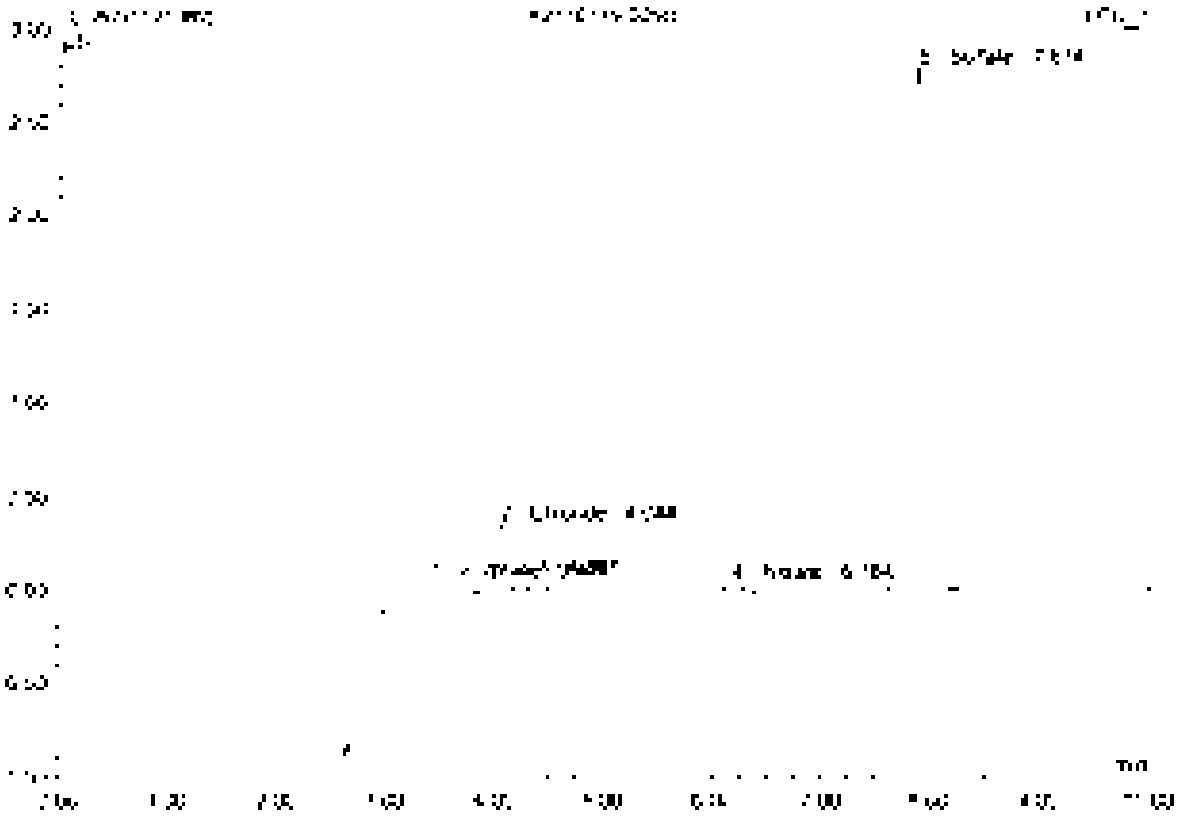
Sample Name	K2110138-009	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Control Enzyme	20.0000
Recording Time	9/15/2021 22:53	Sample Weight	1.0000
Run Time (min)	60.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.42	Formate	[illegible]	[illegible]	39.46	n.a.	BMB
2	4.04	Chloride	[illegible]	[illegible]	3.55	[illegible]	BMB
3	4.38	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
4	6.78	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]	BMB
5	7.27	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

65 K2110139-009D

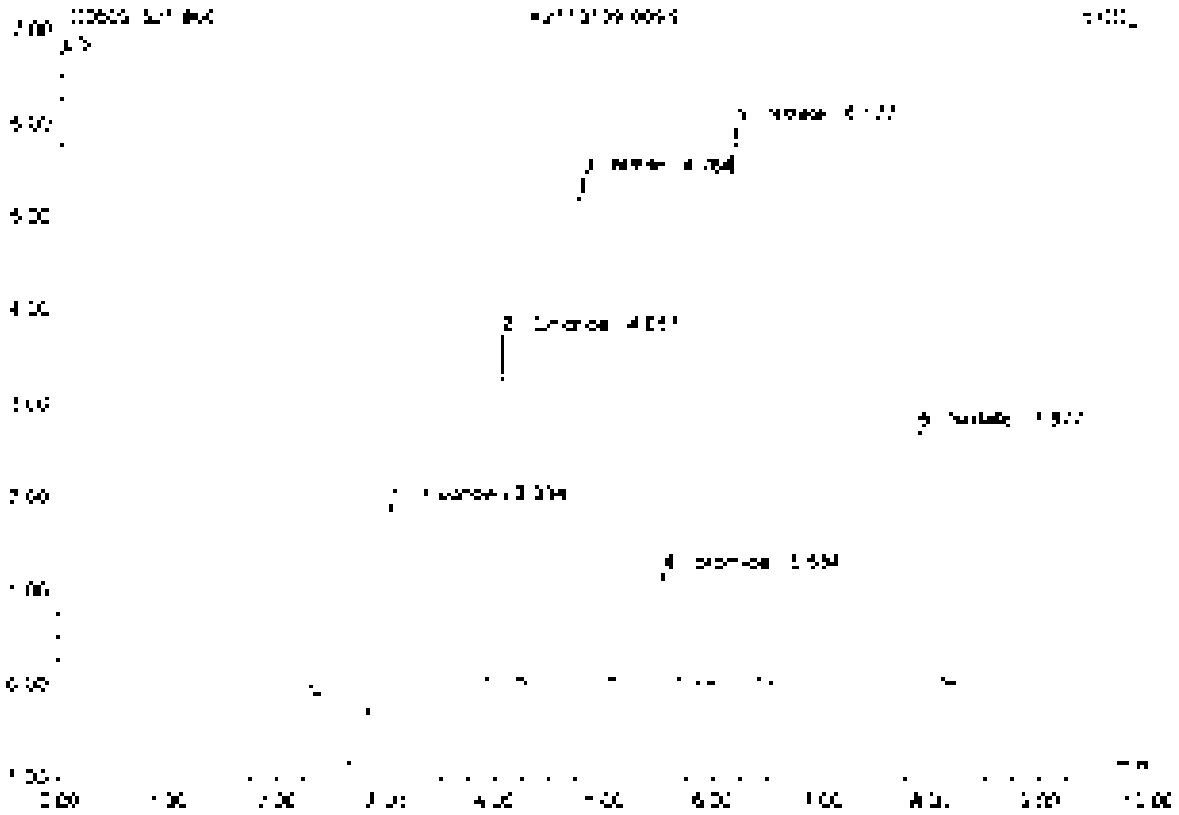
Sample Name	K2110139-009D	Injection Volume	25.0
Vial Number	43	Channel	EGD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	20.0000
Recording Time	[illegible]/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Formate	[illegible]	[illegible]	[illegible]	n.a.	BMB
2	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
3	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	n.a.	unkB
4	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
5	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

66 KZ110139-0095

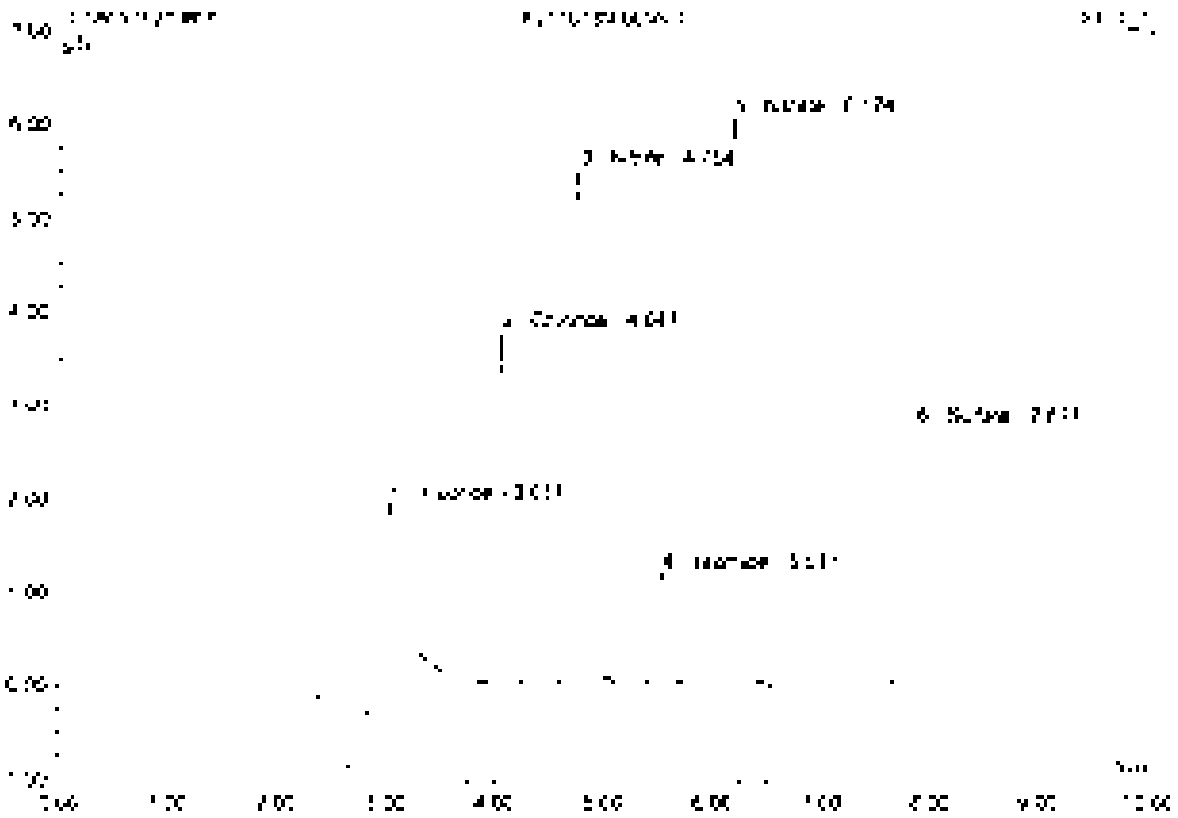
Sample Name	KZ110139-0095	Injection Volume	25.0
Vial Number	44	Column	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Calibrat. Factor	46.0000
Recording Time	9/15/2021 23:16	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	2.172	0.567	18.61	100.500	BMB
2	4.05	Chloride	3.655	0.342	11.13	75.124	BMB
3	4.70	Nitrite	5.382	0.694	22.53	77.737	BMB
4	5.53	Bromide	1.167	0.142	4.62	17.221	BMB
5	6.18	Nitrate	5.960	0.828	26.95	74.534	BMB
6	7.58	Sulfate	2.777	0.507	16.45	157.500	BMB
Total:			21.096	3.082	100.00	563.636	

67 K2110139-008SD

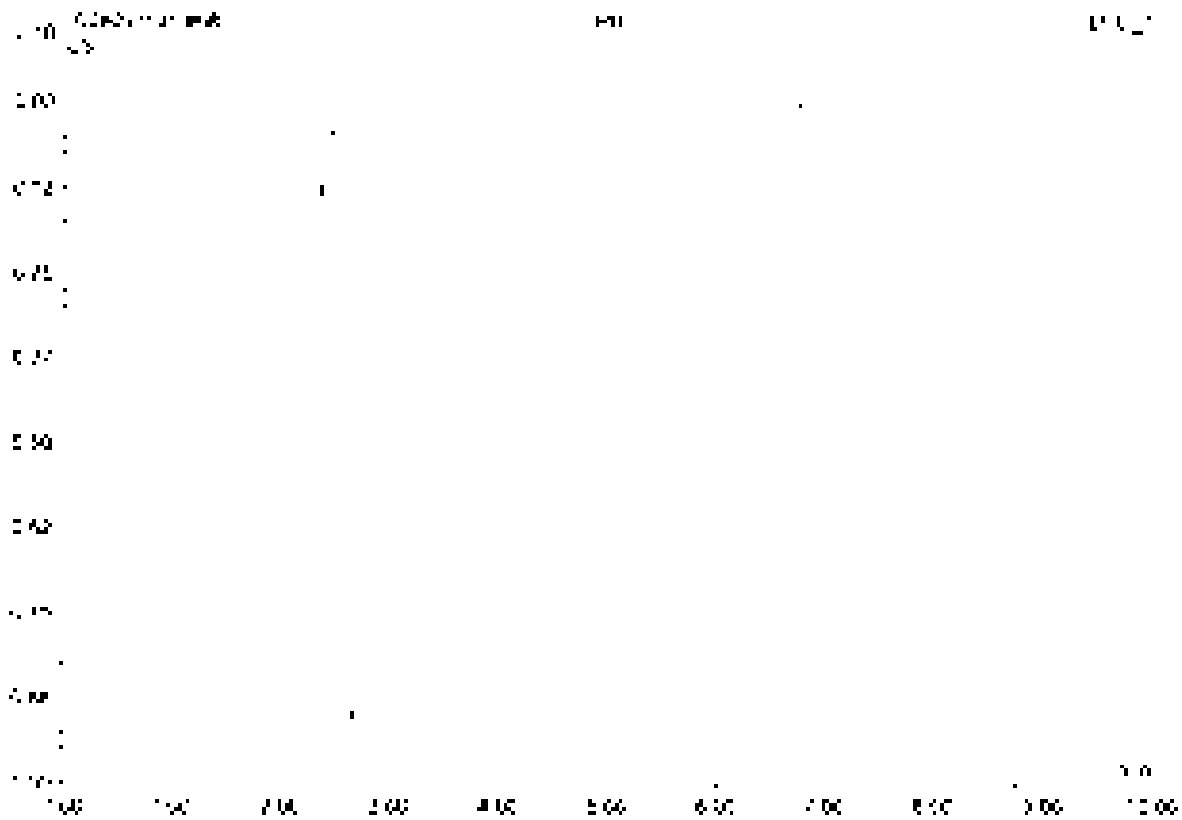
Sample Name	K2110139-008SD	Injection Volume	25.0
Vial Number	45	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	40.0000
Recording Time	9/15/2021 23:27	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.93	Fluoride	2.196	0.532	18.79	101.798	BV5
2	4.05	Chloride	3.750	0.343	11.14	76.339	BMB
3	4.75	Nitrite	5.453	0.706	22.58	79.657	BMB
4	5.52	Bromide	1.178	0.145	4.60	78.351	BMB
5	5.17	Nitrate	6.071	0.840	26.91	76.196	BMB
6	7.87	Sulfate	2.753	0.515	16.46	180.375	BMB
Total:			21.455	3.128	100.00	572.156	

58 RB

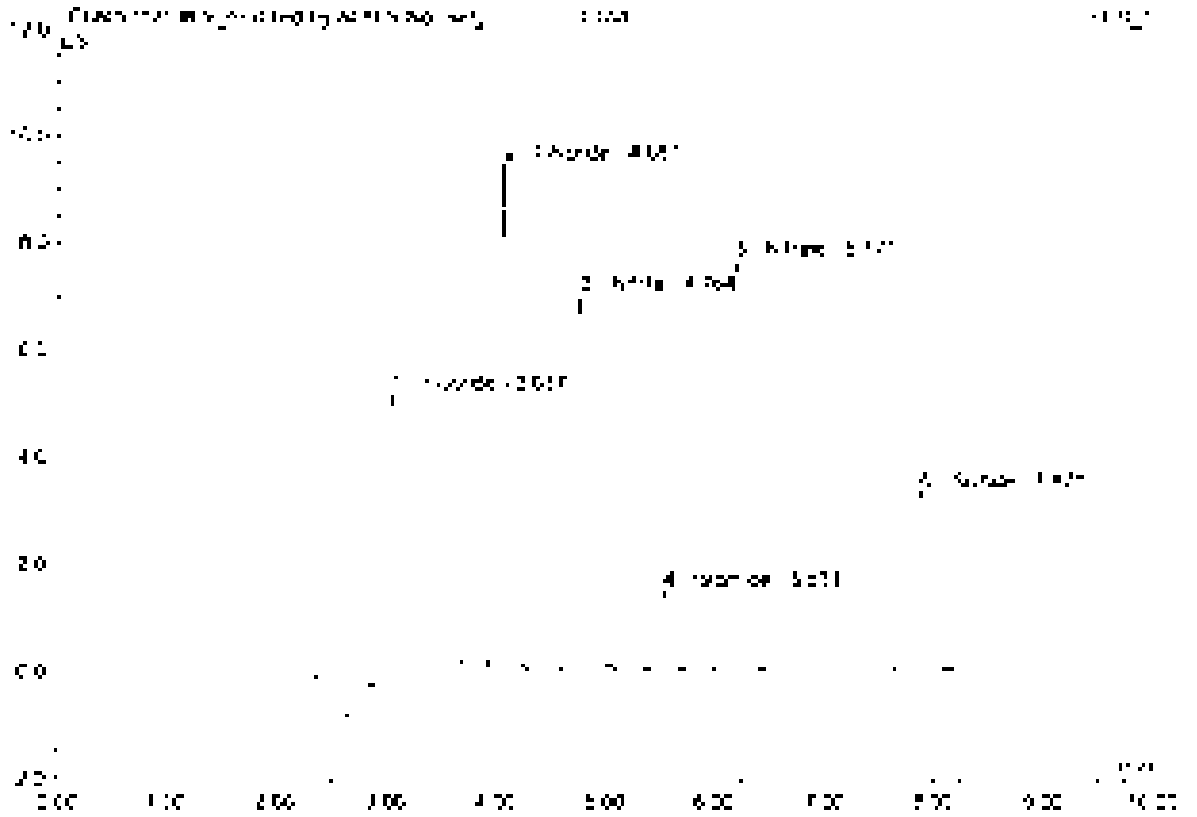
Sample Name	RB	Injection Volume	25.0
Vial Number	58	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Processing Time	[illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

69 CCV6

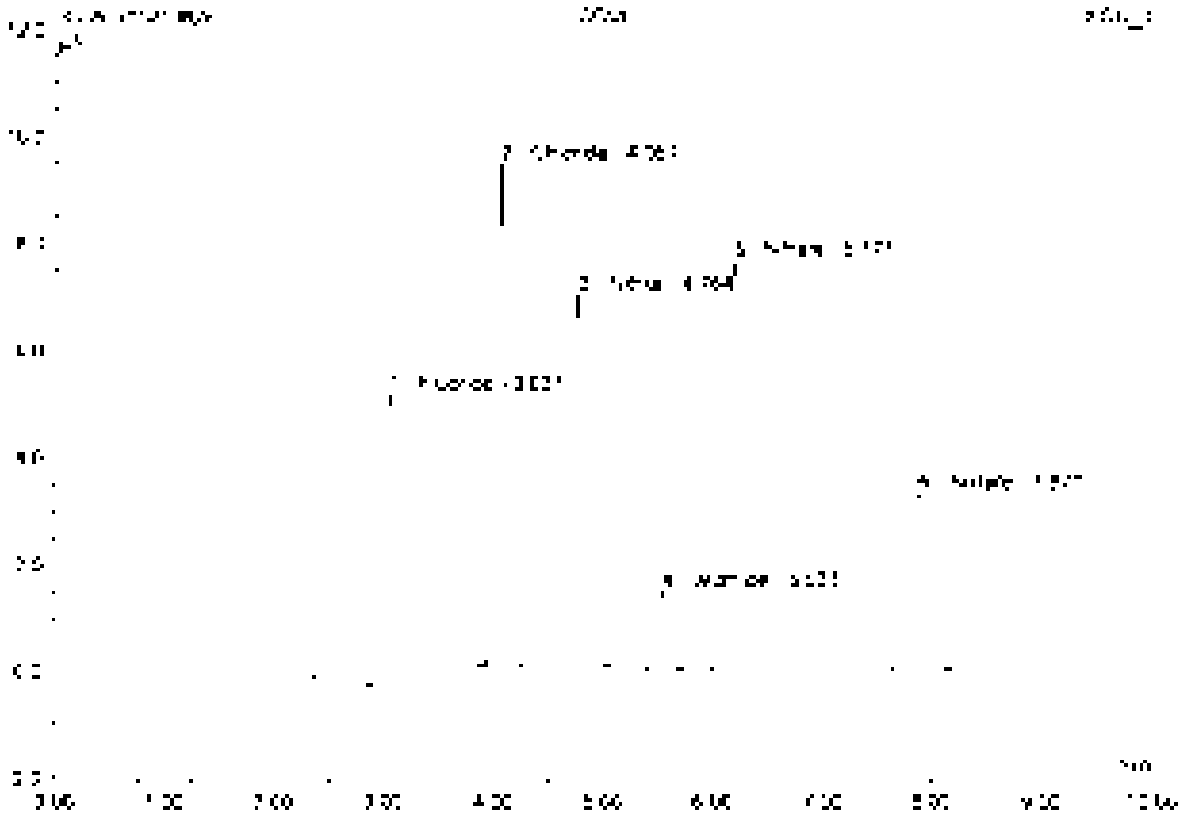
Sample Name	CCV6	Injection Volume	25.0
Vial Number	45	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	9/16/2021 23:01	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.34	Fluoride	5.348	1.160	24.27	5.161	BV B*
2	4.35	Chloride	9.329	0.858	17.95	4.701	BV B*
3	4.76	Nitrite	6.978	0.900	18.82	2.518	BV B
4	5.53	Bromide	1.464	0.179	3.75	2.401	BV B
5	5.17	Nitrate	7.053	1.056	22.10	2.391	BV B
6	7.37	Sulfate	3.334	0.625	13.10	4.877	BV B
Total:			34.467	4.781	100.00	22.081	

69 CCV6

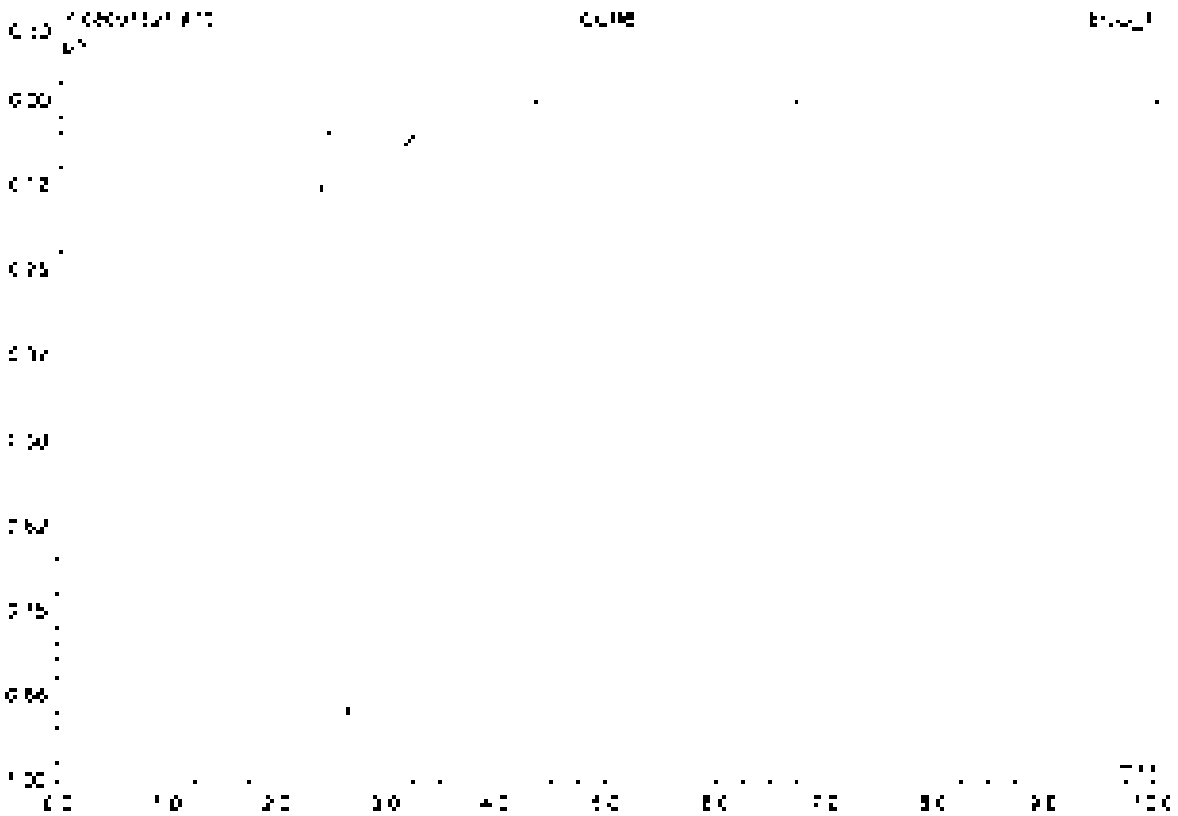
Sample Name	CCV6	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/13/2021 23:51	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.04	Fluoride	5.386	1.249	25.55	5.556	BVb
2	4.05	Chloride	9.389	0.858	17.53	4.701	bVd
3	4.76	Nitrite	6.979	0.900	18.43	2.519	dMb
4	5.53	Bromide	1.464	0.179	3.66	2.491	bMb
5	5.97	Nitrate	7.653	1.056	21.69	2.391	dMb
6	7.87	Sulfate	3.234	0.620	12.67	4.877	dMb
Total			34.205	4.869	100.00	22.475	

70 CCB6

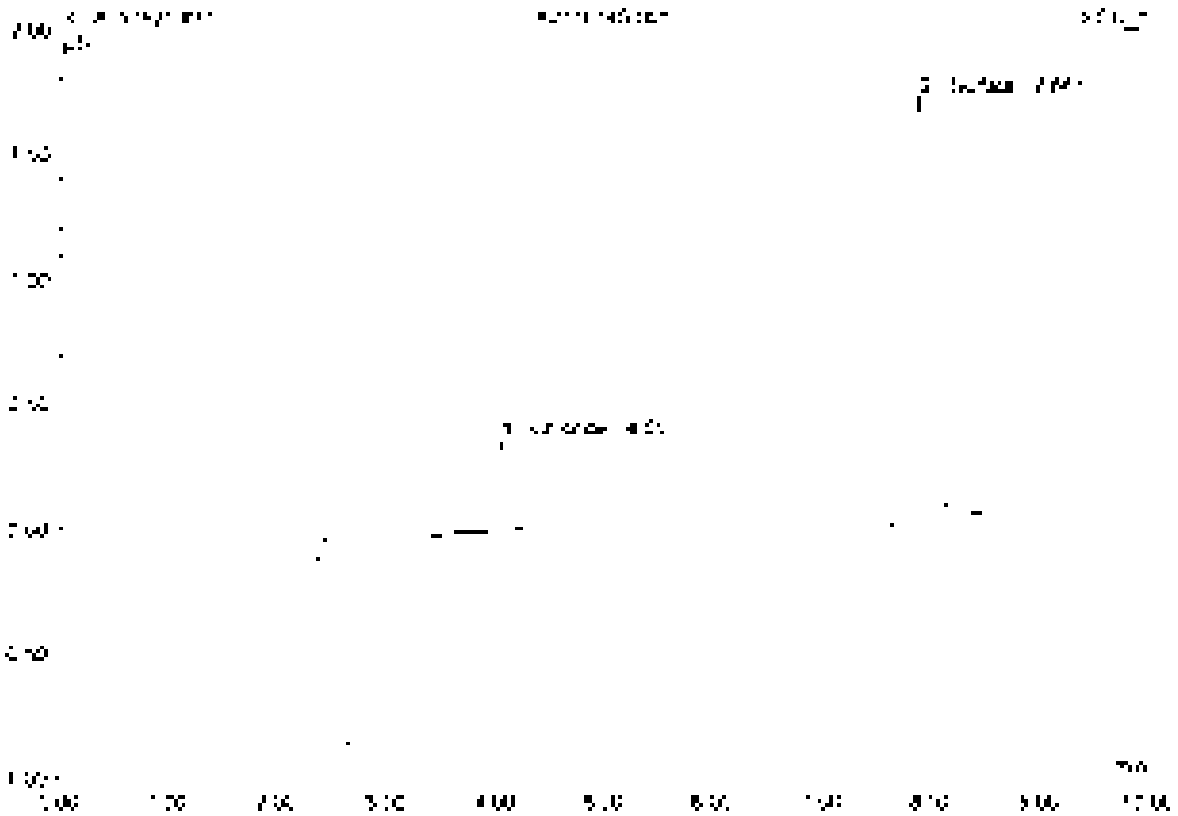
Sample Name	CCB6	Injection Volume	20.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantif. Method	wpa300	Dilution Factor	1.0000
Recording Time	9/16/2021 6:03	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

71 K2110140-001

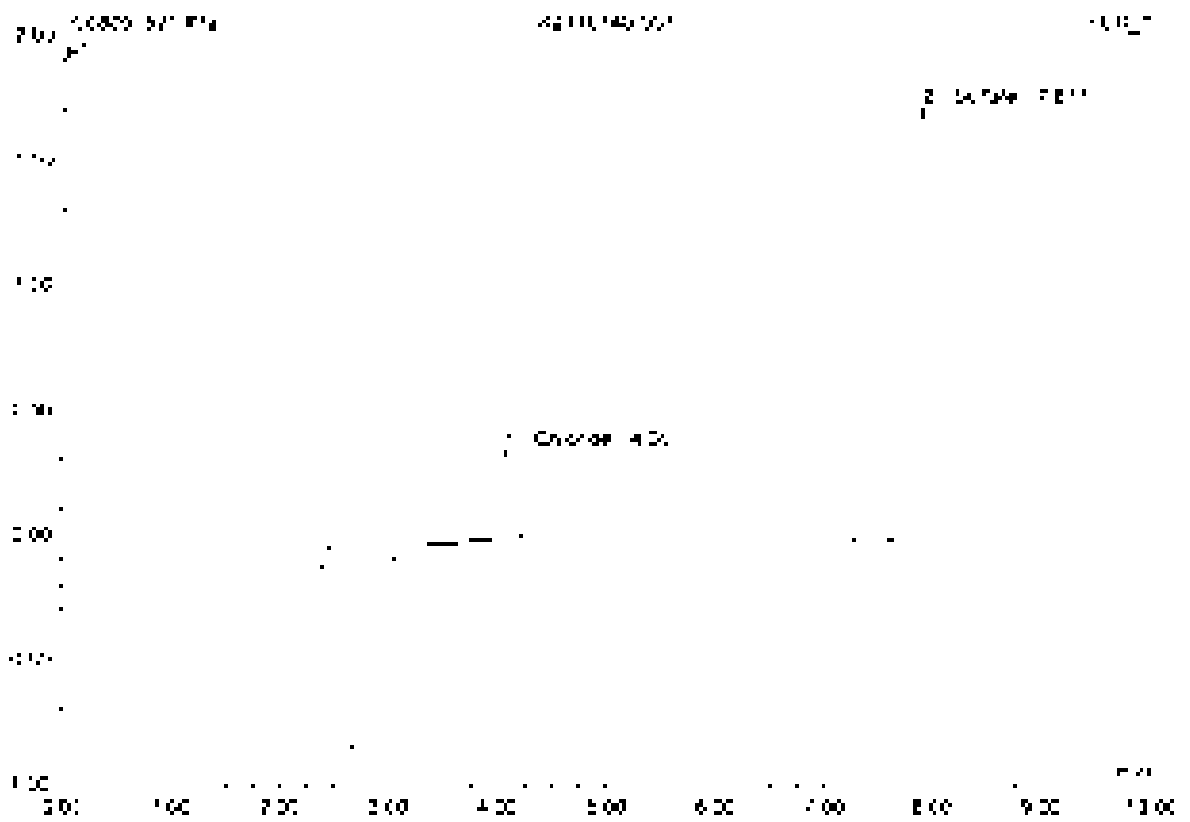
Sample Name	K2110140-001	Injection Volume	25.0
Vial Number	3	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant Method	wpa300	Dilution Factor	20.0000
Recording Time	8/16/2021 0:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.304	0.038	10.34	4.147	BMB
2	7.85	Sulfate	1.668	0.328	89.66	51.132	BMB
Total:			2.(65)	0.366	100.00	55.278	

72 K2110140-003

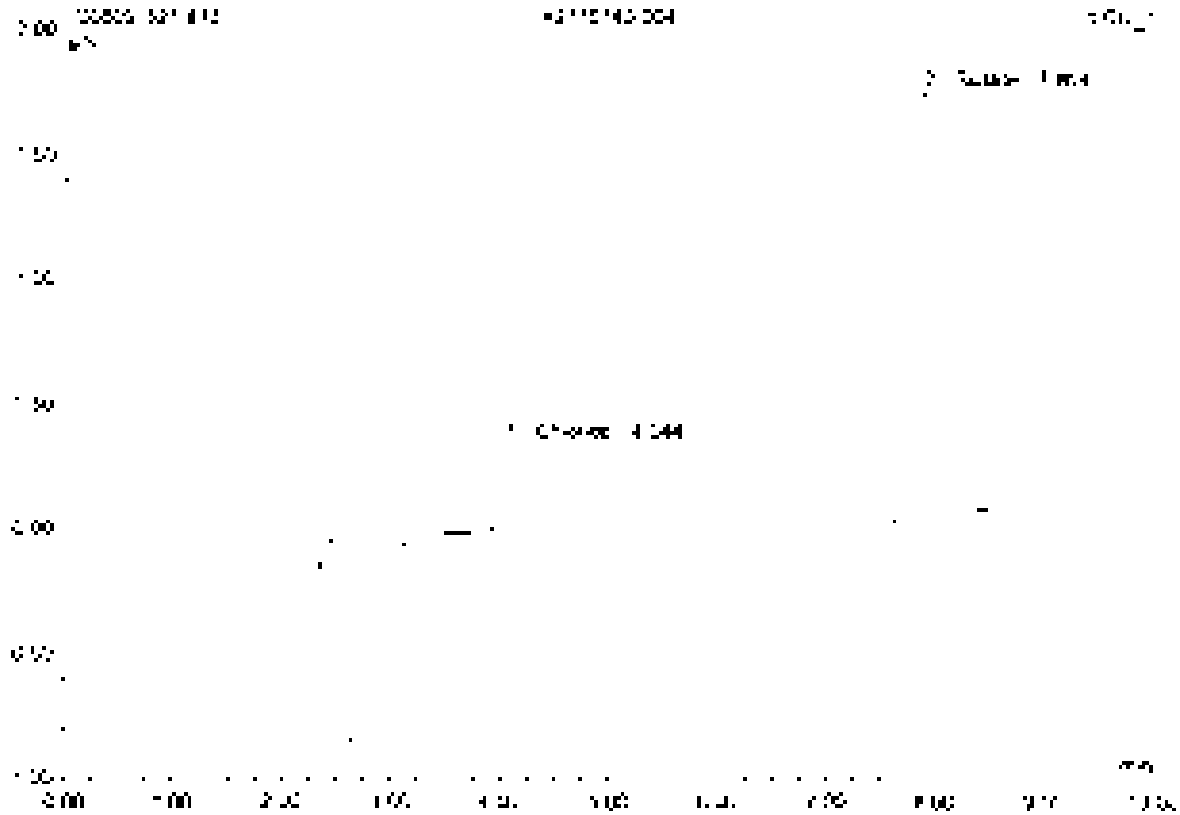
Sample Name	K2110140-003	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	20.0000
Recording Time	9/16/2021 0:27	Sample Weight	1.0000
Run Time (max.)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.35	Chlorate	0.257	0.038	10.23	4.173	BMB
2	7.58	Sulfate	1.714	0.334	89.77	57.040	BMB
Total:			2.071	0.372	100.00	56.213	

73 K2110140-004

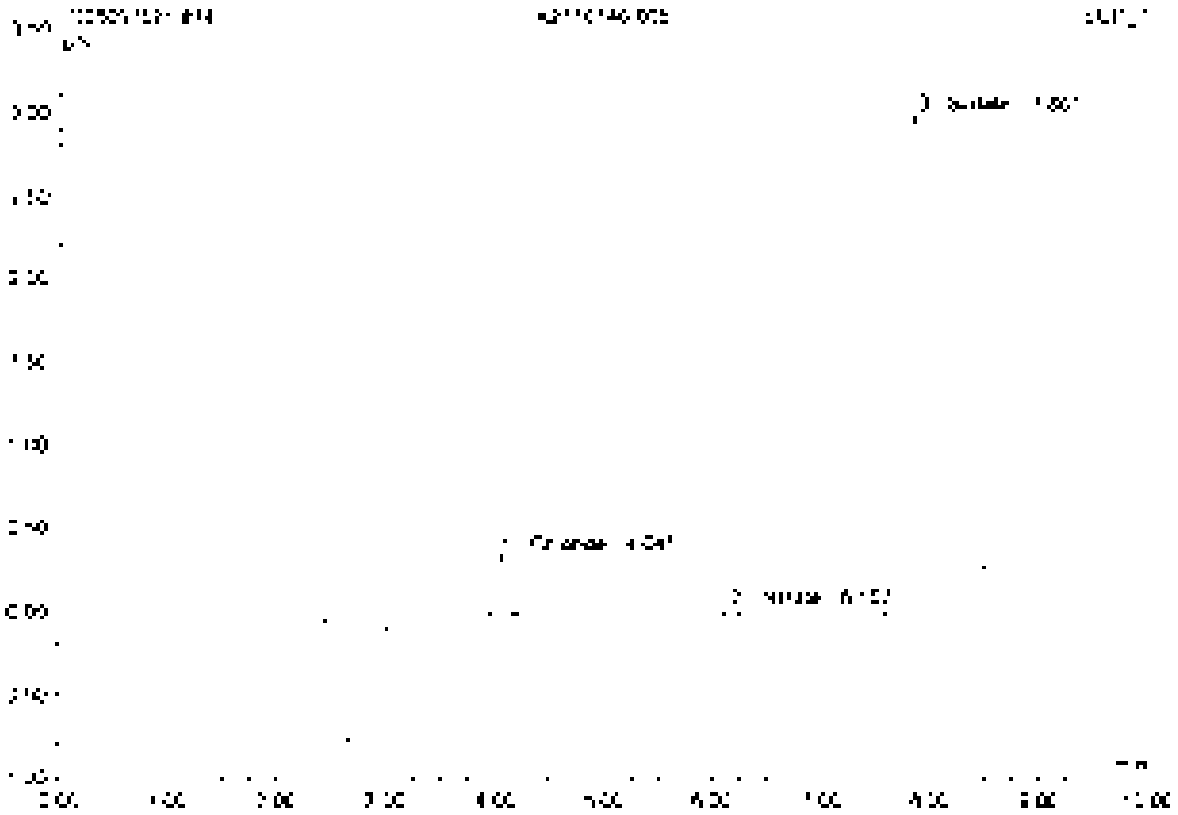
Sample Name	K2110140-004	Injection Volume	25.0
Vial Number	3	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Column Temp	20.0000
Recording Time	9/15/2021 6:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	0.052	0.027	9.94	4.661	BMB
2	7.66	Sulfate	1.718	0.305	90.06	52.109	BMB
Total:			2.070	0.337	100.00	56.770	

74 K2110140-005

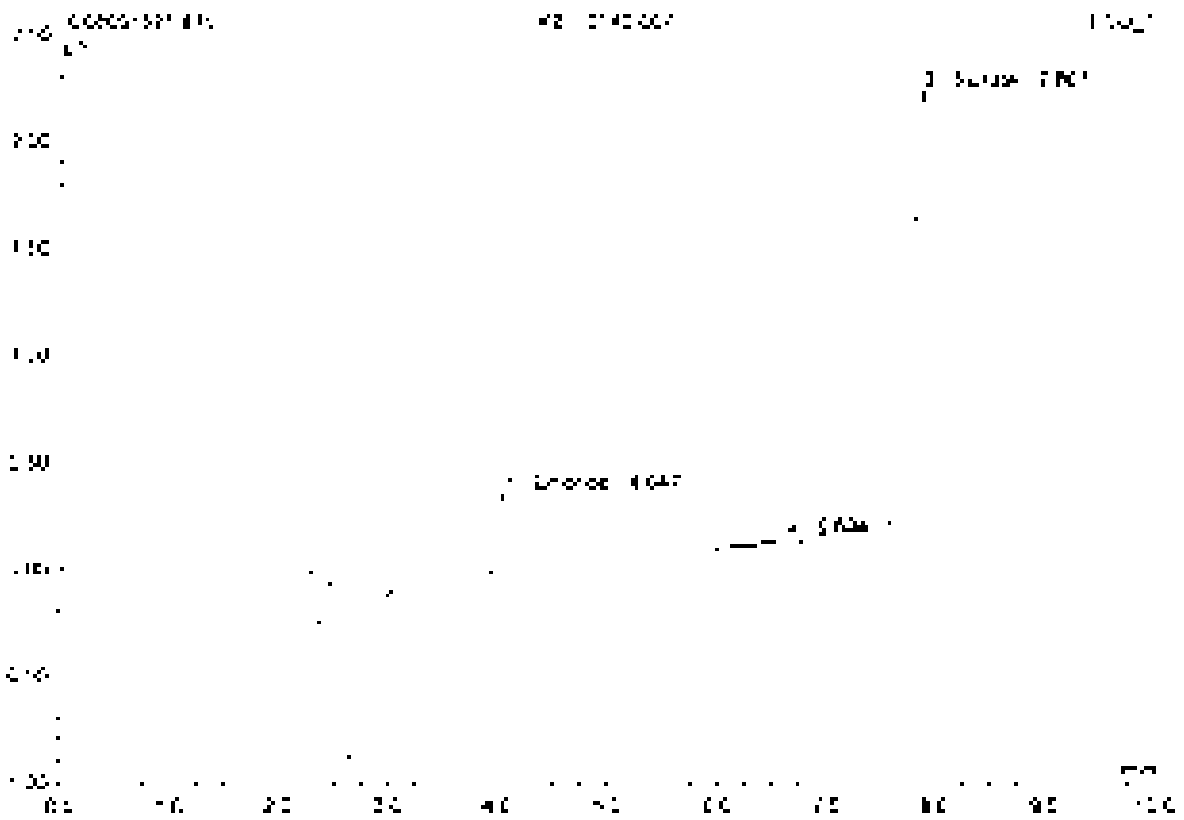
Sample Name	K2110140-005	Injection Volume	25.0
Vial Number	4	Column	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Flow rate	n.a.
Quantif. Method	epa300	Dilution Factor	20.0000
Recording Time	9/16/2021 6:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.94	Chloride	0.362	0.034	6.20	0.745	BMB
2	6.17	Nitrate	0.045	0.006	0.99	0.294	BMB
3	7.86	Sulfate	2.916	0.616	92.81	35.920	BMB
Total:			3.323	0.657	100.00	36.959	

75 K2110140-007

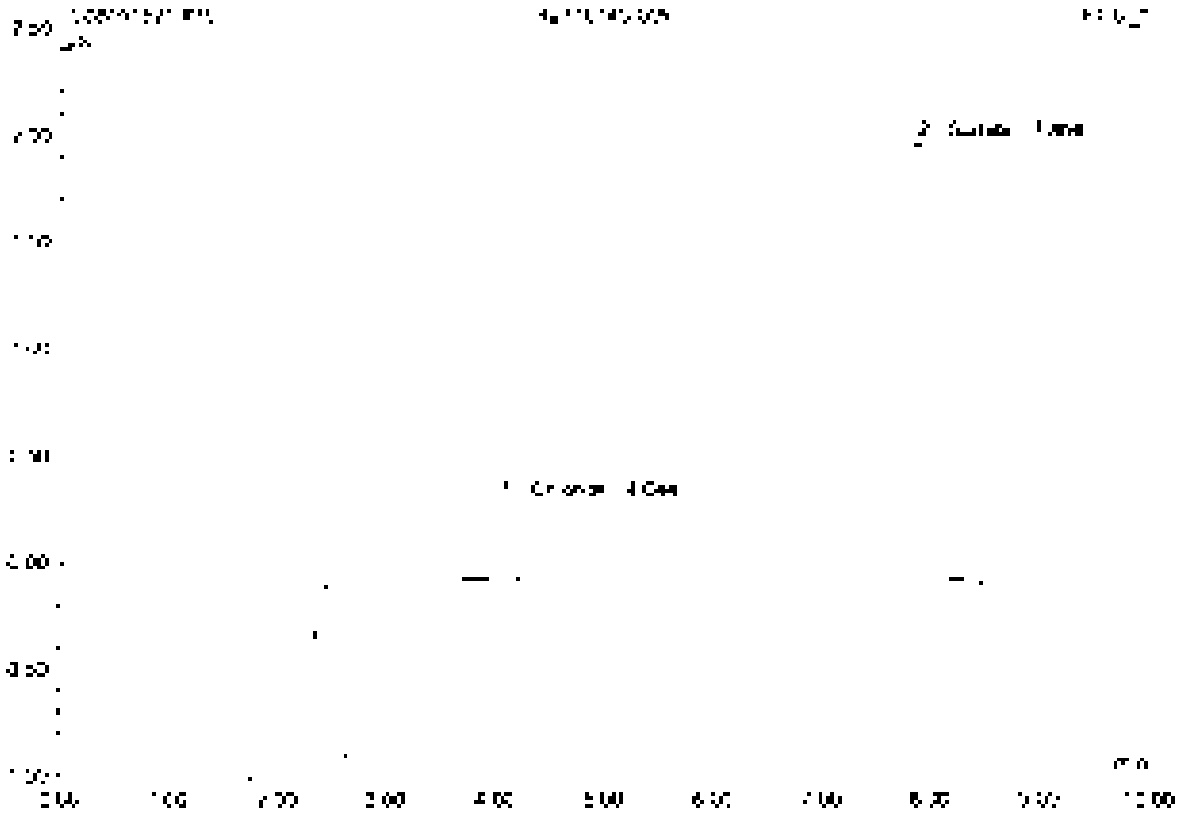
Sample Name	K2110140-007	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Output Method	apa300	Dilution Factor	20.0000
Recording Time	9/16/2021 1:02	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.35	Chloride	0.368	0.036	8.12	3.507	BMB
2	6.63	n.a.	0.078	0.006	1.44	n.a.	BMB
3	7.87	Sulfate	2.005	0.391	90.36	61.262	BMB
Total:			2.455	0.433	100.00	64.769	

T6 K2110140-009

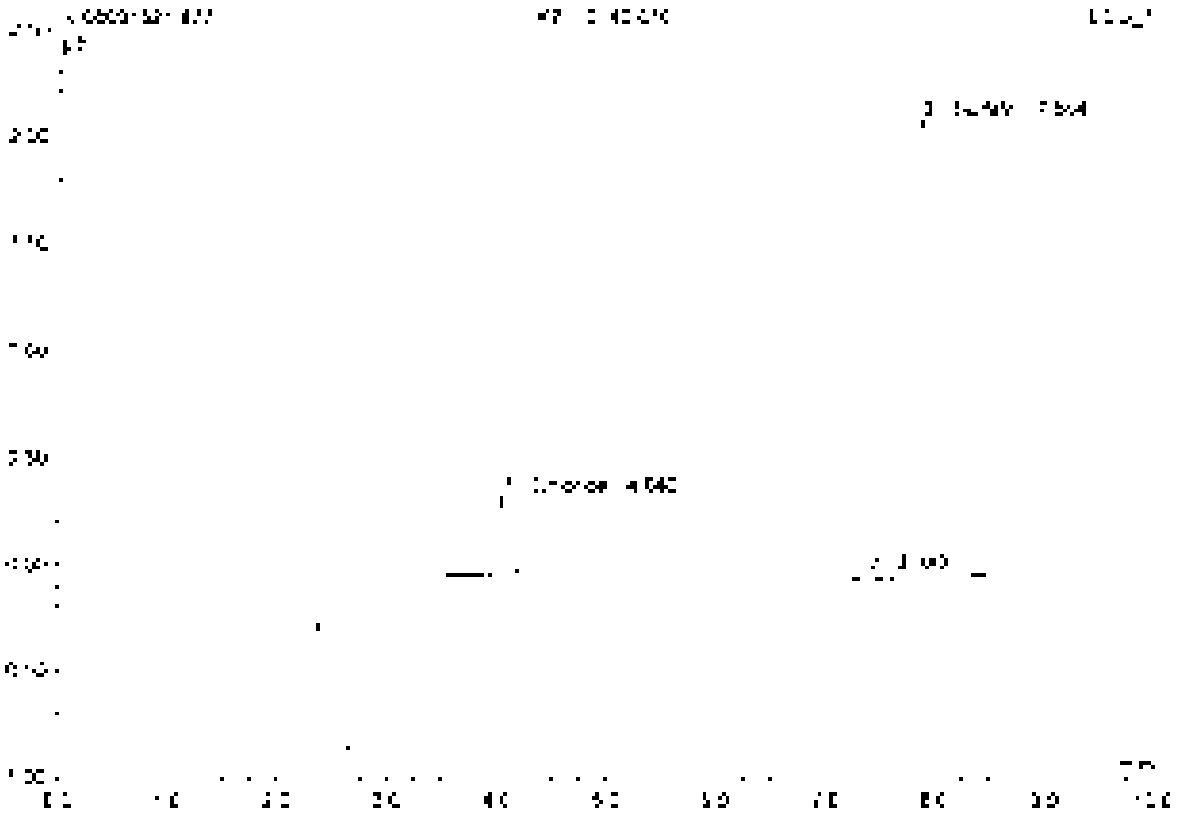
Sample Name	K2110140-009	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Remark	n.a.
Quant. Method	spa300	Dilution Factor	20.0000
Recording Time	9/16/2021 1:14	Sample Weight	1.0000
Run Time (max.)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Relative %	Amount	Type
1	4.04	Chlorate	0.368	0.032	0.02	4.136	BMB
2	7.96	Sulfate	2.048	0.381	50.98	59.274	BMB
Total:			2.416	0.418	100.00	63.410	

77 K2110140-010

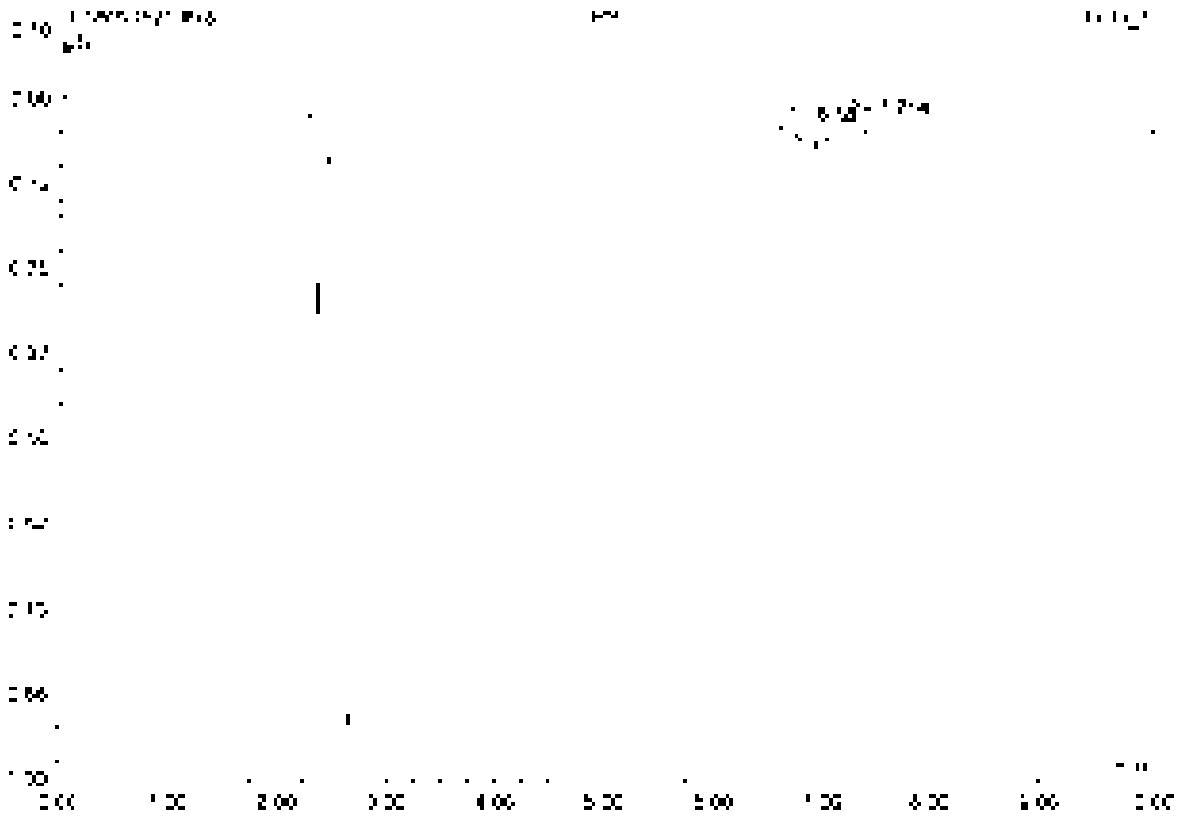
Sample Name	K2110140-010	Injection Volume	25.0
Vial Number	9	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantif. Method	wpa300	Dilution Factor	20.0000
Recording Time	9/14/2021 1:24	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	0.365	0.037	8.09	6.016	BMB
2	7.36	n.a.	0.028	0.007	1.44	n.a.	BMB
3	7.56	Sulfate	2.144	0.410	90.47	63.833	BMB
Total:			2.536	0.453	100.00	67.849	

78 RB

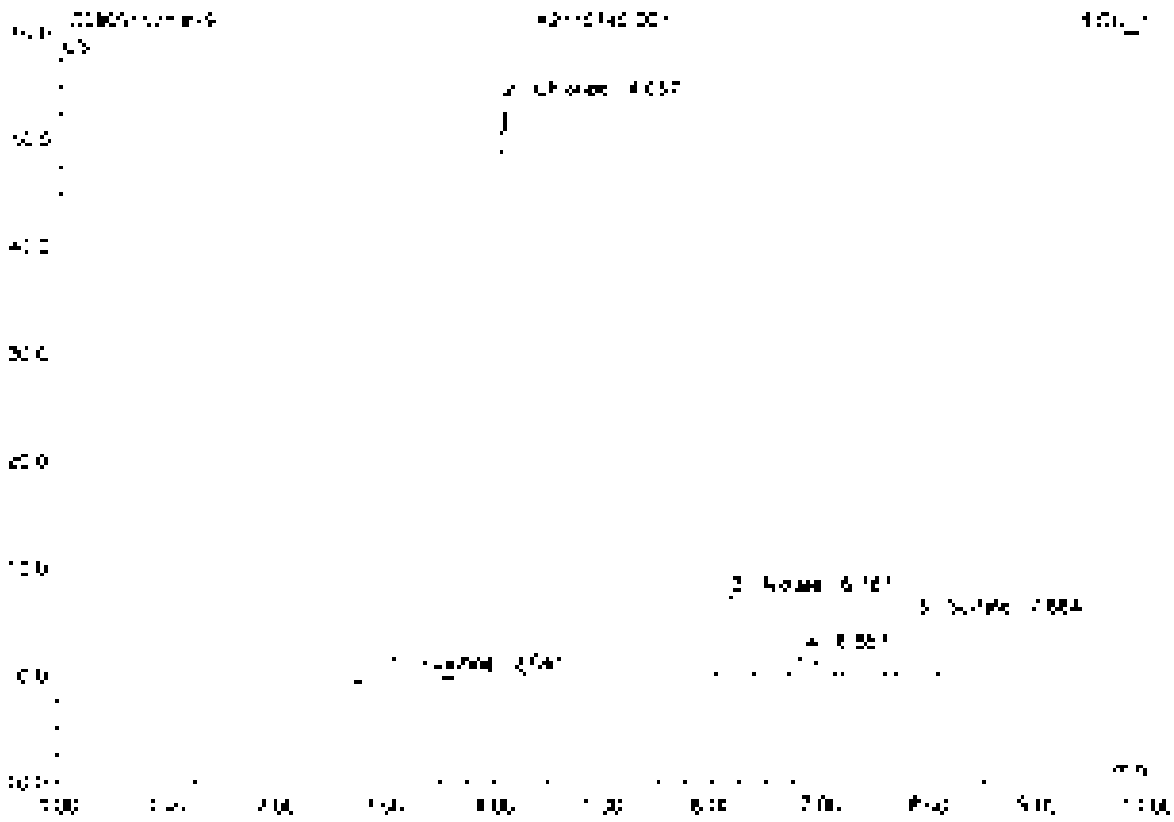
Sample Name	RB	Injection Volume	25.0
Vial Number	55	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/18/2021 1:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	6.56	n.a.	0.060	1.751	99.69	n.a.	BMB
2	7.21	n.a.	0.026	0.006	0.31	n.a.	BMB
Total:			0.100	1.757	100.00	0.000	

79 K2110740-001

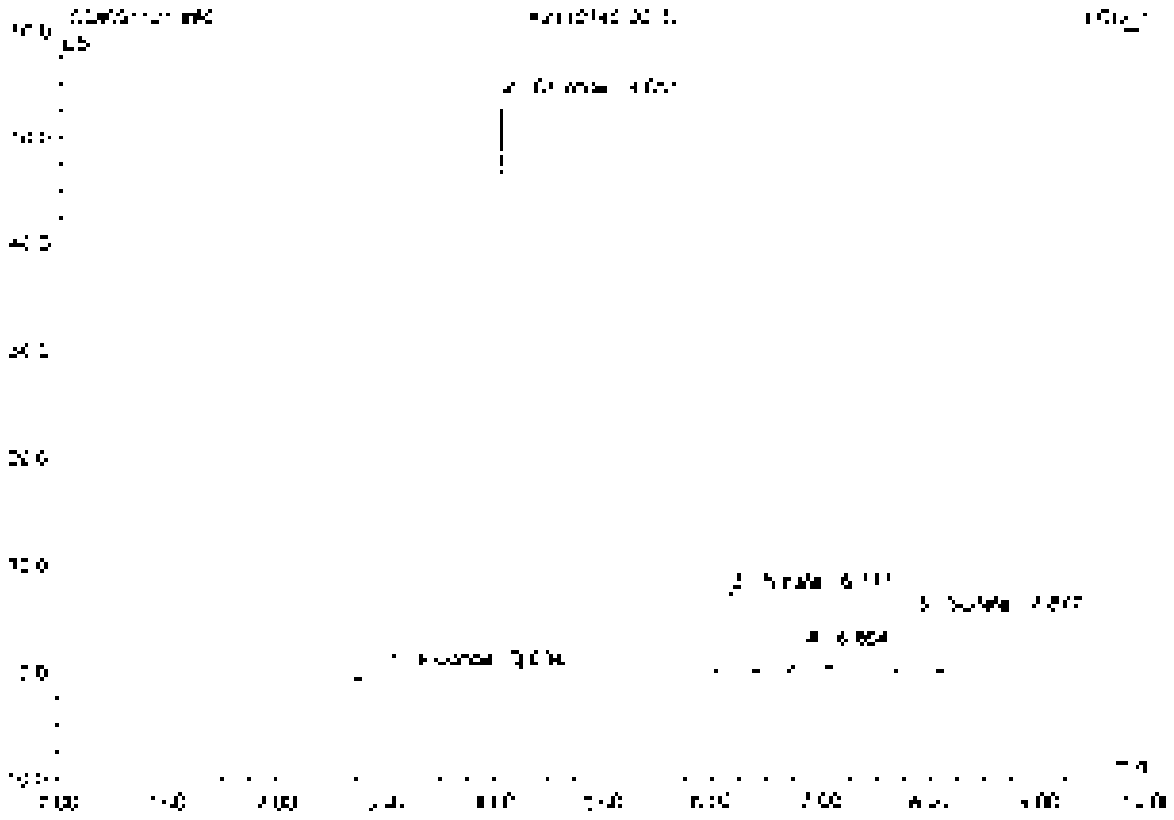
Sample Name	K2110740-001	Injection Volume	25.0
Vial Number	19	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	9/16/2021 1:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	0.634	0.368	0.57	3.258	BMB
2	4.06	Chloride	53.621	4.746	63.66	51.588	bVU
3	5.15	Nitrate	7.406	1.059	14.05	4.793	BMB
4	5.97	n.a.	2.000	0.384	5.10	n.a.	BMB
5	7.58	Sulfate	5.394	0.967	12.86	15.061	BMB
Total:			69.035	7.522	100.00	75.701	

50 K2110740-001D

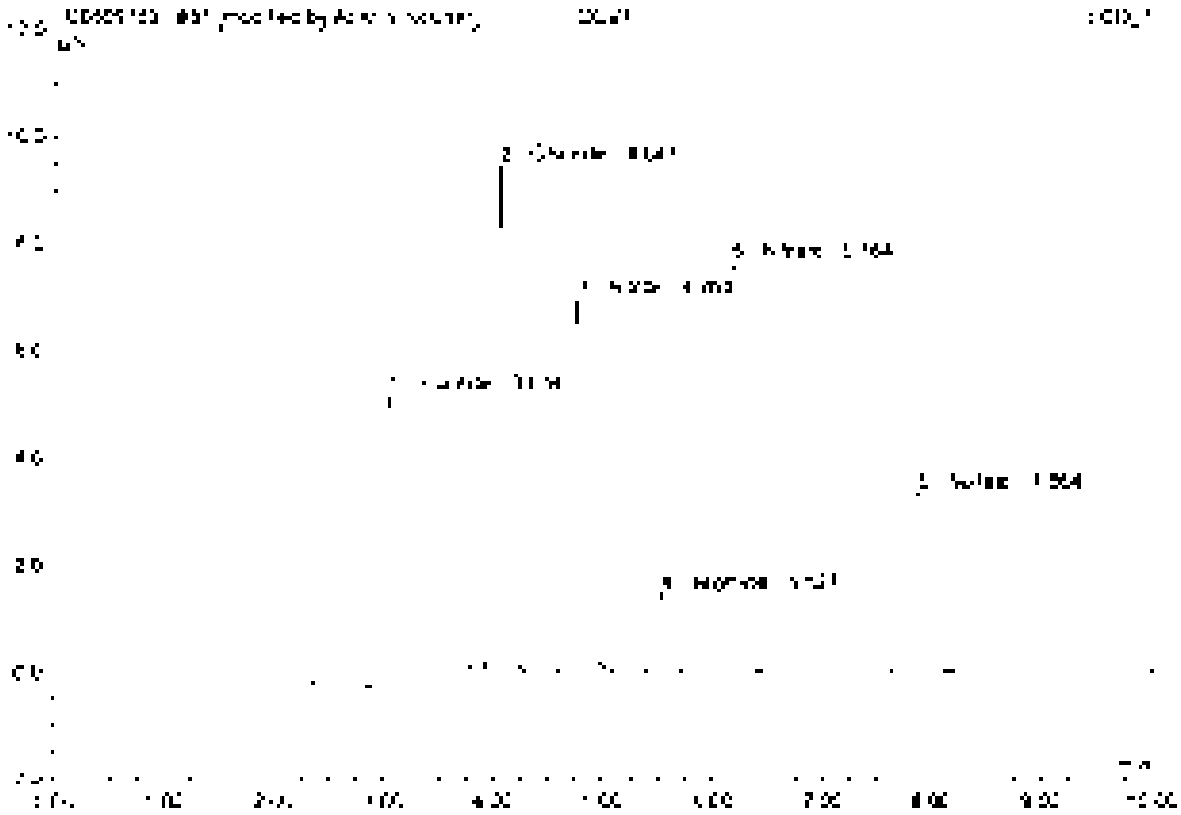
Sample Name	K2110740-001D	Injection Volume	25.0
Vial Number	11	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	9/10/2021 2:02	Sample Weight	1.0000
Run Temperature	40.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.33	Fluoride	0.636	0.360	4.87	0.254	BMB
2	4.35	Chloride	53.446	4.734	63.05	51.919	BMB
3	6.18	Nitrate	7.390	1.056	14.05	4.775	BMB
4	5.96	n.a.	2.025	0.388	5.16	n.a.	BMB
5	7.88	Sulfate	5.340	0.965	12.85	15.017	BMB
Total:			58.849	7.507	100.00	74.965	

#1 CCV7

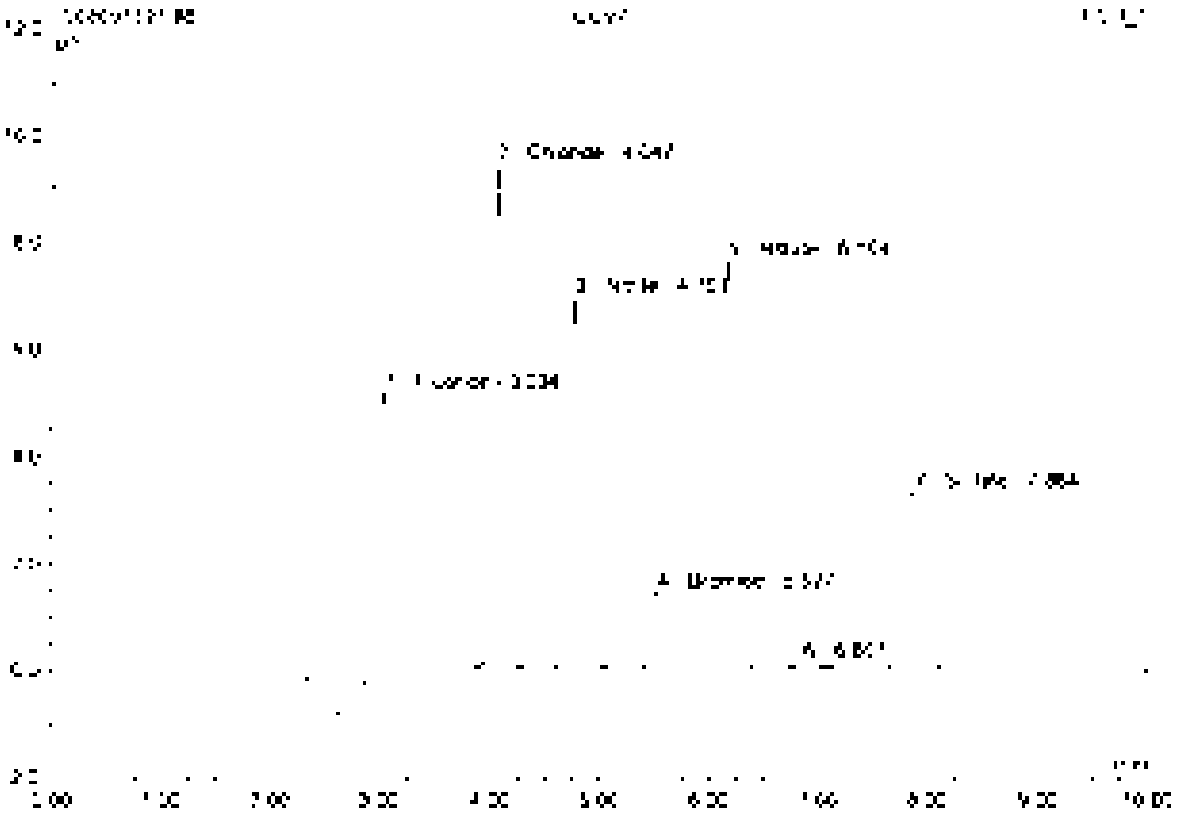
Sample Name	CCV7	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Calibration Factor	1.0000
Processing Time	9/15/2021 2:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	5.352	1.234	24.98	5.256	BMB*
2	4.05	Chloride	9.464	0.960	17.83	4.709	BMB*
3	4.76	Nitrite	6.249	0.934	18.55	2.504	BMB
4	5.53	Bromide	4.464	0.179	3.71	2.423	BMB
5	6.15	Nitrate	7.062	1.054	21.87	2.385	BMB
6	7.86	Sulfate	3.345	0.630	13.06	4.903	BMB
Total:			34.207	4.821	100.00	22.260	

81 CCV7

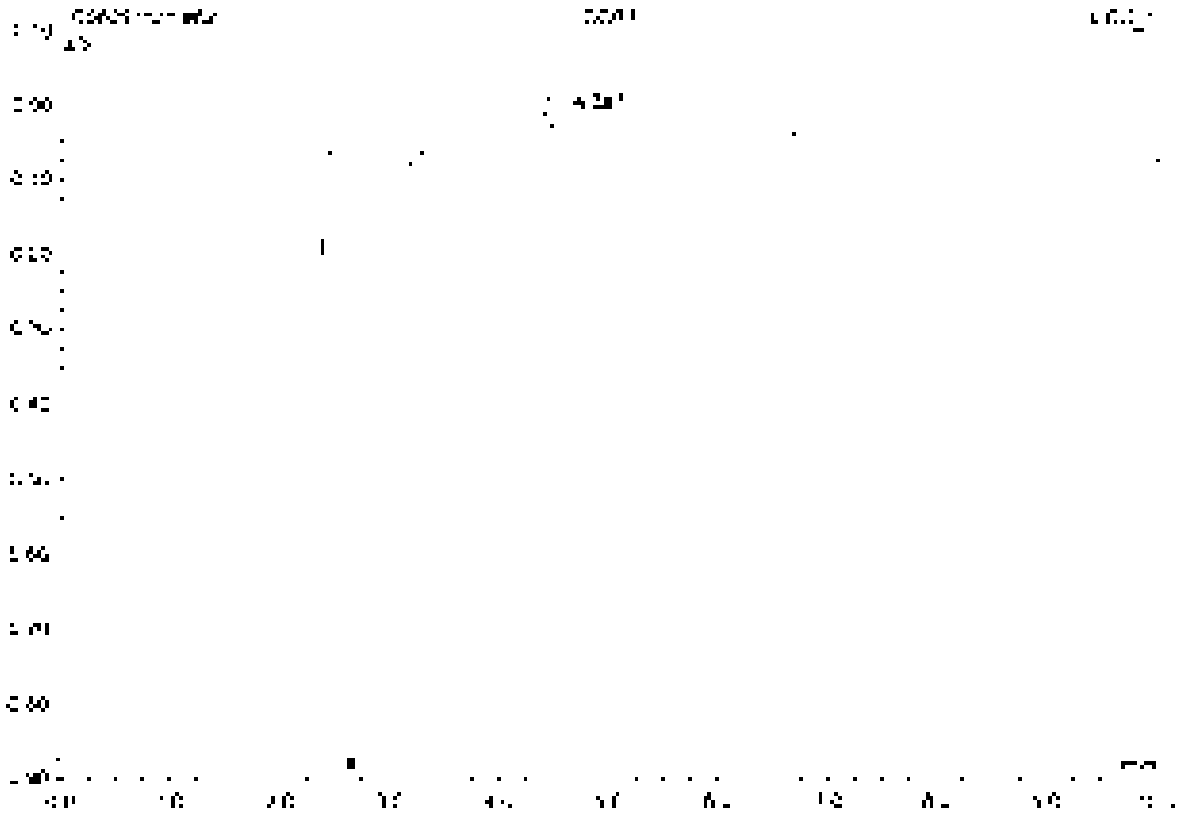
Sample Name	CCV7	Injection Volume	35.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	9/16/2021 2:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.93	Fluoride	5.406	1.250	25.50	5.560	BMb
2	4.05	Chloride	9.404	0.860	17.54	4.709	bVB
3	4.70	Nitrite	6.949	0.894	18.23	2.504	BVU
4	5.51	Bromide	1.464	0.179	3.65	2.429	bVU
5	6.16	Nitrate	7.862	1.054	21.51	2.365	BVB
6	6.87	n.a.	0.138	0.035	0.71	n.a.	BVB
7	7.86	Sulfate	3.345	0.630	12.85	4.903	BVB
Total:			34.363	4.901	100.00	22.494	

52 CCB7

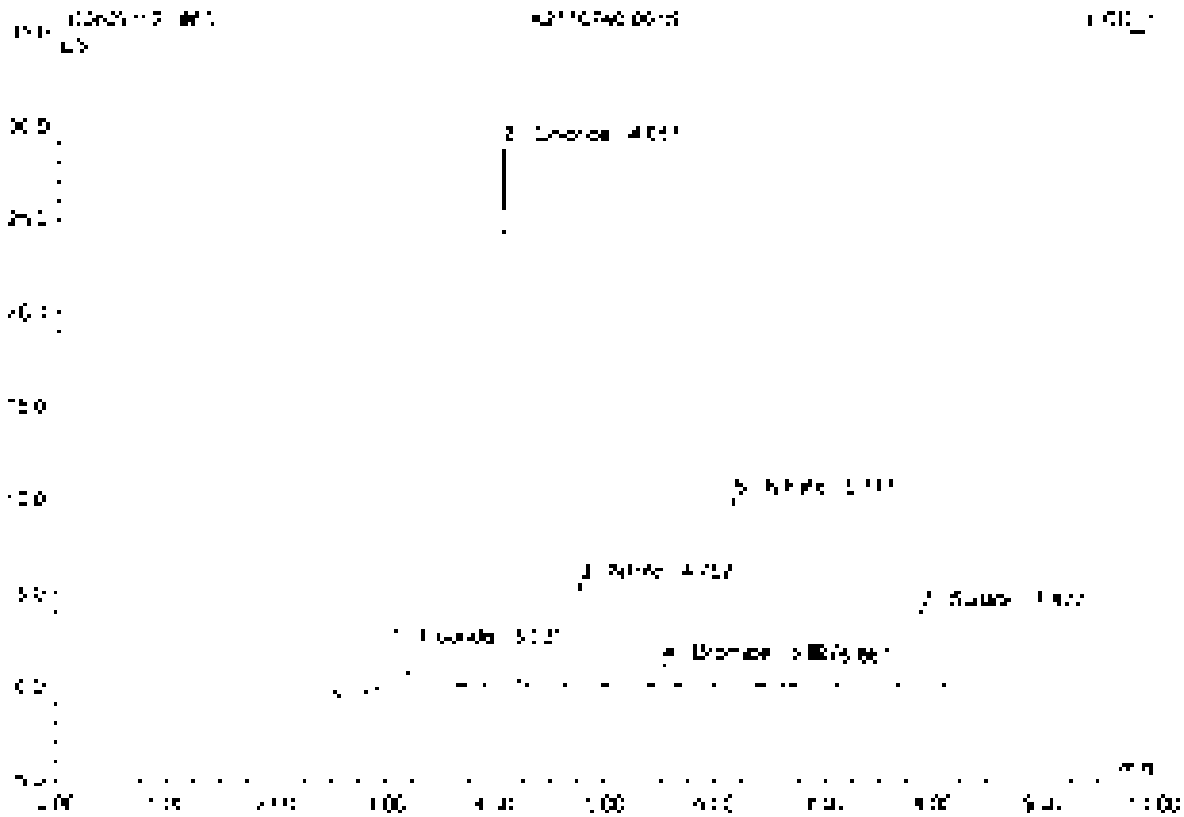
Sample Name	CCB7	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Analysing Time	5/15/2021 2:26	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.34	n.a.	0.685	3.021	100.00	n.a.	BMB
Total			0.685	3.021	100.00	0.000	

83 K2110740-001S

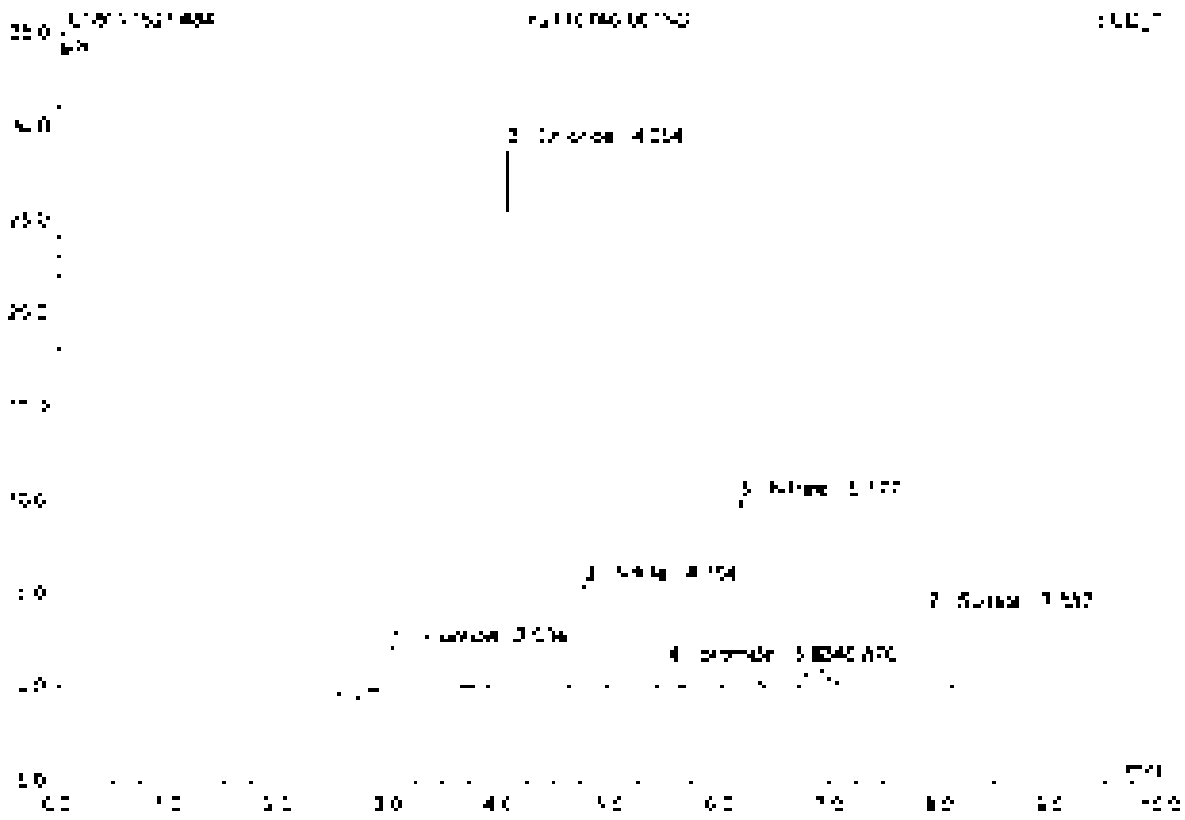
Sample Name	K2110740-001S	Injection Volume	25.0
Vial Number	13	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spe300	Bandwidth	n.a.
Quant. Method	spe300	Dilution Factor	1.0000
Recording Time	9/16/2021 2:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.33	Fluoride	2.327	0.587	9.25	10.450	BMB
2	4.05	Chloride	28.655	2.540	40.53	50.382	BMB
3	4.76	Nitrite	5.571	0.709	11.19	7.942	BMB
4	5.53	Bromide	1.181	0.146	2.30	7.522	BMB
5	6.17	Nitrate	10.033	1.461	22.07	12.585	BMB
6	6.86	Phosphate	1.012	0.205	3.23	n.a.	BMB
7	7.88	Sulfate	2.980	0.726	11.44	22.616	BMB
Total:			52.500	6.340	100.00	117.507	

84 K2110740-001SD

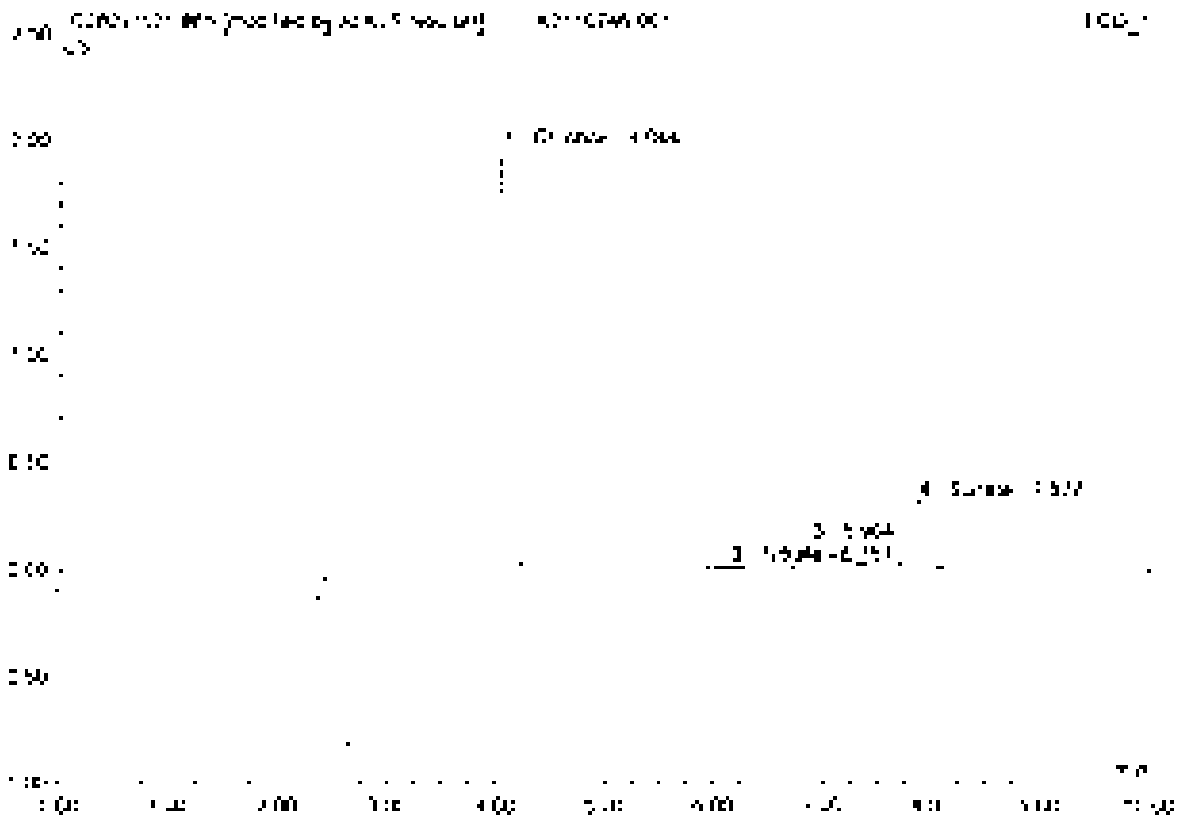
Sample Name	K2110740-001SD	Injection Volume	25.0
Vial Number	13	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	4.0000
Recording Time	5/18/2021 2:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.03	Fluoride	2.942	0.561	9.79	10.512	BMB
2	4.05	Chloride	28.800	2.575	44.98	55.427	BMB
3	4.70	Nitrite	5.505	0.710	12.40	7.954	BMB
4	5.55	Bromide	1.778	0.145	2.53	7.835	BMB
5	5.13	Nitrate	13.075	1.402	24.48	12.690	BMB
6	5.97	n.a.	1.046	0.191	3.33	n.a.	BMB
7	7.89	Sulfate	3.676	0.727	12.69	22.676	BMB
Total:			52.865	5.731	100.00	118.088	

85 K2110746-001

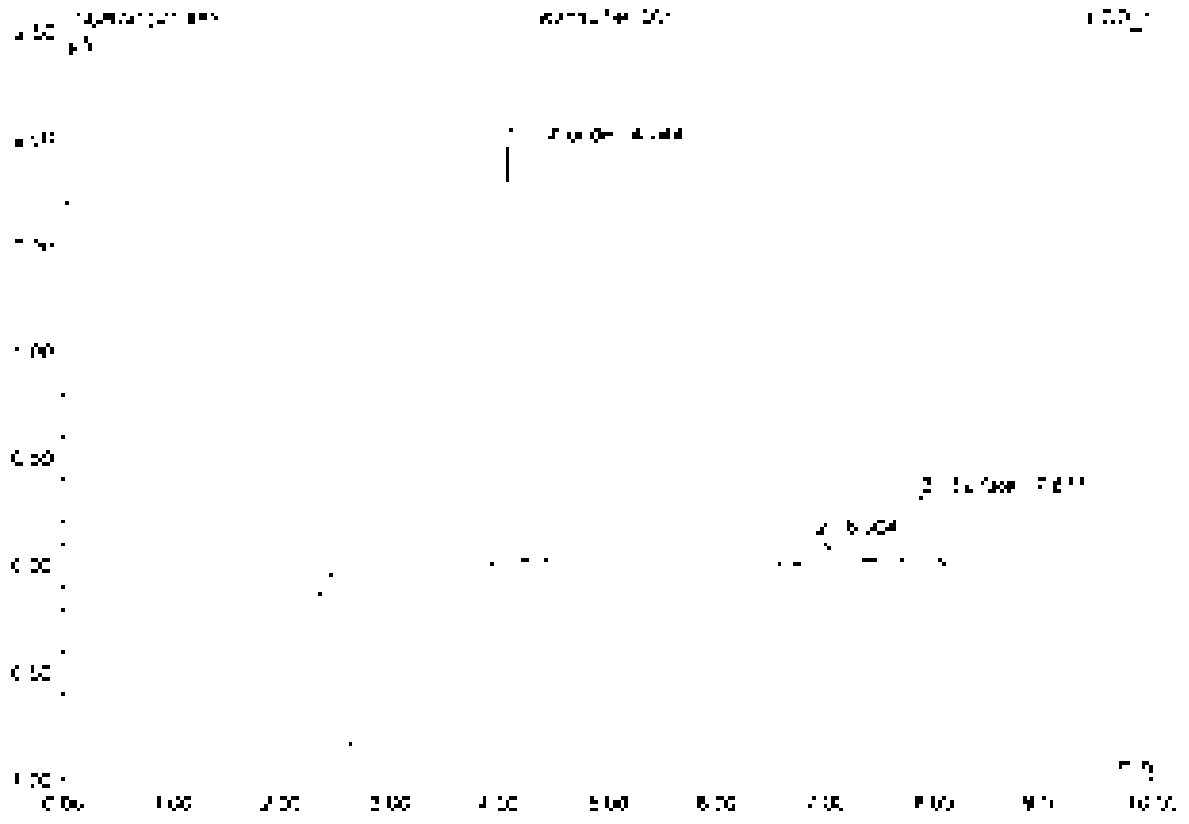
Sample Name	K2110746-001	Injection Volume	25.0
Vial Number	14	Channel	EGD 1
Sample Type	unknown	Wavelength	n.a.
Comm. Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	2.0000
Recording Time	9/15/2021 5:02	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.94	Chloride	1.956	0.184	66.81	2.015	BV B
2	5.17	Nitrate	0.002	0.002	0.68	0.005	BMB
3	6.50	n.a.	0.120	0.036	12.94	n.a.	BMB
4	7.58	Sulfate	0.306	0.055	19.56	0.562	BMB
Total:			2.384	0.277	100.00	2.582	

B5 K2110746-001

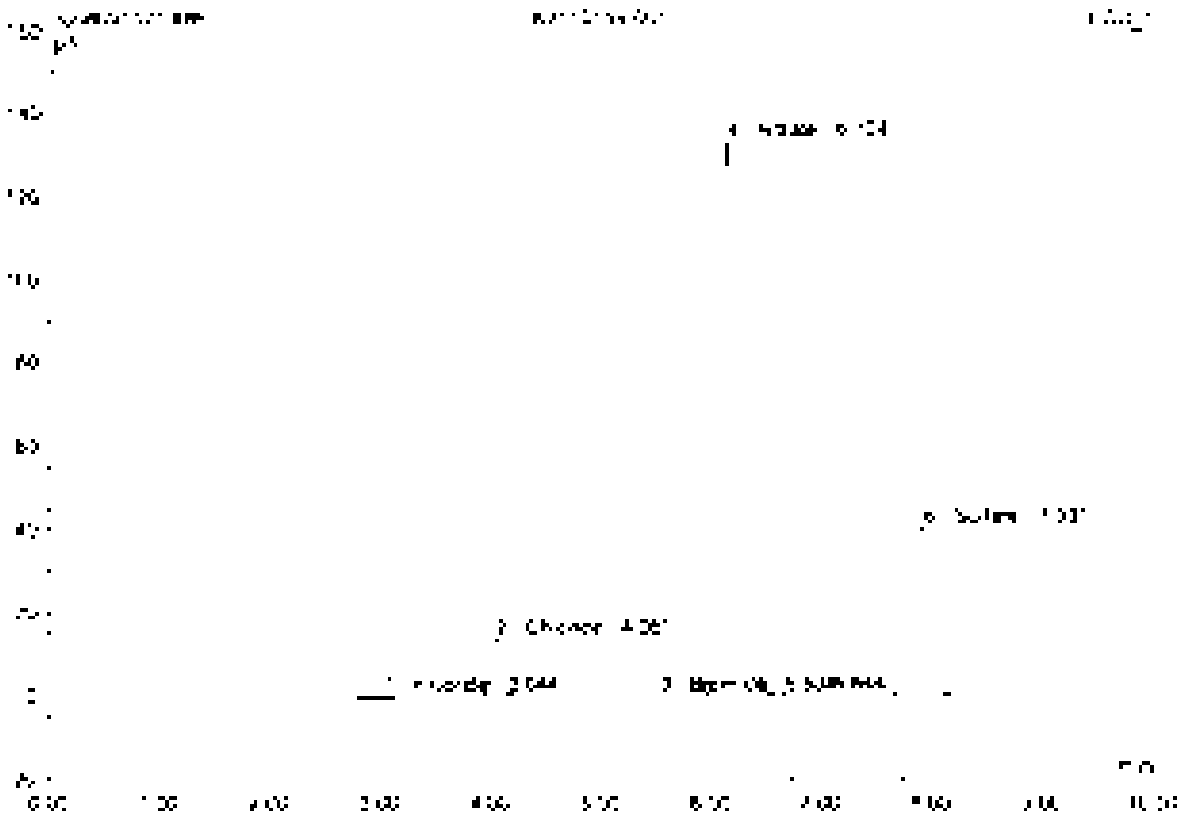
Sample Name	K2110746-001	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	8/18/2021 3:03	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chlorate	1.555	0.184	56.87	2.019	BMB
2	6.30	n.a.	0.120	0.008	1.00	n.a.	BV0
3	[illegible]	Sulfate	0.006	0.055	20.10	0.862	BV0
Total:			2.382	0.275	100.00	2.881	

86 K2110159-001

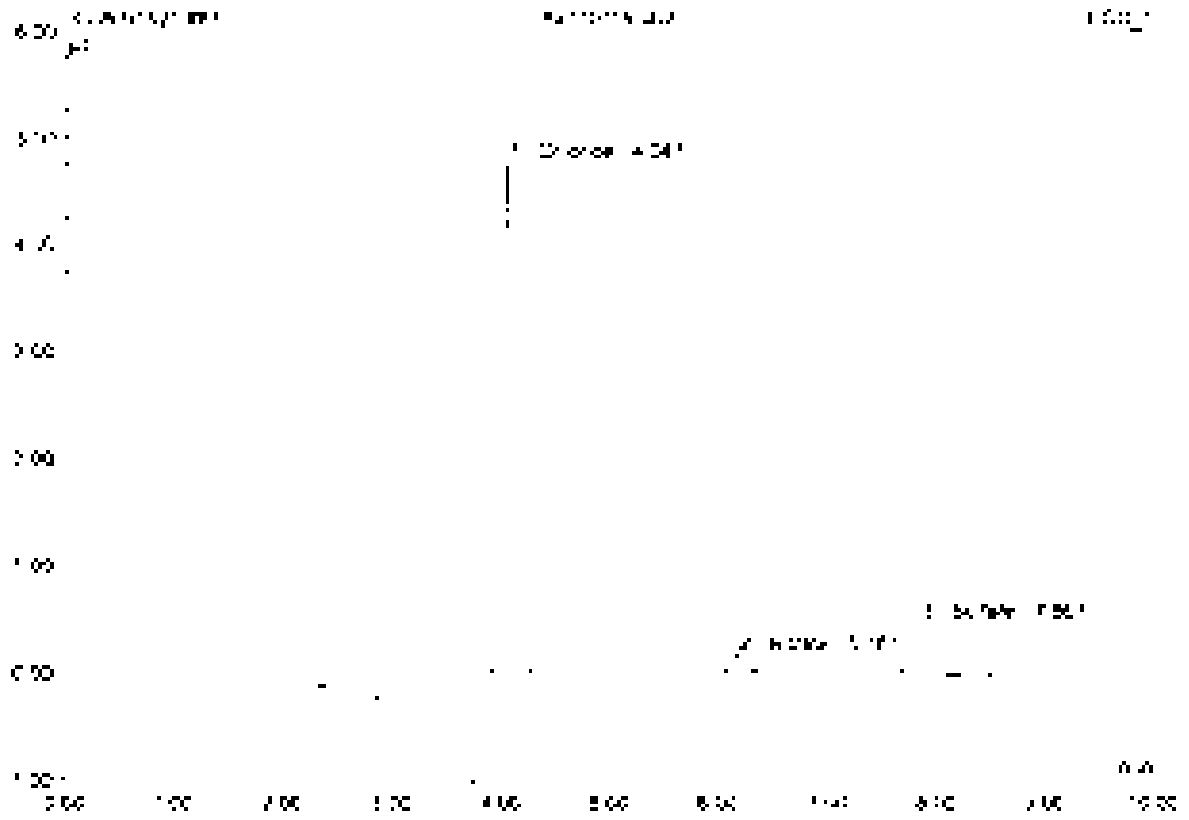
Sample Name	K2110159-001	Injection Volume	25.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	5.0000
Processing Time	5/15/2021 5:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	0.434	0.256	0.18	5.557	BMB
2	4.05	Chloride	13.803	1.277	0.87	34.952	BMB
3	5.53	Bromide	0.039	0.016	0.05	1.057	BMB
4	6.12	Nitrate	133.388	24.328	73.72	275.267	BMB
5	6.94	n.a.	0.085	0.025	0.07	n.a.	BMB
6	7.93	Sulfate	63.547	7.100	21.51	276.362	BMB
Total:			185.297	33.002	100.00	593.197	

87 K2110159-002

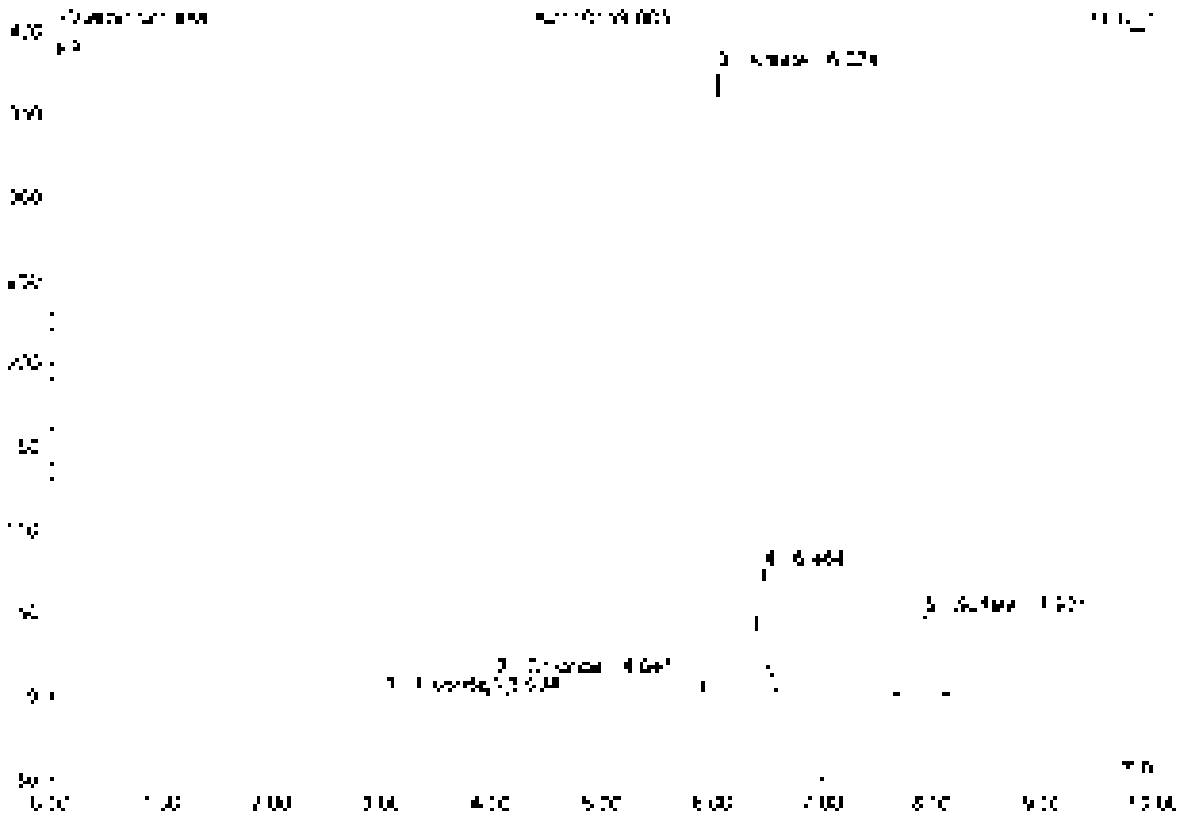
Sample Name	K2110159-002	Injection Volume	25.0
Vial Number	16	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	20.0000
Recording Time	5/16/2021 3:28	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.35	Chloride	5.700	3.441	38.61	48.345	BMB
2	6.18	Nitrate	0.100	0.324	4.04	1.102	BMB
3	7.87	Sulfate	0.480	0.066	17.05	14.909	BMB
Total:			5.400	3.561	100.00	64.356	

88 K2110159-003

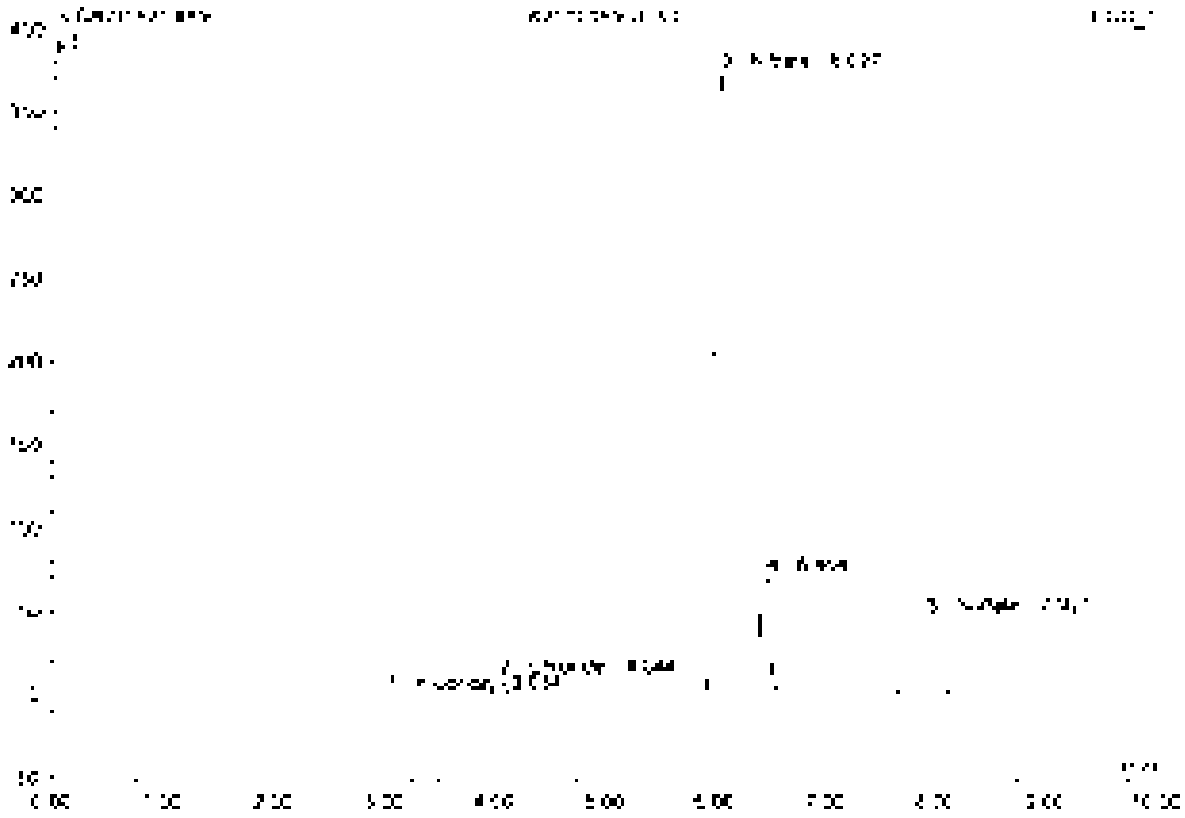
Sample Name	K2110159-003	Injection Volume	25.0
Vial Number	17	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Original Method	epa300	Dilution Factor	3.0000
Processing Time	9/16/2021 3:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.33	Fluoride	3.390	5.227	0.27	5.031	BMB
2	4.04	Chloride	10.103	21.944	1.14	22.840	BMB
3	6.37	Nitrate	364.796	69.105	89.64	757.929	BMB
4	5.46	[illegible]	45.614	3.188	3.66	n.a.	BMB
5	7.92	Sulfate	47.649	9.195	11.12	357.892	BMB
Total:			471.554	92.659	100.00	1170.708	

88 K2110159-003D

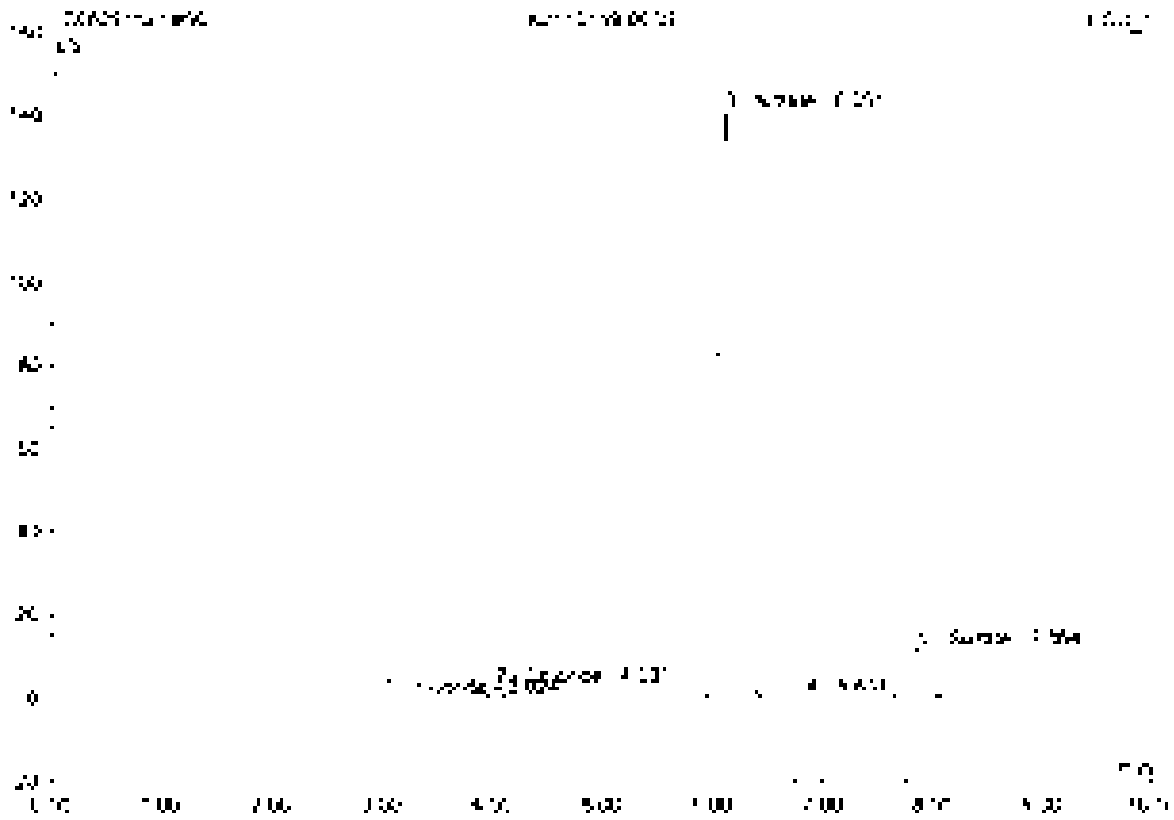
Sample Name	K2110159-003D	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a
Control Program	epa300	Bandwidth	n.a
Quant Method	epa300	Dilution Factor	6.0000
Recording Time	[illegible] 3:49	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.03	Fluoride	0.396	0.779	0.28	5.094	BMB
2	4.04	Chloride	5.587	0.535	1.14	23.015	BMB
3	6.03	Nitrate	361.582	62.789	84.05	778.460	BMB
4	6.45	n.a	44.241	2.844	3.47	n.a	BMB
5	7.92	Sulfate	46.934	9.047	11.05	352.156	BMB
Total:			465.135	81.855	100.00	1161.327	

90 K2110159-003S

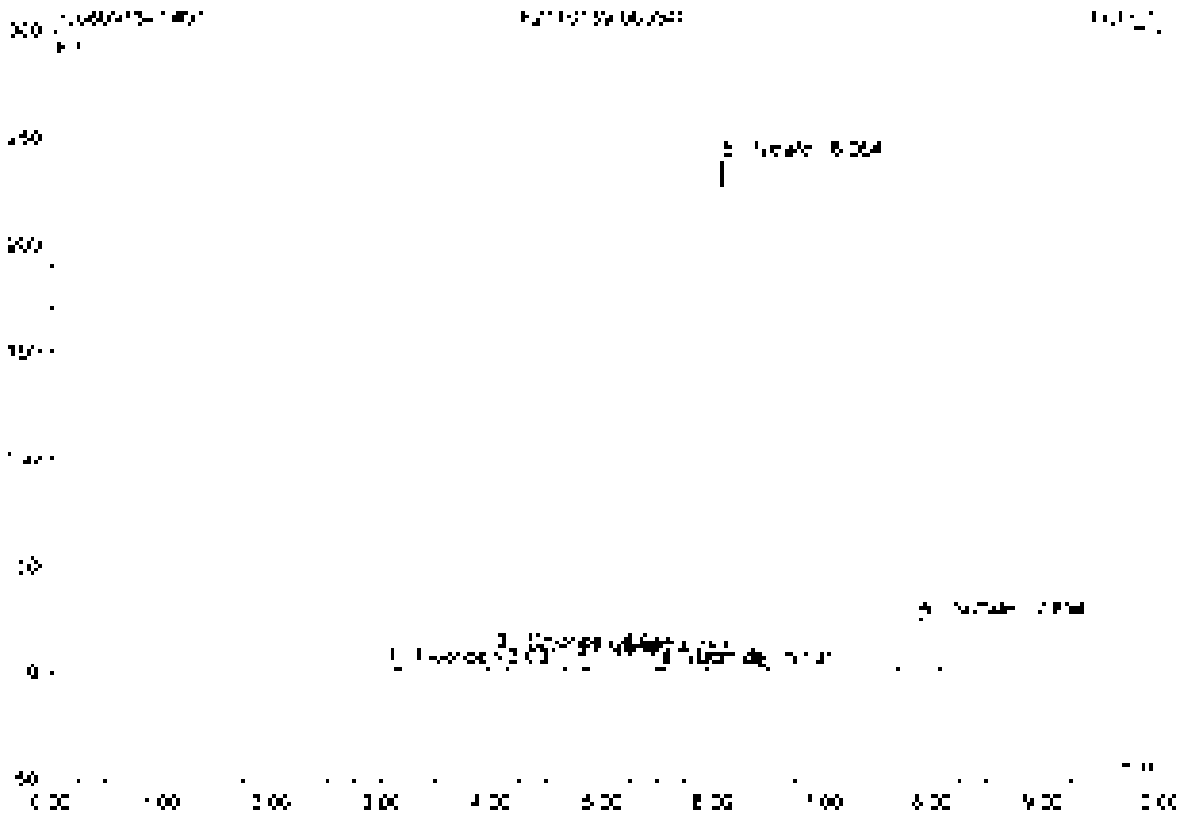
Sample Name	K2110159-003S	Injection Volume	25.0
Vial Number	19	Channel	ECD: 1
Sample Type	unknown	Wavelength	n/a
Control Program	epa300	Bandwidth	n/a
Quantit. Method	epa300	Dilution Factor	10.0000
Running Time	9/16/2021 4:01	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	0.104	0.061	0.25	2.657	BMB
2	4.01	Chloride	2.278	0.244	1.01	13.359	dMB
3	5.09	Nitrate	140.613	21.605	89.81	452.525	BMB
4	5.86	n.a.	0.059	0.017	0.07	n.a.	BMB
5	7.35	Sulfate	11.642	2.131	8.86	185.917	BMB
Total:			154.696	24.058	100.00	670.899	

91 K2110159-003SD

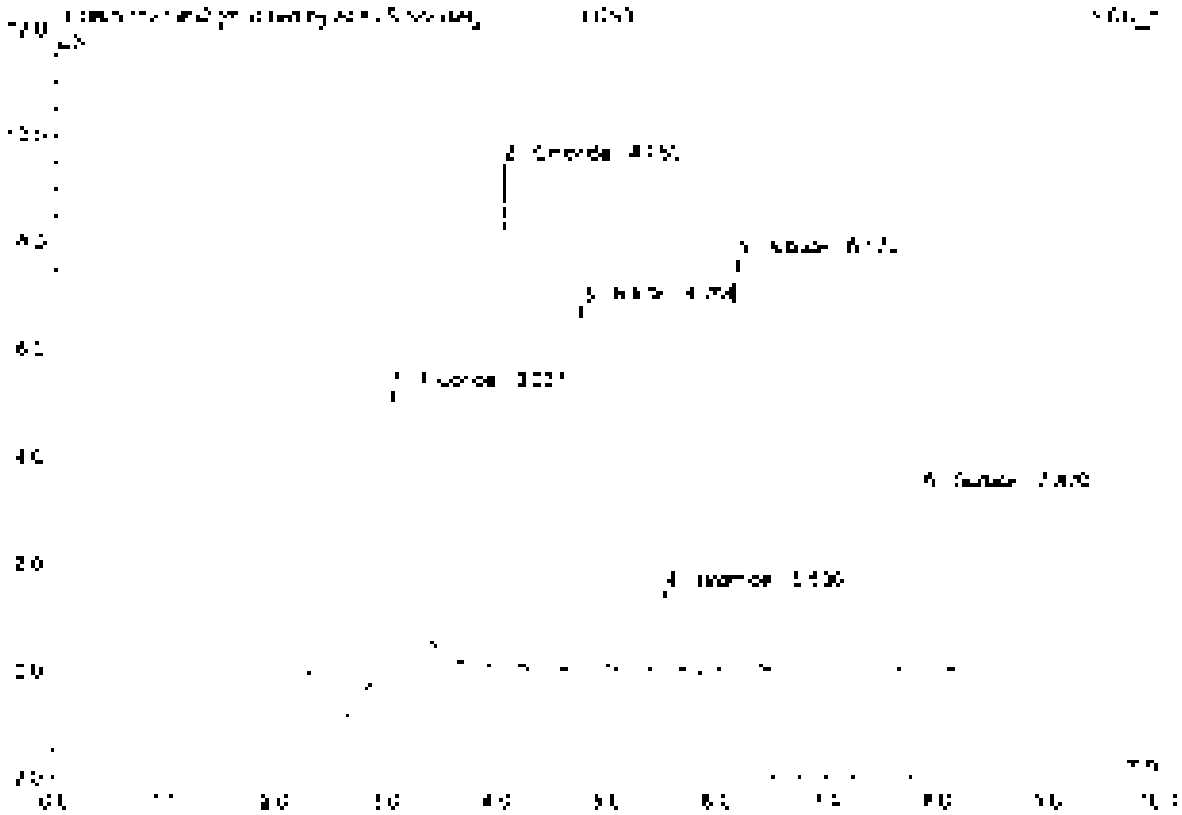
Sample Name	K2110159-003SD	Injection Volume	25.0
Vial Number	20	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Calibration Factor	10.0000
Recording Time	9/16/2021 4:13	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.93	Fluoride	2.272	0.563	1.14	25.065	BVB
2	4.94	Chloride	8.750	0.512	1.65	44.455	BMB
3	4.76	Nitrite	5.551	0.711	1.44	15.502	BVB
4	5.52	Bromide	1.788	0.147	0.30	15.870	BVB
5	6.06	Nitrate	235.884	42.582	86.35	960.625	BMB
6	7.26	Sulfate	24.331	4.458	9.12	350.130	BMB
Total:			280.537	49.313	100.00	1423.091	

92 LCS3

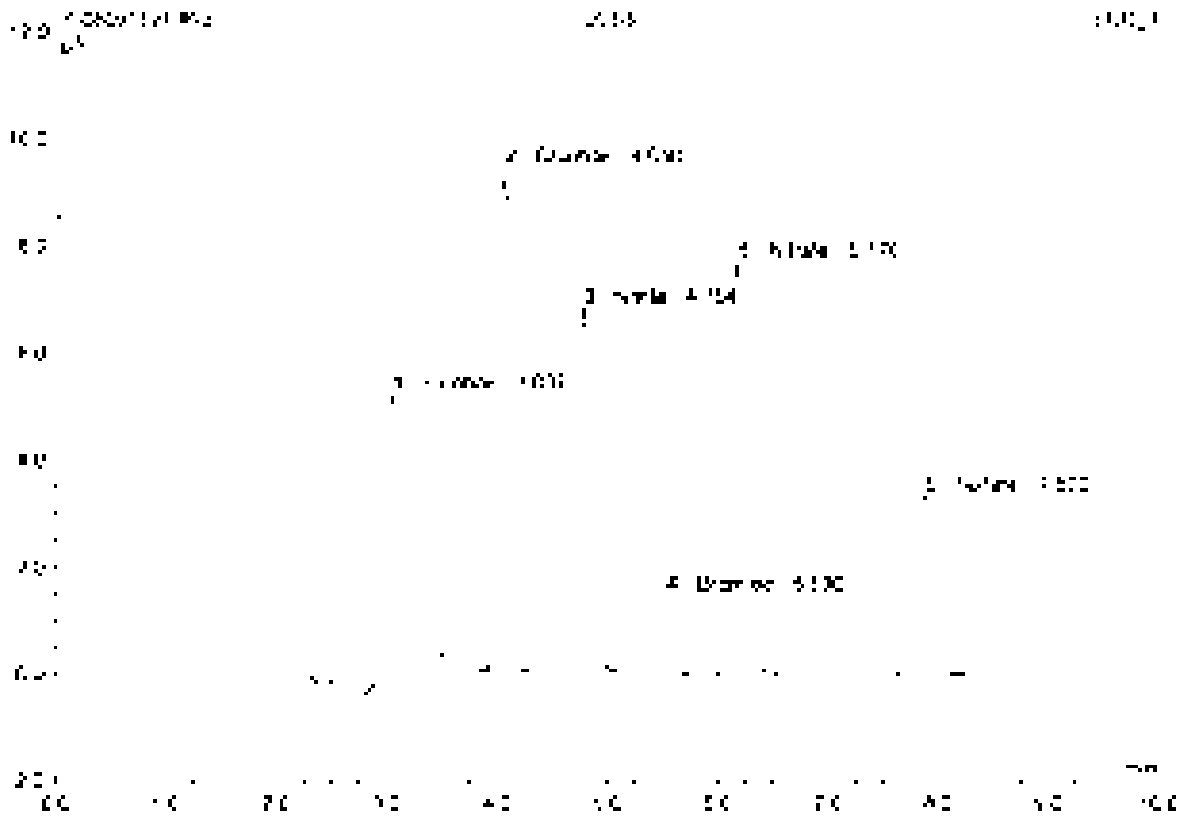
Sample Name	LCS3	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program:	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 4:25	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.06	Fluoride	5.616	[illegible]	24.50	5.214	BMB*
2	4.05	Chloride	9.604	0.856	17.97	4.703	BMB*
3	4.76	Nitrite	6.817	0.836	18.32	2.451	BMB
4	5.53	Bromide	1.472	0.179	3.75	0.432	BMB
5	6.17	Nitrate	7.658	1.061	22.23	2.400	BMB
6	7.87	Sulfate	3.344	0.532	11.23	4.522	BMB
Total:			34.7[illegible]	4.778	100.00	22.722	

92 LCS3

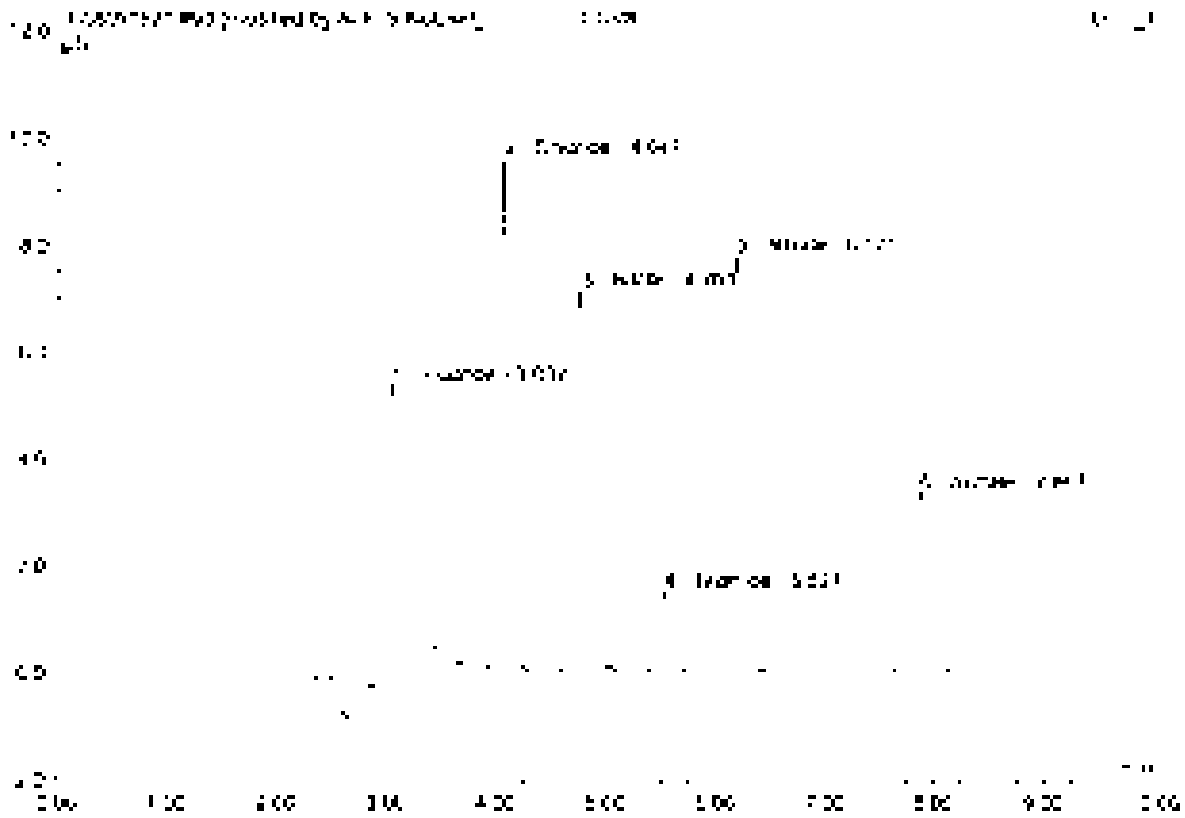
Sample Name	LCS3	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Control Method	wpa300	Dilution Factor	1.0000
Recording Time	9/16/2021 4:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	5.450	1.252	25.77	5.571	BMB
2	4.05	Chloride	5.404	0.855	17.67	4.703	BMB
3	4.76	Nitrite	6.817	0.875	18.02	2.451	BMB
4	5.60	Bromide	5.472	0.178	3.65	2.432	BMB
5	6.17	Nitrate	7.665	1.061	21.83	2.400	BMB
6	7.87	Sulfate	3.344	0.632	13.01	4.822	BMB
Total			34.155	4.859	100.00	22.479	

93 CCV8

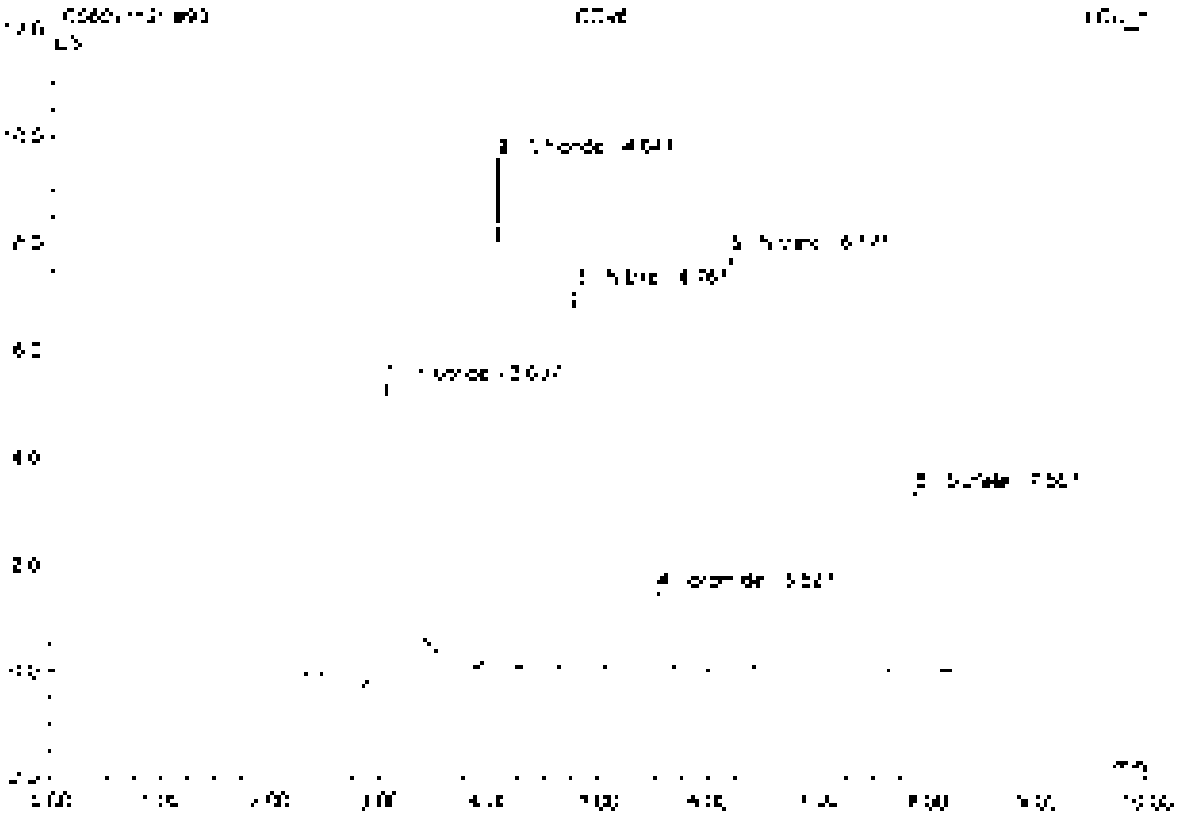
Sample Name	CCV8	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 4:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.04	Fluoride	5.541	1.156	24.52	5.291	BMB*
2	4.05	Chloride	9.555	0.968	17.99	4.753	BMB*
3	4.70	Nitrite	7.108	0.912	18.79	2.552	BMB
4	5.51	Bromide	1.482	0.180	3.71	2.442	BMB
5	6.17	Nitrate	7.777	1.070	22.65	2.420	BMB
6	7.27	Sulfate	3.368	0.633	13.04	4.925	BMB
Total:			34.789	4.851	100.00	22.383	

93 CCV8

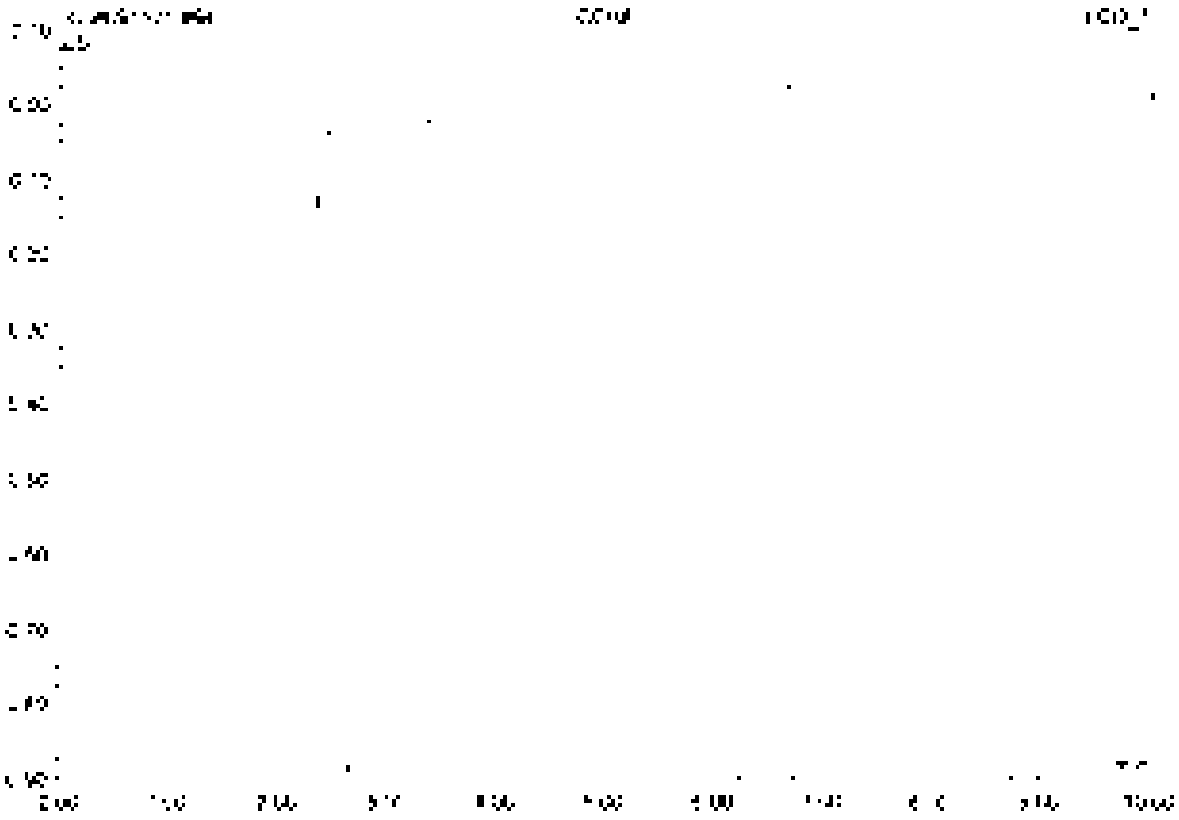
Sample Name	CCV8	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	9/16/2021 6:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.94	Fluoride	5.532	1.283	25.94	5.706	BMB
2	4.35	Chloride	9.575	3.568	72.15	4.753	BMB
3	4.76	Nitrite	7.106	0.912	18.44	2.532	BMB
4	5.53	Bromide	1.482	0.180	3.64	2.442	BMB
5	6.17	Nitrate	7.777	1.070	21.63	2.420	BMB
6	7.57	Sulfate	3.368	0.633	12.80	4.525	BMB
Total:			34.830	4.944	100.00	22.798	

94 CCB8

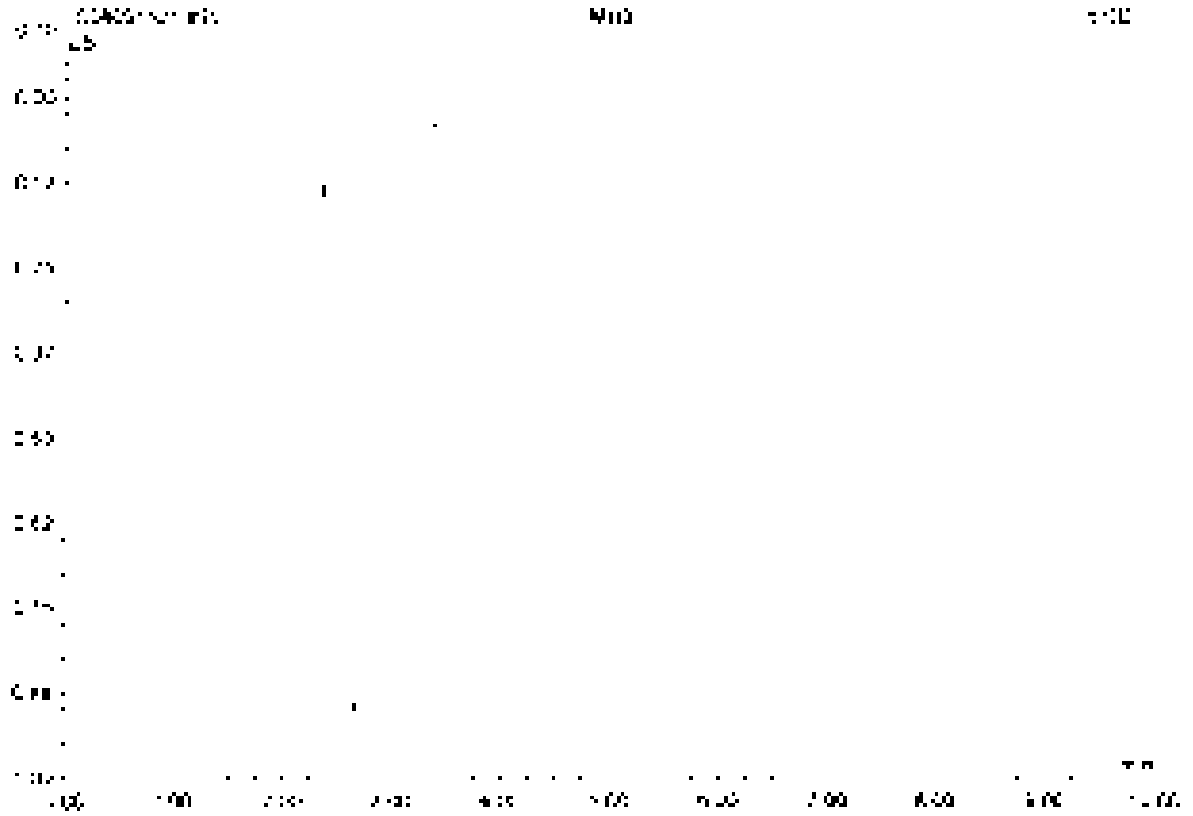
Sample Name	CCB8	Injection Volume	25.0
Vial Number	49	Channel	DCD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	5/15/2021 4:49	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

95 MB3

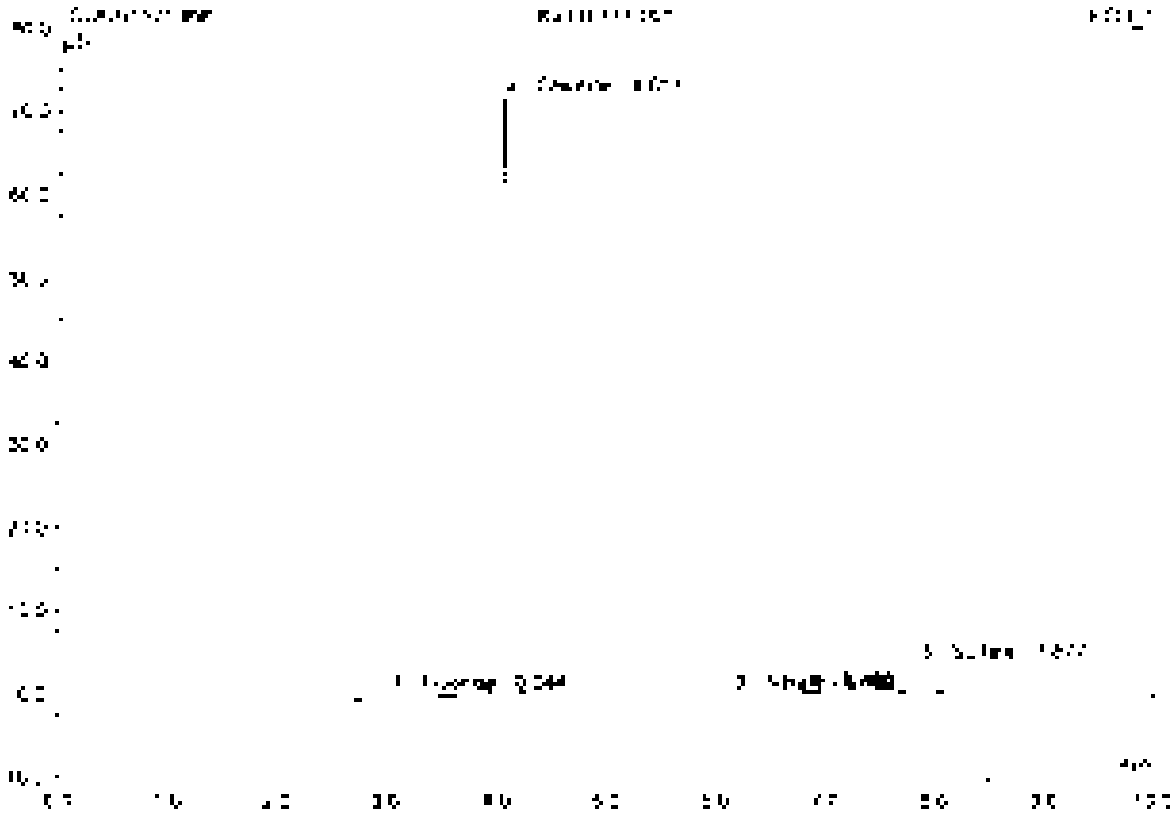
Sample Name	MB3	Injection Volume	20.0
Vial Number	1	Channel	ECD [illegible]
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Calibrat. Factor	1.0000
Recording Time	[illegible]/7/2021 [illegible]:01	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

96 K2110377-001

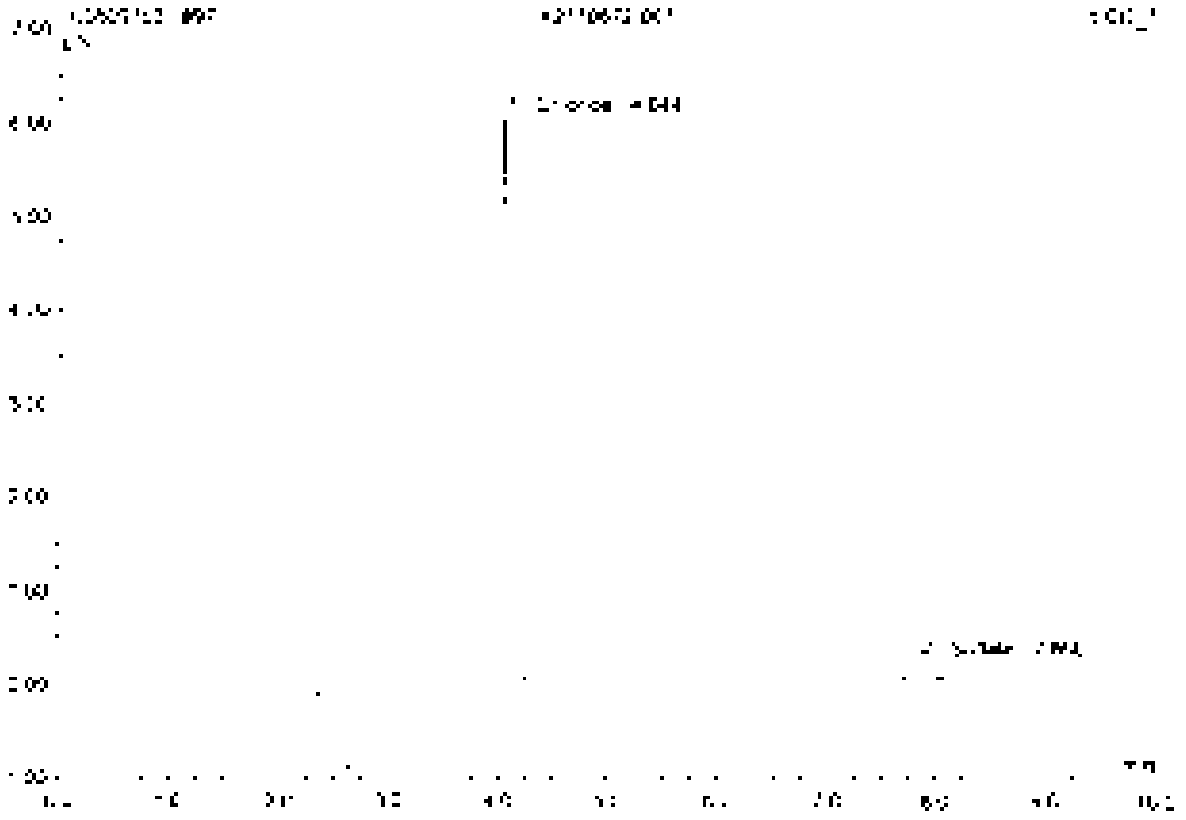
Sample Name	K2110377-001	Injection Volume	25.0
Vial Number	21	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	5.0000
Processing Time	9/16/2021 5:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.34	Fluoride	0.577	0.366	4.94	8.128	BMB
2	4.30	Chloride	71.621	6.280	85.00	172.251	BVB
3	5.18	Nitrate	0.055	0.008	0.11	0.088	BMB
4	5.82	n.a.	0.220	0.052	0.70	n.a.	BMD
5	7.58	Sulfate	3.743	0.685	9.26	26.672	BMB
Total:			76.215	7.389	100.00	207.099	

97 K2110672-001

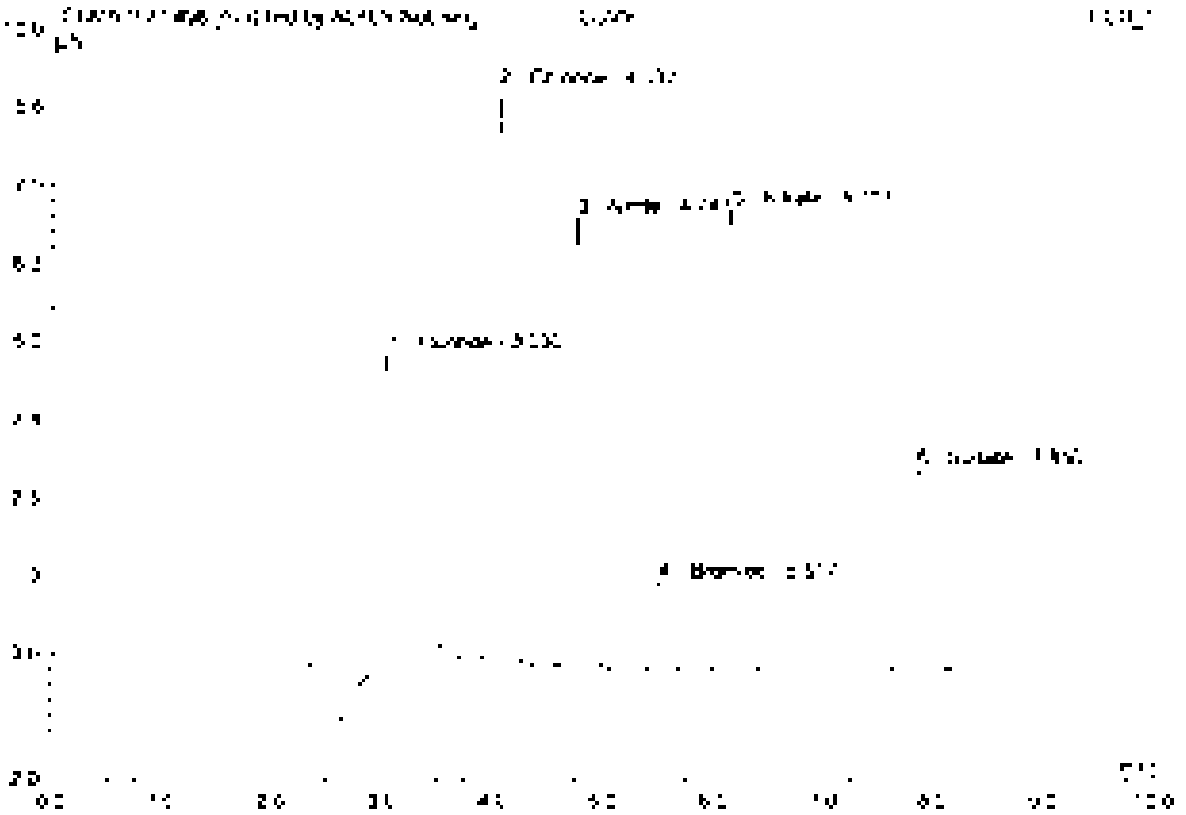
Sample Name	K2110672-001	Injection Volume	25.0
Vial Number	22	Digitizer	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	50.0000
Recording Time	3/18/2021 5:28	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.34	Chloride	6.335	0.555	92.68	[illegible]	BV8
2	7.86	Sulfate	0.770	0.043	7.32	[illegible]	BV9
Total:			6.755	0.597	100.00	[illegible]	

98 CCV9

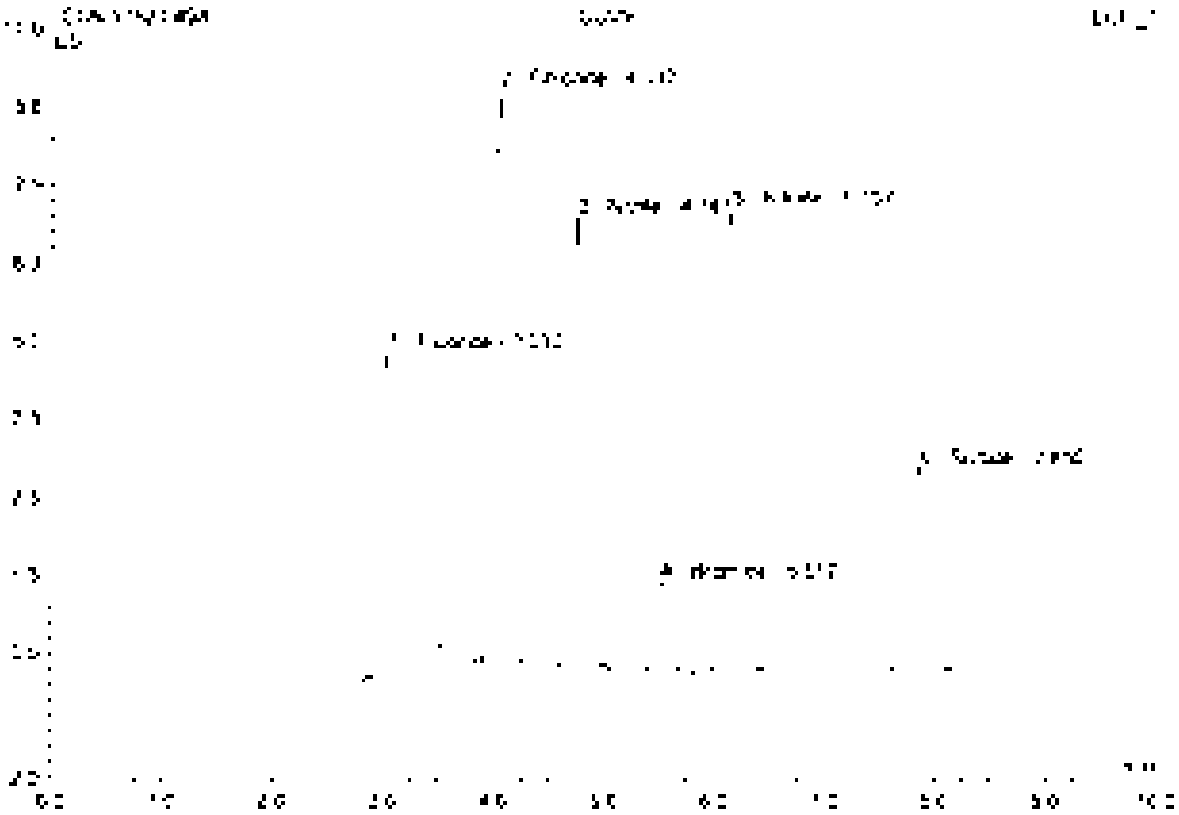
Sample Name	CCV9	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Column Program	epa300	Bandwidth	n.a.
Column Method	epa300	Dilution Factor	1.0000
Recording Time	9/16/2021 6:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.93	Fluoride	5.146	1.201	23.67	4.356	BMB*
2	4.94	Chloride	9.157	2.541	48.23	4.604	BMB*
3	4.75	Nitrite	5.204	0.330	6.46	2.472	BMB
4	5.52	Bromide	1.418	0.170	3.35	2.340	BMU
5	6.16	Nitrate	3.406	1.078	22.02	2.304	BMB
6	7.55	Sulfate	3.224	0.604	13.31	4.705	BMB
Total:			33.555	4.870	100.00	21.280	

98 CCV9

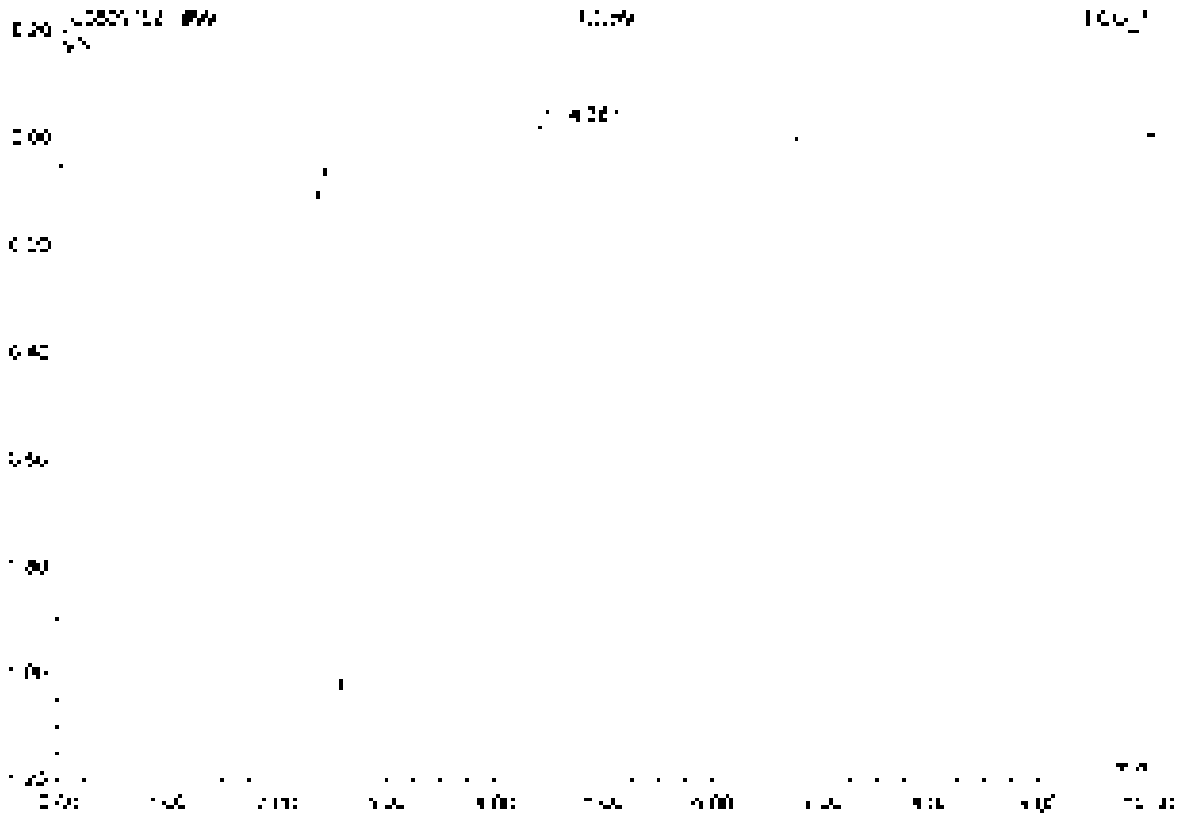
Sample Name	CCV9	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Original Filename	epa300	Bandwidth	n.a.
Current Method	epa300	Dilution Factor	1.0000
Recording Time	8/16/2021 5:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.33	Fluoride	5.174	[illegible].153	24.78	5.150	BMB
2	4.04	Chloride	9.150	6.837	17.90	4.582	BMB
3	4.75	Nitrite	7.204	6.881	18.90	2.472	BMB
4	5.52	Bromide	1.418	0.170	0.70	2.340	BMB
5	5.16	Nitrate	7.406	1.012	2[illegible].12	2.924	BMB
6	7.53	Sulfate	3.224	3.604	12.93	4.705	BMB
Total			33.576	4.673	100.00	21.554	

99 CCB9

Sample Name	CCB9	Injection Volume	25.0
Vial Number	#7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	[illegible]/2021 5:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	BV B
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

Metals

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

Preparation Information Benchsheet

Prep Run	[illegible]	**Prep Workflow**	MetD [illegible]	**Status**	Proposed	**Prep Date**	[illegible]
Team:	Metals	**Prep Method:**	EPA [illegible]	**Current Step**	Digestion	**Due Date**	[illegible]
Analyst	[illegible]	**Rush/NPDES**	N/A			**Hold Date**	[illegible]

[illegible]

14 Total Samples consisting of 12 Client Samples, [illegible] QC Samples, 2 Batch QC Samples associated with this current Prep Run

Spiking Solutions

Name	Type	Id	Expires	Name	Type	Id	Expires
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Materials

Step	Name	ID	Step	Name	ID
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			

Preparation Hardware / Equipment

Step	Name	Property	Value	Step	Name	Property	Value
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Steps

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Comments

[illegible]

Review

[illegible]

ICP-MS LCSW AND SPIKING SOLUTIONS

5.00ml to 500ml Dilution of Inorganic Ventures QCP-CICV-1
k-met 1/100 QCP-CICV-1

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Al	10000	100
Ag	1250	12.5
Ba	10000	100
Be	250	2.5
Ca	25000	250
Co	2500	25
Cu	1250	12.5
Cr	1500	10
Fe	5000	50
K	25000	250
Mg	25000	250
Mn	2500	25
Na	25000	250
Ni	2500	25
V	2500	25
Zn	2500	25

0.10ml to 100ml Dilution of 1000ppm Sb
k-met 1ug/mL Sb

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Sb	1000	10

5.00ml to 500ml Dilution of Inorganic Ventures QCP-CICV-3
k-met 1/100 QCP-CICV-3

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
As	5000	50
Pb	5000	50
Se	5000	50
Tl	5000	50
Co	2500	25

0.1ml to 100ml Dilution of 1000 ppm Mo and 1000 ppm U
k-met Mo/U 5ppm

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Mo	5000	25
U	5000	25

Prep Run. 356500	**Prep Workflow.** MetDigAqRes	**Status** Draft	**Prep Date** 09/22/2022 15:31
Team: Metals	**Prep Method.** EPA CLP ILM04.0	**Current Step.** Digestion	**Due Date** 09/23/2022
Analyst: ABOYER	**Rush/NPDES** N/A		**Hold Date.** 09/23/2022

[illegible]	[illegible]		[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]

14 Total Samples consisting of 10 Client Samples, 2 Client QC Samples, 2 Batch QC Samples associated with the current Prep Run

Spiking Solutions

Name	Type	ID	Expires	Name	Type	ID	Expires
[illegible]	Spike	[illegible]	[illegible]	[illegible]	Spike	[illegible]	[illegible]
[illegible]	Spike	[illegible]	[illegible]	[illegible]	Spike	[illegible]	[illegible]

Preparation Materials

Preparation Hardware / Equipment

Preparation Steps

Step	Started	Finished	By	Supplied By	Required	Comments
[illegible]					N	

Comments

[illegible]

Signoff

Signed by: Date:

Service Request #: ~~K2110138~~; K2110380, K2110139; K2110140
Calibration: 092021CICPMS06
ALS LIMS Run# 739349
Pipette IDs: 16006318, 19070685, 18010244
Pipette Check Due: 11/19/21
Cal Std: MS28-60-K
ICV Std: MS28-59-D
LLICV Std: MS28-59-E
I.S. Solution: MS28-47-F
Tune Std: MS28-3-A
ICSA: MS28-59-F
ICSAB: MS28-59-G

ICP-MS Data Review Form

		Yes	No	NA
1.	Appropriate standardization completed	X		
2.	ICV in control (+/- 10%)	X		
3	CCV's in control (+/- 10%)	X		
4.	ICB/CCB's below MRL	X		
5	LLICV standard analyzed and in control	X		
6.	ICS standards within 20% of true value	X		
6	All analytes within instrument linear range	X		
7	Adequate rinse out time allowed	X		
8	Internal standards in control	X		
9	Interferences checked	X		
10	Was the run terminated? If so, why		X	

See Benchsheet exception report for sample batch QC information.
Comments

Prep Batches: ~~386798~~, 387077, 387078, 386800, 386801

Primary Review by _____ Date _____

Secondary Review by _____ Date _____

Data Review Form

Instrument ID# K-ICP-MS-06
DataFile Name R:\ICP\WIP\DATA\K-ICP-MS-06 (Agilent 7800)\082021C.csv
RUNNO: 739349

K2110138

No exceptions to report.

K2110139

No exceptions to report.

K2110140

K2110140-001P5 - Metals T -

PS Recovery
5020A/Metals T 56 Fe [He] Recovery 71 Limits 50 - 120
5020A/Metals D 56 Fe [He] Recovery 71 Limits 50 - 120

K2110360

No exceptions to report.

Primary Approver
Secondary Approver

Page 1 of 1

	Sampler		Data File	Acq. Date-Time	Type	L	Sample Name	Co	Vial N
1			001SMPL	2021-09-20 2:21:36 P	Sample		Primer	5X	1410
2			002SMPL	2021-09-20 2:32:35 P	Sample		Primer	5X	1411
3			003SMPL	2021-09-20 2:44:21 P	Sample		Primer	5X	1412
4			004SMPL	2021-09-20 2:55:44 P	Sample		Primer	5X	1507
5			005CALIB	2021-09-20 2:07:07 P	CalBlk		Blank		2
6			006CALIB	2021-09-20 2:08:30 P	CalBlk		Blank		1
7			007CALIB	2021-09-20 2:09:52 P	CalBlk		Blank		1
8			008CALIB	2021-09-20 2:11:16 P	CalBlk		Blank		2
9			009 CCV	2021-09-20 2:12:36 P	CCV		CCV		2
10			010 CCV	2021-09-20 2:14:02 P	CCV		CCV		2
11			011 CCB	2021-09-20 2:15:25 P	CCB		CCB		1
12			012 CCB	2021-09-20 2:16:49 P	CCB		CCB		1
13			013 CCV	2021-09-20 2:18:13 P	CCV		CCV		2
14			014	2021-09-20 2:19:36 P	ICSA		ICSA		2
15			015	2021-09-20 2:20:56 P	ICSAB		ICSAB		2
16			016SMPL	2021-09-20 2:22:20 P	Sample		MW-510		2
17			017 MBLK	2021-09-20 2:23:41 P	MB		KQ21-0256-01		10
18			018 LCS	2021-09-20 2:33:42 P	LCS		KQ21-0256-02		1
19			019 ARR	2021-09-20 2:35:05 P	Arr Std		K21-0138-001	5X	1
20			020SMPL	2021-09-20 2:36:28 P	Sample		KQ21-0256-03	5X	1401
21			021SMPL	2021-09-20 2:37:50 P	Sample		K21-0138-001	25X	1402
22			022 MSA	2021-09-20 2:39:14 P	MSB		K21-0138-001	5X	1403
23			023 SPK	2021-09-20 2:40:37 P	Spike		KQ21-0256-04	5X	1404
24			024SMPL	2021-09-20 2:41:59 P	Sample		K21-0138-003	5X	1405
25			025SMPL	2021-09-20 2:43:21 P	Sample		K21-0138-002	5X	1406
26			026SMPL	2021-09-20 2:44:45 P	Sample		K21-0138-005	5X	1407
27			027 CCV	2021-09-20 2:46:08 P	CCV		CCV		2
28			028 CCB	2021-09-20 2:47:31 P	CCB		CCB		1
29			029SMPL	2021-09-20 2:48:58 P	Sample		K21-0138-002	5X	1408
30			030SMPL	2021-09-20 2:50:20 P	Sample		K21-0138-001	5X	1409
31			031SMPL	2021-09-20 2:51:43 P	Sample		K21-0138-007	0.5	1410
32			032SMPL	2021-09-20 2:53:05 P	Sample		K21-0138-008	0.5	1411
33			033SMPL	2021-09-20 2:54:29 P	Sample		K21-0138-003	0.5	1412
34			034SMPL	2021-09-20 2:55:51 P	Sample		K21-0138-004	0.5	1501
35			035SMPL	2021-09-20 2:57:14 P	Sample		K21-0138-005	0.5	1502

	Sample								
	Tp	Hyd	Data File	Acq Date-Time	Type	L	Sample Name	Dil	Vial N
36			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
37			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
38			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
39			039 CCV	2021 09 20 3 02 45 P	CCV		CCV		2
40			040 CCB	2021 09 20 3 04 09 P	CCB		CCB		1
41			[illegible]	2021 09 20 3 05 32 P	Samp		[illegible]	[illegible]	[illegible]
42			042 CCV	2021 09 20 3 06 55 P	CCV		CCV		2
43			043 CCB	2021 09 20 3 08 19 P	CCB		CCB		1
44			[illegible]	[illegible]	LLCCV		LLCCV		2103
45			[illegible]	[illegible]	PIL		[illegible]		[illegible]
46			[illegible]	[illegible]	LCS		[illegible]		[illegible]
47			[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
48			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
49			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
50			[illegible]	[illegible]	PDS		[illegible]	[illegible]	[illegible]
51			[illegible]	[illegible]	Spike		[illegible]	[illegible]	[illegible]
52			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
53			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
54			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
55			[illegible]	[illegible]	CCV		CCV		2
56			[illegible]	[illegible]	CCB		CCB		1
57			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
58			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
59			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
60			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
61			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
62			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
63			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
64			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
65			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
66			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
67			[illegible]	[illegible]	CCV		CCV		2
68			[illegible]	[illegible]	CCB		CCB		1
69			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
70			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]

	Sample Type	Hyd	Data File	Acq Date-Time	Type	L	Sample Name	Dil	Vol. In
71		☐	[illegible]	2021-09-20 3:46:45 P	Samp		[illegible]	[illegible]	[illegible]
72		☐	[illegible]	2021-09-20 3:48:[illegible] P	Samp		[illegible]	[illegible]	3300
73		☐	073 CCV	2021-09-20 3:49:41 P	CCV		CCV		2
74		☐	074 CCB	2021-09-20 3:51:05 P	CCB		CCB		1
75		☐	075LCCV	2021-09-20 3:52:29 P	LCCV		LCCVW		2102
76		☐	076 PB u	2021-09-20 3:53:52 P	PB		[illegible]		[illegible]
77		☐	077 LCS u	2021-09-20 3:55:15 P	LCS		[illegible]		[illegible]
78		☐	078 AvPal u	2021-09-20 3:56:[illegible] P	AvPal		[illegible]	5X	3209
79		☐	079SMPL	2021-09-20 3:57:59 P	Samp		[illegible]	5X	[illegible]
80		☐	080SMPL	2021-09-20 3:59:22 P	Samp		[illegible]	25X	[illegible]
81		☐	081 PDS 1	2021-09-20 4:00:45 P	PDS		[illegible]	5X	[illegible]
82		☐	082 SPX u	2021-09-20 4:02:08 P	Spike		[illegible]	5X	3301
83		☐	083SMPL	2021-09-20 4:03:31 P	Samp		[illegible]	5X	3302
84		☐	084SMPL	2021-09-20 4:04:54 P	Samp		[illegible]	5X	3303
85		☐	085SMPL	2021-09-20 4:06:15 P	Samp		[illegible]	5X	3304
86		☐	086 CCV	2021-09-20 4:07:42 P	CCV		CCV		2
87		☐	087 CCB	2021-09-20 4:09:03 P	CCB		CCB		1
88		☐	088SMPL	2021-09-20 4:10:27 P	Samp		[illegible]	5X	3305
89		☐	089SMPL	2021-09-20 4:11:49 P	Samp		[illegible]	5X	3306
90		☐	090SMPL	2021-09-20 4:13:17 P	Samp		[illegible]	5X	3307
91		☐	091SMPL	2021-09-20 4:14:32 P	Samp		[illegible]	5X	3308
92		☐	092SMPL	2021-09-20 4:15:55 P	Samp		[illegible]	5X	3309
93		☐	093SMPL	2021-09-20 4:17:19 P	Samp		[illegible]	5X	3310
94		☐	094SMPL	2021-09-20 4:18:42 P	Samp		[illegible]	5X	3311
95		☐	095SMPL	2021-09-20 4:20:05 P	Samp		[illegible]	5X	3312
96		☐	096SMPL	2021-09-20 4:21:28 P	Samp		[illegible]	5X	3401
97		☐	097 CCV	2021-09-20 4:22:51 P	CCV		CCV		2
98		☐	098 CCB	2021-09-20 4:24:14 P	CCB		CCB		1
99		☐	099LCCV	2021-09-20 4:25:38 P	LCCV		LCCVW		2102
100		☐	100 PB u	2021-09-20 4:27:01 P	PB		[illegible]		3402
101		☐	101 LCS u	2021-09-20 4:28:24 P	LCS		[illegible]		3403
102		☐	102 AvPal u	2021-09-20 4:29:46 P	AvPal		[illegible]	5X	3404
103		☐	103SMPL	2021-09-20 4:31:08 P	Samp		[illegible]	5X	3405
104		☐	104SMPL	2021-09-20 4:32:31 P	Samp		[illegible]	25X	3406
105		☐	105 PDS 1	2021-09-20 4:33:53 P	PDS		[illegible]	5X	3407

	Sample								
	Type	Hyd	Data File	Acq Date-Time	Type	L	Sample Name	Co	Vial N.
106	*	[illegible]	106 SPIKE	2021-09-20 4:33:[illegible] P	Spike		[illegible]	5X	3408
107		[illegible]	107SMPL	2021-09-20 4:36:40 P	Sample		[illegible]	5X	3409
108		[illegible]	108SMPL	2021-09-20 4:38:03 P	Sample		[illegible]	5X	3410
109		[illegible]	109SMPL	2021-09-20 4:39:26 P	Sample		[illegible]	5X	3411
110		[illegible]	110 CCV	2021-09-20 4:40:50 P	CCV		CCV		2
111		[illegible]	111 CCB	2021-09-20 4:42:[illegible] P	CCB		CCB		1
112		[illegible]	112SMPL	2021-09-20 4:43:36 P	Sample		[illegible]	5X	3412
113		[illegible]	113SMPL	2021-09-20 4:44:58 P	Sample		[illegible]	5X	3501
114		[illegible]	114SMPL	2021-09-20 4:46:20 P	Sample		[illegible]	5X	3502
115		[illegible]	115SMPL	2021-09-20 4:47:42 P	Sample		[illegible]	0.5	3503
116		[illegible]	116SMPL	2021-09-20 4:49:05 P	Sample		[illegible]	0.5	3504
117		[illegible]	117SMPL	2021-09-20 4:50:27 P	Sample		[illegible]	0.5	3505
118		[illegible]	118SMPL	2021-09-20 4:51:50 P	Sample		[illegible]	0.5	3506
119		[illegible]	119SMPL	2021-09-20 4:53:13 P	Sample		[illegible]	0.5	3507
120		[illegible]	120SMPL	2021-09-20 4:54:36 P	Sample		[illegible]	0.5	3508
121		[illegible]	121SMPL	2021-09-20 4:55:58 P	Sample		[illegible]	0.5	3509
122		[illegible]	122 CCV	2021-09-20 4:57:21 P	CCV		CCV		2
123		[illegible]	123 CCB	2021-09-20 4:58:45 P	CCB		CCB		1
124		[illegible]	124SMPL	2021-09-20 5:00:08 P	Sample		[illegible]	0.5	3510
125		[illegible]	125SMPL	2021-09-20 5:01:31 P	Sample		[illegible]	0.5	3511
126			126SMPL	2021-09-20 5:02:54 P	Sample		[illegible]	0.5	3512
127		[illegible]	127 CCV	2021-09-20 5:04:15 P	CCV		CCV		2
128		[illegible]	128 CCB	2021-09-20 5:05:41 P	CCB		CCB		1
129		[illegible]	129LCCV	2021-09-20 5:07:04 P	LCCV		LCCVW		3102
130		[illegible]	130 PBLK	2021-09-20 5:08:27 P	PBLK		[illegible]		3101
131		[illegible]	131 LCS	2021-09-20 5:09:50 P	LCS		[illegible]		3102
132		[illegible]	132 AHPK	2021-09-20 5:11:12 P	AHPK		[illegible]	5X	3103
133		[illegible]	133SMPL	2021-09-20 5:12:35 P	Sample		[illegible]	5X	3104
134		[illegible]	134SMPL	2021-09-20 5:13:57 P	Sample		[illegible]	25X	3105
135	*	[illegible]	135 PDS	2021-09-20 5:15:19 P	PDS		[illegible]	5X	3106
136	*	[illegible]	136 SPIKE	2021-09-20 5:16:41 P	Spike		[illegible]	5X	3107
137		[illegible]	137SMPL	2021-09-20 5:18:03 P	Sample		[illegible]	5X	3108
138		[illegible]	138SMPL	2021-09-20 5:19:25 P	Sample		[illegible]	5X	3109
139		[illegible]	139SMPL	2021-09-20 5:20:48 P	Sample		[illegible]	5X	3110
140		[illegible]	140 CCV	2021-09-20 5:22:12 P	CCV		CCV		2

Samples

	Type	Acq. Date-Time	Sample Name	Vial
141	CCB	2021-09-20 5:23:36 PM	CCB	1
142	Samp	2021-09-20 5:24:58 PM	[illegible]	[illegible]
143	Samp	2021-09-20 5:26:21 PM	[illegible]	[illegible]
144	Samp	2021-09-20 5:27:43 PM	[illegible]	[illegible]
145	Samp	2021-09-20 5:29:05 PM	[illegible]	[illegible]
146	Samp	2021-09-20 5:30:27 PM	[illegible]	[illegible]
147	Samp	2021-09-20 5:31:49 PM	[illegible]	[illegible]
148	Samp	2021-09-20 5:33:12 PM	[illegible]	[illegible]
149	Samp	2021-09-20 5:34:34 PM	[illegible]	[illegible]
150	Samp	2021-09-20 5:35:57 PM	[illegible]	[illegible]
151	Samp	2021-09-20 5:37:20 PM	[illegible]	[illegible]
152	CCV	2021-09-20 5:38:44 PM	CCV	2
153	CCB	2021-09-20 5:40:06 PM	CCB	1
154	Samp	2021-09-20 5:41:30 PM	[illegible]	[illegible]
155	Samp	2021-09-20 5:42:52 PM	[illegible]	[illegible]
156	Samp	2021-09-20 5:44:15 PM	[illegible]	[illegible]
157	CCV	2021-09-20 5:45:39 PM	CCV	2
158	CCB	2021-09-20 5:47:02 PM	CCB	1
159	LCCV	2021-09-20 5:48:27 PM	LCCV	21ul

Analyte

	Name	Mass	RT	Tune Mode	Units	Replicate
1	Mn	55	72	He	ug/l	3
2	Fe	56	72	He	ug/l	3
3	As	75	72	He	ug/l	3
4	Mo	95	115	He	ug/l	3
5	Mo	98	115	He	ug/l	3
6	Se	45		He		1
7	Ga	72		He		1
8	[illegible]	[illegible]		He		1

US EPA Tune Check Report

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US EPA Tune Check Report

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Initial Calibration Verification (ICV) Report

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Continuing Calibration Verification (CCV) Report

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Initial Calibration Blank (ICB) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Initial Calibration Verification (LLICV) Report

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Prep Blank (PB) Report

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QC Sample Table

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Laboratory Control Sample (LCS) Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Reference Sample Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Sample Report

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Name	Mass	RSD	Type	Conc	Units	Conc RSD	CPS	QC Pass
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Name	Mass	Type Mass	CPS	CPS RSD	Net CPS	% Rec	QC Pass
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Name	Vial	Vol	Type	Conc	Conc RSD	CPS	QC Flag
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Name	Vial	Type Mass	CPS	CPS RSD	Net CPS	% Mass	QC Flag
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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Name	Range	[illegible]	Peak Mode	Conc	[illegible]	Conc RSD	CPS	QC Flag
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Name	Mass	[illegible]	CPS	CPS RSD	Net CPS	[illegible]	[illegible]
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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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Name	Mass	[illegible]	CPS	CPS RSD	% CPS	% Rec	QC Flag
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Laboratory Control Sample (LCS) Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Sample Report

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Sample Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Reference Sample Report

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Post Digestion Spike Sample (PDS) Report

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Hatna Soke Sample (M5) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Name	Mass	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Low Level Continuing Calibration Verification (LLCCV) Report

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Name	Mass	[illegible]	[illegible]	Conc.	[illegible]	[illegible]	[illegible]	[illegible]	QC Flag
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September 21, 2021

Analytical Report for Service Request No: K2110140

Jessica Goin
Anchor QEA, LLC
421 SW Sixth Ave.
Suite 750
Portland, OR 97204

RE: Grumman Road Treatability

Dear Jessica,

Enclosed are the results of the sample(s) submitted to our laboratory August 30, 2021
For your reference, these analyses have been assigned our service request number **K2110140.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3376. You may also contact me via email at Mark.Harris@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Mark Harris
Project Manager

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Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Case Narrative

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Client: Anchor QEA, LLC
Project: Grumman Road Treatability
Sample Matrix: Water

Service Request: K2110140
Date Received: 08/30/2021

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.

Sample Receipt:

Ten water samples were received for analysis at ALS Environmental on 08/30/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

General Chemistry:

No significant anomalies were noted with this analysis.

Approved by _____ Date 09/21/2021

Chain of Custody

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ALS Environmental

CHAIN OF CUSTODY

Cooler Receipt and Preservation Form

Client ANCHOR

Service Request K21 [redacted] KM

Received 8.30.21 Opened 8.30.21 By [illegible] Unpacked ____ By ____

1. Samples arrived within holding time: Yes / No
2. Sample container used to ship cooler: Cooler / Box / Envelope / Other / N/A
3. Were custody seals on cooler: N/A / Y / N — Were they signed and dated?
   If present, were they intact? Y / N — If present, were they signed and dated? Y / N
4. Were temperature blanks present in cooler: N/A / Y / N — If yes, record the temperature in the appropriate column below.
   How did the temperature of the representative sample bottles compared with the cooler blank? Refer to Form 1 Sample Form
5. Were samples received within the recommended holding time (refer to chart)? N/A / Y / N
   If no, were the holding times met when the samples were extracted or analyzed? (Indicate the exceedance in the DR) N/A / Y / N

Condition of sample upon receipt: Intact / Partially Damaged / Damaged

Temp Blank	Sample Temp	IR Gun	Cooler #/COC ID (circle)	Out of temp (circle one) Y/N	Pkt Initiated if out of temp	Tracking Number (circle)	Free
1.9	—	10.0 Z					

5. Cooler type: Insert / Bagged / Bubble Wrap / Gel Packs / Wet Ice / Dry Ice / Sleeves
7. Were custody papers properly filled out (ink, signature, etc.)? N/A / Y / N
8. Were samples received in good condition/cold? N/A / Y / N
9. Were all sample labels complete (analysis, preservation, etc.)? N/A / Y / N
10. Did all sample labels and bottles agree with custody papers? N/A / Y / N
11. Were appropriate bottles/containers and volumes received for the tests indicated? N/A / Y / N
12. Were the pH-preserved bottles (see SOP) checked and adjusted unless otherwise noted below? N/A / Y / N
13. Were VOA vials received without headspace? Indicate in the table below. N/A / Y / N
14. Were CN preserved? N/A / Y / N

Sample ID on Bottle	Sample ID on COC	Identified by

Sample ID	Bottle Count Bottle Type	Head-space	Broke	pH	Reagent	Volume added	Reagent Lot Number	Initials	Time

Notes, Discrepancies, Resolutions

General Chemistry

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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110140
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21
Sample Matrix:	Water	**Date Received:**	08/30/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Sulfate

Sample Name	Lab Code	Result		MRL	MDL	Dil.	Date Analyzed	Q
GR-GWC-15-120	K2110140-001	**51.1**		4.0	0.4	20	09/16/21 00:15	
GR-GWC-15-220	K2110140-003	**52.0**		4.0	0.4	20	09/16/21 00:27	
GR-GWC-15-1220	K2110140-004	**52.1**		4.0	0.4	20	09/16/21 00:39	
GR-GWC-15-320	K2110140-005	**95.9**		4.0	0.4	20	09/16/21 00:50	
GR-GWC-15-121	K2110140-007	**61.3**		4.0	0.4	20	09/16/21 01:02	
GR-GWC-15-221	K2110140-009	**59.3**		4.0	0.4	20	09/16/21 01:14	
GR-GWC-15-1221	K2110140-010	**63.8**		4.0	0.4	20	09/16/21 01:26	
Method Blank	K2110140-MB1	ND	U	0.20	0.02	1	09/15/21 12:47	
Method Blank	K2110140-MB2	ND	U	0.20	0.02	1	09/15/21 20:43	
Method Blank	K2110140-MB3	ND	U	0.20	0.02	1	09/16/21 05:01	

ALS Group USA, Corp.
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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110140
Project:	Grumman Road Treatability	**Date Analyzed:**	09/15/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Sulfate

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	738798

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2110140-LCS1	4.72	5.00	94	90-110
Lab Control Sample	K2110140-LCS2	5.02	5.00	100	90-110
Lab Control Sample	K2110140-LCS3	4.92	5.00	98	90-110

Client: Anchor QEA, LLC **Service Request:** K2110140
Project: Grumman Road Treatability

Continuing Calibration Verification (CCV) Summary

Sulfate

Analysis Method: 300.0 **Units:** mg/L

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	738798	KQ2118129-01	09/15/21 12:12	5.00	4.74	95	90-110
CCV2	738798	KQ2118129-02	09/15/21 14:31	5.00	4.87	97	90-110
CCV3	738798	KQ2118129-03	09/15/21 16:50	5.00	4.89	98	90-110
CCV4	738798	KQ2118129-04	09/15/21 19:10	5.00	4.90	98	90-110
CCV5	738798	KQ2118129-05	09/15/21 21:30	5.00	4.95	99	90-110
CCV6	738798	KQ2118129-06	09/15/21 23:51	5.00	4.88	98	90-110
CCV7	738798	KQ2118129-07	09/16/21 02:14	5.00	4.90	98	90-110
CCV8	738798	KQ2118129-08	09/16/21 04:37	5.00	4.93	99	90-110
CCV9	738798	KQ2118129-09	09/16/21 05:37	5.00	4.71	94	90-110

Client: Anchor QEA, LLC **Service Request:**K2110140
Project: Grumman Road Treatability

Continuing Calibration Blank (CCB) Summary
Sulfate

Analysis Method: 300.0 **Units:**mg/L

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	738798	KQ2118129-10	09/15/21 12:23	0.20	0.02	ND	U
CCB2	738798	KQ2118129-11	09/15/21 14:42	0.20	0.02	ND	U
CCB3	738798	KQ2118129-12	09/15/21 17:02	0.20	0.02	ND	U
CCB4	738798	KQ2118129-13	09/15/21 19:22	0.20	0.02	ND	U
CCB5	738798	KQ2118129-14	09/15/21 21:42	0.20	0.02	ND	U
CCB6	738798	KQ2118129-15	09/16/21 00:03	0.20	0.02	ND	U
CCB7	738798	KQ2118129-16	09/16/21 02:26	0.20	0.02	ND	U
CCB8	738798	KQ2118129-17	09/16/21 04:49	0.20	0.02	ND	U
CCB9	738798	KQ2118129-18	09/16/21 05:50	0.20	0.02	ND	U

Metals

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dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110140
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 15:40
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-120	**Basis:**	NA
Lab Code:	K2110140-001		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**210**	ug/L	2.5	0.5	5	09/20/21 17:29	09/10/21	
Iron	6020A	**176**	ug/L	10	2	5	09/20/21 17:29	09/10/21	
Molybdenum	6020A	**101**	ug/L	0.50	0.15	5	09/20/21 17:29	09/10/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110140
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 15:40
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-120	**Basis:**	NA
Lab Code:	K2110140-001		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**260**	ug/L	2.5	0.5	5	09/20/21 17:11	09/10/21	
Iron	6020A	**553**	ug/L	10	2	5	09/20/21 17:11	09/10/21	
Molybdenum	6020A	**96.0**	ug/L	0.50	0.15	5	09/20/21 17:11	09/10/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110140
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 15:45
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-1120	**Basis:**	NA
Lab Code:	K2110140-002		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**223**	ug/L	2.5	0.5	5	09/20/21 17:30	09/10/21	
Iron	6020A	**265**	ug/L	10	2	5	09/20/21 17:30	09/10/21	
Molybdenum	6020A	**101**	ug/L	0.50	0.15	5	09/20/21 17:30	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110140
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 16:05
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-220	**Basis:**	NA
Lab Code:	K2110140-003		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**196**	ug/L	2.5	0.5	5	09/20/21 17:31	09/10/21	
Iron	6020A	**94**	ug/L	10	2	5	09/20/21 17:31	09/10/21	
Molybdenum	6020A	**102**	ug/L	0.50	0.15	5	09/20/21 17:31	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110140
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 16:05
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-220	**Basis:**	NA
Lab Code:	K2110140-003		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**189**	ug/L	2.5	0.5	5	09/20/21 17:18	09/10/21	
Iron	6020A	**167**	ug/L	10	2	5	09/20/21 17:18	09/10/21	
Molybdenum	6020A	**93.4**	ug/L	0.50	0.15	5	09/20/21 17:18	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110140
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 16:10
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-1220	**Basis:**	NA
Lab Code:	K2110140-004		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**209**	ug/L	2.5	0.5	5	09/20/21 17:33	09/10/21	
Iron	6020A	**186**	ug/L	10	2	5	09/20/21 17:33	09/10/21	
Molybdenum	6020A	**102**	ug/L	0.50	0.15	5	09/20/21 17:33	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110140
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 16:10
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-1220	**Basis:**	NA
Lab Code:	K2110140-004		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**246**	ug/L	2.5	0.5	5	09/20/21 17:19	09/10/21	
Iron	6020A	**532**	ug/L	10	2	5	09/20/21 17:19	09/10/21	
Molybdenum	6020A	**93.5**	ug/L	0.50	0.15	5	09/20/21 17:19	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110140
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 16:25
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-320	**Basis:**	NA
Lab Code:	K2110140-005		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**190**	ug/L	2.5	0.5	5	09/20/21 17:34	09/10/21	
Iron	6020A	**143**	ug/L	10	2	5	09/20/21 17:34	09/10/21	
Molybdenum	6020A	**103**	ug/L	0.50	0.15	5	09/20/21 17:34	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110140
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 16:25
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-320	**Basis:**	NA
Lab Code:	K2110140-005		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**216**	ug/L	2.5	0.5	5	09/20/21 17:20	09/10/21	
Iron	6020A	**335**	ug/L	10	2	5	09/20/21 17:20	09/10/21	
Molybdenum	6020A	**94.7**	ug/L	0.50	0.15	5	09/20/21 17:20	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110140
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 16:30
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-1320	**Basis:**	NA
Lab Code:	K2110140-006		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**186**	ug/L	2.5	0.5	5	09/20/21 17:35	09/10/21	
Iron	6020A	**21**	ug/L	10	2	5	09/20/21 17:35	09/10/21	
Molybdenum	6020A	**105**	ug/L	0.50	0.15	5	09/20/21 17:35	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110140
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 17:15
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-121	**Basis:**	NA
Lab Code:	K2110140-007		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**58.3**	ug/L	2.5	0.5	5	09/20/21 17:37	09/10/21	
Iron	6020A	**50**	ug/L	10	2	5	09/20/21 17:37	09/10/21	
Molybdenum	6020A	**102**	ug/L	0.50	0.15	5	09/20/21 17:37	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110140
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 17:15
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-121	**Basis:**	NA
Lab Code:	K2110140-007		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**246**	ug/L	2.5	0.5	5	09/20/21 17:24	09/10/21	
Iron	6020A	**3240**	ug/L	10	2	5	09/20/21 17:24	09/10/21	
Molybdenum	6020A	**97.3**	ug/L	0.50	0.15	5	09/20/21 17:24	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110140
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 17:20
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-1121	**Basis:**	NA
Lab Code:	K2110140-008		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**44.9**	ug/L	2.5	0.5	5	09/20/21 17:41	09/10/21	
Iron	6020A	**83**	ug/L	10	2	5	09/20/21 17:41	09/10/21	
Molybdenum	6020A	**99.5**	ug/L	0.50	0.15	5	09/20/21 17:41	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110140
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 17:45
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-221	**Basis:**	NA
Lab Code:	K2110140-009		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**41.6**	ug/L	2.5	0.5	5	09/20/21 17:42	09/10/21	
Iron	6020A	**33**	ug/L	10	2	5	09/20/21 17:42	09/10/21	
Molybdenum	6020A	**102**	ug/L	0.50	0.15	5	09/20/21 17:42	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110140
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 17:45
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-221	**Basis:**	NA
Lab Code:	K2110140-009		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**194**	ug/L	2.5	0.5	5	09/20/21 17:26	09/10/21	
Iron	6020A	**2780**	ug/L	10	2	5	09/20/21 17:26	09/10/21	
Molybdenum	6020A	**94.5**	ug/L	0.50	0.15	5	09/20/21 17:26	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110140
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 17:50
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-1221	**Basis:**	NA
Lab Code:	K2110140-010		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**32.9**	ug/L	2.5	0.5	5	09/20/21 17:44	09/10/21	
Iron	6020A	**51**	ug/L	10	2	5	09/20/21 17:44	09/10/21	
Molybdenum	6020A	**100**	ug/L	0.50	0.15	5	09/20/21 17:44	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110140
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21 17:50
Sample Matrix:	Water	**Date Received:**	08/30/21 13:40
Sample Name:	GR-GWC-15-1221	**Basis:**	NA
Lab Code:	K2110140-010		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**141**	ug/L	2.5	0.5	5	09/20/21 17:27	09/10/21	
Iron	6020A	**2350**	ug/L	10	2	5	09/20/21 17:27	09/10/21	
Molybdenum	6020A	**98.6**	ug/L	0.50	0.15	5	09/20/21 17:27	09/10/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110140
Project:	Grumman Road Treatability	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2117260-01		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	0.50	0.09	1	09/20/21 17:08	09/10/21	
Iron	6020A	ND	U	ug/L	2.0	0.3	1	09/20/21 17:08	09/10/21	
Molybdenum	6020A	ND	U	ug/L	0.10	0.03	1	09/20/21 17:08	09/10/21	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110140
Project	Grumman Road Treatability	**Date Collected:**	08/27/21
Sample Matrix:	Water	**Date Received:**	08/30/21
		Date Analyzed:	09/20/21

Replicate Sample Summary
Total Metals

Sample Name:	GR-GWC-15-120	**Units:**	ug/L
Lab Code:	K2110140-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2117260-03 Result	Average	RPD	RPD Limit
Arsenic	6020A	2.5	0.5	260	254	257	2	20
Iron	6020A	10	2	553	549	551	<1	20
Molybdenum	6020A	0.50	0.15	96.0	94.0	95.0	2	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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Superset Reference:

ALS Group USA, Corp.
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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110140
Project:	Grumman Road Treatability	**Date Collected:**	08/27/21
Sample Matrix:	Water	**Date Received:**	08/30/21
		Date Analyzed:	09/20/21
		Date Extracted:	09/10/21

Matrix Spike Summary
Total Metals

Sample Name:	GR-GWC-15-120	**Units:**	ug/L
Lab Code:	K2110140-001	**Basis:**	NA
Analysis Method:	6020A		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2117260-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	260	291	50.0	62 #	75-125
Iron	553	573	50	40 #	75-125
Molybdenum	96.0	117	25.0	84	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110140
Project:	Grumman Road Treatability	**Date Analyzed:**	09/20/21
Sample Matrix:	Water		

Lab Control Sample Summary
Total Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2117260-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6020A	48.4	50.0	97	80-120
Iron	6020A	49.3	50.0	99	80-120
Molybdenum	6020A	26.0	25.0	104	80-120

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Prep Summary Report

Client: Anchor QEA, LLC **Service Request:** K2110140
Project: Grumman Road Treatability
Sample Matrix: Water

Metals

Prep Method: EPA CLP ILM04.0 **Extraction Lot:** 386801
Analytical Method: 6020A **Extraction Date:** 09/10/21 12:16

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Amount	Percent Solids
GR-GWC-15-120	K2110140-001	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-1120	K2110140-002	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-220	K2110140-003	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-1220	K2110140-004	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-320	K2110140-005	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-1320	K2110140-006	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-121	K2110140-007	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-1121	K2110140-008	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-221	K2110140-009	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-1221	K2110140-010	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-120	K2110140-001	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-220	K2110140-003	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-1220	K2110140-004	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-320	K2110140-005	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-121	K2110140-007	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-221	K2110140-009	8/27/21	8/30/21	10 mL	10 mL	
GR-GWC-15-1221	K2110140-010	8/27/21	8/30/21	10 mL	10 mL	
Method Blank	KQ2117260-01MB	NA	NA	10 mL	10 mL	
Lab Control Sample	KQ2117260-02LCS	NA	NA	10 mL	10.3 mL	
Duplicate	KQ2117260-03DUP	8/27/21	8/30/21	10 mL	10 mL	
Matrix Spike	KQ2117260-04MS	8/27/21	8/30/21	10 mL	10.3 mL	

Client: Anchor QEA, LLC **Service Request:** K2110140
Project: Grumman Road Treatability

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits
ICV 09/20/21 14:12						
Arsenic	6020A	739349	23.7	25.0	95	90-110
Iron	6020A	739349	48.1	50.0	96	90-110
Molybdenum	6020A	739349	24.5	25.0	98	90-110
CCV 09/20/21 14:14						
Arsenic	6020A	739349	25.3	25.0	101	90-110
Iron	6020A	739349	250	250	100	90-110
Molybdenum	6020A	739349	12.7	12.5	101	90-110
CCV 09/20/21 14:46						
Arsenic	6020A	739349	25.5	25.0	102	90-110
Iron	6020A	739349	253	250	101	90-110
Molybdenum	6020A	739349	12.6	12.5	101	90-110
CCV 09/20/21 15:02						
Arsenic	6020A	739349	25.6	25.0	103	90-110
Iron	6020A	739349	254	250	102	90-110
Molybdenum	6020A	739349	12.7	12.5	102	90-110
CCV 09/20/21 15:06						
Arsenic	6020A	739349	25.5	25.0	102	90-110
Iron	6020A	739349	256	250	102	90-110
Molybdenum	6020A	739349	12.6	12.5	100	90-110
CCV 09/20/21 15:24						
Arsenic	6020A	739349	25.5	25.0	102	90-110
Iron	6020A	739349	251	250	101	90-110
Molybdenum	6020A	739349	12.9	12.5	103	90-110
CCV 09/20/21 15:41						
Arsenic	6020A	739349	25.3	25.0	101	90-110
Iron	6020A	739349	250	250	100	90-110
Molybdenum	6020A	739349	12.7	12.5	102	90-110
CCV 09/20/21 15:49						
Arsenic	6020A	739349	25.9	25.0	103	90-110
Iron	6020A	739349	252	250	101	90-110
Molybdenum	6020A	739349	12.6	12.5	101	90-110
CCV 09/20/21 16:07						
Arsenic	6020A	739349	25.6	25.0	102	90-110
Iron	6020A	739349	251	250	100	90-110
Molybdenum	6020A	739349	12.7	12.5	102	90-110

Client: Anchor QEA, LLC **Service Request:** K2110140
Project: Grumman Road Treatability

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits
CCV 09/20/21 16:22						
Arsenic	6020A	739349	25.7	25.0	103	90-110
Iron	6020A	739349	255	250	102	90-110
Molybdenum	6020A	739349	12.7	12.5	102	90-110
CCV 09/20/21 16:40						
Arsenic	6020A	739349	25.7	25.0	103	90-110
Iron	6020A	739349	253	250	101	90-110
Molybdenum	6020A	739349	12.6	12.5	101	90-110
CCV 09/20/21 16:57						
Arsenic	6020A	739349	25.0	25.0	100	90-110
Iron	6020A	739349	247	250	99	90-110
Molybdenum	6020A	739349	12.2	12.5	98	90-110
CCV 09/20/21 17:04						
Arsenic	6020A	739349	24.6	25.0	98	90-110
Iron	6020A	739349	240	250	96	90-110
Molybdenum	6020A	739349	12.2	12.5	98	90-110
CCV 09/20/21 17:22						
Arsenic	6020A	739349	25.1	25.0	101	90-110
Iron	6020A	739349	251	250	100	90-110
Molybdenum	6020A	739349	12.3	12.5	98	90-110
CCV 09/20/21 17:38						
Arsenic	6020A	739349	26.4	25.0	105	90-110
Iron	6020A	739349	260	250	104	90-110
Molybdenum	6020A	739349	12.9	12.5	103	90-110
CCV 09/20/21 17:45						
Arsenic	6020A	739349	26.3	25.0	105	90-110
Iron	6020A	739349	257	250	103	90-110
Molybdenum	6020A	739349	12.9	12.5	103	90-110

Client: Anchor QEA, LLC **Service Request:** K2110140
Project: Grumman Road Treatability

INITIAL AND CONTINUING CALIBRATION BLANKS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	C
ICB 09/20/21 14:15				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
CCB 09/20/21 14:16				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
CCB 09/20/21 14:47				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
CCB 09/20/21 15:04				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
CCB 09/20/21 15:08				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
CCB 09/20/21 15:26				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
CCB 09/20/21 15:42				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
CCB 09/20/21 15:51				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
CCB 09/20/21 16:09				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U

Client: Anchor QEA, LLC **Service Request:** K2110140
Project: Grumman Road Treatability

INITIAL AND CONTINUING CALIBRATION BLANKS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	C
CCB 09/20/21 16:24				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
CCB 09/20/21 16:42				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
CCB 09/20/21 16:58				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
CCB 09/20/21 17:05				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
CCB 09/20/21 17:23				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
CCB 09/20/21 17:40				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
CCB 09/20/21 17:47				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U

Client: Anchor QEA, LLC **Service Request:** K2110140
Project: Grumman Road Treatability

LOW LEVEL INITIAL AND LOW LEVEL CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
LLICV							
Arsenic	6020A	739349	0.50	0.5	101	70-130	09/20/21 14:18
Iron	6020A	739349	2.3	2.0	116	70-130	09/20/21 14:18
Molybdenum	6020A	739349	0.098	0.1	98	70-130	09/20/21 14:18
LLCCV							
Arsenic	6020A	739349	0.52	0.5	104	70-130	09/20/21 15:09
Iron	6020A	739349	2.3	2.0	114	70-130	09/20/21 15:09
Molybdenum	6020A	739349	0.10	0.1	100	70-130	09/20/21 15:09
LLCCV							
Arsenic	6020A	739349	0.52	0.5	104	70-130	09/20/21 15:52
Iron	6020A	739349	2.2	2.0	112	70-130	09/20/21 15:52
Molybdenum	6020A	739349	0.10	0.1	104	70-130	09/20/21 15:52
LLCCV							
Arsenic	6020A	739349	0.54	0.5	108	70-130	09/20/21 16:25
Iron	6020A	739349	2.4	2.0	118	70-130	09/20/21 16:25
Molybdenum	6020A	739349	0.10	0.1	101	70-130	09/20/21 16:25
LLCCV							
Arsenic	6020A	739349	0.47	0.5	93	70-130	09/20/21 17:07
Iron	6020A	739349	2.1	2.0	105	70-130	09/20/21 17:07
Molybdenum	6020A	739349	0.11	0.1	108	70-130	09/20/21 17:07
LLCCV							
Arsenic	6020A	739349	0.51	0.5	103	70-130	09/20/21 17:48
Iron	6020A	739349	2.1	2.0	107	70-130	09/20/21 17:48
Molybdenum	6020A	739349	0.11	0.1	113	70-130	09/20/21 17:48

Client: Anchor QEA, LLC **Service Request:** K2110140
Project: Grumman Road Treatability

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSA **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Arsenic	6020A	739349	0.18	-	-	-	09/20/21 14:19
Iron	6020A	739349	47000	-	-	-	09/20/21 14:19
Molybdenum	6020A	739349	49.8	-	-	-	09/20/21 14:19

Client: Anchor QEA, LLC **Service Request:** K2110140
Project: Grumman Road Treatability

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSAB **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Arsenic	6020A	739349	24.0	25.0	96	80-120	09/20/21 14:20
Iron	6020A	739349	47200	-	-	-	09/20/21 14:20
Molybdenum	6020A	739349	50.1	-	-	-	09/20/21 14:20

Client: Anchor QEA, LLC **Service Request:** K2110140
Project: Grumman Road Treatability

POST SPIKE SAMPLE RECOVERY

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Post Spike Result	True Value	% Rec	% Rec. Limits	Analysis Date
K2110140-001A								
Arsenic	6020A	739349	52.0	94.8	50.0	85	80-120	09/20/21 17:15
Iron	6020A	739349	111	146	50	71	80-120	09/20/21 17:15
Molybdenum	6020A	739349	19.2	65.7	50.0	93	80-120	09/20/21 17:15

Results flagged with a pound (#) indicate the control criteria is not applicable.

Client: Anchor QEA, LLC **Service Request:** K2110140
Project: Grumman Road Treatability

ICP SERIAL DILUTIONS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Serial Dillution Result	% Diff	% Diff. Limit	Analysis Date
K2110140-001SDL							
Arsenic	6020A	739349	260	250	4	10	09/20/21 17:13
Iron	6020A	739349	553	530	4	10	09/20/21 17:13
Molybdenum	6020A	739349	96.0	90.6	6	10	09/20/21 17:13

Client: Anchor QEA, LLC **Service Request:** K2110140
Project: Grumman Road Treatability/

Detection Limits

Instrument: K-ICP-MS-06 **Matrix:** Water

Analyte	Mass	Units	MRL	MDL	Method
Arsenic	75	ug/L	0.5	0.09	6020A
Iron	56	ug/L	2	0.3	6020A
Molybdenum	95	ug/L	0.1	0.03	6020A

Client: Anchor QEA, LLC **Service Request:** K2110140
Project: Grumman Road Treatability/

ICP Linear Range (Quarterly)

Instrument: K-ICP-MS-06

Analyte	Concentration (ug/L)	Method
Arsenic 75	4500	6020A
Iron 56	45000	6020A
Molybdenum 95	4500	6020A

Client: Anchor QEA, LLC **Service Request:** K2110140
Project: Grumman Road Treatability/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **739349**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
ZZZZZZ	1	09/20/21 14:09			
ZZZZZZ	1	09/20/21 14:11			
ICV	1	09/20/21 14:12	X	X	X
CCV	1	09/20/21 14:14	X	X	X
ICB	1	09/20/21 14:15	X	X	X
CCB	1	09/20/21 14:16	X	X	X
LLICVW	1	09/20/21 14:18	X	X	X
ICSA	1	09/20/21 14:19	X	X	X
ICSAB	1	09/20/21 14:20	X	X	X
ZZZZZZ	1	09/20/21 14:22			
ZZZZZZ	1	09/20/21 14:32			
ZZZZZZ	1	09/20/21 14:33			
ZZZZZZ	5	09/20/21 14:35			
ZZZZZZ	5	09/20/21 14:36			
ZZZZZZ	25	09/20/21 14:37			
ZZZZZZ	5	09/20/21 14:39			
ZZZZZZ	5	09/20/21 14:40			
ZZZZZZ	5	09/20/21 14:41			
ZZZZZZ	5	09/20/21 14:43			
ZZZZZZ	5	09/20/21 14:44			
CCV	1	09/20/21 14:46	X	X	X
CCB	1	09/20/21 14:47	X	X	X
ZZZZZZ	5	09/20/21 14:48			
ZZZZZZ	5	09/20/21 14:50			
ZZZZZZ	5	09/20/21 14:51			
ZZZZZZ	5	09/20/21 14:53			
ZZZZZZ	5	09/20/21 14:54			
ZZZZZZ	5	09/20/21 14:55			
ZZZZZZ	5	09/20/21 14:57			
ZZZZZZ	5	09/20/21 14:58			
ZZZZZZ	5	09/20/21 15:00			
ZZZZZZ	5	09/20/21 15:01			
CCV	1	09/20/21 15:02	X	X	X
CCB	1	09/20/21 15:04	X	X	X
ZZZZZZ	5	09/20/21 15:05			
CCV	1	09/20/21 15:06	X	X	X
CCB	1	09/20/21 15:08	X	X	X

Client: Anchor QEA, LLC **Service Request:** K2110140
Project: Grumman Road Treatability/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **739349**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
LLCCVW	1	09/20/21 15:09	X	X	X
ZZZZZZ	1	09/20/21 15:11			
ZZZZZZ	1	09/20/21 15:12			
ZZZZZZ	5	09/20/21 15:13			
ZZZZZZ	5	09/20/21 15:15			
ZZZZZZ	25	09/20/21 15:16			
ZZZZZZ	5	09/20/21 15:17			
ZZZZZZ	5	09/20/21 15:19			
ZZZZZZ	5	09/20/21 15:20			
ZZZZZZ	5	09/20/21 15:22			
ZZZZZZ	5	09/20/21 15:23			
CCV	1	09/20/21 15:24	X	X	X
CCB	1	09/20/21 15:26	X	X	X
ZZZZZZ	5	09/20/21 15:27			
ZZZZZZ	5	09/20/21 15:29			
ZZZZZZ	5	09/20/21 15:30			
ZZZZZZ	5	09/20/21 15:31			
ZZZZZZ	5	09/20/21 15:33			
ZZZZZZ	5	09/20/21 15:34			
ZZZZZZ	5	09/20/21 15:35			
ZZZZZZ	5	09/20/21 15:37			
ZZZZZZ	5	09/20/21 15:38			
ZZZZZZ	5	09/20/21 15:40			
CCV	1	09/20/21 15:41	X	X	X
CCB	1	09/20/21 15:42	X	X	X
ZZZZZZ	5	09/20/21 15:44			
ZZZZZZ	5	09/20/21 15:45			
ZZZZZZ	5	09/20/21 15:46			
ZZZZZZ	5	09/20/21 15:48			
CCV	1	09/20/21 15:49	X	X	X
CCB	1	09/20/21 15:51	X	X	X
LLCCVW	1	09/20/21 15:52	X	X	X
ZZZZZZ	1	09/20/21 15:53			
ZZZZZZ	1	09/20/21 15:55			
ZZZZZZ	5	09/20/21 15:56			
ZZZZZZ	5	09/20/21 15:57			
ZZZZZZ	25	09/20/21 15:59			

Client: Anchor QEA, LLC **Service Request:** K2110140
Project: Grumman Road Treatability/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **739349**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
ZZZZZZ	5	09/20/21 16:00			
ZZZZZZ	5	09/20/21 16:02			
ZZZZZZ	5	09/20/21 16:03			
ZZZZZZ	5	09/20/21 16:04			
ZZZZZZ	5	09/20/21 16:06			
CCV	1	09/20/21 16:07	X	X	X
CCB	1	09/20/21 16:09	X	X	X
ZZZZZZ	5	09/20/21 16:10			
ZZZZZZ	5	09/20/21 16:11			
ZZZZZZ	5	09/20/21 16:13			
ZZZZZZ	5	09/20/21 16:14			
ZZZZZZ	5	09/20/21 16:15			
ZZZZZZ	5	09/20/21 16:17			
ZZZZZZ	5	09/20/21 16:18			
ZZZZZZ	5	09/20/21 16:20			
ZZZZZZ	5	09/20/21 16:21			
CCV	1	09/20/21 16:22	X	X	X
CCB	1	09/20/21 16:24	X	X	X
LLCCVW	1	09/20/21 16:25	X	X	X
ZZZZZZ	1	09/20/21 16:27			
ZZZZZZ	1	09/20/21 16:28			
ZZZZZZ	5	09/20/21 16:29			
ZZZZZZ	5	09/20/21 16:31			
ZZZZZZ	25	09/20/21 16:32			
ZZZZZZ	5	09/20/21 16:33			
ZZZZZZ	5	09/20/21 16:35			
ZZZZZZ	5	09/20/21 16:36			
ZZZZZZ	5	09/20/21 16:38			
ZZZZZZ	5	09/20/21 16:39			
CCV	1	09/20/21 16:40	X	X	X
CCB	1	09/20/21 16:42	X	X	X
ZZZZZZ	5	09/20/21 16:43			
ZZZZZZ	5	09/20/21 16:44			
ZZZZZZ	5	09/20/21 16:46			
ZZZZZZ	5	09/20/21 16:47			
ZZZZZZ	5	09/20/21 16:49			
ZZZZZZ	5	09/20/21 16:50			

Client: Anchor QEA, LLC **Service Request:** K2110140
Project: Grumman Road Treatability/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **739349**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
ZZZZZZ	5	09/20/21 16:51			
ZZZZZZ	5	09/20/21 16:53			
ZZZZZZ	5	09/20/21 16:54			
ZZZZZZ	5	09/20/21 16:55			
CCV	1	09/20/21 16:57	X	X	X
CCB	1	09/20/21 16:58	X	X	X
ZZZZZZ	5	09/20/21 17:00			
ZZZZZZ	5	09/20/21 17:01			
ZZZZZZ	5	09/20/21 17:02			
CCV	1	09/20/21 17:04	X	X	X
CCB	1	09/20/21 17:05	X	X	X
LLCCVW	1	09/20/21 17:07	X	X	X
KQ2117260-01MB	1	09/20/21 17:08	X	X	X
KQ2117260-02LCS	1	09/20/21 17:09	X	X	X
K2110140-001	5	09/20/21 17:11	X	X	X
K2110140-001DUP	5	09/20/21 17:12	X	X	X
K2110140-001SDL	25	09/20/21 17:13	X	X	X
K2110140-001PS	5	09/20/21 17:15	X	X	X
K2110140-001MS	5	09/20/21 17:16	X	X	X
K2110140-003	5	09/20/21 17:18	X	X	X
K2110140-004	5	09/20/21 17:19	X	X	X
K2110140-005	5	09/20/21 17:20	X	X	X
CCV	1	09/20/21 17:22	X	X	X
CCB	1	09/20/21 17:23	X	X	X
K2110140-007	5	09/20/21 17:24	X	X	X
K2110140-009	5	09/20/21 17:26	X	X	X
K2110140-010	5	09/20/21 17:27	X	X	X
K2110140-001	5	09/20/21 17:29	X	X	X
K2110140-002	5	09/20/21 17:30	X	X	X
K2110140-003	5	09/20/21 17:31	X	X	X
K2110140-004	5	09/20/21 17:33	X	X	X
K2110140-005	5	09/20/21 17:34	X	X	X
K2110140-006	5	09/20/21 17:35	X	X	X
K2110140-007	5	09/20/21 17:37	X	X	X
CCV	1	09/20/21 17:38	X	X	X
CCB	1	09/20/21 17:40	X	X	X
K2110140-008	5	09/20/21 17:41	X	X	X

Client: Anchor QEA, LLC **Service Request:** K2110140
Project: Grumman Road Treatability/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **739349**

Sample	Dilution Factor	Date/Time	As	Fe	Mo
K2110140-009	5	09/20/21 17:42	X	X	X
K2110140-010	5	09/20/21 17:44	X	X	X
CCV	1	09/20/21 17:45	X	X	X
CCB	1	09/20/21 17:47	X	X	X
LLCCVW	1	09/20/21 17:48	X	X	X

Client: Anchor QEA, LLC **Service Request:** K2110140
Project: Grumman Road Treatability/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **739349**

Sample	Date/Time	Ge72He	In115He
ZZZZZZ	09/20/21 14:09		
ZZZZZZ	09/20/21 14:11		
ICV	09/20/21 14:12	100	98
CCV	09/20/21 14:14	98	98
ICB	09/20/21 14:15	98	98
CCB	09/20/21 14:16	95	96
LLICVW	09/20/21 14:18	95	97
ICSA	09/20/21 14:19	93	91
ICSAB	09/20/21 14:20	93	92
ZZZZZZ	09/20/21 14:22		
ZZZZZZ	09/20/21 14:32		
ZZZZZZ	09/20/21 14:33		
ZZZZZZ	09/20/21 14:35		
ZZZZZZ	09/20/21 14:36		
ZZZZZZ	09/20/21 14:37		
ZZZZZZ	09/20/21 14:39		
ZZZZZZ	09/20/21 14:40		
ZZZZZZ	09/20/21 14:41		
ZZZZZZ	09/20/21 14:43		
ZZZZZZ	09/20/21 14:44		
CCV	09/20/21 14:46	102	102
CCB	09/20/21 14:47	104	101
ZZZZZZ	09/20/21 14:48		
ZZZZZZ	09/20/21 14:50		
ZZZZZZ	09/20/21 14:51		
ZZZZZZ	09/20/21 14:53		
ZZZZZZ	09/20/21 14:54		
ZZZZZZ	09/20/21 14:55		
ZZZZZZ	09/20/21 14:57		
ZZZZZZ	09/20/21 14:58		
ZZZZZZ	09/20/21 15:00		
ZZZZZZ	09/20/21 15:01		
CCV	09/20/21 15:02	105	105
CCB	09/20/21 15:04	103	103
ZZZZZZ	09/20/21 15:05		
CCV	09/20/21 15:06	101	101
CCB	09/20/21 15:08	102	100

Client: Anchor QEA, LLC **Service Request:** K2110140
Project: Grumman Road Treatability/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **739349**

Sample	Date/Time	Ge72He	In115He
LLCCVW	09/20/21 15:09	100	101
ZZZZZZ	09/20/21 15:11		
ZZZZZZ	09/20/21 15:12		
ZZZZZZ	09/20/21 15:13		
ZZZZZZ	09/20/21 15:15		
ZZZZZZ	09/20/21 15:16		
ZZZZZZ	09/20/21 15:17		
ZZZZZZ	09/20/21 15:19		
ZZZZZZ	09/20/21 15:20		
ZZZZZZ	09/20/21 15:22		
ZZZZZZ	09/20/21 15:23		
CCV	09/20/21 15:24	107	106
CCB	09/20/21 15:26	105	106
ZZZZZZ	09/20/21 15:27		
ZZZZZZ	09/20/21 15:29		
ZZZZZZ	09/20/21 15:30		
ZZZZZZ	09/20/21 15:31		
ZZZZZZ	09/20/21 15:33		
ZZZZZZ	09/20/21 15:34		
ZZZZZZ	09/20/21 15:35		
ZZZZZZ	09/20/21 15:37		
ZZZZZZ	09/20/21 15:38		
ZZZZZZ	09/20/21 15:40		
CCV	09/20/21 15:41	107	105
CCB	09/20/21 15:42	106	104
ZZZZZZ	09/20/21 15:44		
ZZZZZZ	09/20/21 15:45		
ZZZZZZ	09/20/21 15:46		
ZZZZZZ	09/20/21 15:48		
CCV	09/20/21 15:49	106	107
CCB	09/20/21 15:51	106	105
LLCCVW	09/20/21 15:52	103	104
ZZZZZZ	09/20/21 15:53		
ZZZZZZ	09/20/21 15:55		
ZZZZZZ	09/20/21 15:56		
ZZZZZZ	09/20/21 15:57		
ZZZZZZ	09/20/21 15:59		

Client: Anchor QEA, LLC **Service Request:** K2110140
Project: Grumman Road Treatability/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **739349**

Sample	Date/Time	Ge72He	In115He
ZZZZZZ	09/20/21 16:00		
ZZZZZZ	09/20/21 16:02		
ZZZZZZ	09/20/21 16:03		
ZZZZZZ	09/20/21 16:04		
ZZZZZZ	09/20/21 16:06		
CCV	09/20/21 16:07	107	106
CCB	09/20/21 16:09	105	103
ZZZZZZ	09/20/21 16:10		
ZZZZZZ	09/20/21 16:11		
ZZZZZZ	09/20/21 16:13		
ZZZZZZ	09/20/21 16:14		
ZZZZZZ	09/20/21 16:15		
ZZZZZZ	09/20/21 16:17		
ZZZZZZ	09/20/21 16:18		
ZZZZZZ	09/20/21 16:20		
ZZZZZZ	09/20/21 16:21		
CCV	09/20/21 16:22	110	109
CCB	09/20/21 16:24	107	108
LLCCVW	09/20/21 16:25	105	106
ZZZZZZ	09/20/21 16:27		
ZZZZZZ	09/20/21 16:28		
ZZZZZZ	09/20/21 16:29		
ZZZZZZ	09/20/21 16:31		
ZZZZZZ	09/20/21 16:32		
ZZZZZZ	09/20/21 16:33		
ZZZZZZ	09/20/21 16:35		
ZZZZZZ	09/20/21 16:36		
ZZZZZZ	09/20/21 16:38		
ZZZZZZ	09/20/21 16:39		
CCV	09/20/21 16:40	102	102
CCB	09/20/21 16:42	101	103
ZZZZZZ	09/20/21 16:43		
ZZZZZZ	09/20/21 16:44		
ZZZZZZ	09/20/21 16:46		
ZZZZZZ	09/20/21 16:47		
ZZZZZZ	09/20/21 16:49		
ZZZZZZ	09/20/21 16:50		

Client: Anchor QEA, LLC **Service Request:** K2110140
Project: Grumman Road Treatability/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **739349**

Sample	Date/Time	Ge72He	In115He
ZZZZZZ	09/20/21 16:51		
ZZZZZZ	09/20/21 16:53		
ZZZZZZ	09/20/21 16:54		
ZZZZZZ	09/20/21 16:55		
CCV	09/20/21 16:57	101	101
CCB	09/20/21 16:58	100	101
ZZZZZZ	09/20/21 17:00		
ZZZZZZ	09/20/21 17:01		
ZZZZZZ	09/20/21 17:02		
CCV	09/20/21 17:04	101	101
CCB	09/20/21 17:05	99	98
LLCCVW	09/20/21 17:07	101	100
KQ2117260-01MB	09/20/21 17:08	100	102
KQ2117260-02LCS	09/20/21 17:09	102	101
K2110140-001	09/20/21 17:11	99	99
K2110140-001DUP	09/20/21 17:12	99	99
K2110140-001SDL	09/20/21 17:13	102	102
K2110140-001PS	09/20/21 17:15	102	102
K2110140-001MS	09/20/21 17:16	103	102
K2110140-003	09/20/21 17:18	101	101
K2110140-004	09/20/21 17:19	102	100
K2110140-005	09/20/21 17:20	99	97
CCV	09/20/21 17:22	101	103
CCB	09/20/21 17:23	104	104
K2110140-007	09/20/21 17:24	103	101
K2110140-009	09/20/21 17:26	104	102
K2110140-010	09/20/21 17:27	103	101
K2110140-001	09/20/21 17:29	100	99
K2110140-002	09/20/21 17:30	101	99
K2110140-003	09/20/21 17:31	100	99
K2110140-004	09/20/21 17:33	102	100
K2110140-005	09/20/21 17:34	98	98
K2110140-006	09/20/21 17:35	98	97
K2110140-007	09/20/21 17:37	105	104
CCV	09/20/21 17:38	103	105
CCB	09/20/21 17:40	103	103
K2110140-008	09/20/21 17:41	101	101

Client: Anchor QEA, LLC **Service Request:** K2110140
Project: Grumman Road Treatability/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **739349**

Sample	Date/Time	Ge72He	In115He
K2110140-009	09/20/21 17:42	99	98
K2110140-010	09/20/21 17:44	100	98
CCV	09/20/21 17:45	102	101
CCB	09/20/21 17:47	100	101
LLCCVW	09/20/21 17:48	101	102

Raw Data

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

General Chemistry

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
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www.alsglobal.com

	Yes	No	N/A
[illegible]			
1. Holding times met for all samples analyzed?			
2. Analysis [illegible]			
3. Were results within [illegible]?			
a. Does [illegible] GUARP apply?			
4. Are [illegible]			
5. Are [illegible]			
a. Method blanks [illegible] and [illegible]			
b. The proper frequency?			
c. Are [illegible]			
d. Are [illegible]			
e. Are [illegible]			
6. Are [illegible]			

CAS [illegible] Ion Chromatography

G1: Sample was analyzed [illegible] See [illegible]

G2: Sample was analyzed [illegible] analysis was performed [illegible] holding time

G4: Sample was [illegible] holding time

F1: High RPD [illegible]

I: [illegible]

I: Sample [illegible]

LCS	[illegible]	[illegible]	[illegible]
Fluoride	True Value: [illegible]	[illegible]	
Chloride	True Value: [illegible]	[illegible]	
Nitrite	True Value: [illegible]	[illegible]	
Bromide	True Value: [illegible]	[illegible]	
Nitrate	True Value: [illegible]	[illegible]	
Sulfate	True Value: [illegible]	[illegible]	

CCV	[illegible]	[illegible]	[illegible]
Fluoride	True Value: [illegible]	[illegible]	
Chloride	True Value: [illegible]	[illegible]	
Nitrite	True Value: [illegible]	[illegible]	
Bromide	True Value: [illegible]	[illegible]	
Nitrate	True Value: [illegible]	[illegible]	
Sulfate	True Value: [illegible]	[illegible]	

Spike			
200 ppm	[illegible]	[illegible]	[illegible]
Fluoride	[illegible]		
Chloride	[illegible]		
Nitrite	[illegible]		
Bromide	[illegible]		
Nitrate	[illegible]		
Sulfate	[illegible]		

Reviewed	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Analyst [illegible] Date [illegible]

Lab Reviewer [illegible] Date [illegible]

Lab Director [illegible] Date [illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Template: [illegible]

Lab Code	Parent Sample Name	QC	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DF	MDL	RDL	Notes	% RSD	Date Analyzed	QC?	Run
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]

* [illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Technique: [illegible]

Lab Code	Analyte Name	QC	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	PQL	% Rec	%RSD	Date Analyzed	QC?	Int
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]

[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Textcode: [illegible]

Lab Code	Client Analyte	SR	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	DF	MDL	RDL	% Rec	% RSD	Date Analyzed	QC?	Int
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]

[illegible]

Report [illegible] Page [illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Testcode: [illegible]

Lab Code	Target Analyte	MDL	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Det
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]						[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]						[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		Ground Water	[illegible]	[illegible]	[illegible]	1					[illegible]	N	[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Testcode: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	RDL	% Rec	% RSD	Date Analyzed	QC?	Inc
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lab: [illegible] Method/Protocol: [illegible]

Lab Code	Parent Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	MDL	PQL	% Rec	%RSD	Date Analyzed	QC?	Qual
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	B

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method/Testcode: [illegible]

Lab Code	Target Analyte	QS	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DF	MDL	RDL	% Rec	% RSD	Date Analyzed	Qual	Corr
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible] Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Reference: [illegible]

Lab Sample	Target Analyte	RL	Target Quantity	Matrix	Raw Result	Sample Amt.	Final Result	DF	MDL	PQL	Notes	Qualifier	Date Analyzed	QC	Use
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	I
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	I
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	I
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	I
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	B
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	B
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	B
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	B
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	B
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	B
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	B
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	B
[illegible]	[illegible]	[illegible]	[illegible]	Ground Water	[illegible]	Null	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	B

[illegible]

[illegible] [illegible] Page [illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Template: [illegible]

Lab Code	Target Analyte	QL	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Tag
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	[illegible]

Operator: [illegible]
Date: [illegible]
Location: [illegible]
Timebase: [illegible]
Sample: [illegible]

No.	Name	Type	Pos.	Temp.	Injector	Method	Status	Date/Time
1	[illegible]	Standard	1	25.0	epa300	epa300	Finished	[illegible]
2	[illegible]	Standard	2	25.0	epa300	epa300	Finished	[illegible]
3	[illegible]	Standard	3	25.0	epa300	epa300	Finished	[illegible]
4	[illegible]	Standard	4	25.0	epa300	epa300	Finished	[illegible]
5	[illegible]	Standard	5	25.0	epa300	epa300	Finished	[illegible]
6	[illegible]	Standard	6	25.0	epa300	epa300	Finished	[illegible]
7	[illegible]	Standard	7	25.0	epa300	epa300	Finished	[illegible]
8	[illegible]	Standard	8	25.0	epa300	epa300	Finished	[illegible]
9	[illegible]	Unknown	45	25.0	epa300	epa300	Finished	[illegible]
10	[illegible]	Unknown	47	25.0	epa300	epa300	Finished	[illegible]
11	[illegible]	Unknown	2	25.0	epa300	epa300	Finished	[illegible]
12	[illegible]	Unknown	1	25.0	epa300	epa300	Finished	[illegible]
13	[illegible]	Unknown	3	25.0	epa300	epa300	Finished	[illegible]
14	[illegible]	Unknown	50	25.0	epa300	epa300	Finished	[illegible]
15	[illegible]	Unknown	4	25.0	epa300	epa300	Finished	[illegible]
16	[illegible]	Unknown	5	25.0	epa300	epa300	Finished	[illegible]
17	[illegible]	Unknown	6	25.0	epa300	epa300	Finished	[illegible]
18	[illegible]	Unknown	7	25.0	epa300	epa300	Finished	[illegible]
19	[illegible]	Unknown	8	25.0	epa300	epa300	Finished	[illegible]
20	[illegible]	Unknown	9	25.0	epa300	epa300	Finished	[illegible]
21	[illegible]	Unknown	48	25.0	epa300	epa300	Finished	[illegible]
22	[illegible]	Unknown	49	25.0	epa300	epa300	Finished	[illegible]
23	[illegible]	Unknown	10	25.0	epa300	epa300	Finished	[illegible]
24	[illegible]	Unknown	11	25.0	epa300	epa300	Finished	[illegible]
25	[illegible]	Unknown	12	25.0	epa300	epa300	Finished	[illegible]
26	[illegible]	Unknown	13	25.0	epa300	epa300	Finished	[illegible]
27	[illegible]	Unknown	14	25.0	epa300	epa300	Finished	[illegible]
28	[illegible]	Unknown	15	25.0	epa300	epa300	Finished	[illegible]
29	[illegible]	Unknown	16	25.0	epa300	epa300	Finished	[illegible]
30	[illegible]	Unknown	17	25.0	epa300	epa300	Finished	[illegible]
31	[illegible]	Unknown	18	25.0	epa300	epa300	Finished	[illegible]
32	[illegible]	Unknown	19	25.0	epa300	epa300	Finished	[illegible]
33	[illegible]	Unknown	46	25.0	epa300	epa300	Finished	[illegible]
34	[illegible]	Unknown	47	25.0	epa300	epa300	Finished	[illegible]
35	[illegible]	Unknown	20	25.0	epa300	epa300	Finished	[illegible]
36	[illegible]	Unknown	21	25.0	epa300	epa300	Finished	[illegible]
37	[illegible]	Unknown	22	25.0	epa300	epa300	Finished	[illegible]
38	[illegible]	Unknown	23	25.0	epa300	epa300	Finished	[illegible]
39	[illegible]	Unknown	24	25.0	epa300	epa300	Finished	[illegible]
40	[illegible]	Unknown	25	25.0	epa300	epa300	Finished	[illegible]
41	[illegible]	Unknown	26	25.0	epa300	epa300	Finished	[illegible]
42	[illegible]	Unknown	27	25.0	epa300	epa300	Finished	[illegible]

Date
Data source: [illegible]
Location: [illegible]
Timebase: [illegible]
Samples: [illegible]

Overlay: [illegible]
Last update: [illegible]

No	Name	D	Range	Offset
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4	[illegible]		[illegible]	[illegible]
5	[illegible]		[illegible]	[illegible]
6	[illegible]		[illegible]	[illegible]
7	[illegible]		[illegible]	[illegible]
8	[illegible]		[illegible]	[illegible]
9	[illegible]		[illegible]	
10	[illegible]		[illegible]	
11	[illegible]		[illegible]	
12	[illegible]		[illegible]	
13	[illegible]		[illegible]	[illegible]
14	[illegible]		[illegible]	
15	[illegible]		[illegible]	[illegible]
16	[illegible]		[illegible]	
17	[illegible]		[illegible]	[illegible]
18	[illegible]		[illegible]	[illegible]
19	[illegible]		[illegible]	[illegible]
20	[illegible]		[illegible]	[illegible]
21	[illegible]		[illegible]	
22	[illegible]		[illegible]	
23	[illegible]		[illegible]	
24	[illegible]		[illegible]	
25	[illegible]		[illegible]	
26	[illegible]		[illegible]	
27	[illegible]		[illegible]	
28	[illegible]		[illegible]	
29	[illegible]		[illegible]	
30	[illegible]		[illegible]	
31	[illegible]		[illegible]	
32	[illegible]		[illegible]	
33	[illegible]		[illegible]	
34	[illegible]		[illegible]	
35	[illegible]		[illegible]	
36	[illegible]		[illegible]	
37	[illegible]		[illegible]	
38	[illegible]		[illegible]	
39	[illegible]		[illegible]	
40	[illegible]		[illegible]	
41	[illegible]		[illegible]	
42	[illegible]		[illegible]	

[illegible]

Time
Data [illegible]
Location [illegible]
Interrupt [illegible] Cycles [illegible]
Samples [illegible] Last Update [illegible]

No.	Name	Type	Pid	Pri	Vs	Program	Method	Status	Start Time
43	[illegible]	Unknown	28	25	0	epa300	epa300	Finished	[illegible] 6:47:04 PM
44	[illegible]	Unknown	29	25	0	epa300	epa300	Running	[illegible] 6:58:09 PM
45	[illegible]	Unknown	48	25	0	epa300	epa300	Finished	[illegible] PM
46	[illegible]	Unknown	49	25	0	epa300	epa300	Running	[illegible] 7:22:08 PM
47	[illegible]	Unknown	30	25	0	epa300	epa300	Finished	[illegible] PM
48	[illegible]	Unknown	31	25	0	epa300	epa300	Finished	[illegible] 1:45:43 PM
49	[illegible]	Unknown	32	25	0	epa300	epa300	Running	[illegible]
50	[illegible]	Unknown	33	25	0	epa300	epa300	Finished	[illegible] 5:28:50 PM
51	[illegible]	Unknown	34	25	0	epa300	epa300	Finished	[illegible] 8:20:37 PM
52	[illegible]	Unknown	2	25	0	epa300	epa300	Finished	[illegible] 5:37:02 PM
53	[illegible]	Unknown	1	25	0	epa300	epa300	Finished	[illegible] 9:43:33 PM
54	[illegible]	Unknown	35	25	0	epa300	epa300	Finished	[illegible] 8:33:43 PM
55	[illegible]	Unknown	36	25	0	epa300	epa300	Finished	[illegible] 9:07:37 PM
56	[illegible]	Unknown	37	25	0	epa300	epa300	Running	[illegible] 9:19:03 PM
57	[illegible]	Unknown	46	25	0	epa300	epa300	Finished	[illegible] 9:30:54 PM
58	[illegible]	Unknown	47	25	0	epa300	epa300	Running	[illegible] 9:43:54 PM
59	[illegible]	Unknown	50	25	0	epa300	epa300	Finished	[illegible] 9:54:58 PM
60	[illegible]	Unknown	38	25	0	epa300	epa300	Running	[illegible] 10:20:43 PM
61	[illegible]	Unknown	39	25	0	epa300	epa300	Finished	[illegible]
62	[illegible]	Unknown	40	25	0	epa300	epa300	Running	[illegible] 5:39:53 PM
63	[illegible]	Unknown	41	25	0	epa300	epa300	Running	[illegible]
64	[illegible]	Unknown	42	25	0	epa300	epa300	Finished	[illegible] 5:53:24 PM
65	[illegible]	Unknown	43	25	0	epa300	epa300	Running	[illegible]
66	[illegible]	Unknown	44	25	0	epa300	epa300	Finished	[illegible]
67	[illegible]	Unknown	45	25	0	epa300	epa300	Finished	[illegible]
68	[illegible]	Unknown	50	25	0	epa300	epa300	Running	[illegible] 36:36 PM
69	[illegible]	Unknown	48	25	0	epa300	epa300	Finished	[illegible]
70	[illegible]	Unknown	49	25	0	epa300	epa300	Running	[illegible] 12:01:36 AM
71	[illegible]	Unknown	3	25	0	epa300	epa300	Finished	[illegible] 12:15:08 AM
72	[illegible]	Unknown	4	25	0	epa300	epa300	Finished	[illegible] 12:37:51 AM
73	[illegible]	Unknown	5	25	0	epa300	epa300	Running	[illegible] 12:56:10 AM
74	[illegible]	Unknown	6	25	0	epa300	epa300	Finished	[illegible] 12:50:59 AM
75	[illegible]	Unknown	7	25	0	epa300	epa300	Running	[illegible]
76	[illegible]	Unknown	8	25	0	epa300	epa300	Finished	[illegible]
77	[illegible]	Unknown	9	25	0	epa300	epa300	Finished	[illegible] 1:36:36 AM
78	[illegible]	Unknown	50	25	0	epa300	epa300	Finished	[illegible] 1:38:15 AM
79	[illegible]	Unknown	51	25	0	epa300	epa300	Finished	[illegible] 1:50:29 AM
80	[illegible]	Unknown	52	25	0	epa300	epa300	Running	[illegible]
81	[illegible]	Unknown	44	25	0	epa300	epa300	Finished	[illegible] 2:14:15 AM
82	[illegible]	Unknown	45	25	0	epa300	epa300	Finished	[illegible] 2:20:12 AM
83	[illegible]	Unknown	53	25	0	epa300	epa300	Finished	[illegible] 2:38:49 AM
84	[illegible]	Unknown	54	25	0	epa300	epa300	Finished	[illegible] 2:12:45 AM

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Location [illegible]
Timecode [illegible] Studio [illegible]
Interpret [illegible] Edit Date [illegible]

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Copyright © [illegible] Corporation Version [illegible]

Job
Contractor [illegible]
Location [illegible]
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Week Ending [illegible]
Created [illegible]
Last Updated [illegible]

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Sequence	[illegible]		
Operator	[illegible]		
Title			
Subsequence	[illegible]		
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90	[illegible]	[illegible]
91	[illegible]	[illegible]
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96	[illegible]	[illegible]
97	[illegible]	[illegible]
98	[illegible]	[illegible]
99	[illegible]	[illegible]

Service Requested	Client/Hotel/Tour	Areas	1st Del	2nd Del	Recovery	Done
		F Cl NO3 Br NO2 SO4				
		F Cl NO3 Br NO2 SO4				
		F Cl NO3 Br NO2 SO4				
		F Cl NO3 Br NO2 SO4				
		F Cl NO3 Br NO2 SO4				
		F Cl NO3 Br NO2 SO4				
		F Cl NO3 Br NO2 SO4				
		F Cl NO3 Br NO2 SO4				
		F Cl NO3 Br NO2 SO4				
		F Cl NO3 Br NO2 SO4				

Sequence

Page

Statistics Required	Changes/Modifications	Groups	1st Qtl	2nd Qtl	Recovery	Done
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				

Sequence

Run

Service Request	Chemistries/Tier	Anion	1st Col	2nd Col	Recovery	Qtrm
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				

Sample Weight(g)	Chem/Mylar/Tap	Anion	1st Dil	2nd Dil	Recovery	Done
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 PO4				
		F Cl NO2 Br NO3 PO4				

Sample Number	Client/Notes/Time	Anion	1st Dil	2nd Dil	Recovery	Dilution
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
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		Br				
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		Br				
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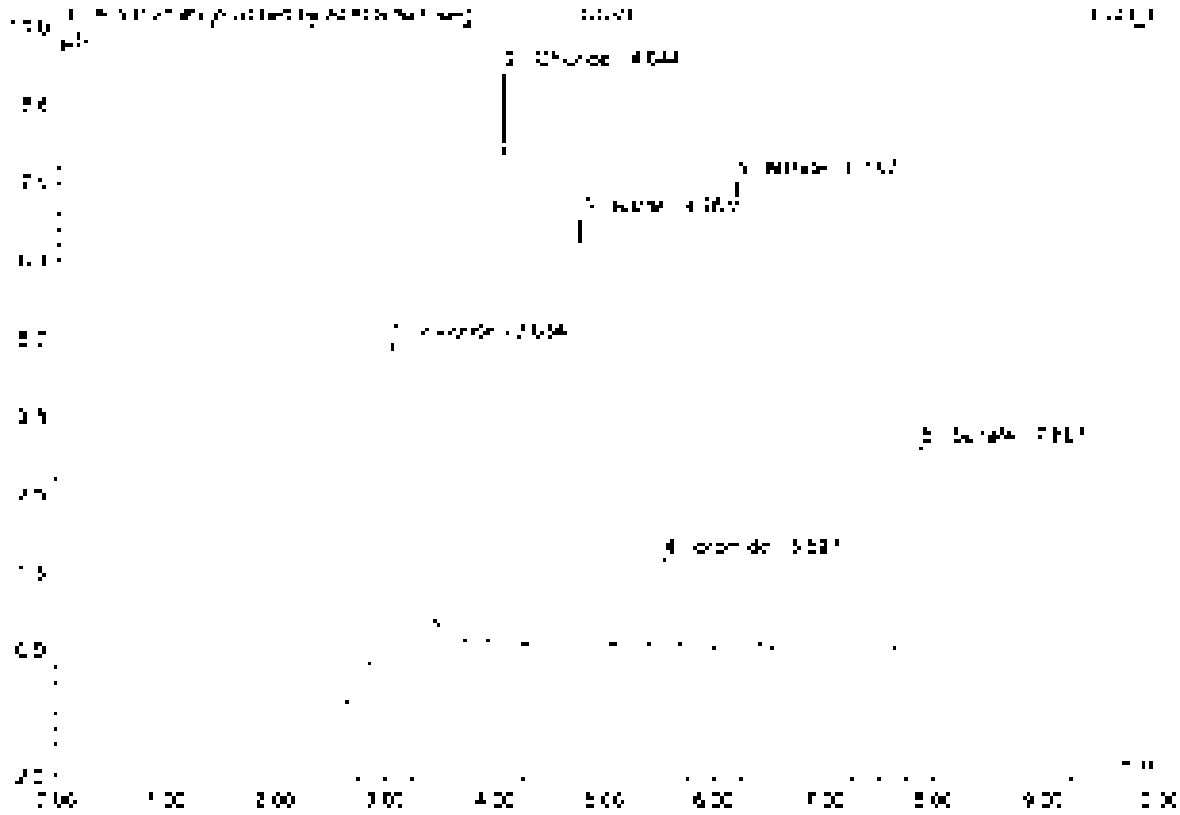
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				

9 CCV1

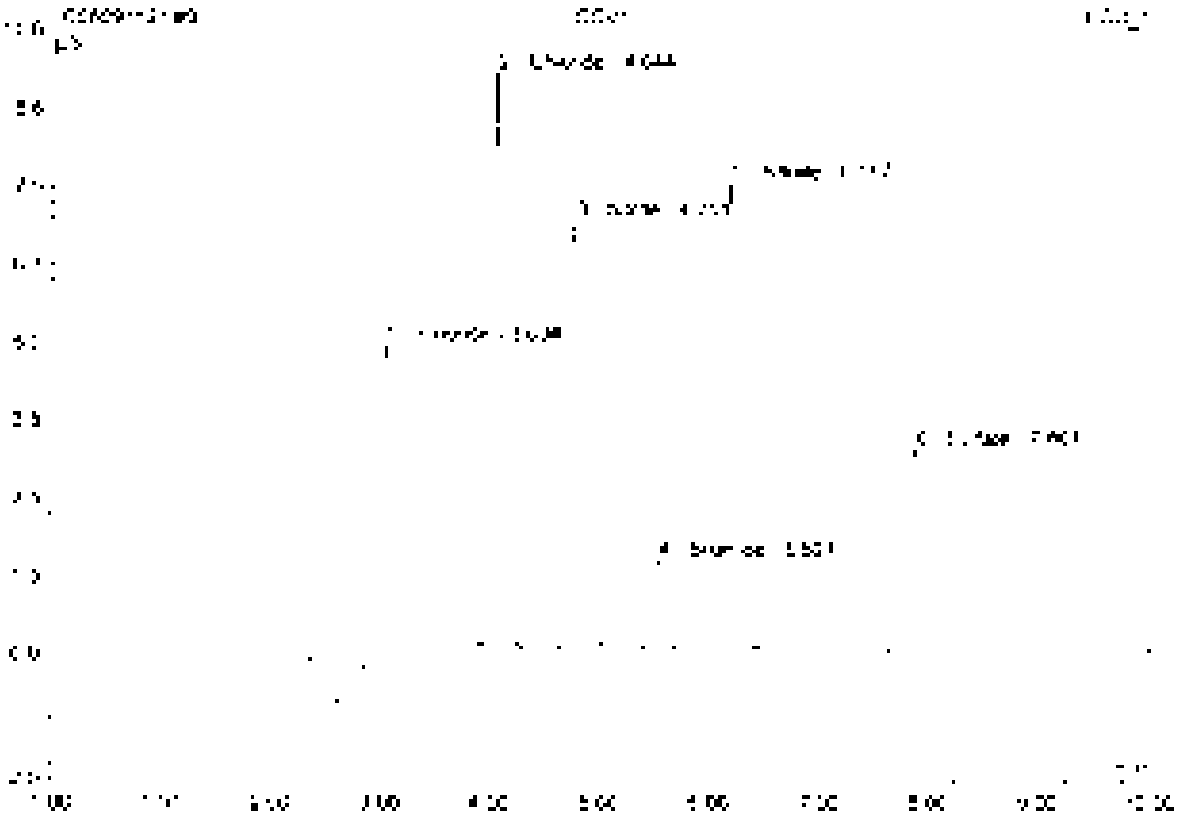
Sample Name	CCV1	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	5/19/2021 12:12	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	3.33	Fluoride	5.102	1.127	24.14	5.013	BMB*
2	4.04	Chloride	9.184	0.841	18.02	4.008	BMB*
3	4.76	Nitrite	6.656	0.880	18.91	2.472	BMB
4	5.53	Bromide	1.434	0.175	3.76	2.077	BMB
5	6.17	Nitrate	7.489	1.034	22.14	2.339	BMB
6	7.87	Sulfate	3.225	0.650	13.94	4.735	BMB
Total			33.289	4.668	100.00	21.547	

9 CCV1

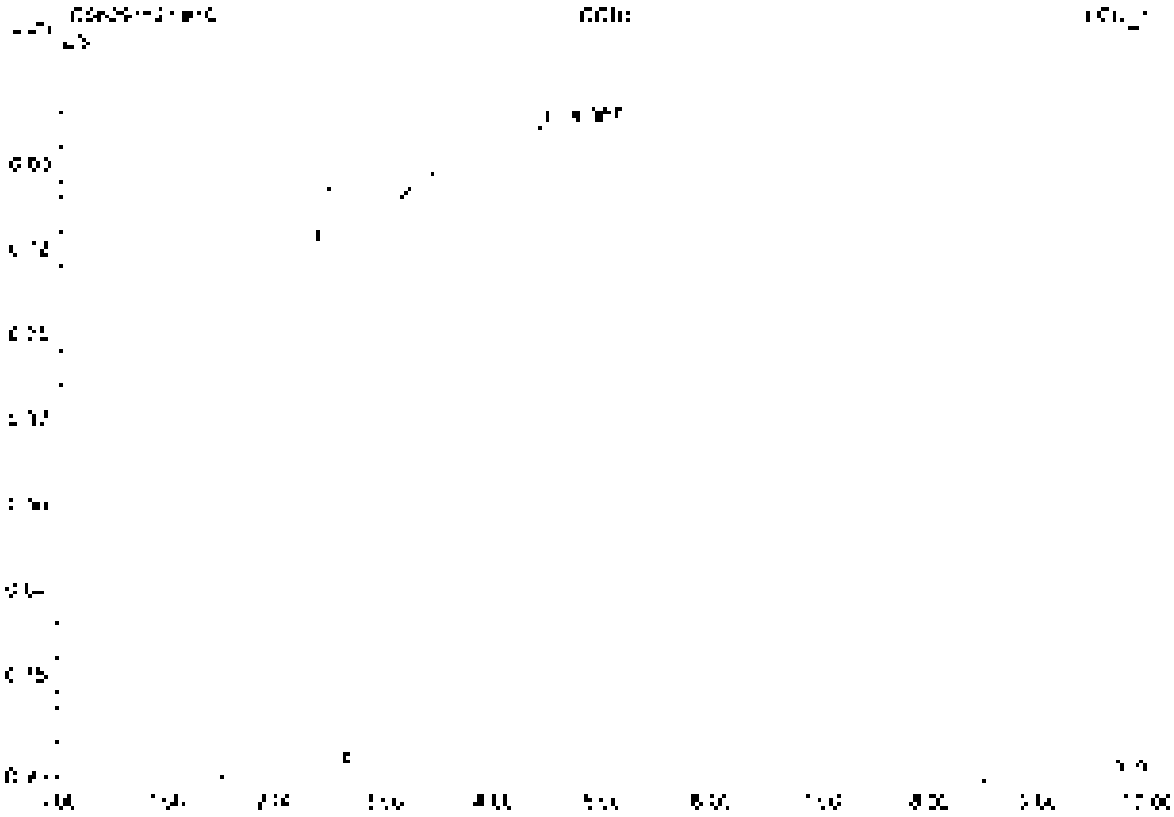
Sample Name	CCV1	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	9/15/2021 12:12	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.03	Fluoride	5.129	1.107	25.18	5.301	BMB
2	4.04	Chloride	9.184	0.841	17.77	4.608	BMB
3	4.76	Nitrite	6.856	0.581	18.65	2.472	BVB
4	5.53	Bromide	7.434	0.175	3.76	2.377	BVB
5	5.97	Nitrate	7.488	1.034	21.82	2.309	BMB
6	7.37	Sulfate	3.275	0.609	12.88	4.739	BMB
Total			39.315	4.734	100.00	21.837	

10 CCB1

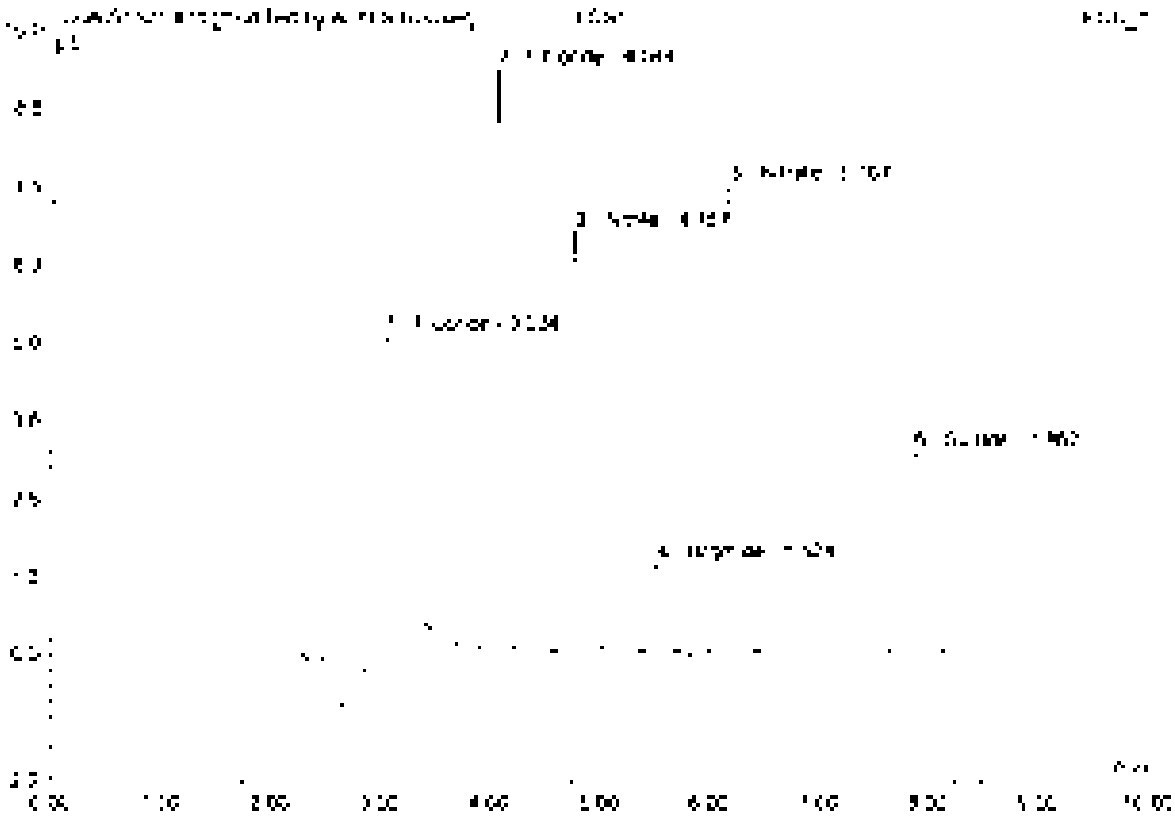
Sample Name	CCB1	Injection Volume	35.0
Vial Number	#7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Analysis Time	18/5/2021 13:23	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.39	n.a.	3.715	3.125	100.00	n.a.	BMB
Total:			3.715	3.125	100.00	0.000	

11 LCS1

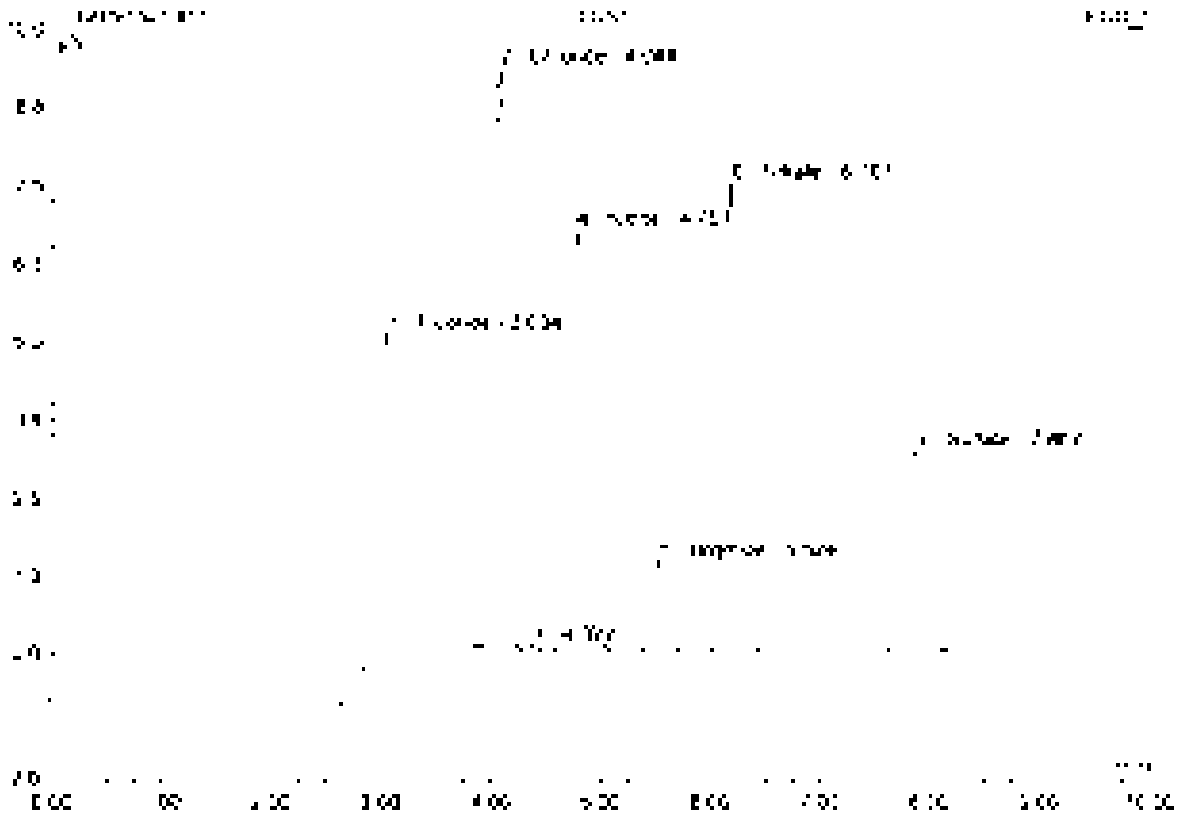
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	3/11/2021 12:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.02	Fluoride	5.298	1.159	24.70	5.157	BMBT
2	4.08	Chloride	9.250	0.849	18.10	4.062	BVBT
3	4.76	Nitrite	6.728	0.968	18.45	2.424	BMB
4	5.52	Bromide	1.452	0.178	3.79	2.407	BMB
5	6.17	Nitrate	7.507	1.035	22.06	2.345	BMB
6	7.87	Sulfate	3.230	0.605	12.92	4.719	BVB
Total			33.504	4.694	100.00	21.703	

11 LCS1

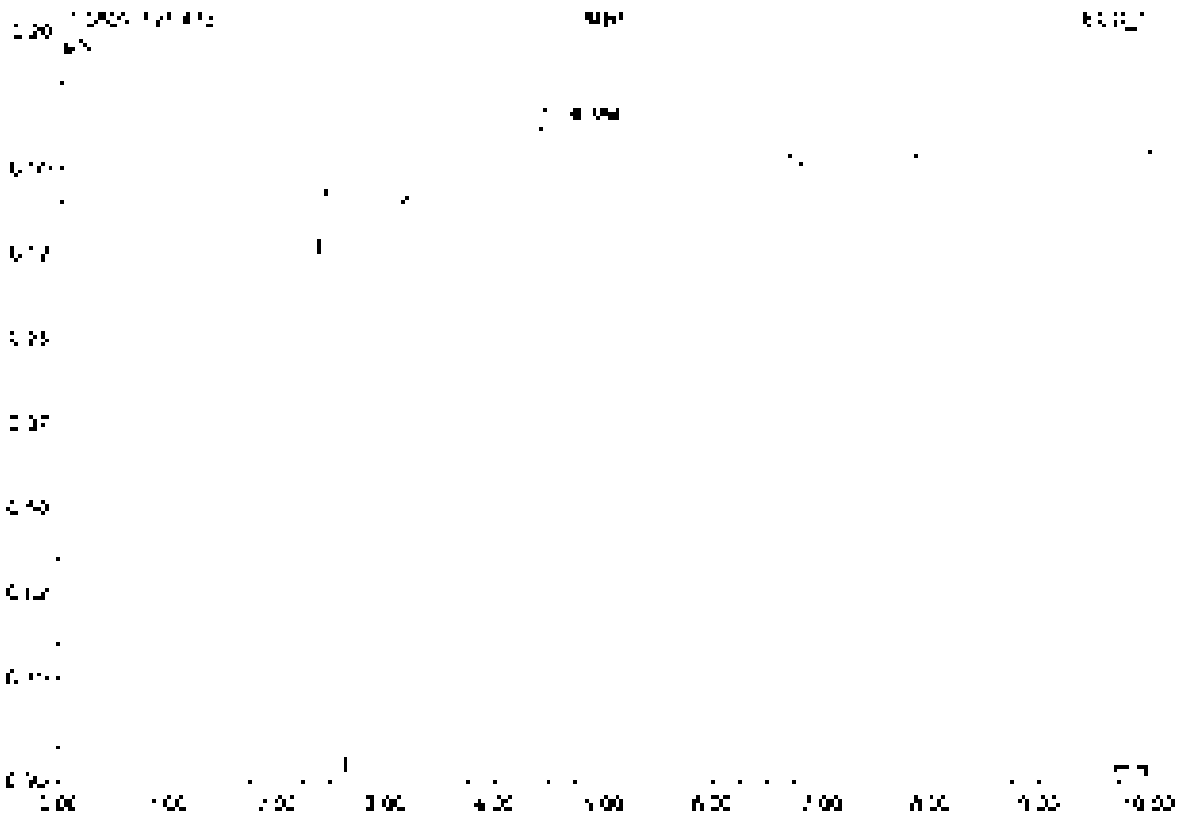
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	[illegible]/2021 12:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	3.03	Fluoride	5.320	[illegible]	25.50	5.386	BMb
2	4.04	Chloride	9.290	0.849	17.89	4.652	BMB
3	4.35	n.a.	0.358	0.005	[illegible]	n.a.	BMB
4	4.76	Nitrite	6.723	0.866	18.22	2.424	BMB
5	5.52	Bromide	1.452	0.138	3.74	2.407	BMB
6	6.17	Nitrate	7.507	1.035	21.79	2.341	BMB
7	7.57	Sulfate	3.230	0.600	12.76	4.715	BMB
Total:			33.581	[illegible]	100.00	21.935	

12 MB1

Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a
Control Program	wpa300	Bandwidth	n.a
Control Method	wpa300	Dilution Factor	1.0000
Recording Time	9/16/2021 12:47	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

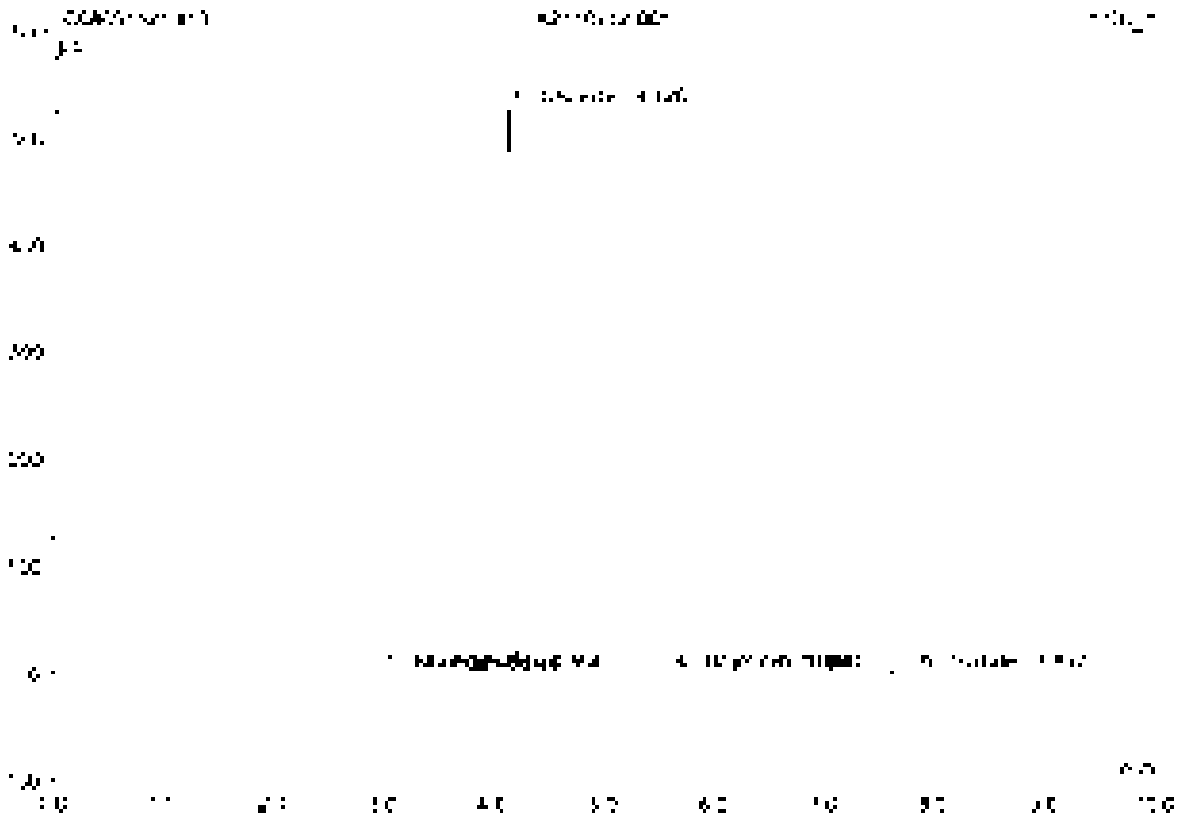


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.00	[illegible]	[illegible]
Total:			[illegible]	[illegible]	100.00	0.000	

13 K2110712-005

NO3/SO4

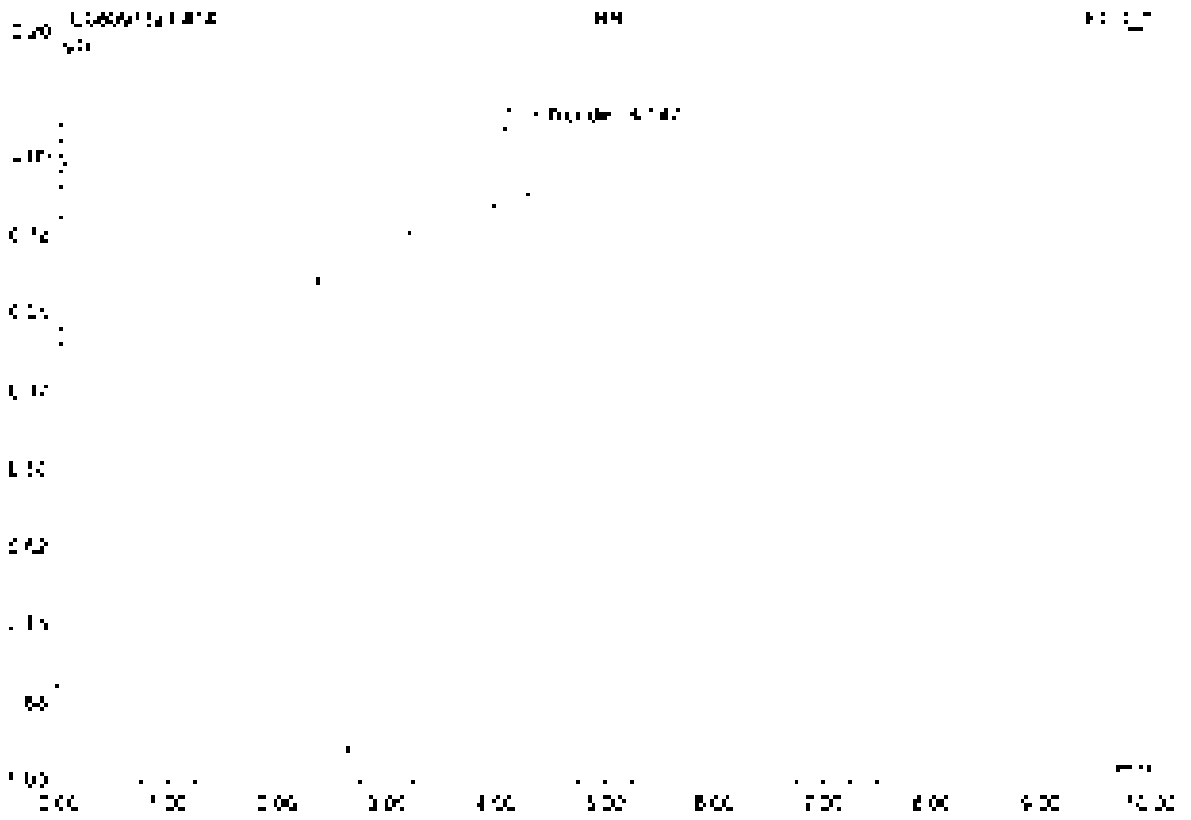
Sample Name	K2110712-005	Injection Volume	25.0
Vial Number	3	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	$[15/2021 13:5$	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.32	Fluoride	0.248	0.051	0.08	0.457	BMB
2	3.90	Formate	0.030	0.025	0.01	n.a.	BMB
3	4.12	Chloride	527.630	62.056	99.35	575.790	BMB
4	5.65	Bromide	0.421	0.042	0.02	1.411	BMB
5	6.55	n.a.	0.345	0.250	0.34	n.a.	BMB
6	7.90	Sulfate	0.401	0.083	0.13	1.296	BMB
Total:			529.085	62.461	100.00	642.556	

14 RB

Sample Name	RB	Injection Volume	35.0
Vial Number	50	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Method Name	epa300	Bandwidth	n.a.
Sample Named	epa300	Dilution Factor	1.0000
Acquiring Time	9/16/2021 10:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

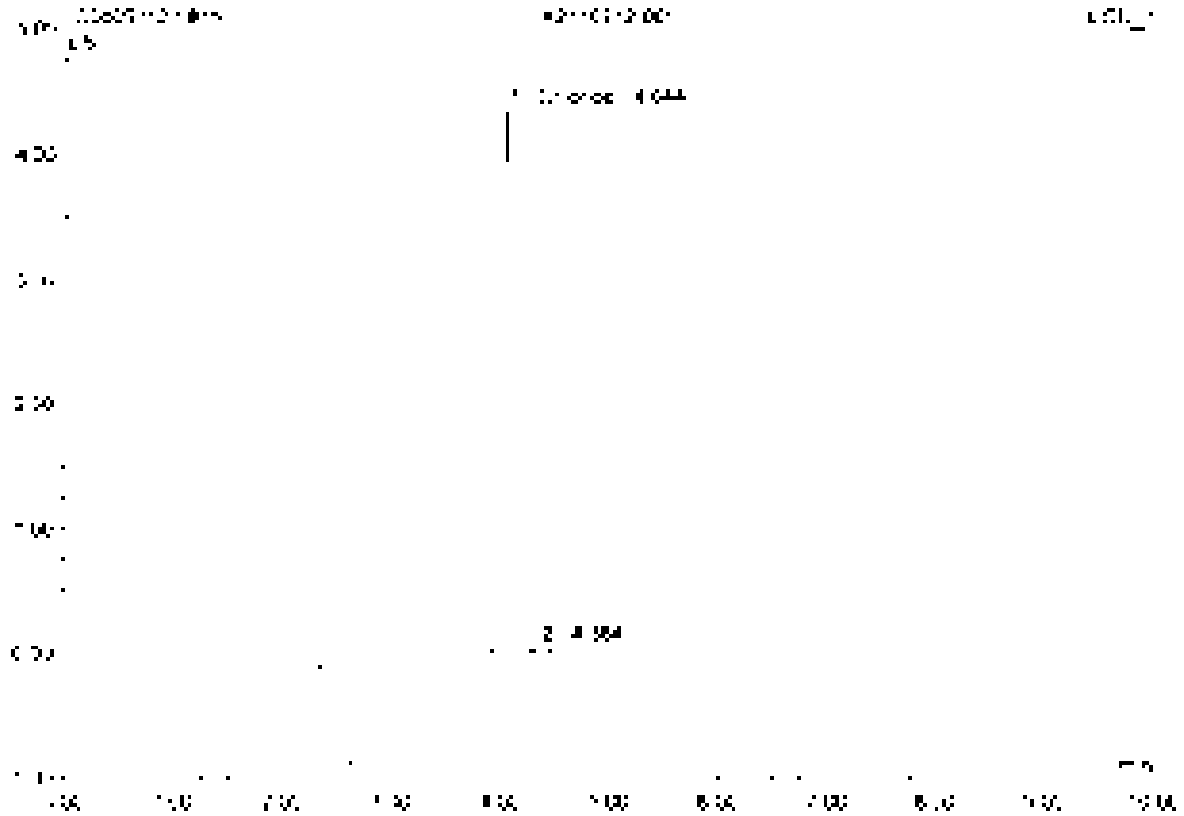


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.124	0.015	100.00	0.084	BMB
Total: 1			0.124	0.015	100.00	0.084	

15 K2110712-005

CL

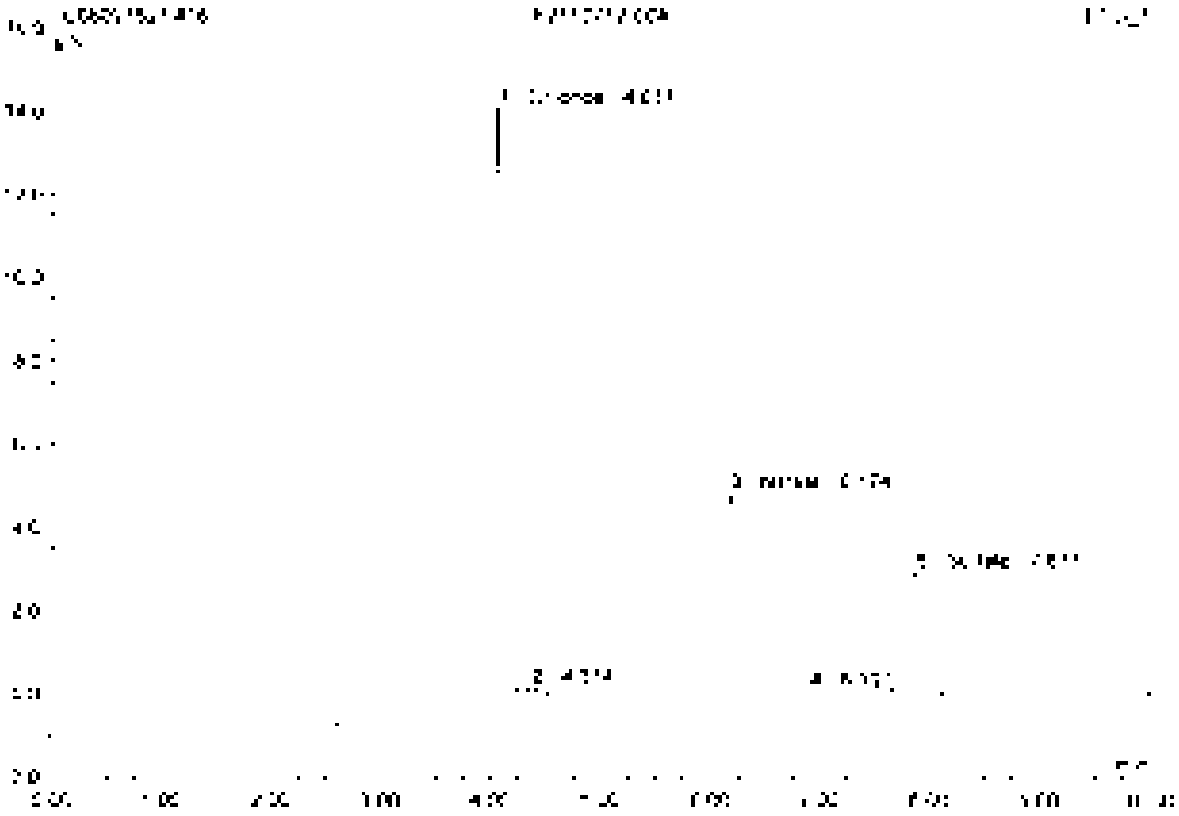
Sample Name	K2110712-005	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	300.0000
Processing Time	5/15/2021 15:21	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.34	Chlorpyrifos	4.383	0.401	98.70	441.385	BMB
2	6.35	n.a.	0.035	0.005	1.30	n.a.	BMB
Total:			4.418	0.408	100.00	441.385	

16 K2110712-004

Sample Name	K2110712-004	Injection Volume	25.0
Vial Number	5	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	10.0000
Recording Time	9/16/2021 13:33	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

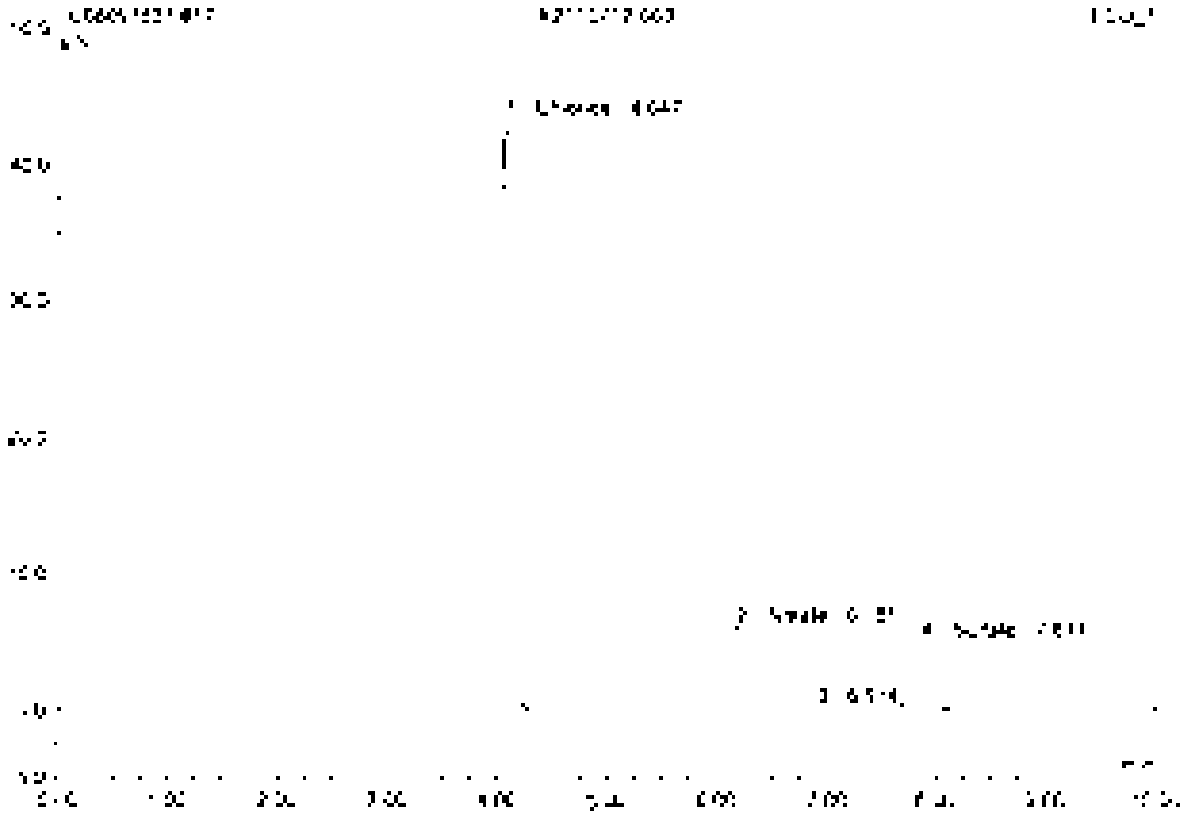


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	4.37	n.a.	0.110	0.011	0.42	n.a.	BMB
3	5.17	Nitrate	[illegible]	0.591	27.30	[illegible]	BMB
4	5.92	n.a.	0.038	0.021	0.94	n.a.	BMB
5	[illegible]	Sulfate	2.916	0.532	21.34	41.424	BMB
Total:			21.954	2.516	100.00	[illegible]	

17 K2110712-003

NO3/SO4

Sample Name	K2110712-003	Injection Volume	25.0
Vial Number	6	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Runtime	n.a.
Quant Method	epa300	Dilution Factor	5.0000
Recording Time	9/15/2021 13:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

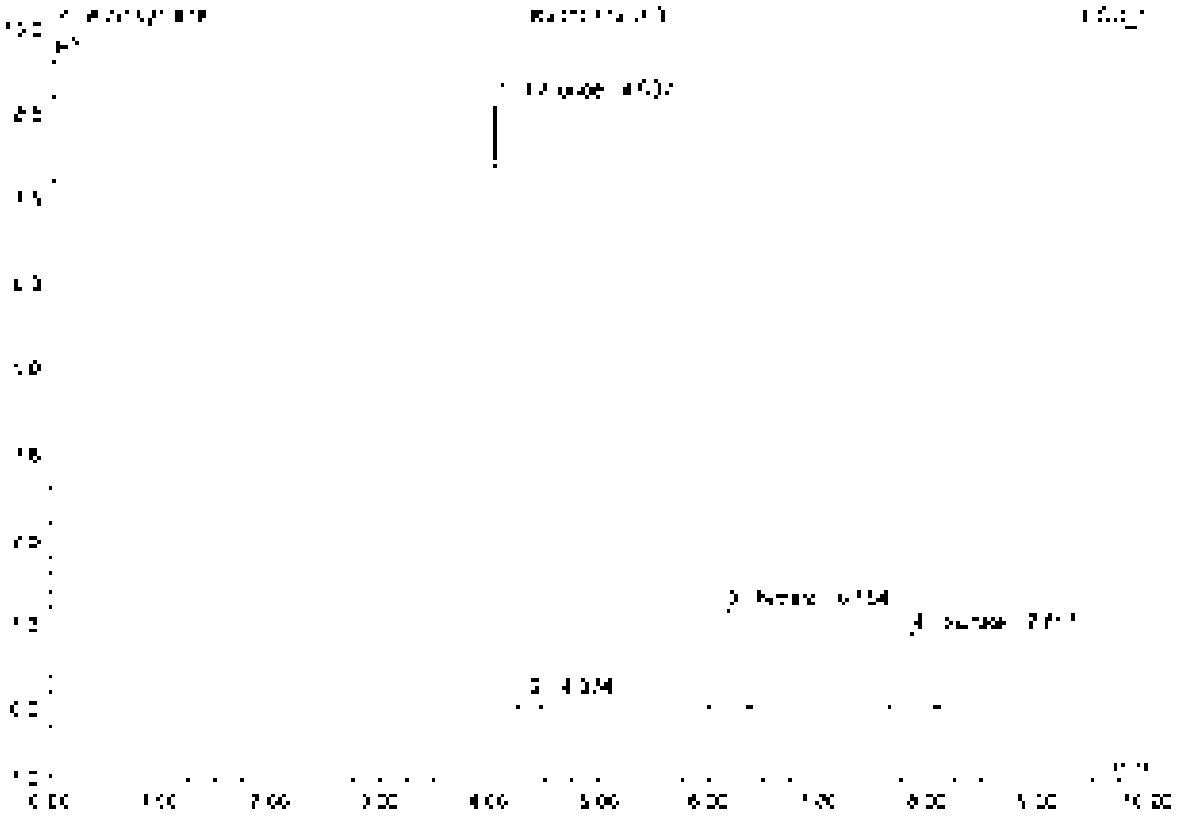


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	40.210	3.823	68.10	104.514	BV0
2	6.15	Nitrate	6.040	0.853	15.28	9.[illegible]	BV0
3	6.91	n.a.	0.067	0.024	0.43	n.a.	BM0
4	7.58	Sulfate	8.375	0.902	16.09	35.170	BMB
Total:			54.259	5.602	100.00	149.454	

18 K2110712-003

CL

Sample Name	K2110712-003	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n/a
Control Program	epa300	Bandwidth	n/a
Quantit. Method	epa300	Dilution Factor	20.0000
Recording Time	9/13/2021 13:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

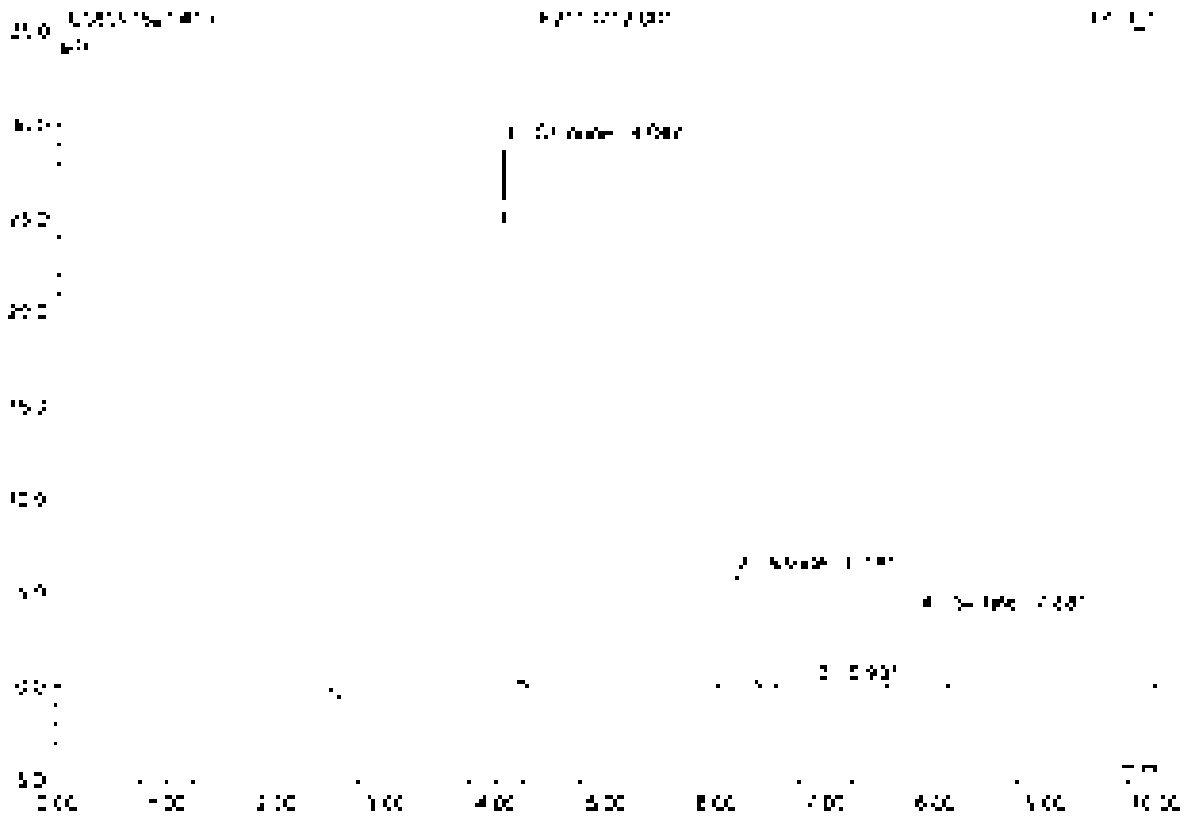


No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.04	Chloride	[illegible]	[illegible]	55.60	[illegible]	BMB
2	4.37	n/a	[illegible]	[illegible]	1.00	n/a	BMB
3	5.16	Nitrate	1.459	0.204	16.45	5.250	BMB
4	7.86	Sulfate	[illegible]	0.208	16.78	[illegible]	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

19 K2110712-001

NO3/SO4

Sample Name	K2110712-001	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	5.0000
Recording Time	5/15/2021 14:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

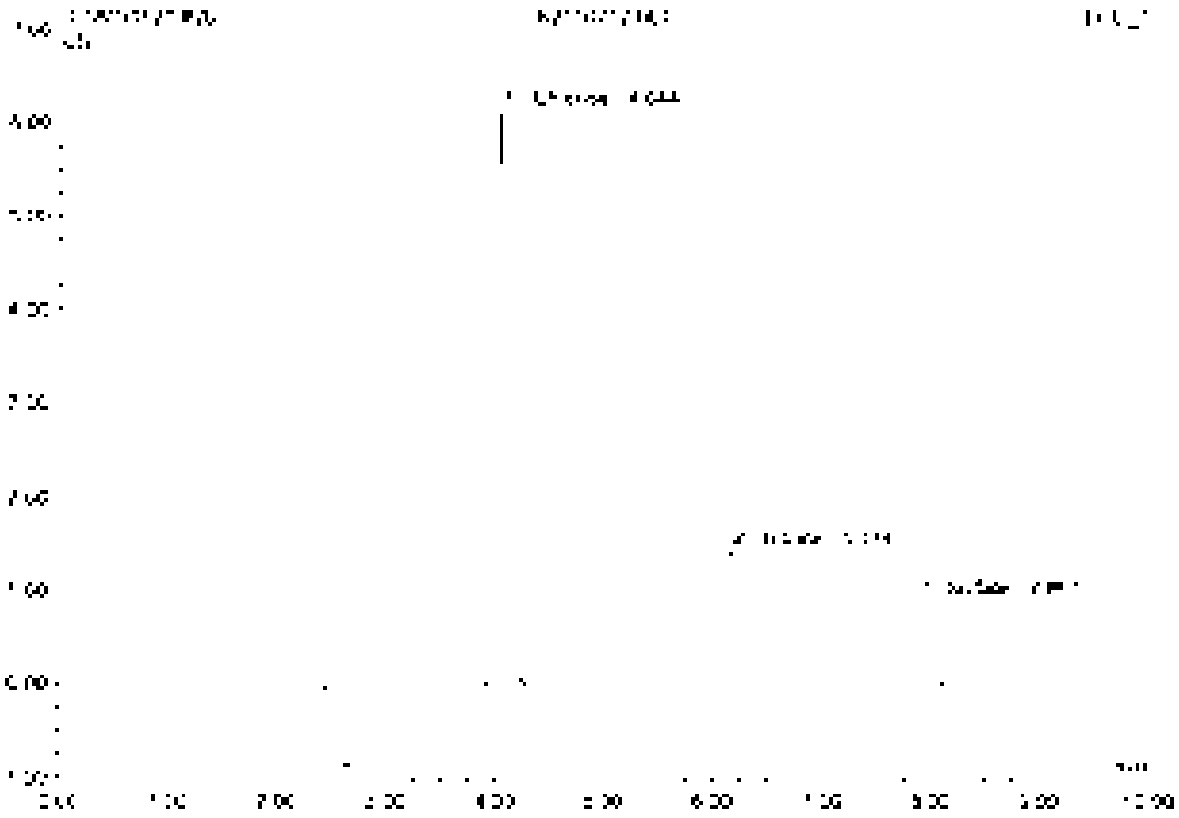


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	28.901	2.565	61.92	10.940	BMB
2	6.18	Nitrate	5.976	0.845	20.44	9.591	BMB
3	6.93	n.a.	0.060	0.022	0.54	n.a.	BMB
4	7.88	Sulfate	3.855	0.705	17.10	27.514	BMB
Total:			38.792	4.142	100.00	47.045	

20 K2110712-001

CL

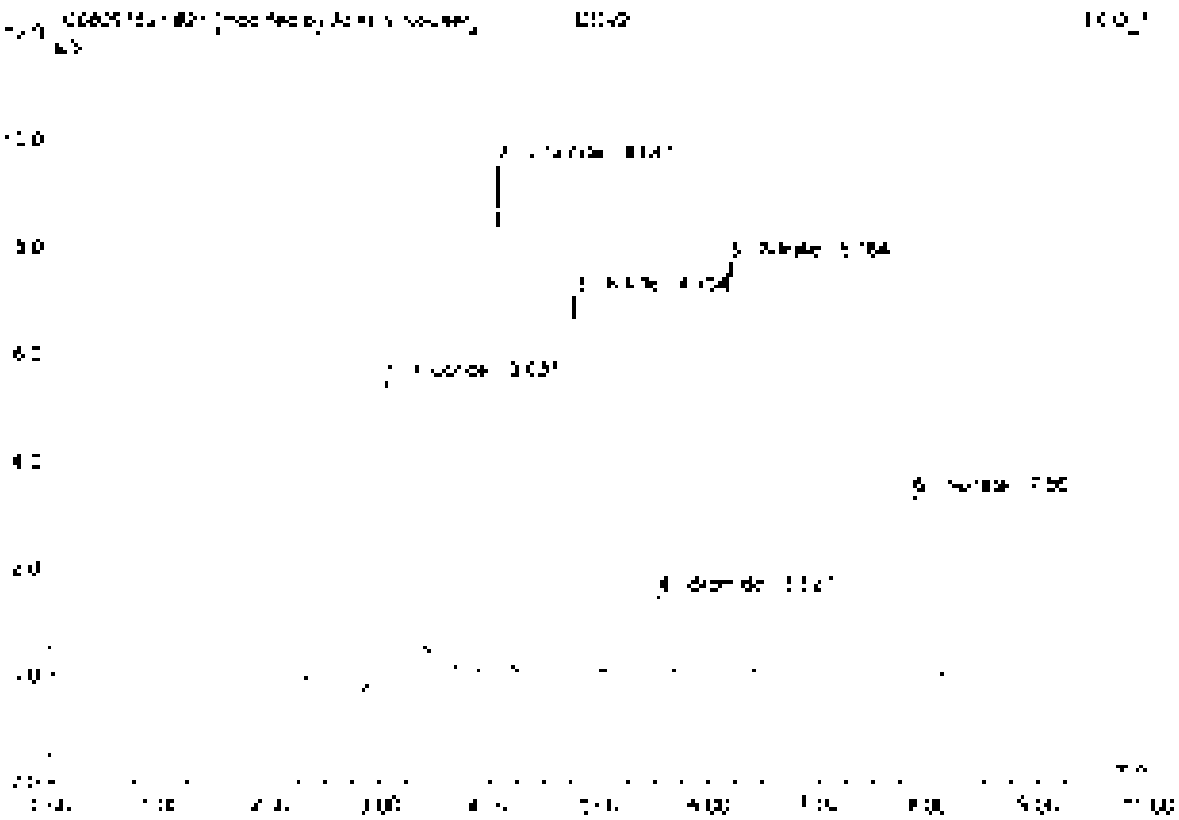
Sample Name	K2110712-001	Injection Volume	25.0
Vial Number	9	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Sensitivity	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	9/15/2021 14:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.24	Chloride	5.133	0.565	60.30	61.567	BVB
2	6.17	Nitrate	1.440	0.202	21.57	0.145	BVB
3	7.67	Sulfate	2.909	0.170	18.13	26.440	BVB
Total:			9.482	0.937	100.00	87.470	

21 CCV2

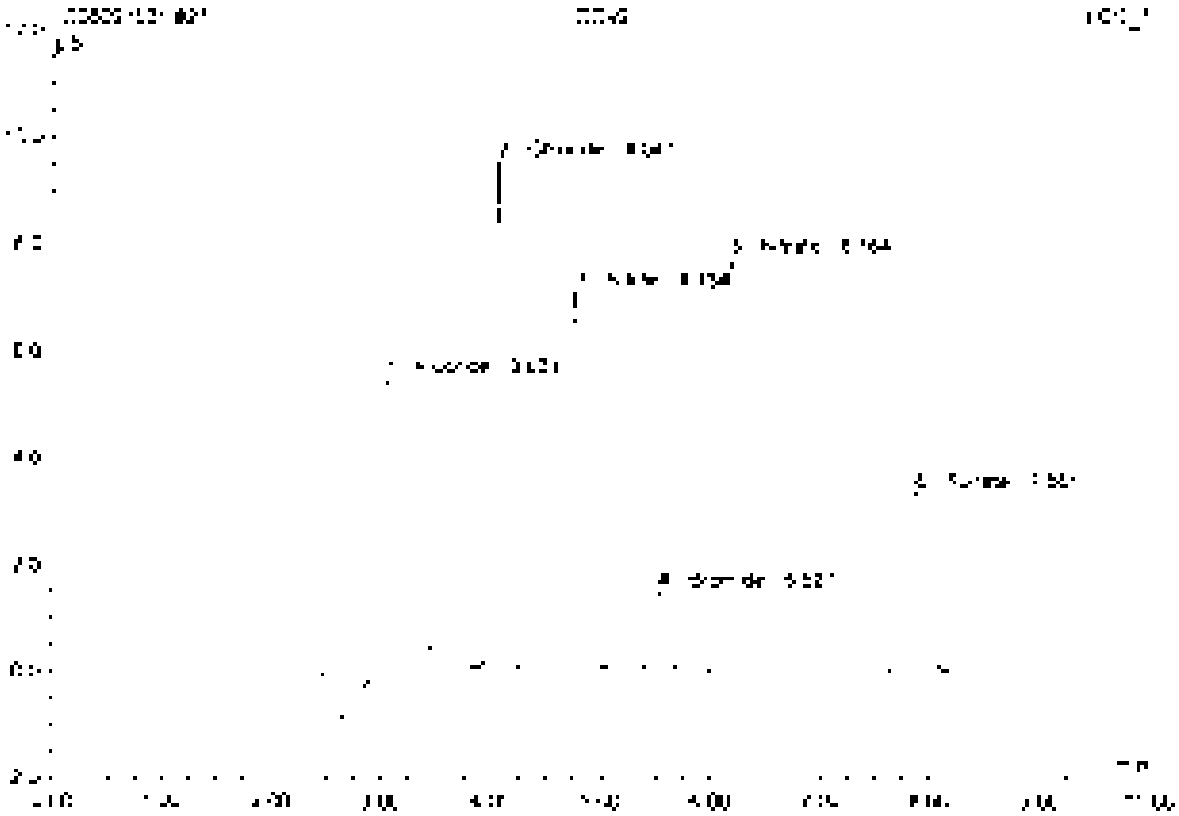
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 14:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.33	Fluoride	5.069	1.230	24.81	5.338	BMB*
2	4.04	Chloride	9.479	0.886	17.88	4.735	BMB*
3	4.75	Nitrite	7.070	0.906	18.13	2.536	BMB
4	5.52	Bromide	1.476	0.186	3.72	2.435	BMB
5	6.16	Nitrate	7.726	1.066	21.52	2.400	BMB
6	7.36	Sulfate	3.335	0.645	12.91	4.859	BMB
Total:			34.756	4.938	100.00	22.317	

21 CCV2

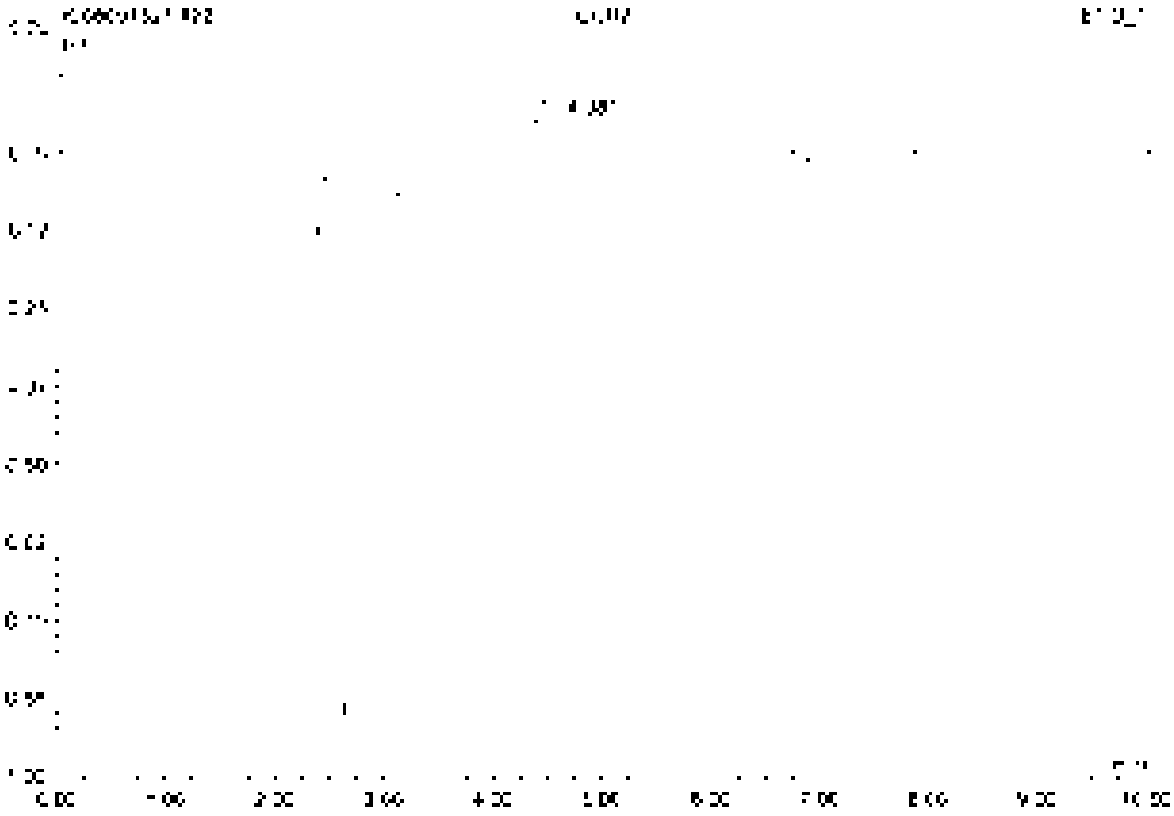
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	5/15/2021 14:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.33	Fluoride	5.700	1.272	25.91	5.652	BMB
2	4.31	Chloride	3.475	0.865	17.61	4.715	BMB
3	4.75	Nitrite	2.970	0.906	18.45	2.536	BMB
4	5.52	Bromide	1.476	0.180	3.67	2.419	BMB
5	5.96	Nitrate	7.725	1.056	21.50	2.400	BMB
6	7.06	Sulfate	3.335	0.625	12.74	4.859	BMB
Totals:			34.786	4.908	100.00	22.601	

22 CCB2

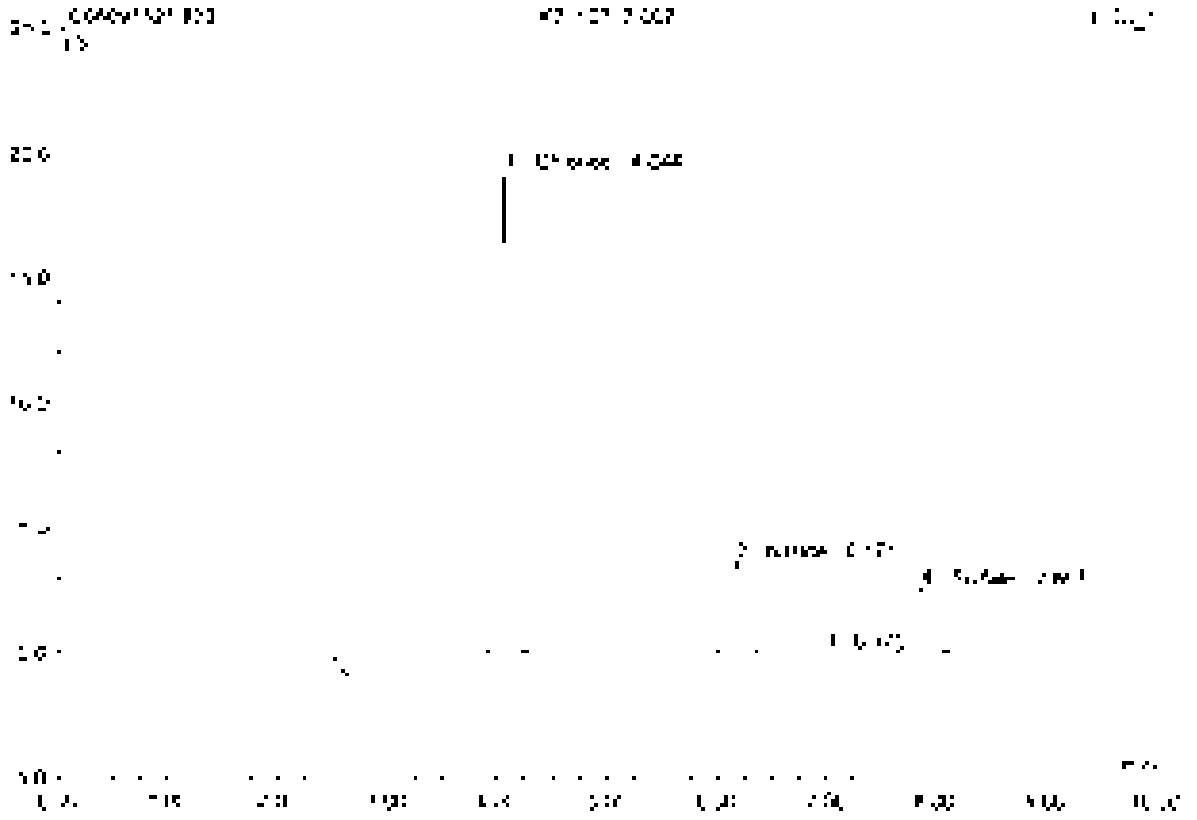
Sample Name	CCB2	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/13/2021 14:42	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height pS	Area µS*min	Rel Area %	Amount	Type
[illegible]	4.38	n.a.	0.744	3.144	100.00	n.a.	BMP
Total:			0.744	3.144	100.00	0.000	

23 K2110712-002

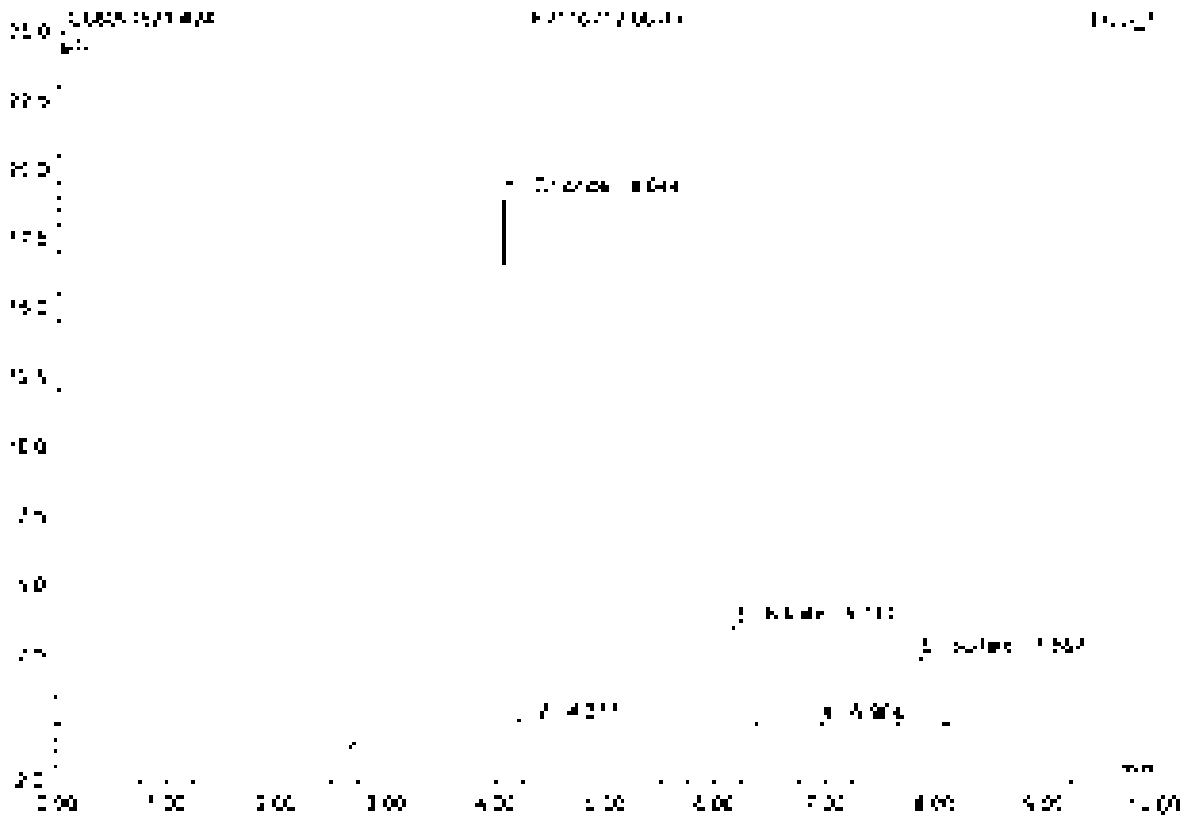
Sample Name	K2110712-002	Injection Volume	35.0
Vial Number	10	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	10.0000
Recording Time	9/15/2021 14:54	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	55.193	1.715	62.51	54.356	BV B
2	6.17	Nitrate	3.625	0.510	18.64	11.535	BV B
3	6.57	n.a.	0.328	0.009	0.33	n.a.	BV B
4	7.87	Sulfate	2.535	0.455	17.31	36.460	BV H
Total:			25.375	2.735	100.00	142.351	

24 K2110712-002D

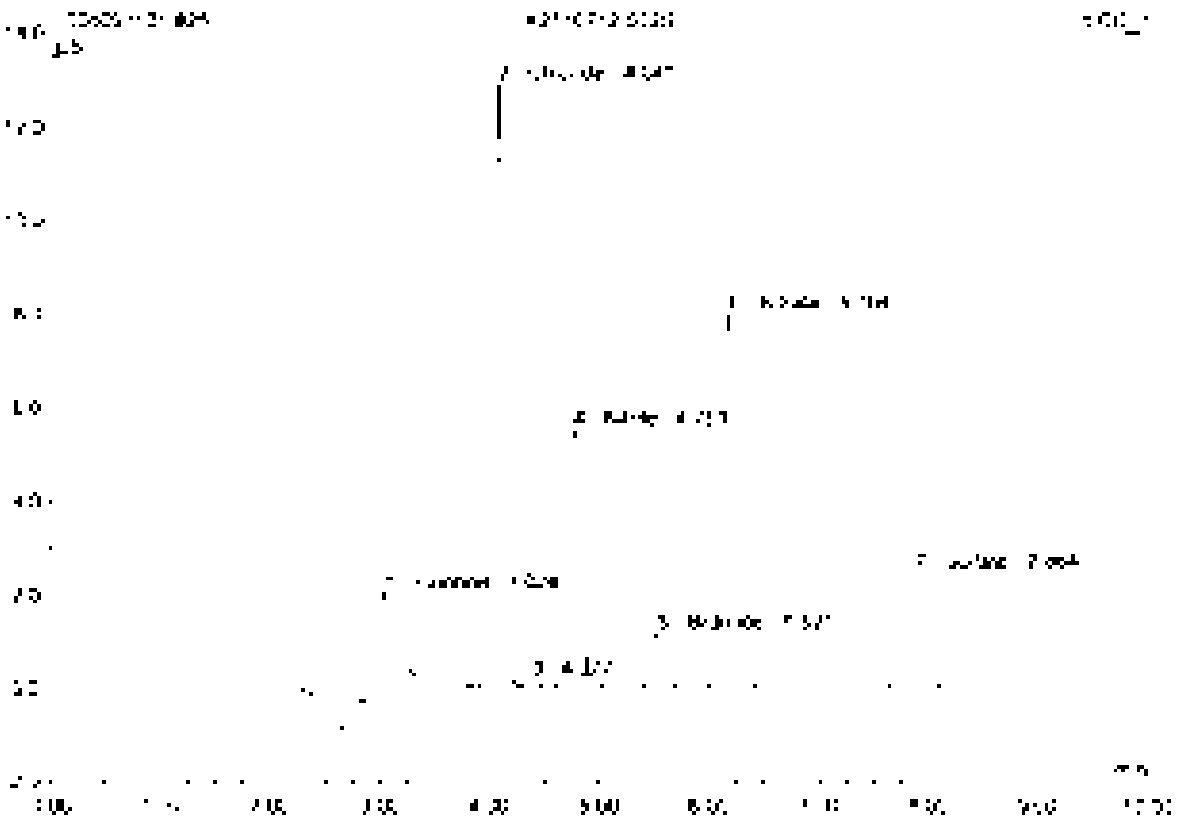
Sample Name	K2110712-002D	Injection Volume	25.0
Vial Number	11	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Standard Method	epa300	Dilution Factor	10.0000
Recording Time	9/13/2021 15:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.54	Chloride	18.967	1.698	60.77	93.067	BMB
2	4.38	n.a.	0.050	0.005	0.20	n.a.	BMB
3	6.17	Nitrate	3.553	0.504	18.03	11.409	BMB
4	6.46	n.a.	0.025	0.007	0.26	n.a.	BMB
5	7.57	Sulfate	2.425	0.448	16.04	34.592	BMB
Total:			25.065	2.663	100.00	139.067	

25 K2110712-002S

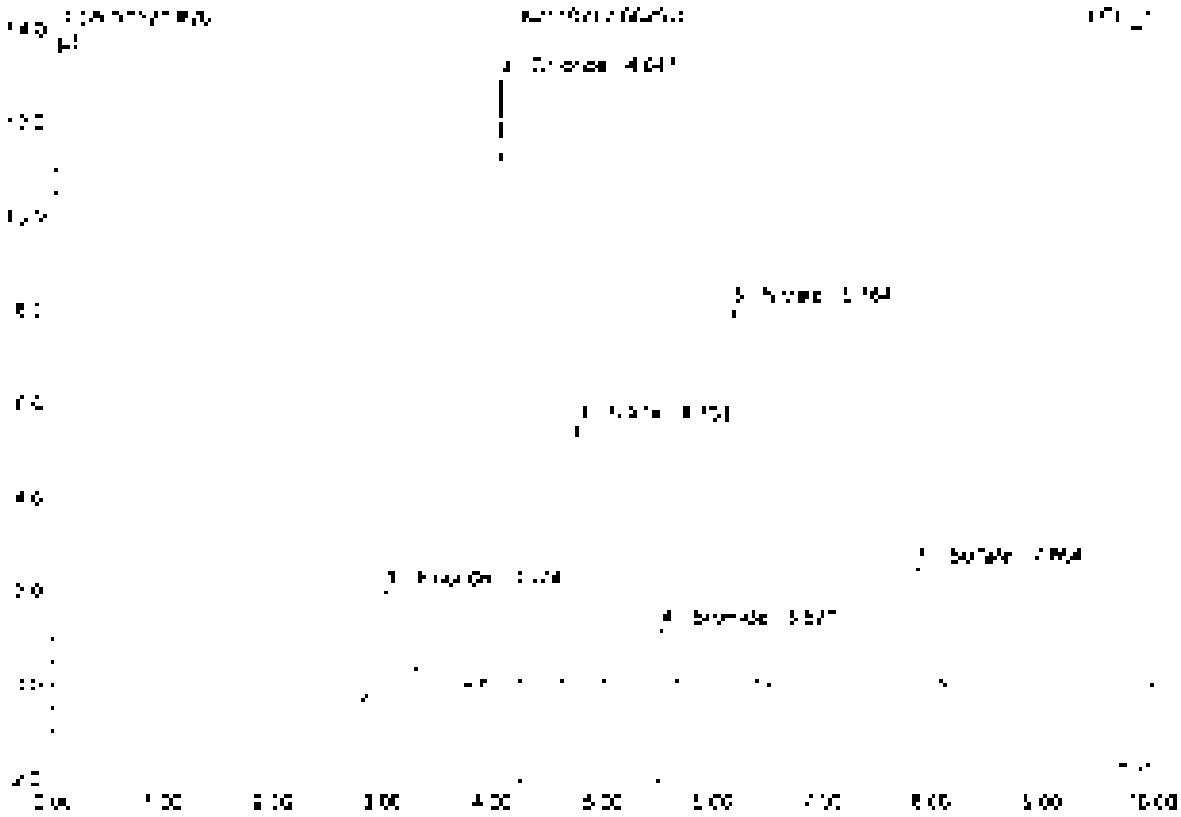
Sample Name	K2110712-002S	Injection Volume	25.0
Vial Number	12	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	20.0000
Analysis Time	5/15/2021 15:17	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	2.258	0.567	13.63	50.418	BMB
2	4.04	Chloride	12.854	1.166	28.05	127.766	bVB
3	4.38	n.a.	0.145	0.014	0.34	n.a.	BMU
4	4.75	Nitrite	5.503	0.702	16.87	39.312	BMU
5	5.52	Bromide	1.185	0.145	3.48	39.213	BVB
6	6.18	Nitrate	8.332	1.186	28.50	90.052	BVB
7	7.86	Sulfate	2.674	0.458	11.02	71.351	BVB
Total			32.458	4.158	100.00	378.099	

28 K2110712-002SD

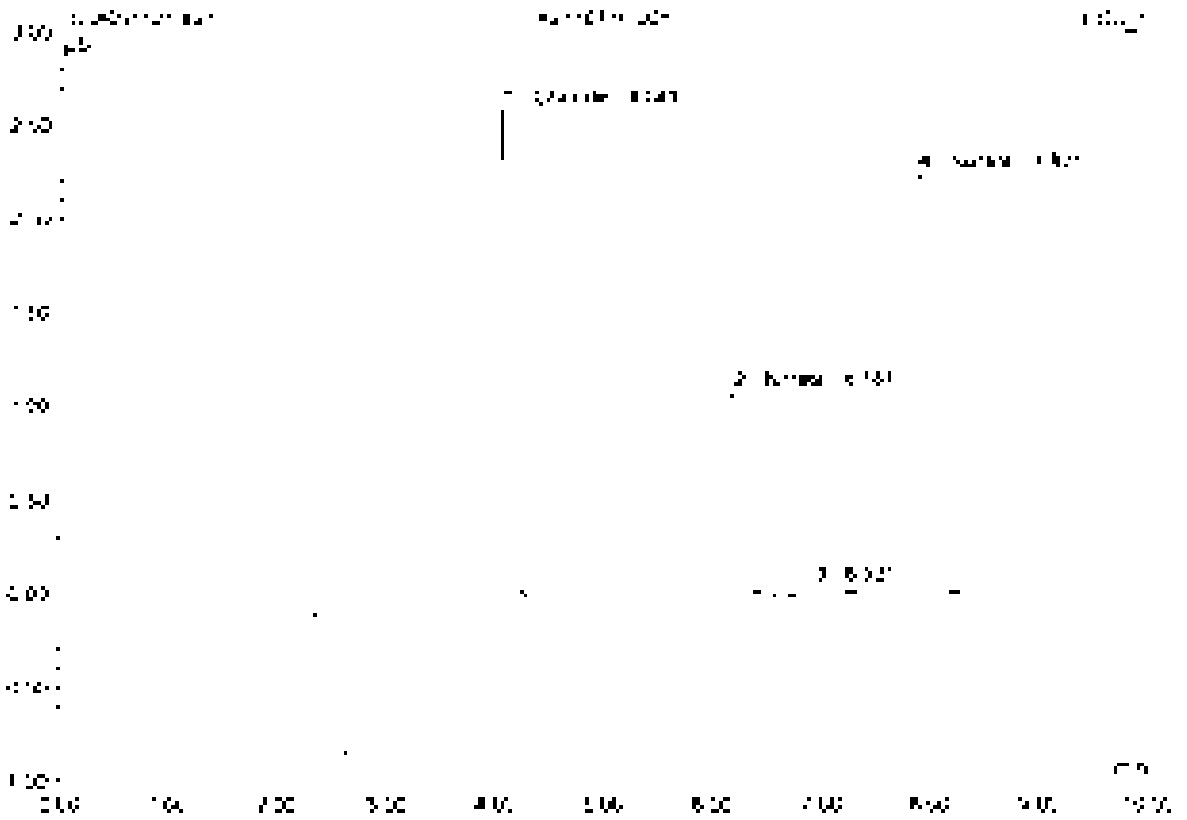
Sample Name	K2110712-002SD	Injection Volume	25.0
Vial Number	13	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	9/15/2021 13:29	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.92	Fluoride	7.301	0.569	12.54	50.533	BV8
2	4.34	Chloride	12.325	1.171	28.38	128.329	BMB
3	4.75	Nitrite	5.526	0.727	16.94	39.568	BV8
4	5.57	Bromide	1.177	0.145	3.50	39.547	BV8
5	6.16	Nitrate	9.034	1.112	26.65	60.308	BV8
6	7.80	Sulfate	2.518	0.457	11.00	77.735	BMB
Total:			32.487	4.172	100.00	391.051	

27 K2110716-001

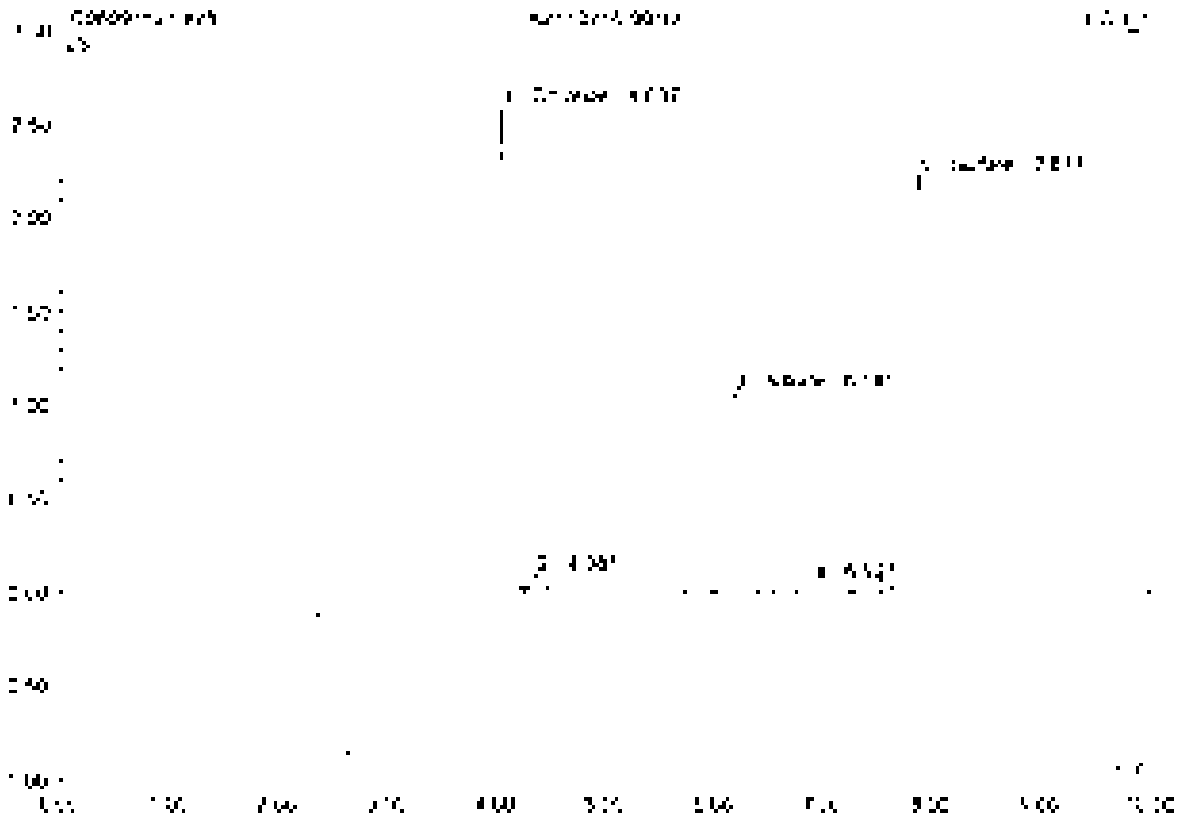
Sample Name	K2110716-001	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	3/13/2021 13:40	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.34	Chloride	2.594	0.243	25.35	2.063	BMB
2	6.13	Nitrate	1.030	0.155	16.12	0.702	BMB
3	6.90	n.a.	0.053	0.019	2.02	n.a.	BMB
4	7.87	Sulfate	3.346	0.411	42.60	6.395	BMB
Total:			5.972	0.828	100.00	9.160	

28 K2110716-001D

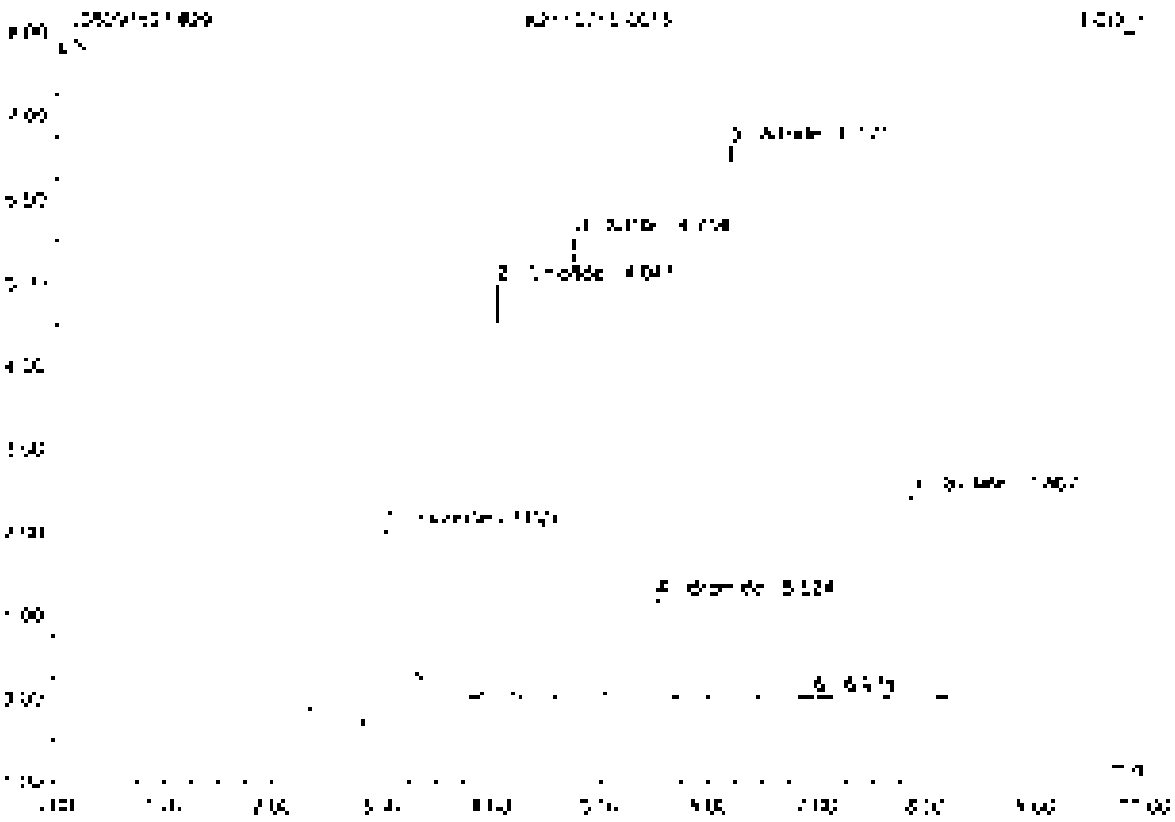
Sample Name	K2110716-001D	Injection Volume	25.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Processing Time	9/15/2021 15:52	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.06	Chloride	2.588	0.241	25.17	2.641	BMB
2	4.38	n.a.	0.085	0.009	1.07	n.a.	BMB
3	6.18	Nitrate	1.066	0.153	18.94	3.651	BMB
4	6.93	n.a.	0.050	0.017	2.05	n.a.	BMB
5	7.87	Sulfate	2.216	0.406	49.17	6.327	BMB
Total:			5.008	0.826	100.00	9.661	

29 K2110716-001S

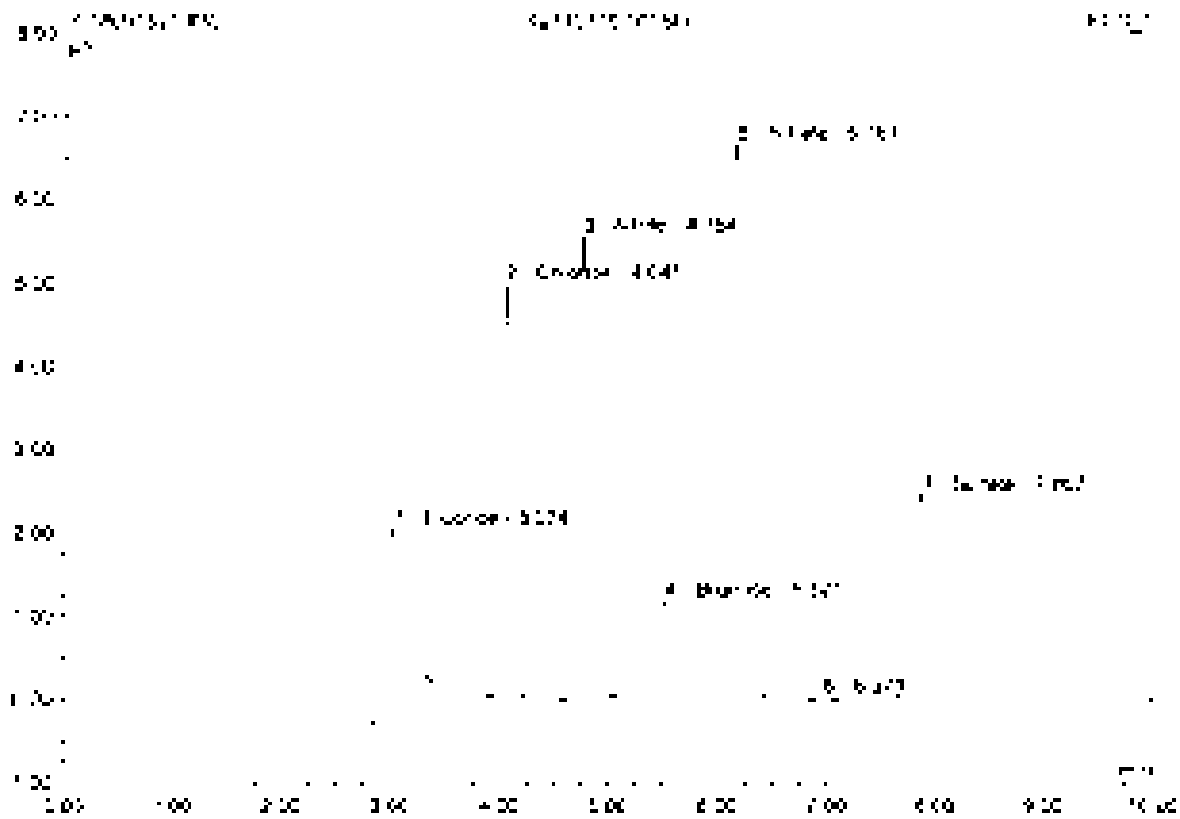
Sample Name	K2110716-001S	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 16:04	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	7.298	0.573	1.50	10.197	BMB
2	4.04	Chloride	8.959	8.659	18.01	10.066	BMB
3	4.75	Nitrite	5.529	8.210	21.62	7.948	BMB
4	5.52	Bromide	1.121	2.145	4.44	2.880	BMB
5	5.17	Nitrate	6.648	9.927	28.31	5.295	BMB
6	6.97	n.a.	0.025	0.008	0.24	n.a.	BMB
7	7.57	Sulfate	2.458	9.450	15.61	14.187	BMB
Total:			22.104	53.276	100.00	58.583	

3D K2110716-001SD

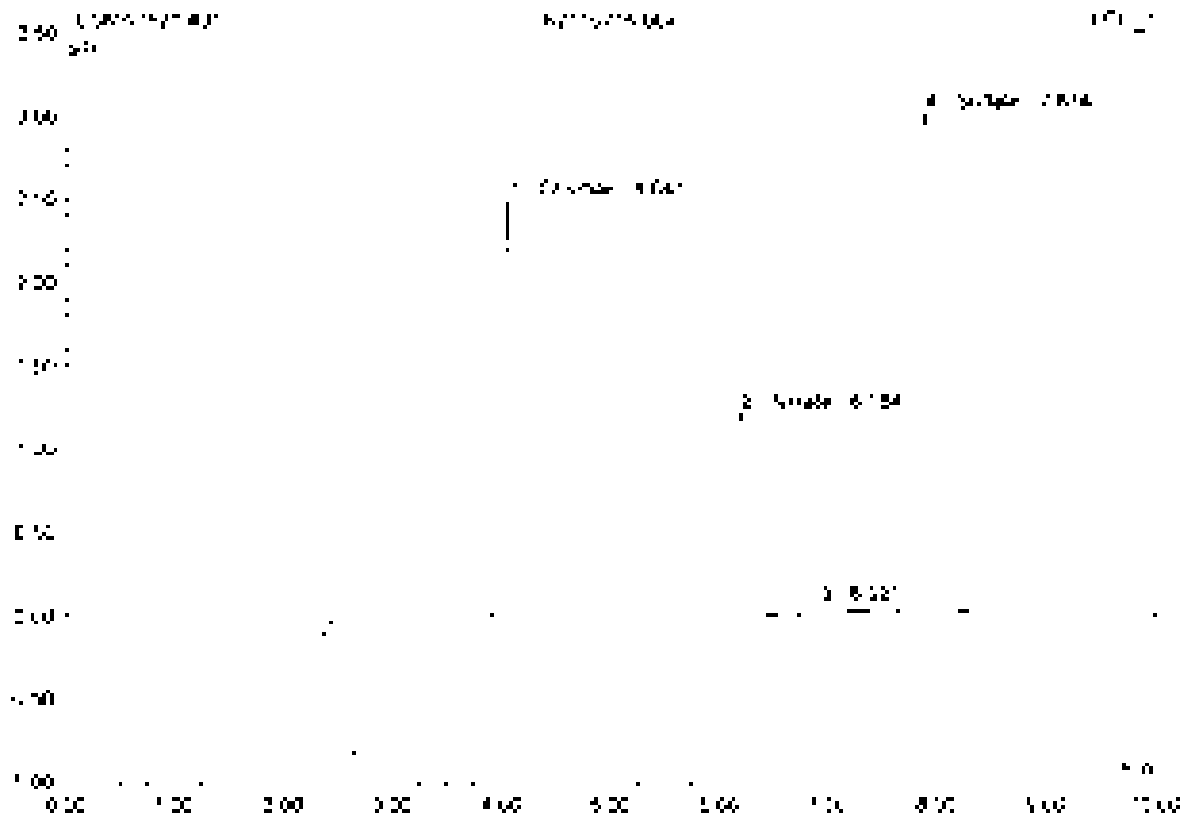
Sample Name	K2110716-001SD	Injection Volume	35.0
Run Number	17	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	4.0000
Recording Time	9/15/2021 16:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.02	Fluoride	7.133	0.575	17.52	10.231	BMB
2	4.04	Chloride	4.569	0.459	13.99	10.058	BMB
3	4.75	Nitrite	5.545	0.711	21.66	7.960	BMB
4	5.69	Bromide	1.184	0.146	4.45	7.972	BMB
5	6.17	Nitrate	6.667	0.928	28.30	8.606	BMB
6	6.67	n.a.	0.027	0.009	0.28	n.a.	BMB
7	7.81	Sulfate	2.452	0.453	13.75	14.591	BMB
Total			27.147	3.281	100.00	58.667	

31 K2110716-002

Sample Name	K2110716-002	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	9/15/2021 16:27	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



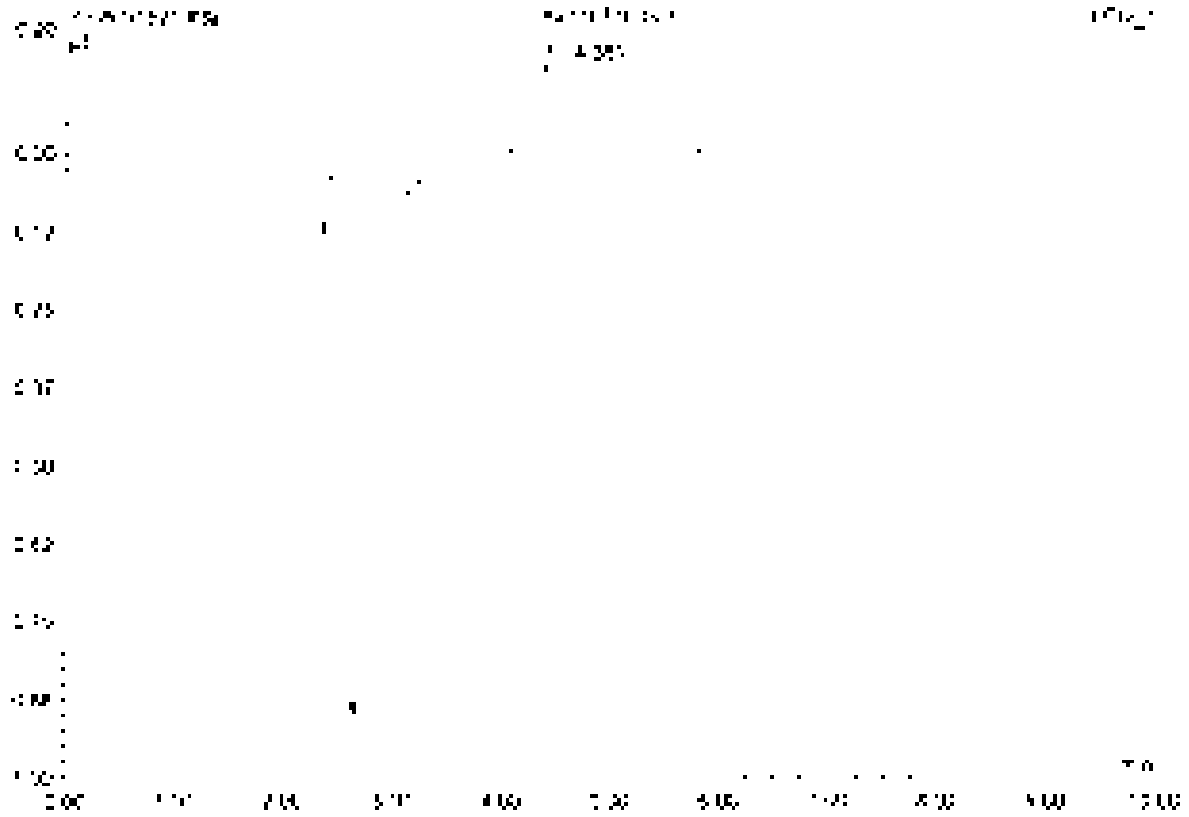
No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.06	Chloride	2.635	0.234	23.85	2.560	BV8
2	6.19	Nitrate	1.236	0.176	17.92	3.795	BV8
3	6.92	n.a.	0.058	0.021	2.15	n.a.	BM0
4	7.87	Sulfate	3.301	0.549	56.06	8.550	BM0
Total:			6.760	0.980	100.00	11.904	

Default Integration

Chromeleon 6.80 Build 1990 2006
Version 6.80 SR10 (6.0.3032.1962 (9)

32 K2110716-003

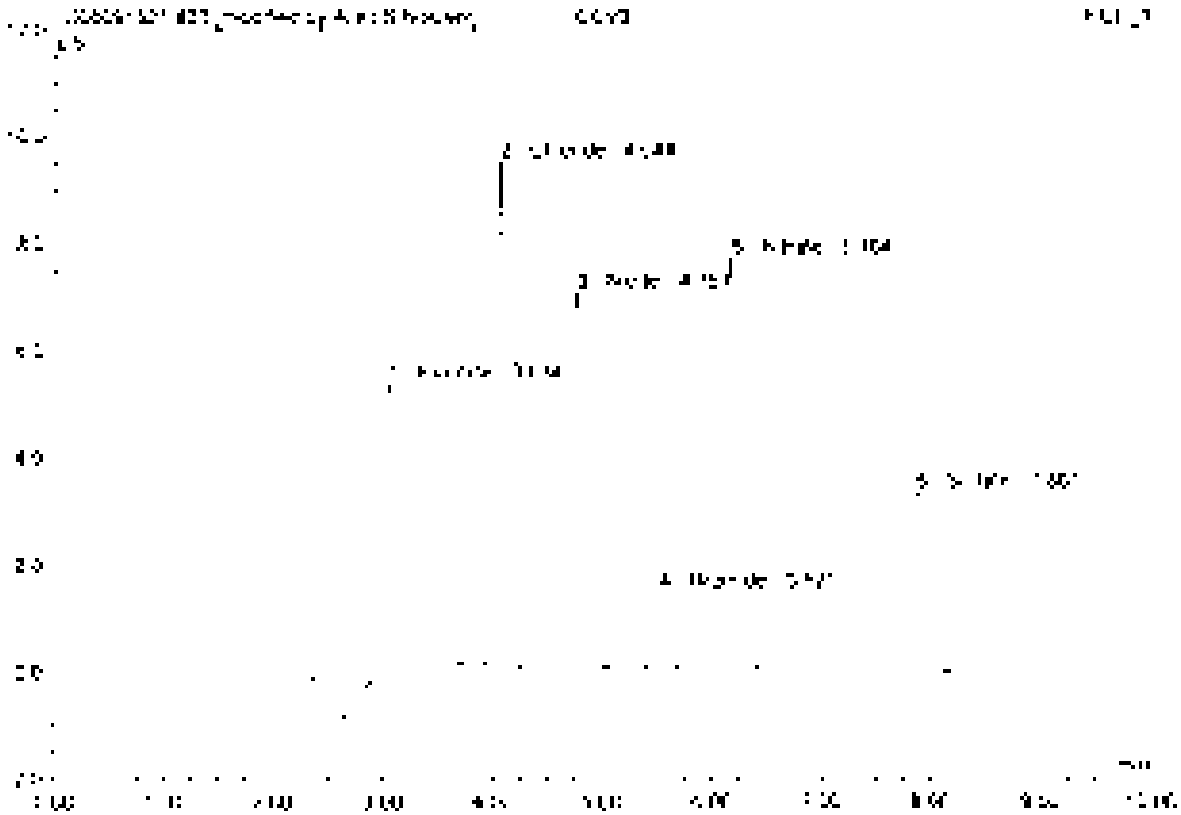
Sample Name	K2110716-003	Injection Volume	25.0
Vial Number	19	Channel	EGD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	9/15/2021 16:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.39	n.a.	0.544	1.254	100.00	n.a.	BV8
Total:			0.544	1.254	100.00	0.000	

33 CCV3

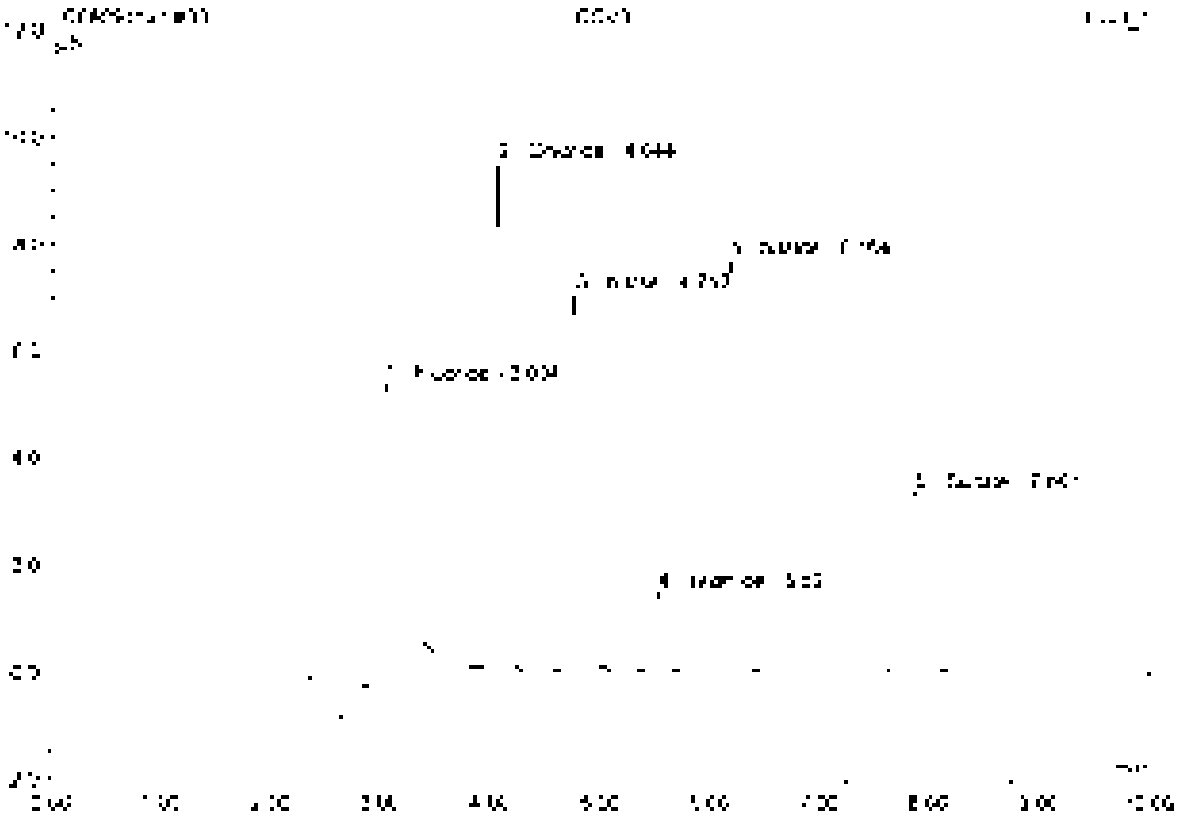
Sample Name	CCV3	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantif. Method	wpa300	Dilution Factor	1.0000
Injection Time	9/15/2021 18:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.33	Fluoride	5.566	1.206	24.83	5.316	BMB*
2	4.04	Chloride	9.436	0.860	17.84	4.202	BMB*
3	4.76	Nitrite	7.047	0.900	18.68	2.527	BMB
4	5.52	Bromide	1.471	0.175	3.71	2.478	BMB
5	6.16	Nitrate	5.167	1.066	21.94	2.359	BMB
6	7.06	Sulfate	1.085	0.628	13.00	4.889	BMB
Total:			34.592	4.832	100.00	22.302	

33 CCV3

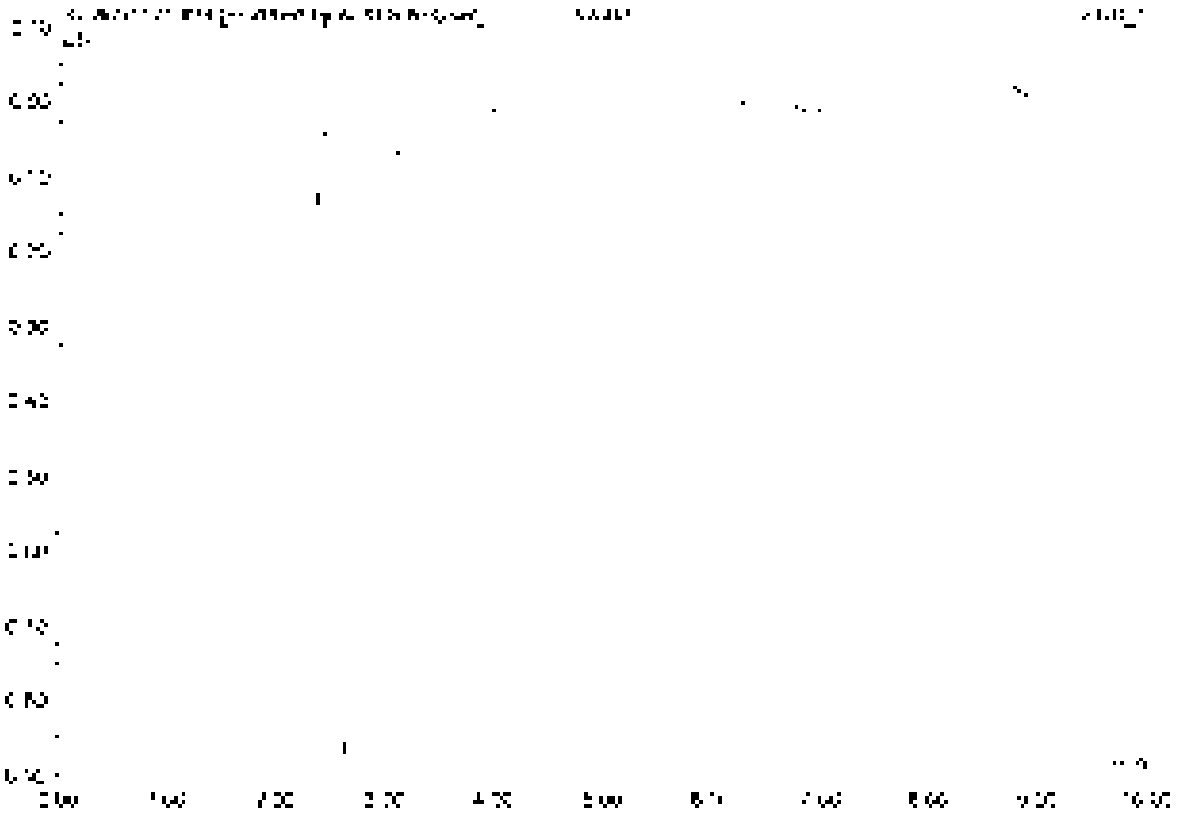
Sample Name	CCV3	Injection Volume	26.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	5/19/2021 16:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.03	Fluoride	5.595	[illegible]	25.88	5.640	BMB
2	4.04	Chloride	9.456	0.862	17.59	4.722	BMB
3	4.45	Nitrite	[illegible]	0.503	18.42	2.527	BVB
4	5.57	Bromide	1.471	0.175	3.66	2.428	BVB
5	5.16	Nitrate	2.707	[illegible]	21.63	2.356	BMB
6	7.86	Sulfate	3.345	0.628	12.82	4.889	BMB
Total:			34.621	4.900	100.00	22.605	

34 CCB3

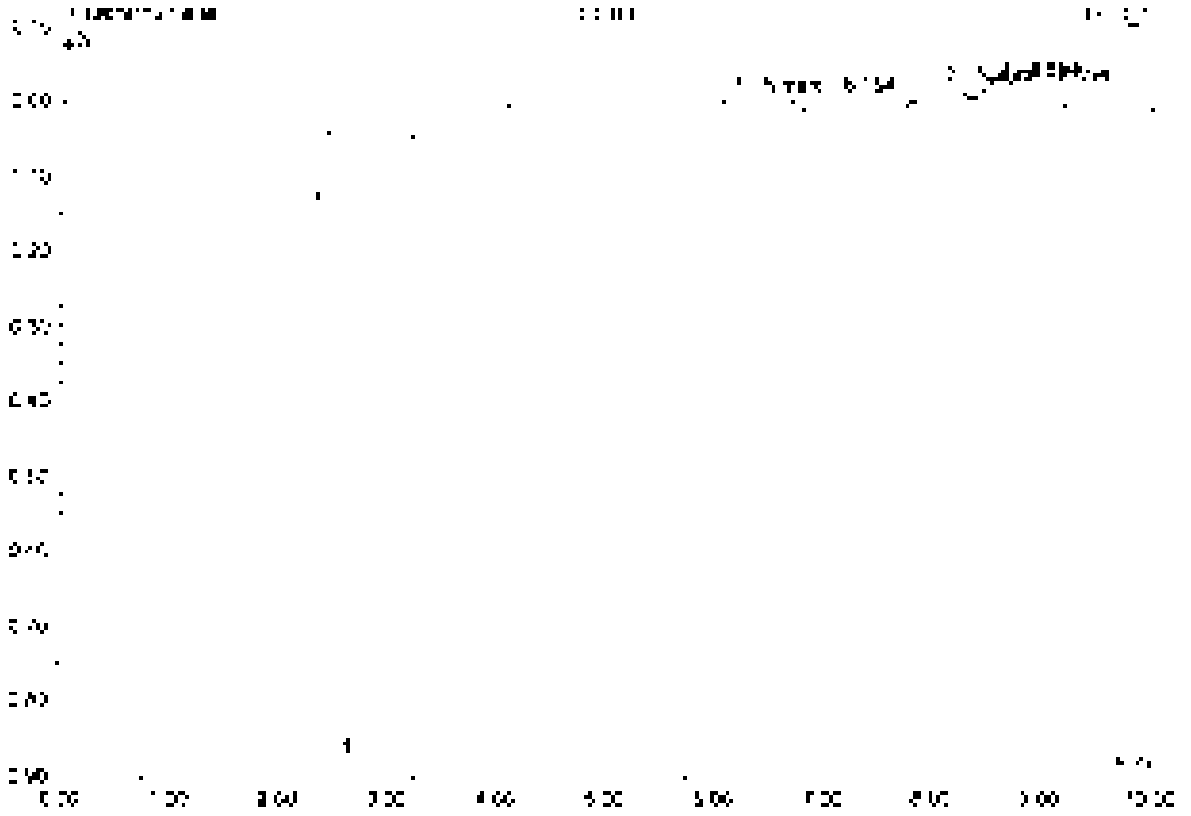
Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	8/13/2021 17:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

34 CCB3

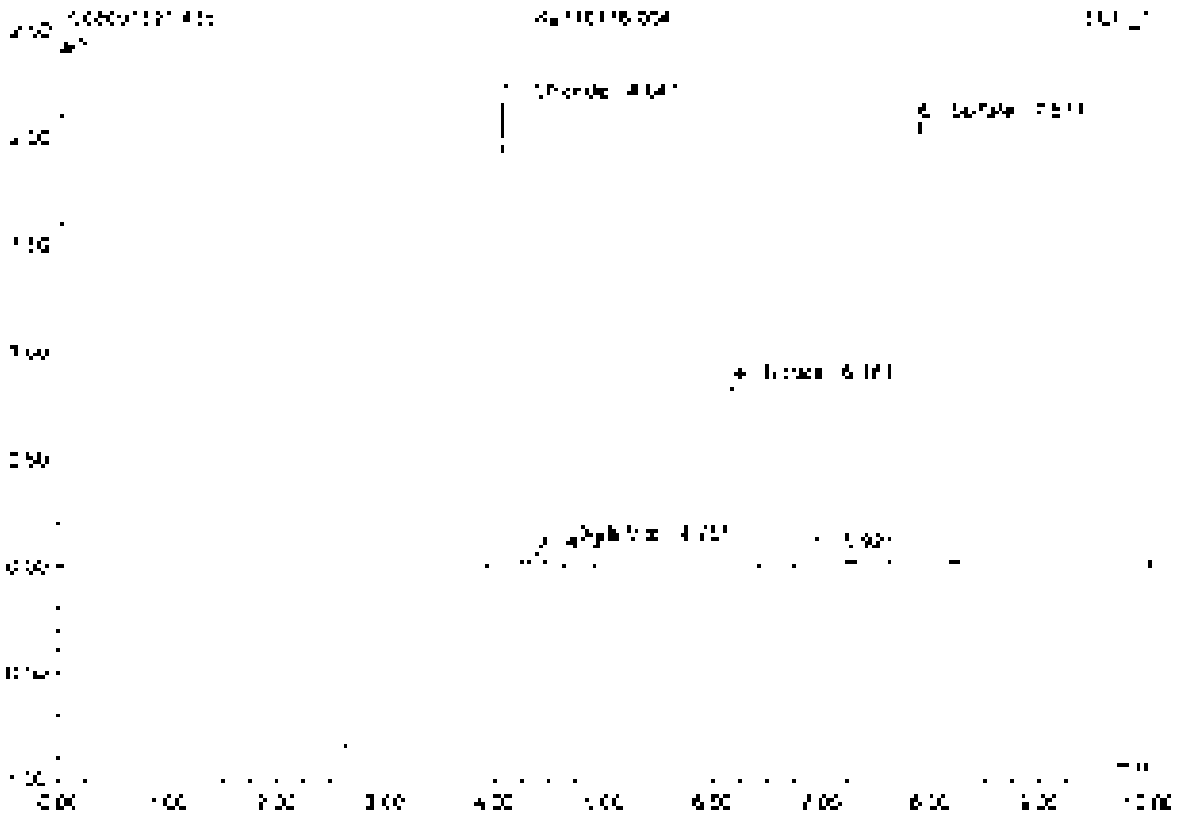
Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 17:02	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BV B
2	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BV c
[illegible]	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

35 K2110716-004

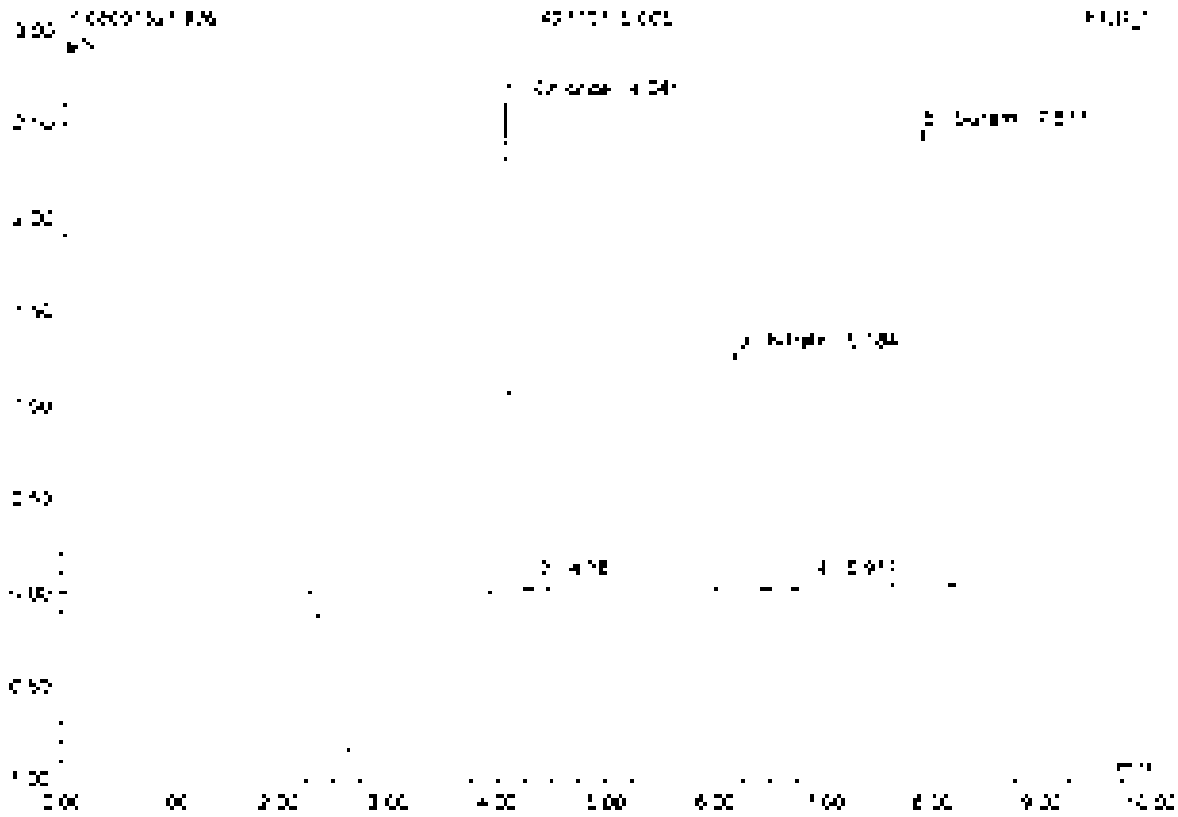
Sample Name	K2110716-004	Injection Volume	25.0
Vial Number	70	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	9/15/2021 17:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.04	Chloride	2.164	0.200	27.42	2.221	BMB
2	4.32	n.a.	0.061	0.006	0.86	n.a.	BMB
3	4.75	Nitrite	0.096	0.012	1.62	0.067	BMB
4	5.18	Nitrate	0.347	0.120	16.25	0.946	BMB
5	6.92	n.a.	0.058	0.019	2.64	n.a.	BMB
6	7.27	Sulfate	2.061	0.380	51.39	6.517	BMB
Total:			5.775	0.739	100.00	8.749	

36 K2110716-005

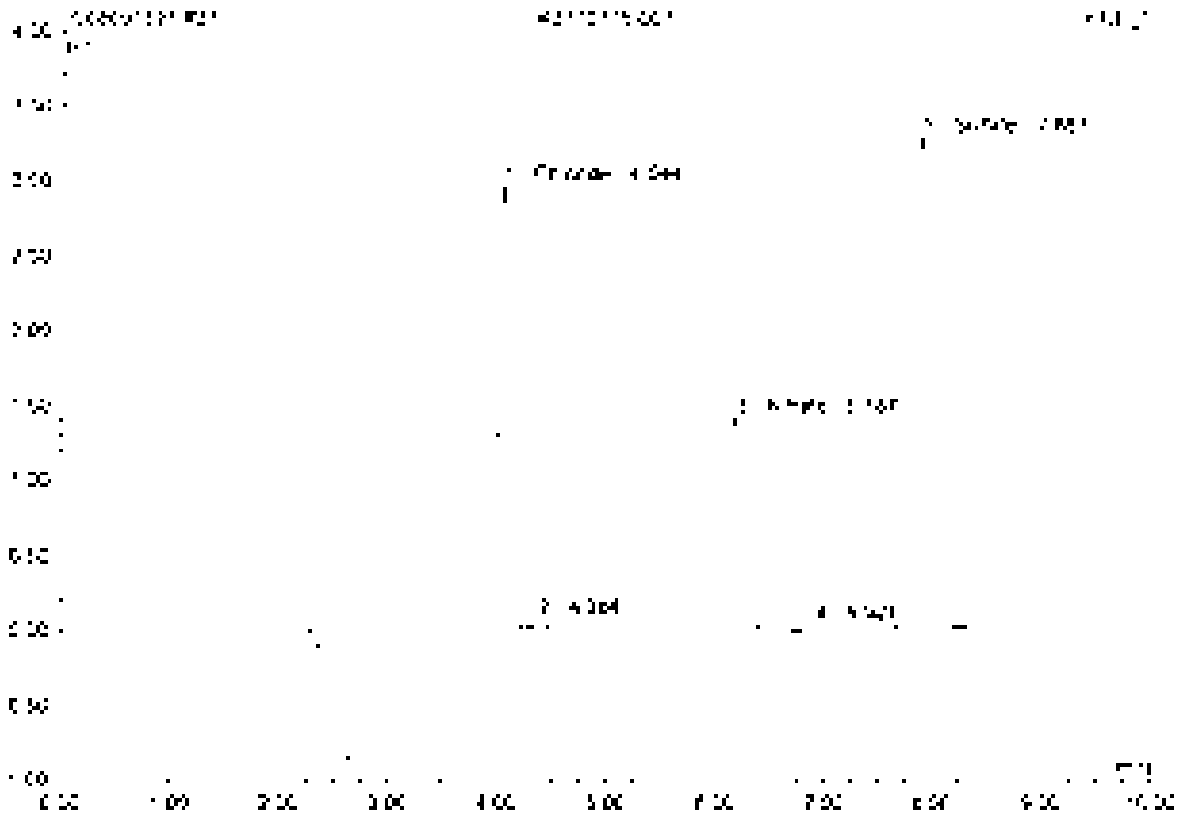
Sample Name	K2110716-005	Injection Volume	25.0
Vial Number	21	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantif. Method	wpa300	Calibration Factor	2.0000
Acquisition Time	9/15/2021 17:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	2.620	0.344	27.35	2.678	BMB
2	4.38	n.a.	0.054	0.005	0.61	n.a.	BMB
3	5.18	Nitrate	1.270	0.182	20.46	0.878	BMB
4	5.57	n.a.	0.054	0.018	2.05	n.a.	BMB
5	7.28	Sulfate	7.437	0.440	49.54	6.895	BMB
Total:			6.430	0.894	100.00	10.450	

37 K2110716-007

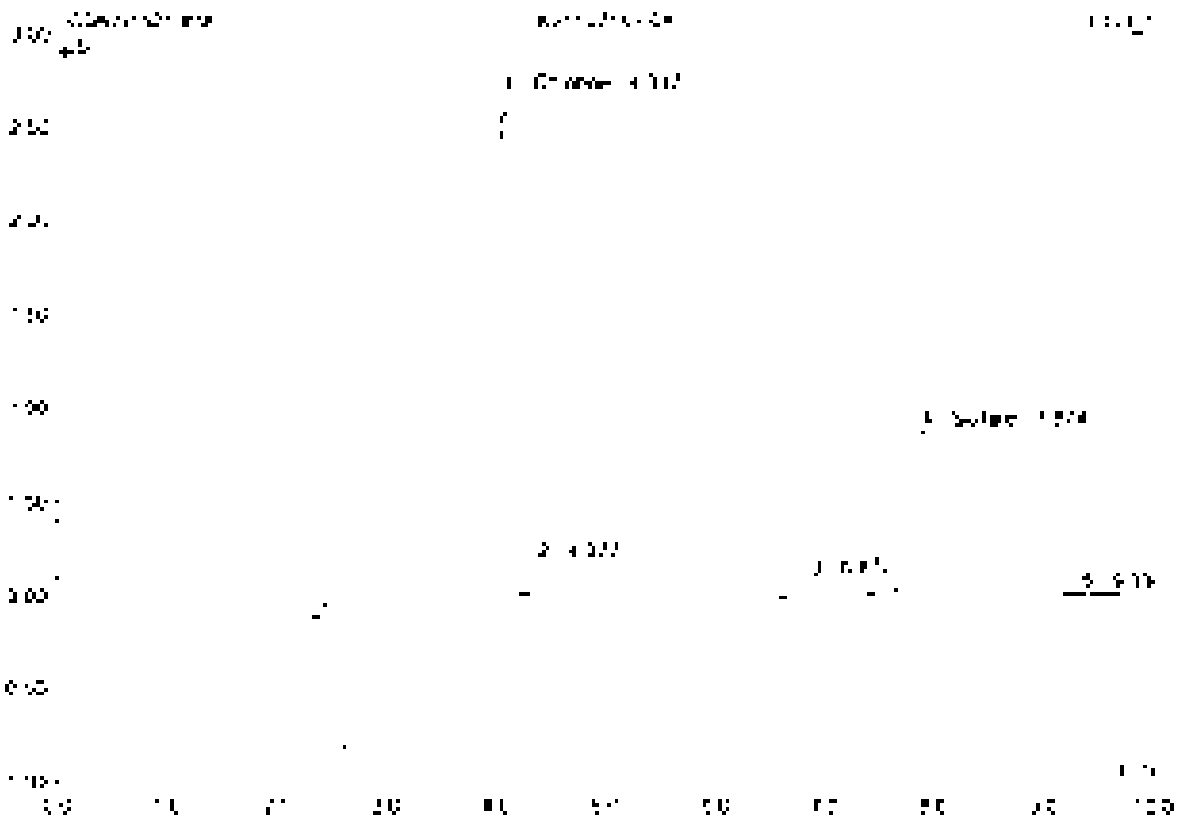
Sample Name	K2110716-007	Injection Volume	25.0
Run Number	22	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Quality Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	3.0000
Recording Time	9/15/2021 17:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	2.969	0.277	25.00	3.031	BMB
2	4.38	n.a.	0.073	0.007	0.67	n.a.	BMB
3	6.19	Nitrate	1.420	0.204	18.41	2.973	BMB
4	6.90	n.a.	0.049	0.017	1.51	n.a.	BVB
5	7.89	Sulfate	3.265	0.602	54.41	9.318	BMB
Total:			7.796	1.107	100.00	15.312	

38 K2110716-008

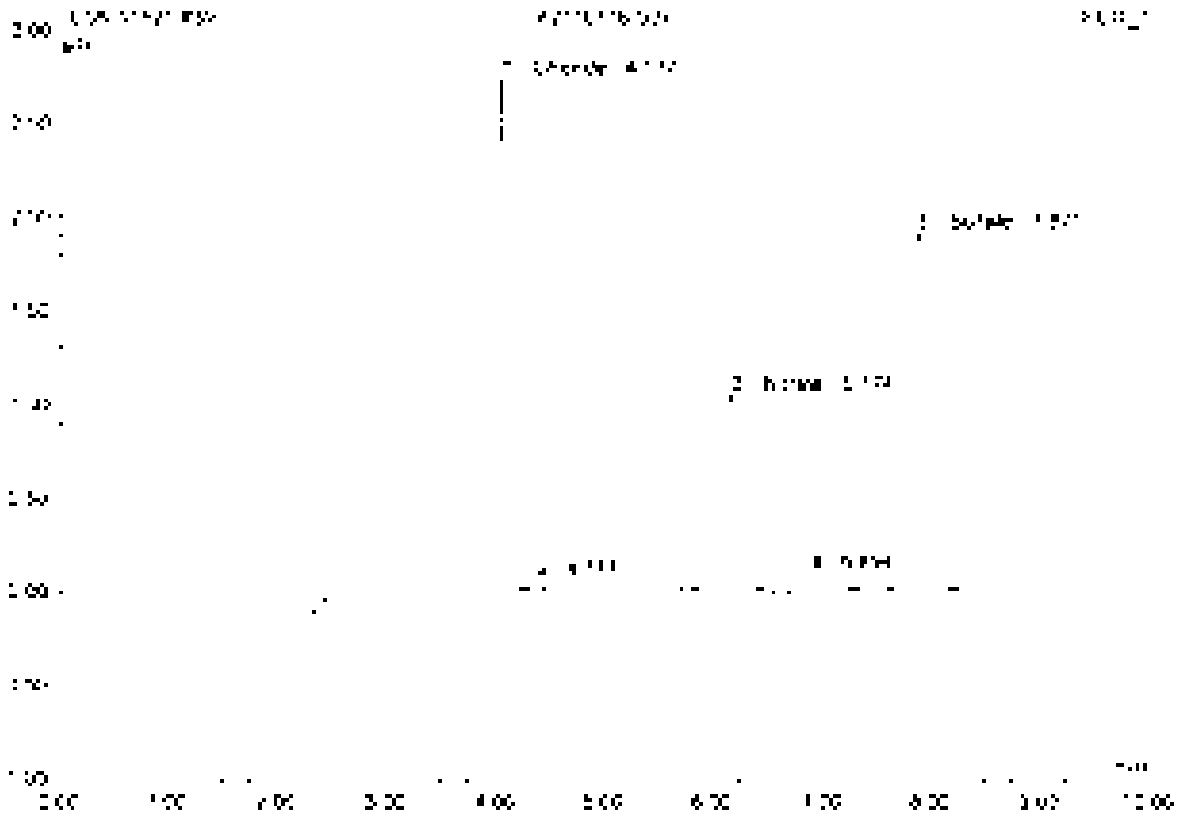
Sample Name	K2110716-008	Injection Volume	25.0
Vial Number	21	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	9/13/2021 17:49	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Relative %	Amount	Type
1	4.34	Chloride	2.674	0.250	52.37	2.744	BV*
2	4.35	n.a.	0.172	0.018	3.72	n.a.	BV*
3	6.57	n.a.	0.098	0.040	8.95	n.a.	BMB
4	7.87	Sulfate	0.268	0.161	33.61	2.503	BMB
5	9.33	n.a.	0.010	0.006	1.35	n.a.	BMB
Total:			3.824	0.470	100.00	5.245	

39 K2110716-009

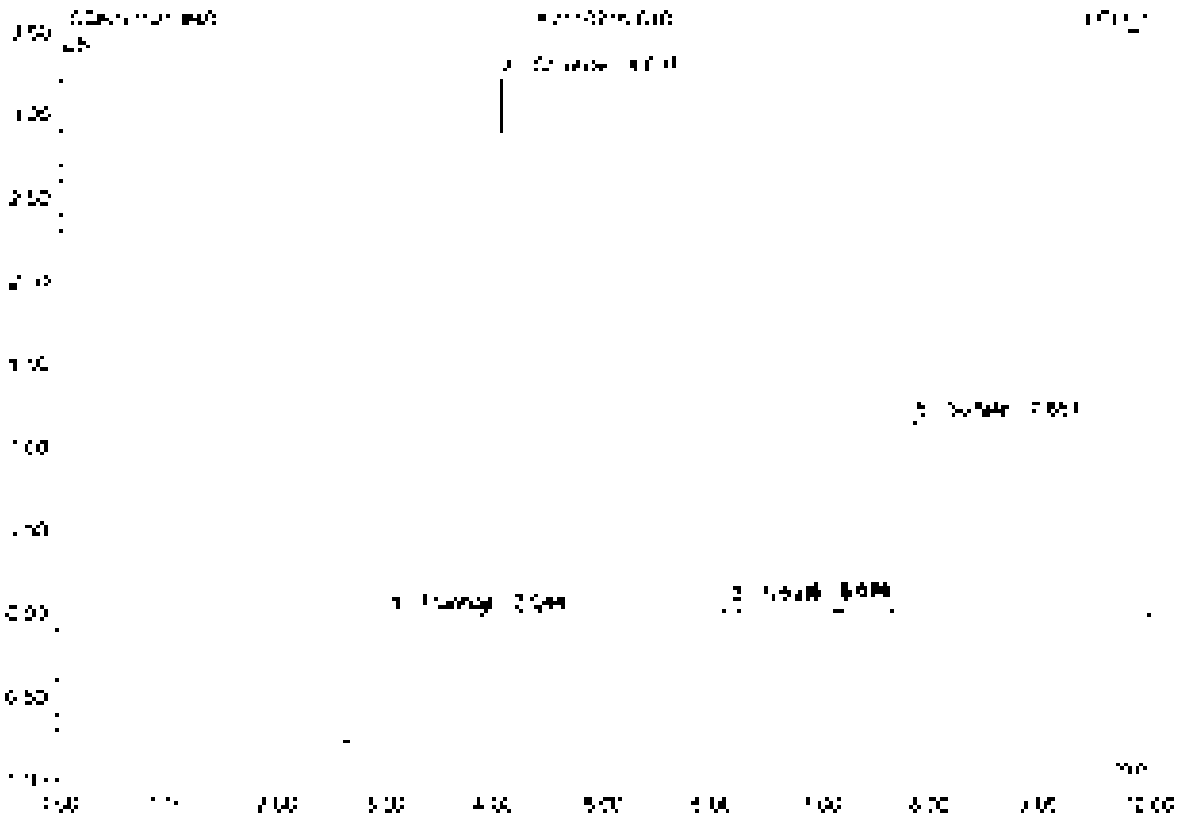
Sample Name	K2110716-009	Injection Volume	25.0
Vial Number	24	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Method Method	epa300	Dilution Factor	2.0000
Recording Time	9/15/2021 14:00	Sample Weight	1.0000
Run Time (max.)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.24	Chloride	2.738	0.255	31.01	2.796	BMB
2	4.38	n.a.	0.051	0.005	0.64	n.a.	BMB
3	6.17	Nitrite	1.040	0.161	20.09	0.727	BMB
4	6.50	n.a.	0.045	0.007	0.90	n.a.	BMB
5	7.57	Sulfate	1.904	0.352	43.96	5.475	BMB
Total:			5.779	0.800	100.00	8.998	

40 K2110716-010

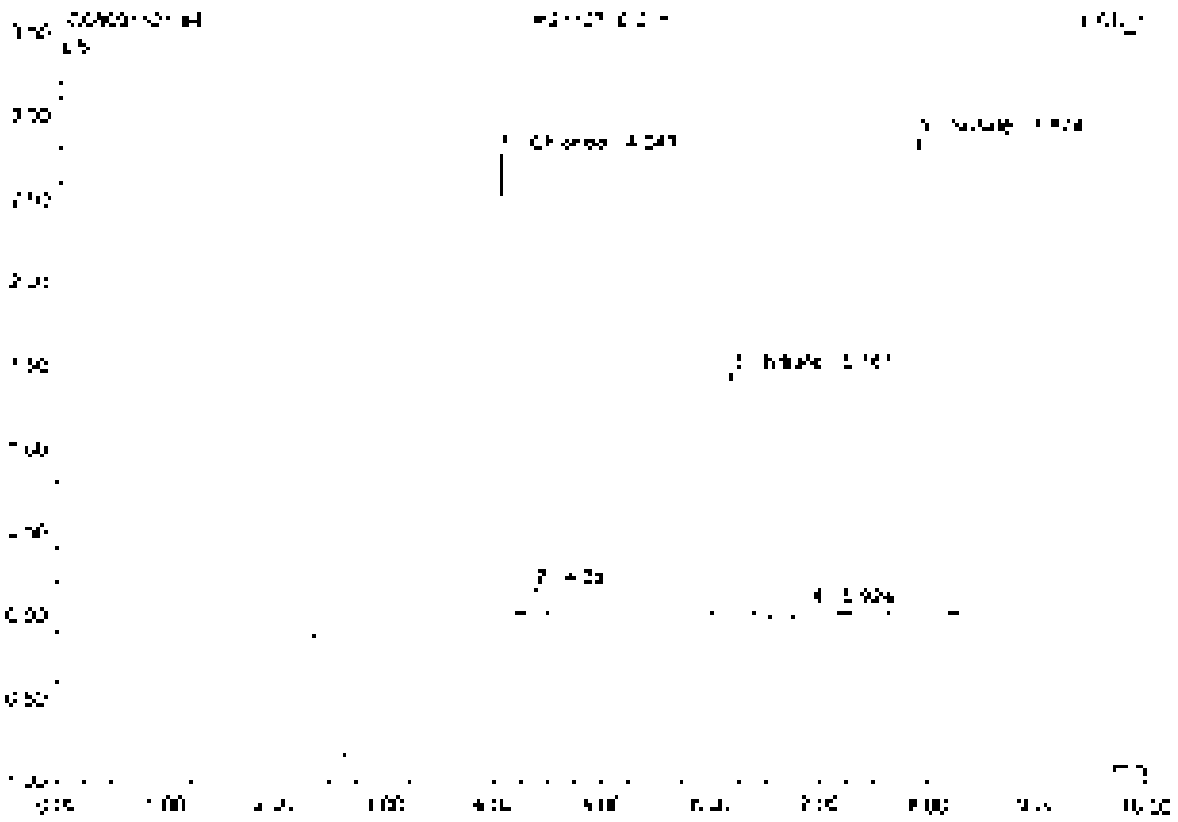
Sample Name	K2110716-010	Injection Volume	25.0
Vial Number	25	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Processing Time	9/15/2021 18:13	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	0.530	0.358	25.79	3.123	BMB
2	4.04	Chloride	0.227	0.295	20.26	3.277	BMB
3	6.17	Nitrate	0.050	0.008	0.55	0.015	BMB
4	5.87	n.a.	0.071	0.035	2.58	n.a.	BMB
5	7.86	Sulfate	1.167	0.256	24.34	3.365	BMB
Total:			2.053	0.900	100.00	9.852	

41 K2110716-011

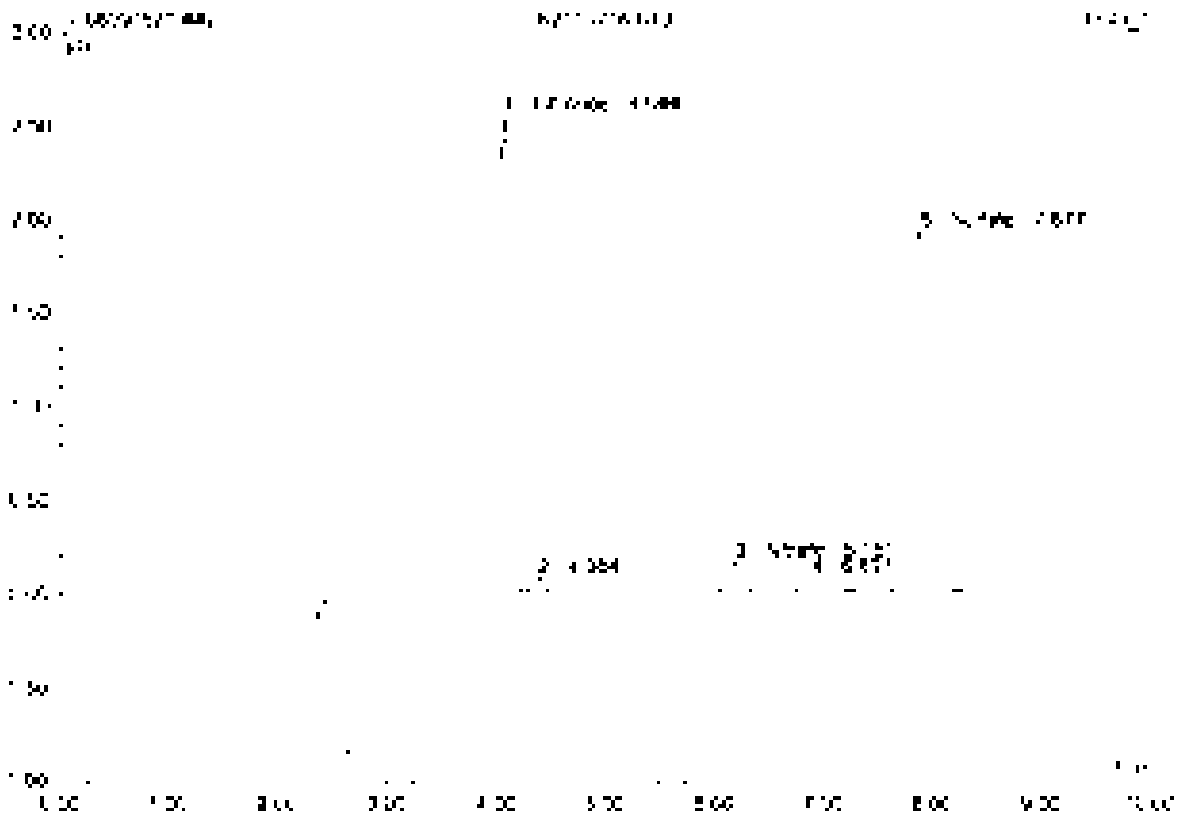
Sample Name	K2110716-011	Injection Volume	25.0
Vial Number	25	Channel	ECD 1
Sampler Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Recording Time	9/15/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	[illegible]	0.258	25.20	2.831	BMB
2	4.38	n.a.	0.158	0.015	1.51	n.a.	BMB
3	6.18	Nitrate	[illegible]	0.208	20.30	0.942	BMB
4	6.52	n.a.	0.052	0.019	1.73	n.a.	BMB
5	[illegible]	Sulfate	2.866	0.525	51.17	8.171	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

42 K2110716-013

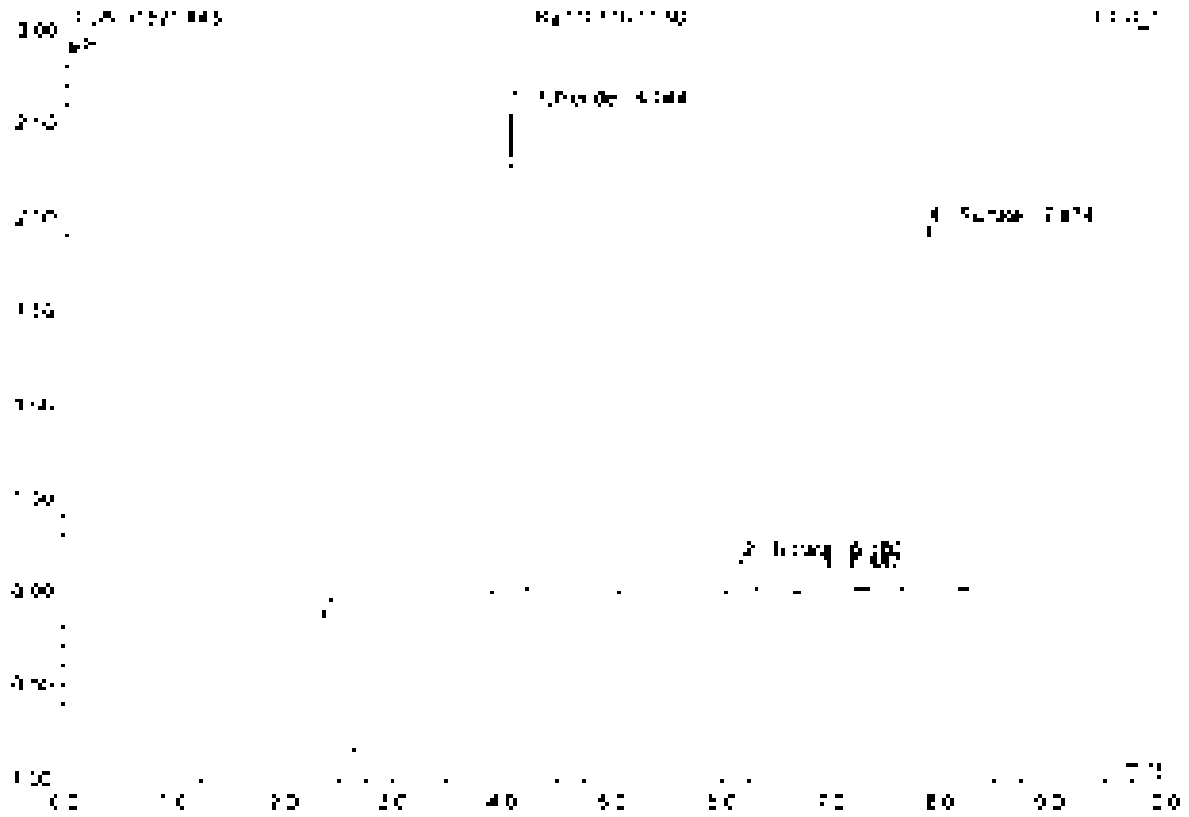
Sample Name	K2110716-013	Injection Volume	25.0
Vial Number	27	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	9/15/2021 18:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.06	Chloride	2.553	0.738	36.72	2.503	BMB
2	4.39	n.a.	0.075	0.038	1.23	n.a.	BMB
3	5.18	Nitrate	0.150	0.023	3.64	0.124	BMB
4	6.80	n.a.	0.080	0.022	3.48	n.a.	BMB
5	7.88	Sulfate	1.925	0.356	55.04	5.541	BMB
Total:			4.931	0.547	100.00	8.251	

43 K2110716-013D

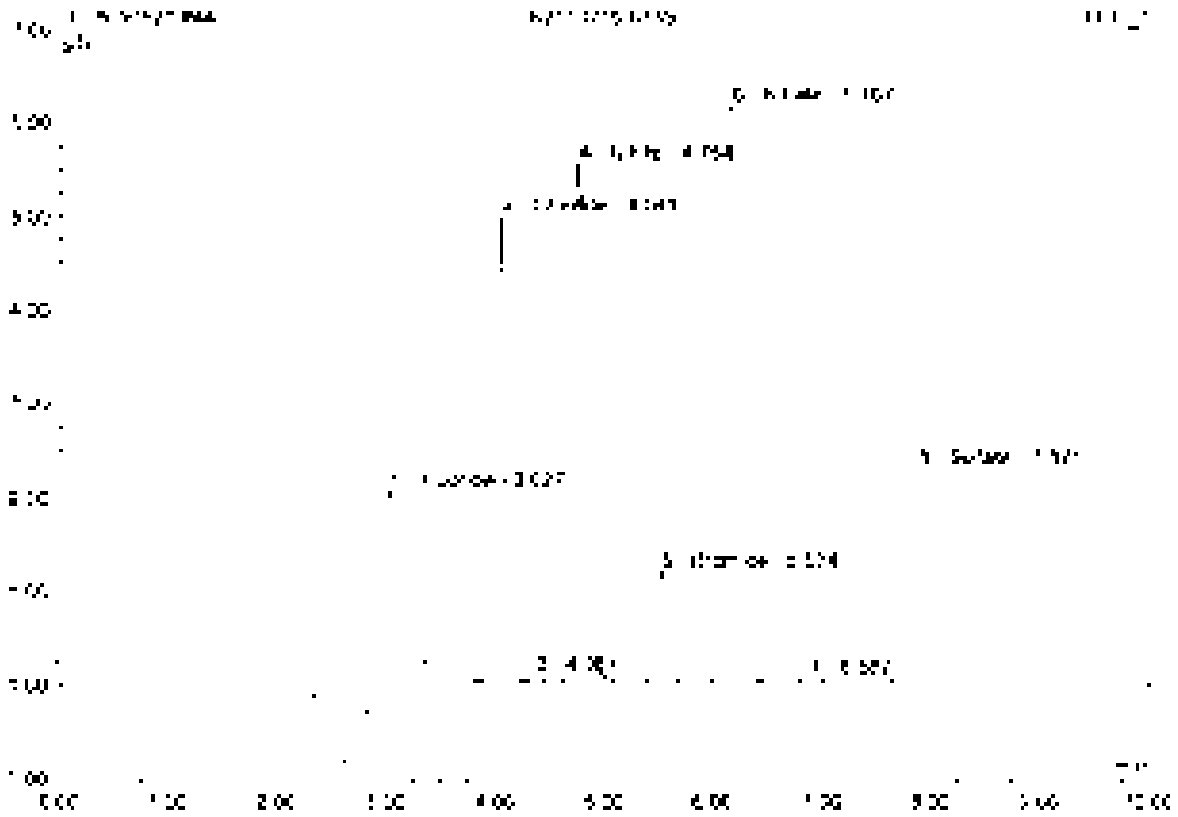
Sample Name	K2110716-013D	Injection Volume	25.0
Vial Number	28	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Current Program	epa300	Bandwidth	n.a.
Current Method	epa300	Dilution Factor	2.0000
Recording Time	9/16/2021 18:47	Sample Weight	1.0000
Run Time (min)	40.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.34	Chloride	2.580	0.241	27.14	2.635	BMB
2	5.18	Nitrate	0.163	0.021	2.35	0.164	BMB
3	6.69	n.a.	0.096	0.026	4.02	n.a.	BMB
4	7.57	Sulfate	2.941	0.459	56.79	4.583	BMB
Total:			4.781	0.845	100.00	8.325	

44 KZ110716-013S

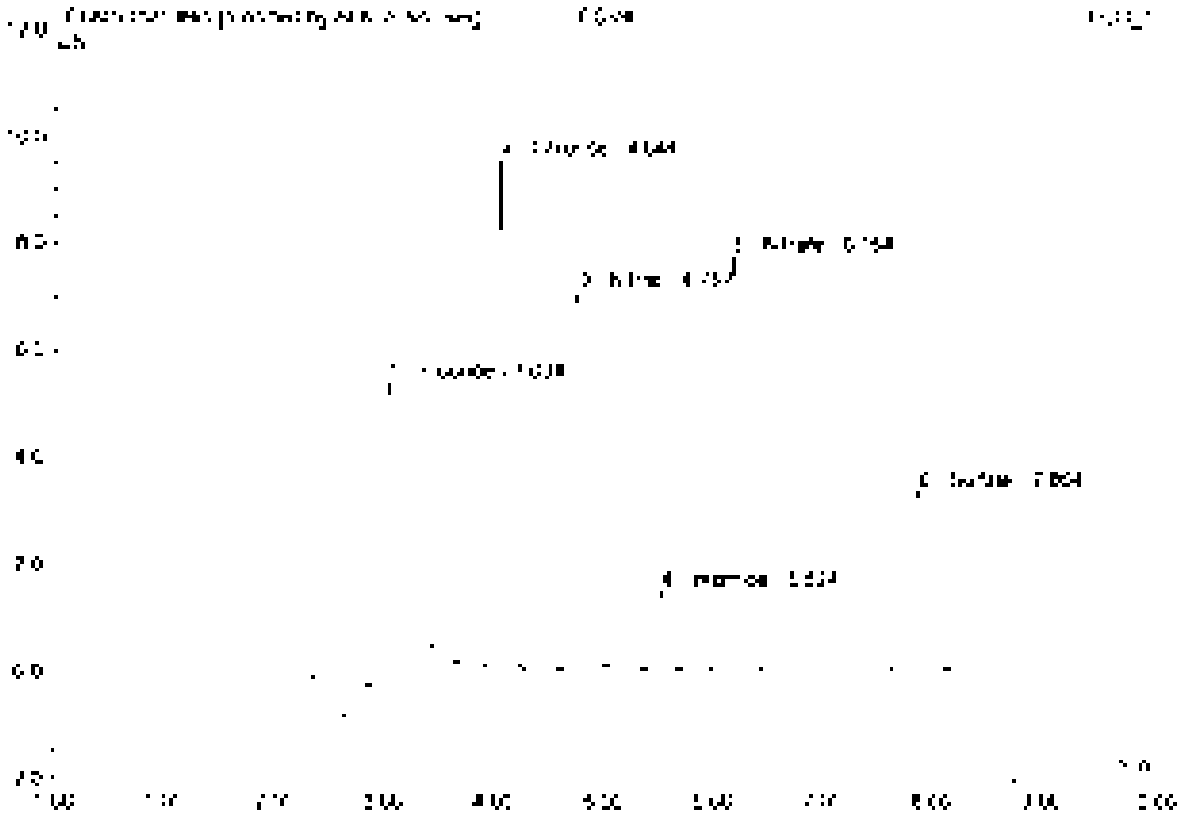
Sample Name	KZ110716-013S	Injection Volume	25.0
Vial Number	29	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Method Method	epa300	Dilution Factor	4.0000
Recording Time	9/15/2021 18:58	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.03	Fluoride	2.311	0.576	12.03	0.257	BMB
2	4.04	Chloride	4.365	0.459	14.37	0.259	BMB
3	4.38	n.a.	0.067	0.006	0.20	n.a.	BMB
4	4.75	Nitrite	5.537	0.706	22.19	2.940	BMB
5	5.52	Bromide	1.184	0.146	4.57	0.497	BMB
6	5.17	Nitrate	5.165	0.857	26.83	2.758	BMB
7	6.59	n.a.	0.050	0.015	0.46	n.a.	BMB
8	7.57	Sulfate	7.795	0.476	14.90	13.219	BMB
Total:			27.573	3.195	100.00	21.195	

45 CCV4

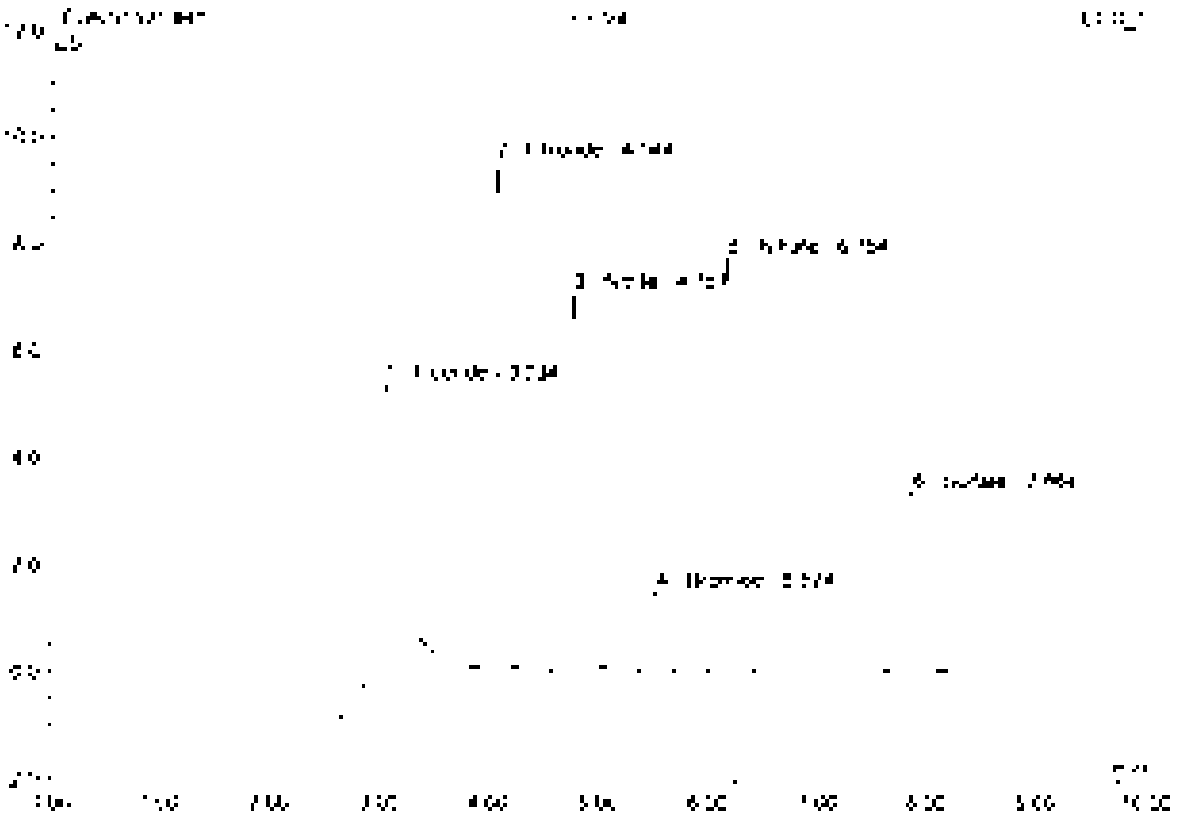
Sample Name	CCV4	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	9/15/2021 18:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.93	Fluoride	5.563	[illegible]	24.40	5.234	BV/B'
2	4.34	Chloride	9.478	0.805	17.93	4.736	BV/B'
3	4.76	Nitrite	7.052	0.307	10.81	2.540	BV/B
4	5.52	Bromide	1.479	0.151	3.75	2.448	BV/B
5	5.10	Nitrate	7.730	1.364	22.07	2.402	BV/B
6	7.80	Sulfate	3.344	0.625	13.04	4.296	BMB
Total:			34.645	4.522	100.00	22.262	

45 CCV4

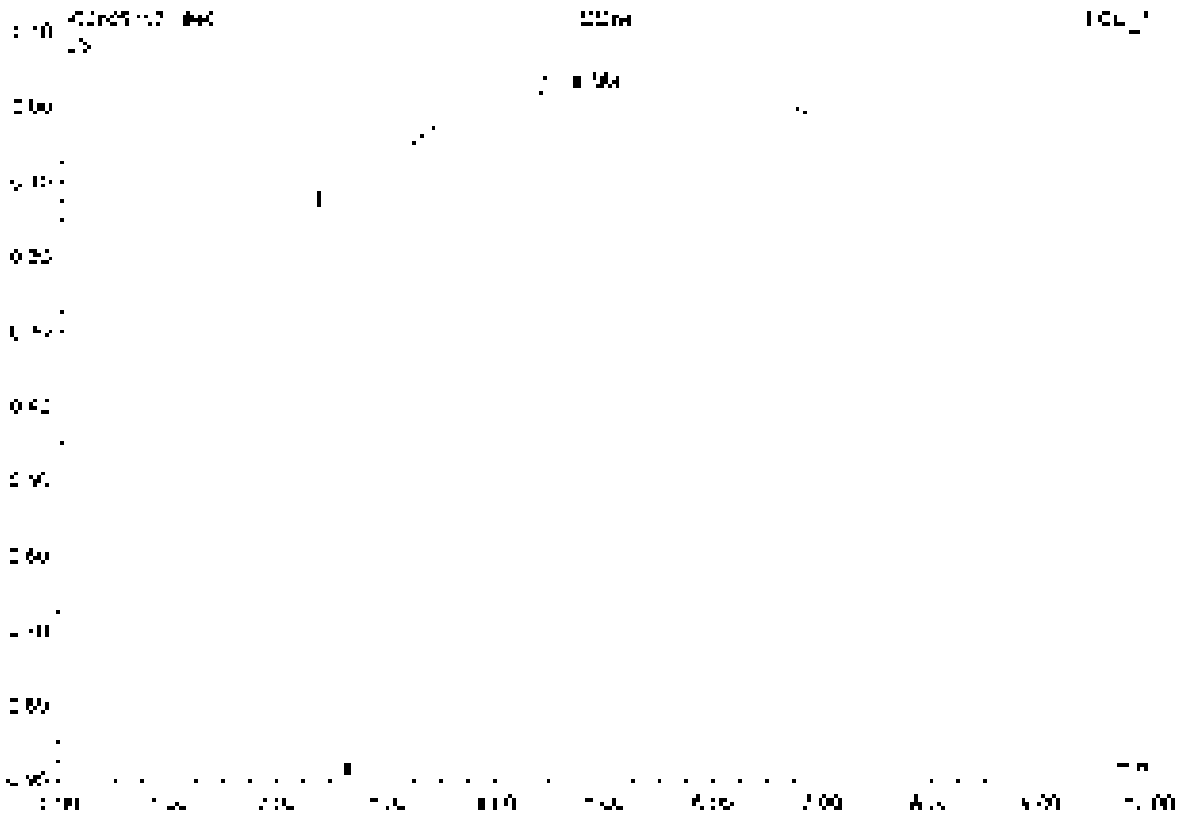
Sample Name	CCV4	Injection Volume	25.0
Vial Number	45	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Acquisition Time	9/15/2021 19:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	5.609	1.275	20.53	5.578	BMb
2	4.04	Chloride	5.479	0.865	17.57	4.736	BMB
3	4.76	Nitrite	7.052	0.907	18.40	2.540	BVB
4	5.52	Bromide	1.472	0.181	3.67	2.445	BVB
5	6.15	Nitrate	7.730	1.064	21.62	2.408	BVB
6	7.86	Sulfate	3.344	0.629	12.78	4.636	BVB
Total			34.667	4.922	100.00	22.705	

46 CCB4

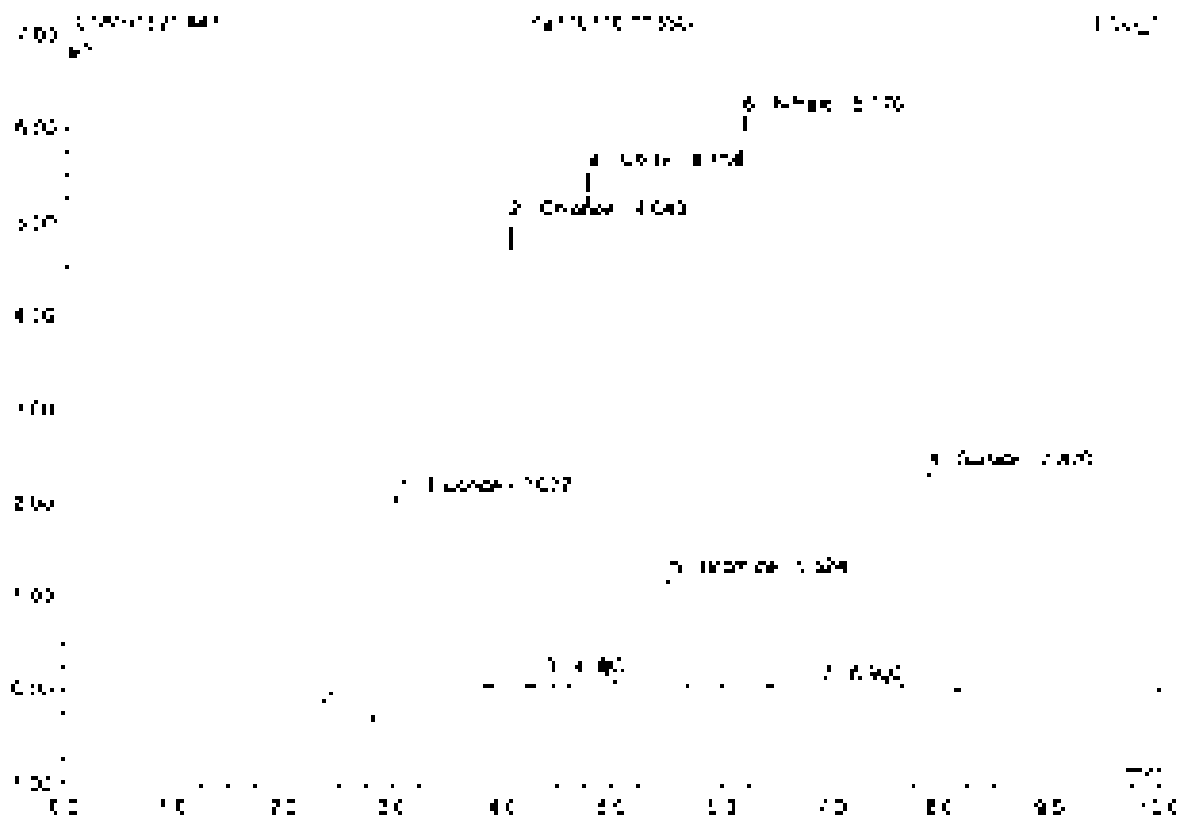
Sample Name	CCB4	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Operator Method	epa300	Calibrate Factor	1.0000
Processing Time	5/15/2021 18:22	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.09	n.a.	0.701	3.108	100.00	n.a.	BMB
Total:			0.701	3.108	100.00	0.000	

47 K2110716-013SD

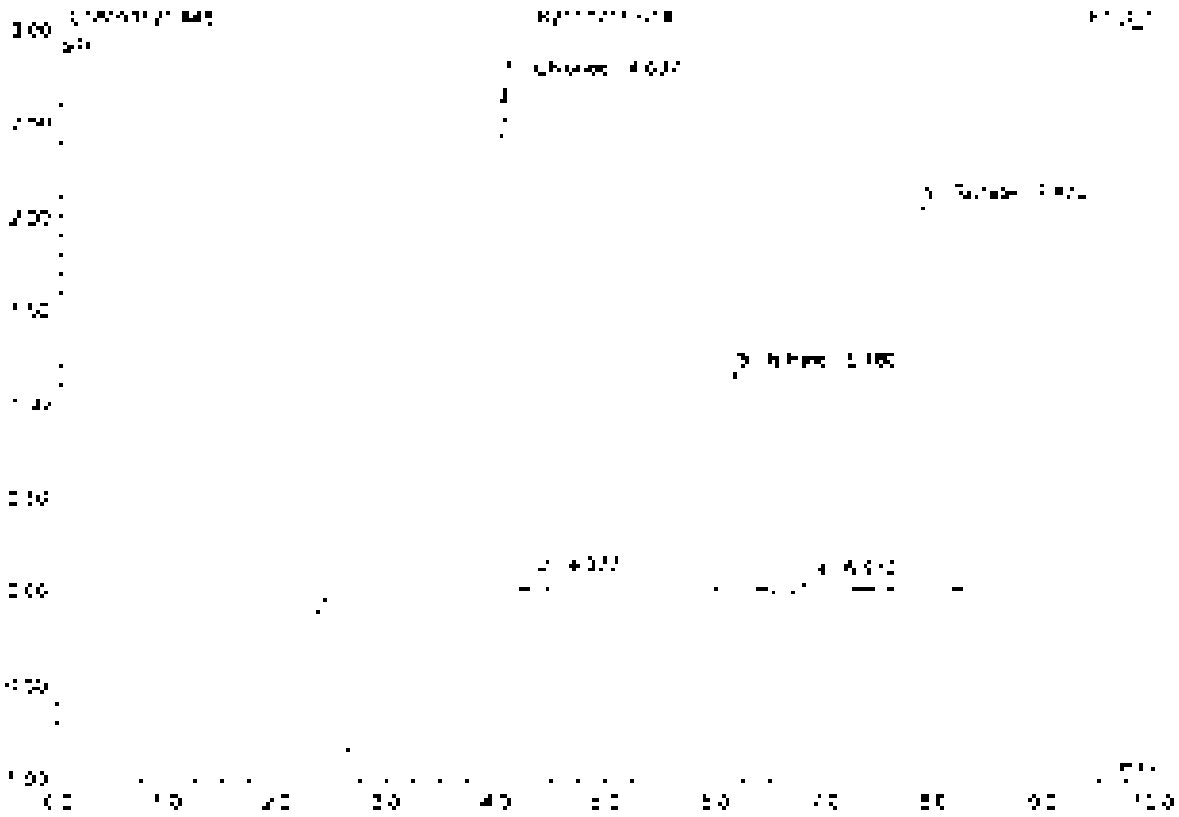
Sample Name	K2110716-013SD	Injection Volume	25.0
Vial Number	35	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	4.0000
Recording Time	9/15/2021 19:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.03	Fluoride	2.217	0.584	18.20	10.385	BMB
2	4.04	Chloride	4.583	0.461	14.38	10.102	BVB
3	4.28	n.a.	0.055	0.005	0.30	n.a.	BMB
4	4.75	Nitrite	5.515	0.705	22.10	7.540	BVB
5	5.52	Bromide	1.183	0.145	4.52	7.862	BMB
6	6.17	Nitrate	6.129	0.823	25.60	7.719	BMB
7	6.90	n.a.	0.035	0.010	0.32	n.a.	BVB
8	7.87	Sulfate	7.009	0.405	12.58	13.535	BVB
Total:			22.596	3.206	100.00	67.547	

48 K2110716-014

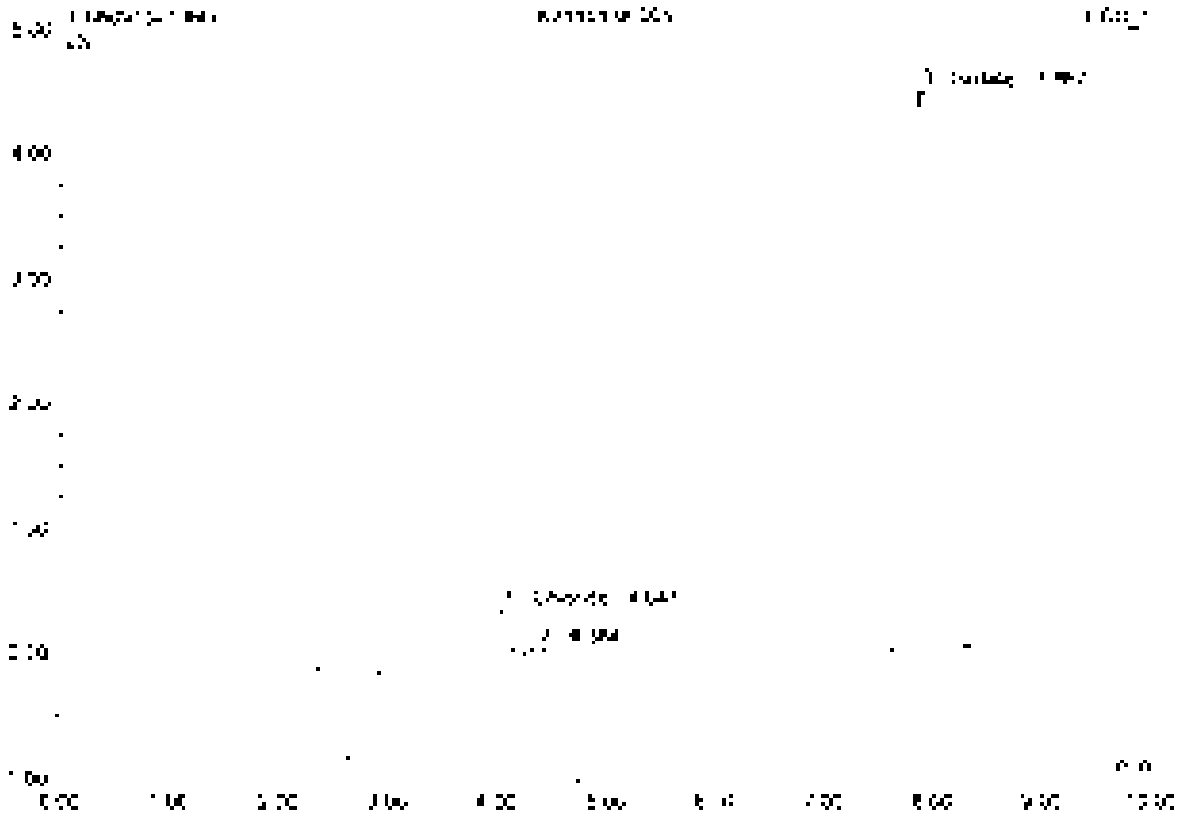
Sample Name	K2110716-014	Injection Volume	25.0
Vial Number	34	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Data/IP Method	apa300	Dilution Factor	2.0000
Recording Time	9/15/2021 18:45	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.24	Chloride	2.738	0.256	30.76	2.800	BVB
2	4.33	n.a.	0.074	0.007	0.80	n.a.	BV B
3	6.13	Nitrate	1.176	0.170	20.46	0.770	BMB
4	6.57	n.a.	0.060	0.022	2.67	n.a.	BMB
5	7.57	Sulfate	2.057	0.376	45.25	5.855	BVB
Total:			6.104	0.831	100.00	9.425	

49 K2110138-005

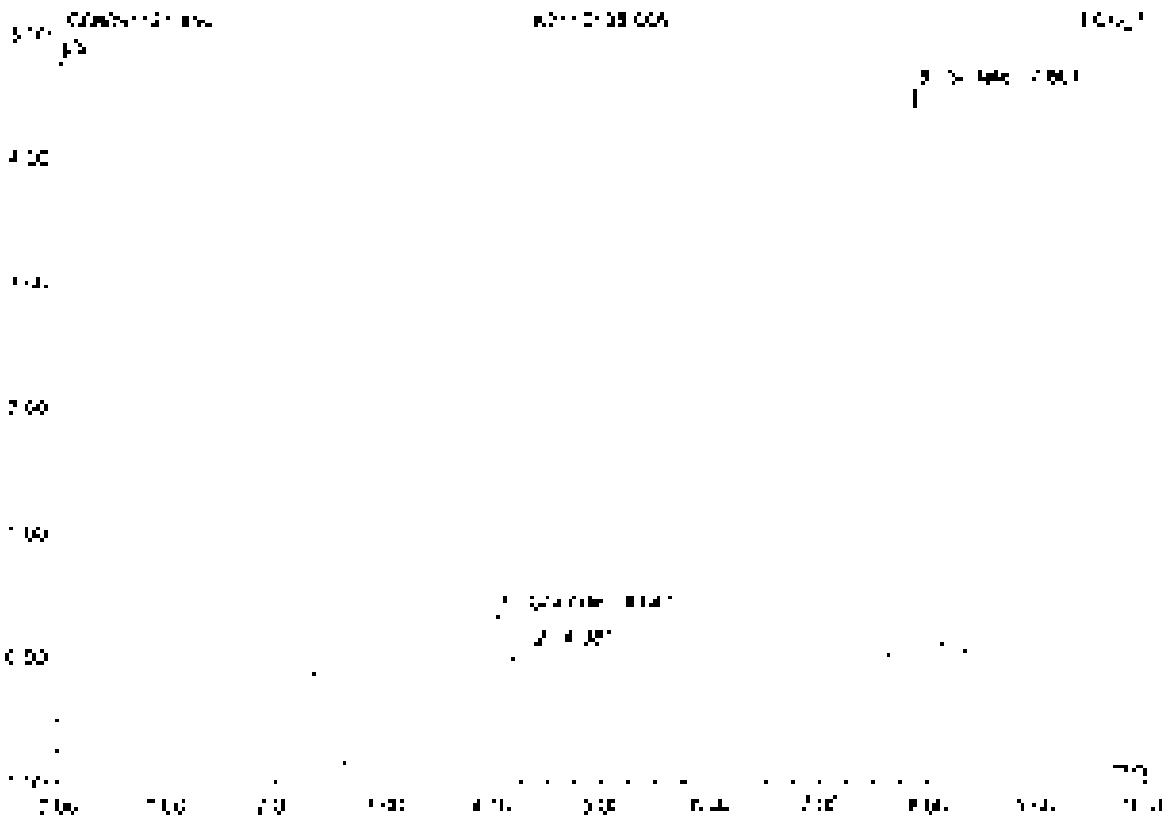
Sample Name	K2110138-005	Injection Volume	25.0
Vial Number	32	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	30.0000
Recording Time	9/13/2021 18:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	0.357	0.034	3.51	3.680	BMB
2	4.38	n.a.	0.051	0.005	0.50	n.a.	bMB
3	[illegible]	Sulfate	4.484	0.944	95.99	131.383	BMB
Total:			4.892	0.983	100.00	135.063	

50 K2110138-006

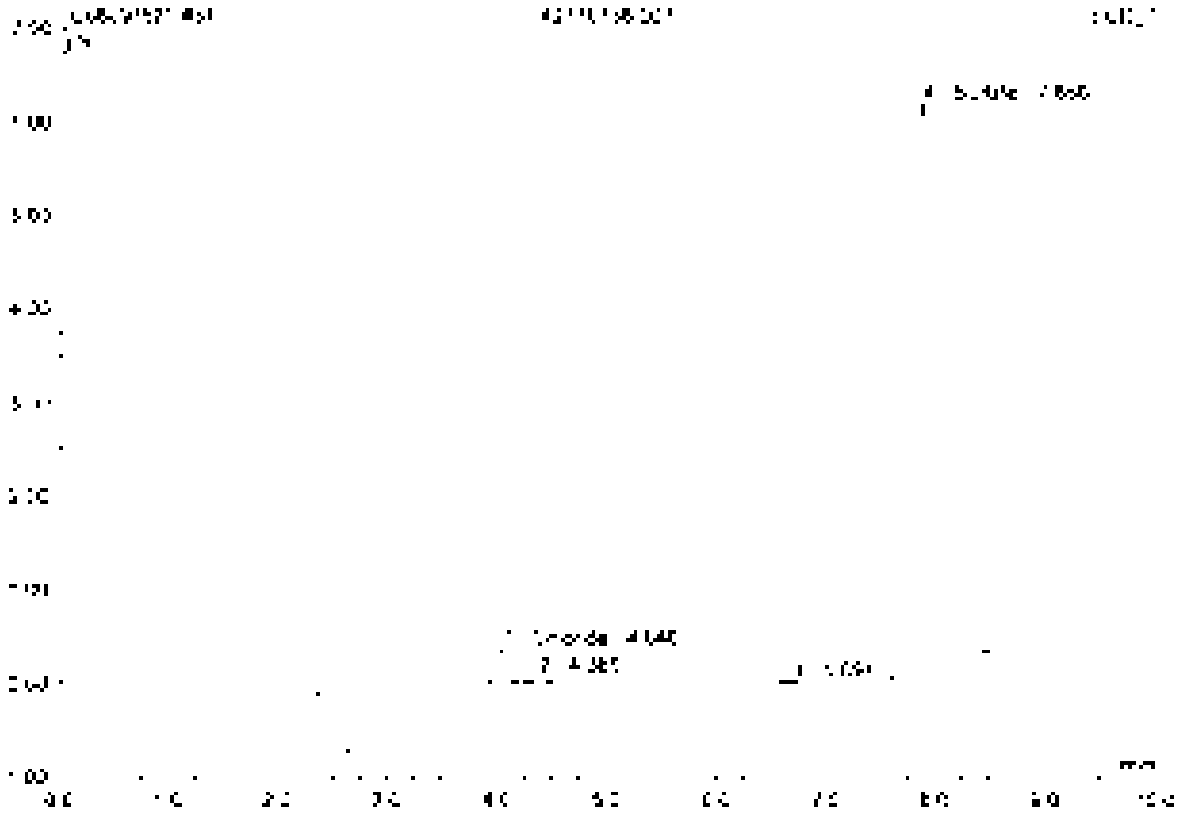
Sample Name	K2110138-006	Injection Volume	25.0
Vial Number	33	Channel	[illegible]
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	20.0000
Recording Time	01/04/2021 20:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.08	Chloride	0.369	0.015	3.64	1.803	BV0
2	4.38	[illegible]	0.081	0.009	2.26	n.a.	BM0
3	[illegible]	Sulfate	4.545	0.858	95.16	133.731	BWR
Total:			4.995	0.902	100.00	137.534	

51 K2110138-007

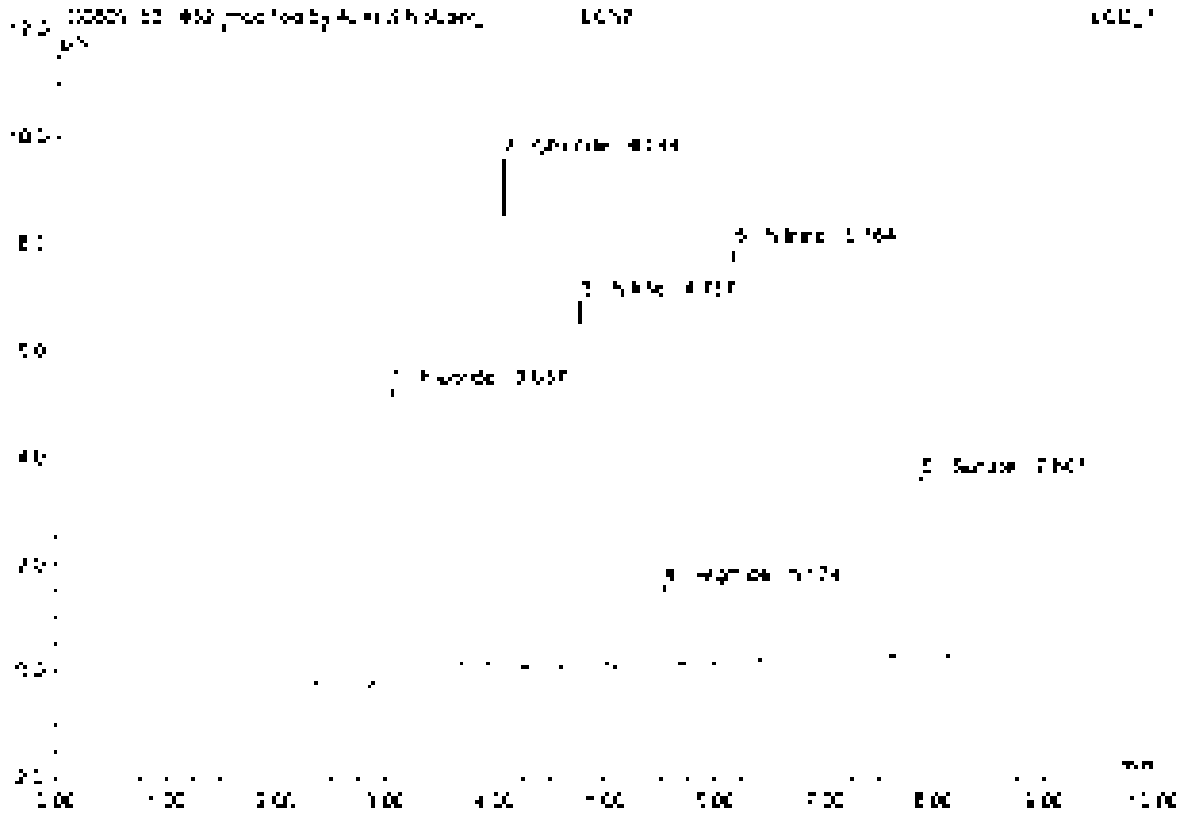
Sample Name	K2110138-007	Injection Volume	25.0
Vial Number	54	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	30.0000
Recording Time	9/15/2021 20:20	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µV	Area µV*min	Rel.Area %	Amount	Type
1	4.34	Chloride	0.357	0.034	2.70	3.746	BMB
2	4.38	n.a.	0.067	0.007	0.56	n.a.	BMB
3	6.70	n.a.	0.026	0.006	0.49	n.a.	BVB
4	7.86	Sulfate	5.066	1.275	96.25	159.735	BVB
Total:			5.516	1.268	100.00	163.482	

52 LCS2

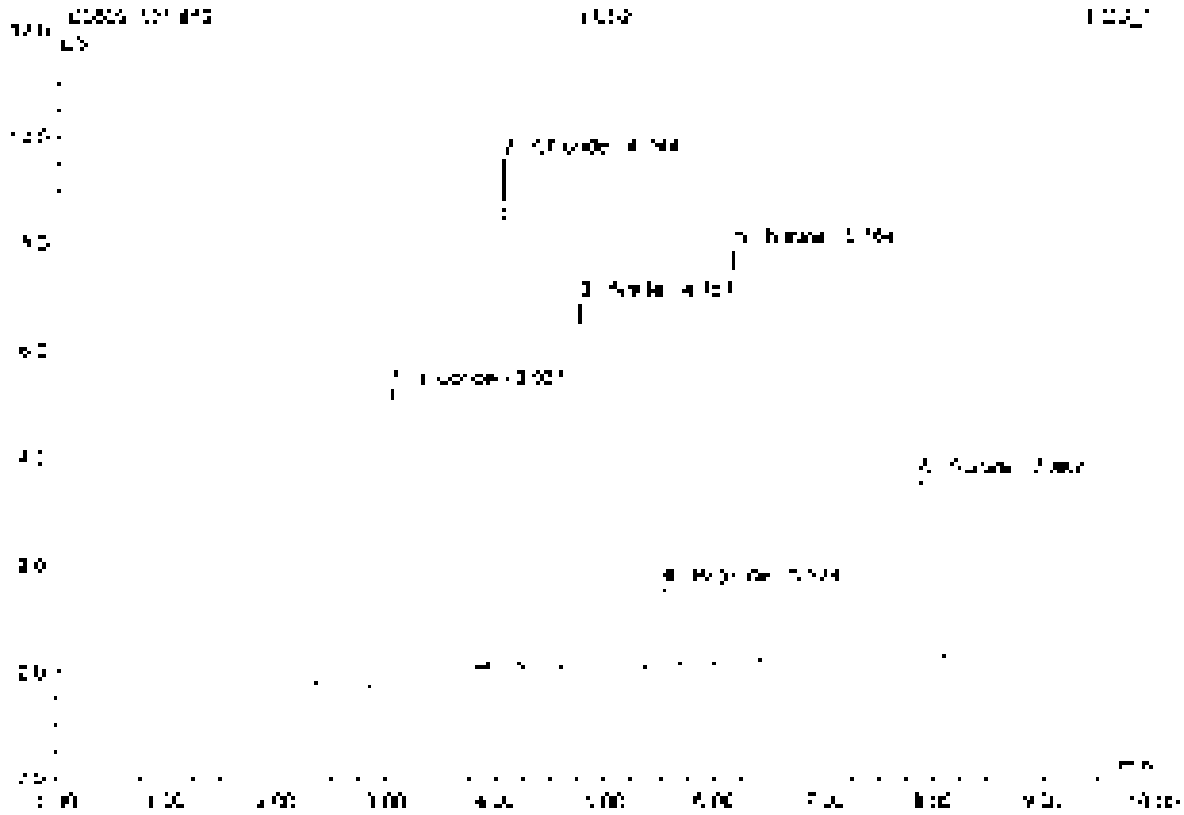
Sample Name	LCS2	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Method Number	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 20:32	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.34	Fluoride	5.479	1.167	24.51	5.262	BMB*
2	4.34	Chloride	8.550	0.972	17.99	4.774	BMB*
3	4.76	Nitrite	6.587	0.537	11.31	2.483	BMB
4	5.52	Bromide	1.100	0.183	3.78	2.482	BMB
5	6.16	Nitrate	7.785	1.070	22.10	2.477	BMB
6	7.57	Sulfate	3.369	0.645	13.31	5.020	BMB
Total:			34.370	4.844	100.00	22.463	

52 LCS2

Sample Name	LCS2	Injection Volume	35.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n/a
Control Program	epa300	Bandwidth	n/a
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 10:32	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.34	Fluoride	5515	1.271	25.79	5.634	BMB
2	4.34	Chloride	9550	0.872	17.69	4.774	BMB
3	5.38	Nitrite	6887	0.887	17.99	2.483	BMB
4	5.52	Bromide	1500	0.183	3.72	2.487	BMB
5	6.10	Nitrate	7785	1.070	21.72	2.422	BMB
6	7.87	Sulfate	7369	0.845	17.14	5.520	BMB
Total:			34.607	4.928	100.00	22.635	

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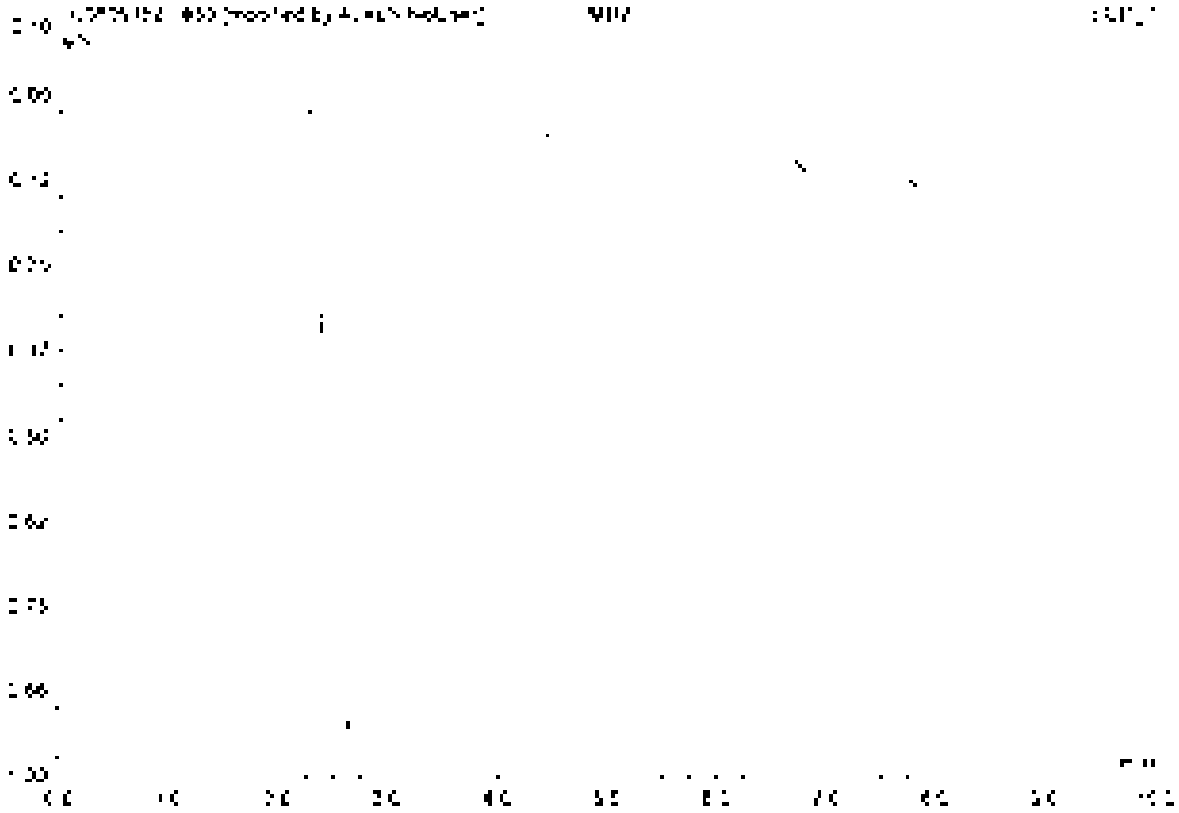
Version 6.80 SR1 Build 3202 (1062176)

53 MB2

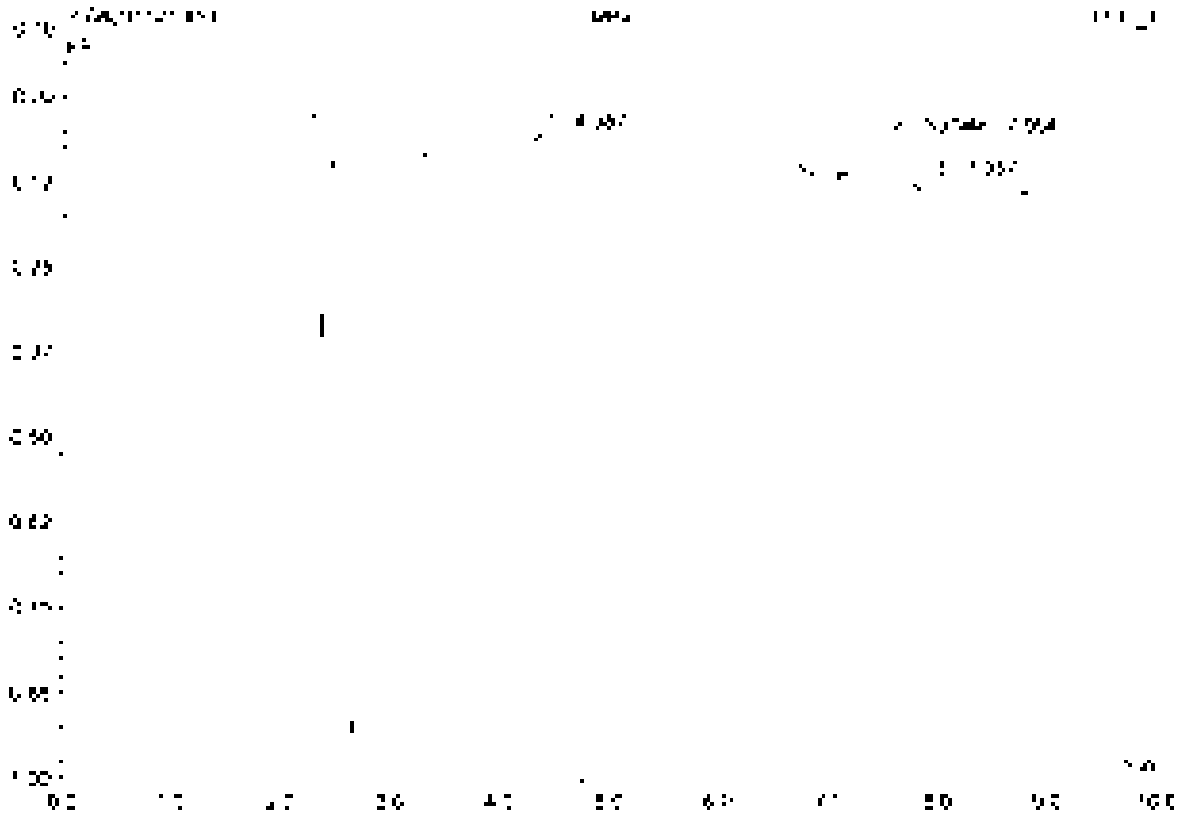
Sample Name	MB2	Injection Volume	25.0
Vial Number	1	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 20:43	Sample Weight	1.0000
Run Time (min)	15.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

53 MB2

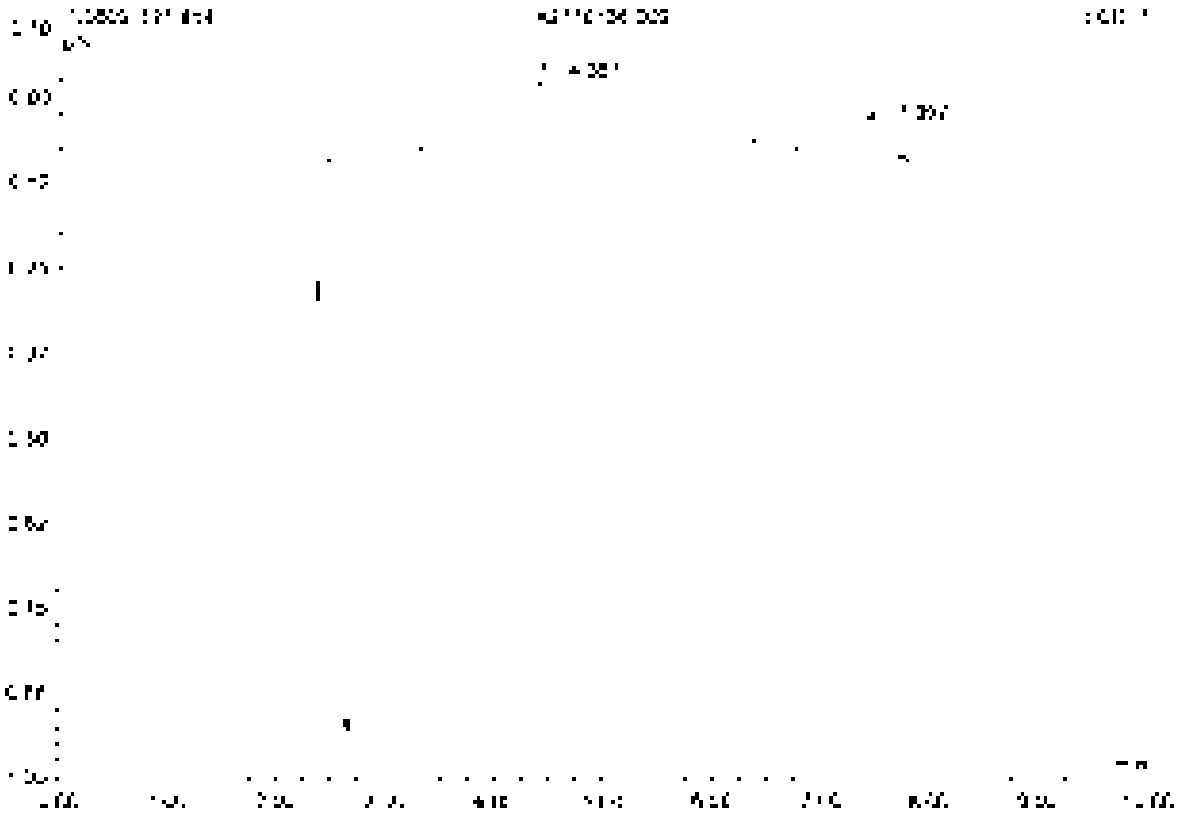
Sample Name	MB2	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 20:43	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.35	n.a.	0.500	1.210	98.57	n.a.	BMB
2	5.56	Sulfate	0.010	0.018	0.95	0.141	BVB
3	7.46	n.a.	0.015	0.008	0.44	n.a.	BVB
Total:			0.645	1.840	100.00	0.141	

54 K2110138-009

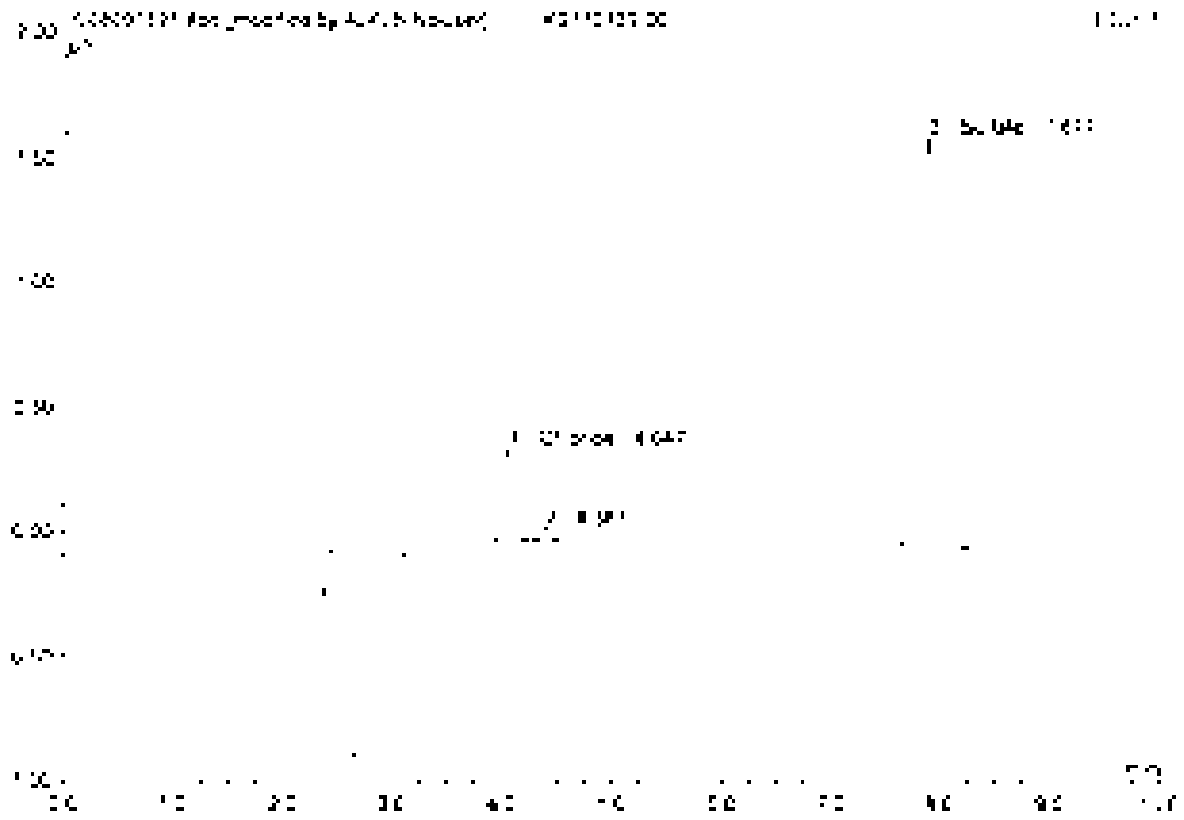
Sample Name	K2110138-009	Injection Volume	25.0
Vial Number	35	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	20.0000
Recording Date	9/15/2021 20:55	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.35	n.a.	0.515	1.495	98.94	n.a.	BMB
2	7.40	n.a.	0.006	0.016	1.06	n.a.	BMB
Total:			0.520	1.512	100.00	0.000	

55 K2110139-001

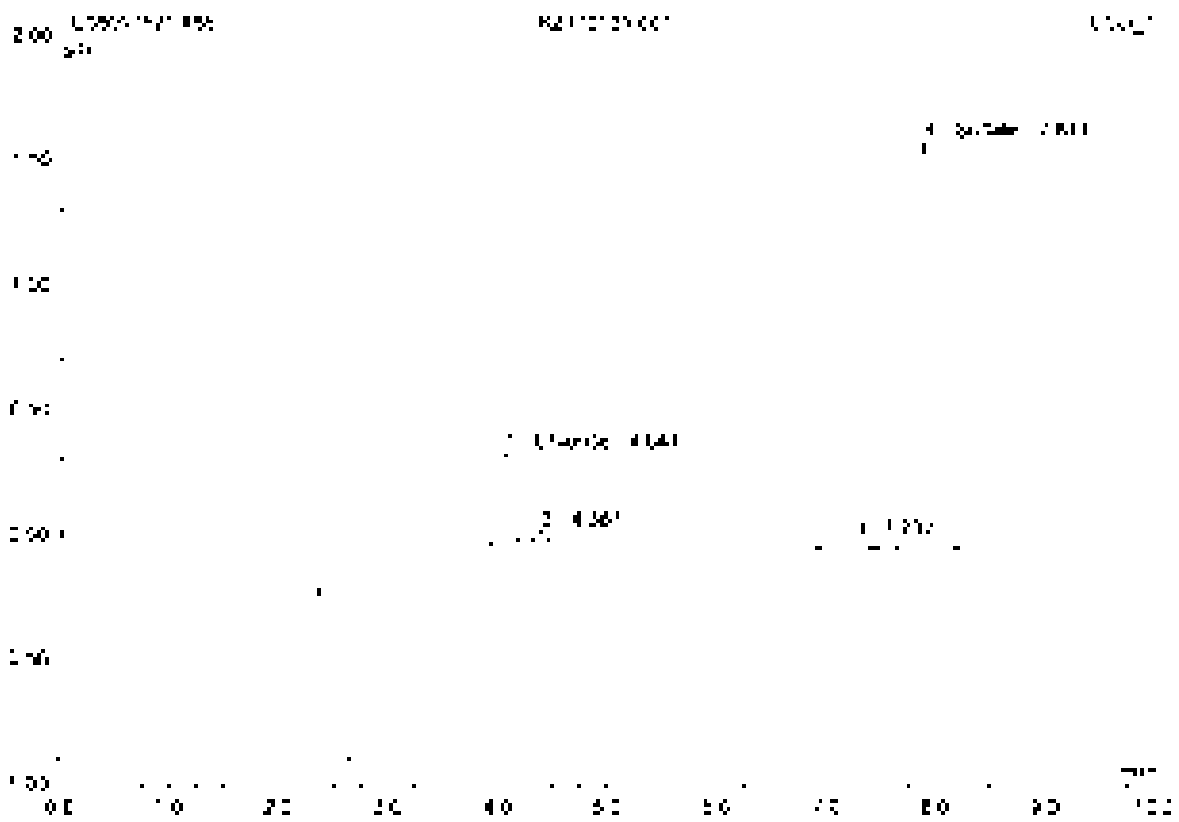
Sample Name	K2110139-001	Injection Volume	25.0
Vial Number	34	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	20.0000
Recording Time	9/15/2021 21:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.067	0.035	10.18	3.879	BMb*
2	4.39	F-A	0.048	0.005	1.47	n.a.	bMU
3	7.38	Sulfate	1.635	0.304	88.35	47.337	BMb*
Total			2.051	0.344	100.00	51.216	

55 K2110139-001

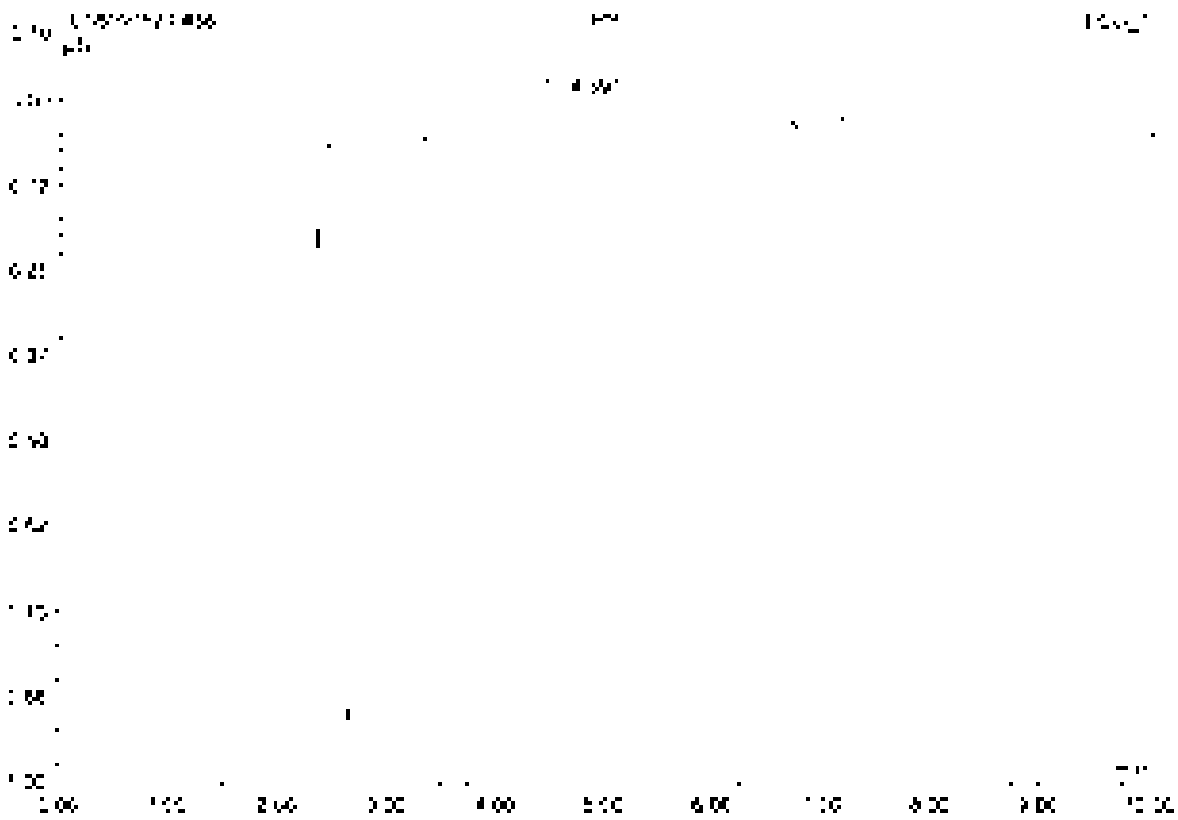
Sample Name	K2110139-001	Injection Volume	25.0
Vial Number	38	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	9/15/2021 21:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.367	0.035	5.86	3.339	BMB
2	4.33	n.a.	0.048	0.004	1.43	n.a.	BMB
3	7.24	n.a.	0.036	0.001	0.11	n.a.	BMB
4	7.82	Sulfate	1.635	0.304	86.60	47.977	BMB
Total:			2.085	0.355	100.00	51.316	

56 RB

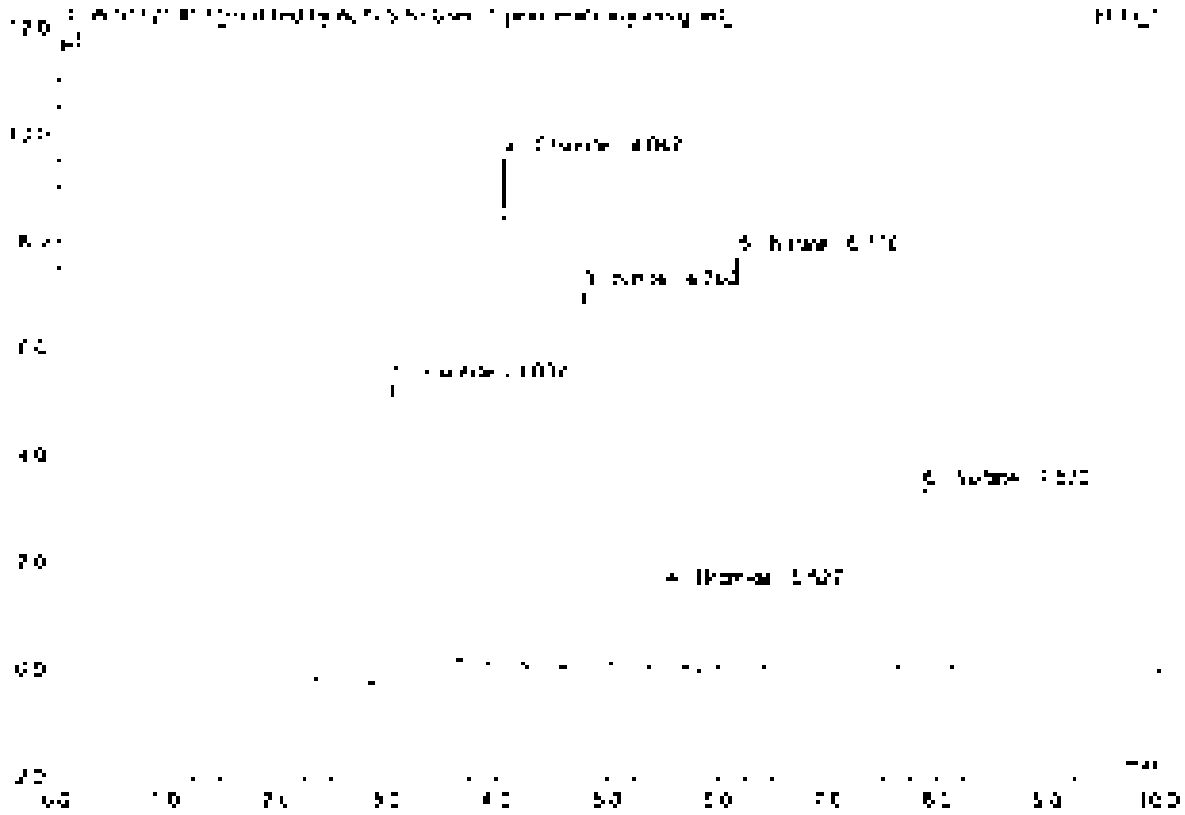
Sample Name	RB	Injection Volume	25.0
Vial Number	50	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Method Name	epa300	Dilution Factor	1.0000
Recording Time	9/16/2021 21:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.39	n.a.	3.713	3.593	100.00	n.a.	BMB
Total:			3.713	3.593	100.00	0.000	

57 CCV5

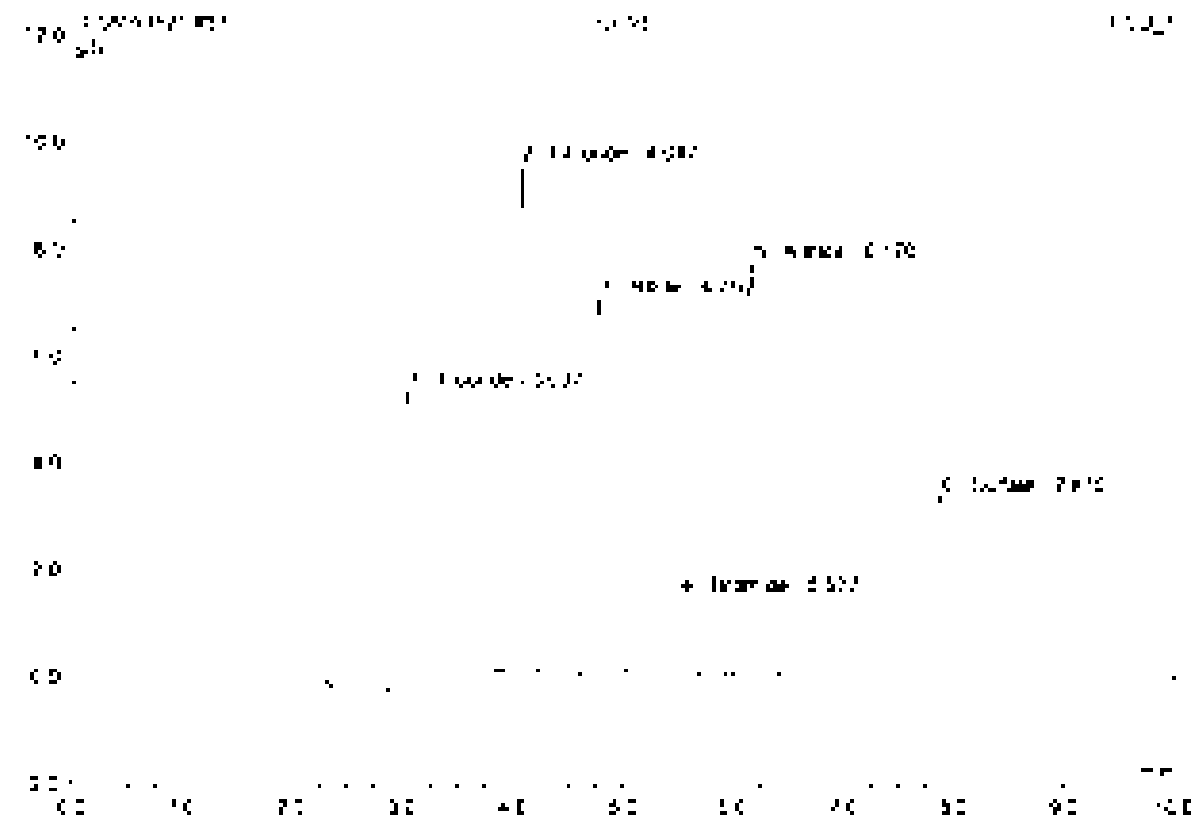
Sample Name	CCV5	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	8/19/2021 23:30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.04	Fluoride	5.520	1.188	24.46	5.282	BV*T
2	4.05	Chloride	9.497	0.868	17.90	4.755	BMB*
3	4.76	Nitrite	7.045	0.509	18.70	2.544	BMB
4	5.53	Bromide	1.478	0.181	3.70	2.457	BMB
5	6.17	Nitrate	7.735	1.068	22.03	2.417	BMB
6	7.87	Sulfate	3.392	0.636	13.12	6.254	BMB*
Total			34.667	4.850	100.00	22.404	

57 CCV5

Sample Name	CCV5	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Column Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	8/15/2021 21:30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.34	Fluoride	5.573	1.286	26.00	5.722	BMB
2	4.05	Chloride	9.457	0.868	17.54	4.755	BMB
3	4.76	Nitrite	7.645	0.909	18.38	2.544	BMB
4	5.50	Bromide	1.478	0.181	3.65	2.451	BMB
5	6.17	Nitrate	7.735	1.068	21.59	2.617	BMB
6	7.27	Sulfate	2.387	0.636	12.86	4.954	BMB
Total:			34.712	4.943	100.00	22.843	

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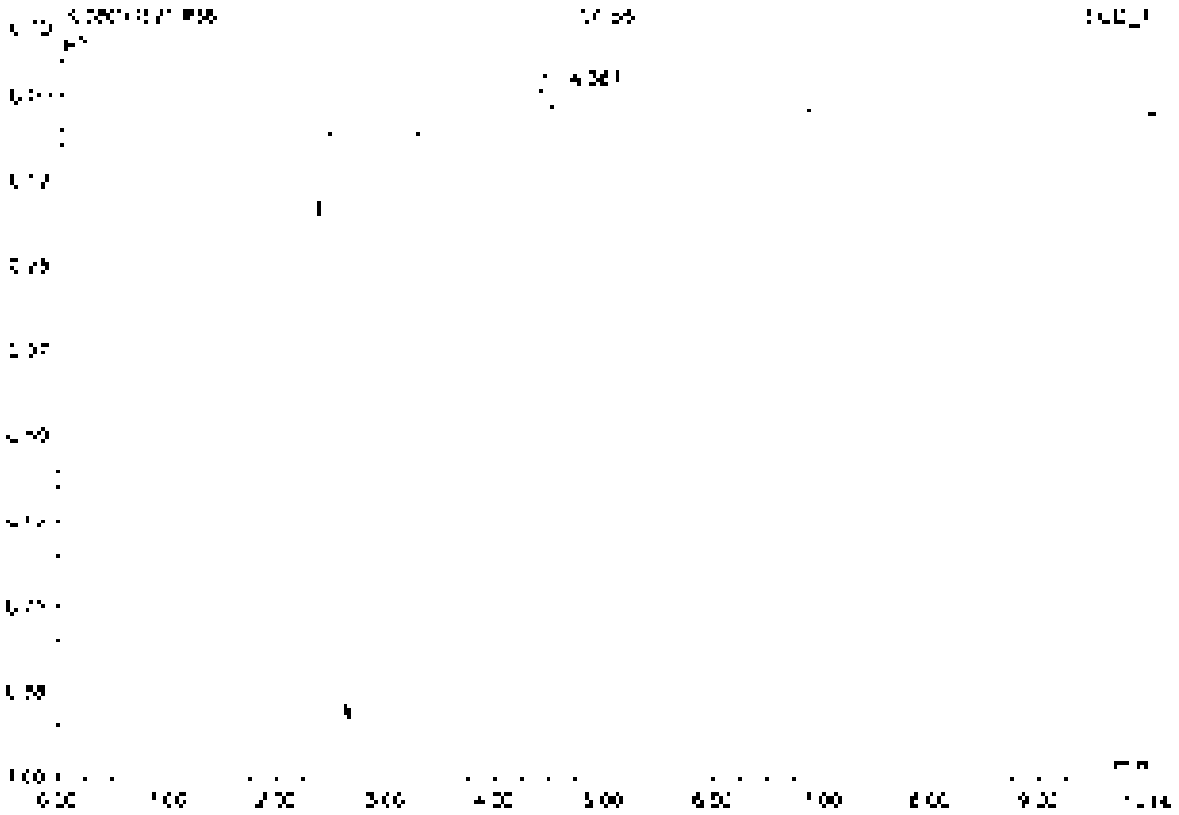
Chromeleon ;cl Dionex 1996-2006
Version: 6.80 SR1 Build 4.3332 (1362279)

5B CCB5

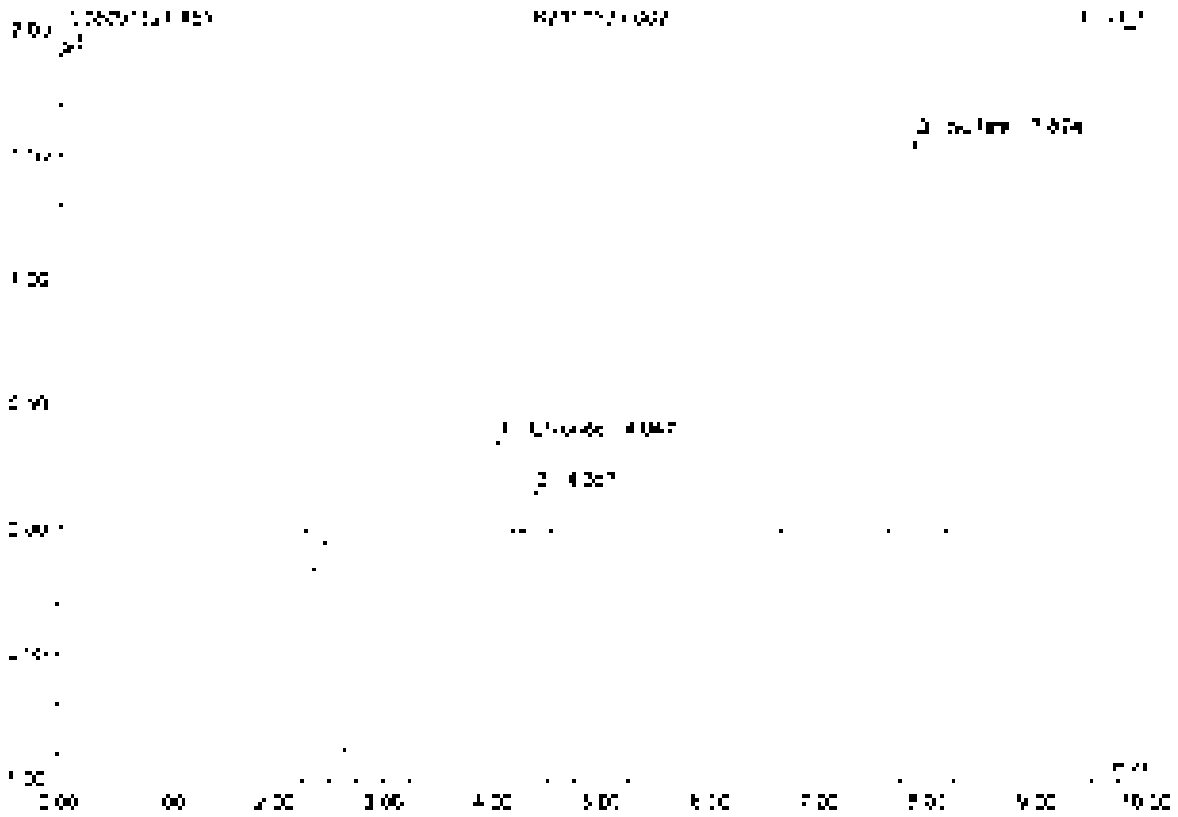
Sample Name	CCB5	Injection Volume	25.0
Vial Number	47	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/16/2021 21:42	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.39	[illegible]	0.713	3.149	100.00	[illegible]	BMB
Total:			0.713	3.149	100.00	0.000	

59 K2110139-002

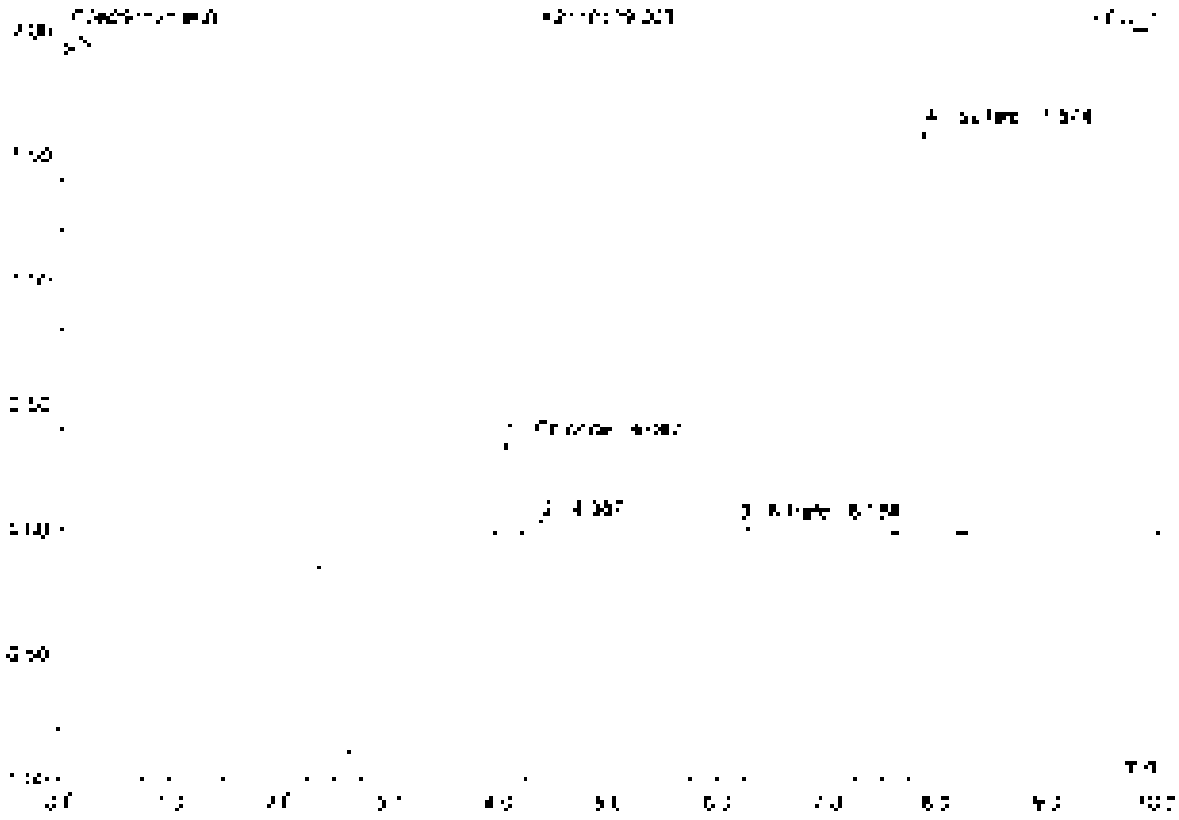
Sample Name	K2110139-002	Injection Volume	25.0
Vial Number	37	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Data Method	apa300	Dilution Factor	20.0000
Recording Time	9/15/2021 21:54	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.08	Chloride	0.375	0.035	10.18	3.552	BMB
2	4.35	n.a.	0.155	0.018	5.06	n.a.	dMB
3	7.37	Sulfate	1.505	0.295	84.76	46.153	BMB
Total:			2.127	0.348	100.00	50.365	

60 KZ110139-003

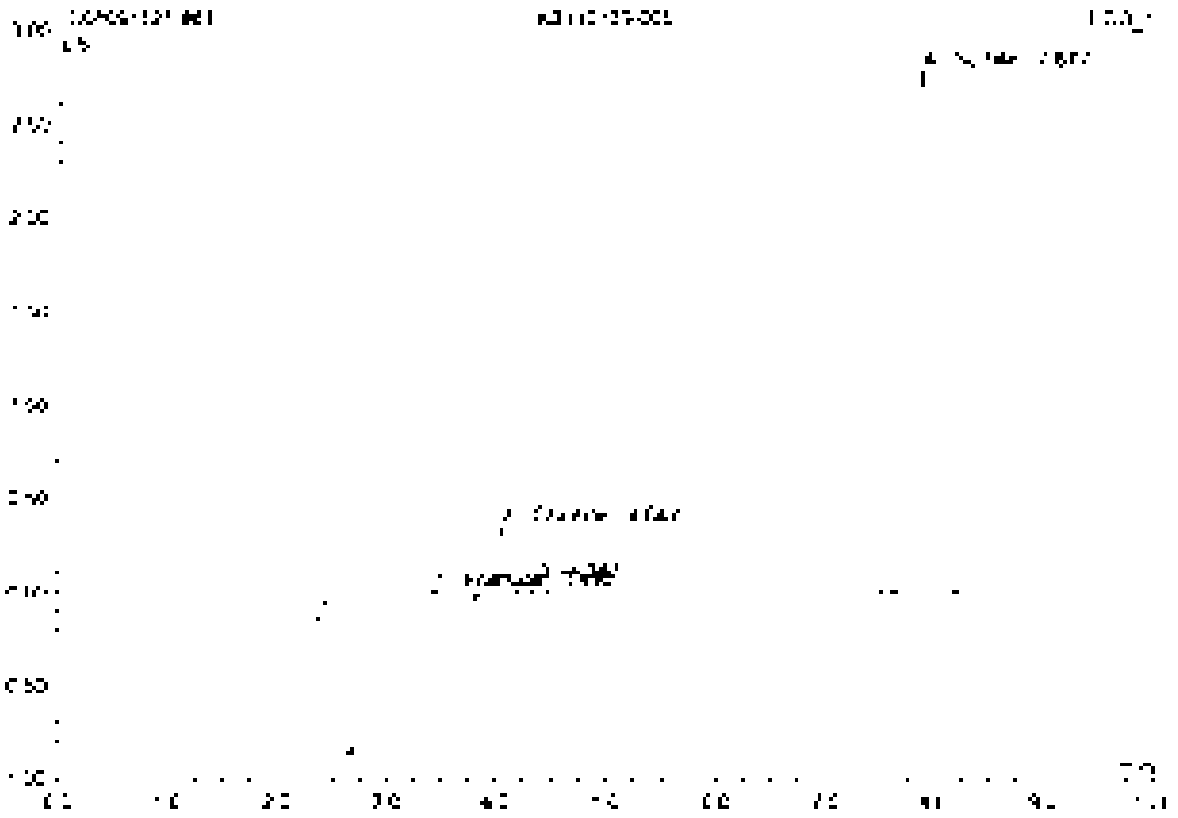
Sample Name	KZ110139-003	Injection Volume	25.0
Vial Number	38	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	20.0000
Recording Time	6/15/2021 22:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.371	0.035	10.08	2.850	BMb
2	4.39	n.a.	0.049	0.005	1.40	n.a.	BVB
3	6.15	Nitrate	0.032	0.005	1.46	0.262	BV B
4	7.87	Sulfate	1.624	0.302	87.04	47.236	BVB
Total:			2.082	0.346	100.00	51.314	

61 K2110139-005

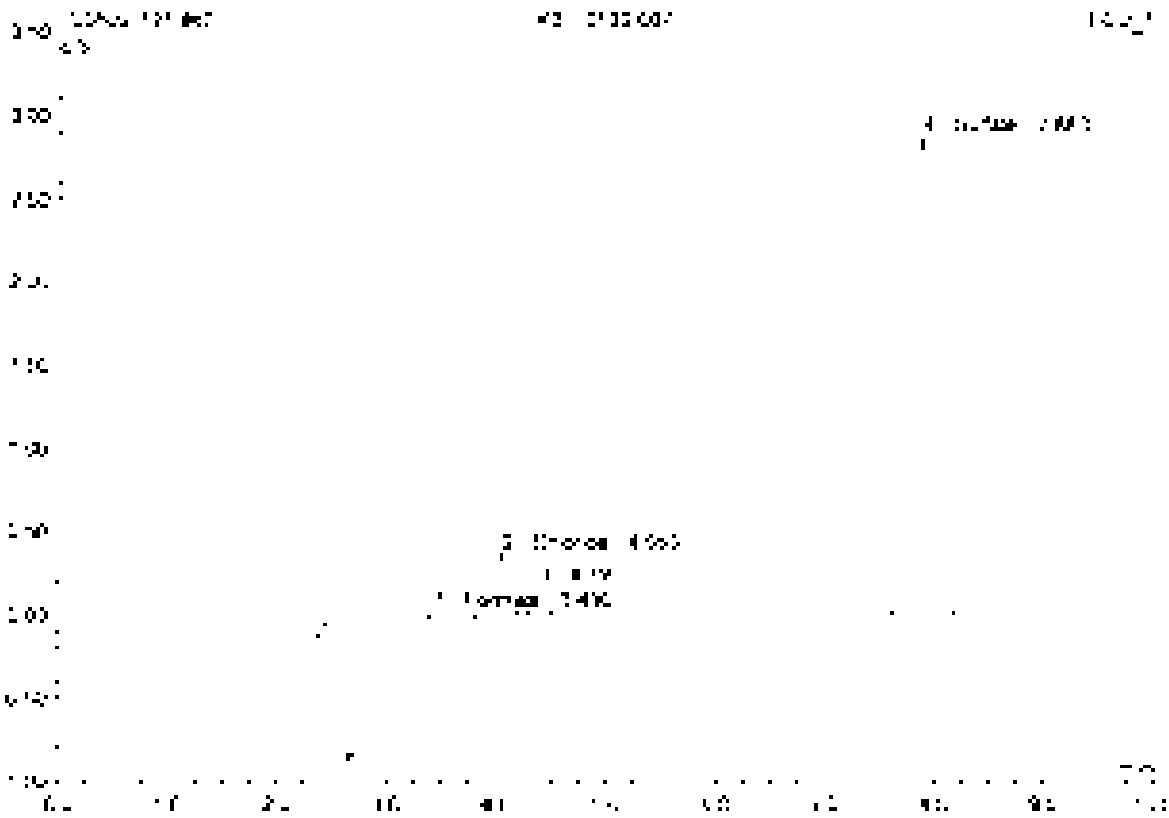
Sample Name	K2110139-005	Injection Volume	25.0
Vial Number	38	Channel	CCD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Control Factor	20.0000
Recovery Time	9/15/2021 22:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.40	Formate	0.177	0.355	38.66	n.a.	BMB
2	4.05	Chloride	0.364	0.016	1.75	0.799	BV B
3	4.35	n.a.	0.062	0.007	0.71	n.a.	BV B
4	7.88	Sulfate	2.801	0.522	56.88	31.254	BMB
Total:			3.504	0.918	100.00	32.054	

62 K2110139-007

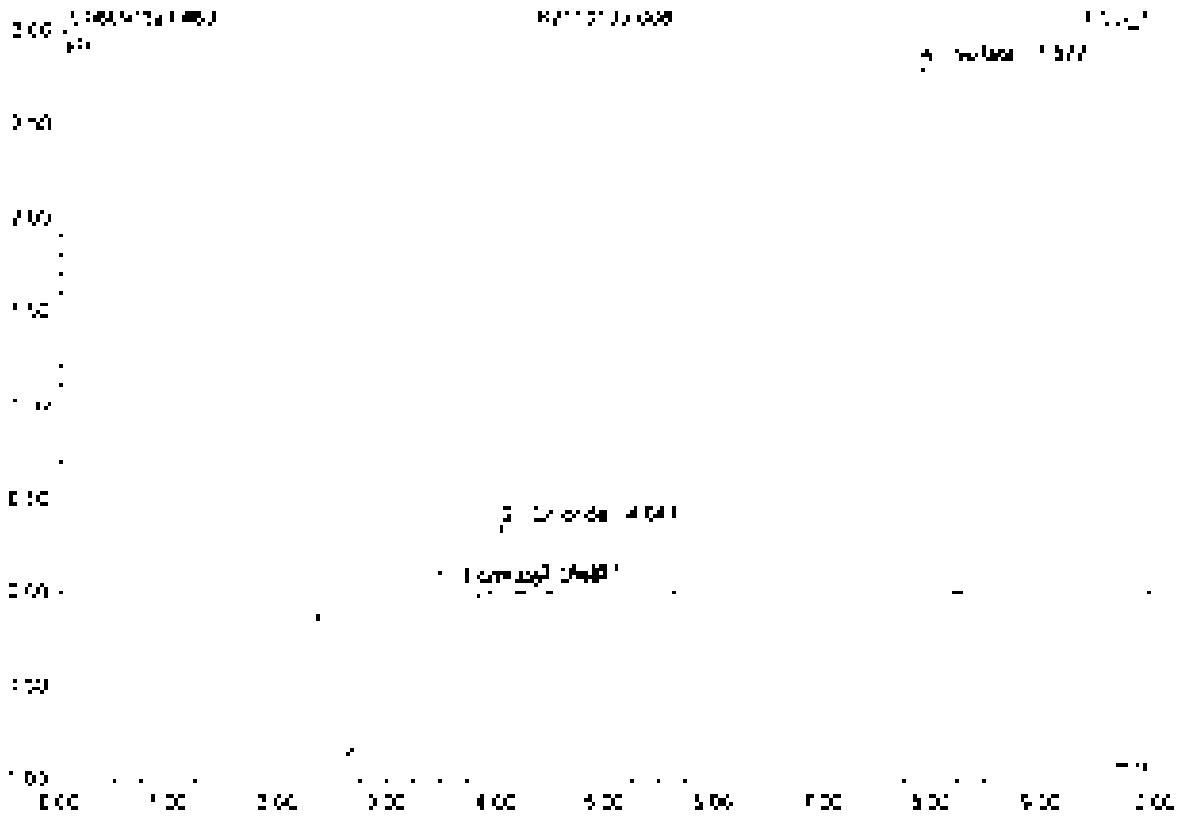
Sample Name	K2110139-007	Injection Volume	25.0
Vial Number	40	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	20.0000
Recording Time	9/15/2021 22:29	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.43	Formate	0.3[illegible]0	0.344	35.74	n.a.	BMB
2	4.35	Chloride	0.176	0.048	5.00	1.949	bMB
3	4.36	n.a.	0.176	0.019	2.00	n.a.	bMB
4	7.52	Sulfate	2.883	0.538	57.41	23.723	bMB
Total:			3.751	0.937	100.00	27.672	

63 K2110139-008

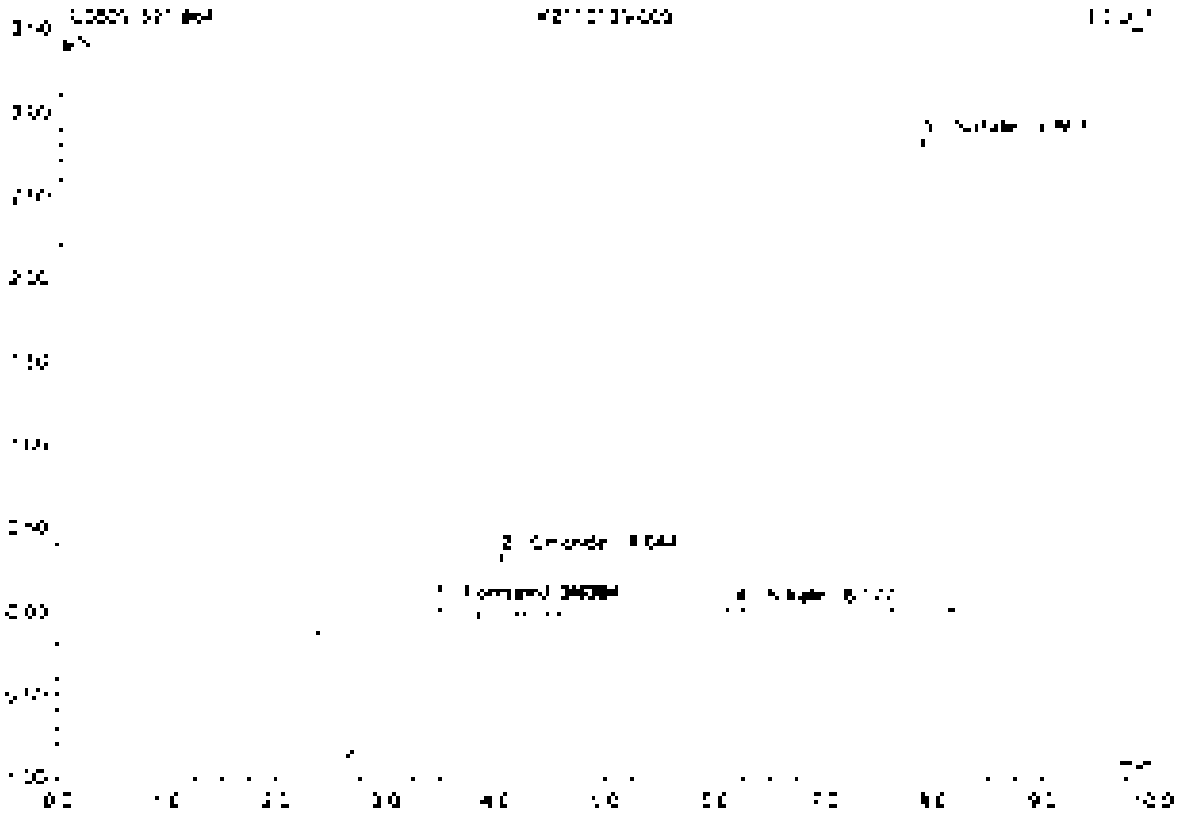
Sample Name	K2110139-008	Injection Volume	25.0
Vial Number	41	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Sampler Program	epa300	Bandwidth	n.a.
Sampler Method	epa300	Dilution Factor	20.0000
Recording Time	9/16/2021 22:41	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	3.43	Fluoride	0.340	0.359	36.50	n.a.	BVB
2	4.05	Chloride	0.365	0.035	3.71	0.736	BVB
3	4.39	n.a.	0.050	0.006	0.63	n.a.	BVB
4	7.85	Sulfate	2.815	0.524	53.16	81.633	BVB
Total:			3.575	0.934	100.00	85.400	

64 K2110138-009

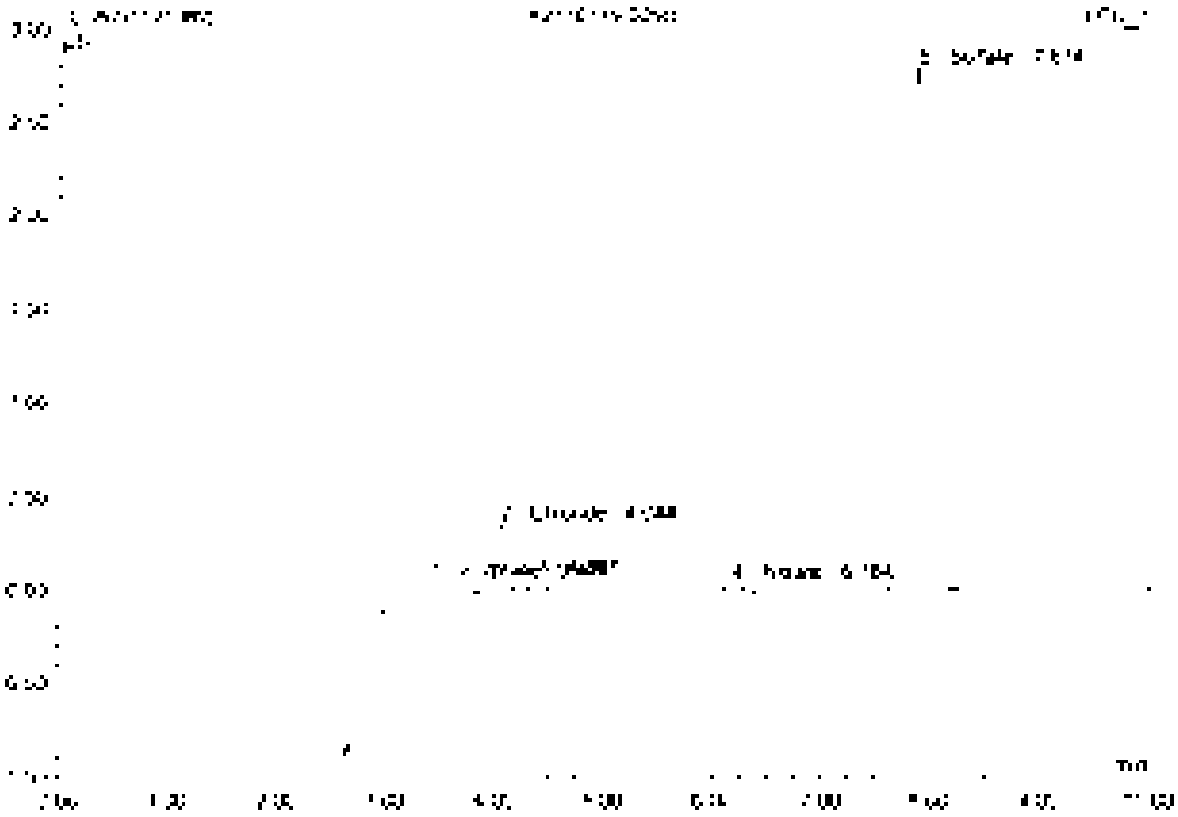
Sample Name	K2110138-009	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Control Enzyme	20.0000
Recording Time	9/15/2021 22:53	Sample Weight	1.0000
Run Time (min)	60.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.42	Formate	[illegible]	[illegible]	39.46	n.a.	BMB
2	4.04	Chloride	[illegible]	[illegible]	3.55	[illegible]	BMB
3	4.38	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
4	6.78	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]	BMB
5	7.27	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

65 K2110139-009D

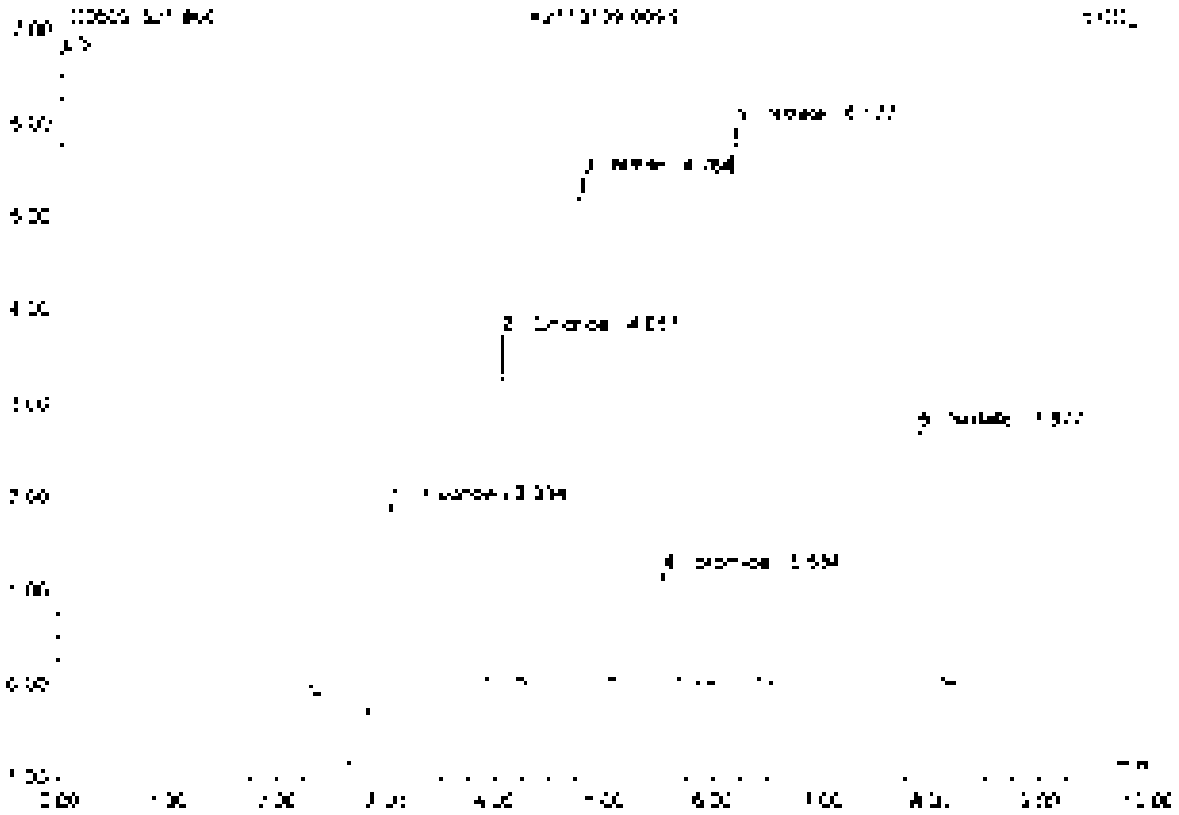
Sample Name	K2110139-009D	Injection Volume	25.0
Vial Number	43	Channel	EGD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	20.0000
Recording Time	[illegible]/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Formate	[illegible]	[illegible]	[illegible]	n.a.	BMB
2	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
3	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	n.a.	unkB
4	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
5	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

66 KZ110139-0095

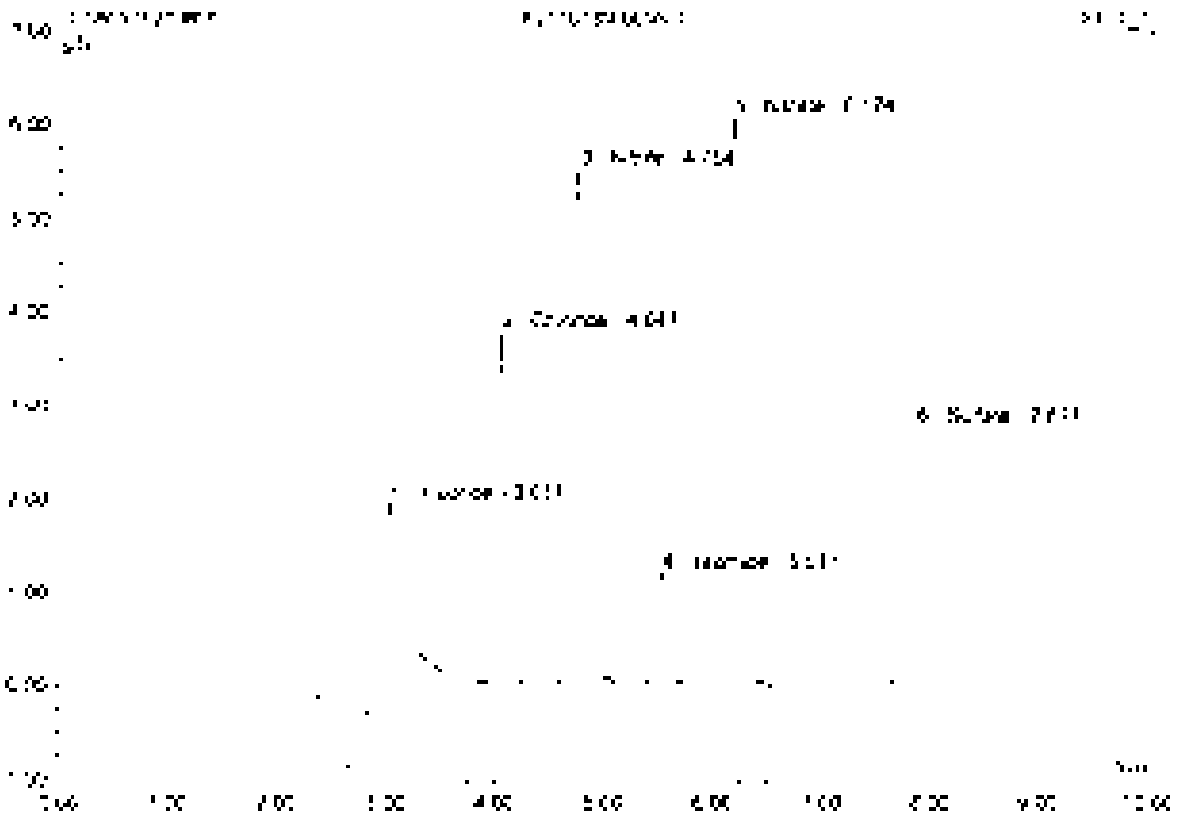
Sample Name	KZ110139-0095	Injection Volume	25.0
Vial Number	44	Column	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Calibrat. Factor	46.0000
Recording Time	9/15/2021 23:16	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	2.172	0.567	18.61	100.500	BMB
2	4.05	Chloride	3.655	0.342	11.13	75.124	BMB
3	4.70	Nitrite	5.382	0.694	22.53	77.737	BMB
4	5.53	Bromide	1.167	0.142	4.62	17.221	BMB
5	6.18	Nitrate	5.960	0.828	26.95	74.534	BMB
6	7.58	Sulfate	2.777	0.507	16.45	157.500	BMB
Total:			21.096	3.082	100.00	563.636	

67 K2110139-008SD

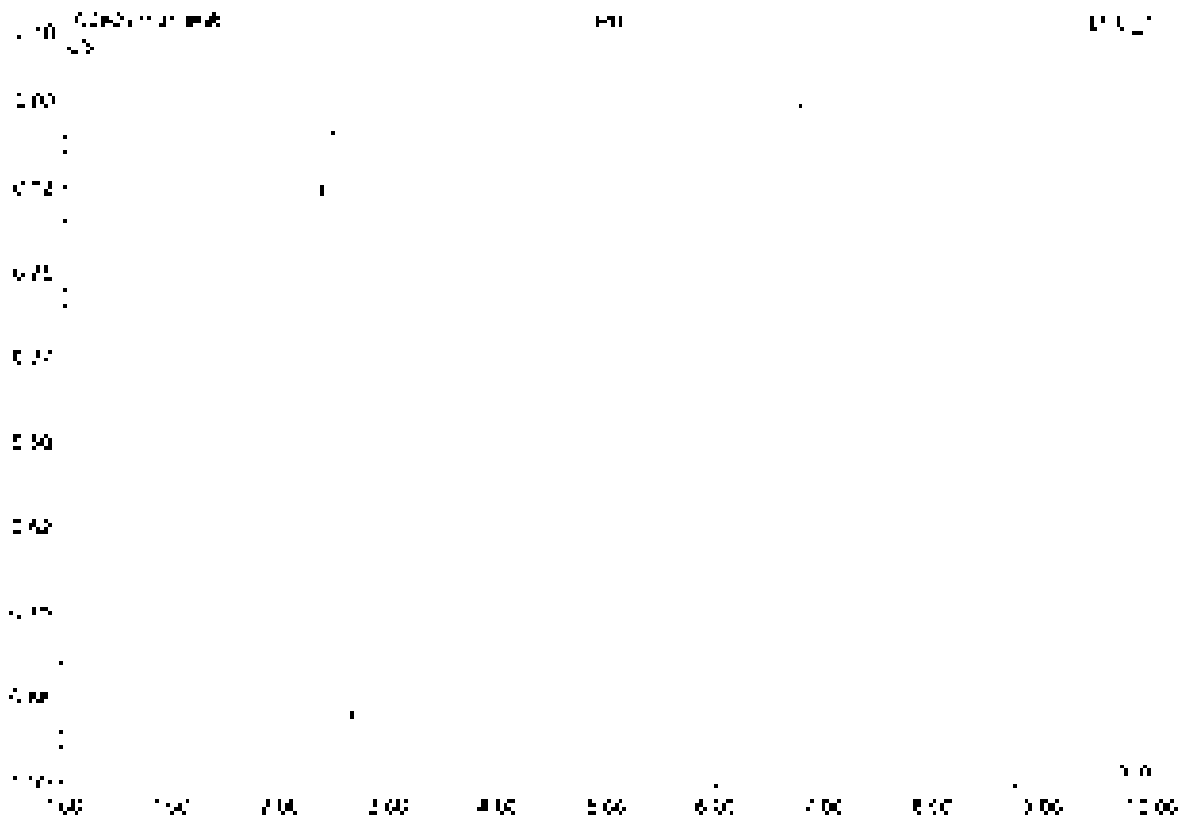
Sample Name	K2110139-008SD	Injection Volume	25.0
Vial Number	45	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	40.0000
Recording Time	9/15/2021 23:27	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.93	Fluoride	2.196	0.532	18.79	101.798	BV5
2	4.05	Chloride	3.750	0.343	11.14	76.339	BMB
3	4.75	Nitrite	5.453	0.706	22.58	79.657	BMB
4	5.52	Bromide	1.178	0.145	4.60	78.351	BMB
5	5.17	Nitrate	6.071	0.840	26.91	76.196	BMB
6	7.87	Sulfate	2.753	0.515	16.46	180.375	BMB
Total:			21.455	3.128	100.00	572.156	

58 RB

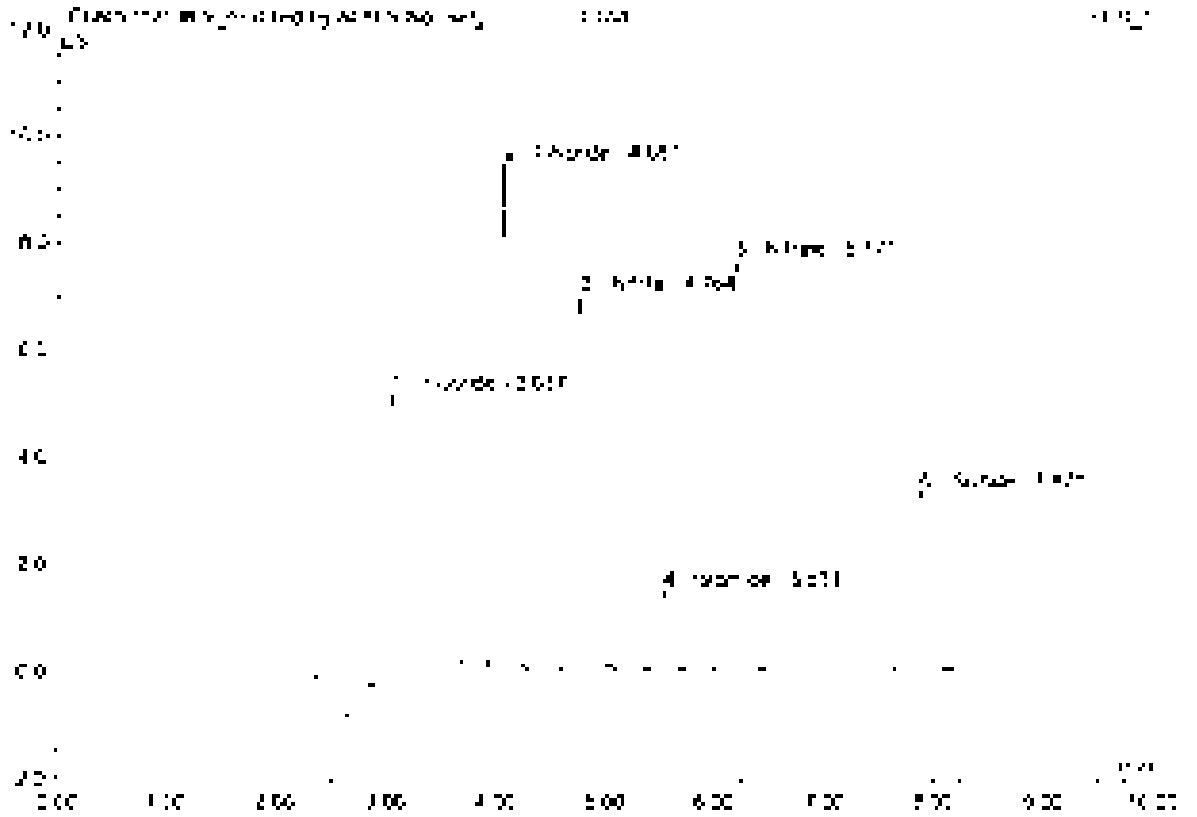
Sample Name	RB	Injection Volume	25.0
Vial Number	58	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Processing Time	[illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

69 CCV6

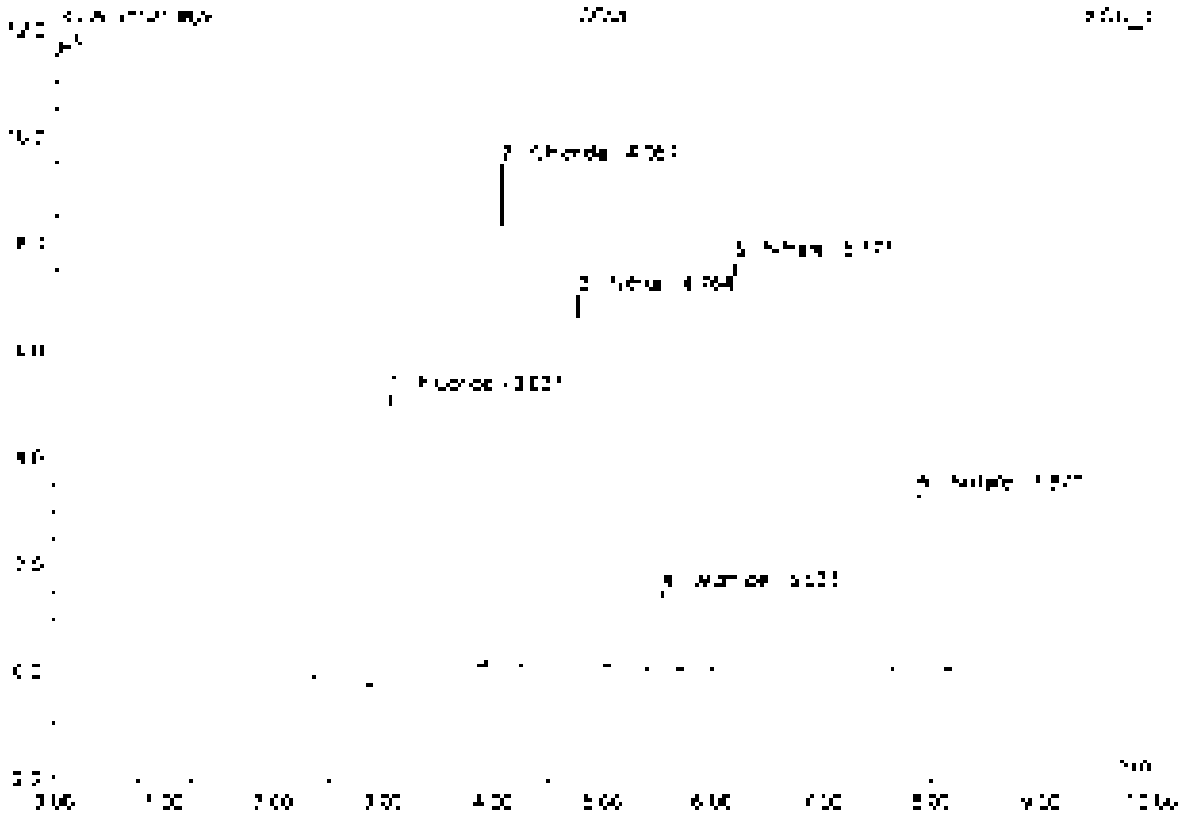
Sample Name	CCV6	Injection Volume	25.0
Vial Number	45	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	9/16/2021 23:01	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.34	Fluoride	5.348	1.160	24.27	5.161	BV B*
2	4.35	Chloride	9.329	0.858	17.95	4.701	BV B*
3	4.76	Nitrite	6.978	0.900	18.82	2.518	BV B
4	5.53	Bromide	1.464	0.179	3.75	2.401	BV B
5	5.17	Nitrate	7.053	1.056	22.10	2.391	BV B
6	7.37	Sulfate	3.334	0.625	13.10	4.877	BV B
Total:			34.467	4.781	100.00	22.081	

69 CCV6

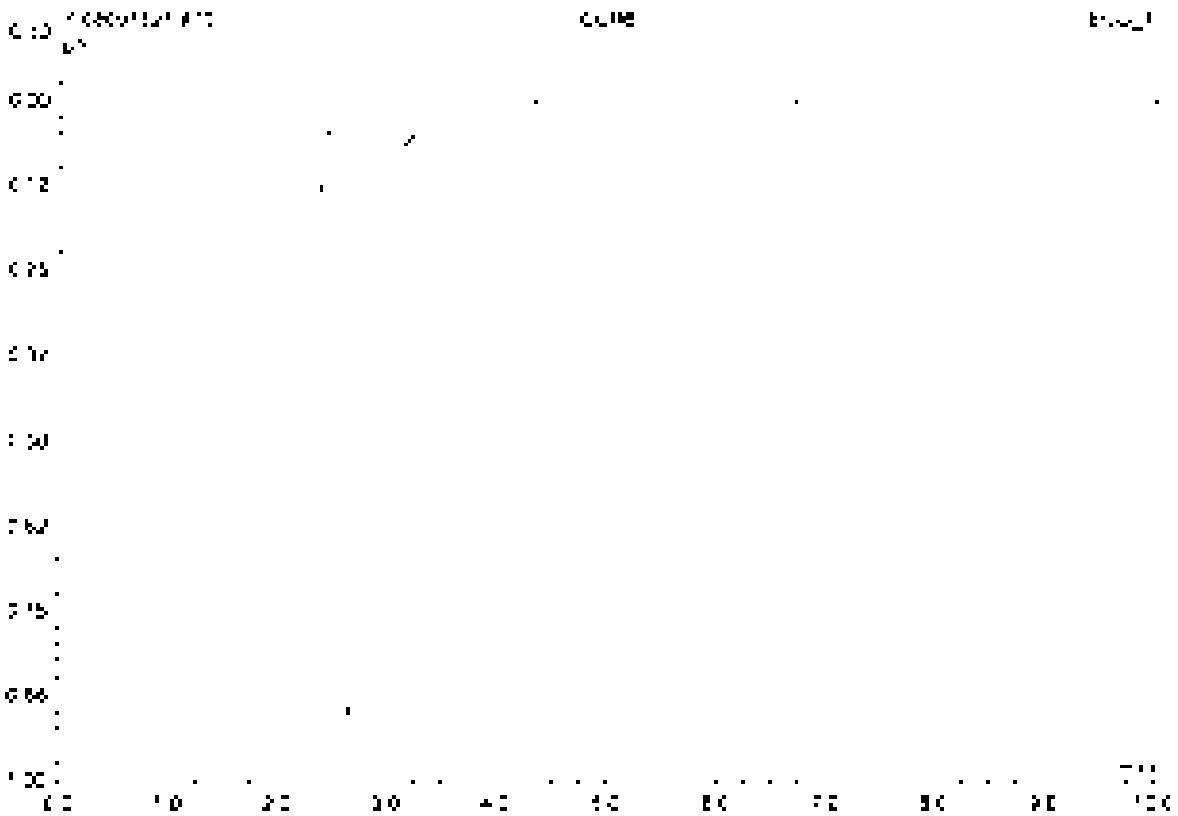
Sample Name	CCV6	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/13/2021 23:51	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.04	Fluoride	5.386	1.249	25.55	5.556	BVb
2	4.05	Chloride	9.389	0.858	17.53	4.701	bVd
3	4.76	Nitrite	6.979	0.900	18.43	2.519	dMb
4	5.53	Bromide	1.464	0.179	3.66	2.491	bMb
5	5.97	Nitrate	7.653	1.056	21.69	2.391	dMb
6	7.87	Sulfate	3.234	0.620	12.67	4.877	dMb
Total			34.205	4.869	100.00	22.475	

70 CCB6

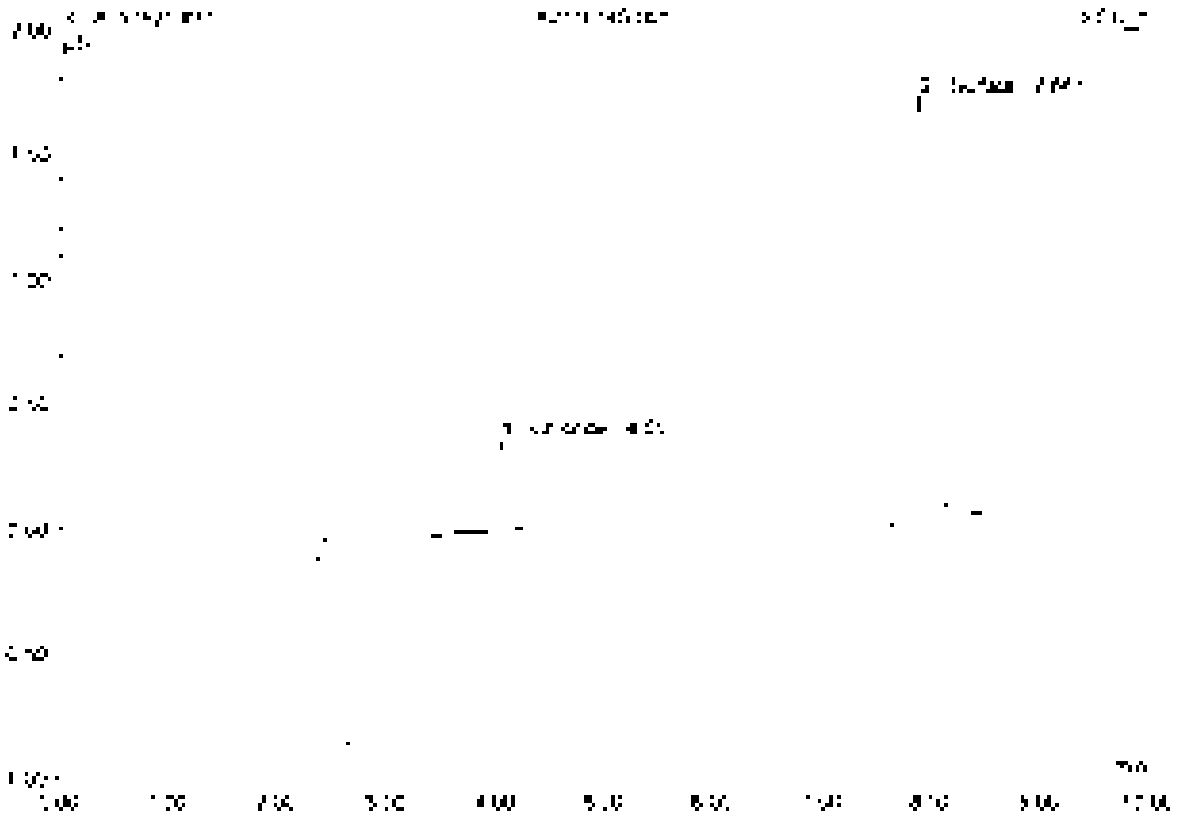
Sample Name	CCB6	Injection Volume	20.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantif. Method	wpa300	Dilution Factor	1.0000
Recording Time	9/16/2021 6:03	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

71 K2110140-001

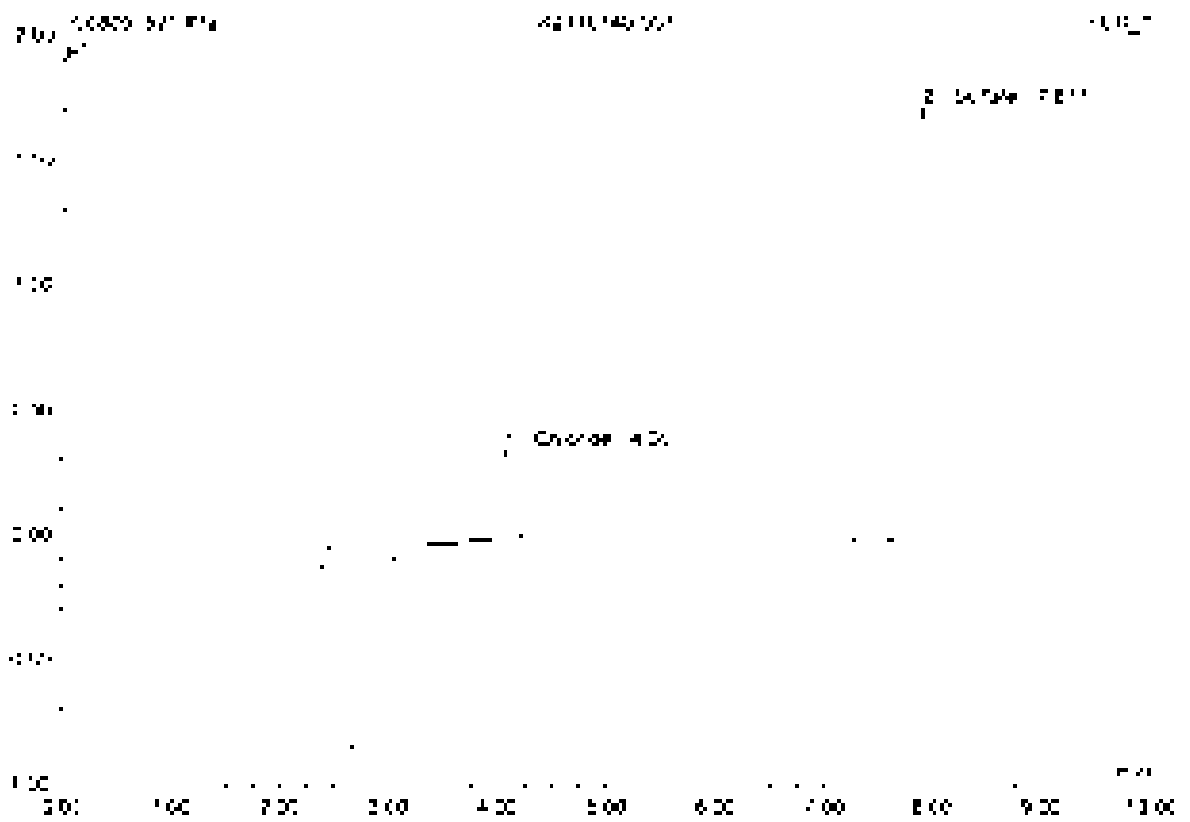
Sample Name	K2110140-001	Injection Volume	25.0
Vial Number	3	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant Method	wpa300	Dilution Factor	20.0000
Recording Time	8/16/2021 0:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.304	0.038	10.34	4.147	BMB
2	7.85	Sulfate	1.668	0.328	89.66	51.132	BMB
Total:			2.(65)	0.366	100.00	55.278	

72 K2110140-003

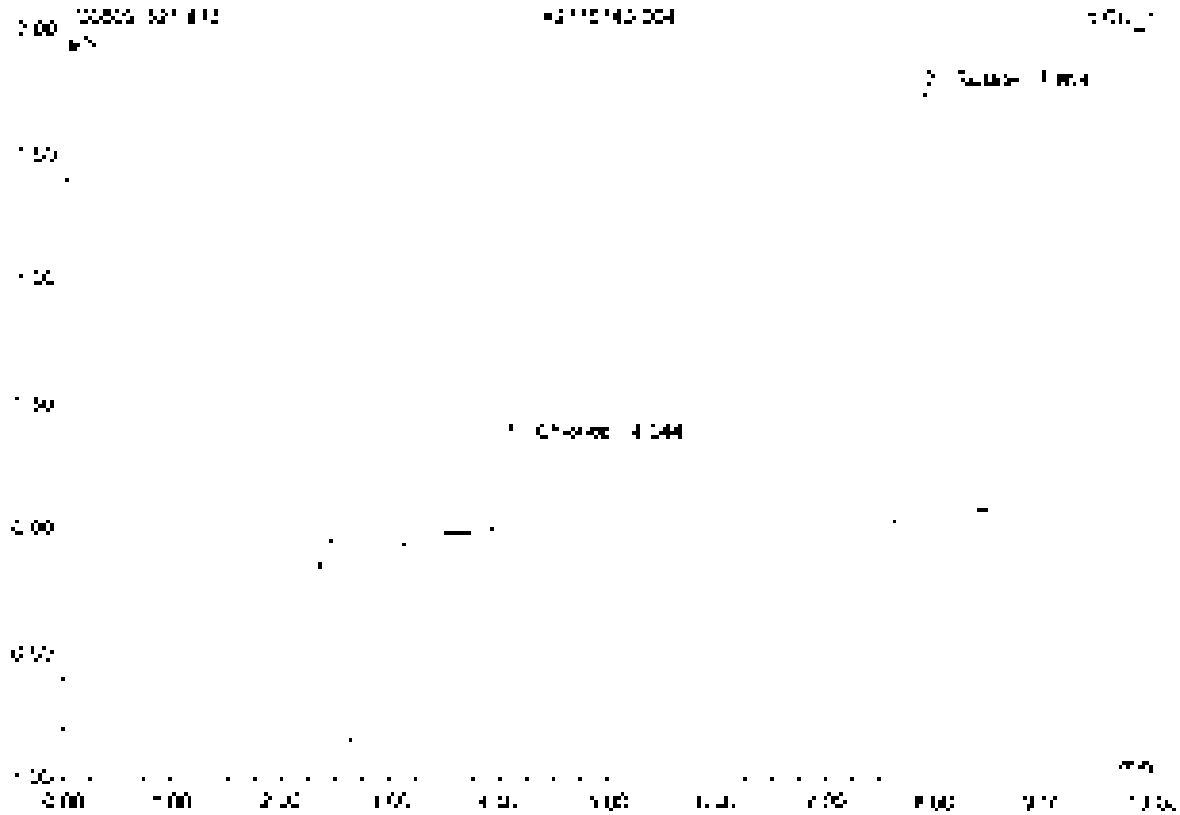
Sample Name	K2110140-003	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	20.0000
Recording Time	9/16/2021 0:27	Sample Weight	1.0000
Run Time (max.)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.35	Chlorate	0.257	0.038	10.23	4.173	BMB
2	7.58	Sulfate	1.714	0.334	89.77	57.040	BMB
Total:			2.071	0.372	100.00	56.213	

73 K2110140-004

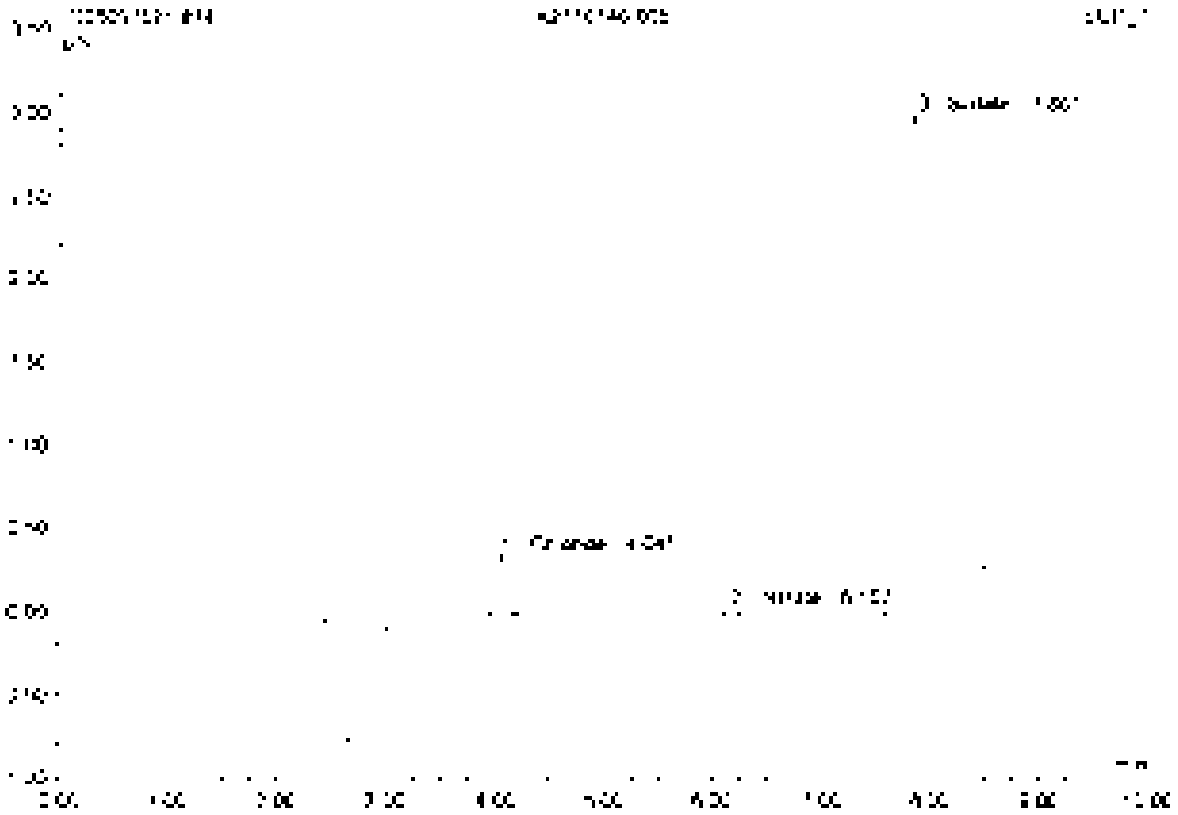
Sample Name	K2110140-004	Injection Volume	25.0
Vial Number	3	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Column Temp	20.0000
Recording Time	9/15/2021 6:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	0.052	0.027	9.94	4.661	BMB
2	7.66	Sulfate	1.718	0.305	90.06	52.109	BMB
Total:			2.070	0.337	100.00	56.770	

74 K2110140-005

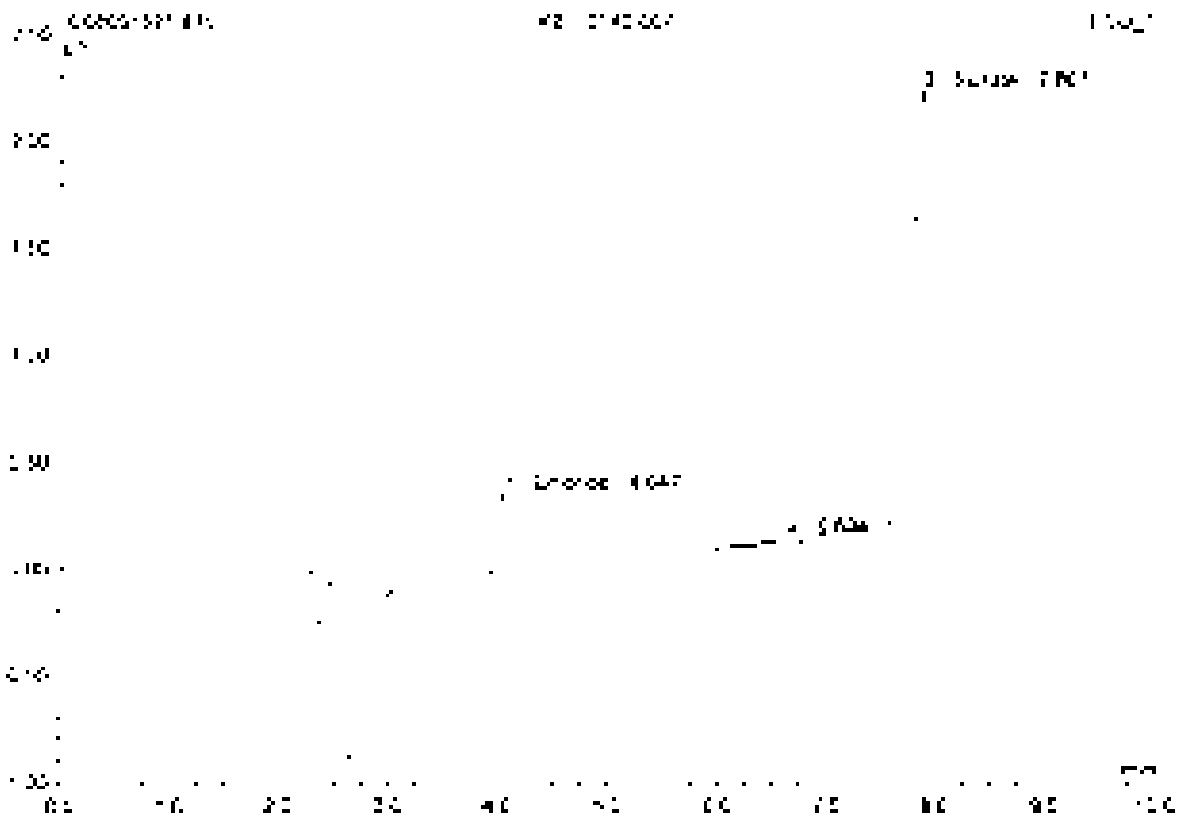
Sample Name	K2110140-005	Injection Volume	25.0
Vial Number	4	Column	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Flow rate	n.a.
Quantif. Method	epa300	Dilution Factor	20.0000
Recording Time	9/16/2021 6:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.94	Chloride	0.362	0.034	6.20	0.745	BMB
2	6.17	Nitrate	0.045	0.006	0.99	0.294	BMB
3	7.86	Sulfate	2.916	0.616	92.81	35.920	BMB
Total:			3.323	0.657	100.00	36.959	

75 K2110140-007

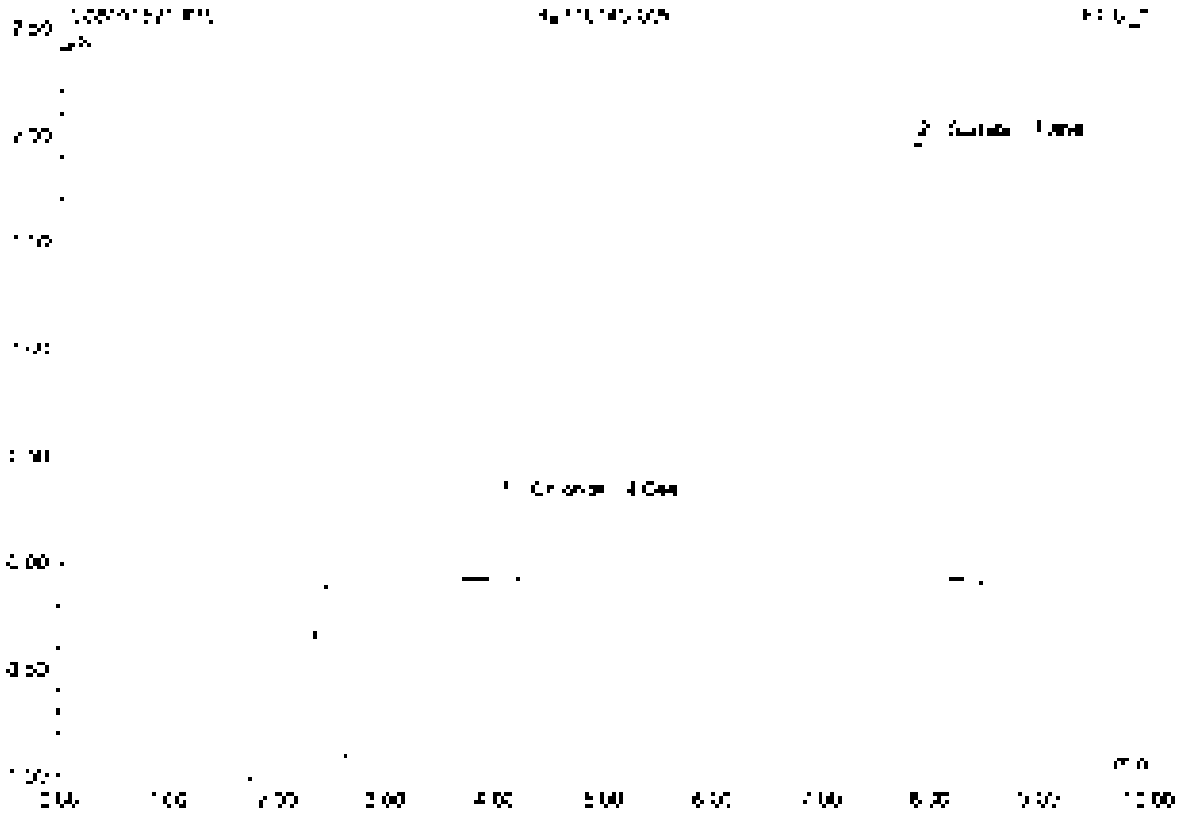
Sample Name	K2110140-007	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Output Method	apa300	Dilution Factor	20.0000
Recording Time	9/16/2021 1:02	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.35	Chloride	0.368	0.036	8.12	3.507	BMB
2	6.63	n.a.	0.078	0.006	1.44	n.a.	BMB
3	7.87	Sulfate	2.005	0.391	90.36	61.262	BMB
Total:			2.455	0.433	100.00	64.769	

T6 K2110140-009

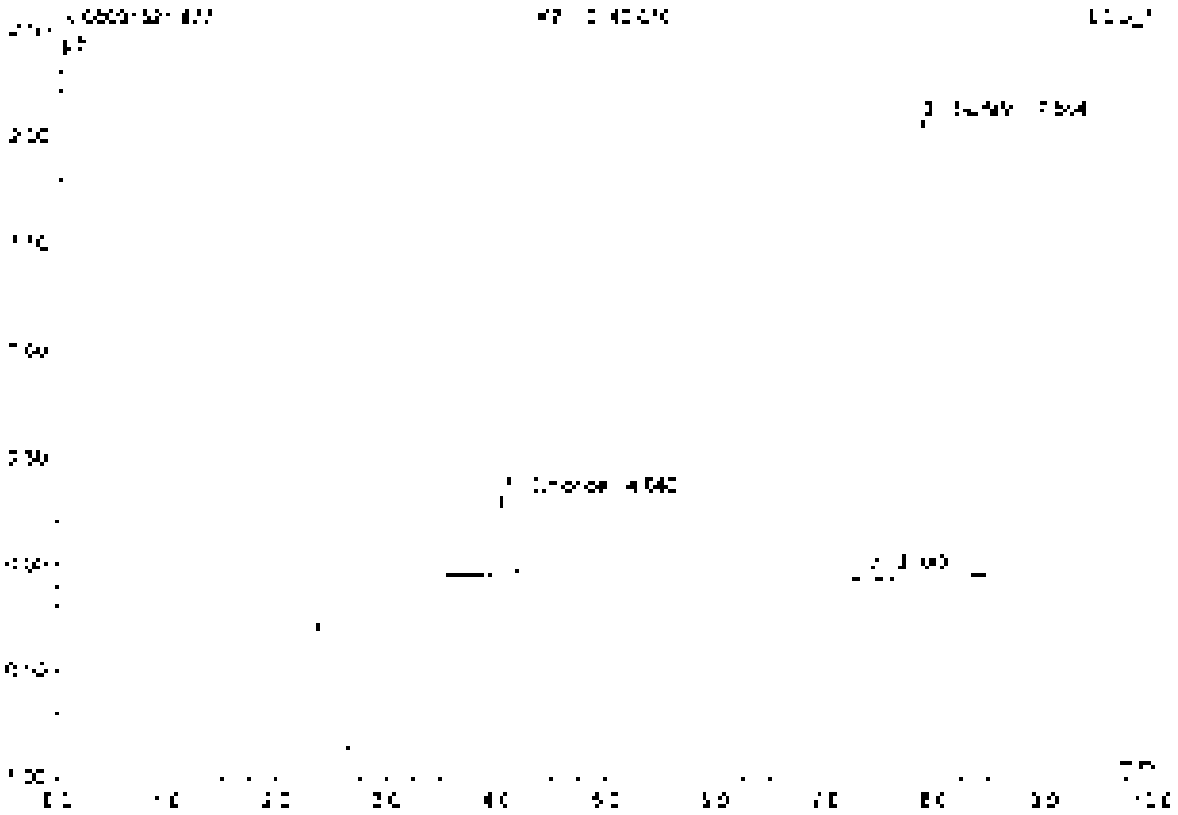
Sample Name	K2110140-009	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Remark	n.a.
Quant. Method	spa300	Dilution Factor	20.0000
Recording Time	9/16/2021 1:14	Sample Weight	1.0000
Run Time (max.)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Relative %	Amount	Type
1	4.04	Chlorate	0.368	0.032	0.02	4.136	BMB
2	7.96	Sulfate	2.048	0.381	50.98	59.274	BMB
Total:			2.416	0.418	100.00	63.410	

77 K2110140-010

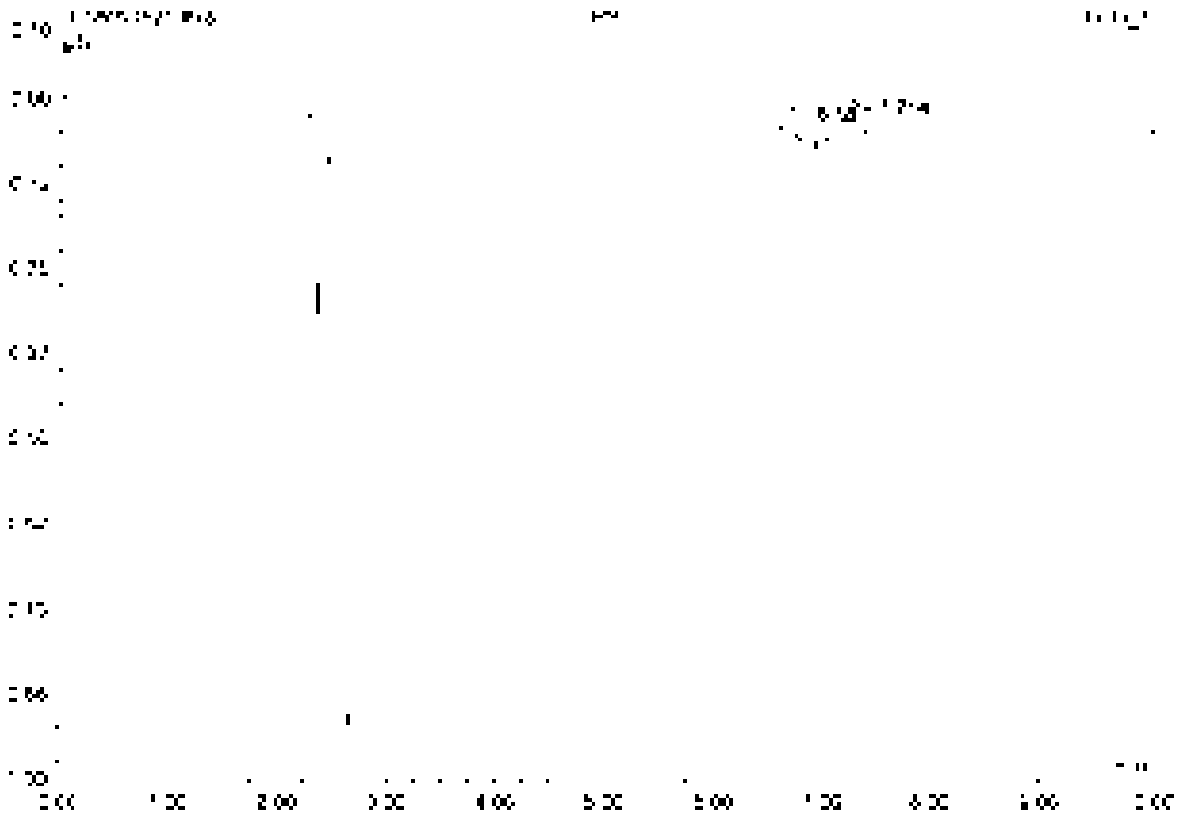
Sample Name	K2110140-010	Injection Volume	25.0
Vial Number	9	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantif. Method	wpa300	Dilution Factor	20.0000
Recording Time	9/14/2021 1:24	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	0.365	0.037	8.09	6.016	BMB
2	7.36	n.a.	0.028	0.007	1.44	n.a.	BMB
3	7.56	Sulfate	2.144	0.410	90.47	63.833	BMB
Total:			2.536	0.453	100.00	67.849	

78 RB

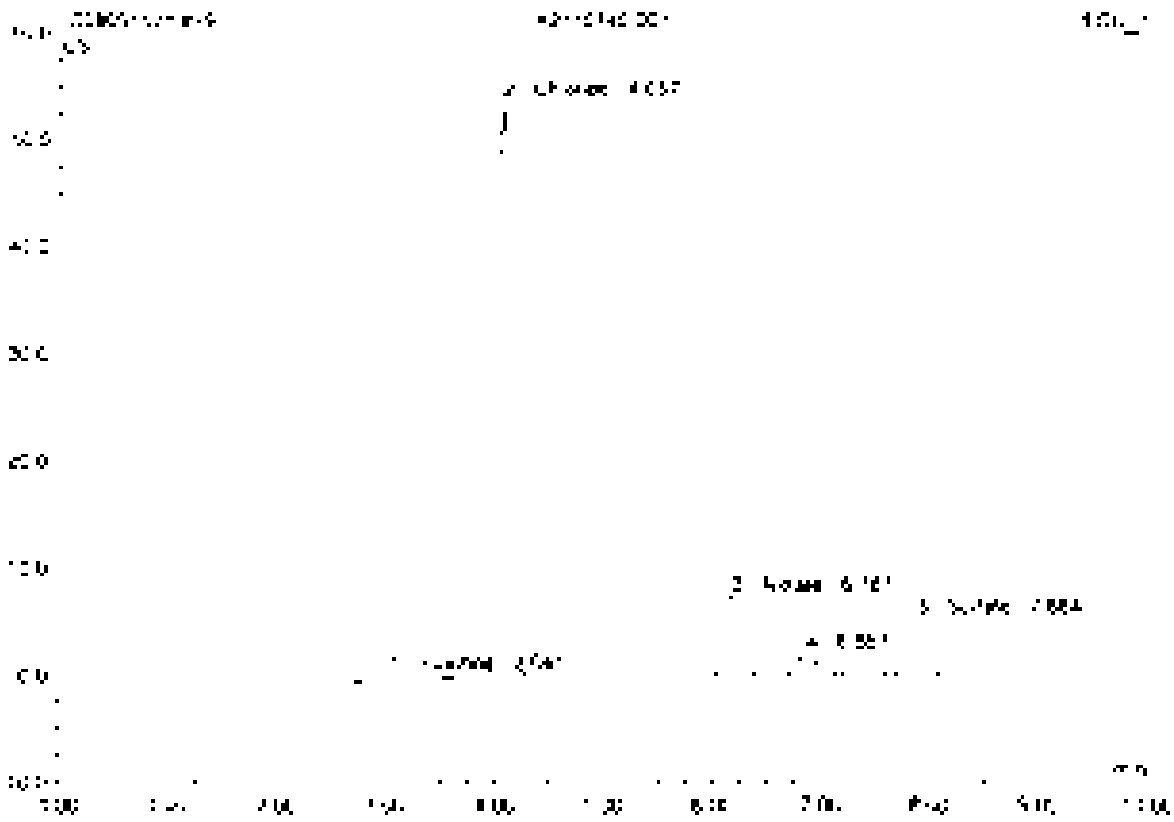
Sample Name	RB	Injection Volume	25.0
Vial Number	55	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/18/2021 1:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	6.56	n.a.	0.060	1.751	99.69	n.a.	BMB
2	7.21	n.a.	0.026	0.006	0.31	n.a.	BMB
Total:			0.100	1.757	100.00	0.000	

79 K2110740-001

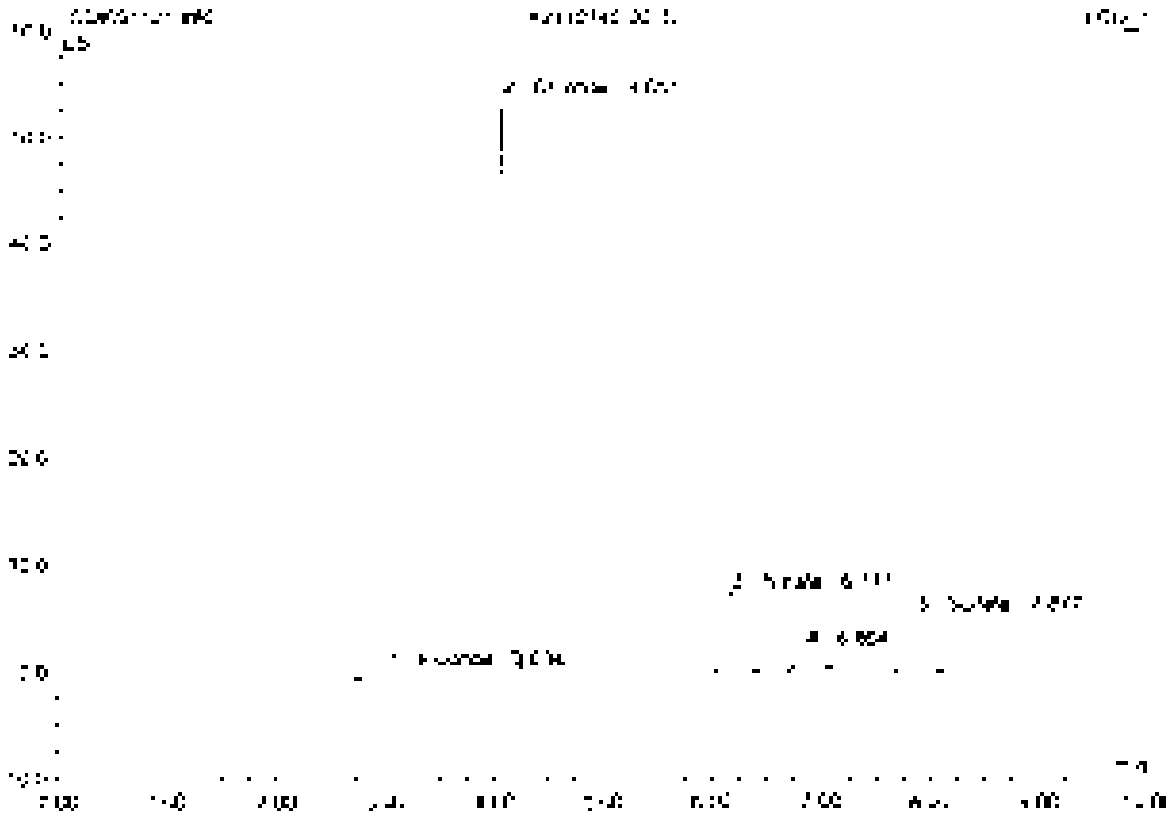
Sample Name	K2110740-001	Injection Volume	25.0
Vial Number	19	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	9/16/2021 1:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	0.634	0.368	0.57	3.258	BMB
2	4.06	Chloride	53.621	4.746	63.66	51.588	bVU
3	5.15	Nitrate	7.406	1.059	14.05	4.793	BMB
4	5.97	n.a.	2.000	0.384	5.10	n.a.	BMB
5	7.58	Sulfate	5.394	0.967	12.86	15.061	BMB
Total:			69.035	7.522	100.00	75.701	

50 K2110740-001D

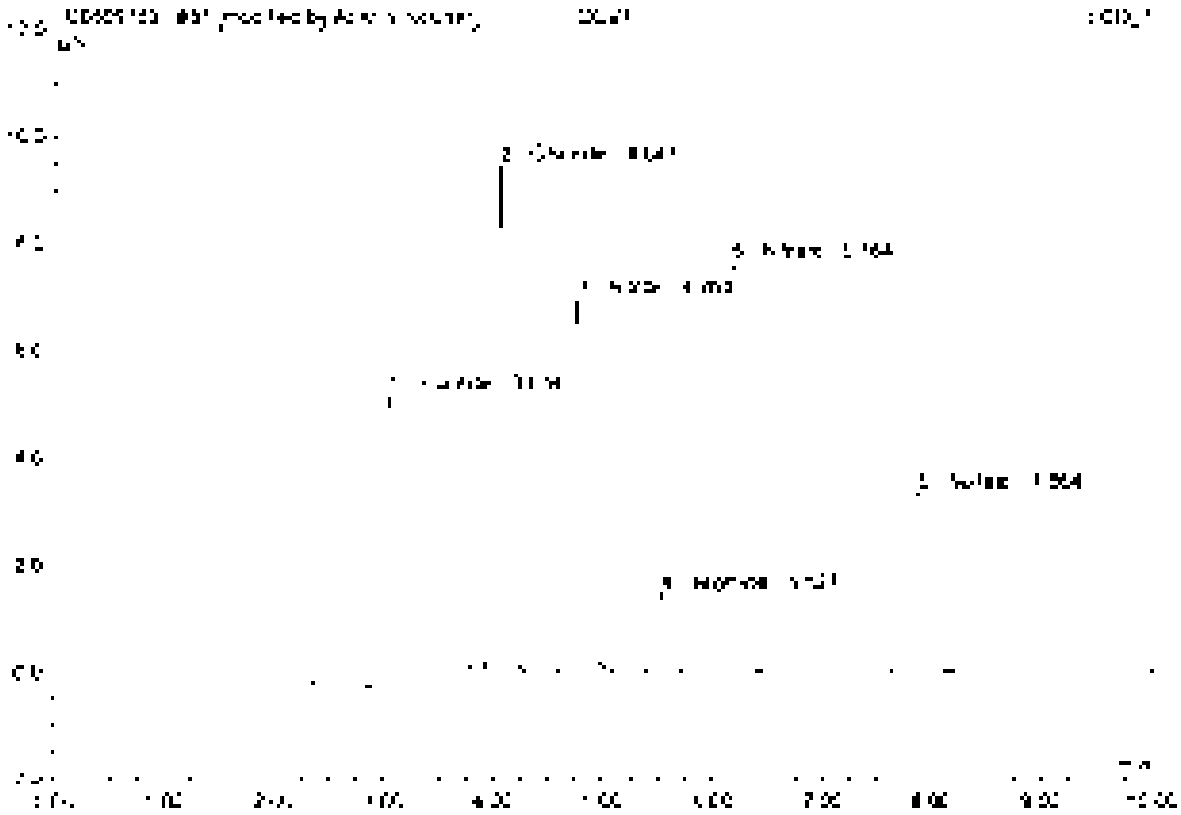
Sample Name	K2110740-001D	Injection Volume	25.0
Vial Number	11	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	9/10/2021 2:02	Sample Weight	1.0000
Run Temperature	40.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.33	Fluoride	0.636	0.360	4.87	0.254	BMB
2	4.35	Chloride	53.446	4.734	63.05	51.919	BMB
3	6.18	Nitrate	7.390	1.056	14.05	4.775	BMB
4	5.96	n.a.	2.025	0.388	5.16	n.a.	BMB
5	7.88	Sulfate	5.340	0.965	12.85	15.017	BMB
Total:			58.849	7.507	100.00	74.965	

#1 CCV7

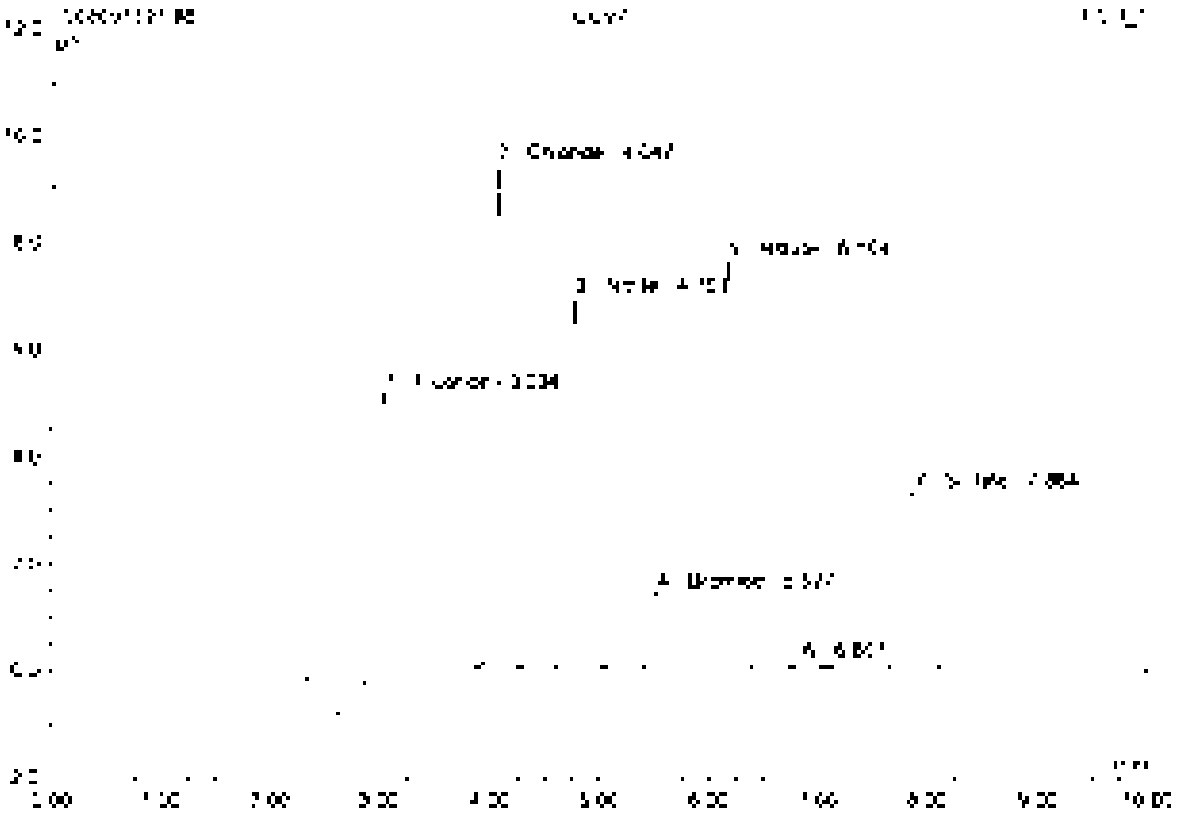
Sample Name	CCV7	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Calibration Factor	1.0000
Processing Time	9/15/2021 2:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	5.352	1.234	24.98	5.256	BMB*
2	4.05	Chloride	9.464	0.960	17.83	4.709	BMB*
3	4.76	Nitrite	6.249	0.934	18.55	2.504	BMB
4	5.53	Bromide	4.464	0.179	3.71	2.423	BMB
5	6.15	Nitrate	7.062	1.054	21.87	2.385	BMB
6	7.86	Sulfate	3.345	0.630	13.06	4.903	BMB
Total:			34.207	4.821	100.00	22.260	

81 CCV7

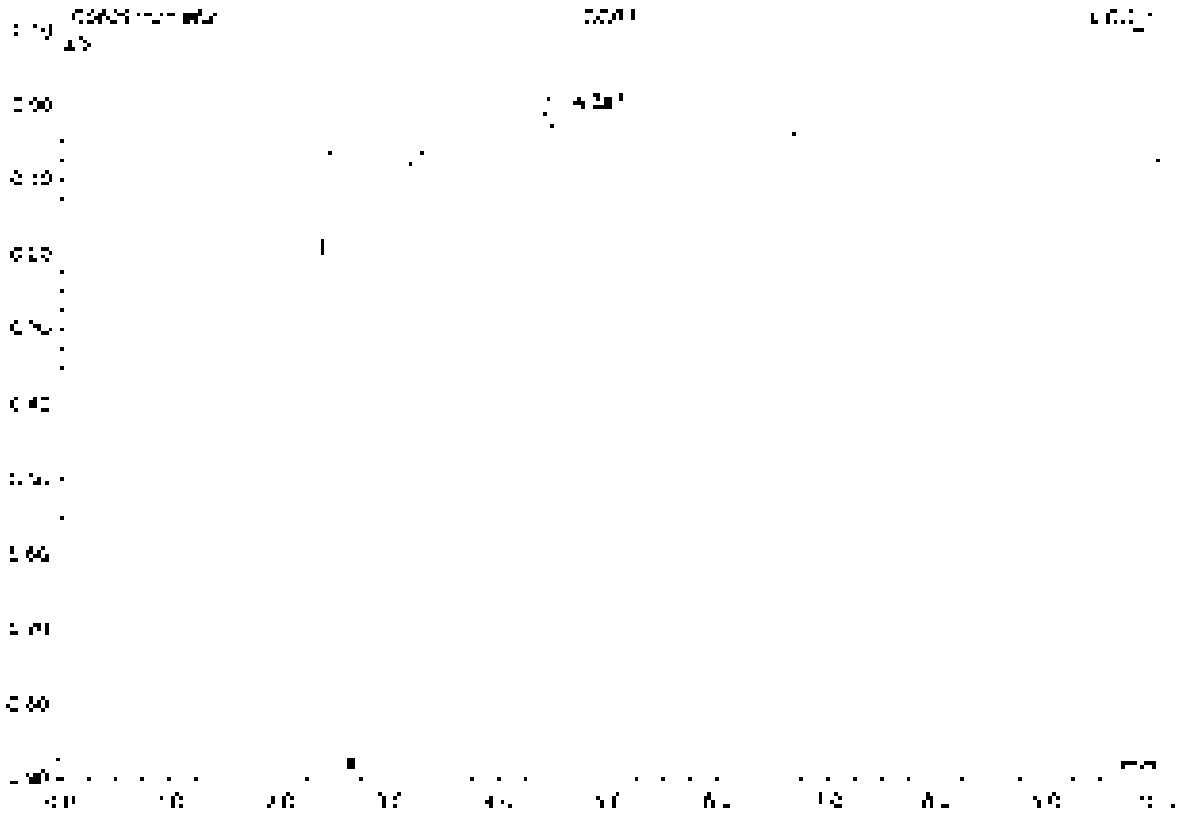
Sample Name	CCV7	Injection Volume	35.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	9/16/2021 2:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.93	Fluoride	5.406	1.250	25.50	5.560	BMb
2	4.05	Chloride	9.404	0.860	17.54	4.709	bVB
3	4.70	Nitrite	6.949	0.894	18.23	2.504	BVU
4	5.51	Bromide	1.464	0.179	3.65	2.429	bVU
5	6.16	Nitrate	7.862	1.054	21.51	2.365	BVB
6	6.87	n.a.	0.138	0.035	0.71	n.a.	BVB
7	7.86	Sulfate	3.345	0.630	12.85	4.903	BVB
Total:			34.363	4.901	100.00	22.494	

52 CCB7

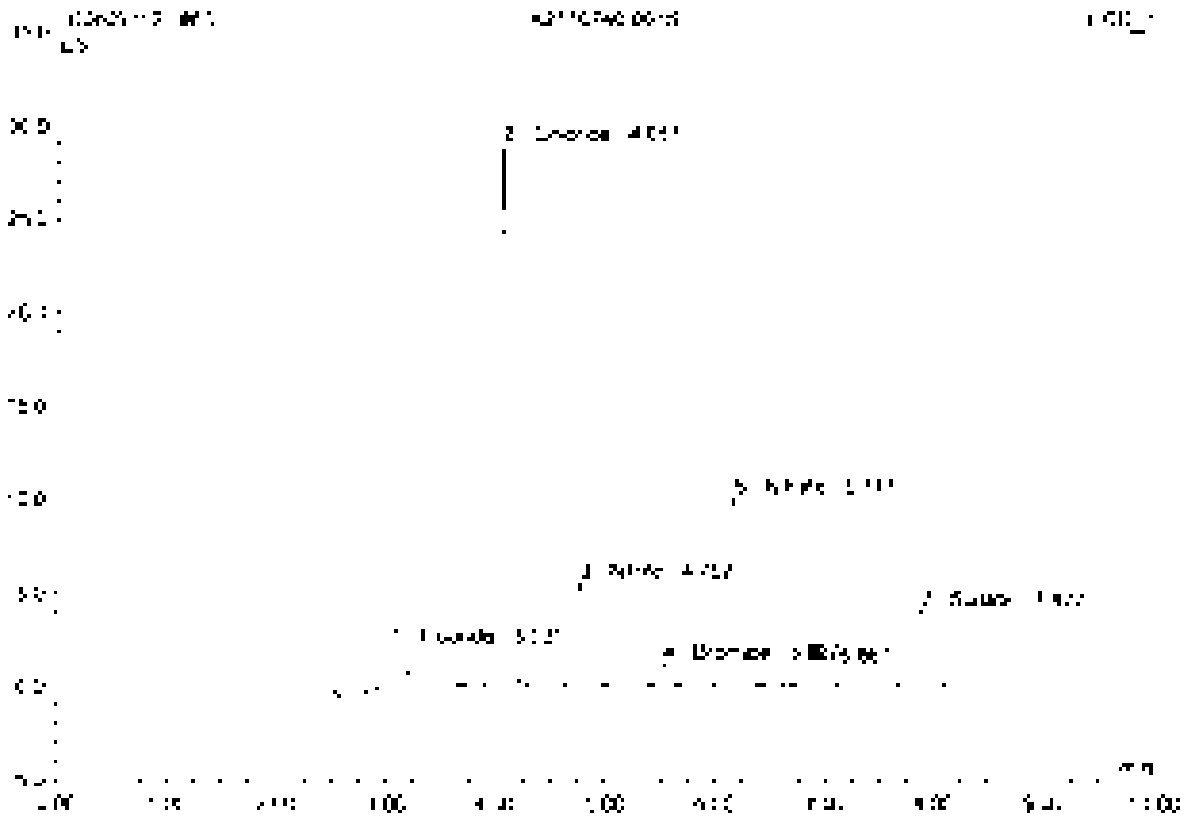
Sample Name	CCB7	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Analysing Time	5/15/2021 2:26	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.34	n.a.	0.685	3.021	100.00	n.a.	BMB
Total			0.685	3.021	100.00	0.000	

83 K2110740-001S

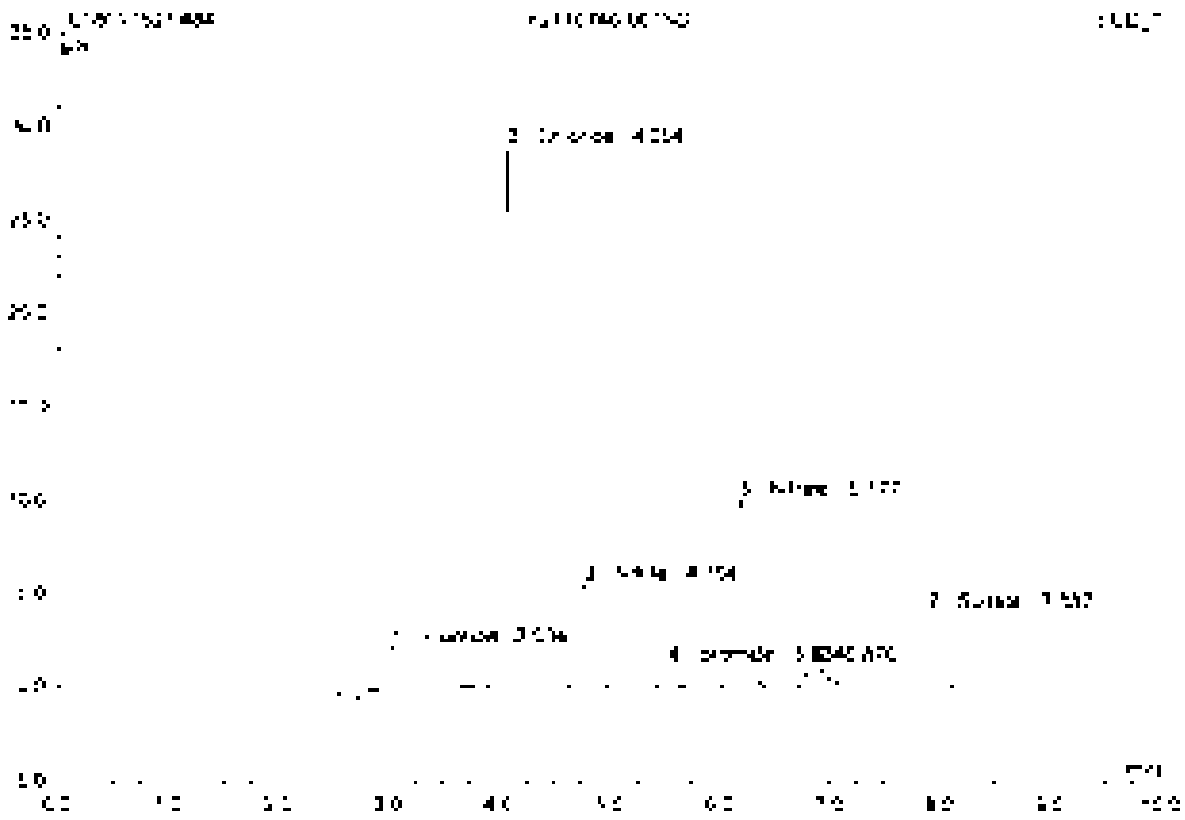
Sample Name	K2110740-001S	Injection Volume	25.0
Vial Number	13	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spe300	Bandwidth	n.a.
Quant. Method	spe300	Dilution Factor	1.0000
Recording Time	9/16/2021 2:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.33	Fluoride	2.327	0.587	9.25	10.450	BMB
2	4.05	Chloride	28.655	2.540	40.53	50.382	BMB
3	4.76	Nitrite	5.571	0.709	11.19	7.942	BMB
4	5.53	Bromide	1.181	0.146	2.30	7.522	BMB
5	6.17	Nitrate	10.033	1.461	22.07	12.585	BMB
6	6.86	Phosphate	1.012	0.205	3.23	n.a.	BMB
7	7.88	Sulfate	2.980	0.726	11.44	22.616	BMB
Total:			52.500	6.340	100.00	117.507	

84 K2110740-001SD

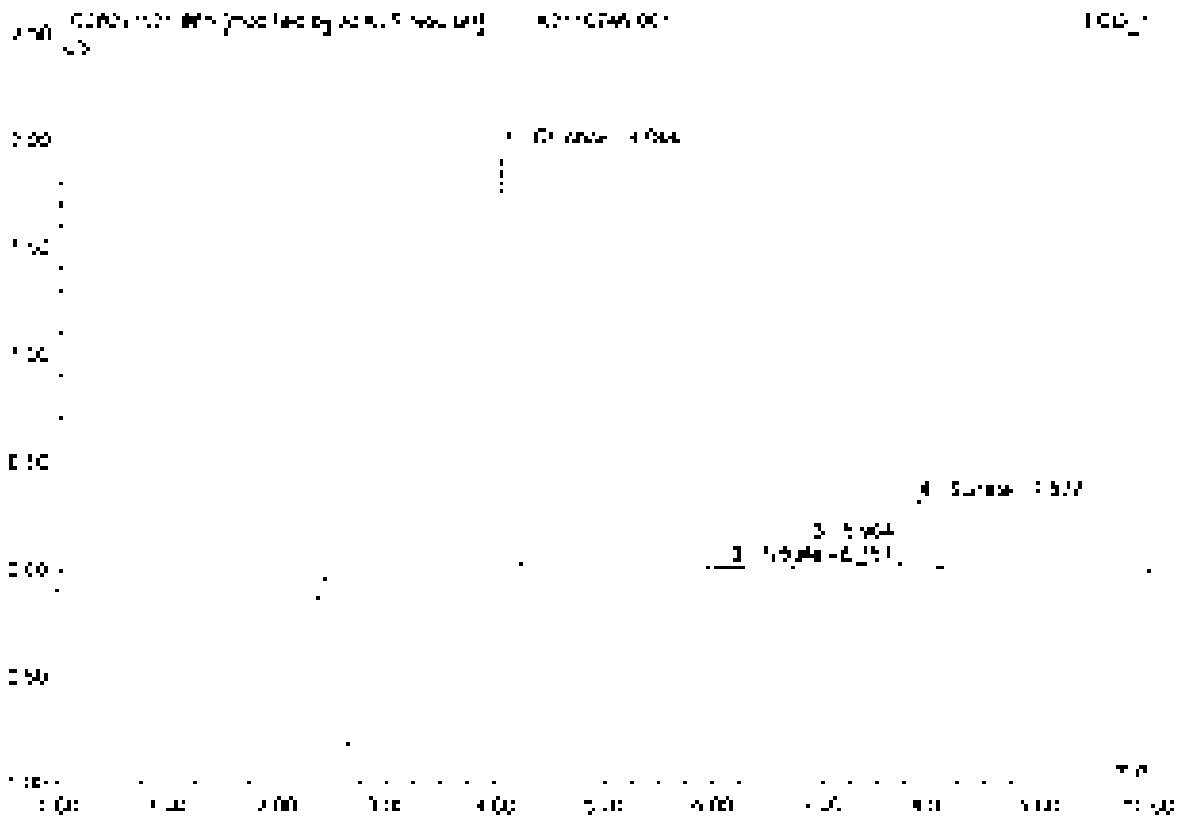
Sample Name	K2110740-001SD	Injection Volume	25.0
Vial Number	13	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	4.0000
Recording Time	5/18/2021 2:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.03	Fluoride	2.942	0.561	9.79	10.512	BMB
2	4.05	Chloride	28.800	2.575	44.98	55.427	BMB
3	4.70	Nitrite	5.505	0.710	12.40	7.954	BMB
4	5.55	Bromide	1.778	0.145	2.53	7.835	BMB
5	5.13	Nitrate	13.075	1.402	24.48	12.690	BMB
6	5.97	n.a.	1.046	0.191	3.33	n.a.	BMB
7	7.89	Sulfate	3.676	0.727	12.69	22.676	BMB
Total:			52.865	5.731	100.00	118.088	

85 K2110746-001

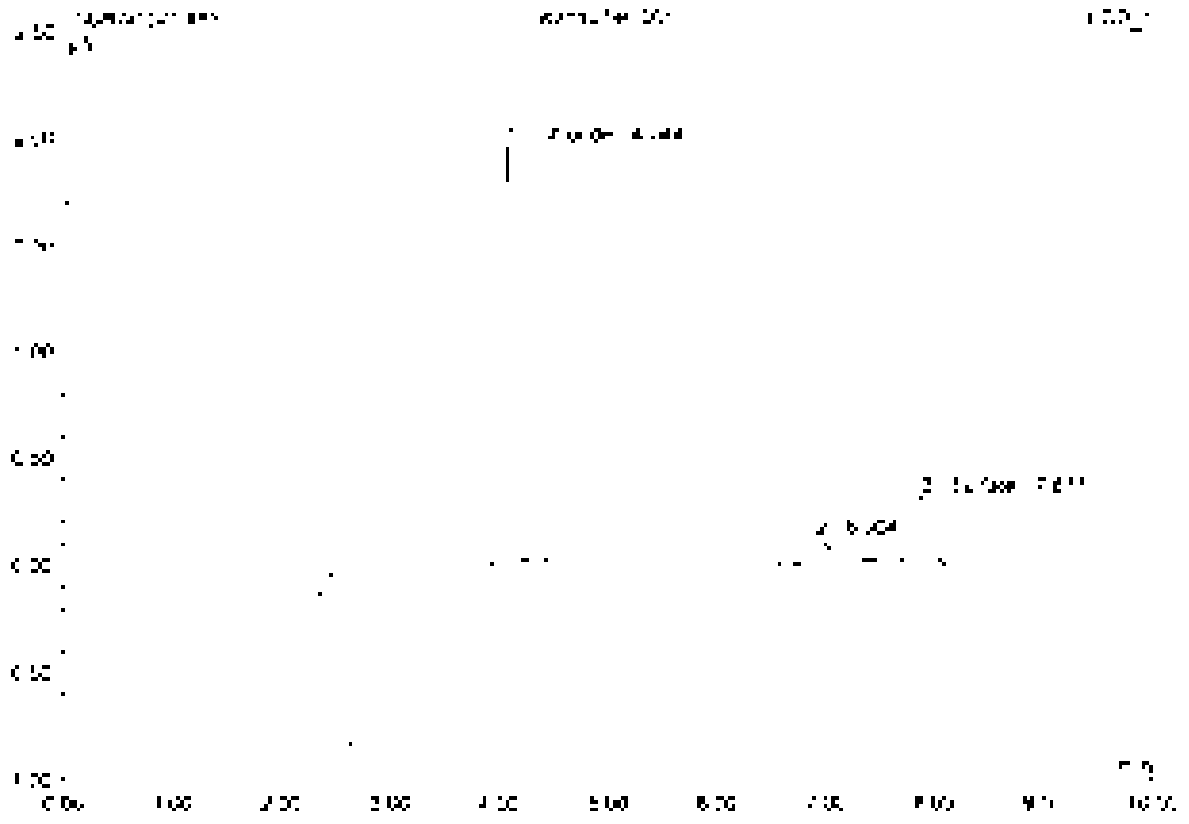
Sample Name	K2110746-001	Injection Volume	25.0
Vial Number	14	Channel	EGD 1
Sample Type	unknown	Wavelength	n.a.
Comm. Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	2.0000
Recording Time	9/15/2021 5:02	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.94	Chloride	1.956	0.184	66.81	2.015	BV B
2	5.17	Nitrate	0.002	0.002	0.68	0.005	BMB
3	6.50	n.a.	0.120	0.036	12.94	n.a.	BMB
4	7.58	Sulfate	0.306	0.055	19.56	0.562	BMB
Total:			2.384	0.277	100.00	2.582	

B5 K2110746-001

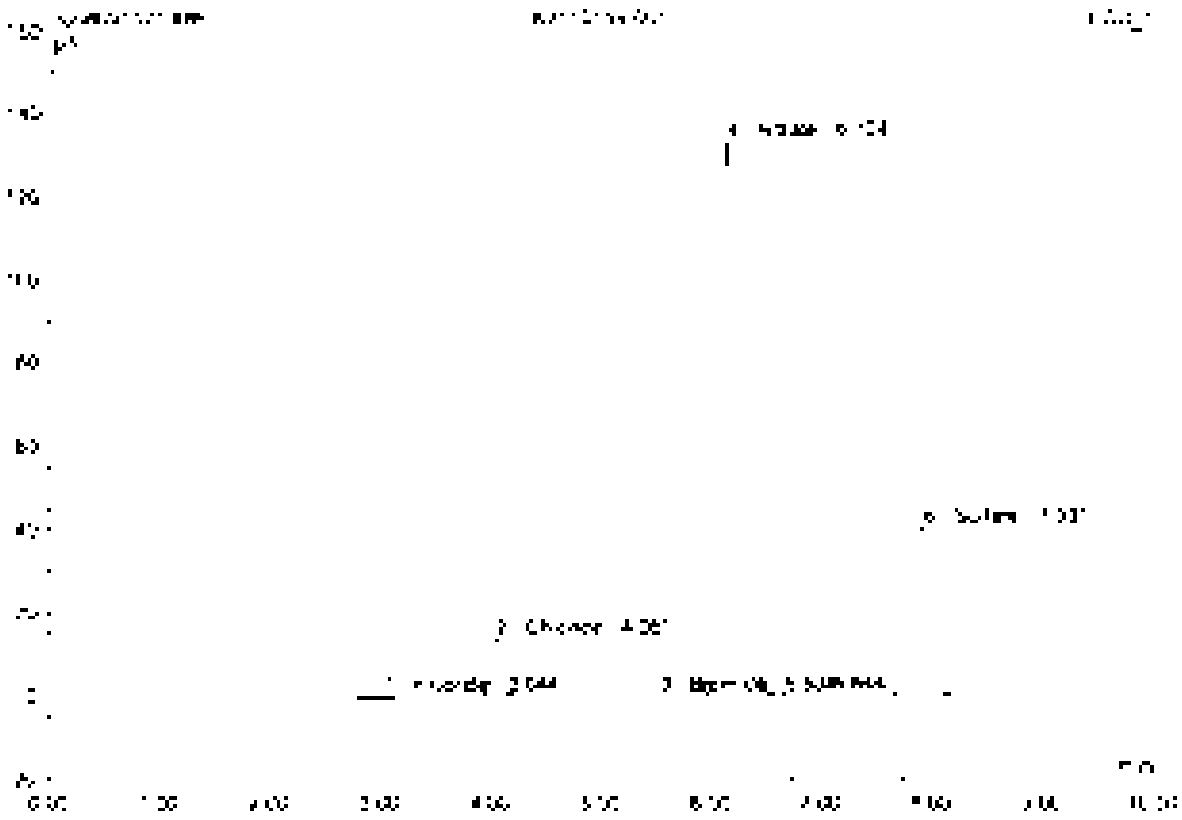
Sample Name	K2110746-001	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	8/18/2021 3:03	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chlorate	1.555	0.184	56.87	2.019	BMB
2	6.30	n.a.	0.120	0.008	1.00	n.a.	BV0
3	[illegible]	Sulfate	0.006	0.055	20.10	0.862	BV0
Total:			2.382	0.275	100.00	2.881	

86 K2110159-001

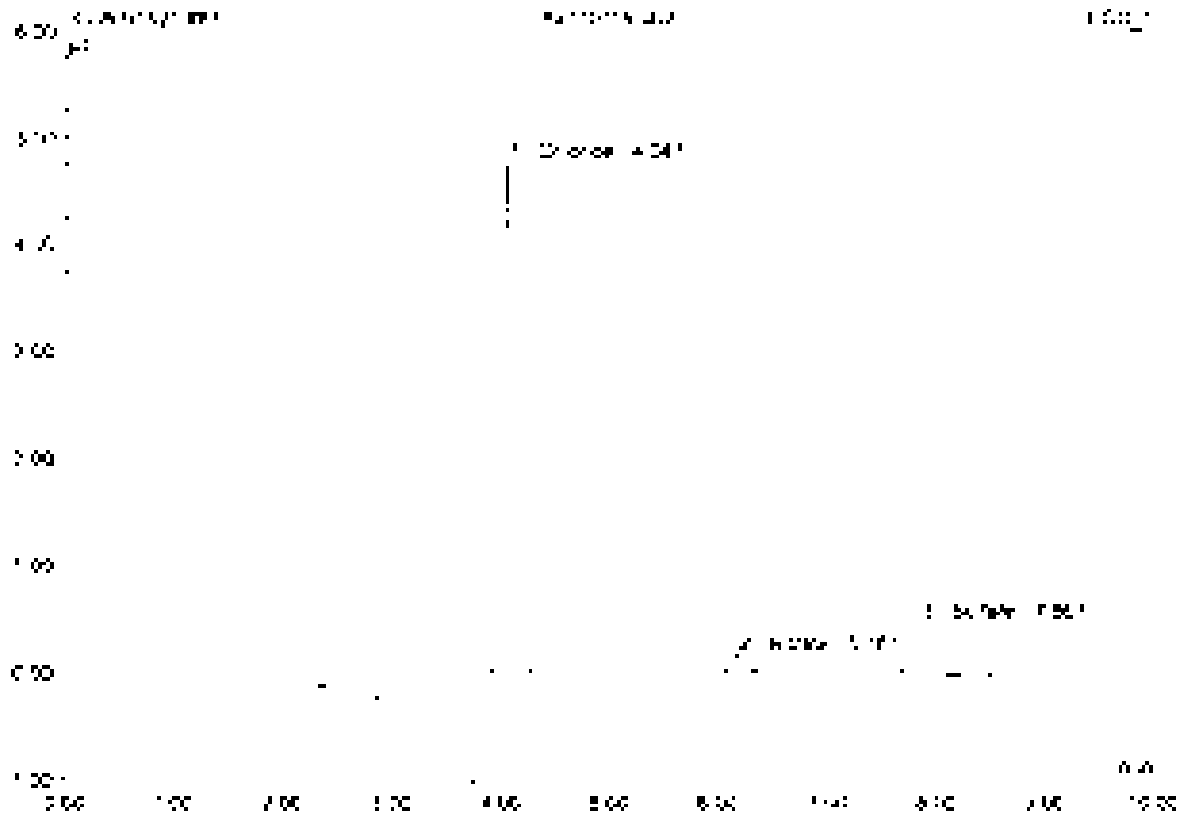
Sample Name	K2110159-001	Injection Volume	25.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	5.0000
Processing Time	5/15/2021 5:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	0.434	0.256	0.18	5.557	BMB
2	4.05	Chloride	13.803	1.277	0.87	34.952	BMB
3	5.53	Bromide	0.039	0.016	0.05	1.057	BMB
4	6.12	Nitrate	133.388	24.328	73.72	275.267	BMB
5	6.94	n.a.	0.085	0.025	0.07	n.a.	BMB
6	7.93	Sulfate	63.547	7.100	21.51	276.362	BMB
Total:			185.297	33.002	100.00	593.197	

87 K2110159-002

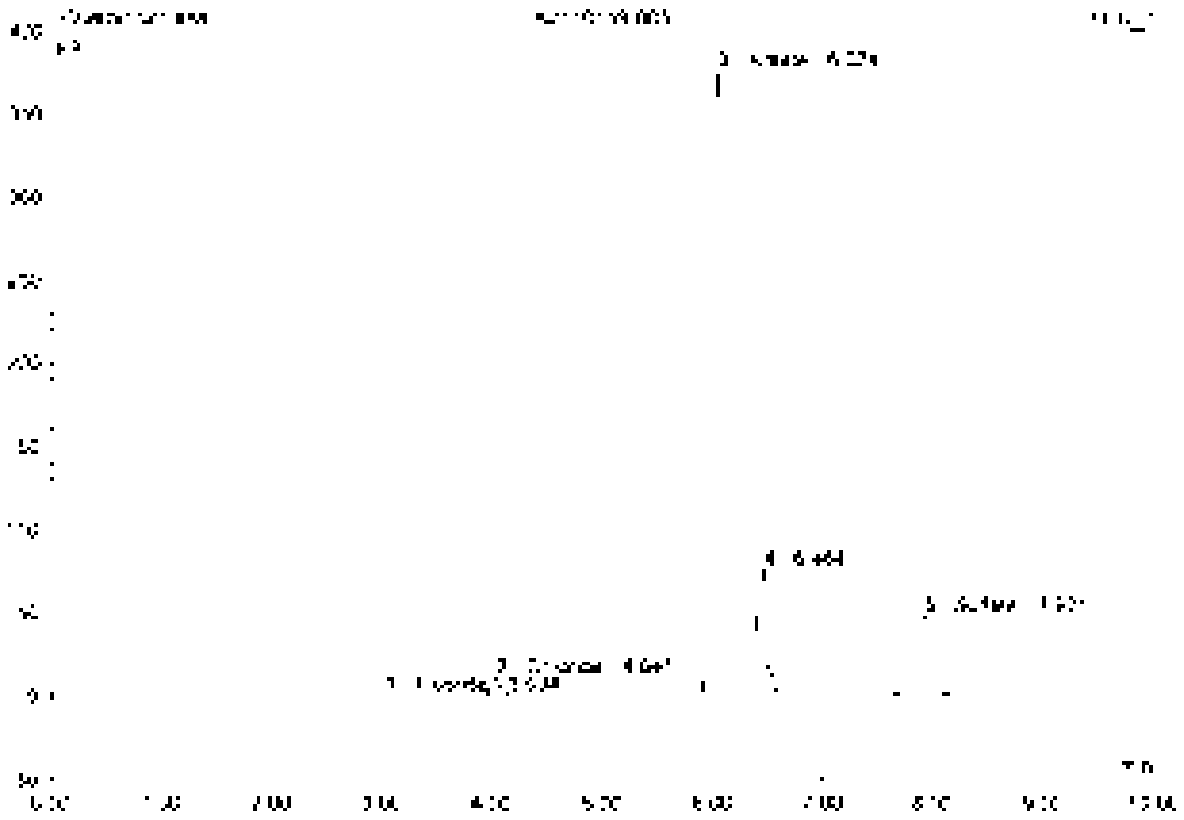
Sample Name	K2110159-002	Injection Volume	25.0
Vial Number	16	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	20.0000
Recording Time	5/16/2021 3:28	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.35	Chloride	5.700	3.441	38.61	48.345	BMB
2	6.18	Nitrate	0.100	0.324	4.04	1.102	BMB
3	7.87	Sulfate	0.480	0.066	17.05	14.909	BMB
Total:			5.400	3.561	100.00	64.356	

88 K2110159-003

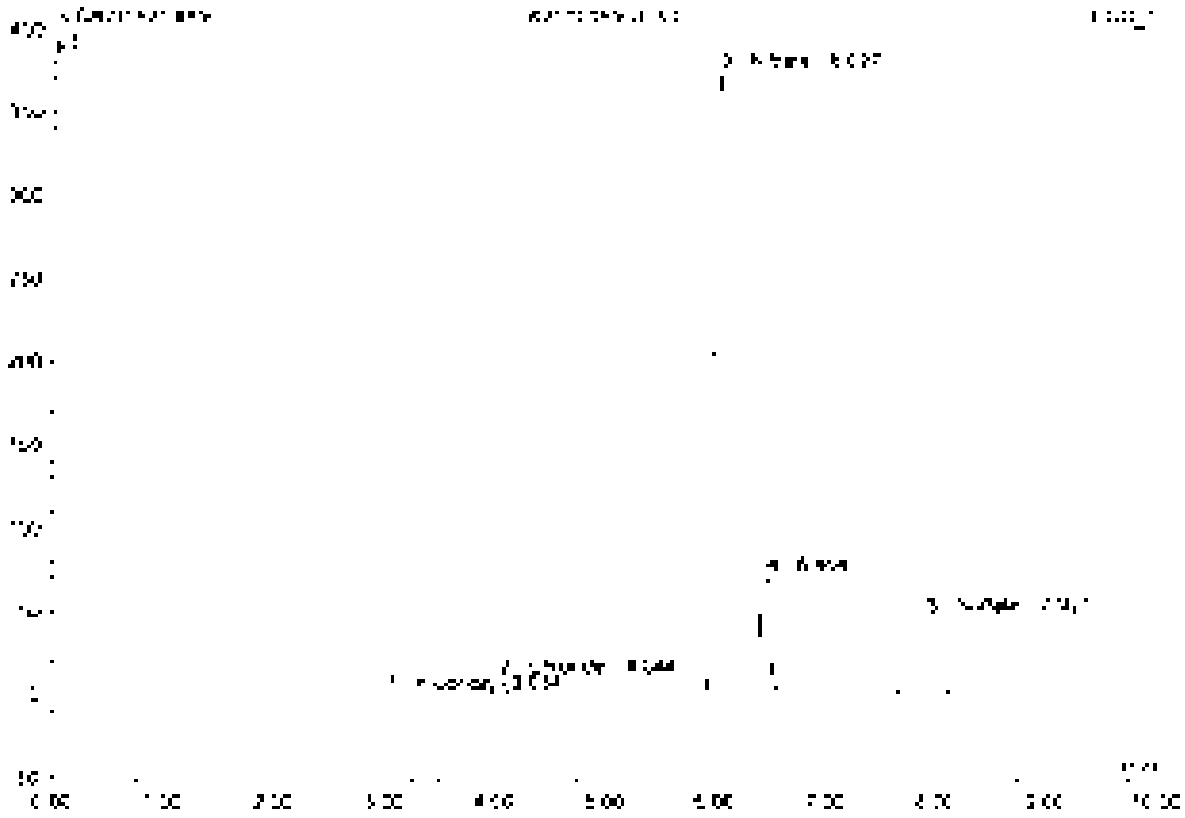
Sample Name	K2110159-003	Injection Volume	25.0
Vial Number	17	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Original Method	epa300	Dilution Factor	3.0000
Processing Time	9/16/2021 3:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.33	Fluoride	3.390	5.227	0.27	5.031	BMB
2	4.04	Chloride	10.103	21.944	1.14	22.840	BMB
3	6.37	Nitrate	364.796	69.105	89.64	757.929	BMB
4	5.46	[illegible]	45.614	3.188	3.66	n.a.	BMB
5	7.92	Sulfate	47.649	9.195	11.12	357.892	BMB
Total:			471.554	92.659	100.00	1170.708	

88 K2110159-003D

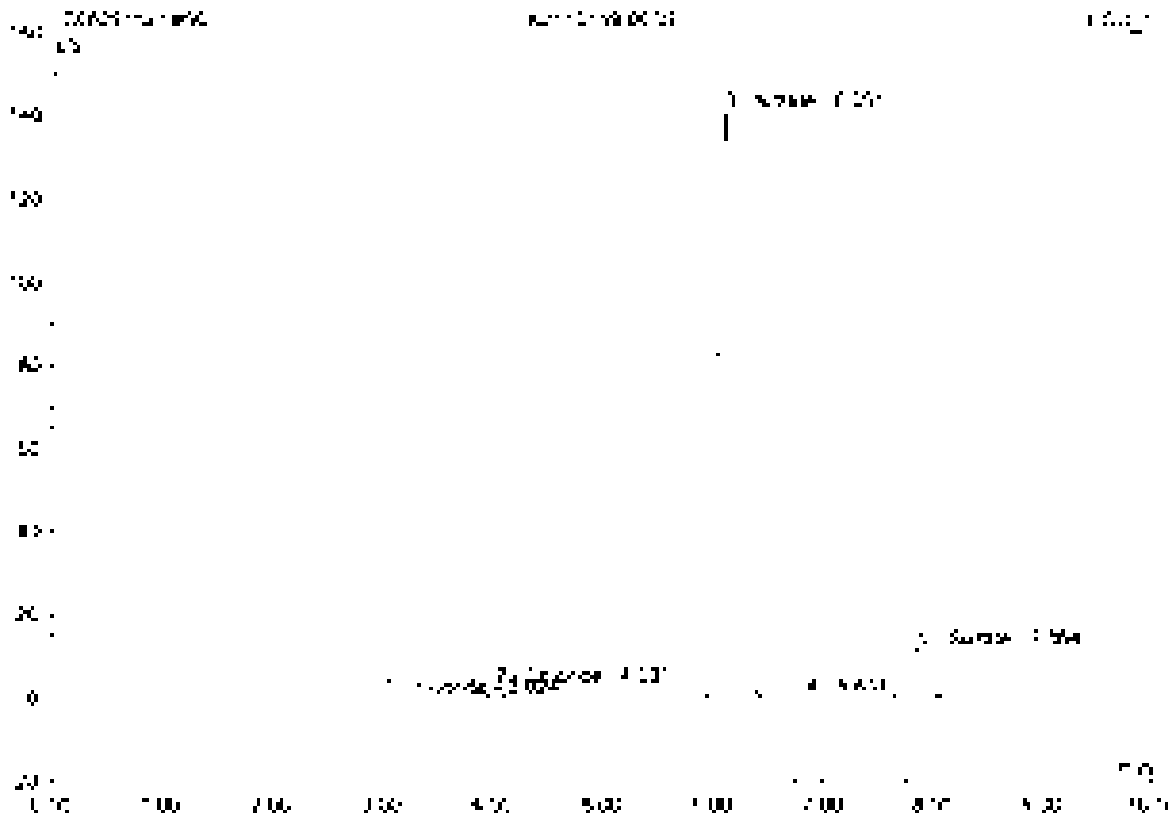
Sample Name	K2110159-003D	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a
Control Program	epa300	Bandwidth	n.a
Quant Method	epa300	Dilution Factor	6.0000
Recording Time	[illegible] 3:49	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.03	Fluoride	0.396	0.779	0.28	5.094	BMB
2	4.04	Chloride	5.587	0.535	1.14	23.015	BMB
3	6.03	Nitrate	361.582	62.789	84.05	778.460	BMB
4	6.45	n.a	44.241	2.844	3.47	n.a	BMB
5	7.92	Sulfate	46.934	9.047	11.05	352.156	BMB
Total:			465.135	81.855	100.00	1161.327	

90 K2110159-003S

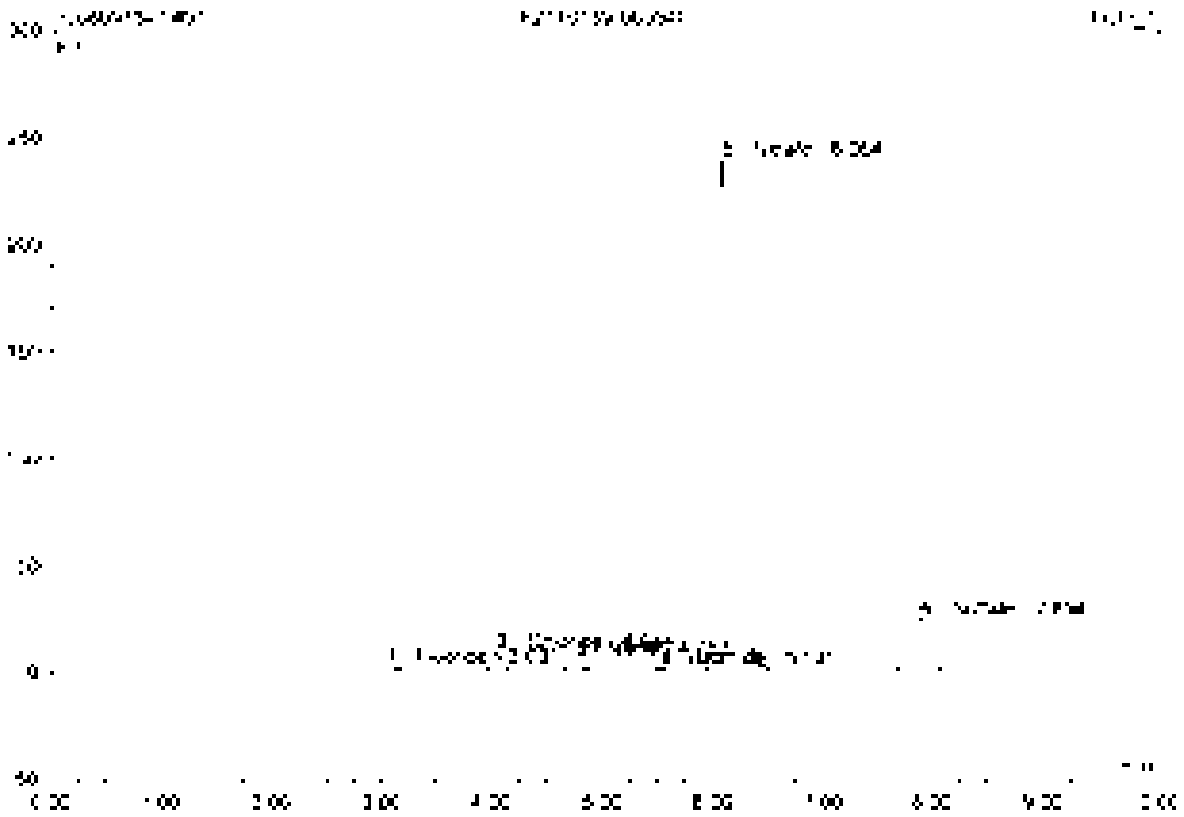
Sample Name	K2110159-003S	Injection Volume	25.0
Vial Number	19	Channel	ECD: 1
Sample Type	unknown	Wavelength	n/a
Control Program	epa300	Bandwidth	n/a
Quantit. Method	epa300	Dilution Factor	10.0000
Running Time	9/16/2021 4:01	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	0.104	0.061	0.25	2.657	BMB
2	4.01	Chloride	2.278	0.244	1.01	13.359	dMB
3	5.09	Nitrate	140.613	21.605	89.81	452.525	BMB
4	5.86	n.a.	0.059	0.017	0.07	n.a.	BMB
5	7.35	Sulfate	11.642	2.131	8.86	185.917	BMB
Total:			154.696	24.058	100.00	670.899	

91 K2110159-003SD

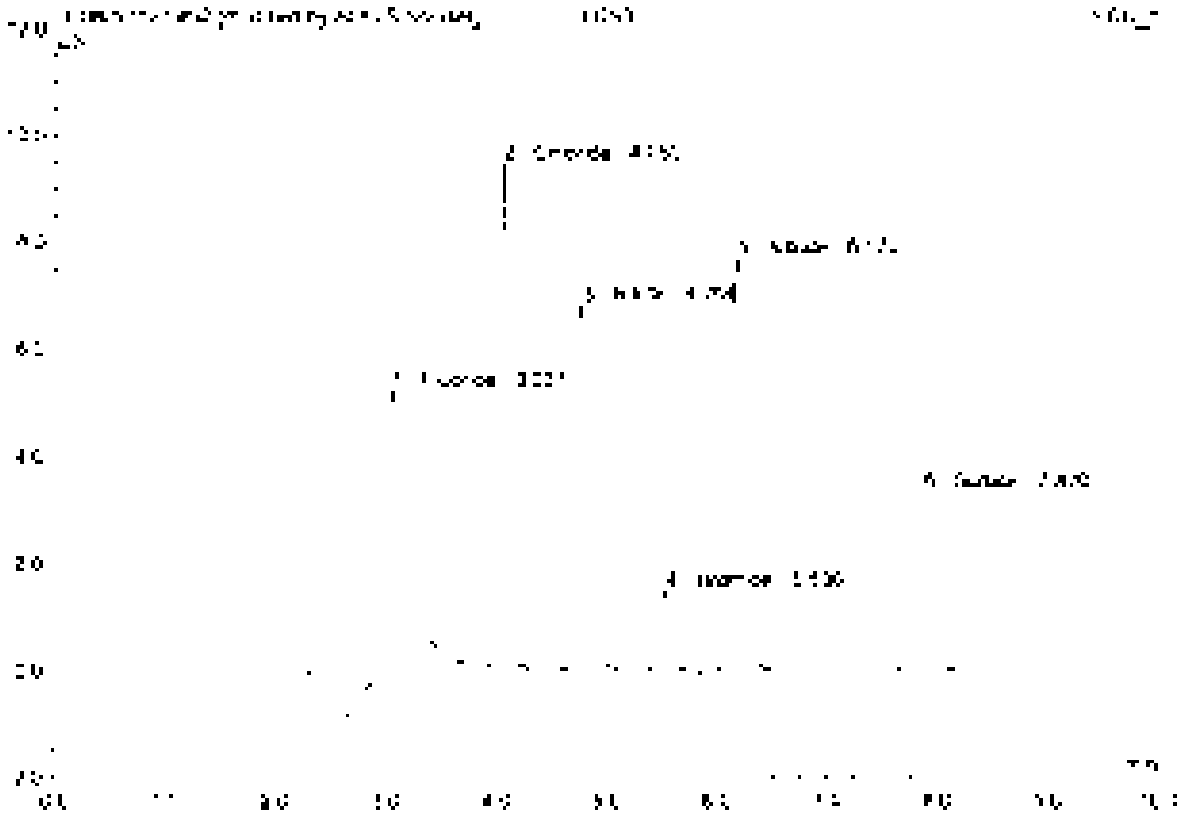
Sample Name	K2110159-003SD	Injection Volume	25.0
Vial Number	20	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Calibration Factor	10.0000
Recording Time	9/16/2021 4:13	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.93	Fluoride	2.272	0.563	1.14	25.065	BVB
2	4.94	Chloride	8.750	0.512	1.65	44.455	BMB
3	4.76	Nitrite	5.551	0.711	1.44	15.502	BVB
4	5.52	Bromide	1.788	0.147	0.30	15.870	BVB
5	6.06	Nitrate	235.884	42.582	86.35	960.625	BMB
6	7.26	Sulfate	24.331	4.458	9.12	350.130	BMB
Total:			280.537	49.313	100.00	1423.091	

92 LCS3

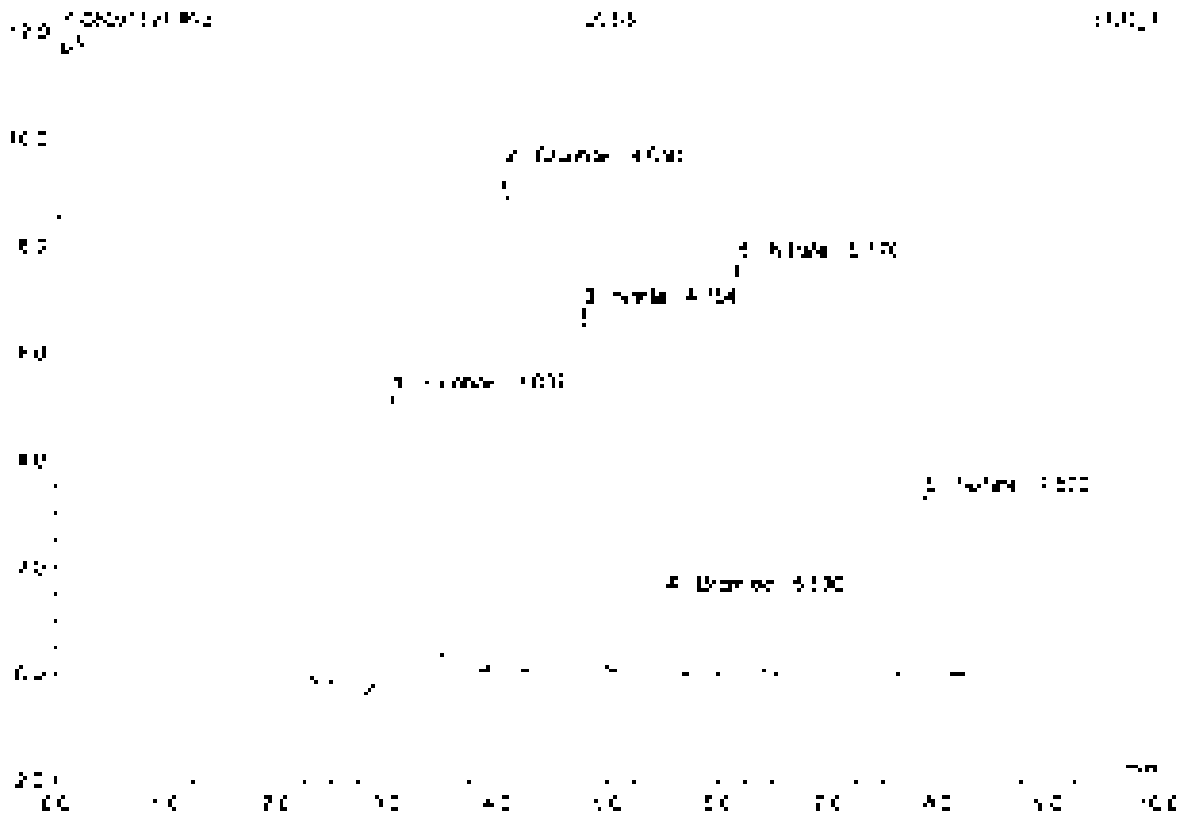
Sample Name	LCS3	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program:	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 4:25	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.06	Fluoride	5.616	[illegible]	24.50	5.214	BMB*
2	4.05	Chloride	9.604	0.856	17.97	4.703	BMB*
3	4.76	Nitrite	6.817	0.836	18.32	2.451	BMB
4	5.53	Bromide	1.472	0.179	3.75	0.432	BMB
5	6.17	Nitrate	7.658	1.061	22.23	2.400	BMB
6	7.87	Sulfate	3.344	0.532	11.23	4.522	BMB
Total:			34.7[illegible]	4.778	100.00	22.722	

92 LCS3

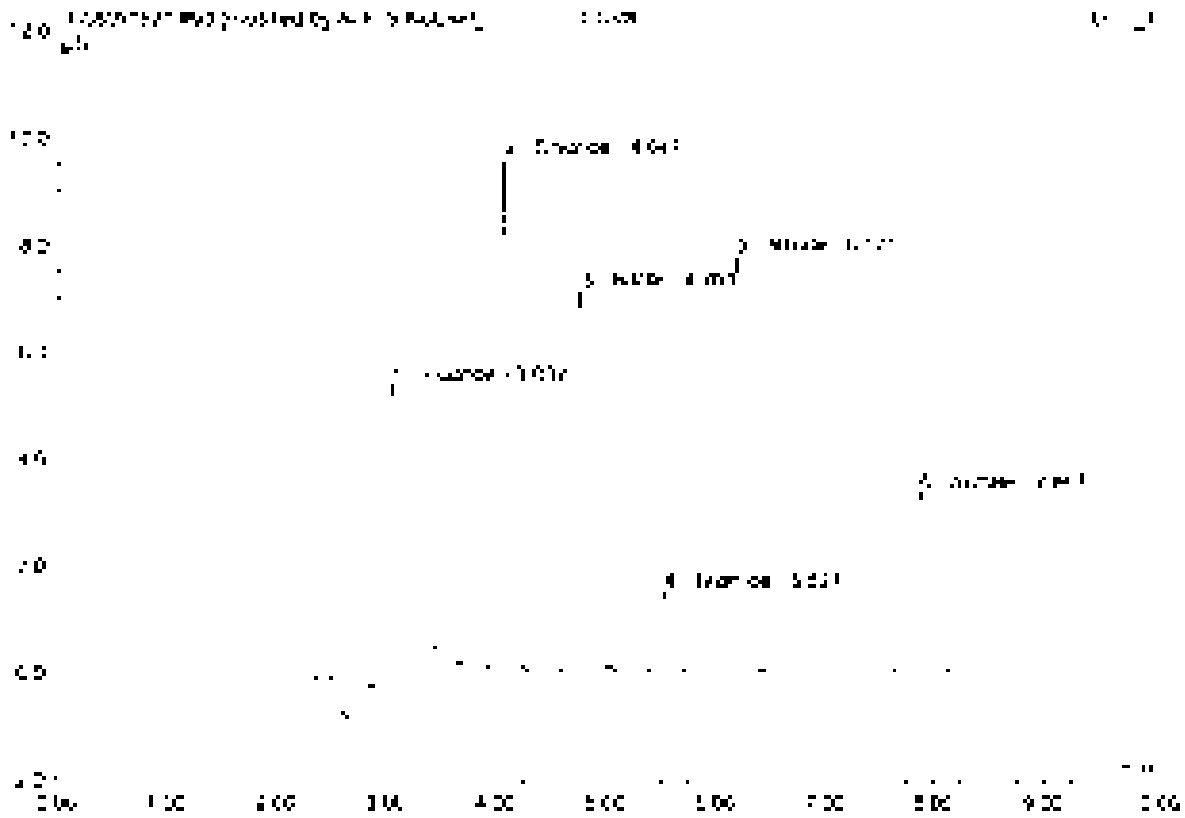
Sample Name	LCS3	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Control Method	wpa300	Dilution Factor	1.0000
Recording Time	9/16/2021 4:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	5.450	1.252	25.77	5.571	BMB
2	4.05	Chloride	5.404	0.855	17.67	4.703	BMB
3	4.76	Nitrite	6.817	0.875	18.02	2.451	BMB
4	5.60	Bromide	5.472	0.178	3.65	2.432	BMB
5	6.17	Nitrate	7.665	1.061	21.83	2.400	BMB
6	7.87	Sulfate	3.344	0.632	13.01	4.822	BMB
Total			34.155	4.859	100.00	22.479	

93 CCV8

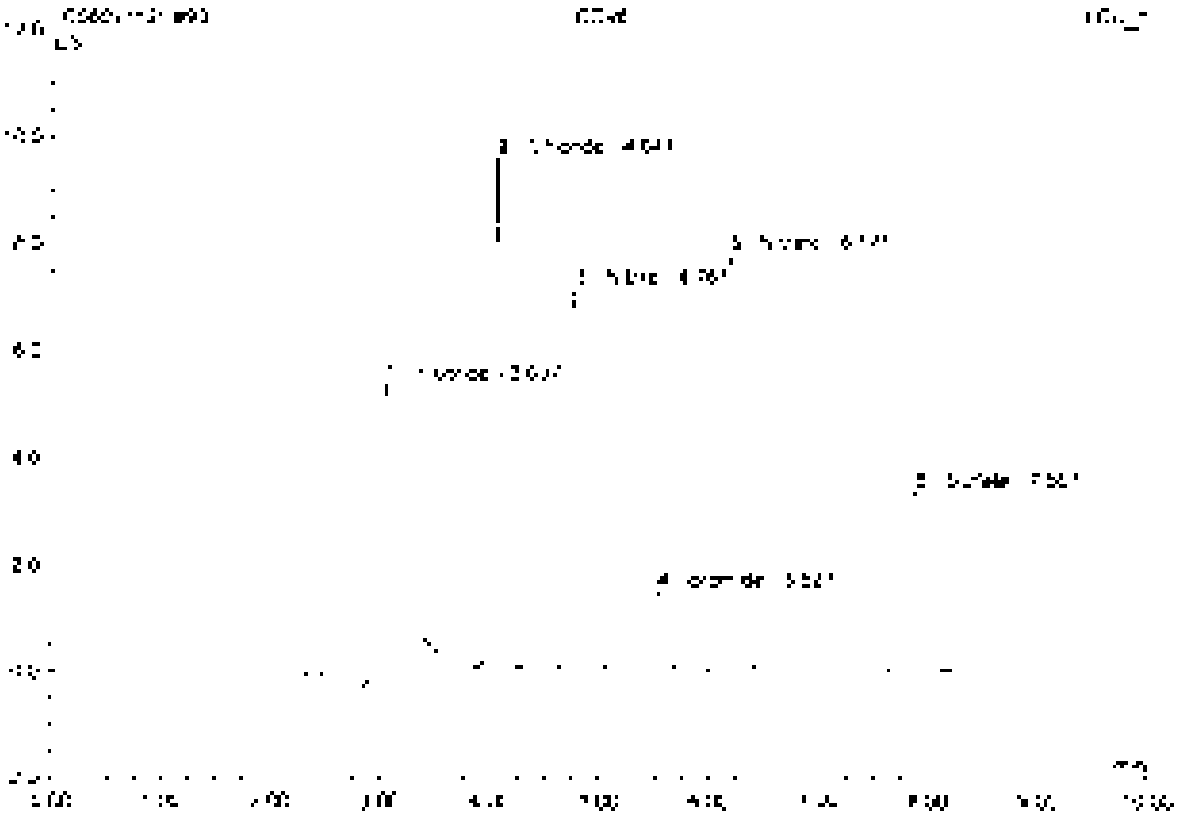
Sample Name	CCV8	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 4:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.04	Fluoride	5.541	1.156	24.52	5.291	BMB*
2	4.05	Chloride	9.555	0.968	17.99	4.753	BMB*
3	4.70	Nitrite	7.108	0.912	18.79	2.552	BMB
4	5.51	Bromide	1.482	0.180	3.71	2.442	BMB
5	6.17	Nitrate	7.777	1.070	22.65	2.420	BMB
6	7.27	Sulfate	3.368	0.633	13.04	4.925	BMB
Total:			34.789	4.851	100.00	22.383	

93 CCV8

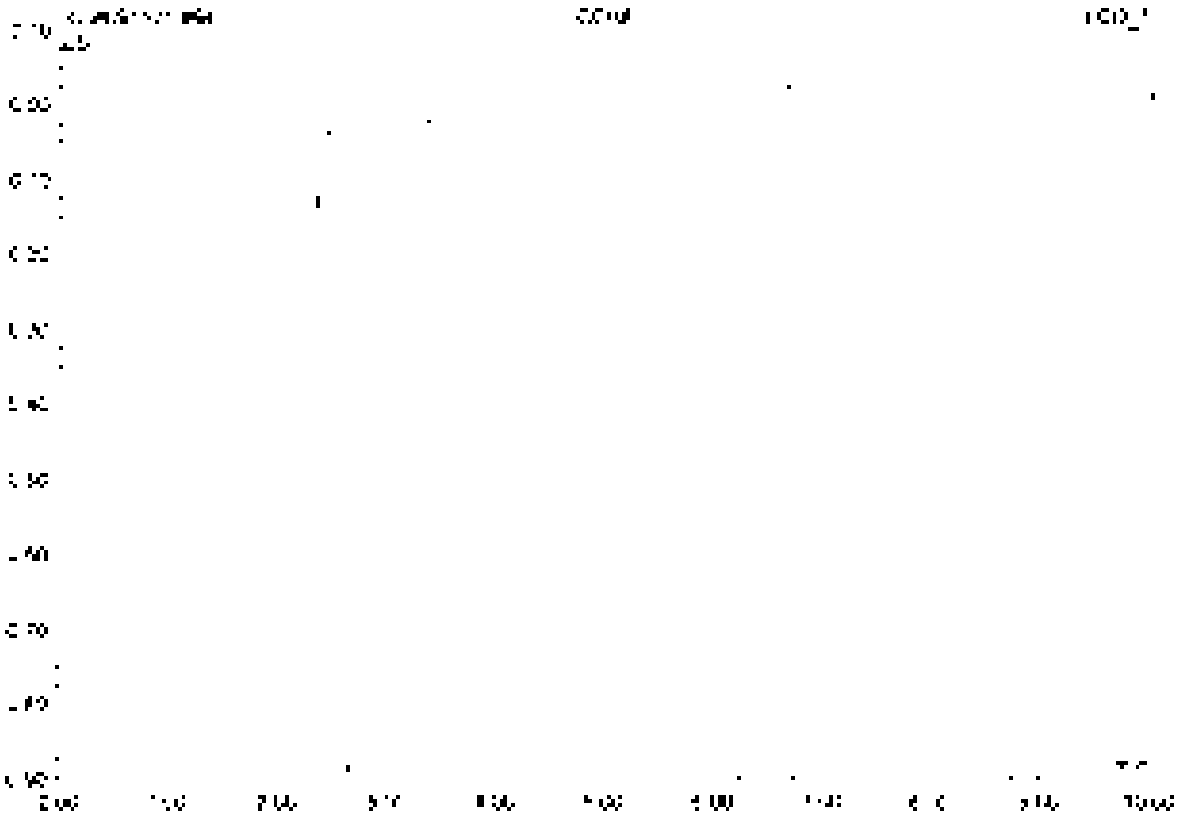
Sample Name	CCV8	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	9/16/2021 6:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.94	Fluoride	5.532	1.283	25.94	5.706	BMB
2	4.35	Chloride	9.575	3.568	72.15	4.753	BMB
3	4.76	Nitrite	7.106	0.912	18.44	2.532	BMB
4	5.53	Bromide	1.482	0.180	3.64	2.442	BMB
5	6.17	Nitrate	7.777	1.070	21.63	2.420	BMB
6	7.57	Sulfate	3.368	0.633	12.80	4.525	BMB
Total:			34.830	4.944	100.00	22.798	

94 CCB8

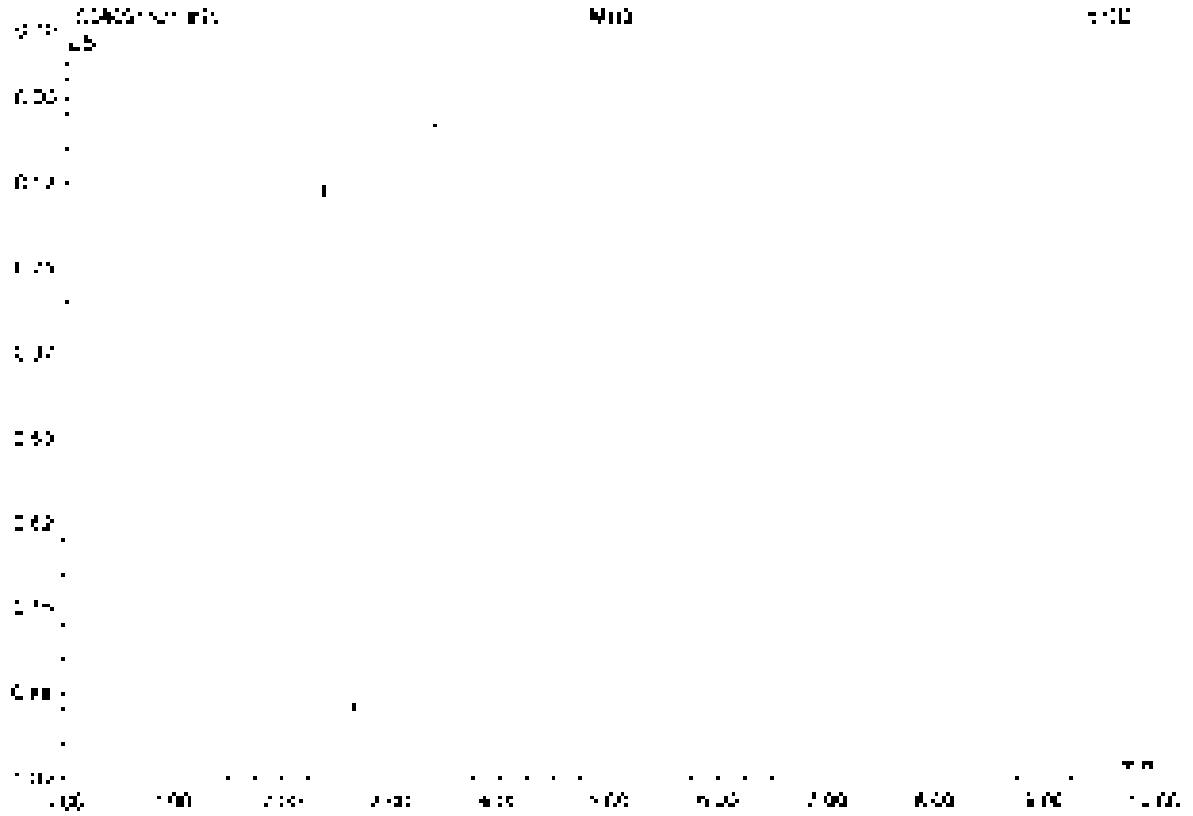
Sample Name	CCB8	Injection Volume	25.0
Vial Number	49	Channel	DCD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	5/15/2021 4:49	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

95 MB3

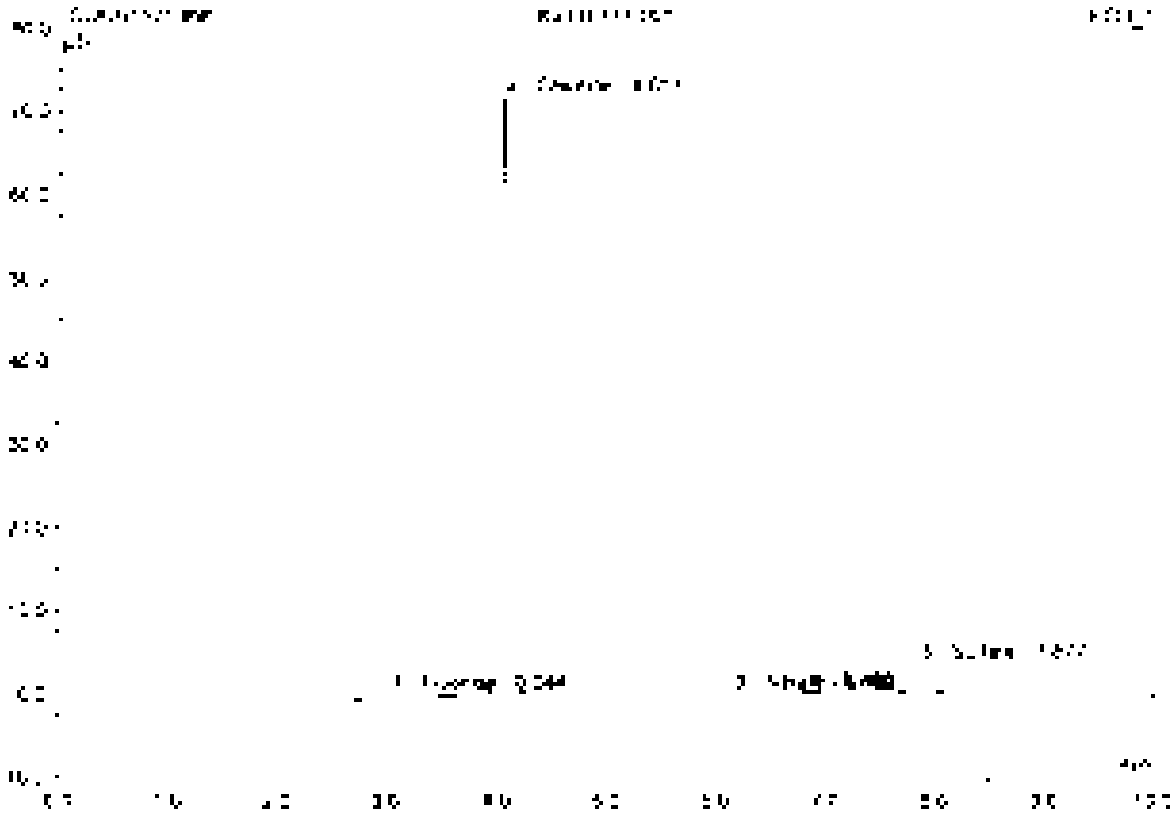
Sample Name	MB3	Injection Volume	20.0
Vial Number	1	Channel	ECD [illegible]
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Calibrat. Factor	1.0000
Recording Time	[illegible]/7/2021 [illegible]:01	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

96 K2110377-001

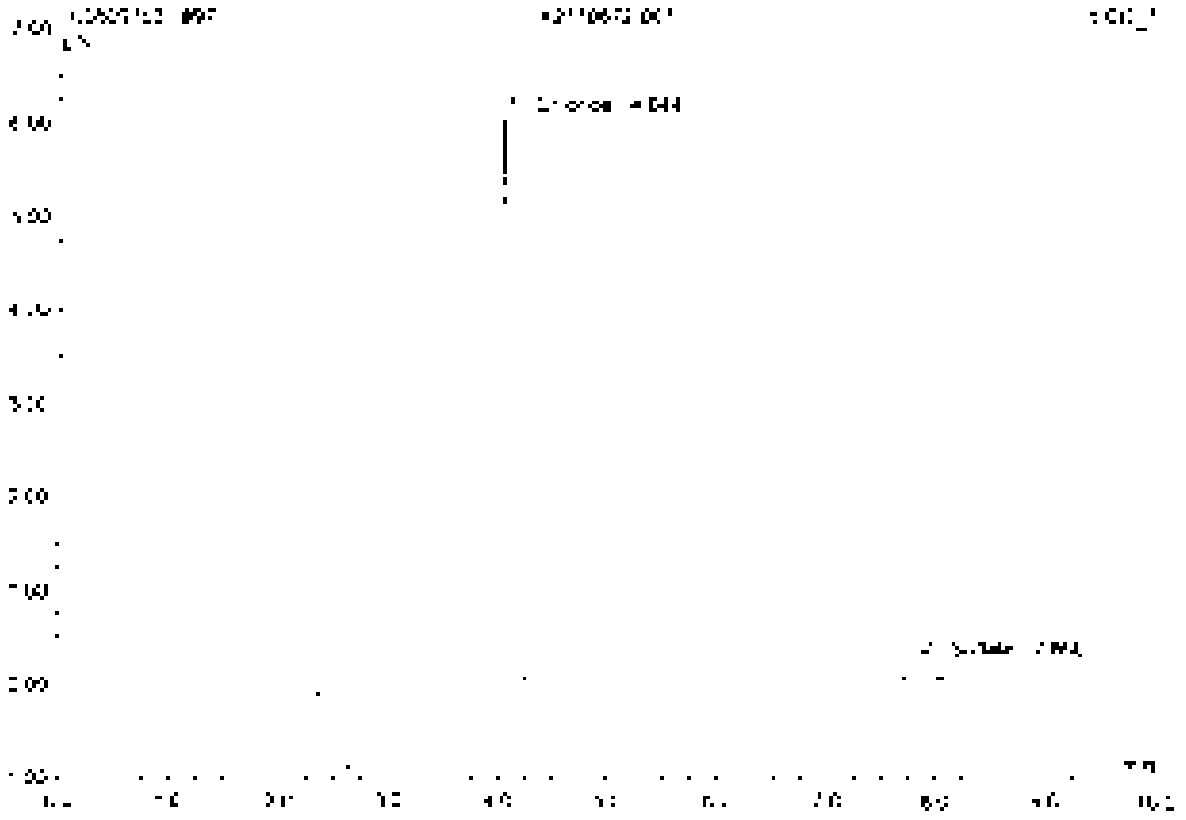
Sample Name	K2110377-001	Injection Volume	25.0
Vial Number	21	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	5.0000
Processing Time	9/16/2021 5:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.34	Fluoride	0.577	0.366	4.94	8.128	BMB
2	4.30	Chloride	71.621	6.280	85.00	172.251	BVB
3	5.18	Nitrate	0.055	0.008	0.11	0.088	BMB
4	5.82	n.a.	0.220	0.052	0.70	n.a.	BMD
5	7.58	Sulfate	3.743	0.685	9.26	26.672	BMB
Total:			76.215	7.389	100.00	207.099	

97 K2110672-001

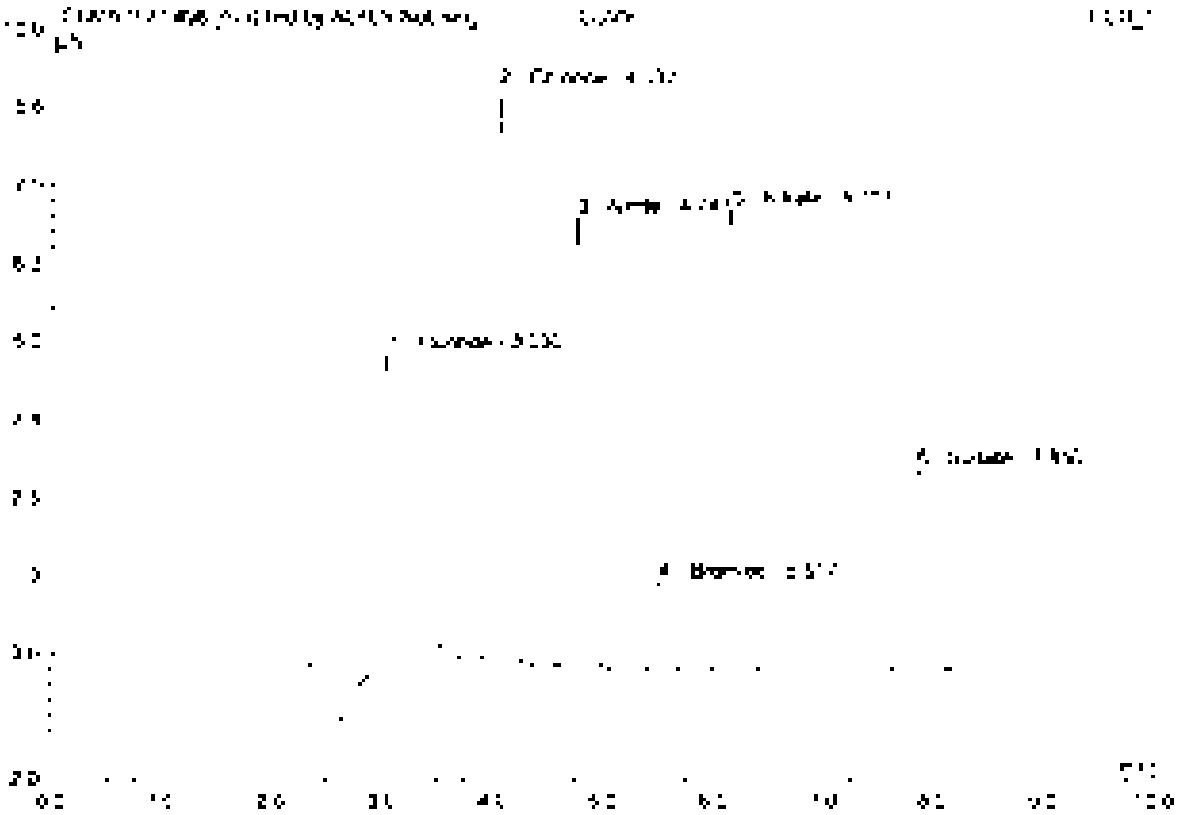
Sample Name	K2110672-001	Injection Volume	25.0
Vial Number	22	Digitizer	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	50.0000
Recording Time	3/18/2021 5:28	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.34	Chloride	6.335	0.555	92.68	[illegible]	BV8
2	7.86	Sulfate	0.770	0.043	7.32	[illegible]	BV9
Total:			6.755	0.597	100.00	[illegible]	

98 CCV9

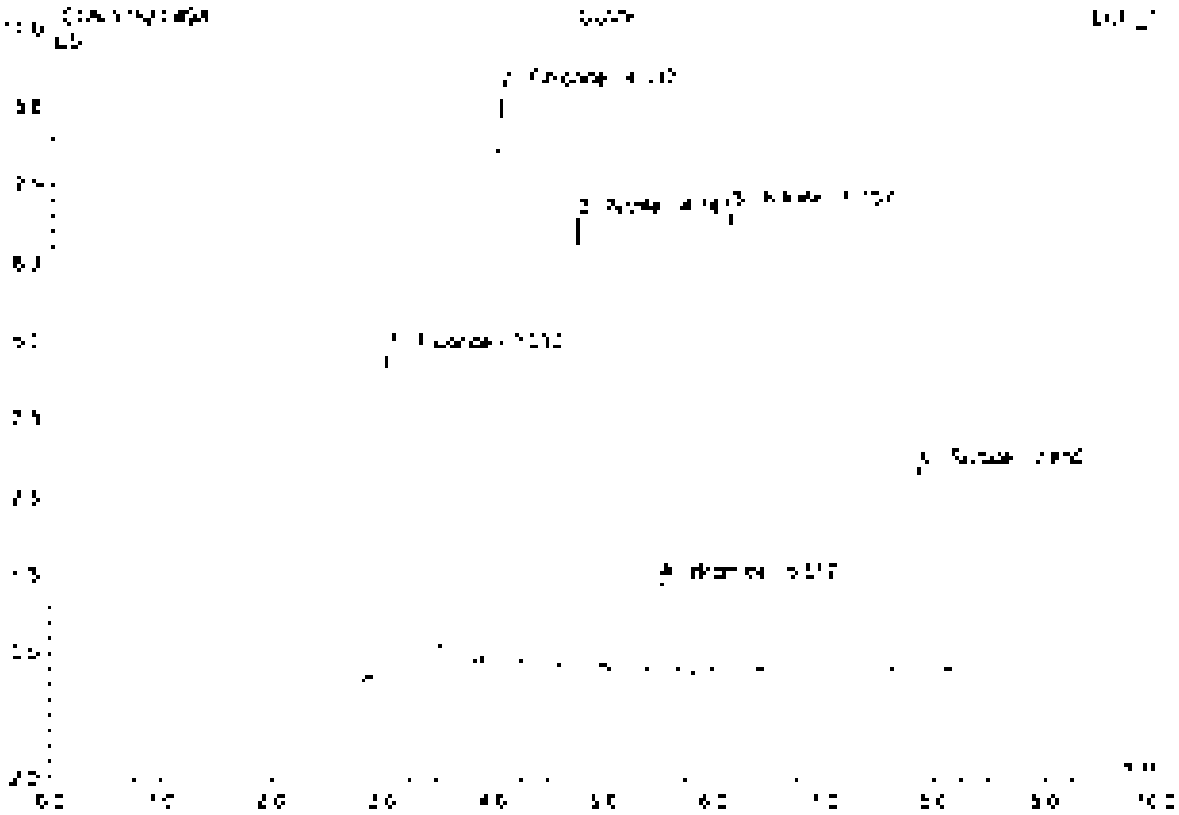
Sample Name	CCV9	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Column Program	epa300	Bandwidth	n.a.
Column Method	epa300	Dilution Factor	1.0000
Recording Time	9/16/2021 6:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.93	Fluoride	5.146	1.201	23.67	4.356	BMB*
2	4.94	Chloride	9.157	2.541	48.23	4.604	BMB*
3	4.75	Nitrite	5.204	0.330	6.46	2.472	BMB
4	5.52	Bromide	1.418	0.170	3.35	2.340	BMU
5	6.16	Nitrate	3.406	1.078	22.02	2.304	BMB
6	7.55	Sulfate	3.224	0.604	13.31	4.705	BMB
Total:			33.555	4.870	100.00	21.280	

98 CCV9

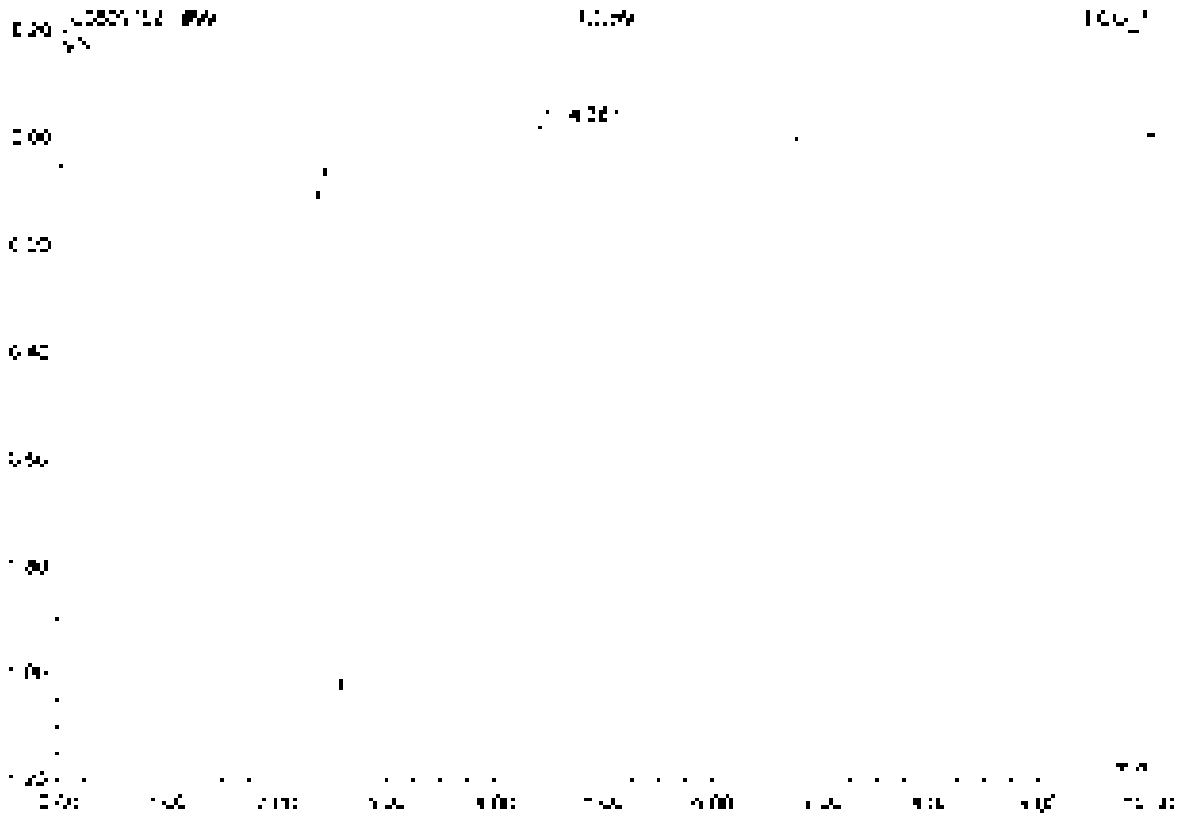
Sample Name	CCV9	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Original Filename	epa300	Bandwidth	n.a.
Current Method	epa300	Dilution Factor	1.0000
Recording Time	8/16/2021 5:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.33	Fluoride	5.174	[illegible].153	24.78	5.150	BMB
2	4.04	Chloride	9.150	6.837	17.90	4.582	BMB
3	4.75	Nitrite	7.204	6.881	18.90	2.472	BMB
4	5.52	Bromide	1.418	0.170	0.70	2.340	BMB
5	5.16	Nitrate	7.406	1.012	2[illegible].12	2.924	BMB
6	7.53	Sulfate	3.224	3.604	12.93	4.705	BMB
Total			33.576	4.673	100.00	21.554	

99 CCB9

Sample Name	CCB9	Injection Volume	25.0
Vial Number	#7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	[illegible]/2021 5:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	BV B
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

Metals

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

Preparation Information Benchsheet

Prep Run	[illegible]	**Prep Workflow**	[illegible]	**Status**	Prepped	**Prep Date**	[illegible]
Team	Metals	**Prep Method**	IPA CLP LMS[illegible]	**Current Step**	[illegible]	**Due Date**	09/20/2021
Analyst	Anna Meyer	**Rush/NPDES**	N/A			**Hold Date**	[illegible]

[illegible]

14 Total Samples [illegible] 10 Client Samples, 2 Client QC Samples, 2 Batch QC Samples associated with the current Prep Run

Spiking Solutions

Name	Type	ID	Expiration	Name	Type	ID	Expiration
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Materials

Step	Name	ID	Step	Name	ID
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Hardware / Equipment

Step	Name	Property	Value	Step	Name	Property	Value
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		

Preparation Steps

Step	Started	Completed	By	Assisted By	Status	Comments
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Comments

[illegible]

Review

[illegible]

ICP-MS LCSW AND SPIKING SOLUTIONS

A 20mL to 500mL Dilution of Inorganic Ventures ICP-C CV-1
Kimel 1/100 ICP-CICV-1

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Al	10000	100
Ag	1250	12.5
Ba	10000	100
Be	250	2.5
Ca	25000	250
Co	2500	25
Cu	1250	12.5
Cr	1000	10
Fe	5000	50
K	25000	250
Mg	25000	250
Mn	2500	25
Na	25000	250
Ni	2500	25
V	2500	25
Zn	2500	25

0.1mL to 100mL Dilution of 1000ppm Sb
Kimel 1µg/mL Sb

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Sb	100	10

5.00mL to 500mL Dilution of Inorganic Ventures ICP-C CV-3
Kimel 1/100 ICP-CICV-3

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
As	5000	50
Pb	5000	50
Se	5000	50
Tl	5000	50
Cd	2500	25

0.5mL to 100mL Dilution of 1000 ppm Mo in 1.000 ppm U
Kimel Mo/U 5ppm

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Mo	5000	25
U	5000	25

12 10 2 16 [illegible]

Preparation Information Batchsheet

Prep Run	386801	**Prep Workflow:**	Metals [illegible]	**Status**	Draft	**Prep Date**	05/07/2021 15:30
Team	Metals	**Prep Method:**	EPA CLP ILM04.0	**Current Step**	Digestion	**Due Date**	09/08/2021
Analyst	[illegible]	**Rush/NPDES:**	N/A			**Hold Date**	02/23/2022

[illegible]

[illegible]

14 Total Samples consisting of 10 Client Samples, 2 Client QC Samples, 2 Batch QC Samples associated with the current Prep Run

Spiking Solutions

Name	Type	ID	Expires	Name	Type	ID	Expires
[illegible]	Stock	[illegible]	[illegible]	[illegible]	Stock	[illegible]	[illegible]
[illegible]	Stock	[illegible]	[illegible]	[illegible]	Stock	[illegible]	[illegible]

Preparation Materials

Preparation Hardware / Equipment

Preparation Steps

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]					[illegible]	

Comments

[illegible]

Review

[illegible] [illegible]

Service Request #: ~~K2110138~~; K2110380, K2110139; K2110140
Calibration: 092021CICPMS06
ALS LIMS Run# 739349
Pipette IDs: 16006318, 19070685, 18010244
Pipette Check Due: 11/19/21
Cal Std: MS28-60-K
ICV Std: MS28-59-D
LLICV Std: MS28-59-E
I.S. Solution: MS28-47-F
Tune Std: MS28-3-A
ICSA: MS28-59-F
ICSAB: MS28-59-G

ICP-MS Data Review Form

		Yes	No	NA
1.	Appropriate standardization completed	X		
2.	ICV in control (+/- 10%)	X		
3	CCV's in control (+/- 10%)	X		
4.	ICB/CCB's below MRL	X		
5	LLICV standard analyzed and in control	X		
6.	ICS standards within 20% of true value	X		
6	All analytes within instrument linear range	X		
7	Adequate rinse out time allowed	X		
8	Internal standards in control	X		
9	Interferences checked	X		
10	Was the run terminated? If so, why		X	

See Benchsheet exception report for sample batch QC information.
Comments

Prep Batches: ~~386798~~, 387077, 387078, 386800, 386801

Primary Review by _____ Date _____

Secondary Review by _____ Date _____

Data Review Form

Instrument ID# K-ICP-MS-06
DataFile Name R:\ICP\WIP\DATA\K-ICP-MS-06 (Agilent 7800)\082021C.csv
RUNNO: 739349

K2110138

No exceptions to report.

K2110139

No exceptions to report.

K2110140

K2110140-001P5 - Metals T -

PS Recovery
5020A/Metals T 56 Fe [He] Recovery 71 Limits 50 - 120
5020A/Metals D 56 Fe [He] Recovery 71 Limits 50 - 120

K2110360

No exceptions to report.

Primary Approver
Secondary Approver

Page 1 of 1

	Sampler		Data File	Acq. Date-Time	Type	L	Sample Name	Co	Vial N
1			001SMPL	2021-09-20 2:21:36 P	Sample		Primer	5X	1410
2			002SMPL	2021-09-20 2:32:35 P	Sample		Primer	5X	1411
3			003SMPL	2021-09-20 2:44:21 P	Sample		Primer	5X	1412
4			004SMPL	2021-09-20 2:55:44 P	Sample		Primer	5X	1507
5			005CALIB	2021-09-20 2:07:07 P	CalBlk		Blank		2
6			006CALIB	2021-09-20 2:08:30 P	CalBlk		Blank		1
7			007CALIB	2021-09-20 2:09:52 P	CalBlk		Blank		1
8			008CALIB	2021-09-20 2:11:16 P	CalBlk		Blank		2
9			009 CCV	2021-09-20 2:12:36 P	CCV		CCV		2
10			010 CCV	2021-09-20 2:14:02 P	CCV		CCV		2
11			011 CCB	2021-09-20 2:15:25 P	CCB		CCB		1
12			012 CCB	2021-09-20 2:16:49 P	CCB		CCB		1
13			013 CCV	2021-09-20 2:18:13 P	CCV		CCV		2
14			014	2021-09-20 2:19:36 P	ICSA		ICSA		2
15			015	2021-09-20 2:20:56 P	ICSAB		ICSAB		2
16			016SMPL	2021-09-20 2:22:20 P	Sample		MW-510		2
17			017 MBLK	2021-09-20 2:23:41 P	MB		KQ21-0256-01		10
18			018 LCS	2021-09-20 2:33:42 P	LCS		KQ21-0256-02		1
19			019 ARR	2021-09-20 2:35:05 P	Arr Std		K21-0138-001	5X	1
20			020SMPL	2021-09-20 2:36:28 P	Sample		KQ21-0256-03	5X	1401
21			021SMPL	2021-09-20 2:37:50 P	Sample		K21-0138-001	25X	1402
22			022 MSA	2021-09-20 2:39:14 P	MSB		K21-0138-001	5X	1403
23			023 SPK	2021-09-20 2:40:37 P	Spike		KQ21-0256-04	5X	1404
24			024SMPL	2021-09-20 2:41:59 P	Sample		K21-0138-003	5X	1405
25			025SMPL	2021-09-20 2:43:21 P	Sample		K21-0138-002	5X	1406
26			026SMPL	2021-09-20 2:44:45 P	Sample		K21-0138-005	5X	1407
27			027 CCV	2021-09-20 2:46:08 P	CCV		CCV		2
28			028 CCB	2021-09-20 2:47:31 P	CCB		CCB		1
29			029SMPL	2021-09-20 2:48:58 P	Sample		K21-0138-002	5X	1408
30			030SMPL	2021-09-20 2:50:20 P	Sample		K21-0138-001	5X	1409
31			031SMPL	2021-09-20 2:51:43 P	Sample		K21-0138-007	0.5	1410
32			032SMPL	2021-09-20 2:53:05 P	Sample		K21-0138-008	0.5	1411
33			033SMPL	2021-09-20 2:54:29 P	Sample		K21-0138-003	0.5	1412
34			034SMPL	2021-09-20 2:55:51 P	Sample		K21-0138-004	0.5	1501
35			035SMPL	2021-09-20 2:57:14 P	Sample		K21-0138-005	0.5	1502

	Sample								
	Tp	Hyd	Data File	Acq Date-Time	Type	L	Sample Name	Dil	Vial N
36			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
37			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
38			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
39			039 CCV	2021 09 20 3 02 45 P	CCV		CCV		2
40			040 CCB	2021 09 20 3 04 09 P	CCB		CCB		1
41			[illegible]	2021 09 20 3 05 32 P	Samp		[illegible]	[illegible]	[illegible]
42			042 CCV	2021 09 20 3 06 55 P	CCV		CCV		2
43			043 CCB	2021 09 20 3 08 19 P	CCB		CCB		1
44			[illegible]	[illegible]	LLCCV		LLCCV		2103
45			[illegible]	[illegible]	PIL		[illegible]		[illegible]
46			[illegible]	[illegible]	LCS		[illegible]		[illegible]
47			[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
48			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
49			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
50			[illegible]	[illegible]	PDS		[illegible]	[illegible]	[illegible]
51			[illegible]	[illegible]	Spike		[illegible]	[illegible]	[illegible]
52			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
53			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
54			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
55			[illegible]	[illegible]	CCV		CCV		2
56			[illegible]	[illegible]	CCB		CCB		1
57			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
58			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
59			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
60			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
61			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
62			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
63			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
64			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
65			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
66			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
67			[illegible]	[illegible]	CCV		CCV		2
68			[illegible]	[illegible]	CCB		CCB		1
69			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
70			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]

	Sample Type	Hyd	Data File	Acq Date-Time	Type	L	Sample Name	Dil	Vol. In
71		☐	[illegible]	2021-09-20 3:46:45 P	Samp		[illegible]	[illegible]	[illegible]
72		☐	[illegible]	2021-09-20 3:48:[illegible] P	Samp		[illegible]	[illegible]	3300
73		☐	073 CCV	2021-09-20 3:49:41 P	CCV		CCV		2
74		☐	074 CCB	2021-09-20 3:51:05 P	CCB		CCB		1
75		☐	075LCCV	2021-09-20 3:52:29 P	LCCV		LCCVW		2102
76		☐	076 PB u	2021-09-20 3:53:52 P	PB		[illegible]		[illegible]
77		☐	077 LCS u	2021-09-20 3:55:15 P	LCS		[illegible]		[illegible]
78		☐	078 AvPal u	2021-09-20 3:56:[illegible] P	AvPal		[illegible]	5X	3209
79		☐	079SMPL	2021-09-20 3:57:59 P	Samp		[illegible]	5X	[illegible]
80		☐	080SMPL	2021-09-20 3:59:22 P	Samp		[illegible]	25X	[illegible]
81		☐	081 PDS 1	2021-09-20 4:00:45 P	PDS		[illegible]	5X	[illegible]
82		☐	082 SPX u	2021-09-20 4:02:08 P	Spike		[illegible]	5X	3301
83		☐	083SMPL	2021-09-20 4:03:31 P	Samp		[illegible]	5X	3302
84		☐	084SMPL	2021-09-20 4:04:54 P	Samp		[illegible]	5X	3303
85		☐	085SMPL	2021-09-20 4:06:15 P	Samp		[illegible]	5X	3304
86		☐	086 CCV	2021-09-20 4:07:42 P	CCV		CCV		2
87		☐	087 CCB	2021-09-20 4:09:03 P	CCB		CCB		1
88		☐	088SMPL	2021-09-20 4:10:27 P	Samp		[illegible]	5X	3305
89		☐	089SMPL	2021-09-20 4:11:49 P	Samp		[illegible]	5X	3306
90		☐	090SMPL	2021-09-20 4:13:17 P	Samp		[illegible]	5X	3307
91		☐	091SMPL	2021-09-20 4:14:32 P	Samp		[illegible]	5X	3308
92		☐	092SMPL	2021-09-20 4:15:55 P	Samp		[illegible]	5X	3309
93		☐	093SMPL	2021-09-20 4:17:19 P	Samp		[illegible]	5X	3310
94		☐	094SMPL	2021-09-20 4:18:42 P	Samp		[illegible]	5X	3311
95		☐	095SMPL	2021-09-20 4:20:05 P	Samp		[illegible]	5X	3312
96		☐	096SMPL	2021-09-20 4:21:28 P	Samp		[illegible]	5X	3401
97		☐	097 CCV	2021-09-20 4:22:51 P	CCV		CCV		2
98		☐	098 CCB	2021-09-20 4:24:14 P	CCB		CCB		1
99		☐	099LCCV	2021-09-20 4:25:38 P	LCCV		LCCVW		2102
100		☐	100 PB u	2021-09-20 4:27:01 P	PB		[illegible]		3402
101		☐	101 LCS u	2021-09-20 4:28:24 P	LCS		[illegible]		3403
102		☐	102 AvPal u	2021-09-20 4:29:46 P	AvPal		[illegible]	5X	3404
103		☐	103SMPL	2021-09-20 4:31:08 P	Samp		[illegible]	5X	3405
104		☐	104SMPL	2021-09-20 4:32:31 P	Samp		[illegible]	25X	3406
105		☐	105 PDS 1	2021-09-20 4:33:53 P	PDS		[illegible]	5X	3407

	Sample								
	Type	Hyd	Data File	Acq Date-Time	Type	L	Sample Name	Co	Vial N.
106	*	[illegible]	106 SPIKE	2021-09-20 4:33:[illegible] P	Spike		[illegible]	5X	3408
107		[illegible]	107SMPL	2021-09-20 4:36:40 P	Sample		[illegible]	5X	3409
108		[illegible]	108SMPL	2021-09-20 4:38:03 P	Sample		[illegible]	5X	3410
109		[illegible]	109SMPL	2021-09-20 4:39:26 P	Sample		[illegible]	5X	3411
110		[illegible]	110 CCV	2021-09-20 4:40:50 P	CCV		CCV		2
111		[illegible]	111 CCB	2021-09-20 4:42:[illegible] P	CCB		CCB		1
112		[illegible]	112SMPL	2021-09-20 4:43:36 P	Sample		[illegible]	5X	3412
113		[illegible]	113SMPL	2021-09-20 4:44:58 P	Sample		[illegible]	5X	3501
114		[illegible]	114SMPL	2021-09-20 4:46:20 P	Sample		[illegible]	5X	3502
115		[illegible]	115SMPL	2021-09-20 4:47:42 P	Sample		[illegible]	0.5	3503
116		[illegible]	116SMPL	2021-09-20 4:49:05 P	Sample		[illegible]	0.5	3504
117		[illegible]	117SMPL	2021-09-20 4:50:27 P	Sample		[illegible]	0.5	3505
118		[illegible]	118SMPL	2021-09-20 4:51:50 P	Sample		[illegible]	0.5	3506
119		[illegible]	119SMPL	2021-09-20 4:53:13 P	Sample		[illegible]	0.5	3507
120		[illegible]	120SMPL	2021-09-20 4:54:36 P	Sample		[illegible]	0.5	3508
121		[illegible]	121SMPL	2021-09-20 4:55:58 P	Sample		[illegible]	0.5	3509
122		[illegible]	122 CCV	2021-09-20 4:57:21 P	CCV		CCV		2
123		[illegible]	123 CCB	2021-09-20 4:58:45 P	CCB		CCB		1
124		[illegible]	124SMPL	2021-09-20 5:00:08 P	Sample		[illegible]	0.5	3510
125		[illegible]	125SMPL	2021-09-20 5:01:31 P	Sample		[illegible]	0.5	3511
126			126SMPL	2021-09-20 5:02:54 P	Sample		[illegible]	0.5	3512
127		[illegible]	127 CCV	2021-09-20 5:04:15 P	CCV		CCV		2
128		[illegible]	128 CCB	2021-09-20 5:05:41 P	CCB		CCB		1
129		[illegible]	129LCCV	2021-09-20 5:07:04 P	LCCV		LCCVW		3102
130		[illegible]	130 PBLK	2021-09-20 5:08:27 P	PBLK		[illegible]		3101
131		[illegible]	131 LCS	2021-09-20 5:09:50 P	LCS		[illegible]		3102
132		[illegible]	132 AHPK	2021-09-20 5:11:12 P	AHPK		[illegible]	5X	3103
133		[illegible]	133SMPL	2021-09-20 5:12:35 P	Sample		[illegible]	5X	3104
134		[illegible]	134SMPL	2021-09-20 5:13:57 P	Sample		[illegible]	25X	3105
135	*	[illegible]	135 PDS	2021-09-20 5:15:19 P	PDS		[illegible]	5X	3106
136	*	[illegible]	136 SPIKE	2021-09-20 5:16:41 P	Spike		[illegible]	5X	3107
137		[illegible]	137SMPL	2021-09-20 5:18:03 P	Sample		[illegible]	5X	3108
138		[illegible]	138SMPL	2021-09-20 5:19:25 P	Sample		[illegible]	5X	3109
139		[illegible]	139SMPL	2021-09-20 5:20:48 P	Sample		[illegible]	5X	3110
140		[illegible]	140 CCV	2021-09-20 5:22:12 P	CCV		CCV		2

Samples

	Type	Acq. Date-Time	Sample Name	Vial
141	CCB	2021-09-20 5:23:36 PM	CCB	1
142	Samp	2021-09-20 5:24:58 PM	[illegible]	[illegible]
143	Samp	2021-09-20 5:26:21 PM	[illegible]	[illegible]
144	Samp	2021-09-20 5:27:43 PM	[illegible]	[illegible]
145	Samp	2021-09-20 5:29:05 PM	[illegible]	[illegible]
146	Samp	2021-09-20 5:30:27 PM	[illegible]	[illegible]
147	Samp	2021-09-20 5:31:49 PM	[illegible]	[illegible]
148	Samp	2021-09-20 5:33:12 PM	[illegible]	[illegible]
149	Samp	2021-09-20 5:34:34 PM	[illegible]	[illegible]
150	Samp	2021-09-20 5:35:57 PM	[illegible]	[illegible]
151	Samp	2021-09-20 5:37:20 PM	[illegible]	[illegible]
152	CCV	2021-09-20 5:38:44 PM	CCV	2
153	CCB	2021-09-20 5:40:06 PM	CCB	1
154	Samp	2021-09-20 5:41:30 PM	[illegible]	[illegible]
155	Samp	2021-09-20 5:42:52 PM	[illegible]	[illegible]
156	Samp	2021-09-20 5:44:15 PM	[illegible]	[illegible]
157	CCV	2021-09-20 5:45:39 PM	CCV	2
158	CCB	2021-09-20 5:47:02 PM	CCB	1
159	LCCV	2021-09-20 5:48:27 PM	LCCV	21ul

Analyte

	Name	Mass	RT	Tune Mode	Units	Replicate
1	Mn	55	72	He	ug/l	3
2	Fe	56	72	He	ug/l	3
3	As	75	72	He	ug/l	3
4	Mo	95	115	He	ug/l	3
5	Mo	98	115	He	ug/l	3
6	Se	45		He		1
7	Ga	72		He		1
8	[illegible]	[illegible]		He		1

US EPA Tune Check Report

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US EPA Tune Check Report

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Initial Calibration Verification (ICV) Report

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Continuing Calibration Verification (CCV) Report

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Initial Calibration Blank (ICB) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Initial Calibration Verification (LLICV) Report

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Prep Blank (PB) Report

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QC Sample Table

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QC [illegible] Table

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Laboratory Control Sample (LCS) Report

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Sample Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Reference Sample Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Sample Report

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Name	Mass	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
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Name	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Name	Value	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

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Name	Mass	RSD	Type	Conc	Units	Conc RSD	CPS	QC Pass
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

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Name	Mass	Type Mass	CPS	CPS RSD	Net CPS	% Rec	QC Pass
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

[illegible]

Name	Vial	Vol	Type	Conc	Conc RSD	CPS	QC Flag
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

[illegible]

Name	Vial	Type Mass	CPS	CPS RSD	Net CPS	% Mass	QC Flag
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Continuing Calibration Verification (CCV) Report

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Continuing Calibration Blank (CCB) Report

[illegible]

Name	Range	[illegible]	Peak Mode	Conc	[illegible]	Conc RSD	CPS	QC Flag
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

[illegible]

Name	Mass	[illegible]	CPS	CPS RSD	Net CPS	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Low Level Continuing Calibration Verification (LLCCV) Report

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

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Prep Blank (PB) Report

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Name	Mass	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

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Name	Mass	[illegible]	CPS	CPS RSD	% CPS	% Rec	QC Flag
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Laboratory Control Sample (LCS) Report

[illegible]

Name	Height	[illegible]	Type	Conc	Units	Conc RSD	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

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Name	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Name	Mass	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	QC Flag
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Name	Mass	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	QC Flag
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
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Name	Value	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Name	Value	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Reference Sample Report

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[illegible]

Name	Value	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Post Digestion Spike Sample (PDS) Report

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Hatna Soke Sample (M5) Report

[illegible]

Name	Value	Type	Conc.	Units	Conc. RSD	CFS	Conc. Acc.	% Rec	Flag
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[illegible]	[illegible]	[illegible]	[illegible]	µg/l	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	µg/l	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	µg/l	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	µg/l	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

Name	Value	Type Name	CFS	CFS RSD	Net CFS	% Rec	QC Flag
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]

Name	Value	[illegible]	Type	Conc	[illegible]	Conc RSD	DF	QC Flag
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

[illegible]

Name	Value	Conc Units	[illegible]	[illegible]	[illegible]	[illegible]	QC Flag
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Continuing Calibration Verification (CCV) Report

[illegible]

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

[illegible]

Name	Value	Time Stamp	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Continuing Calibration Blank (CCB) Report

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

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Sample Report

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

Name	Mass	RSD	Type	Conc.	Units	Conc RSD	CPS	QC Flag
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

[illegible]

Name	Mass	Time Mode	CPS	CPS RSD	Ref CPS	% Rec	QC Flag
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

[illegible]

Analyte	Mapping	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

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Name	Value
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[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

QC Analyte Values

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Sample Report

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Sample Report

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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F : +1 360 636 1068
www.alsglobal.com

September 27, 2021

Analytical Report for Service Request No: K2110356

Jessica Goin
Anchor QEA, LLC
421 SW Sixth Ave.
Suite 750
Portland, OR 97204

RE: Grumman Road Treatability

Dear Jessica,

Enclosed are the results of the sample(s) submitted to our laboratory September 07, 2021
For your reference, these analyses have been assigned our service request number **K2110356.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3376. You may also contact me via email at Mark.Harris@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Kelley Lovejoy

for Mark Harris
Project Manager

RIGHT SOLUTIONS | RIGHT PARTNER

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Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Case Narrative

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Client: Anchor QEA, LLC
Project: Grumman Road Treatability
Sample Matrix: Water

Service Request: K2110356
Date Received: 09/07/2021

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.

Sample Receipt:

Twenty water samples were received for analysis at ALS Environmental on 09/07/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

General Chemistry:

No significant anomalies were noted with this analysis.

Approved by Kelley Lovejoy Date 09/27/2021

Chain of Custody

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ALS Environmental

CHAIN OF CUSTODY

CHAIN OF CUSTODY

Cooler Receipt and Preservation Form

Client Anchor Service Request K21 [illegible]

Received 9.7.21 Opened 9.7.21 By [illegible] Unloaded 9.7.21 By [illegible]

1. Custody seals intact on cooler? Yes Fed Ex UPS USPS Courier Hand Delivered
2. Custody seals intact on sample bottles? Yes Bag Envelope Other N/A
3. Were custody papers included with the cooler? N/A Y N If no, fill out a chain of custody form
   Were custody papers properly completed? Y N If present, were they signed and dated? Y N
5. Was a temperature blank present in the cooler? N/A Y N If no, notify the project manager before sample receipt
   If no, was the temperature of a representative sample bottle recorded within the cooler, and was it within the acceptable range?
6. Were samples received within the method specified temperature range? N/A Y N
   Were samples received on ice and same day as collected? If not, notify the project manager and note below. N/A Y N
8. If applicable, were samples received intact? Frozen Partially Thawed Thawed

Temp Blank	Sample Temp	IR Gun	Cooler #/COC ID	Out of temp indicating with "T"	PM Notified If out of temp	Tracking Number
4.4		1.6				

9. Did samples arrive in: Jacket Bubble Wrap Foil Pouch Bag Air Other
10. Were custody papers properly filled out (ink, signed, etc.)? N/A Y N
12. Were samples received in good condition (unbroken)? N/A Y N
13. Were all sample labels complete (date, time, preservation, etc.)? N/A Y N
14. Did all sample labels agree with custody papers? N/A Y N
15. Were appropriate bottles/containers and volumes received for the tests indicated? N/A Y N
16. Were the pH-preserved bottles (see SOP II.A.16) received at the appropriate pH? Indicate in the table below. N/A Y N
17. Were VOA vials received without headspace? Indicate in the table below. N/A Y N
18. Was C12/Res negative? N/A Y N

Sample ID on Bottle	Sample ID on COC	Identified by

Sample ID	Bottle Count Bottle Type	Head-space	Broke	pH	Reagent	Volume added	Reagent Lot Number	Initials	Time

Notes, Discrepancies, Resolutions

General Chemistry

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/3/21
Sample Matrix:	Water	**Date Received:**	09/7/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Sulfate

Sample Name	Lab Code	Result	MRL	MDL	Dil.	Date Analyzed	Q
GR_GWC_20_116	K2110356-001	**972**	40	4	200	09/17/21 12:30	
GR_GWC_20_216	K2110356-003	**935**	40	4	200	09/17/21 12:42	
GR_GWC_20_1216	K2110356-004	**959**	40	4	200	09/17/21 12:53	
GR_GWC_20_316	K2110356-005	**942**	40	4	200	09/17/21 14:43	
GR_GWC_20_117	K2110356-007	**988**	40	4	200	09/17/21 14:55	
GR_GWC_20_217	K2110356-009	**997**	40	4	200	09/17/21 15:06	
GR_GWC_20_1217	K2110356-010	**997**	40	4	200	09/17/21 15:18	
GR_GWC_20_317	K2110356-011	**986**	40	4	200	09/17/21 15:30	
GR_GWC_20_123	K2110356-019	**959**	40	4	200	09/17/21 15:41	
Method Blank	K2110356-MB1	ND U	0.20	0.02	1	09/16/21 14:34	
Method Blank	K2110356-MB2	ND U	0.20	0.02	1	09/17/21 00:52	
Method Blank	K2110356-MB3	ND U	0.20	0.02	1	09/17/21 14:32	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Analyzed:**	09/16/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Sulfate

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	739052

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2110356-LCS1	4.81	5.00	96	90-110
Lab Control Sample	K2110356-LCS2	4.87	5.00	97	90-110

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Analyzed:**	09/17/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Sulfate

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	739123

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2110356-LCS3	4.82	5.00	96	90-110

Client: Anchor QEA, LLC **Service Request:** K2110356
Project: Grumman Road Treatability

Continuing Calibration Verification (CCV) Summary

Sulfate

Analysis Method: 300.0 **Units:** mg/L

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	739052	KQ2118179-01	09/16/21 14:00	5.00	4.77	95	90-110
CCV2	739052	KQ2118179-02	09/16/21 18:08	5.00	4.84	97	90-110
CCV3	739052	KQ2118179-03	09/16/21 21:11	5.00	4.70	94	90-110
CCV4	739052	KQ2118179-04	09/16/21 23:30	5.00	4.73	95	90-110
CCV5	739052	KQ2118179-05	09/17/21 01:51	5.00	4.87	97	90-110
CCV6	739052	KQ2118179-06	09/17/21 10:43	5.00	4.81	96	90-110
CCV7	739052	KQ2118179-07	09/17/21 13:05	5.00	4.94	99	90-110
CCV8	739123	KQ2118288-01	09/17/21 13:57	5.00	4.80	96	90-110
CCV9	739123	KQ2118288-02	09/17/21 16:16	5.00	5.05	101	90-110
CCV10	739123	KQ2118288-03	09/17/21 18:57	5.00	5.02	100	90-110
CCV11	739123	KQ2118288-04	09/17/21 20:08	5.00	4.95	99	90-110

Client: Anchor QEA, LLC **Service Request:**K2110356
Project: Grumman Road Treatability

Continuing Calibration Blank (CCB) Summary
Sulfate

Analysis Method: 300.0 **Units:**mg/L

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	739052	KQ2118179-08	09/16/21 14:11	0.20	0.02	ND	U
CCB2	739052	KQ2118179-09	09/16/21 18:20	0.20	0.02	ND	U
CCB3	739052	KQ2118179-10	09/16/21 21:22	0.20	0.02	ND	U
CCB4	739052	KQ2118179-11	09/16/21 23:42	0.20	0.02	ND	U
CCB5	739052	KQ2118179-12	09/17/21 02:03	0.20	0.02	ND	U
CCB6	739052	KQ2118179-13	09/17/21 10:55	0.20	0.02	ND	U
CCB7	739052	KQ2118179-14	09/17/21 13:17	0.20	0.02	ND	U
CCB8	739123	KQ2118288-05	09/17/21 14:08	0.20	0.02	ND	U
CCB9	739123	KQ2118288-06	09/17/21 16:28	0.20	0.02	ND	U
CCB10	739123	KQ2118288-07	09/17/21 19:09	0.20	0.02	ND	U
CCB11	739123	KQ2118288-08	09/17/21 20:19	0.20	0.02	ND	U

Metals

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 08:40
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_116	**Basis:**	NA
Lab Code:	K2110356-001		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**4.4**	ug/L	2.5	0.5	5	09/27/21 14:35	09/13/21	
Iron	6020A	**24**	ug/L	10	2	5	09/27/21 14:35	09/13/21	
Molybdenum	6020A	**522**	ug/L	0.50	0.15	5	09/27/21 14:35	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 08:40
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_116	**Basis:**	NA
Lab Code:	K2110356-001		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**40.2**	ug/L	2.5	0.5	5	09/27/21 13:13	09/13/21	
Iron	6020A	**694**	ug/L	10	2	5	09/27/21 13:13	09/13/21	
Molybdenum	6020A	**545**	ug/L	0.50	0.15	5	09/27/21 13:13	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 08:45
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_1116	**Basis:**	NA
Lab Code:	K2110356-002		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**11.4**	ug/L	2.5	0.5	5	09/27/21 14:42	09/13/21	
Iron	6020A	**25**	ug/L	10	2	5	09/27/21 14:42	09/13/21	
Molybdenum	6020A	**536**	ug/L	0.50	0.15	5	09/27/21 14:42	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 08:50
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_216	**Basis:**	NA
Lab Code:	K2110356-003		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**14.8**	ug/L	2.5	0.5	5	09/27/21 14:43	09/13/21	
Iron	6020A	**19**	ug/L	10	2	5	09/27/21 14:43	09/13/21	
Molybdenum	6020A	**529**	ug/L	0.50	0.15	5	09/27/21 14:43	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 08:50
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_216	**Basis:**	NA
Lab Code:	K2110356-003		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**43.9**	ug/L	2.5	0.5	5	09/27/21 13:20	09/13/21	
Iron	6020A	**395**	ug/L	10	2	5	09/27/21 13:20	09/13/21	
Molybdenum	6020A	**555**	ug/L	0.50	0.15	5	09/27/21 13:20	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 08:55
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_1216	**Basis:**	NA
Lab Code:	K2110356-004		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**16.7**	ug/L	2.5	0.5	5	09/27/21 14:44	09/13/21	
Iron	6020A	**17**	ug/L	10	2	5	09/27/21 14:44	09/13/21	
Molybdenum	6020A	**529**	ug/L	0.50	0.15	5	09/27/21 14:44	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 08:55
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_1216	**Basis:**	NA
Lab Code:	K2110356-004		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**49.1**	ug/L	2.5	0.5	5	09/27/21 13:21	09/13/21	
Iron	6020A	**386**	ug/L	10	2	5	09/27/21 13:21	09/13/21	
Molybdenum	6020A	**560**	ug/L	0.50	0.15	5	09/27/21 13:21	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 09:10
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_316	**Basis:**	NA
Lab Code:	K2110356-005		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**20.6**	ug/L	2.5	0.5	5	09/27/21 14:48	09/13/21	
Iron	6020A	**15**	ug/L	10	2	5	09/27/21 14:48	09/13/21	
Molybdenum	6020A	**519**	ug/L	0.50	0.15	5	09/27/21 14:48	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 09:10
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_316	**Basis:**	NA
Lab Code:	K2110356-005		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**86.8**	ug/L	2.5	0.5	5	09/27/21 13:22	09/13/21	
Iron	6020A	**842**	ug/L	10	2	5	09/27/21 13:22	09/13/21	
Molybdenum	6020A	**565**	ug/L	0.50	0.15	5	09/27/21 13:22	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 09:15
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_1316	**Basis:**	NA
Lab Code:	K2110356-006		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**19.1**	ug/L	2.5	0.5	5	09/27/21 14:50	09/13/21	
Iron	6020A	**17**	ug/L	10	2	5	09/27/21 14:50	09/13/21	
Molybdenum	6020A	**559**	ug/L	0.50	0.15	5	09/27/21 14:50	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 10:00
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_117	**Basis:**	NA
Lab Code:	K2110356-007		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**1.4**	ug/L	2.5	0.5	5	09/27/21 14:51	09/13/21	**J**
Iron	6020A	**37**	ug/L	10	2	5	09/27/21 14:51	09/13/21	
Molybdenum	6020A	**527**	ug/L	0.50	0.15	5	09/27/21 14:51	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 10:00
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_117	**Basis:**	NA
Lab Code:	K2110356-007		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**28.6**	ug/L	2.5	0.5	5	09/27/21 13:27	09/13/21	
Iron	6020A	**2450**	ug/L	10	2	5	09/27/21 13:27	09/13/21	
Molybdenum	6020A	**542**	ug/L	0.50	0.15	5	09/27/21 13:27	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 10:05
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_1117	**Basis:**	NA
Lab Code:	K2110356-008		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**1.1 J**	ug/L	2.5	0.5	5	09/27/21 14:53	09/13/21	
Iron	6020A	**13**	ug/L	10	2	5	09/27/21 14:53	09/13/21	
Molybdenum	6020A	**521**	ug/L	0.50	0.15	5	09/27/21 14:53	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 10:15
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_217	**Basis:**	NA
Lab Code:	K2110356-009		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**1.2 J**	ug/L	2.5	0.5	5	09/27/21 14:54	09/13/21	
Iron	6020A	**20**	ug/L	10	2	5	09/27/21 14:54	09/13/21	
Molybdenum	6020A	**522**	ug/L	0.50	0.15	5	09/27/21 14:54	09/13/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 10:15
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_217	**Basis:**	NA
Lab Code:	K2110356-009		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**12.2**	ug/L	2.5	0.5	5	09/27/21 13:28	09/13/21	
Iron	6020A	**1060**	ug/L	10	2	5	09/27/21 13:28	09/13/21	
Molybdenum	6020A	**541**	ug/L	0.50	0.15	5	09/27/21 13:28	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 10:20
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_1217	**Basis:**	NA
Lab Code:	K2110356-010		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**1.0 J**	ug/L	2.5	0.5	5	09/27/21 14:55	09/13/21	
Iron	6020A	**22**	ug/L	10	2	5	09/27/21 14:55	09/13/21	
Molybdenum	6020A	**525**	ug/L	0.50	0.15	5	09/27/21 14:55	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 10:20
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_1217	**Basis:**	NA
Lab Code:	K2110356-010		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**8.0**	ug/L	2.5	0.5	5	09/27/21 13:29	09/13/21	
Iron	6020A	**663**	ug/L	10	2	5	09/27/21 13:29	09/13/21	
Molybdenum	6020A	**540**	ug/L	0.50	0.15	5	09/27/21 13:29	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 10:35
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_317	**Basis:**	NA
Lab Code:	K2110356-011		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**1.1**	**J**	ug/L	2.5	0.5	5	09/27/21 14:57	09/13/21	
Iron	6020A	**10**	**J**	ug/L	10	2	5	09/27/21 14:57	09/13/21	
Molybdenum	6020A	**528**		ug/L	0.50	0.15	5	09/27/21 14:57	09/13/21	

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 10:35
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_317	**Basis:**	NA
Lab Code:	K2110356-011		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**8.6**	ug/L	2.5	0.5	5	09/27/21 13:31	09/13/21	
Iron	6020A	**675**	ug/L	10	2	5	09/27/21 13:31	09/13/21	
Molybdenum	6020A	**557**	ug/L	0.50	0.15	5	09/27/21 13:31	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 10:40
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_1317	**Basis:**	NA
Lab Code:	K2110356-012		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**1.0 J**	ug/L	2.5	0.5	5	09/27/21 14:58	09/13/21	
Iron	6020A	**16**	ug/L	10	2	5	09/27/21 14:58	09/13/21	
Molybdenum	6020A	**518**	ug/L	0.50	0.15	5	09/27/21 14:58	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 11:25
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_119	**Basis:**	NA
Lab Code:	K2110356-013		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	13	2	5	09/27/21 15:00	09/13/21	
Iron	6020A	ND	U	ug/L	50	8	5	09/27/21 15:00	09/13/21	
Manganese	6020A	**33000**		ug/L	5.0	1.0	5	09/27/21 15:00	09/13/21	
Molybdenum	6020A	ND	U	ug/L	2.5	0.8	5	09/27/21 15:00	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 11:25
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_119	**Basis:**	NA
Lab Code:	K2110356-013		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**11**	**J**	ug/L	13	2	5	09/27/21 13:32	09/13/21	
Iron	6020A	ND	U	ug/L	50	8	5	09/27/21 13:32	09/13/21	
Molybdenum	6020A	**1.3**	**J**	ug/L	2.5	0.8	5	09/27/21 13:32	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 11:30
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_1119	**Basis:**	NA
Lab Code:	K2110356-014		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	13	2	5	09/27/21 15:01	09/13/21	
Iron	6020A	ND	U	ug/L	50	8	5	09/27/21 15:01	09/13/21	
Manganese	6020A	**34600**		ug/L	5.0	1.0	5	09/27/21 15:01	09/13/21	
Molybdenum	6020A	ND	U	ug/L	2.5	0.8	5	09/27/21 15:01	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 11:45
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_219	**Basis:**	NA
Lab Code:	K2110356-015		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	13	2	5	09/27/21 15:06	09/13/21	
Iron	6020A	ND	U	ug/L	50	8	5	09/27/21 15:06	09/13/21	
Manganese	6020A	**82300**		ug/L	5.0	1.0	5	09/27/21 15:06	09/13/21	
Molybdenum	6020A	ND	U	ug/L	2.5	0.8	5	09/27/21 15:06	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 11:45
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_219	**Basis:**	NA
Lab Code:	K2110356-015		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	13	2	5	09/27/21 13:33	09/13/21	
Iron	6020A	ND	U	ug/L	50	8	5	09/27/21 13:33	09/13/21	
Molybdenum	6020A	ND	U	ug/L	2.5	0.8	5	09/27/21 13:33	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 11:30
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_1219	**Basis:**	NA
Lab Code:	K2110356-016		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	13	2	5	09/27/21 15:08	09/13/21	
Iron	6020A	ND	U	ug/L	50	8	5	09/27/21 15:08	09/13/21	
Manganese	6020A	**86800**		ug/L	5.0	1.0	5	09/27/21 15:08	09/13/21	
Molybdenum	6020A	ND	U	ug/L	2.5	0.8	5	09/27/21 15:08	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 11:30
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_1219	**Basis:**	NA
Lab Code:	K2110356-016		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**2**	**J**	ug/L	13	2	5	09/27/21 13:35	09/13/21	
Iron	6020A	ND	U	ug/L	50	8	5	09/27/21 13:35	09/13/21	
Molybdenum	6020A	ND	U	ug/L	2.5	0.8	5	09/27/21 13:35	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 13:20
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_319	**Basis:**	NA
Lab Code:	K2110356-017		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	13	2	5	09/27/21 15:09	09/13/21	
Iron	6020A	ND	U	ug/L	50	8	5	09/27/21 15:09	09/13/21	
Manganese	6020A	**87400**		ug/L	5.0	1.0	5	09/27/21 15:09	09/13/21	
Molybdenum	6020A	ND	U	ug/L	2.5	0.8	5	09/27/21 15:09	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 13:20
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_319	**Basis:**	NA
Lab Code:	K2110356-017		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	13	2	5	09/27/21 15:05	09/13/21	
Iron	6020A	**57**		ug/L	50	8	5	09/27/21 15:05	09/13/21	
Molybdenum	6020A	**0.8**	**J**	ug/L	2.5	0.8	5	09/27/21 15:05	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 13:25
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_1319	**Basis:**	NA
Lab Code:	K2110356-018		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	13	2	5	09/27/21 15:11	09/13/21	
Iron	6020A	ND	U	ug/L	50	8	5	09/27/21 15:11	09/13/21	
Manganese	6020A	**86000**		ug/L	5.0	1.0	5	09/27/21 15:11	09/13/21	
Molybdenum	6020A	ND	U	ug/L	2.5	0.8	5	09/27/21 15:11	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 13:40
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_123	**Basis:**	NA
Lab Code:	K2110356-019		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**170**	ug/L	2.5	0.5	5	09/27/21 15:12	09/13/21	
Iron	6020A	**132**	ug/L	10	2	5	09/27/21 15:12	09/13/21	
Molybdenum	6020A	**522**	ug/L	0.50	0.15	5	09/27/21 15:12	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 13:40
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_123	**Basis:**	NA
Lab Code:	K2110356-019		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**230**	ug/L	2.5	0.5	5	09/27/21 13:38	09/13/21	
Iron	6020A	**294**	ug/L	10	2	5	09/27/21 13:38	09/13/21	
Molybdenum	6020A	**541**	ug/L	0.50	0.15	5	09/27/21 13:38	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 13:45
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_1123	**Basis:**	NA
Lab Code:	K2110356-020		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**167**	ug/L	2.5	0.5	5	09/27/21 15:13	09/13/21	
Iron	6020A	**131**	ug/L	10	2	5	09/27/21 15:13	09/13/21	
Molybdenum	6020A	**513**	ug/L	0.50	0.15	5	09/27/21 15:13	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2117583-01		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	0.50	0.09	1	09/27/21 14:32	09/13/21	
Iron	6020A	ND	U	ug/L	2.0	0.3	1	09/27/21 14:32	09/13/21	
Manganese	6020A	ND	U	ug/L	0.20	0.04	1	09/27/21 14:32	09/13/21	
Molybdenum	6020A	ND	U	ug/L	0.10	0.03	1	09/27/21 14:32	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2117584-01		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	0.50	0.09	1	09/27/21 13:10	09/13/21	
Iron	6020A	ND	U	ug/L	2.0	0.3	1	09/27/21 13:10	09/13/21	
Molybdenum	6020A	ND	U	ug/L	0.10	0.03	1	09/27/21 13:10	09/13/21	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project	Grumman Road Treatability	**Date Collected:**	09/03/21
Sample Matrix:	Water	**Date Received:**	09/07/21
		Date Analyzed:	09/27/21

Replicate Sample Summary
Dissolved Metals

Sample Name:	GR_GWC_20_116	**Units:**	ug/L
Lab Code:	K2110356-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2117583-03 Result	Average	RPD	RPD Limit
Arsenic	6020A	2.5	0.5	4.4	4.5	4.5	2	20
Iron	6020A	10	2	24	25	25	4	20
Manganese	6020A	1.0	0.2	160	161	161	<1	20
Molybdenum	6020A	0.50	0.15	522	524	523	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project	Grumman Road Treatability	**Date Collected:**	09/03/21
Sample Matrix:	Water	**Date Received:**	09/07/21
		Date Analyzed:	09/27/21

Replicate Sample Summary
Total Metals

Sample Name:	GR_GWC_20_116	**Units:**	ug/L
Lab Code:	K2110356-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2117584-03 Result	Average	RPD	RPD Limit
Arsenic	6020A	2.5	0.5	40.2	39.3	39.8	2	20
Iron	6020A	10	2	694	680	687	2	20
Molybdenum	6020A	0.50	0.15	545	541	543	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21
Sample Matrix:	Water	**Date Received:**	09/07/21
		Date Analyzed:	09/27/21
		Date Extracted:	09/13/21

Matrix Spike Summary
Dissolved Metals

Sample Name:	GR_GWC_20_116	**Units:**	ug/L
Lab Code:	K2110356-001	**Basis:**	NA
Analysis Method:	6020A		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2117583-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	4.4	56.7	50.0	105	75-125
Iron	24	77	50	106	75-125
Manganese	160	192	25.0	132 #	75-125
Molybdenum	522	566	25.0	177 #	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21
Sample Matrix:	Water	**Date Received:**	09/07/21
		Date Analyzed:	09/27/21
		Date Extracted:	09/13/21

Matrix Spike Summary
Total Metals

Sample Name:	GR_GWC_20_116	**Units:**	ug/L
Lab Code:	K2110356-001	**Basis:**	NA
Analysis Method:	6020A		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2117584-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	40.2	93.0	50.0	106	75-125
Iron	694	736	50	85 #	75-125
Molybdenum	545	564	25.0	77 #	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Analyzed:**	09/27/21
Sample Matrix:	Water		

Lab Control Sample Summary
Dissolved Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2117583-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6020A	50.6	50.0	101	80-120
Iron	6020A	50.0	50.0	100	80-120
Manganese	6020A	25.1	25.0	100	80-120
Molybdenum	6020A	26.4	25.0	106	80-120

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110356
Project:	Grumman Road Treatability	**Date Analyzed:**	09/27/21
Sample Matrix:	Water		

Lab Control Sample Summary
Total Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2117584-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6020A	50.6	50.0	101	80-120
Iron	6020A	49.9	50.0	100	80-120
Molybdenum	6020A	26.0	25.0	104	80-120

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Prep Summary Report

Client: Anchor QEA, LLC **Service Request:** K2110356
Project: Grumman Road Treatability
Sample Matrix: Water

Metals

Prep Method: EPA CLP ILM04.0 **Extraction Lot:** 387074
Analytical Method: 6020A **Extraction Date:** 09/13/21 09:34

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Amount	Percent Solids
GR_GWC_20_116	K2110356-001	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_1116	K2110356-002	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_216	K2110356-003	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_1216	K2110356-004	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_316	K2110356-005	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_1316	K2110356-006	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_117	K2110356-007	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_1117	K2110356-008	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_217	K2110356-009	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_1217	K2110356-010	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_317	K2110356-011	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_1317	K2110356-012	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_119	K2110356-013	9/3/21	9/7/21	2.0 mL	10 mL	
GR_GWC_20_1119	K2110356-014	9/3/21	9/7/21	2.0 mL	10 mL	
GR_GWC_20_219	K2110356-015	9/3/21	9/7/21	2.0 mL	10 mL	
GR_GWC_20_1219	K2110356-016	9/3/21	9/7/21	2.0 mL	10 mL	
GR_GWC_20_319	K2110356-017	9/3/21	9/7/21	2.0 mL	10 mL	
GR_GWC_20_1319	K2110356-018	9/3/21	9/7/21	2.0 mL	10 mL	
GR_GWC_20_123	K2110356-019	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_1123	K2110356-020	9/3/21	9/7/21	10 mL	10 mL	
Method Blank	KQ2117583-01MB	NA	NA	10 mL	10 mL	
Lab Control Sample	KQ2117583-02LCS	NA	NA	10 mL	10.3 mL	
Duplicate	KQ2117583-03DUP	9/3/21	9/7/21	10 mL	10 mL	
Matrix Spike	KQ2117583-04MS	9/3/21	9/7/21	10 mL	10.3 mL	

ALS Group USA, Corp.
dba ALS Environmental

Prep Summary Report

Client: Anchor QEA, LLC **Service Request:** K2110356
Project: Grumman Road Treatability
Sample Matrix: Water

Metals

Prep Method: EPA CLP ILM04.0 **Extraction Lot:** 387075
Analytical Method: 6020A **Extraction Date:** 09/13/21 09:34

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Amount	Percent Solids
GR_GWC_20_116	K2110356-001	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_216	K2110356-003	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_1216	K2110356-004	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_316	K2110356-005	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_117	K2110356-007	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_217	K2110356-009	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_1217	K2110356-010	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_317	K2110356-011	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_119	K2110356-013	9/3/21	9/7/21	2.0 mL	10 mL	
GR_GWC_20_219	K2110356-015	9/3/21	9/7/21	2.0 mL	10 mL	
GR_GWC_20_1219	K2110356-016	9/3/21	9/7/21	2.0 mL	10 mL	
GR_GWC_20_319	K2110356-017	9/3/21	9/7/21	2.0 mL	10 mL	
GR_GWC_20_123	K2110356-019	9/3/21	9/7/21	10 mL	10 mL	
Method Blank	KQ2117584-01MB	NA	NA	10 mL	10 mL	
Lab Control Sample	KQ2117584-02LCS	NA	NA	10 mL	10.3 mL	
Duplicate	KQ2117584-03DUP	9/3/21	9/7/21	10 mL	10 mL	
Matrix Spike	KQ2117584-04MS	9/3/21	9/7/21	10 mL	10.3 mL	

Client: Anchor QEA, LLC **Service Request:** K2110356
Project: Grumman Road Treatability

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits
ICV 09/27/21 11:32						
Arsenic	6020A	740188	24.6	25.0	98	90-110
Iron	6020A	740188	49.8	50.0	100	90-110
Molybdenum	6020A	740188	24.2	25.0	97	90-110
Manganese	6020A	740188	24.5	25.0	98	90-110
CCV 09/27/21 11:33						
Arsenic	6020A	740188	26.0	25.0	104	90-110
Iron	6020A	740188	253	250	101	90-110
Molybdenum	6020A	740188	12.4	12.5	99	90-110
Manganese	6020A	740188	25.1	25.0	100	90-110
CCV 09/27/21 11:56						
Arsenic	6020A	740188	25.9	25.0	103	90-110
Iron	6020A	740188	249	250	99	90-110
Molybdenum	6020A	740188	12.4	12.5	99	90-110
Manganese	6020A	740188	25.5	25.0	102	90-110
CCV 09/27/21 12:13						
Arsenic	6020A	740188	26.2	25.0	105	90-110
Iron	6020A	740188	251	250	100	90-110
Molybdenum	6020A	740188	12.4	12.5	99	90-110
Manganese	6020A	740188	25.9	25.0	104	90-110
CCV 09/27/21 12:23						
Arsenic	6020A	740188	25.6	25.0	103	90-110
Iron	6020A	740188	249	250	100	90-110
Molybdenum	6020A	740188	12.3	12.5	98	90-110
Manganese	6020A	740188	25.3	25.0	101	90-110
CCV 09/27/21 12:45						
Arsenic	6020A	740188	25.3	25.0	101	90-110
Iron	6020A	740188	249	250	100	90-110
Molybdenum	6020A	740188	12.4	12.5	99	90-110
Manganese	6020A	740188	25.1	25.0	100	90-110
CCV 09/27/21 13:02						
Arsenic	6020A	740188	26.5	25.0	106	90-110
Iron	6020A	740188	256	250	102	90-110
Molybdenum	6020A	740188	12.7	12.5	102	90-110
Manganese	6020A	740188	26.1	25.0	104	90-110
CCV 09/27/21 13:06						
Arsenic	6020A	740188	26.3	25.0	105	90-110

Client: Anchor QEA, LLC **Service Request:** K2110356
Project: Grumman Road Treatability

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits
CCV 09/27/21 13:06						
Iron	6020A	740188	258	250	103	90-110
Molybdenum	6020A	740188	12.7	12.5	102	90-110
Manganese	6020A	740188	25.5	25.0	102	90-110
CCV 09/27/21 13:24						
Arsenic	6020A	740188	26.4	25.0	106	90-110
Iron	6020A	740188	254	250	102	90-110
Molybdenum	6020A	740188	12.9	12.5	103	90-110
Manganese	6020A	740188	26.0	25.0	104	90-110
CCV 09/27/21 13:39						
Arsenic	6020A	740188	25.5	25.0	102	90-110
Iron	6020A	740188	250	250	100	90-110
Molybdenum	6020A	740188	12.4	12.5	99	90-110
Manganese	6020A	740188	25.2	25.0	101	90-110
CCV 09/27/21 14:46						
Arsenic	6020A	740188	25.6	25.0	102	90-110
Iron	6020A	740188	246	250	98	90-110
Molybdenum	6020A	740188	12.2	12.5	98	90-110
Manganese	6020A	740188	24.3	25.0	97	90-110
CCV 09/27/21 15:02						
Arsenic	6020A	740188	25.4	25.0	102	90-110
Iron	6020A	740188	246	250	98	90-110
Molybdenum	6020A	740188	12.1	12.5	97	90-110
Manganese	6020A	740188	24.8	25.0	99	90-110
CCV 09/27/21 15:15						
Arsenic	6020A	740188	26.4	25.0	106	90-110
Iron	6020A	740188	259	250	104	90-110
Molybdenum	6020A	740188	12.7	12.5	102	90-110
Manganese	6020A	740188	26.2	25.0	105	90-110

Client: Anchor QEA, LLC **Service Request:** K2110356
Project: Grumman Road Treatability

INITIAL AND CONTINUING CALIBRATION BLANKS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	C
ICB 09/27/21 11:34				
Arsenic	6020A	740188	0.09	U
Iron	6020A	740188	0.3	U
Molybdenum	6020A	740188	0.03	U
Manganese	6020A	740188	0.04	U
CCB 09/27/21 11:36				
Arsenic	6020A	740188	0.09	U
Iron	6020A	740188	0.3	U
Molybdenum	6020A	740188	0.03	U
Manganese	6020A	740188	0.04	U
CCB 09/27/21 11:58				
Arsenic	6020A	740188	0.09	U
Iron	6020A	740188	0.3	U
Molybdenum	6020A	740188	0.03	U
Manganese	6020A	740188	0.05	J
CCB 09/27/21 12:14				
Arsenic	6020A	740188	0.09	U
Iron	6020A	740188	0.3	U
Molybdenum	6020A	740188	0.03	U
Manganese	6020A	740188	0.12	J
CCB 09/27/21 12:24				
Arsenic	6020A	740188	0.09	U
Iron	6020A	740188	0.3	U
Molybdenum	6020A	740188	0.03	U
Manganese	6020A	740188	0.04	U
CCB 09/27/21 12:46				
Arsenic	6020A	740188	0.09	U
Iron	6020A	740188	0.3	U
Molybdenum	6020A	740188	0.03	U
Manganese	6020A	740188	0.04	U
CCB 09/27/21 13:03				
Arsenic	6020A	740188	0.09	U
Iron	6020A	740188	0.3	U
Molybdenum	6020A	740188	0.03	U
Manganese	6020A	740188	0.04	U
CCB 09/27/21 13:07				
Arsenic	6020A	740188	0.09	U

Client: Anchor QEA, LLC **Service Request:** K2110356
Project: Grumman Road Treatability

INITIAL AND CONTINUING CALIBRATION BLANKS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	C
CCB 09/27/21 13:07				
Iron	6020A	740188	0.3	U
Molybdenum	6020A	740188	0.03	U
Manganese	6020A	740188	0.04	U
CCB 09/27/21 13:25				
Arsenic	6020A	740188	0.09	U
Iron	6020A	740188	0.3	U
Molybdenum	6020A	740188	0.03	U
Manganese	6020A	740188	0.04	U
CCB 09/27/21 13:40				
Arsenic	6020A	740188	0.09	U
Iron	6020A	740188	0.3	U
Molybdenum	6020A	740188	0.03	J
Manganese	6020A	740188	0.11	J
CCB 09/27/21 14:47				
Arsenic	6020A	740188	0.09	U
Iron	6020A	740188	0.3	U
Molybdenum	6020A	740188	0.03	U
Manganese	6020A	740188	0.04	U
CCB 09/27/21 15:04				
Arsenic	6020A	740188	0.09	U
Iron	6020A	740188	0.3	U
Molybdenum	6020A	740188	0.03	U
Manganese	6020A	740188	0.04	U
CCB 09/27/21 15:25				
Arsenic	6020A	740188	0.09	U
Iron	6020A	740188	0.3	U
Molybdenum	6020A	740188	0.03	U
Manganese	6020A	740188	0.17	J

Client: Anchor QEA, LLC **Service Request:** K2110356
Project: Grumman Road Treatability

LOW LEVEL INITIAL AND LOW LEVEL CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
LLICV							
Arsenic	6020A	740188	0.50	0.5	100	70-130	09/27/21 11:37
Iron	6020A	740188	2.2	2.0	112	70-130	09/27/21 11:37
Molybdenum	6020A	740188	0.098	0.1	98	70-130	09/27/21 11:37
Manganese	6020A	740188	0.21	0.2	106	70-130	09/27/21 11:37
LLCCV							
Arsenic	6020A	740188	0.52	0.5	103	70-130	09/27/21 12:25
Iron	6020A	740188	2.3	2.0	113	70-130	09/27/21 12:25
Molybdenum	6020A	740188	0.12	0.1	115	70-130	09/27/21 12:25
Manganese	6020A	740188	0.23	0.2	115	70-130	09/27/21 12:25
LLCCV							
Arsenic	6020A	740188	0.51	0.5	103	70-130	09/27/21 13:09
Iron	6020A	740188	2.2	2.0	109	70-130	09/27/21 13:09
Molybdenum	6020A	740188	0.11	0.1	107	70-130	09/27/21 13:09
Manganese	6020A	740188	0.20	0.2	99	70-130	09/27/21 13:09
LLCCV							
Arsenic	6020A	740188	0.51	0.5	101	70-130	09/27/21 14:05
Iron	6020A	740188	2.2	2.0	110	70-130	09/27/21 14:05
Molybdenum	6020A	740188	0.12	0.1	124	70-130	09/27/21 14:05
Manganese	6020A	740188	0.19	0.2	96	70-130	09/27/21 14:05
LLCCV							
Arsenic	6020A	740188	0.51	0.5	102	70-130	09/27/21 15:35
Iron	6020A	740188	2.1	2.0	107	70-130	09/27/21 15:35
Molybdenum	6020A	740188	0.12	0.1	118	70-130	09/27/21 15:35
Manganese	6020A	740188	0.24	0.2	118	70-130	09/27/21 15:35

Client: Anchor QEA, LLC **Service Request:** K2110356
Project: Grumman Road Treatability

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSA **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Arsenic	6020A	740188	0.17	-	-	-	09/27/21 11:39
Iron	6020A	740188	46200	-	-	-	09/27/21 11:39
Molybdenum	6020A	740188	49.2	-	-	-	09/27/21 11:39
Manganese	6020A	740188	0.83	-	-	-	09/27/21 11:39

Client: Anchor QEA, LLC **Service Request:** K2110356
Project: Grumman Road Treatability

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSAB **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Arsenic	6020A	740188	24.2	25.0	97	80-120	09/27/21 11:40
Iron	6020A	740188	47000	-	-	-	09/27/21 11:40
Molybdenum	6020A	740188	50.6	-	-	-	09/27/21 11:40
Manganese	6020A	740188	50.3	50.0	101	80-120	09/27/21 11:40

Client: Anchor QEA, LLC **Service Request:** K2110356
Project: Grumman Road Treatability

POST SPIKE SAMPLE RECOVERY

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Post Spike Result	True Value	% Rec	% Rec. Limits	Analysis Date
K2110356-001A								
Arsenic	6020A	740188	0.9 J	50.8	50.0	100	80-120	09/27/21 14:39
Iron	6020A	740188	5 J	52	50	95	80-120	09/27/21 14:39
Molybdenum	6020A	740188	104	157	50.0	106	80-120	09/27/21 14:39
Manganese	6020A	740188	31.9	80.8	50.0	98	80-120	09/27/21 14:39
Arsenic	6020A	740188	8.0	58.2	50.0	100	80-120	09/27/21 13:17
Iron	6020A	740188	139	182	50	87	80-120	09/27/21 13:17
Molybdenum	6020A	740188	109	159	50.0	101	80-120	09/27/21 13:17

Results flagged with a pound (#) indicate the control criteria is not applicable.

Client: Anchor QEA, LLC **Service Request:** K2110356
Project: Grumman Road Treatability

ICP SERIAL DILUTIONS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Serial Dillution Result	% Diff	% Diff. Limit	Analysis Date
K2110356-001SDL							
Arsenic	6020A	740188	4 J	5 J	6	10	09/27/21 14:37
Iron	6020A	740188	24 J	22 J	7	10	09/27/21 14:37
Molybdenum	6020A	740188	522	530	2	10	09/27/21 14:37
Manganese	6020A	740188	160	171	7	10	09/27/21 14:37
Arsenic	6020A	740188	40	39	3	10	09/27/21 13:15
Iron	6020A	740188	694	698	1	10	09/27/21 13:15
Molybdenum	6020A	740188	545	542	1	10	09/27/21 13:15

Client: Anchor QEA, LLC **Service Request:** K2110356
Project: Grumman Road Treatability/

Detection Limits

Instrument: K-ICP-MS-06 **Matrix:** Water

Analyte	Mass	Units	MRL	MDL	Method
Arsenic	75	ug/L	0.5	0.09	6020A
Iron	56	ug/L	2	0.3	6020A
Manganese	55	ug/L	0.2	0.04	6020A
Molybdenum	95	ug/L	0.1	0.03	6020A

Client: Anchor QEA, LLC **Service Request:** K2110356
Project: Grumman Road Treatability/

ICP Linear Range (Quarterly)

Instrument: K-ICP-MS-06

Analyte	Concentration (ug/L)	Method
Arsenic 75	4500	6020A
Iron 56	45000	6020A
Manganese 55	9000	6020A
Molybdenum 95	4500	6020A

Client: Anchor QEA, LLC **Service Request:** K2110356
Project: Grumman Road Treatability/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **740188**

Sample	Dilution Factor	Date/Time	As	Fe	Mn	Mo
ZZZZZZ	1	09/27/21 11:29				
ZZZZZZ	1	09/27/21 11:30				
ICV	1	09/27/21 11:32	X	X	X	X
CCV	1	09/27/21 11:33	X	X	X	X
ICB	1	09/27/21 11:34	X	X	X	X
CCB	1	09/27/21 11:36	X	X	X	X
LLICVW	1	09/27/21 11:37	X	X	X	X
ICSA	1	09/27/21 11:39	X	X	X	X
ICSAB	1	09/27/21 11:40	X	X	X	X
ZZZZZZ	1	09/27/21 11:41				
ZZZZZZ	1	09/27/21 11:43				
ZZZZZZ	1	09/27/21 11:44				
ZZZZZZ	5	09/27/21 11:45				
ZZZZZZ	5	09/27/21 11:47				
ZZZZZZ	25	09/27/21 11:48				
ZZZZZZ	5	09/27/21 11:50				
ZZZZZZ	5	09/27/21 11:51				
ZZZZZZ	5	09/27/21 11:52				
ZZZZZZ	5	09/27/21 11:54				
ZZZZZZ	5	09/27/21 11:55				
CCV	1	09/27/21 11:56	X	X	X	X
CCB	1	09/27/21 11:58	X	X	X	X
ZZZZZZ	1	09/27/21 11:59				
ZZZZZZ	5	09/27/21 12:01				
ZZZZZZ	5	09/27/21 12:02				
ZZZZZZ	5	09/27/21 12:03				
ZZZZZZ	5	09/27/21 12:05				
ZZZZZZ	5	09/27/21 12:06				
ZZZZZZ	5	09/27/21 12:08				
ZZZZZZ	5	09/27/21 12:09				
ZZZZZZ	5	09/27/21 12:10				
ZZZZZZ	5	09/27/21 12:12				
CCV	1	09/27/21 12:13	X	X	X	X
CCB	1	09/27/21 12:14	X	X	X	X
ZZZZZZ	5	09/27/21 12:16				
ZZZZZZ	5	09/27/21 12:17				
ZZZZZZ	5	09/27/21 12:19				

Client: Anchor QEA, LLC **Service Request:** K2110356
Project: Grumman Road Treatability/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **740188**

Sample	Dilution Factor	Date/Time	As	Fe	Mn	Mo
ZZZZZZ	5	09/27/21 12:20				
ZZZZZZ	5	09/27/21 12:21				
CCV	1	09/27/21 12:23	X	X	X	X
CCB	1	09/27/21 12:24	X	X	X	X
LLCCVW	1	09/27/21 12:25	X	X	X	X
ZZZZZZ	1	09/27/21 12:27				
ZZZZZZ	1	09/27/21 12:28				
ZZZZZZ	5	09/27/21 12:34				
ZZZZZZ	5	09/27/21 12:35				
ZZZZZZ	25	09/27/21 12:37				
ZZZZZZ	5	09/27/21 12:38				
ZZZZZZ	5	09/27/21 12:40				
ZZZZZZ	5	09/27/21 12:41				
ZZZZZZ	5	09/27/21 12:42				
ZZZZZZ	5	09/27/21 12:44				
CCV	1	09/27/21 12:45	X	X	X	X
CCB	1	09/27/21 12:46	X	X	X	X
ZZZZZZ	5	09/27/21 12:48				
ZZZZZZ	5	09/27/21 12:49				
ZZZZZZ	5	09/27/21 12:51				
ZZZZZZ	5	09/27/21 12:52				
ZZZZZZ	5	09/27/21 12:53				
ZZZZZZ	5	09/27/21 12:55				
ZZZZZZ	5	09/27/21 12:56				
ZZZZZZ	5	09/27/21 12:57				
ZZZZZZ	5	09/27/21 12:59				
ZZZZZZ	5	09/27/21 13:00				
CCV	1	09/27/21 13:02	X	X	X	X
CCB	1	09/27/21 13:03	X	X	X	X
ZZZZZZ	5	09/27/21 13:04				
CCV	1	09/27/21 13:06	X	X	X	X
CCB	1	09/27/21 13:07	X	X	X	X
LLCCVW	1	09/27/21 13:09	X	X	X	X
KQ2117584-01MB	1	09/27/21 13:10	X	X		X
KQ2117584-02LCS	1	09/27/21 13:11	X	X		X
K2110356-001	5	09/27/21 13:13	X	X		X
K2110356-001DUP	5	09/27/21 13:14	X	X		X

Client: Anchor QEA, LLC **Service Request:** K2110356
Project: Grumman Road Treatability/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **740188**

Sample	Dilution Factor	Date/Time	As	Fe	Mn	Mo
K2110356-001SDL	25	09/27/21 13:15	X	X	X	X
K2110356-001PS	5	09/27/21 13:17	X	X	X	X
K2110356-001MS	5	09/27/21 13:18	X	X		X
K2110356-003	5	09/27/21 13:20	X	X		X
K2110356-004	5	09/27/21 13:21	X	X		X
K2110356-005	5	09/27/21 13:22	X	X		X
CCV	1	09/27/21 13:24	X	X	X	X
CCB	1	09/27/21 13:25	X	X	X	X
K2110356-007	5	09/27/21 13:27	X	X		X
K2110356-009	5	09/27/21 13:28	X	X		X
K2110356-010	5	09/27/21 13:29	X	X		X
K2110356-011	5	09/27/21 13:31	X	X		X
K2110356-013	5	09/27/21 13:32	X	X		X
K2110356-015	5	09/27/21 13:33	X	X		X
K2110356-016	5	09/27/21 13:35	X	X		X
ZZZZZZ	25	09/27/21 13:36				
K2110356-019	5	09/27/21 13:38	X	X		X
CCV	1	09/27/21 13:39	X	X	X	X
CCB	1	09/27/21 13:40	X	X	X	X
ZZZZZZ	1	09/27/21 13:42				
LLCCVW	1	09/27/21 14:05	X	X	X	X
KQ2117583-01MB	1	09/27/21 14:32	X	X	X	X
KQ2117583-02LCS	1	09/27/21 14:33	X	X	X	X
K2110356-001	5	09/27/21 14:35	X	X		X
K2110356-001DUP	5	09/27/21 14:36	X	X	X	X
K2110356-001SDL	25	09/27/21 14:37	X	X	X	X
K2110356-001PS	5	09/27/21 14:39	X	X	X	X
K2110356-001MS	5	09/27/21 14:40	X	X	X	X
K2110356-002	5	09/27/21 14:42	X	X		X
K2110356-003	5	09/27/21 14:43	X	X		X
K2110356-004	5	09/27/21 14:44	X	X		X
CCV	1	09/27/21 14:46	X	X	X	X
CCB	1	09/27/21 14:47	X	X	X	X
K2110356-005	5	09/27/21 14:48	X	X		X
K2110356-006	5	09/27/21 14:50	X	X		X
K2110356-007	5	09/27/21 14:51	X	X		X
K2110356-008	5	09/27/21 14:53	X	X		X

Client: Anchor QEA, LLC **Service Request:** K2110356
Project: Grumman Road Treatability/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **740188**

Sample	Dilution Factor	Date/Time	As	Fe	Mn	Mo
K2110356-009	5	09/27/21 14:54	X	X		X
K2110356-010	5	09/27/21 14:55	X	X		X
K2110356-011	5	09/27/21 14:57	X	X		X
K2110356-012	5	09/27/21 14:58	X	X		X
K2110356-013	5	09/27/21 15:00	X	X	X	X
K2110356-014	5	09/27/21 15:01	X	X	X	X
CCV	1	09/27/21 15:02	X	X	X	X
CCB	1	09/27/21 15:04	X	X	X	X
K2110356-017	5	09/27/21 15:05	X	X		X
K2110356-015	5	09/27/21 15:06	X	X	X	X
K2110356-016	5	09/27/21 15:08	X	X	X	X
K2110356-017	5	09/27/21 15:09	X	X	X	X
K2110356-018	5	09/27/21 15:11	X	X	X	X
K2110356-019	5	09/27/21 15:12	X	X		X
K2110356-020	5	09/27/21 15:13	X	X		X
CCV	1	09/27/21 15:15	X	X	X	X
ZZZZZZ	1	09/27/21 15:16				
CCB	1	09/27/21 15:25	X	X	X	X
LLCCVW	1	09/27/21 15:35	X	X	X	X

Client: Anchor QEA, LLC **Service Request:** K2110356
Project: Grumman Road Treatability/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **740188**

Sample	Date/Time	Ge72He	In115He
ZZZZZZ	09/27/21 11:29		
ZZZZZZ	09/27/21 11:30		
ICV	09/27/21 11:32	97	97
CCV	09/27/21 11:33	98	98
ICB	09/27/21 11:34	99	99
CCB	09/27/21 11:36	100	97
LLICVW	09/27/21 11:37	100	99
ICSA	09/27/21 11:39	94	91
ICSAB	09/27/21 11:40	93	90
ZZZZZZ	09/27/21 11:41		
ZZZZZZ	09/27/21 11:43		
ZZZZZZ	09/27/21 11:44		
ZZZZZZ	09/27/21 11:45		
ZZZZZZ	09/27/21 11:47		
ZZZZZZ	09/27/21 11:48		
ZZZZZZ	09/27/21 11:50		
ZZZZZZ	09/27/21 11:51		
ZZZZZZ	09/27/21 11:52		
ZZZZZZ	09/27/21 11:54		
ZZZZZZ	09/27/21 11:55		
CCV	09/27/21 11:56	99	97
CCB	09/27/21 11:58	99	99
ZZZZZZ	09/27/21 11:59		
ZZZZZZ	09/27/21 12:01		
ZZZZZZ	09/27/21 12:02		
ZZZZZZ	09/27/21 12:03		
ZZZZZZ	09/27/21 12:05		
ZZZZZZ	09/27/21 12:06		
ZZZZZZ	09/27/21 12:08		
ZZZZZZ	09/27/21 12:09		
ZZZZZZ	09/27/21 12:10		
ZZZZZZ	09/27/21 12:12		
CCV	09/27/21 12:13	99	98
CCB	09/27/21 12:14	101	100
ZZZZZZ	09/27/21 12:16		
ZZZZZZ	09/27/21 12:17		
ZZZZZZ	09/27/21 12:19		

Client: Anchor QEA, LLC **Service Request:** K2110356
Project: Grumman Road Treatability/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **740188**

Sample	Date/Time	Ge72He	In115He
ZZZZZZ	09/27/21 12:20		
ZZZZZZ	09/27/21 12:21		
CCV	09/27/21 12:23	102	101
CCB	09/27/21 12:24	103	101
LLCCVW	09/27/21 12:25	101	100
ZZZZZZ	09/27/21 12:27		
ZZZZZZ	09/27/21 12:28		
ZZZZZZ	09/27/21 12:34		
ZZZZZZ	09/27/21 12:35		
ZZZZZZ	09/27/21 12:37		
ZZZZZZ	09/27/21 12:38		
ZZZZZZ	09/27/21 12:40		
ZZZZZZ	09/27/21 12:41		
ZZZZZZ	09/27/21 12:42		
ZZZZZZ	09/27/21 12:44		
CCV	09/27/21 12:45	110	107
CCB	09/27/21 12:46	109	106
ZZZZZZ	09/27/21 12:48		
ZZZZZZ	09/27/21 12:49		
ZZZZZZ	09/27/21 12:51		
ZZZZZZ	09/27/21 12:52		
ZZZZZZ	09/27/21 12:53		
ZZZZZZ	09/27/21 12:55		
ZZZZZZ	09/27/21 12:56		
ZZZZZZ	09/27/21 12:57		
ZZZZZZ	09/27/21 12:59		
ZZZZZZ	09/27/21 13:00		
CCV	09/27/21 13:02	114	113
CCB	09/27/21 13:03	115	110
ZZZZZZ	09/27/21 13:04		
CCV	09/27/21 13:06	103	101
CCB	09/27/21 13:07	103	102
LLCCVW	09/27/21 13:09	104	101
KQ2117584-01MB	09/27/21 13:10	102	101
KQ2117584-02LCS	09/27/21 13:11	99	97
K2110356-001	09/27/21 13:13	98	95
K2110356-001DUP	09/27/21 13:14	101	97

Client: Anchor QEA, LLC **Service Request:** K2110356
Project: Grumman Road Treatability/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **740188**

Sample	Date/Time	Ge72He	In115He
K2110356-001SDL	09/27/21 13:15	106	103
K2110356-001PS	09/27/21 13:17	103	99
K2110356-001MS	09/27/21 13:18	106	104
K2110356-003	09/27/21 13:20	105	100
K2110356-004	09/27/21 13:21	108	102
K2110356-005	09/27/21 13:22	104	102
CCV	09/27/21 13:24	108	104
CCB	09/27/21 13:25	107	104
K2110356-007	09/27/21 13:27	103	100
K2110356-009	09/27/21 13:28	105	102
K2110356-010	09/27/21 13:29	108	106
K2110356-011	09/27/21 13:31	107	105
K2110356-013	09/27/21 13:32	109	108
K2110356-015	09/27/21 13:33	109	106
K2110356-016	09/27/21 13:35	111	107
ZZZZZZ	09/27/21 13:36		
K2110356-019	09/27/21 13:38	109	109
CCV	09/27/21 13:39	117	117
CCB	09/27/21 13:40	113	113
ZZZZZZ	09/27/21 13:42		
LLCCVW	09/27/21 14:05	99	100
KQ2117583-01MB	09/27/21 14:32	96	97
KQ2117583-02LCS	09/27/21 14:33	96	96
K2110356-001	09/27/21 14:35	96	95
K2110356-001DUP	09/27/21 14:36	98	97
K2110356-001SDL	09/27/21 14:37	101	100
K2110356-001PS	09/27/21 14:39	98	97
K2110356-001MS	09/27/21 14:40	97	97
K2110356-002	09/27/21 14:42	100	100
K2110356-003	09/27/21 14:43	99	100
K2110356-004	09/27/21 14:44	102	102
CCV	09/27/21 14:46	111	112
CCB	09/27/21 14:47	111	112
K2110356-005	09/27/21 14:48	106	106
K2110356-006	09/27/21 14:50	98	96
K2110356-007	09/27/21 14:51	102	99
K2110356-008	09/27/21 14:53	102	99

Client: Anchor QEA, LLC **Service Request:** K2110356
Project: Grumman Road Treatability/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **740188**

Sample	Date/Time	Ge72He	In115He
K2110356-009	09/27/21 14:54	104	104
K2110356-010	09/27/21 14:55	107	106
K2110356-011	09/27/21 14:57	106	105
K2110356-012	09/27/21 14:58	108	107
K2110356-013	09/27/21 15:00	108	108
K2110356-014	09/27/21 15:01	107	107
CCV	09/27/21 15:02	104	104
CCB	09/27/21 15:04	107	109
K2110356-017	09/27/21 15:05	104	102
K2110356-015	09/27/21 15:06	101	103
K2110356-016	09/27/21 15:08	102	103
K2110356-017	09/27/21 15:09	102	105
K2110356-018	09/27/21 15:11	103	103
K2110356-019	09/27/21 15:12	102	101
K2110356-020	09/27/21 15:13	110	109
CCV	09/27/21 15:15	105	106
ZZZZZZ	09/27/21 15:16		
CCB	09/27/21 15:25	98	95
LLCCVW	09/27/21 15:35	97	96

Raw Data

ALS Environmental—Kelso Laboratory
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General Chemistry

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	Yes	No	N/A
Comments			
1. [illegible]	[illegible]		
2. [illegible]	[illegible]	[illegible]	[illegible]
3. [illegible]	[illegible]		[illegible]
4. [illegible]	[illegible]	[illegible]	
5. [illegible]	[illegible]	[illegible]	
a. Method Blanks, CCVs, CCBs, LCSs, [illegible]			
b. [illegible]	[illegible]	[illegible]	[illegible]
c. [illegible]	[illegible]	[illegible]	
d. [illegible]	[illegible]	[illegible]	
e. [illegible]			
6. [illegible]			

[illegible] Standard Certification Procedure and Acceptable Deviations for Chromatograms

G1 Samples analyzed past the end of recommended holding time. See [illegible] form [illegible]
G2 Samples analyzed past the end of recommended holding time. [illegible] performed within recommended holding time
G4 Samples analyzed past the end of recommended holding time
[illegible]
[illegible]
[illegible]

LCS	AUG [illegible] GEN 02	50A	Expires [illegible]
Fluoride	True Value = [illegible] ppm		[illegible]
Chloride	True Value = [illegible]		[illegible]
Nitrite	True Value = [illegible] ppm		[illegible]
Bromide	True Value = [illegible]		[illegible]
Nitrate	True Value = [illegible] ppm		[illegible]
Sulfate	True Value = [illegible]		[illegible]

CCV	AUG [illegible] GEN 02	60M	Expires [illegible]
Fluoride	True Value = [illegible] ppm		[illegible]
Chloride	True Value = [illegible]		[illegible]
Nitrite	True Value = [illegible] ppm		[illegible]
Bromide	True Value = [illegible]		[illegible]
Nitrate	True Value = [illegible] ppm		[illegible]
Sulfate	True Value = [illegible]		[illegible]

Solvent			
200 ppm	AUG [illegible] GEN 02	60A	Expires [illegible]
Fluoride	[illegible]		
Chloride	[illegible]		
Nitrite	[illegible]		
Bromide	[illegible]		
Nitrate	[illegible]		
Sulfate	[illegible]		

Deviations

Sample	Analyte	Deviation Type	Deviation Comments	Reviewer Initials	Reviewer Comments

Analyst: [illegible] Date: [illegible]

Peer Reviewer: [illegible] Date: [illegible]

Final Reviewer: [illegible] Date: [illegible]

[illegible]

Analytical Results Summary

Environment Name: [illegible] Analysis: [illegible] Analysis Lab: [illegible] Method Test code: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DF	MDL	RDL	% Rec	% RPD	Date Analyzed	QC?	Test
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]
[illegible]	[illegible]	N/A		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Reference: [illegible]

Lab Code	Parent Analyte	DL	Parent Sample	Status	RPS Result	Sample Size	Final Result	RC	MDL	PQL	Qualifier	Qualifier	Date Analyzed	QC?	Tier
[illegible]	Sulfate	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Sulfate	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Sulfate	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Sulfate	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Sulfate	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Sulfate	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Nitrate as Nitrogen	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Nitrate as Nitrogen	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Nitrate as Nitrogen	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Nitrate as Nitrogen	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	Nitrate as Nitrogen	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	
[illegible]	Nitrate as Nitrogen	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	
[illegible]	Nitrate as Nitrogen	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Testcode: [illegible]

Lab Code	Target Analyte	QL	Parent Sample	Matrix	Raw Result	Sample Size	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Dup
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	N	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method/Protocol: [illegible]

Lab Code	Parent Analyte	QL	Parent Source	Status	Raw Result	Sample Amt.	Final Result	Dil	MDL	PQL	Sa Mass	Sa RSD	Date Analyzed	QC?	Lot
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	1
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method Name/code: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	DF	MDL	PQL	% Rec	% Recov	Date Analyzed	QLT	Rep
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[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
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Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Textcode: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt.	Final Result	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Fig
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
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7	[illegible]	Standard	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	Standard	8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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33	[illegible]	Unknown	46	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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81	[illegible]	[illegible]	
82	[illegible]	[illegible]	

[illegible] Corporation [illegible]

Service Required	Check/Notes/Other	Action	1st Dil	2nd Dil	Results	Done
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				

Sequence

Name

Instructor Requested	Chem 1 Mid-term Exam	Answer	1st Det	2nd Det	Reasonably	Doubt
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				

Service Required	Check Notes/Time	Anion	1st Dil	2nd Dil	Recovery	Done
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
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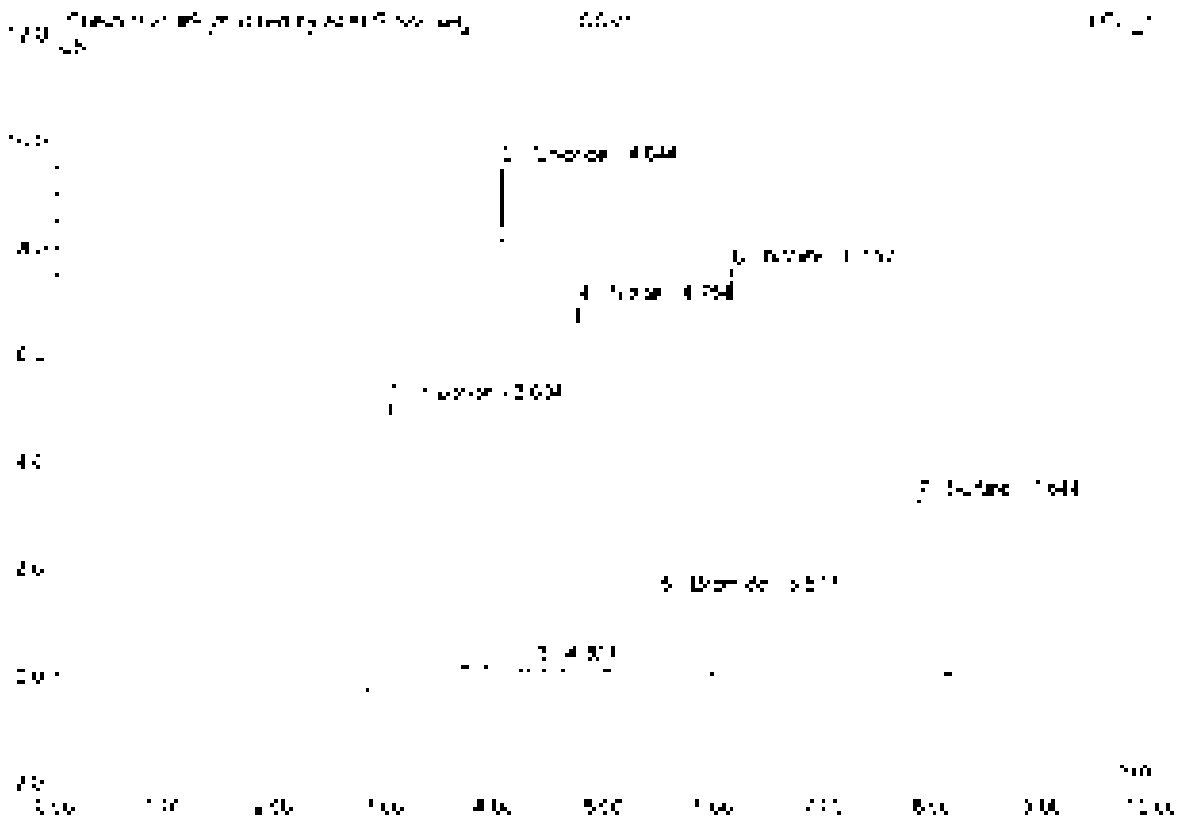
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				

9 CCV1

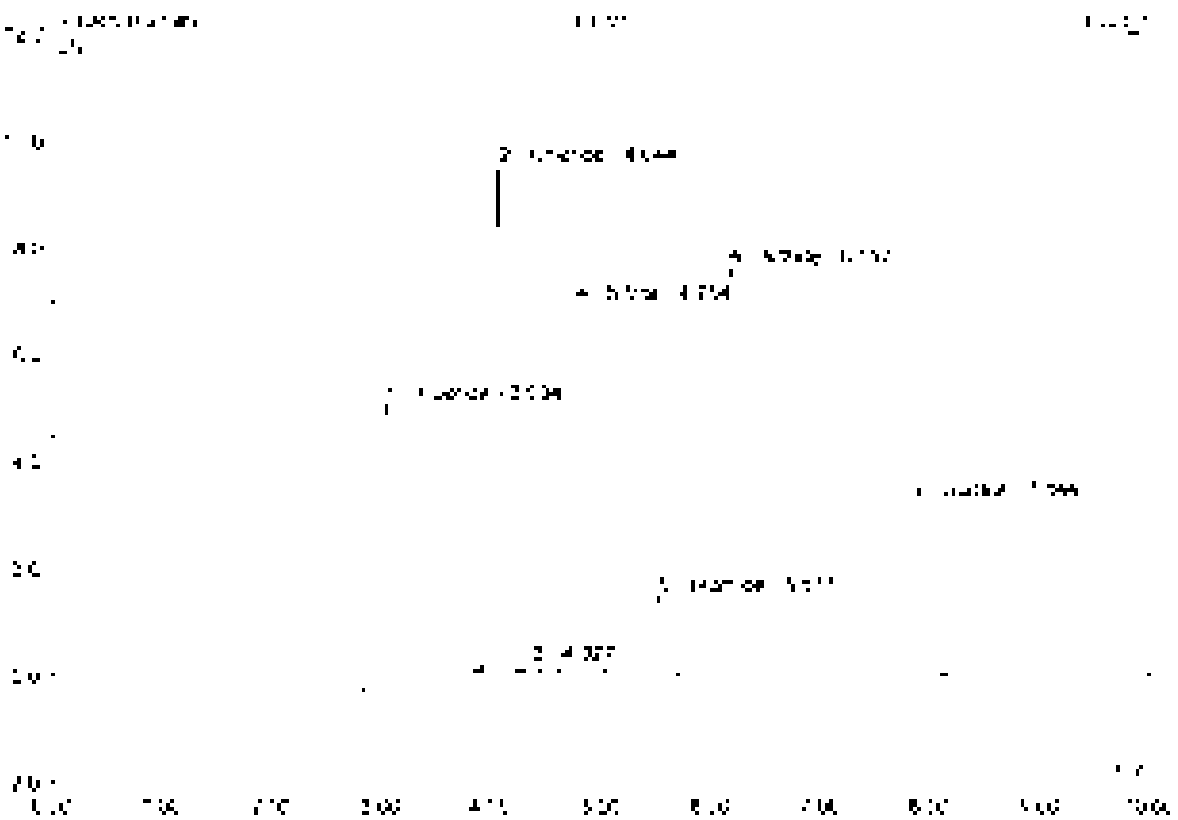
Sample Name	CCV1	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	[illegible] 14:00	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.33	Fluoride	5.202	[illegible]	24.44	5.165	BMB*
2	4.04	Chloride	9.43[illegible]	8.658	38.07	4.702	BMB*
3	4.38	[illegible]	0.138	0.010	0.27	[illegible]	BMB
4	4.75	Nitrite	6.885	3.664	16.51	2.476	BMB
5	5.52	Bromide	1.462	3.172	3.74	2.406	BMB
6	6.16	Nitrate	7.006	1.044	2[illegible].97	2.303	BMB
7	7.64	Sulfate	3.287	5.[illegible]	12.90	4.770	BMB
Total:			34.042	4.75[illegible]	100.00	21.880	

9 CCV1

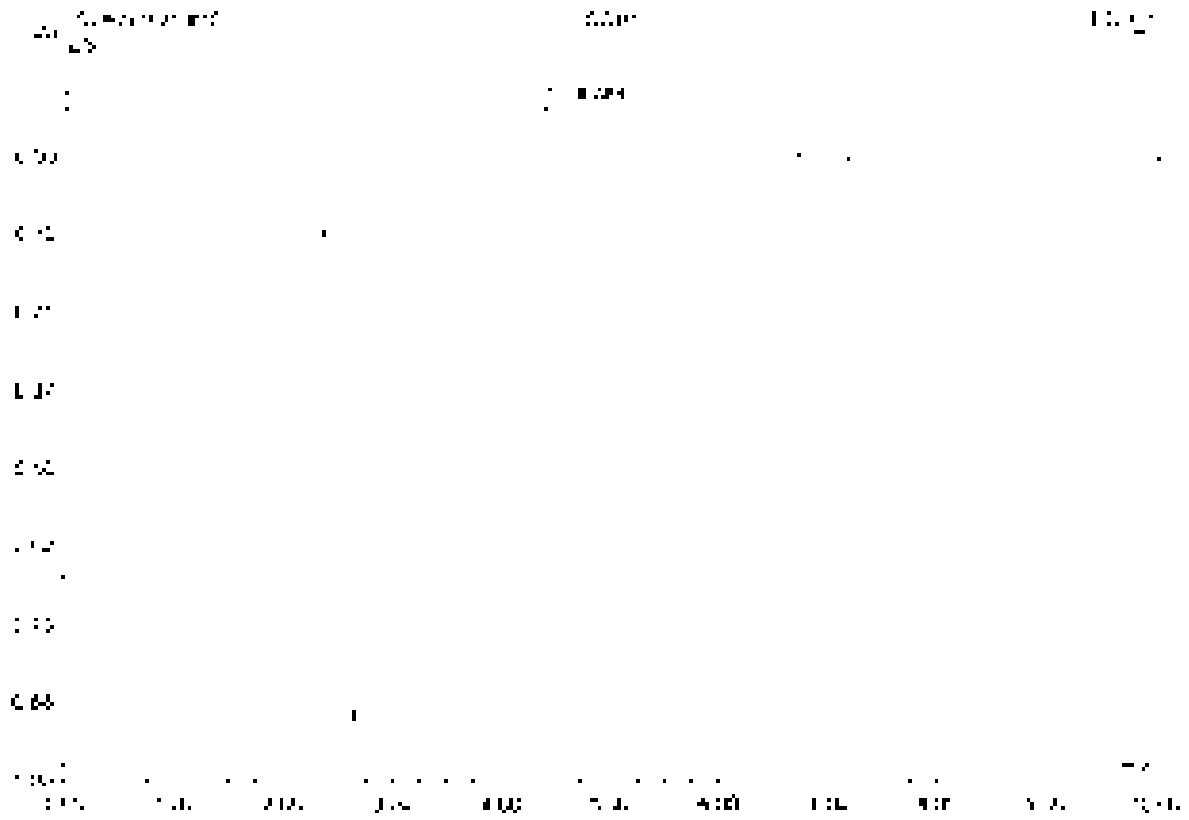
Sample Name	CCV1	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	9/16/2021 14:00	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	5.293	1.212	25.25	5.393	BMB
2	4.04	Chloride	5.431	0.858	17.87	4.702	BMB
3	4.36	n.a.	0.134	0.013	0.27	n.a.	BMB
4	4.75	Nitrite	5.555	0.884	18.41	2.476	BMB
5	5.52	Bromide	1.462	0.172	3.58	2.436	BMB
6	6.10	Nitrate	7.604	1.044	21.74	2.363	BMB
7	7.64	Sulfate	3.203	0.613	12.76	4.370	BMB
Total:			34.683	4.802	100.00	22.109	

10 CCB1

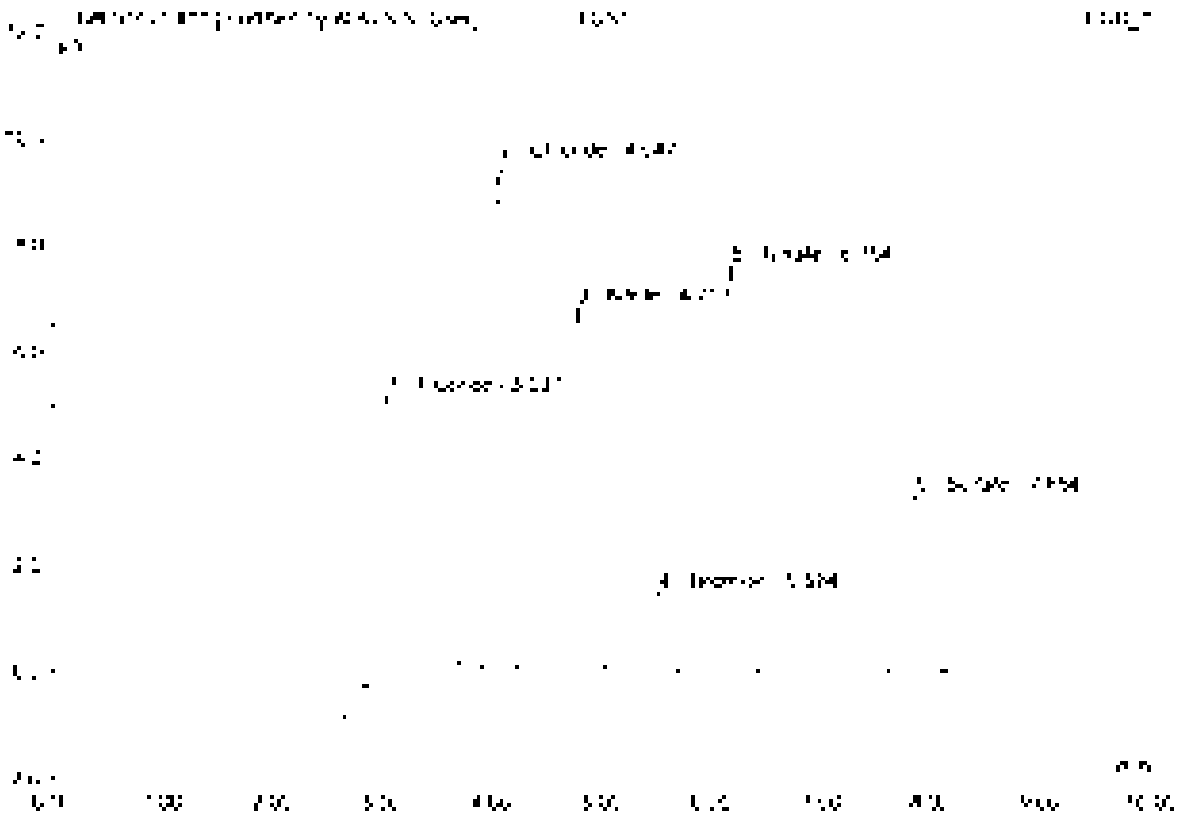
Sample Name	CCB1	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	5/18/2021 14:11	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.08	n.a.	0.543	1.873	100.00	n.a.	UVV
Total:			0.543	1.873	100.00	0.000	

11 LCS1

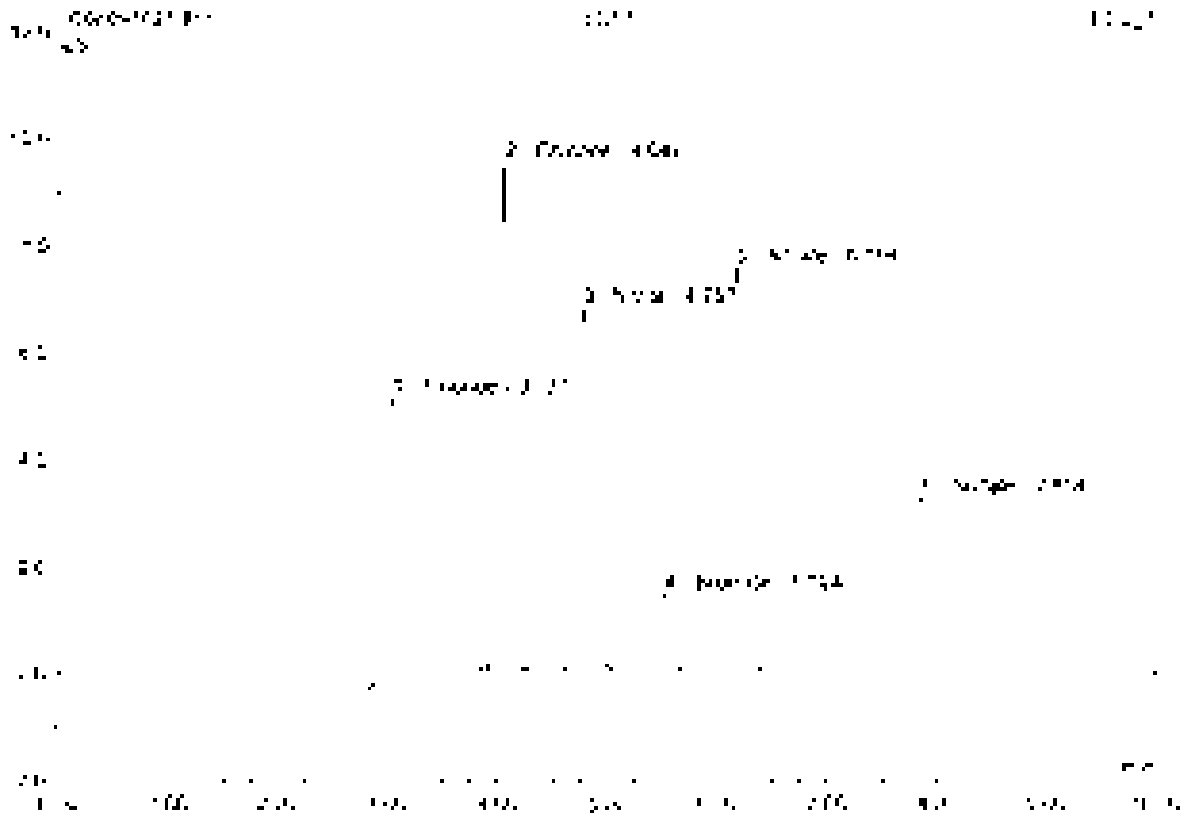
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n/a
Control Program	epa300	Bandwidth	n/a
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	8/16/2021 14:23	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	5.345	[illegible]	24.47	5.153	BV9F
2	4.05	Chloride	5.475	0.852	19.22	4.723	BV9F
3	4.76	Nitrite	6.796	0.874	19.47	2.545	BM0
4	5.52	Bromide	[illegible]	0.179	3.79	2.420	BM0
5	6.15	Nitrate	7.588	[illegible]	22.02	2.396	BV9
6	[illegible]	Sulfate	3.296	0.517	13.04	6.506	BV9
Total:			33.977	4.734	100.00	21.918	

11 LCS1

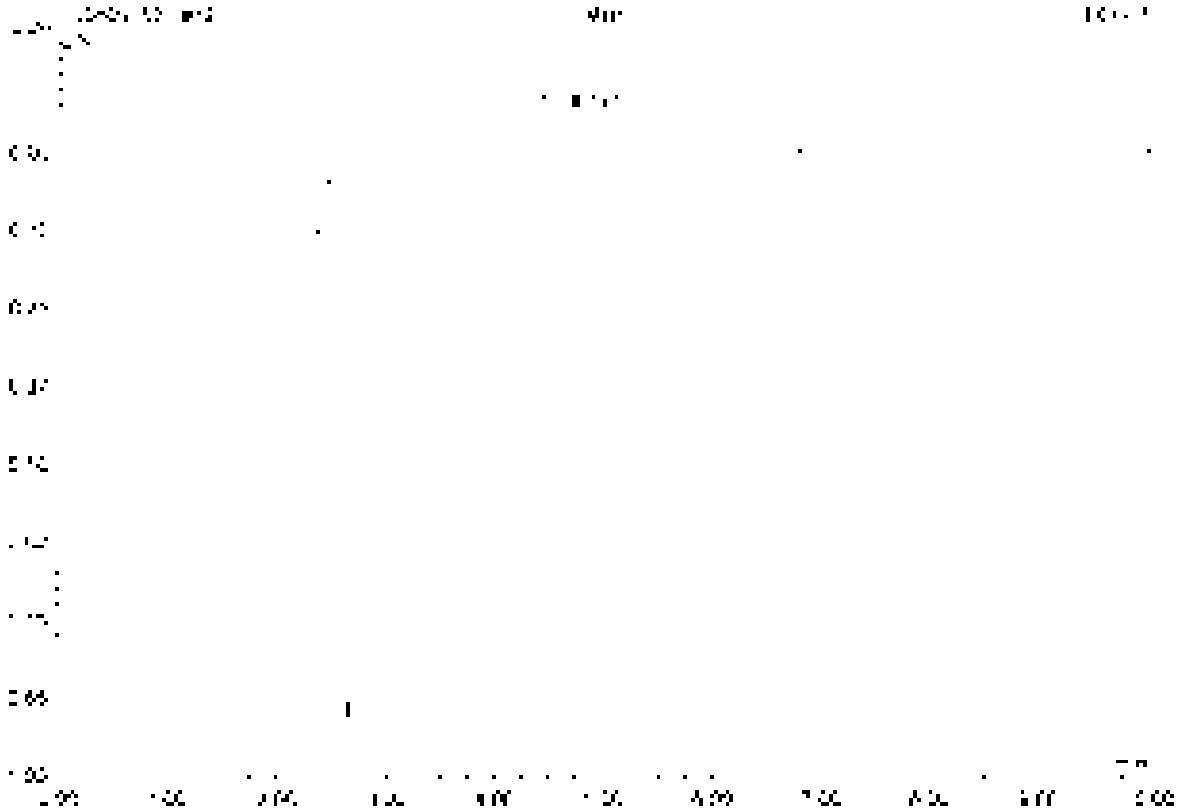
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Original	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Original Method	epa300	Dilution Factor	1.0000
Analysis Time	8/18/2023 14:23	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.08	Fluoride	5.377	1.231	25.00	5.474	BMB
2	4.05	Chloride	[illegible]	0.862	17.51	4.723	BVB
3	4.76	Nitrite	6.756	0.874	18.19	2.446	BVB
4	5.52	Bromide	[illegible]	0.170	3.72	2.430	BVB
5	6.15	Nitrate	7.555	1.042	21.05	2.359	BVB
6	7.85	Sulfate	3.299	0.517	12.54	4.836	BVB
Total:			34.002	4.606	100.00	22.240	

12 MB1

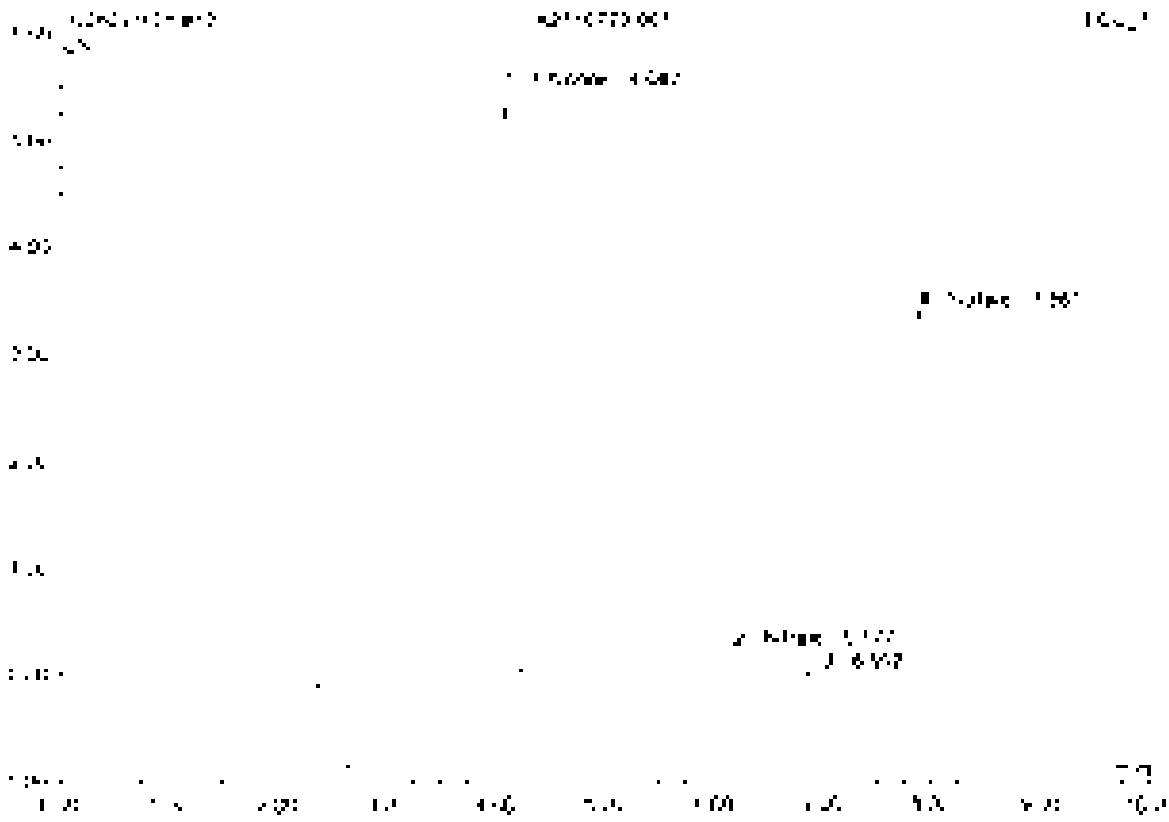
Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	5/18/2021 14:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	n.a.	[illegible]	[illegible]	100.00	n.a.	BMB
Total:			[illegible]	[illegible]	100.00	0.000	

13 K2110773-001

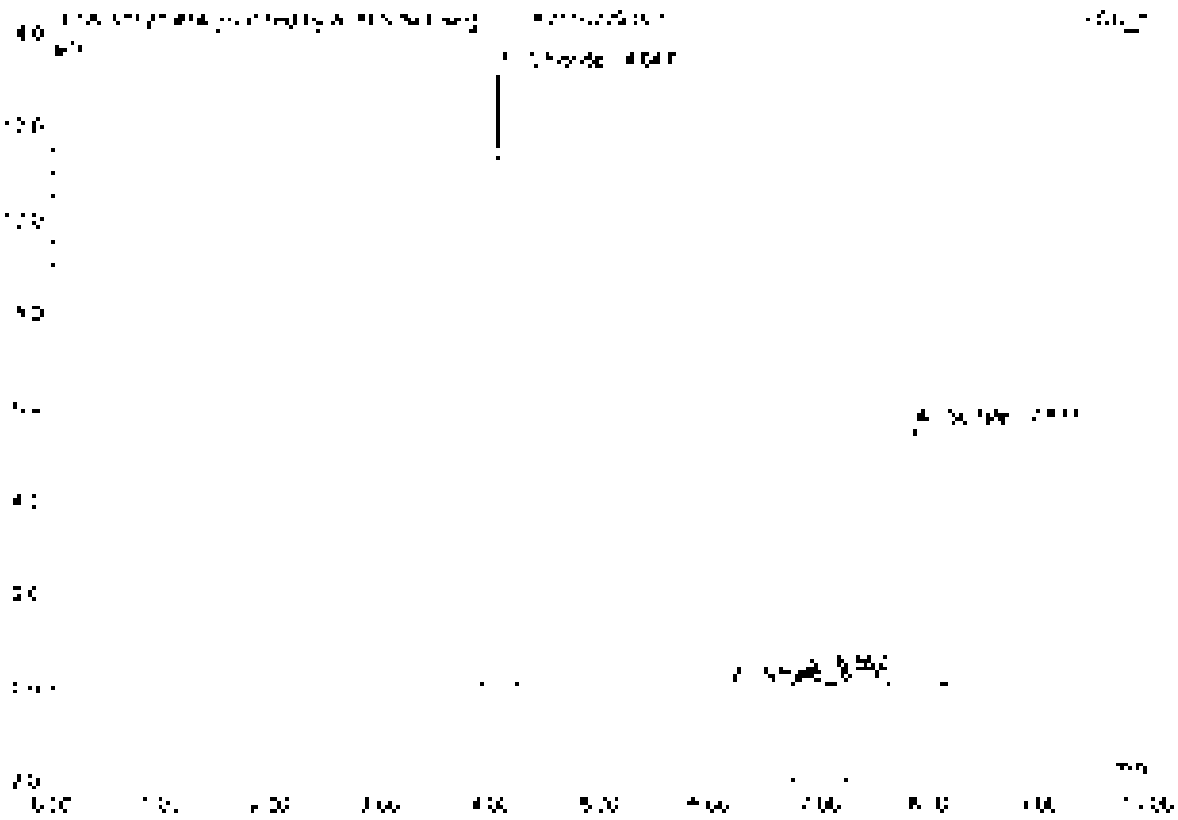
Sample Name	K2110773-001	Injection Volume	25.0
Vial Number	3	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	2.0000
Processing Time	9/16/2021 14:46	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	5.452	0.103	41.08	5.513	BMB
2	6.18	Nitrate	0.251	0.034	2.88	0.152	BMB
3	7.30	n.a.	0.071	0.006	0.53	n.a.	BVB
4	7.80	Sulfate	3.393	0.525	53.51	9.733	BVB
Total:			9.117	1.158	100.00	15.399	

14 K2110779-001

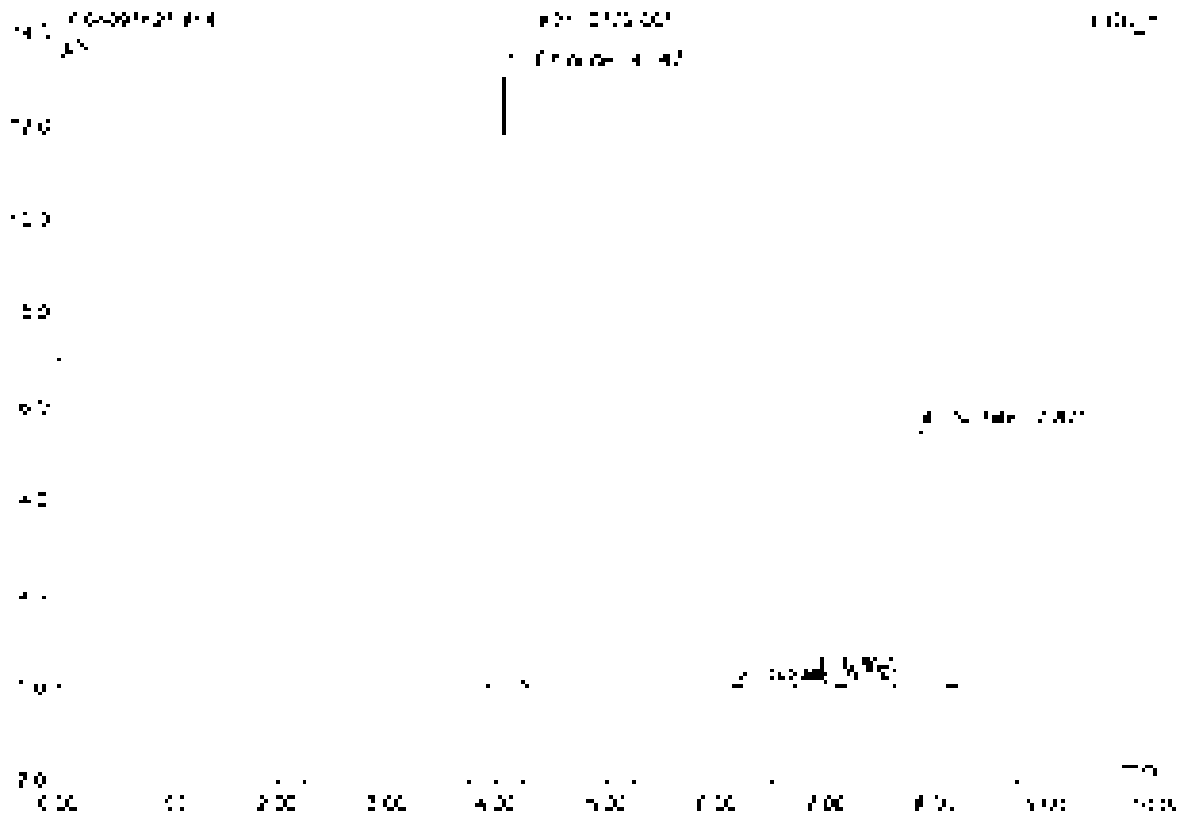
Sample Name	K2110779-001	Injection Volume	25.0
Vial Number	4	Channel	ECD: 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	9/16/2021 14:57	Sample Weight	1.0000
Run Time (max.)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	[illegible]	[illegible]	52.27	[illegible]	BMB
2	[illegible]	Nitrate	0.034	[illegible]	0.21	0.022	BMB*
3	6.87	n.a.	0.065	0.060	2.66	n.a.	BMB
4	7.87	Sulfate	5.527	0.256	42.86	15.403	BMB
Total:			18.966	2.250	100.00	28.588	

14 K2110779-001

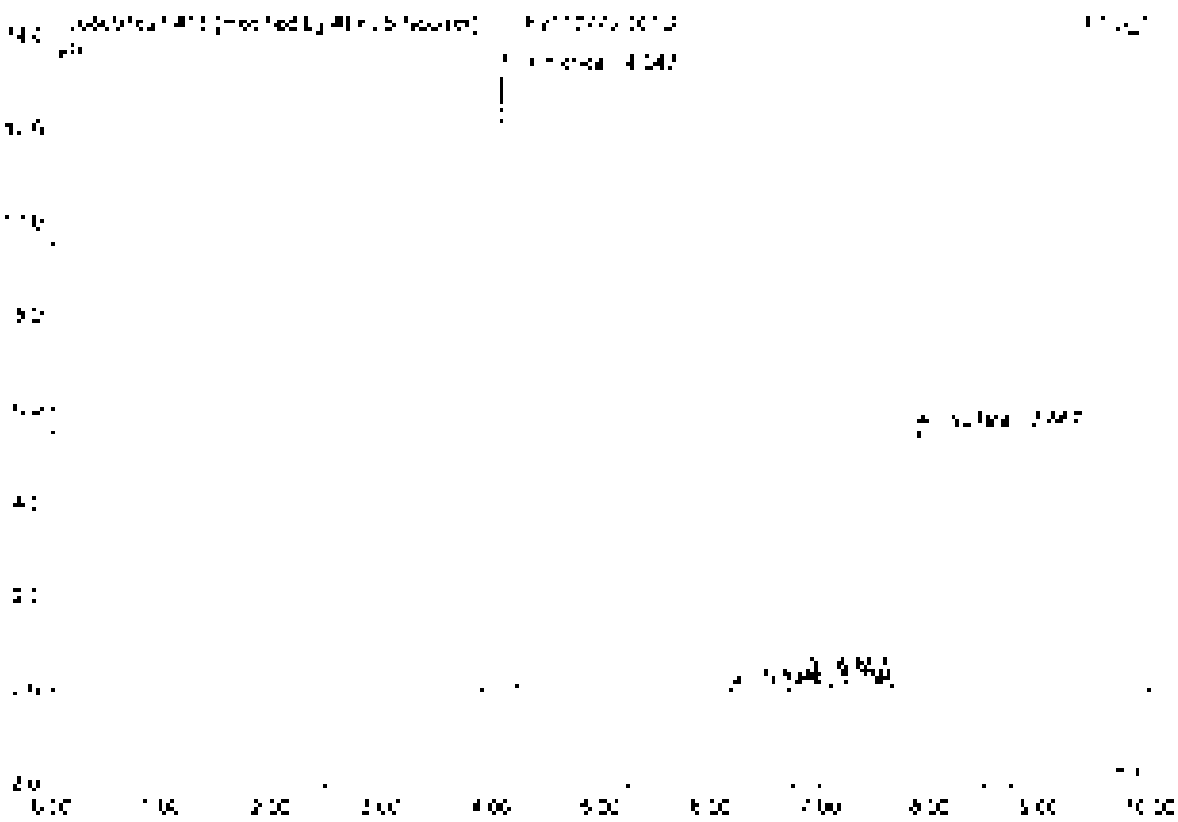
Sample Name	K2110779-001	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Processing Time	5/18/2021 14:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.65	Chloride	70.147	1.202	50.15	10.153	BMB
2	6.19	Nitrate	0.047	0.015	0.63	0.044	BMB
3	6.87	n.a.	0.265	0.050	2.08	n.a.	BMB
4	7.82	Sulfate	5.521	0.999	47.14	15.403	BMB
Total:			76.974	2.251	100.00	25.600	

15 K2110779-001D

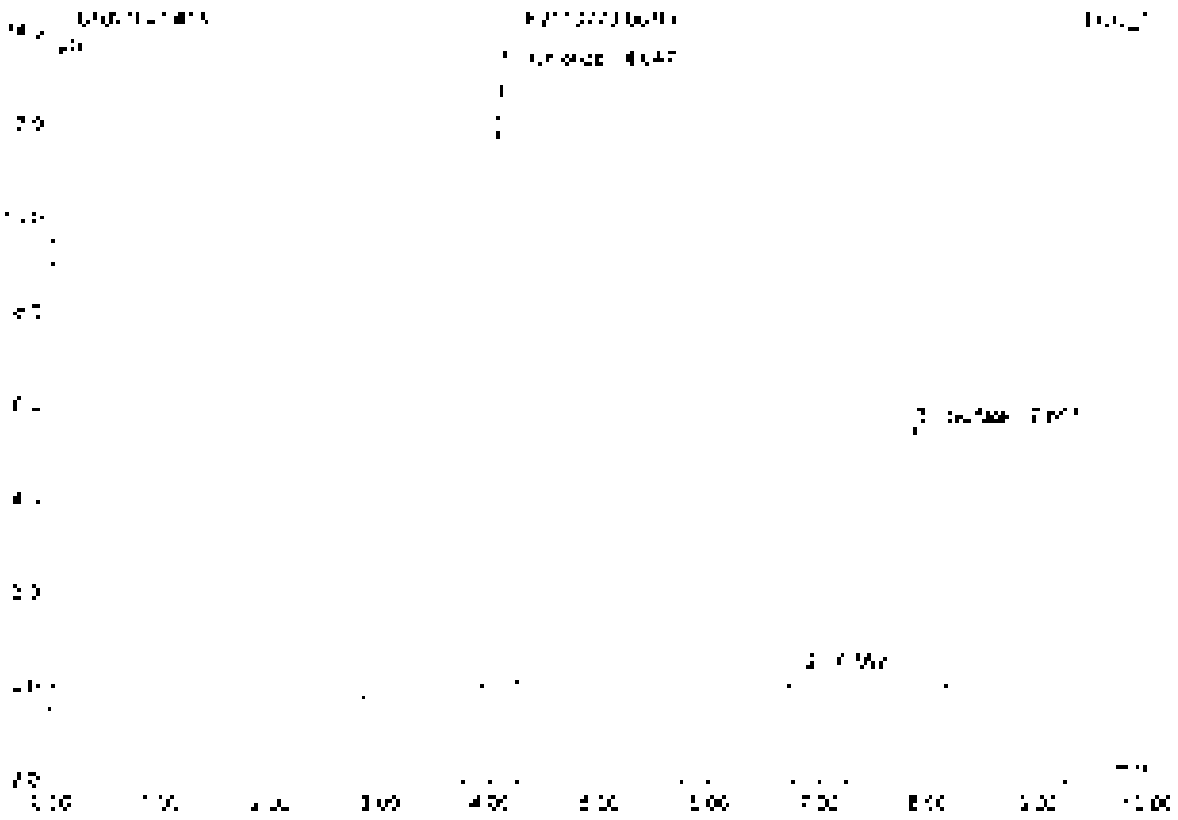
Sample Name	K2110779-001D	Injected Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Service Engineer	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	2.0000
Acquiring Time	9/15/2021 15:09	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	[illegible]	[illegible]	53.40	[illegible]	BMB
2	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BVB
3	6.87	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BVB
4	7.87	Sulfate	[illegible]	[illegible]	40.75	[illegible]	BVB
Total:			[illegible]	[illegible]	100.00	[illegible]	

15 K2110779-001D

Sample Name	K2110779-001D	Injection Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Source Program	epa300	Bandwidth	n.a.
Source Method	epa300	Dilution Factor	2.0000
Recovery Time	9/15/2021 15:09	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



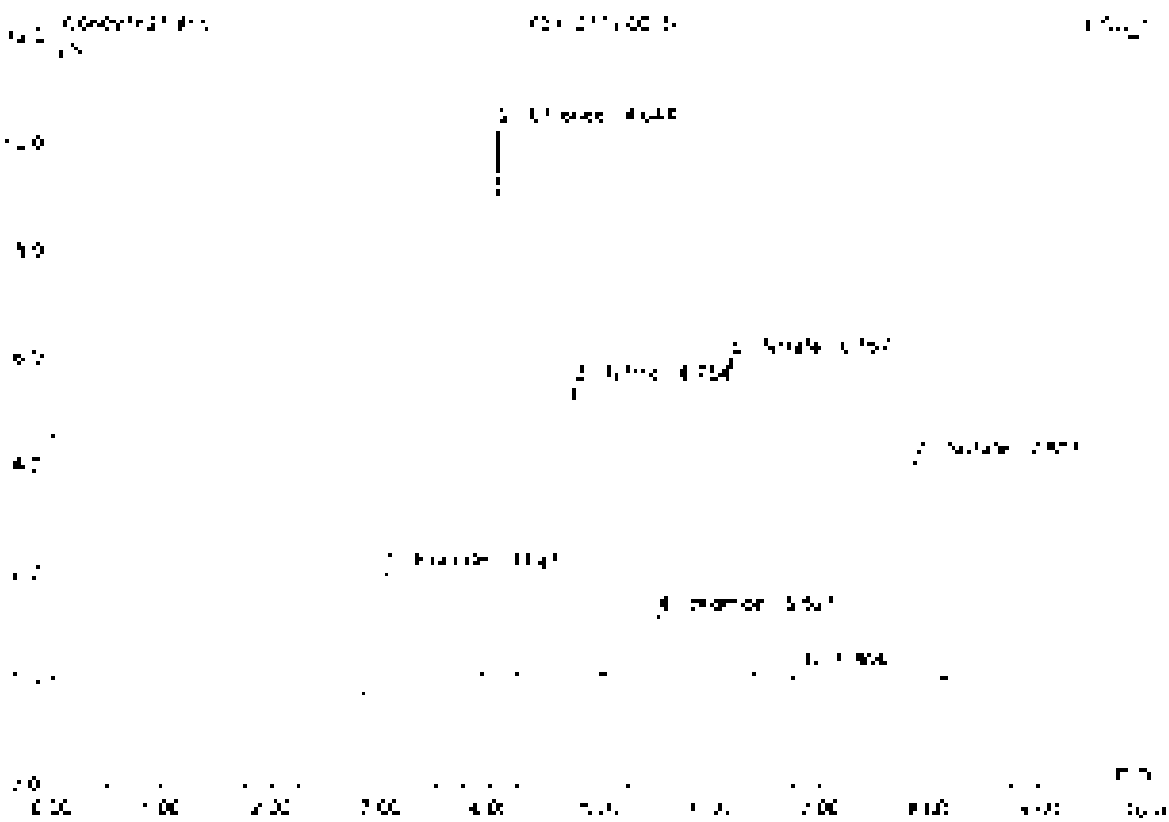
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chlordane	[illegible]	[illegible]	52.51	[illegible]	BVR
2	6.87	n.a.	0.265	0.360	2.55	n.a.	BMB
3	[illegible]	Surrogate	[illegible]	[illegible]	43.84	[illegible]	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

[illegible]

[illegible]

16 K2110779-001S

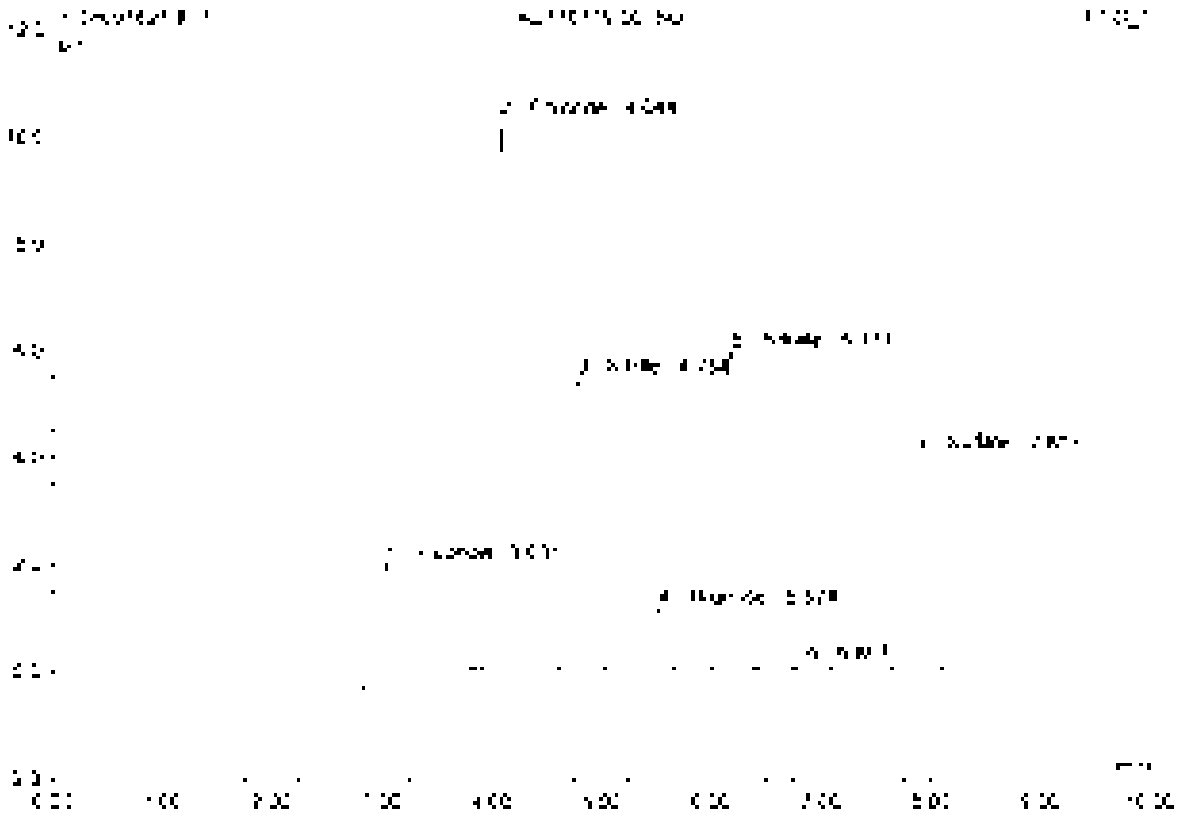
Sample Name	K2110779-001S	Injection Volume	25.0
Vial Number	6	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Operator Method	epa300	Dilution Factor	1.0000
Acquisition Time	5/1/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	2.254	0.555	14.10	9.928	BMB
2	4.04	Chloride	10.951	0.937	23.74	20.599	BVB
3	4.75	Nitrite	5.448	0.721	17.75	7.551	BVB
4	5.52	Bromide	1.172	0.145	3.57	2.847	BVB
5	6.17	Nitrate	5.967	0.834	21.19	7.577	BVB
6	6.86	n.a.	3.101	0.302	7.61	n.a.	BVB
7	7.80	Sulfate	4.271	0.775	19.53	21.070	BVB
Total:			29.285	3.949	100.00	76.762	

17 K2110779-001SD

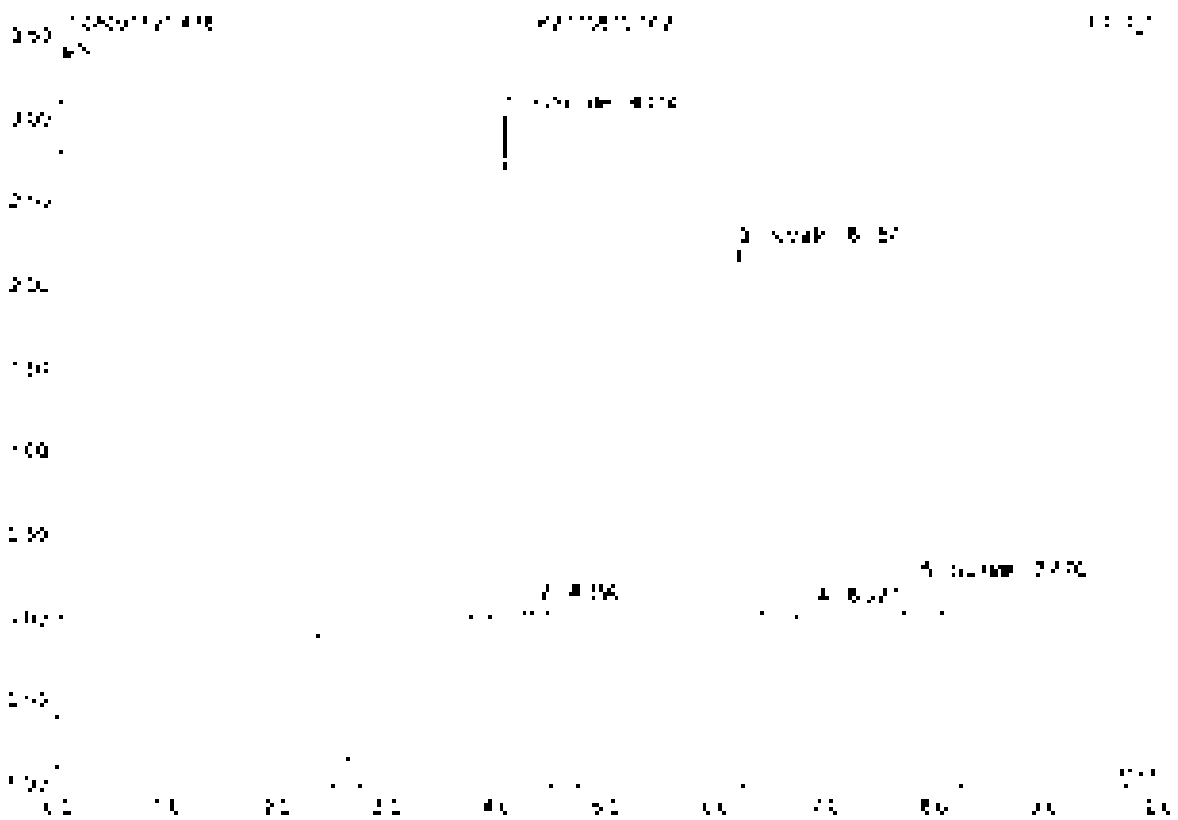
Sample Name	K2110779-001SD	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	4.0000
Recording Time	9/16/2021 15:32	Sample Weight	1.0000
Run Time (min)	16.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.90	Fluoride	2.235	0.559	[illegible]	9.938	BMB
2	4.04	Chloride	10.287	0.949	23.74	20.590	BVB
3	4.75	Nitrite	5.450	0.704	17.75	7.887	BVB
4	5.62	Bromide	[illegible]	0.145	3.63	7.855	BVB
5	[illegible]	Nitrate	5.994	0.841	21.25	[illegible]	BVB
6	6.87	[illegible]	0.715	0.030	0.76	n.a.	BVB
7	7.80	Sulfate	4.368	0.739	18.68	20.576	BVB
Total:			29.344	3.952	100.00	75.911	

18 K2110810-002

Sample Name	K2110810-002	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Processing Time	9/16/2021 15:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.35	Chlordane	3.018	0.257	47.15	3.360	BVB
2	4.39	n.a.	0.078	0.008	[illegible]	n.a.	BVB
3	6.19	Mirex	2.222	0.317	47.56	1.435	BVB
4	6.41	n.a.	0.060	0.000	0.00	n.a.	BMB
5	7.87	Endrin	0.206	0.028	5.29	0.424	BMB
Total:			5.587	0.667	100.00	5.219	

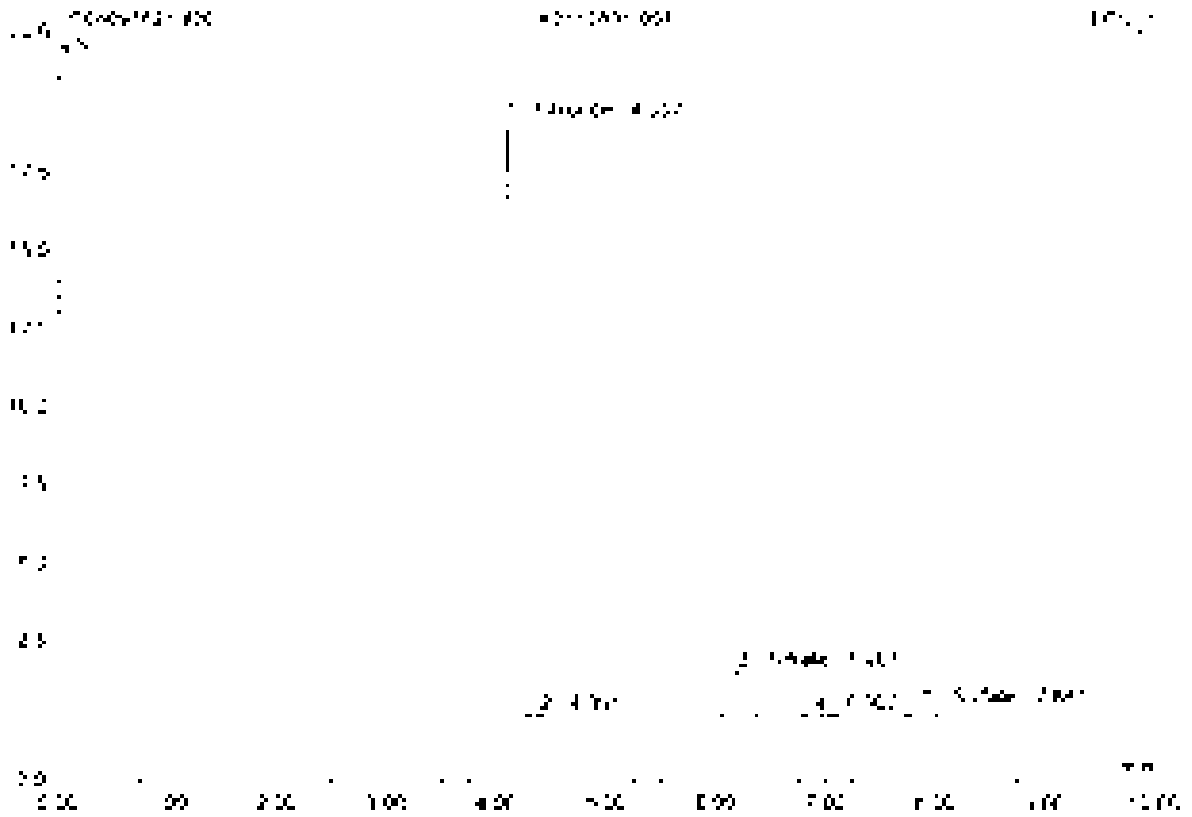
19 K2110810-003

Sample Name	K2110810-003	Injection Volume	25.0
Vial Number	9	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Recording Time	8/16/2021 15:59	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	2.925	0.272	38.72	2.381	BMB
2	5.39	n.a.	0.018	0.006	0.83	n.a.	BMB
3	6.13	Nitrate	2.406	0.342	48.67	1.548	BMB
4	6.93	n.a.	0.062	0.021	2.95	n.a.	BMB
5	[illegible]	Sulfate	0.342	0.062	8.83	0.566	BMB
Total:			5.754	0.701	100.00	4.454	

20 K2110831-001

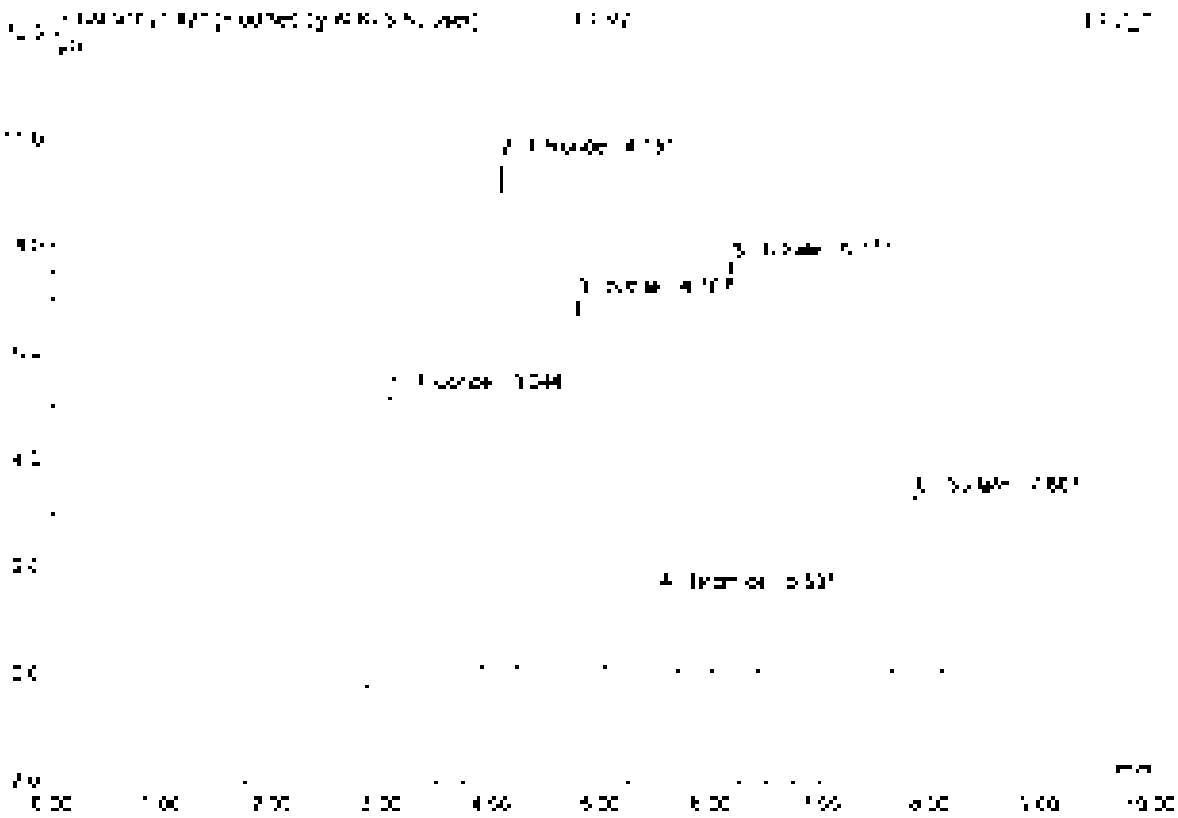
Sample Name	K2110831-001	Injection Volume	25.0
Vial Number	20	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Barometer	n.a.
Operator Method	epa300	Dilution Factor	2.0000
Recording Time	[illegible] 17:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.06	Chloride	[illegible]	[illegible]	64.44	[illegible]	BMB
2	4.39	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
3	6.20	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
4	6.91	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
5	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

21 CCV2

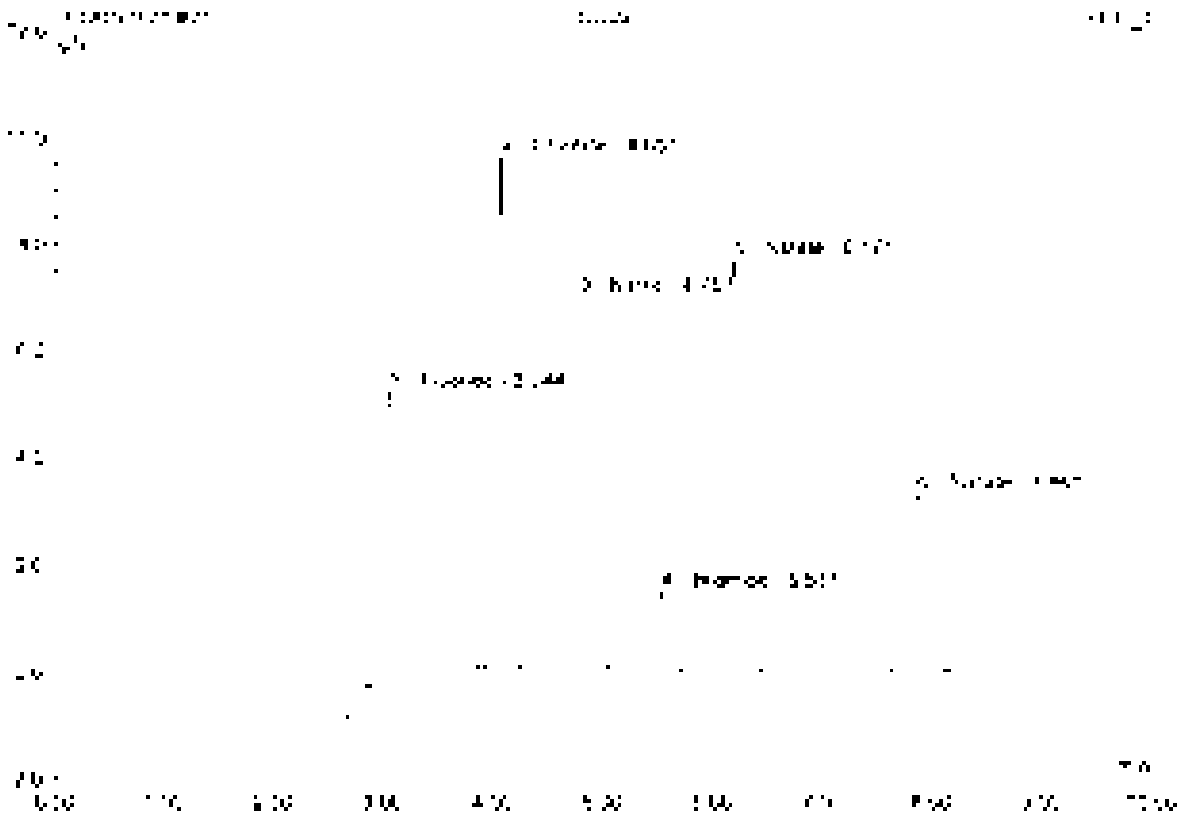
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Calibration Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	9/16/2021 18:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.64	Fluoride	5.614	1.190	24.71	5.295	BV*H*
2	4.05	Chloride	5.553	0.871	18.07	4.769	BV*H*
3	4.77	Nitrite	6.362	0.895	18.59	2.508	BM*E
4	5.53	Bromide	1.479	0.180	3.74	2.640	BV*B
5	6.17	Nitrate	7.301	1.050	21.80	2.396	BM*U
6	7.90	Sulfate	3.320	0.577	11.91	4.943	BV*U
Total:			34.425	4.817	100.00	22.549	

21 CCV2

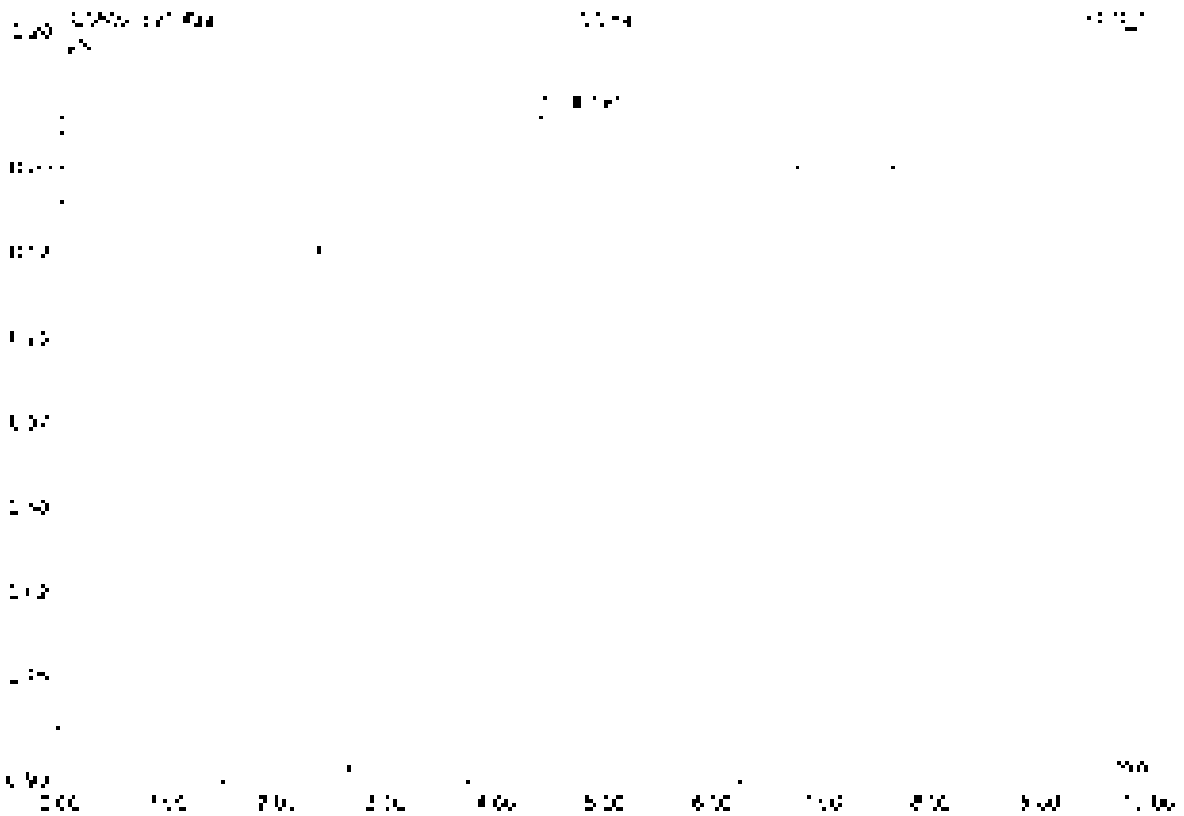
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 18:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	5.440	[illegible]	25.59	5.578	BMB
2	4.05	Chloride	9.515	0.871	[illegible]	4.765	BMB
3	4.77	Nitrite	6.497	0.596	18.35	2.508	BMB
4	5.53	Bromide	1.475	0.160	3.60	2.440	BMB
5	5.17	Nitrate	7.701	[illegible]	21.65	2.256	BMB
6	[illegible]	Sulfate	3.320	0.622	12.74	4.843	BMB
Total:			34.462	[illegible]	100.00	22.572	

22 CCB2

Sample Name	CCB2	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantit. Method	apa300	Dilution Factor	1.0000
Recording Time	9/16/2021 18:20	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

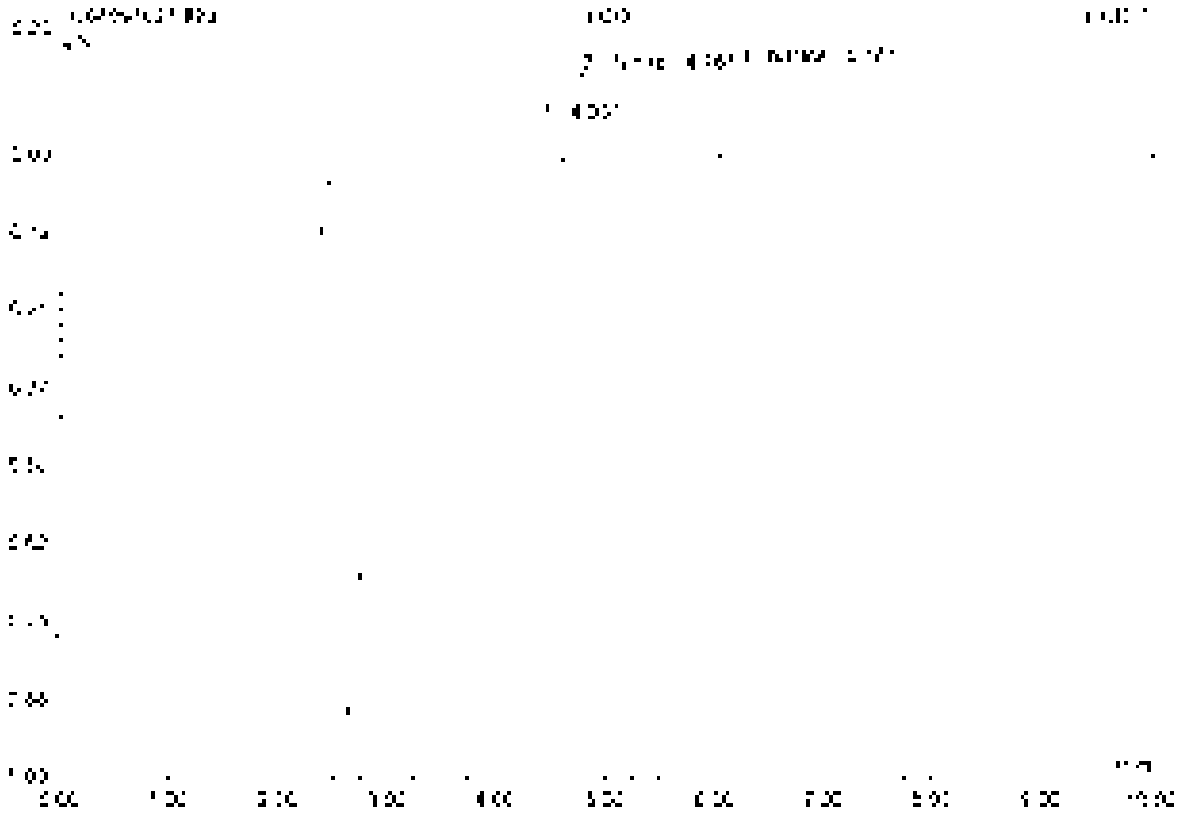


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.39	n.a.	3.661	2.350	100.00	n.a.	BVB
Total: :			3.661	2.350	100.00	0.000	

23 LOD

..NR..

Sample Name	LOD	Injection Volume	25.0
Vial Number	10	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Processing Time	9/16/2021 16:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

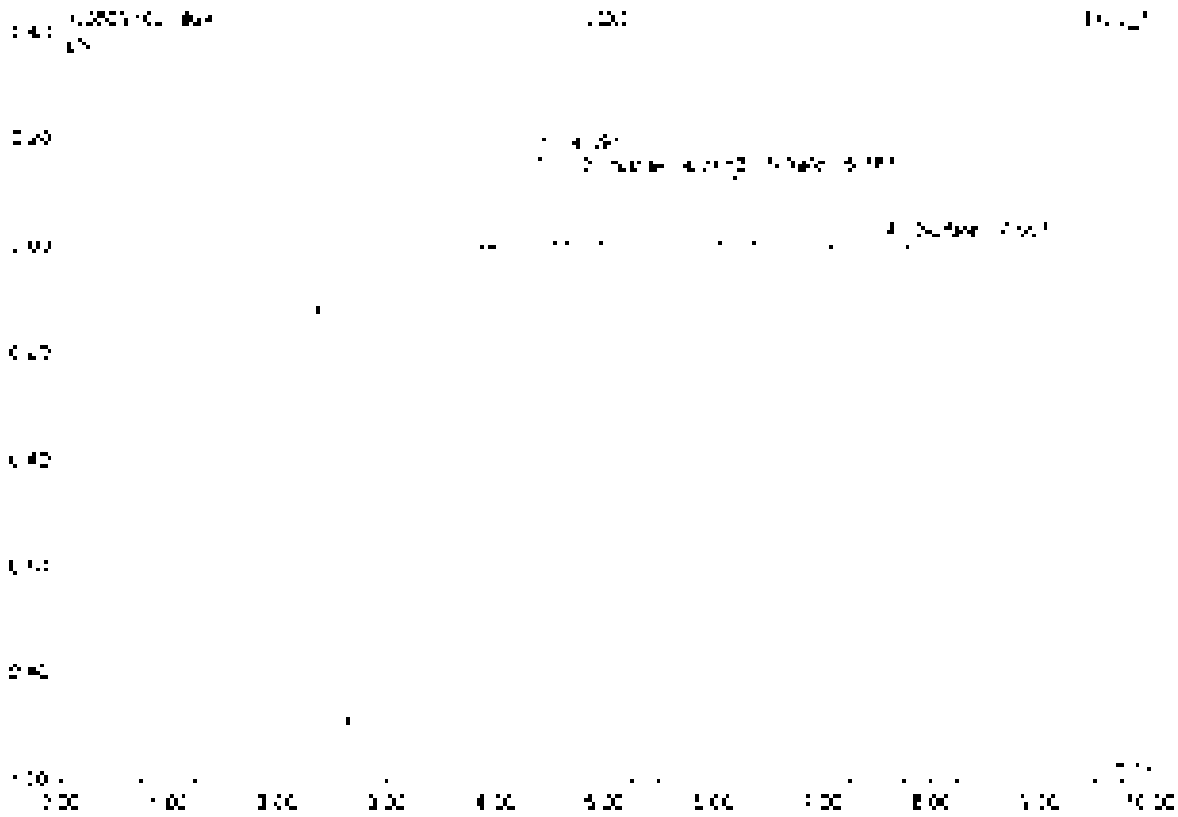


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.09	n.a.	0.100	0.524	93.48	n.a.	BMB
2	4.75	Nitrite	0.133	0.017	3.02	0.047	SMB
3	6.15	Nitrate	0.141	0.020	3.50	0.044	HMB
Total:			0.424	0.560	100.00	0.092	

24 LOD

--NR--

Sample Name	LOD	Injection Volume	25.0
Vial Number	11	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Processing Time	5/16/2021 18:48	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

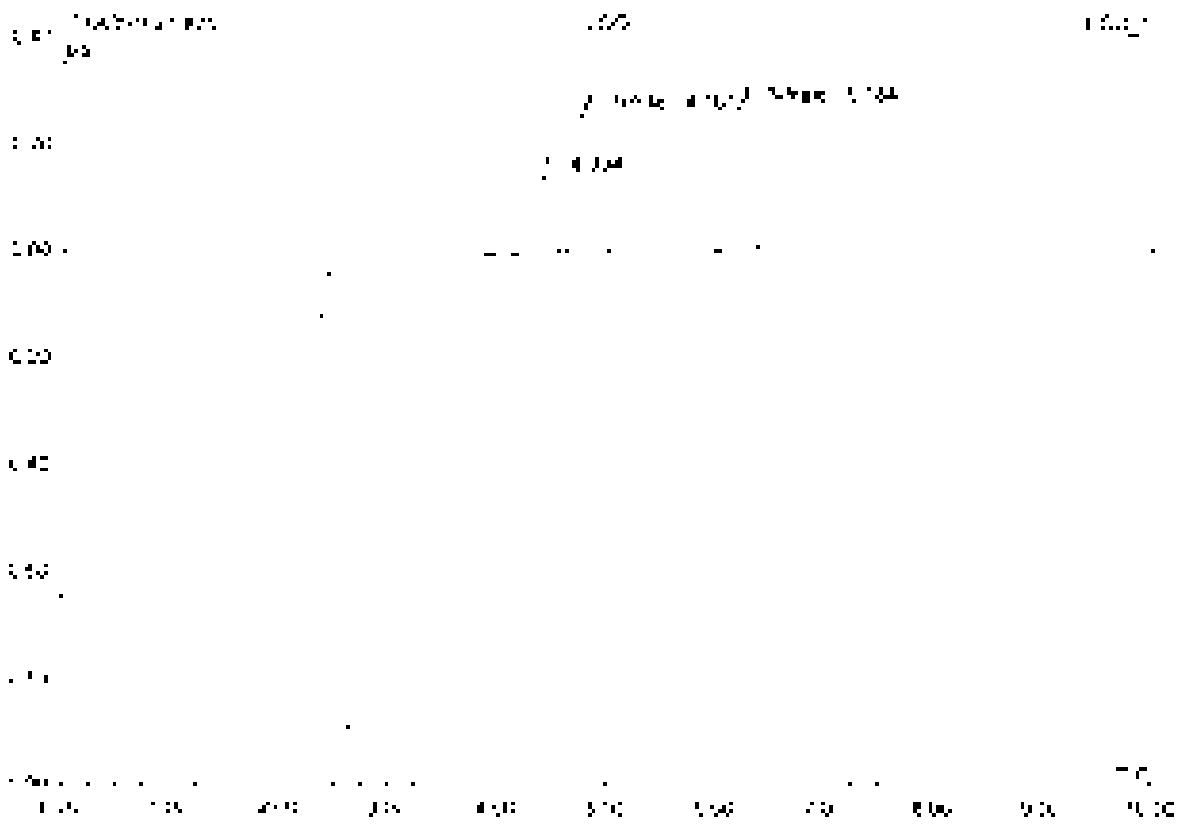


No	Ret. time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	4.30	n.a.	0.171	0.020	33.47	n.a.	BMB
2	4.76	Nitrite	0.126	0.015	26.14	0.045	BVB
3	6.70	Nitrate	0.129	0.015	29.31	0.040	BVB
4	7.56	Sulfate	0.012	0.007	11.08	0.053	BVB
Total			0.439	0.061	100.00	[illegible]	

25 LOQ

--NR--

Sample Name	LOQ	Injection Volume	25.0
Vial Number	12	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/14/2021 10:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

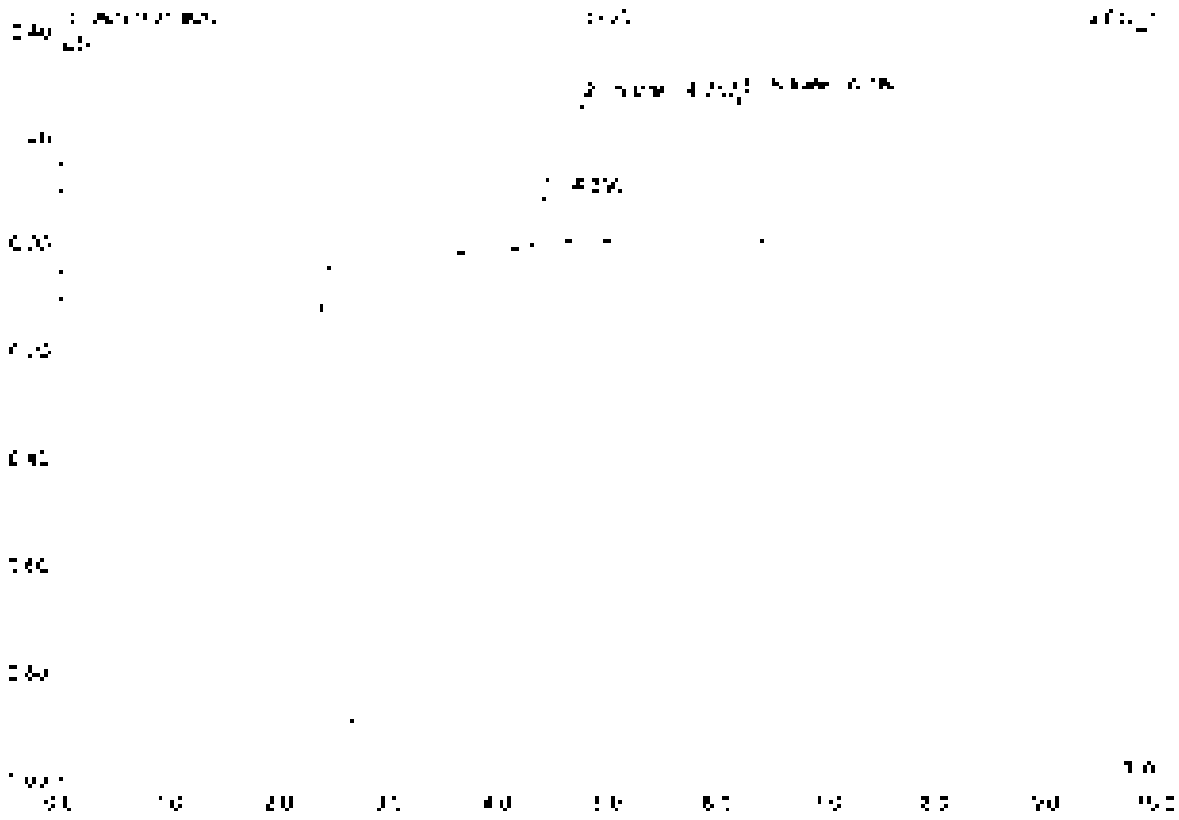


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.39	n.a.	0.147	0.019	20.31	n.a.	BV3
2	4.75	Nitrite	0.259	0.033	34.04	0.092	pVB
3	6.15	Nitrate	0.236	0.038	40.66	0.085	VV0
Total:			0.677	0.093	100.00	0.177	

26 LOQ

--NR--

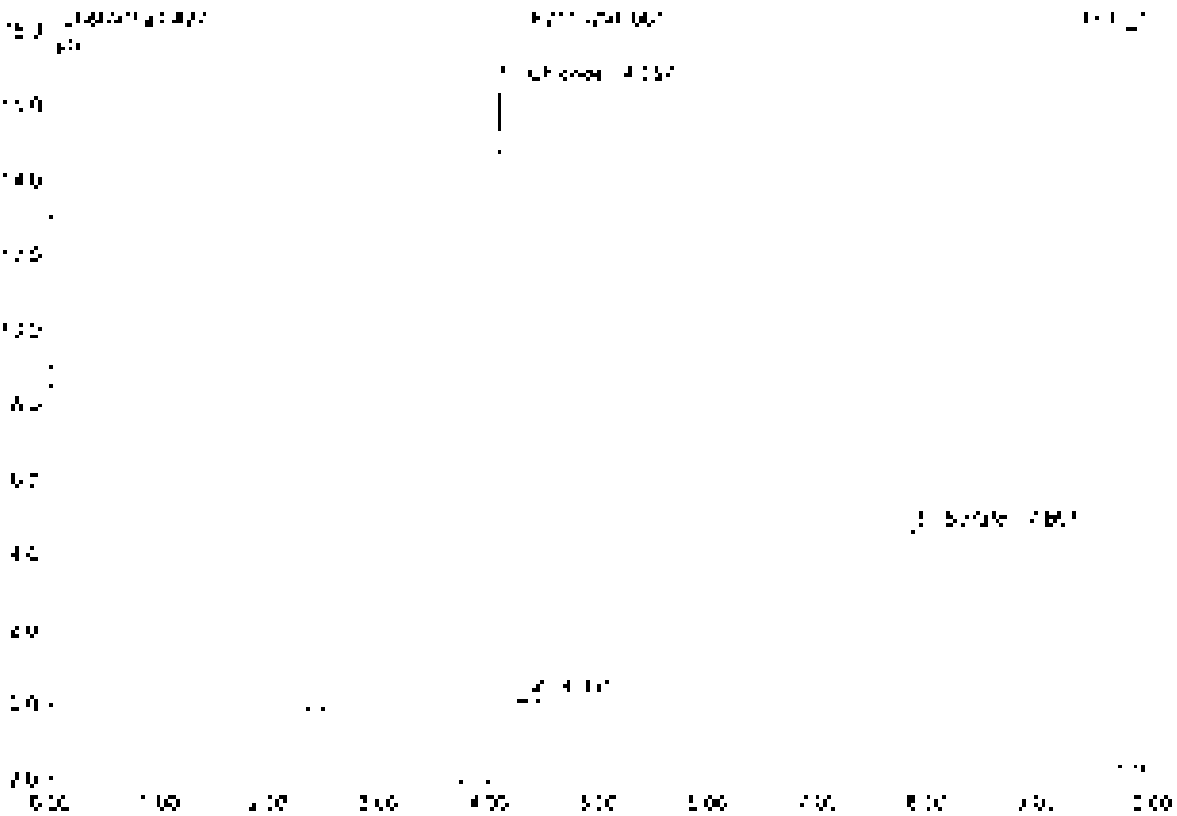
Sample Name	LOQ	Injection Volume	25.0
Vial Number	13	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	9/16/2021 19:09	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.39	n.a.	0.393	0.014	15.51	n.a.	BV9
2	4.95	Nitrite	0.264	0.003	35.89	0.062	BMB
3	6.15	Nitrate	0.274	0.038	48.60	0.057	BV9
Total:			0.931	0.085	100.00	0.119	

27 K2110291-001

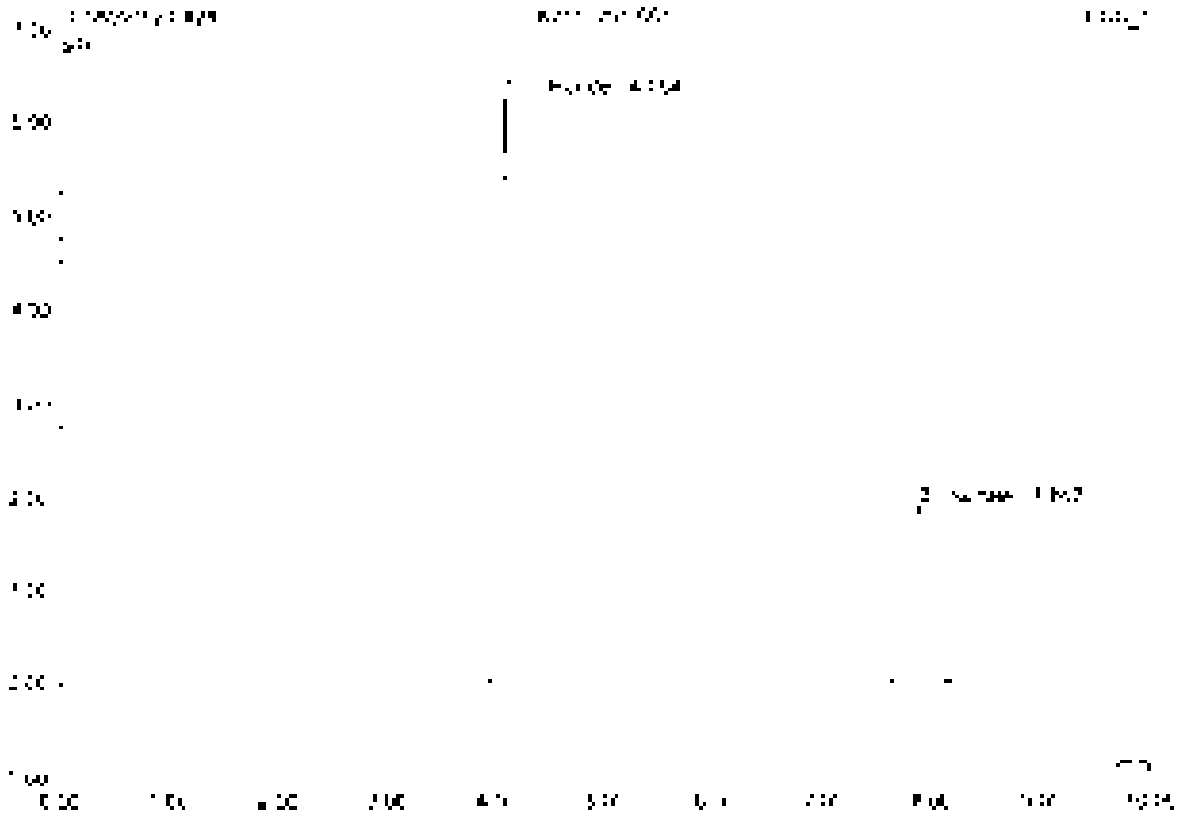
Sample Name	K2110291-001	Injection Volume	25.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Method Filename	epa300	Solvent	n.a.
Data Filename	epa300	Dilution Factor	40.0000
Recording Time	9/15/2021 20:01	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.06	Chlorate	[illegible]	[illegible]	62.56	[illegible]	BVB
2	4.39	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BVB
[illegible]	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BVB
Total:			[illegible]	[illegible]	100.00	[illegible]	

28 K2110291-001

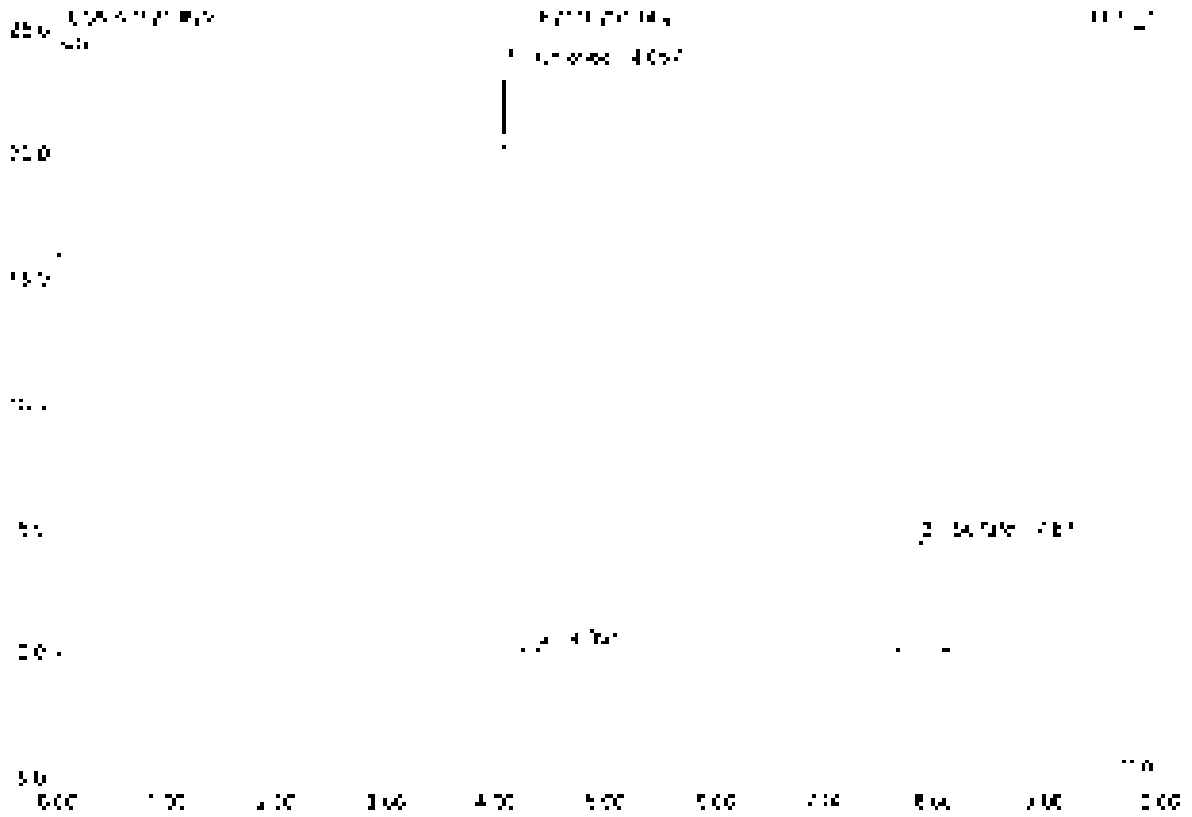
Sample Name	K2110291-001	Injection Volume	25.0
Vial Number	16	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Method Filename	epa300	Bandwidth	n.a.
Method Name	epa300	Dilution Factor	100.0000
Recording Time	9/16/2021 20:13	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.03	Chloride	6.282	0.574	61.5*	314.138	BMB
2	7.37	Sulfate	5.874	0.358	38.55	215.850	BMB
Total			8.117	0.928	100.00	529.988	

29 K2110291-002

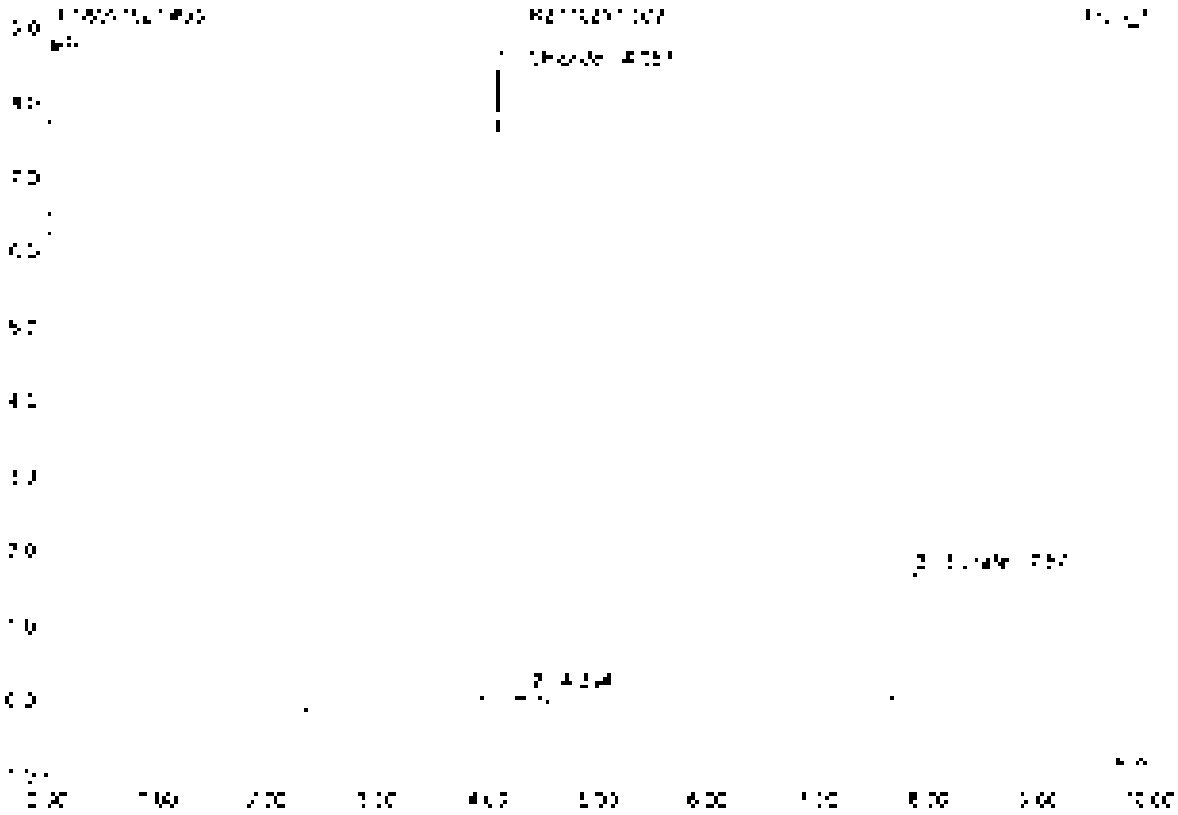
Sample Name:	K2110291-002	Injection Volume:	25.0
Vial Number:	17	Channel:	ECD 1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Control Method:	epa300	Dilution Factor:	40.0000
Recording Time:	9/16/2021 20:24	Sample Weight:	1.0000
Run Time (min):	10.00	Sample Amount:	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.30	Chlorate	23.370	2.075	71.04	454.65	BV8
2	4.39	n.a.	0.074	0.000	0.22	n.a.	BV8
3	7.82	Sulfate	4.597	0.839	28.73	261.37	BV8
Total:			27.257	2.921	100.00	716.03	

30 K2110291-002

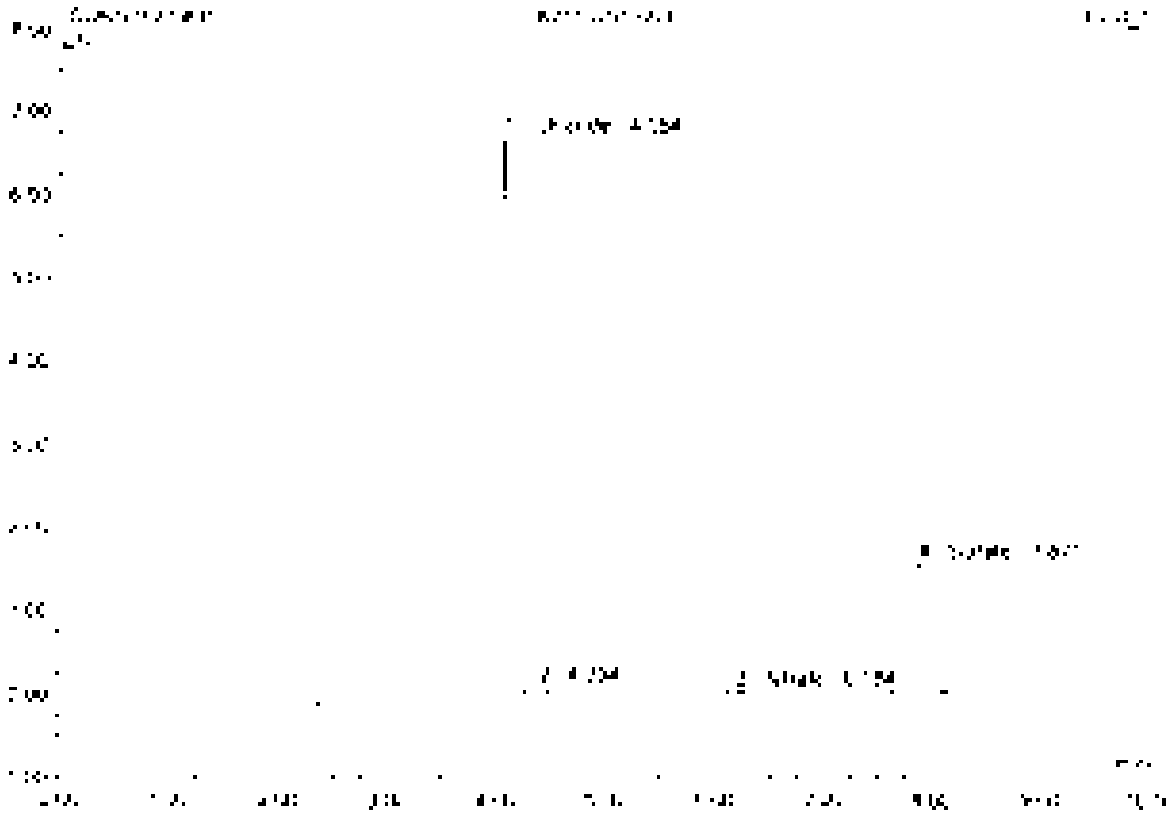
Sample Name	K2110291-002	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Data File Name	epa300	Bandwidth	n.a.
Method Name	epa300	Dilution Factor	100.0000
Acquisition Time	9/16/2021 20:36	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	8.436	0.765	66.88	42.644	BV9
2	4.39	n.a.	0.098	0.009	0.85	n.a.	BV9
3	7.83	Sulfate	[illegible]	0.342	29.27	210.870	BV9
Total:			10.244	1.101	100.00	672.313	

31 K2110291-003

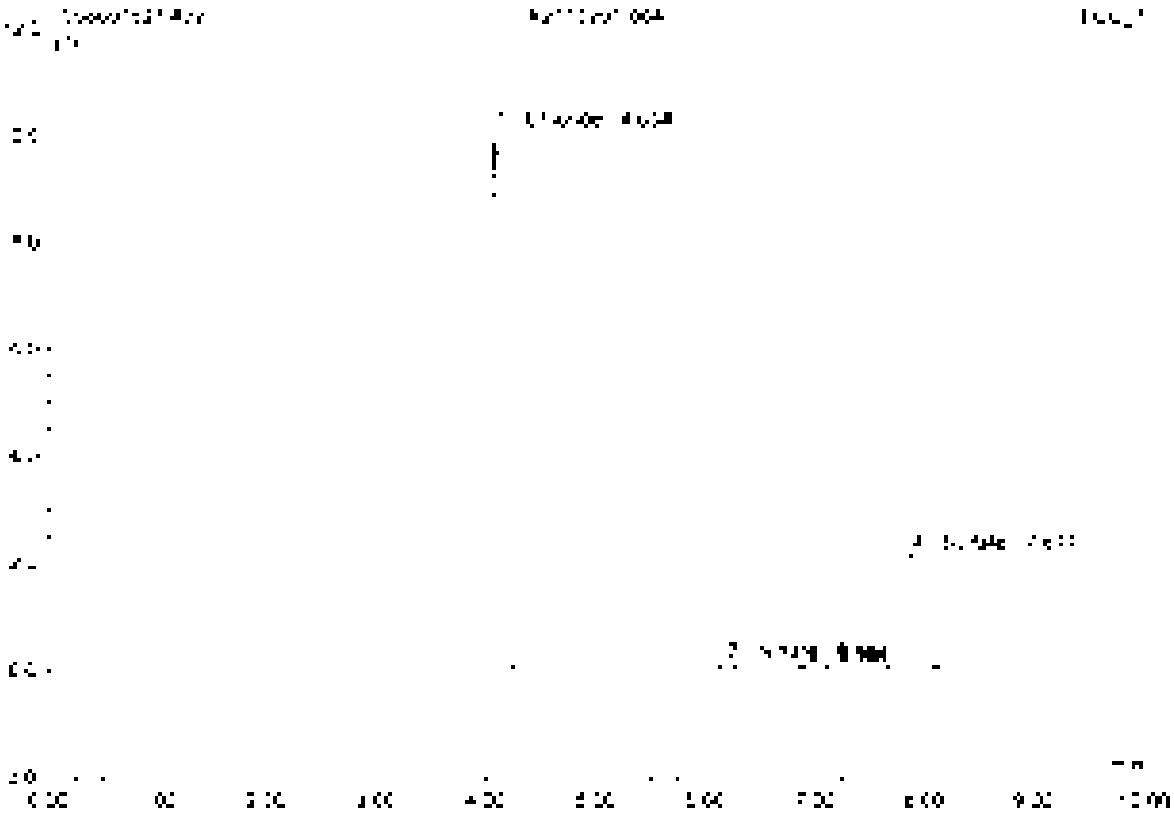
Sample Name	K2110291-003	Injection Volume	25.0
Vial Number	19	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	40.0000
Recording Time	9/18/2021 20:47	Sample Weight	1.0000
Run Time (min)	19.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.35	Chloride	0.591	0.614	56.42	134.536	BV8
2	4.39	n.a.	0.072	0.007	0.60	n.a.	BV8
3	6.15	Nitrate	0.044	0.007	0.71	0.560	BV8
4	7.87	Sulfate	1.572	0.207	32.08	92.355	BV8
Total:			8.330	0.935	100.00	227.451	

32 K2110291-004

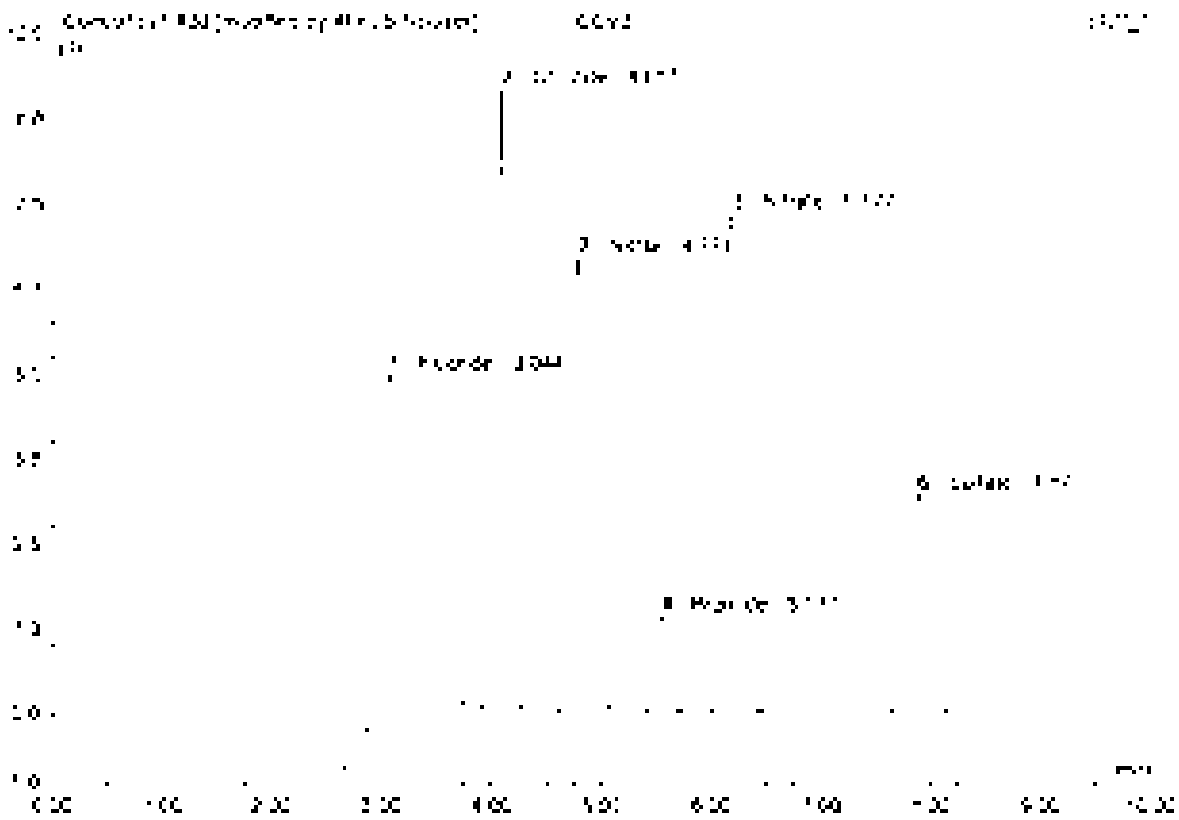
Sample Name	K2110291-004	Injection Volume	25.0
Vial Number	20	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	9/16/2021 20:59	Sample Weight	1.0000
Run Time [min]	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	[illegible]	0.972	[illegible]	[illegible]	BMB
2	6.13	Nitrate	0.142	0.020	[illegible]	0.061	BMB
3	6.53	[illegible]	0.057	0.021	[illegible]	n.a.	BMB
4	7.86	Sulfate	2.700	0.395	25.34	6.152	BMB
Total:			12.442	[illegible]	100.00	16.345	

33 CCV3

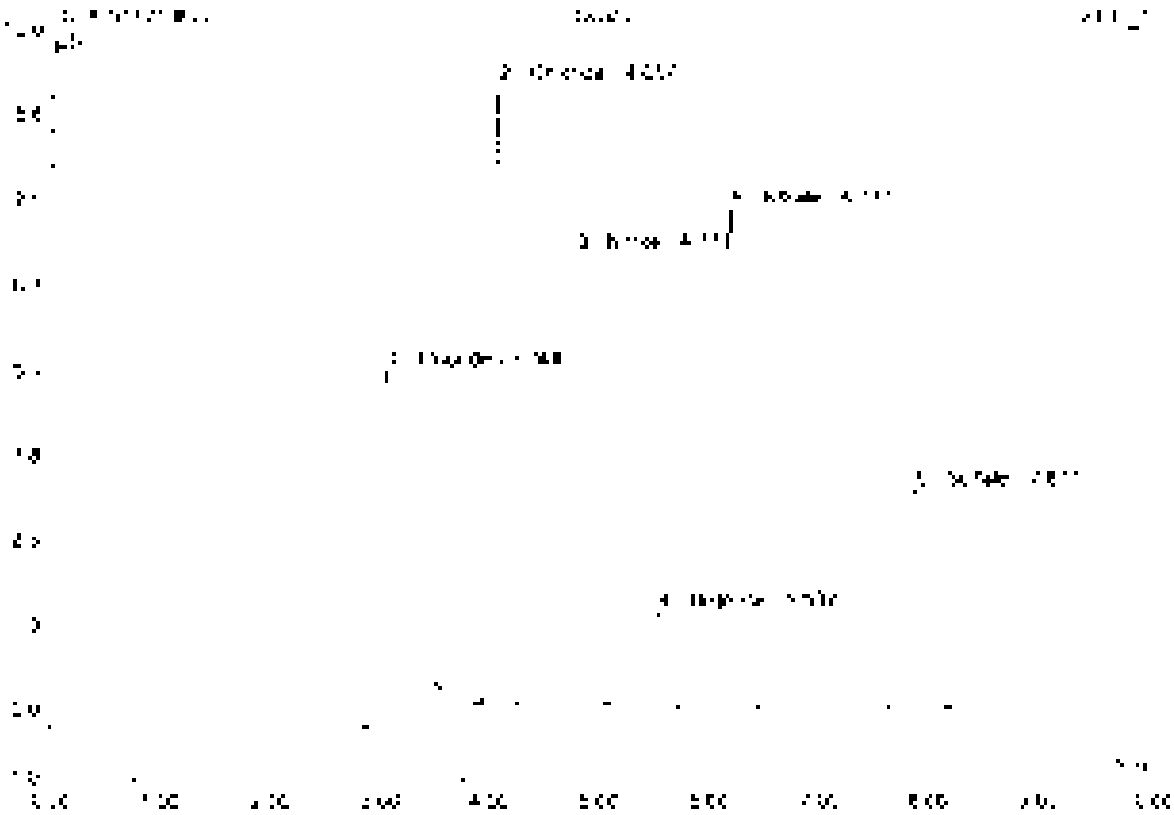
Sample Name	CCV3	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/16/2021 21:11	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	5.783	[illegible]	24.29	5.720	BMBT
2	4.06	Chloride	9.099	0.830	18.00	4.558	BMBT
3	4.37	Nitrite	6.059	0.856	18.50	2.396	BMB
4	5.56	Bromide	[illegible]	0.172	3.72	2.232	BMB
5	6.18	Nitrate	7.044	1.009	21.80	2.284	BMB
6	7.87	Sulfate	9.221	0.504	10.06	[illegible]	BMB
Total:			37.313	4.525	100.00	[illegible]	

33 CCV3

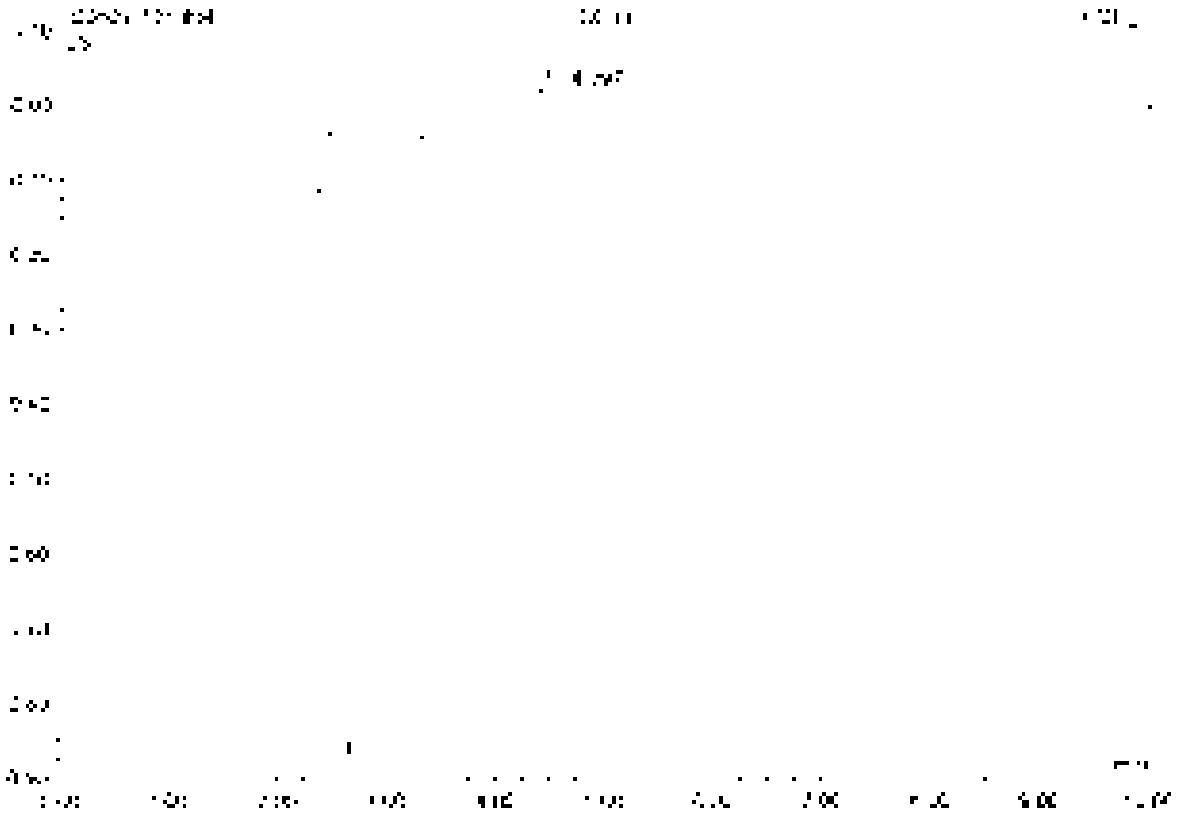
Sample Name	CCV3	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Client Method	epa300	Dilution Factor	1.0000
Recording Time	9/15/2021 21:11	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.54	Fluoride	5.206	[illegible]	25.80	5.372	BMB
2	4.36	Chloride	9.003	0.925	17.73	4.542	BMB
3	4.77	Nitrite	6.655	0.956	18.29	2.395	BMB
4	5.54	Bromide	1.414	0.152	2.96	2.372	BMB
5	5.78	Nitrate	7.344	1.300	24.88	2.284	BMB
6	7.87	Sulfate	3.771	0.604	12.34	4.703	BMB
Total:			32.930	4.678	100.00	21.630	

34 CCB3

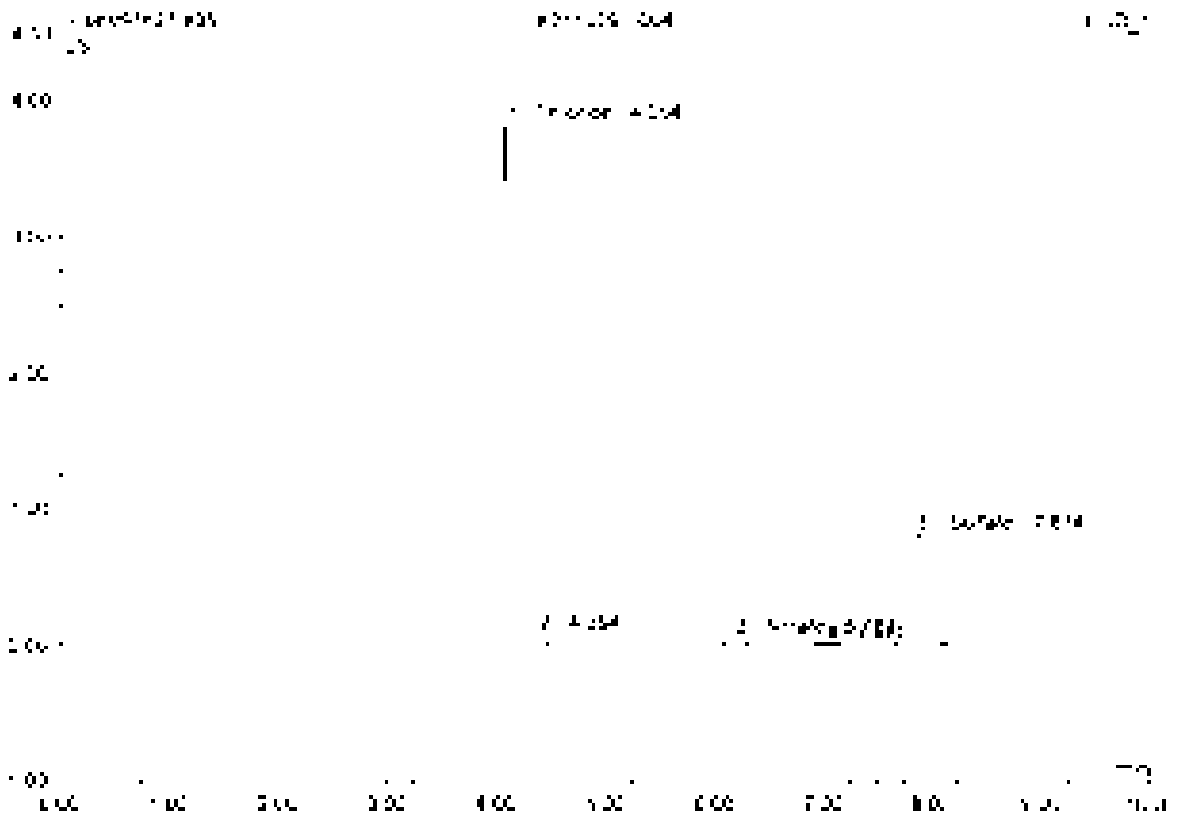
Sample Name	CCB3	Injection Volume	25.0
Vial Number	4T	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a
Control Program	spa300	Bandwidth	n.a
Quantitation Method	spa300	Dilution Factor	1.0000
Processing Time	9/14/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

35 K2110291-004

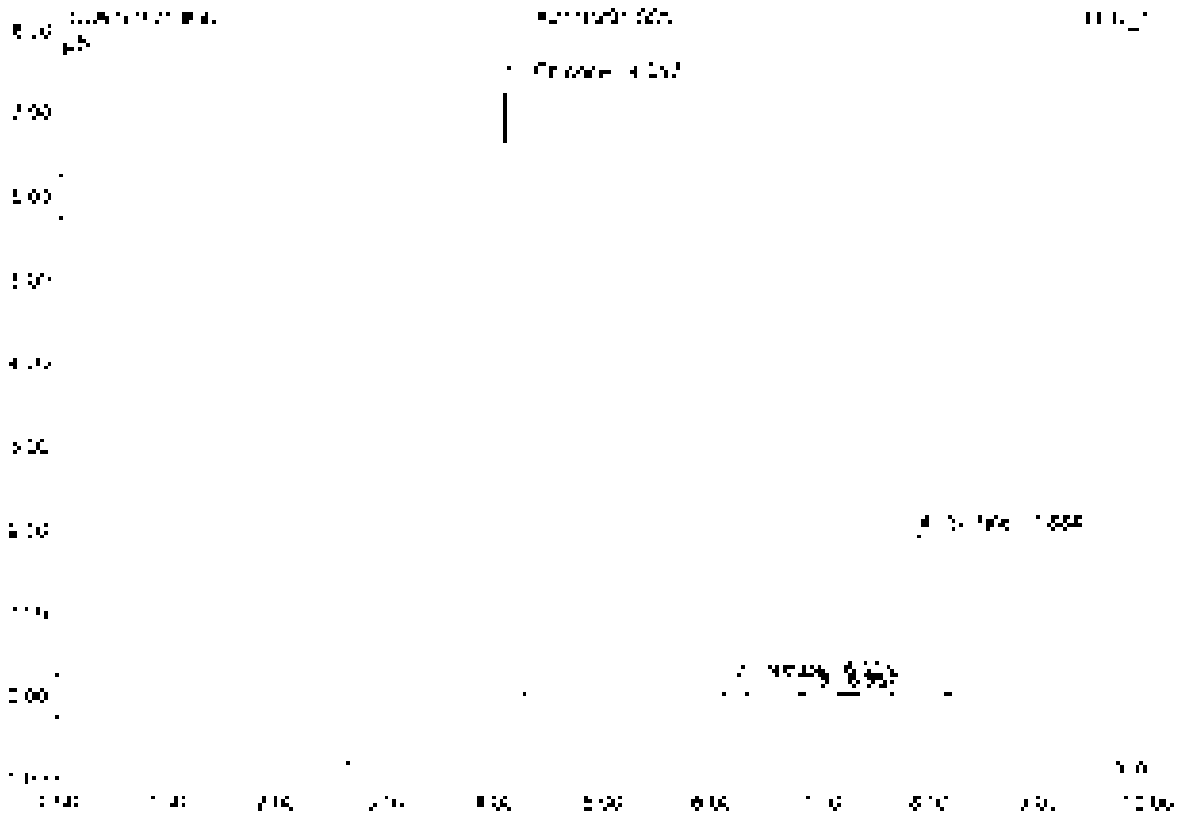
Sample Name	K2110291-004	Injection Volume	25.0
Vial Number	21	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Separation	n.a.
Quantit. Method	epa300	Dilution Factor	5.0000
Recording Time	9/16/2021 21:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.032	0.055	57.07	5.725	BMB
2	4.39	n.a.	0.003	0.008	1.58	n.a.	BMB
3	6.19	Nitrate	0.058	0.005	1.54	0.092	BMB
4	7.02	n.a.	0.016	0.005	0.55	n.a.	BMB
5	7.87	Sulfate	0.022	0.153	38.87	5.349	BMB
Total:			0.131	0.529	100.00	11.164	

36 K2110291-005

Sample Name	K2110291-005	Injection Volume	25.0
Vial Number	27	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	9/19/2021 21:46	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.30	Chloride	7.348	0.578	62.90	7.475	BMB
2	6.20	Nitrate	0.162	0.021	2.14	0.104	BMB
3	6.96	n.a.	0.049	0.015	1.60	n.a.	BMB
4	7.88	Sulfate	1.937	0.355	33.36	5.577	BMB
Total:			9.496	1.075	100.00	13.156	

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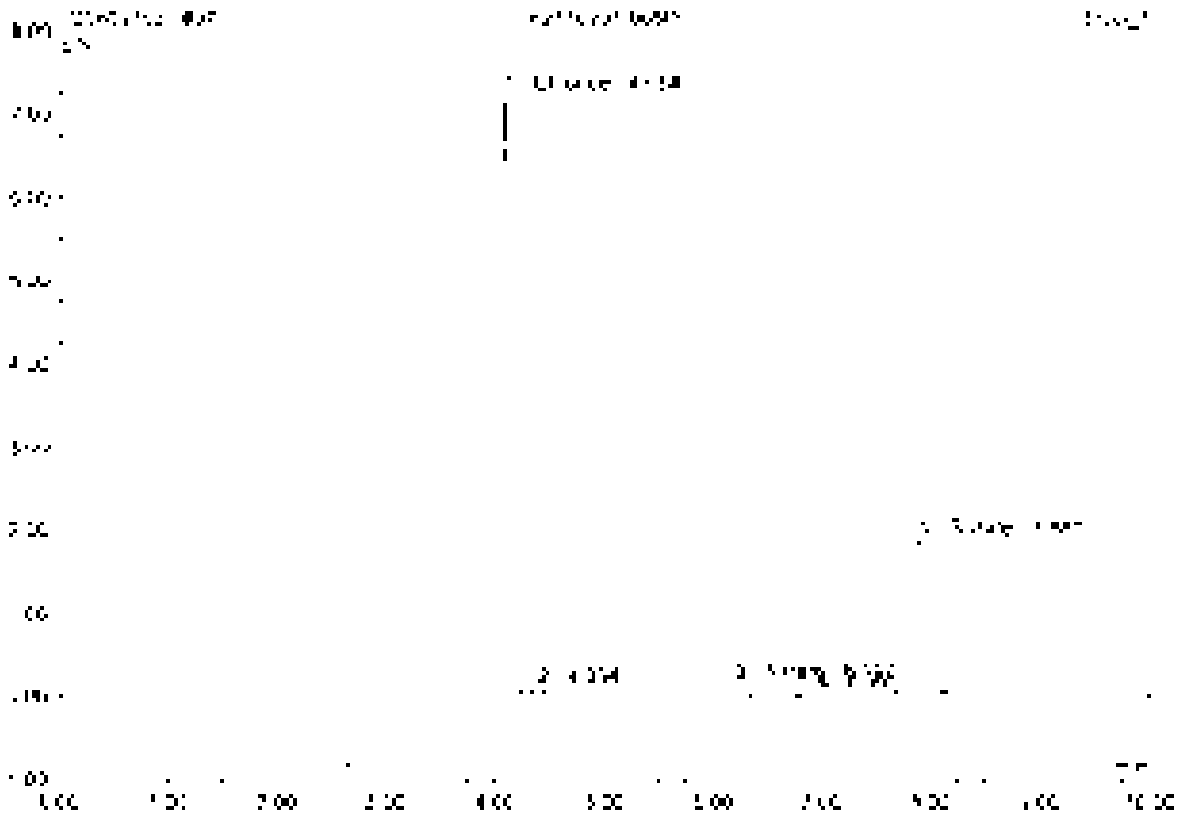
Dionex Integration

37 K2110291-005D

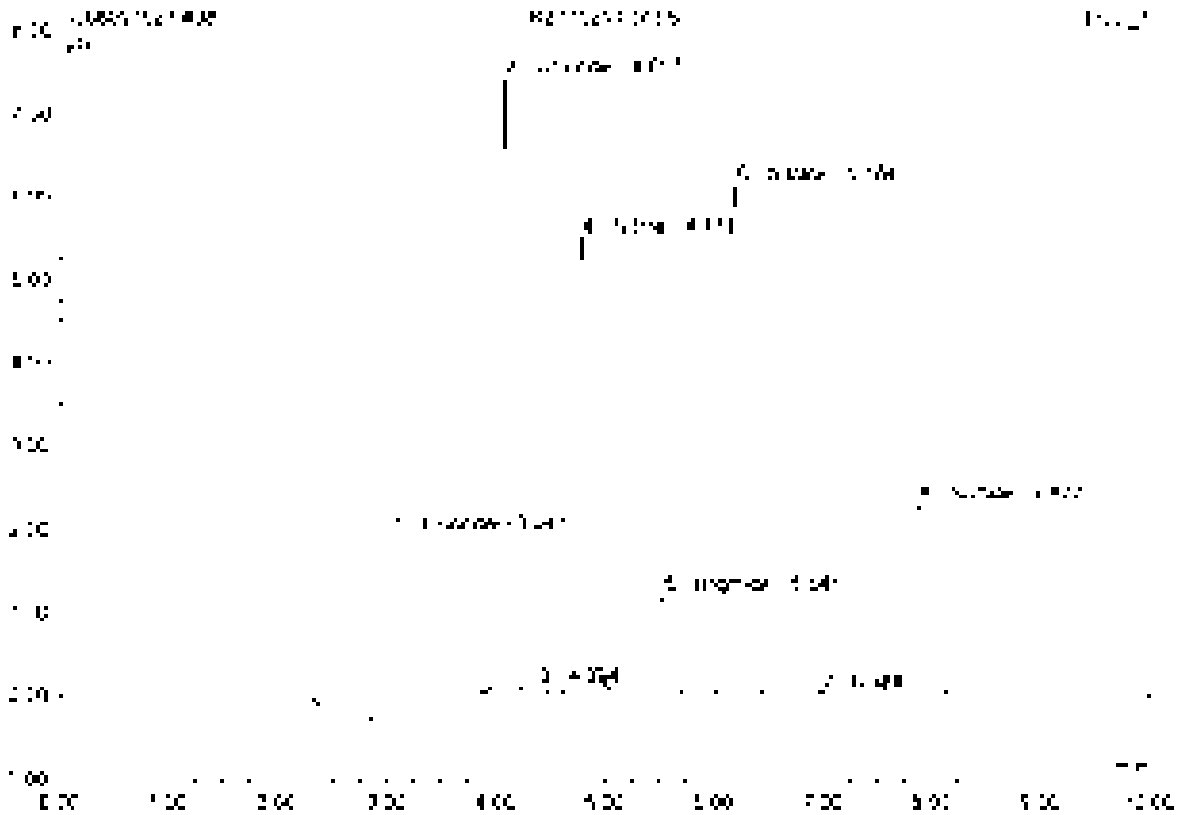
Sample Name	K2110291-005D	Injection Volume	25.0
Vial Number	37	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	1.0000
Processing Time	9/16/2021 21:58	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	7.226	0.667	62.70	7.309	BMD
2	4.39	n.a.	0.087	0.009	0.81	n.a.	BMB
3	6.20	Nitrate	0.158	0.023	2.12	0.107	BMB
4	6.96	n.a.	0.050	0.019	1.83	n.a.	BMB
5	7.85	Sulfate	1.557	0.346	32.54	5.395	BMB
Total:			9.409	1.064	100.00	12.502	

38 K2110291-005S

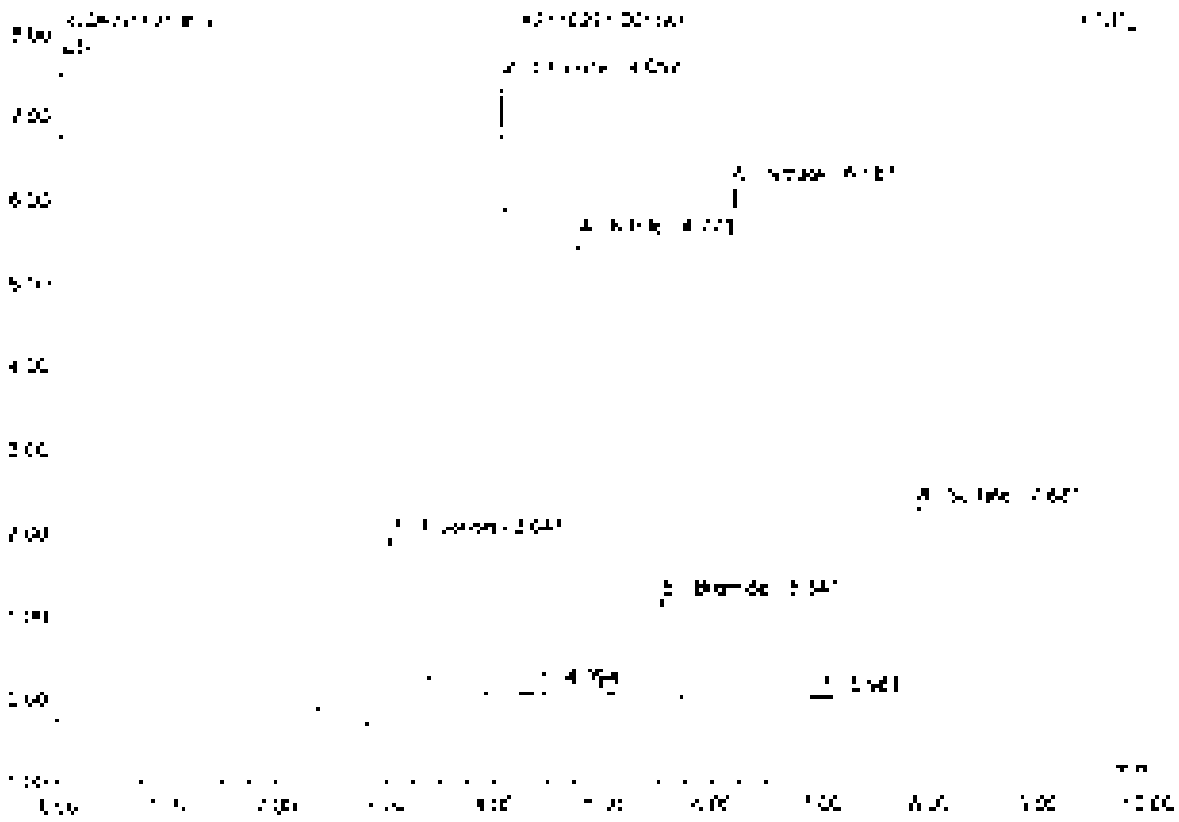
Sample Name	K2110291-005S	Injection Volume	25.0
Vial Number	24	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	4.0000
Recording Time	9/16/2021 22:09	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.04	Fluoride	2.151	0.564	16.66	10.034	BV B
2	4.06	Chloride	7.376	0.679	20.05	14.871	BMB
3	4.39	n.a.	0.003	0.006	0.18	n.a.	BVB
4	4.77	Nitrite	5.476	0.705	20.81	7.529	BVB
5	5.54	Bromide	1.151	0.146	4.31	2.900	BMD
6	6.18	Nitrate	5.112	0.855	25.25	7.712	BMB
7	6.98	n.a.	0.021	0.004	0.13	n.a.	BMB
8	7.68	Sulfate	2.284	0.421	12.50	13.174	BMB
Total:			24.170	3.386	100.00	61.629	

39 K2110291-005SD

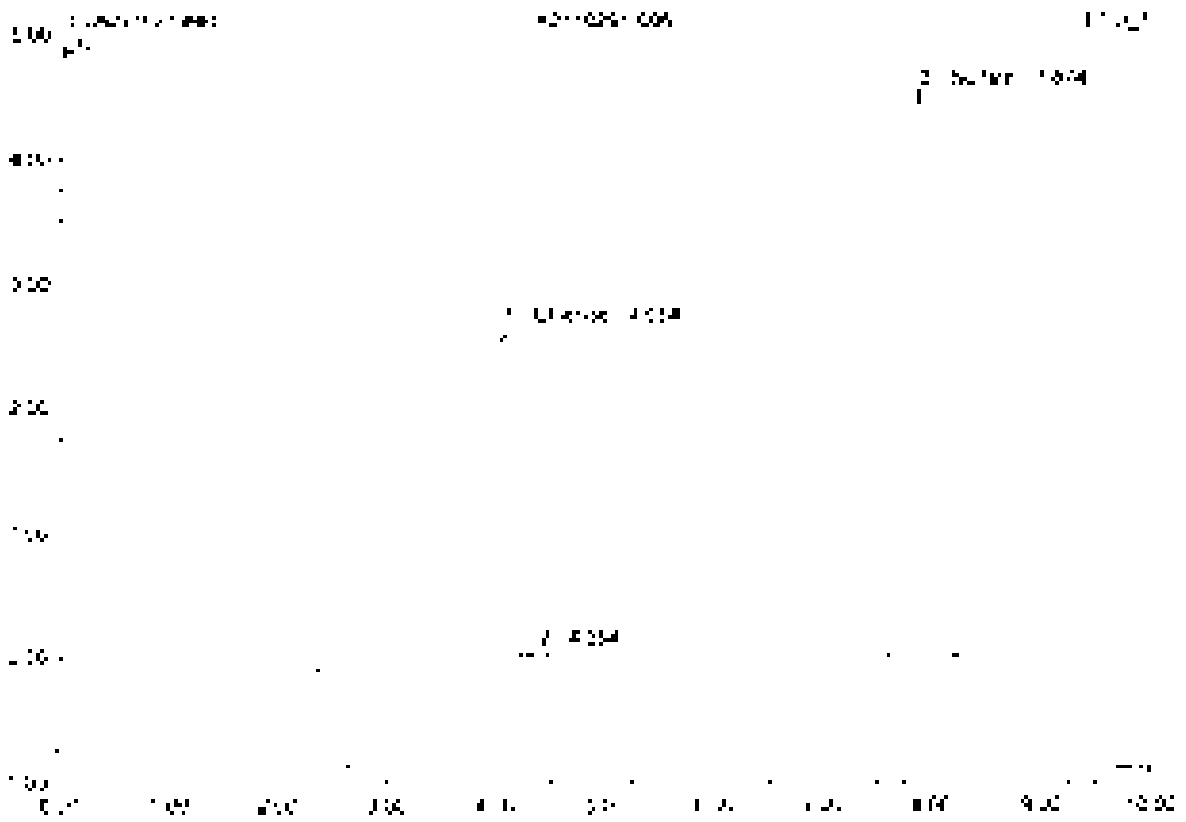
Sample Name	K2110291-005SD	Injection Volume	35.0
Vial Number	25	Channel	IC0 1
Sample Type	unknown	Wavelength	n.a
Control Program	wpa300	Bandwidth	n.a
Quant Method	wpa300	Dilution Factor	1.0000
Recording Time	9/14/2021 22:21	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.06	Fluoride	2.195	0.570	10.72	[illegible]	BMB
2	4.06	Chloride	2.401	0.662	20.01	14.514	BMB
3	4.39	n.a	0.082	0.008	0.23	n.a	BMB
4	4.77	Nitrite	5.307	0.712	20.89	7.969	BMB
5	5.54	Bromide	1.185	0.140	4.29	7.528	BMB
6	6.14	Nitrate	6.785	0.959	28.22	[illegible]	BMB
7	6.58	n.a	0.021	0.006	0.19	n.a	BMB
8	7.58	Sulfate	2.294	0.424	12.45	12.211	BMB
Total:			24.825	3.407	100.00	61.555	

40 K2110291-006

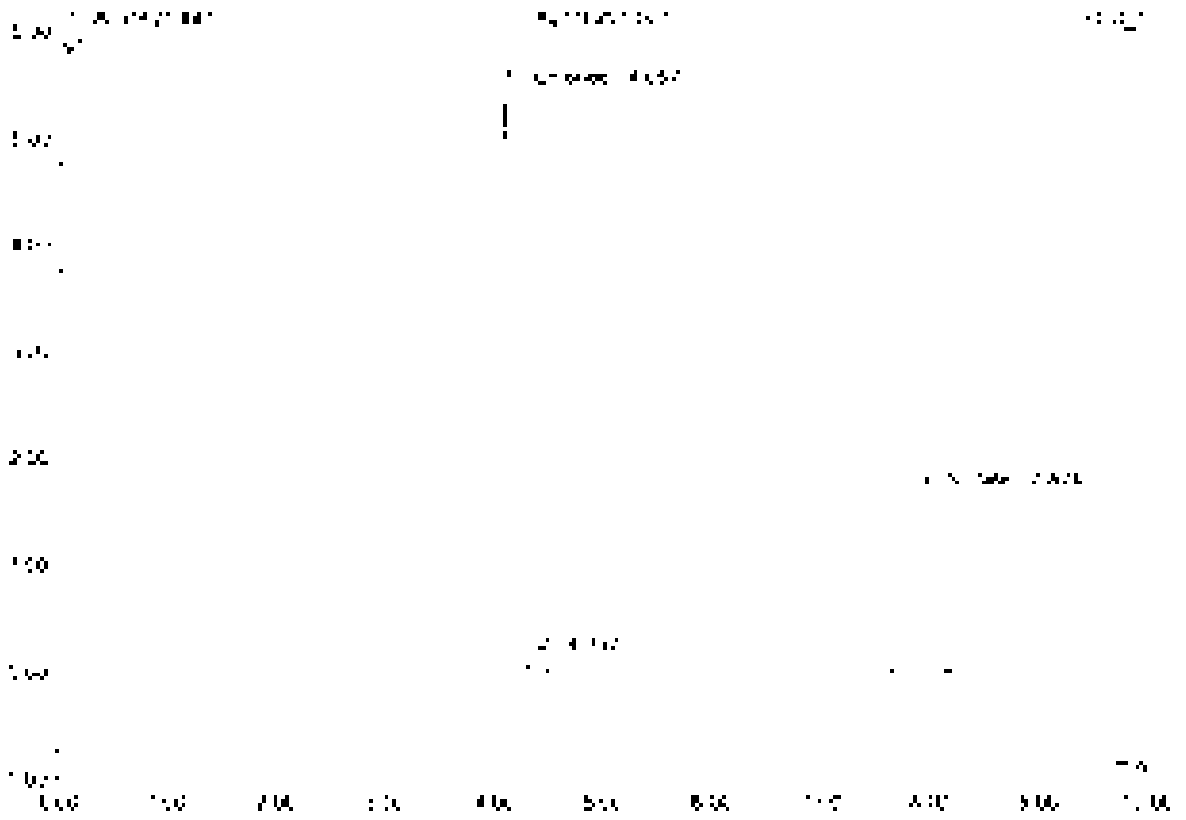
Sample Name	K2110291-006	Injection Volume	25.0
Vial Number	26	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Calibrat. Factor	20.0000
Recording Time	[illegible] 22:32	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.03	Chloride	2.056	0.247	22.38	27.056	BMB
2	4.35	n.a.	0.066	0.007	0.60	n.a.	BMB
3	7.87	Sulfate	4.943	0.842	76.64	[illegible]	BMB
Total			7.062	1.096	100.00	158.229	

41 K2110291-007

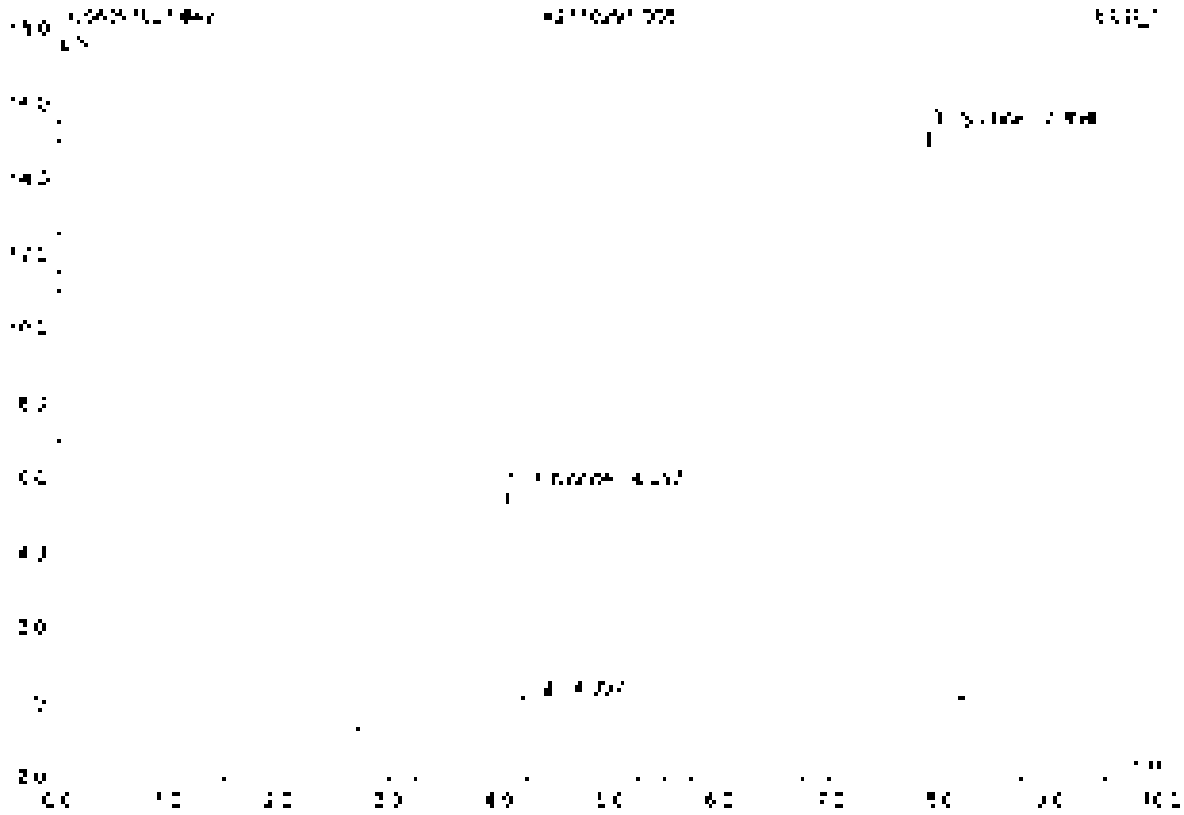
Sample Name	K2110291-007	Injection Volume	25.0
Vial Number	27	Channel	ECD-1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Control Method	wpa300	Dilution Factor	10.0000
Recording Time	9/16/2021 23:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
[illegible]	4.00	[illegible]	[illegible]	[illegible]	60.45	27.560	BMB
[illegible]	4.40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	BMB
[illegible]	7.87	[illegible]	[illegible]	[illegible]	37.85	24.548	BMB
Total:			[illegible]	[illegible]	100.00	52.108	

42 K2110291-008

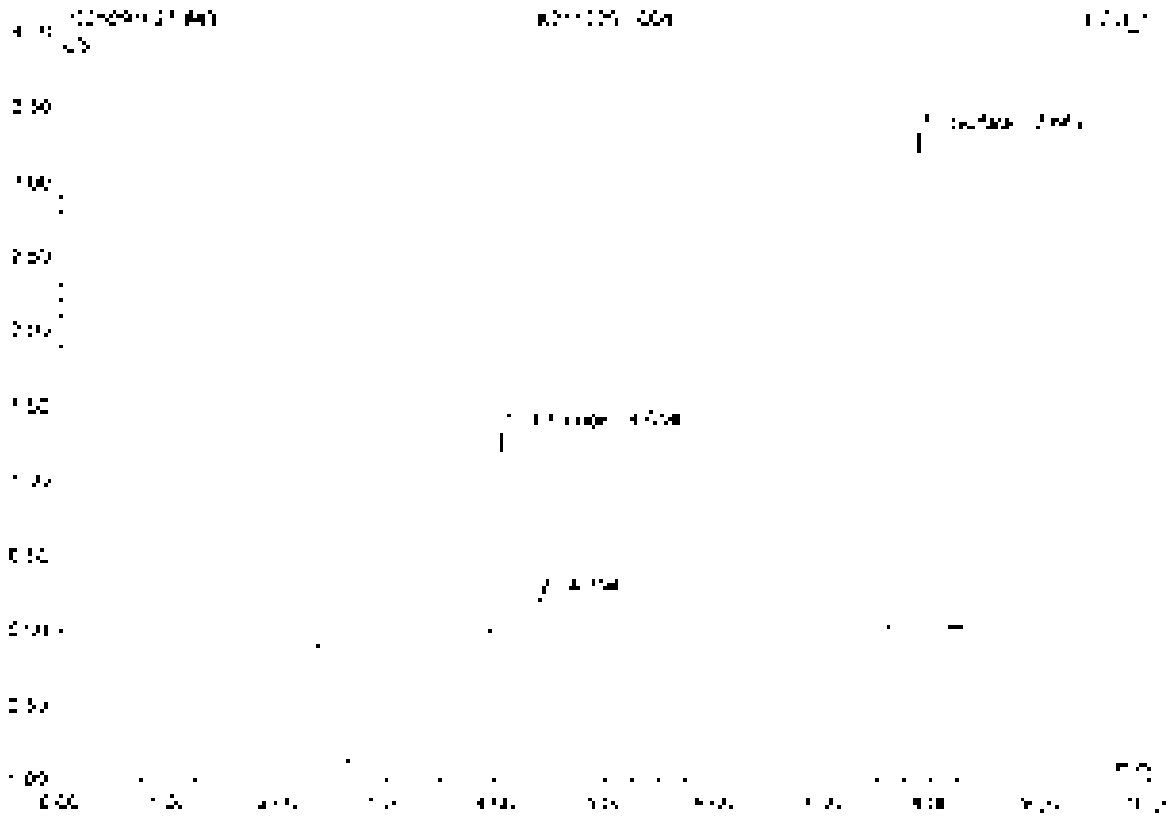
Sample Name	K2110291-008	Injected Volume	25.0
Vial Number	38	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Automation	n.a.
Output Method	epa300	Dilution Factor	10.0000
Recording Time	5/16/2021 22:56	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.06	Chlorpyrifos	5.545	0.427	15.11	28.620	BV3
2	4.45	n.a.	0.960	0.336	0.18	n.a.	BV3
3	7.89	Solvent	15.253	2.734	83.52	214.420	BV3
Total:			25.962	3.252	100.00	243.040	

43 K2110291-008

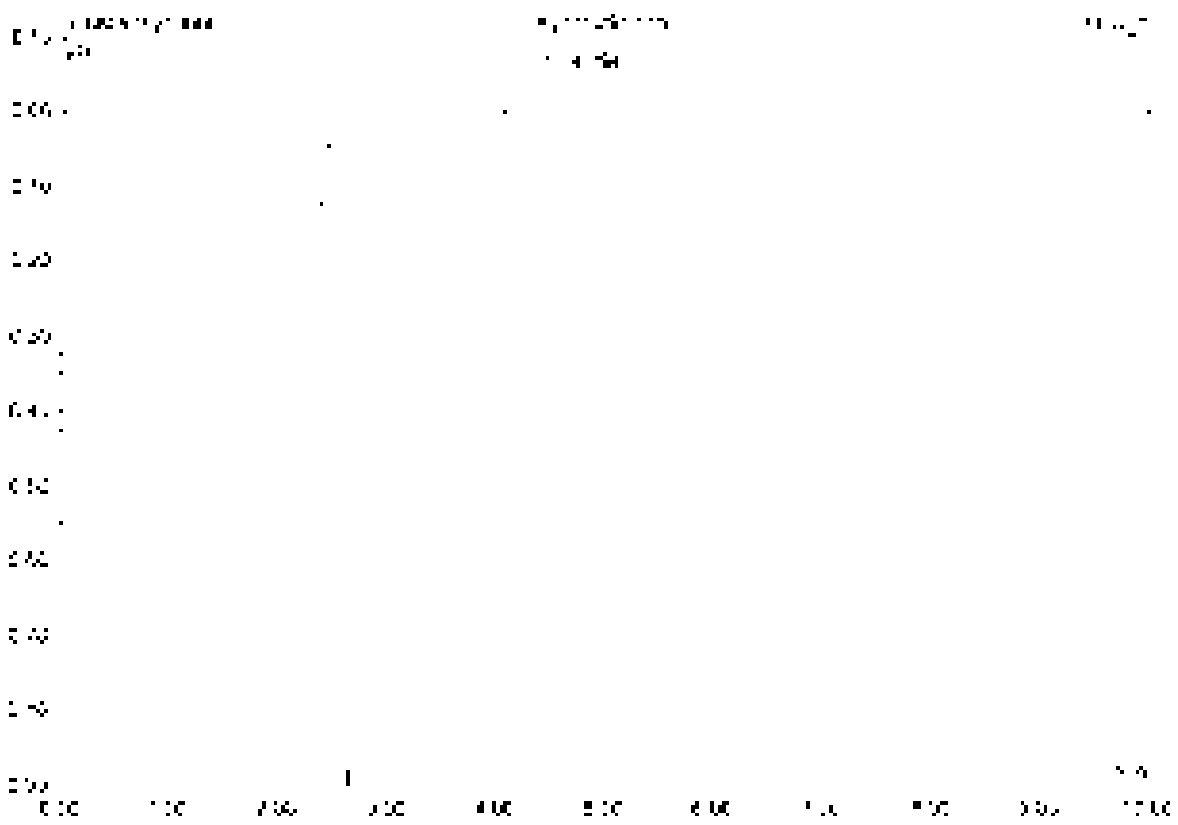
Sample Name	K2110291-008	Injection Volume	25.0
Vial Number	29	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	40.0000
Recording Time	8/18/2021 23:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	[illegible]	0.125	16.27	27.446	BMb
2	4.39	n.a.	0.222	0.023	3.04	n.a.	SVB
3	7.87	Sulfate	3.338	0.621	80.69	193.407	BVb
Total:			4.566	0.770	100.00	220.853	

44 K2110291-009

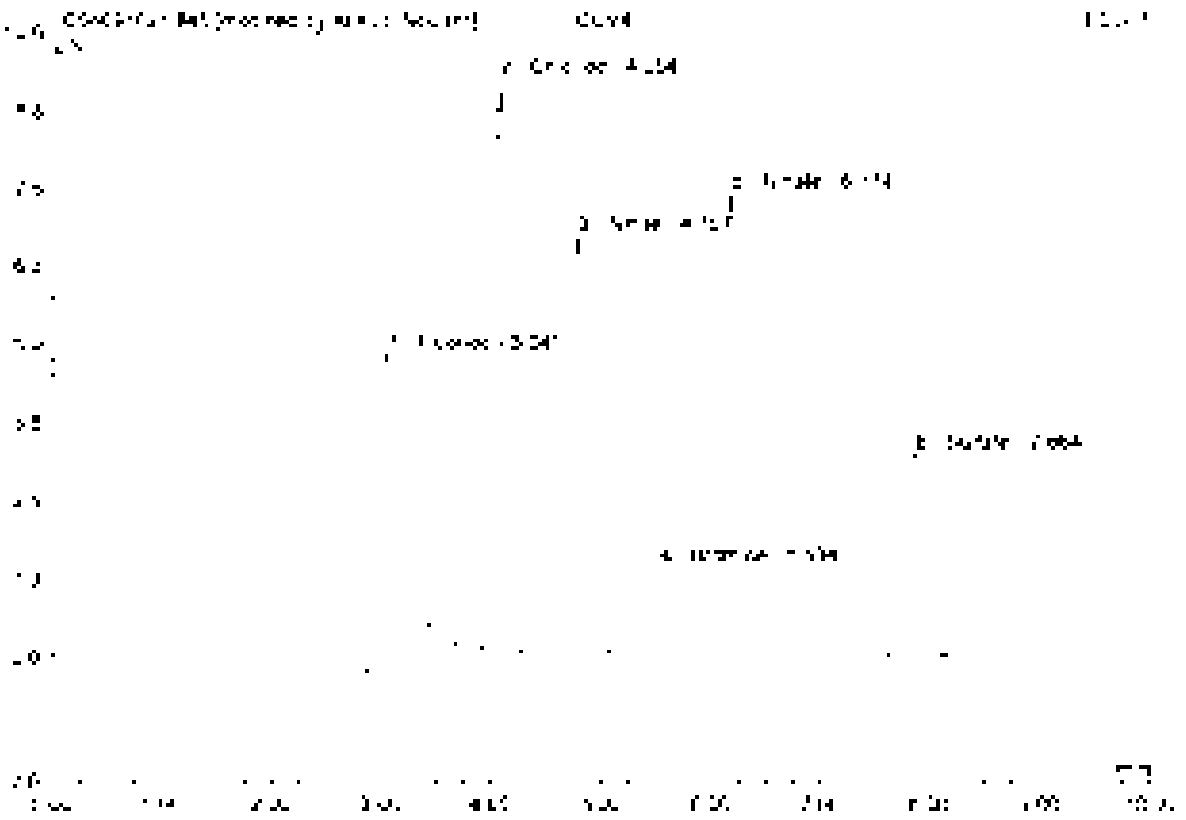
Sample Name	K2110291-009	Injection Volume	25.0
Vial Number	30	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Column Program	epa300	Bandwidth	n.a.
Solvent Method	epa300	Dilution Factor	2.0000
Recording Time	9/15/2021 23:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.39	n.a.	0.736	3.118	100.00	[illegible]	BMB
Total			0.736	3.118	100.00	0.000	

45 CCV4

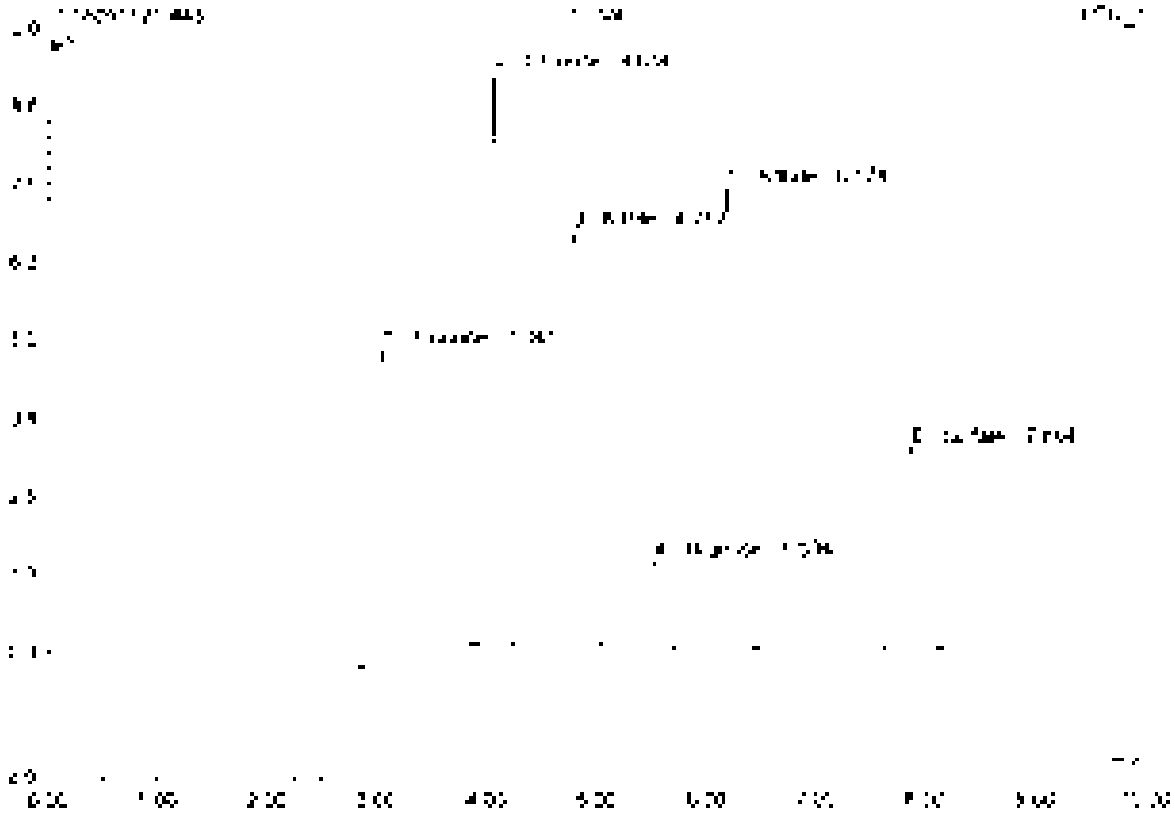
Sample Name:	CCV4	Injection Volume:	25.0
Vial Number:	45	Channel:	ECD 1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quantit. Method:	epa300	Dilution Factor:	1.0000
Processing Time:	9/16/2021 23:30	Sample Weight:	1.0000
Run Time (min):	10.00	Sample Amount:	1.0000



No.	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.08	Fluoride	5.020	[illegible]	24.00	[illegible]	BV[illegible]
2	4.05	Chloride	9.156	0.841	18.22	[illegible]	BV[illegible]
3	4.77	Nitrite	6.536	0.855	18.73	2.422	BV[illegible]
4	5.53	Bromide	[illegible]	0.174	3.75	2.355	BV[illegible]
5	6.17	Nitrate	[illegible]	[illegible]	22.09	2.305	BV[illegible]
6	7.86	Sulfate	3.242	0.569	12.17	[illegible]	BV[illegible]
Total:			32.582	4.570	100.00	21.366	

45 CCV4

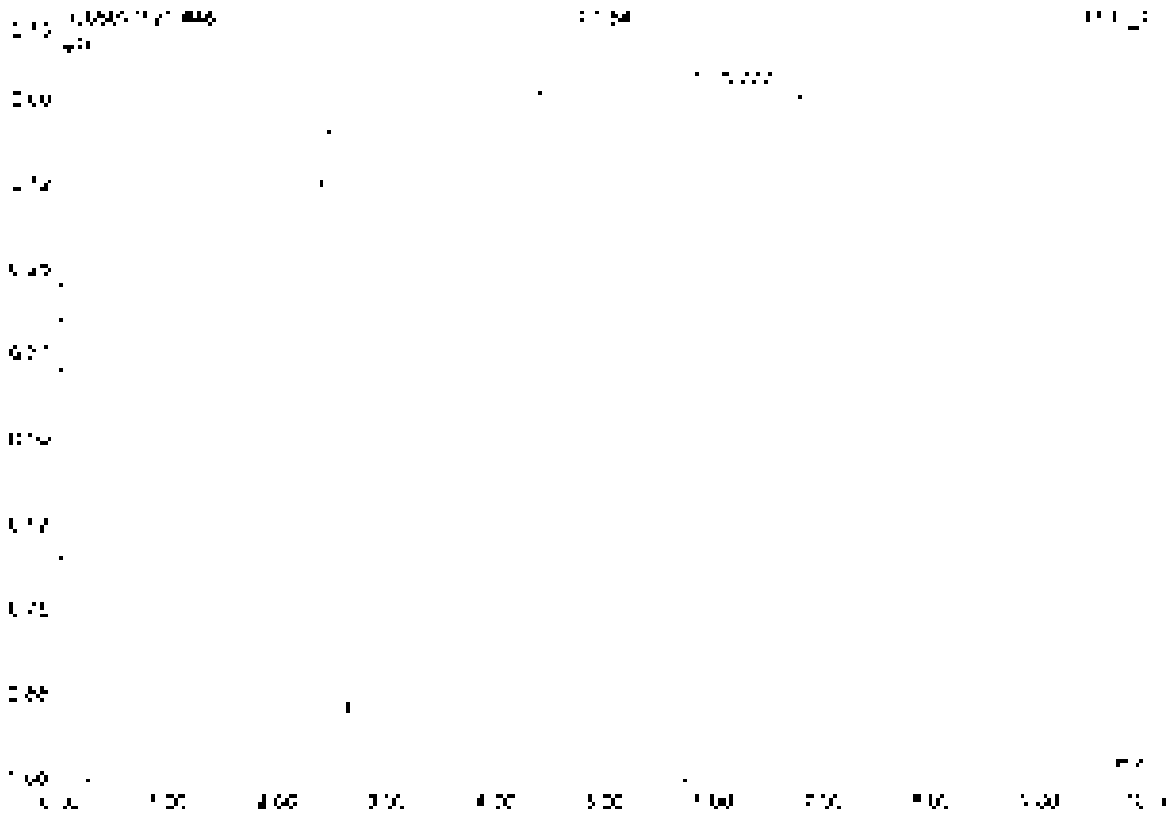
Sample Name	CCV4	Injection Volume	25.0
Run Number	45	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	5/16/2021 23:30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	5.056	1.156	25.40	5.319	BMB
2	4.05	Chloride	5.181	0.839	17.85	4.595	BMB
3	4.77	Nitrite	6.5[illegible]	0.865	18.40	2.472	BVB
4	5.53	Bromide	1.436	0.174	3.70	0.355	BVB
5	6.17	Nitrate	7.407	1.020	21.70	2.309	BVB
6	7.80	Sulfate	3.248	0.608	12.93	4.734	BVB
Total:			33.610	4.702	100.00	21.713	

46 CCB4

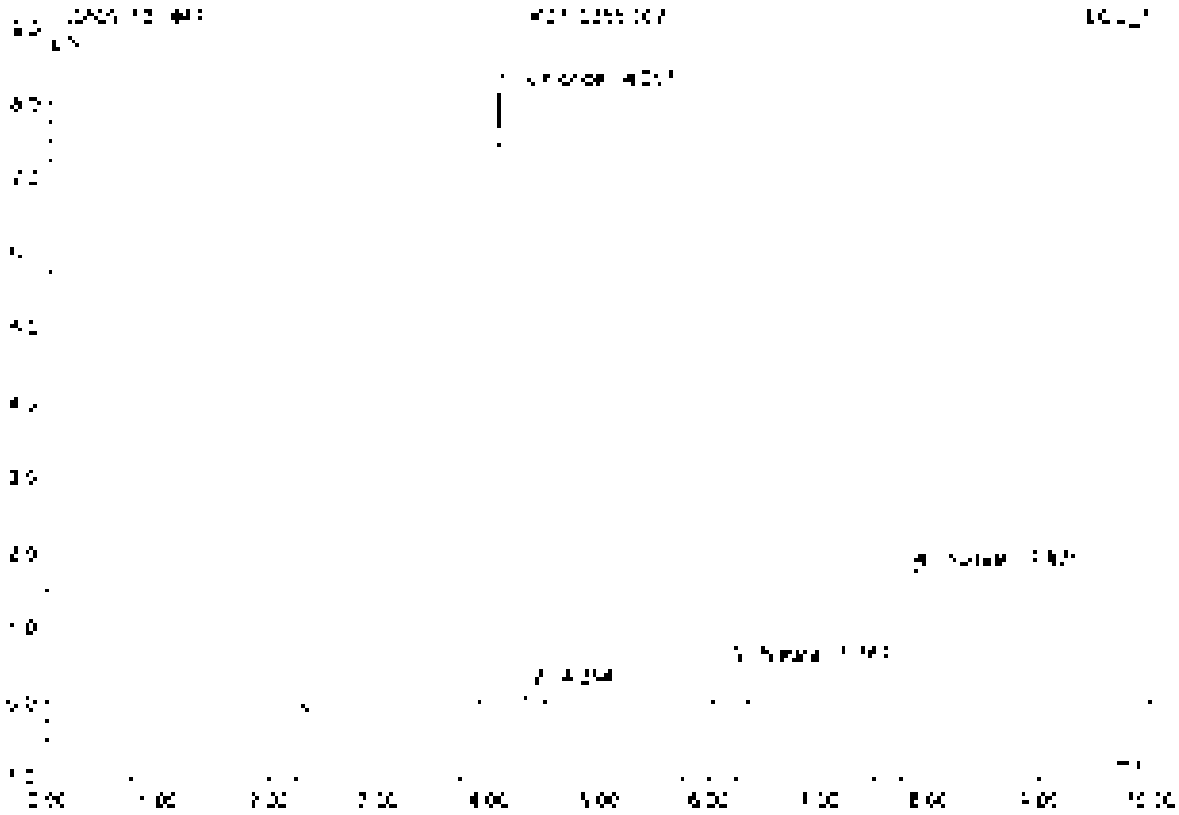
Sample Name	CCB4	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	9/16/2021 23:42	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	5.78	n.a.	0.532	2.155	100.00	n.a.	BV B
Total:			0.532	2.155	100.00	0.000	

47 K2110355-002

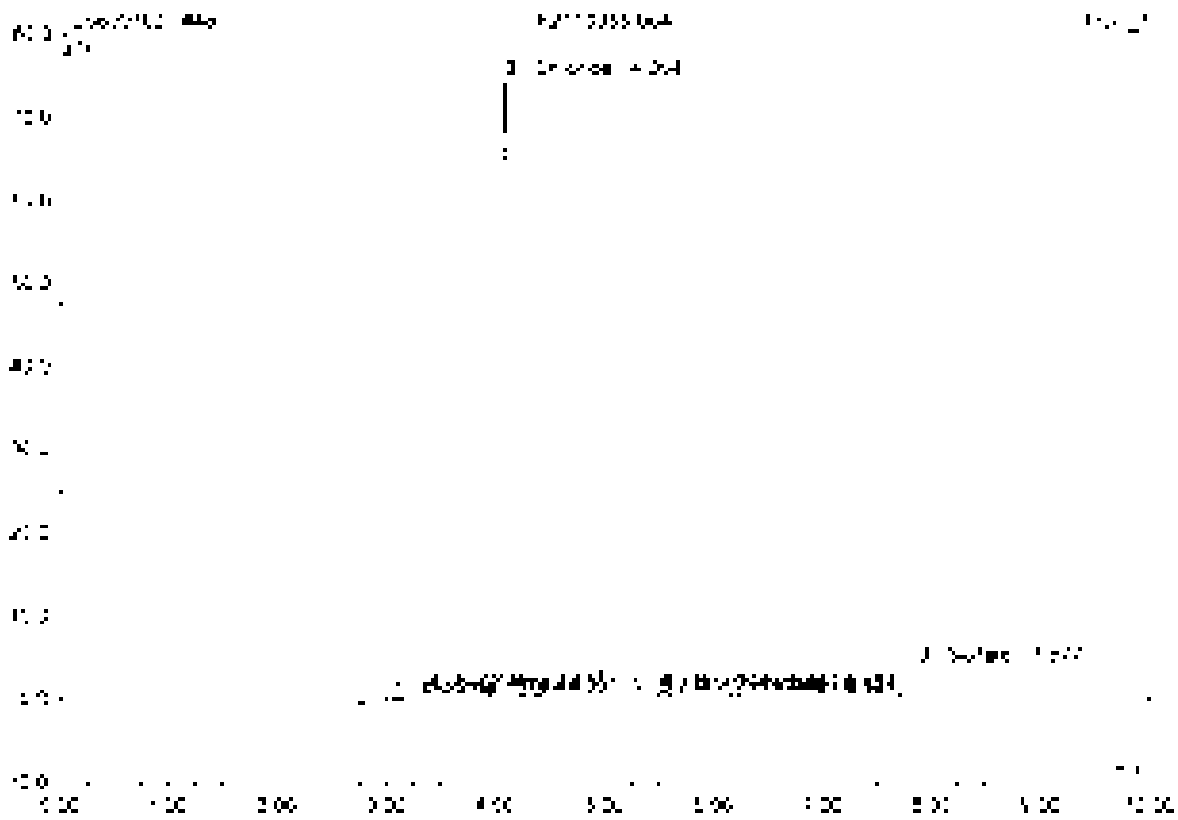
Sample Name	K2110355-002	Injection Volume	25.0
Vial Number	31	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	2.0000
Analysing Time	9/16/2021 23:54	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.06	Chloride	0.177	0.750	54.61	8.270	BV8
2	4.39	n.a.	0.177	0.218	15.81	n.a.	BV9
3	6.19	Nitrate	0.477	0.097	7.07	0.304	BV8
4	7.87	Sulfate	1.760	0.330	23.91	5.136	BV8
Total:			2.586	1.395	100.00	13.660	

48 K2110355-004

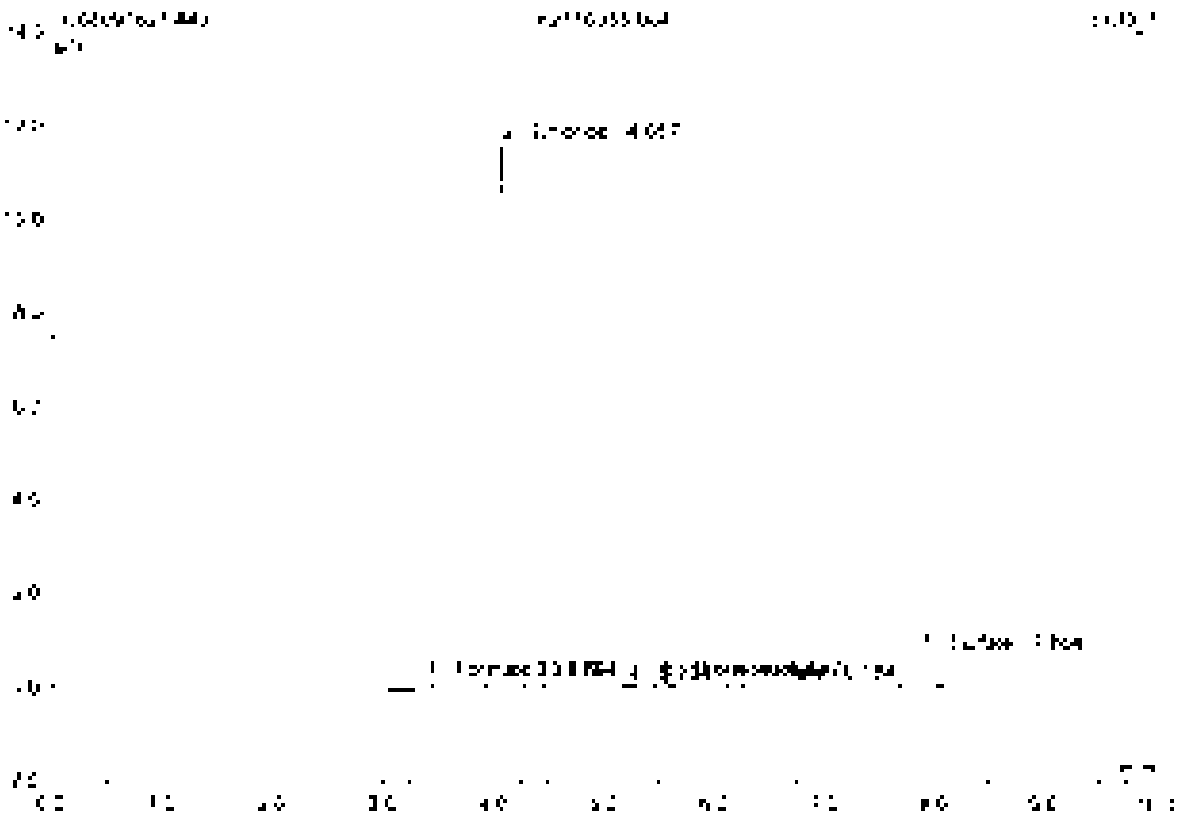
Sample Name	K2110355-004	Injection Volume	25.0
Vial Number	32	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	2.0000
Recording Time	5/17/2021 0:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.05	Fluoride	0.296	0.118	1.53	1.046	BMB
2	3.39	Formate	0.872	0.076	0.99	n.a.	BMB
3	4.06	Chloride	74.292	6.551	85.37	21.760	BMB
4	4.39	n.a.	0.120	0.010	0.13	n.a.	BMB
5	5.23	n.a.	0.272	0.032	0.42	n.a.	BMB
6	5.54	Bromide	0.746	0.093	1.21	2.516	BMB
7	6.20	Nitrate	0.452	0.047	0.61	0.301	BMB
8	6.93	n.a.	0.057	0.020	0.25	n.a.	BMB
9	7.88	Sulfate	3.684	0.458	5.97	11.019	BMB
Total:			80.986	7.673	100.00	36.642	

49 K2110355-004

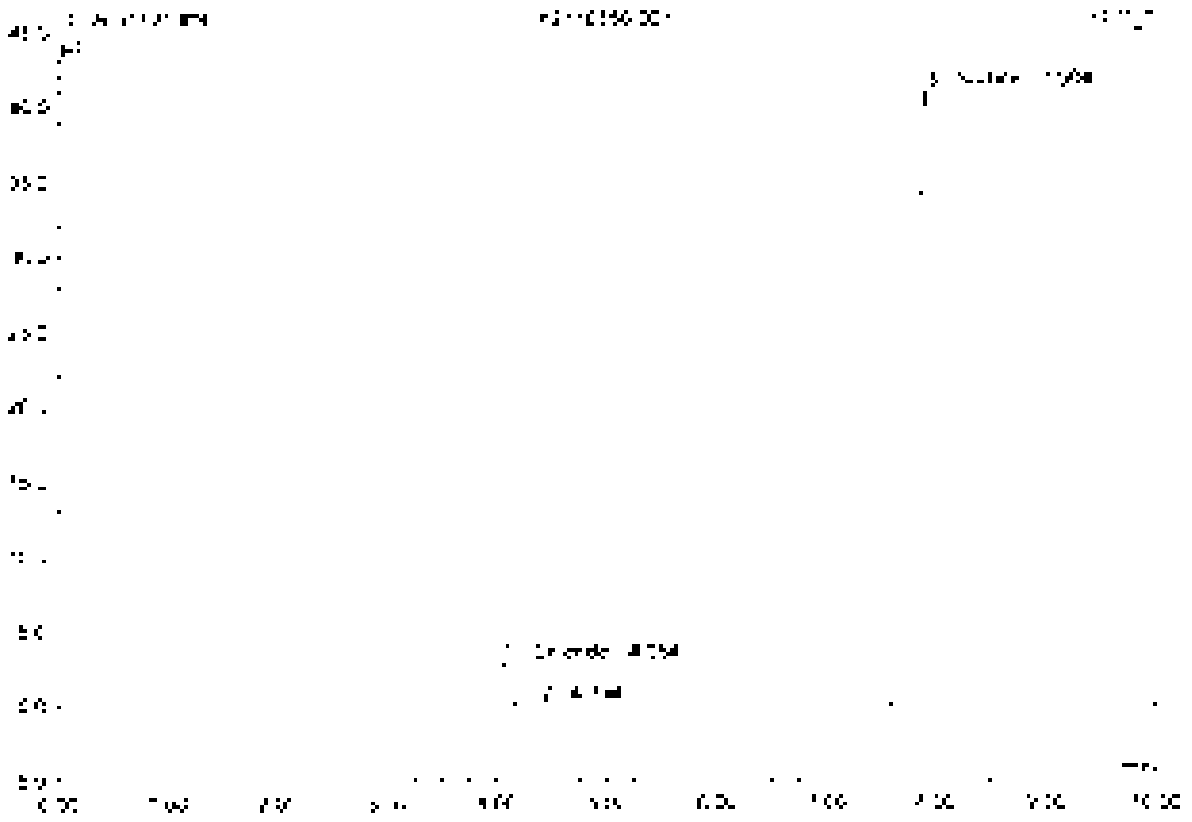
Sample Name	K2110355-004	Injection Volume	25.0
Vial Number	33	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	10.0000
Recording Time	9/17/2021 0:17	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.35	Fluoride	0.201	0.034	2.65	n.a.	BMB
2	4.36	Chloride	1.613	1.057	83.18	5.7900	BMB
3	4.39	n.a.	0.101	0.010	0.77	n.a.	BMB
4	5.23	n.a.	0.053	0.006	0.47	n.a.	BMB
5	5.54	Nitrite	0.189	0.018	1.40	2.4173	BMB
6	5.12	Nitrate	0.091	0.013	1.00	0.2288	BMB
7	7.56	Sulfate	0.711	0.134	10.53	1.1418	BMB
Total:			12.521	1.271	100.00	11.032	

50 K2110356-001

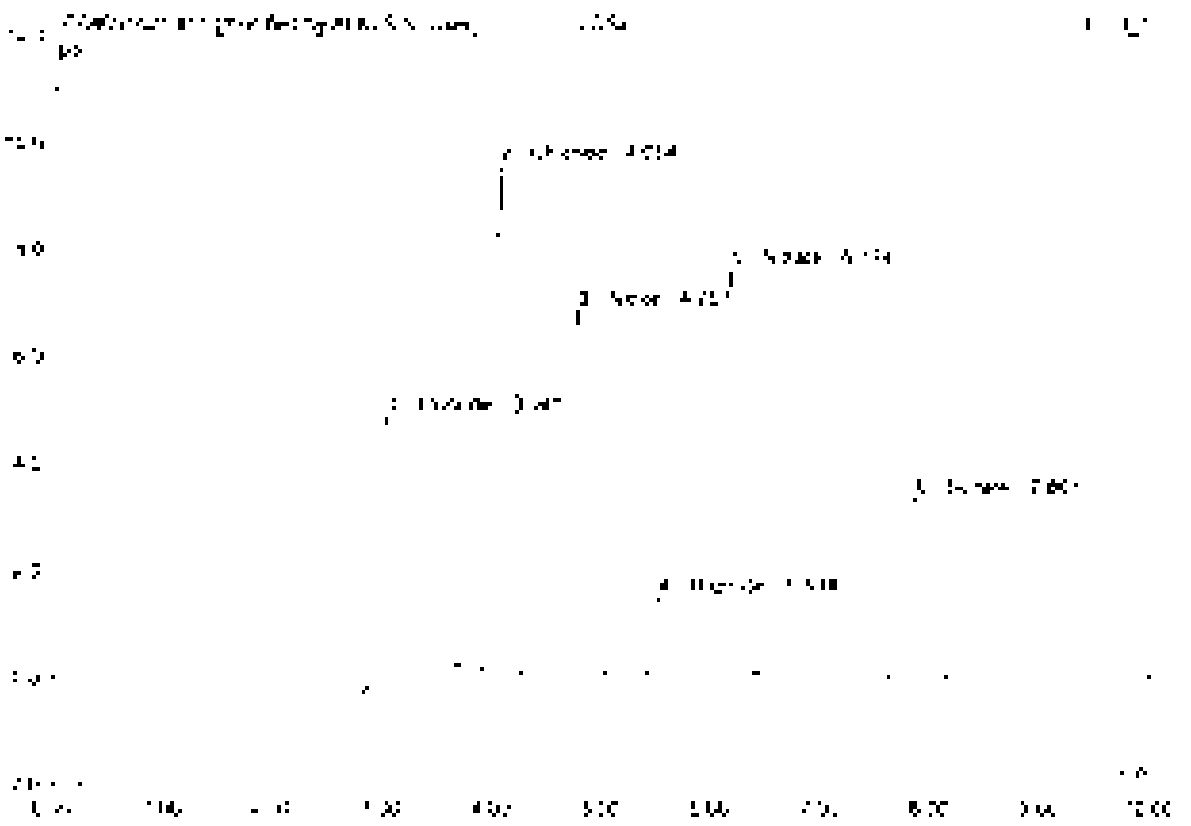
Sample Name	K2110356-001	Injection Volume	10.0
Vial Number	34	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	8/17/2021 0:29	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.02	Chloride	2.841	0.264	3.41	26.973	BMB
2	6.15	n.a.	0.064	0.007	0.09	n.a.	BMB
3	7.90	Sulfate	40.981	7.441	96.49	1152.619	BMB
Total:			43.887	7.713	100.00	1127.592	

51 LCS2

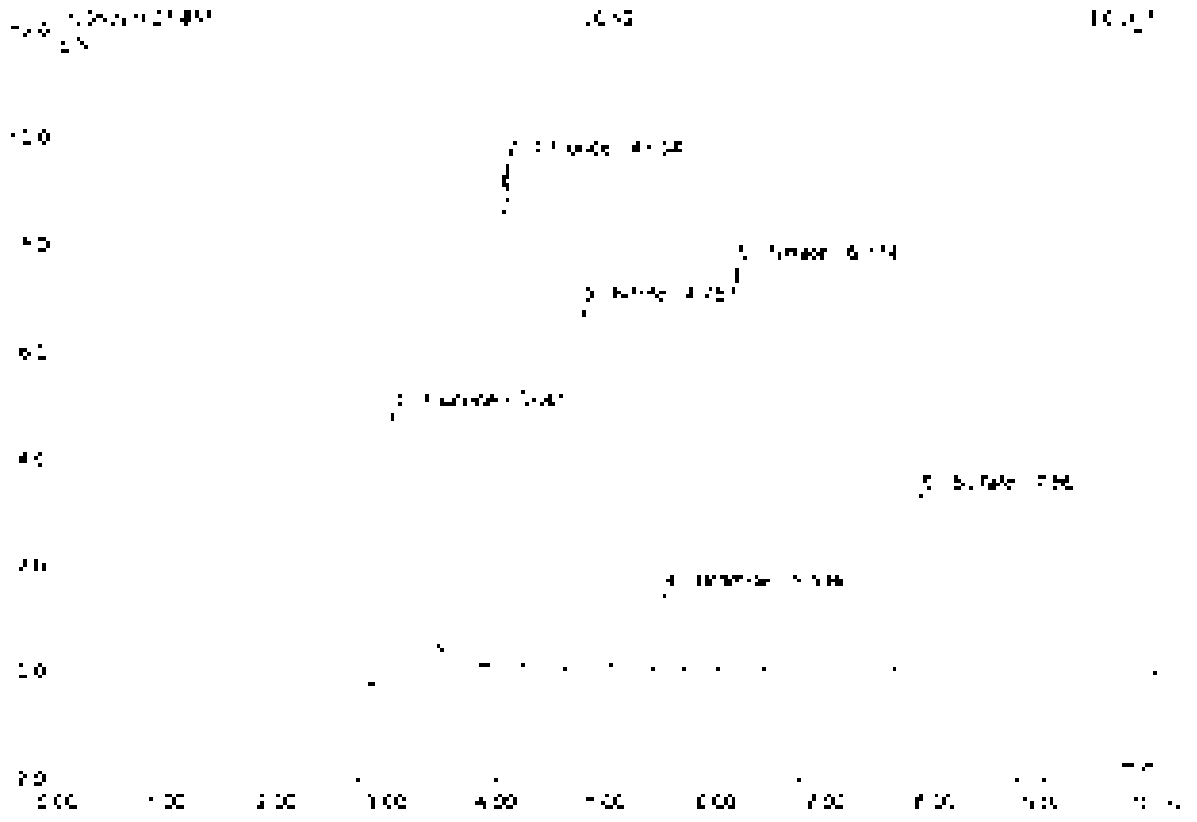
Sample Name	LCS2	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recovery Time	[illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]	BMB*
2	4.05	Chloride	9.465	0.570	18.65	[illegible]	BMB*
3	4.77	Nitrite	6.806	0.553	18.72	2.472	BMB
4	5.53	Bromide	1.474	0.121	3.83	0.446	BMB
5	6.12	Nitrate	[illegible]	1.046	22.19	2.368	BMB
6	7.86	Sulfate	3.227	0.620	13.27	4.872	BMB
Total:			33.759	[illegible]	100.00	21.865	

51 LCS2

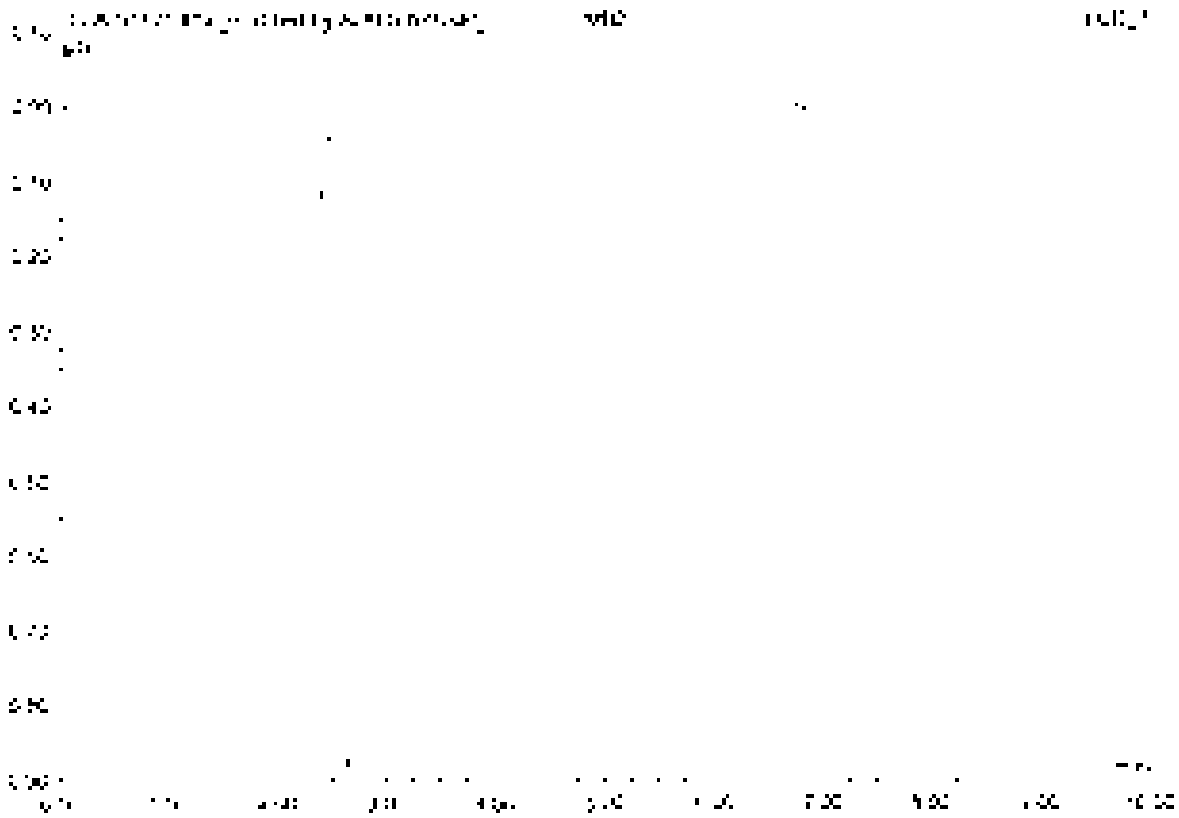
Sample Name	LCS2	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Method Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Processing Time	10/17/2021 0:41	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	4.35	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
3	[illegible]	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]	BMB
4	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	BMB
5	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
6	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

52 MB2

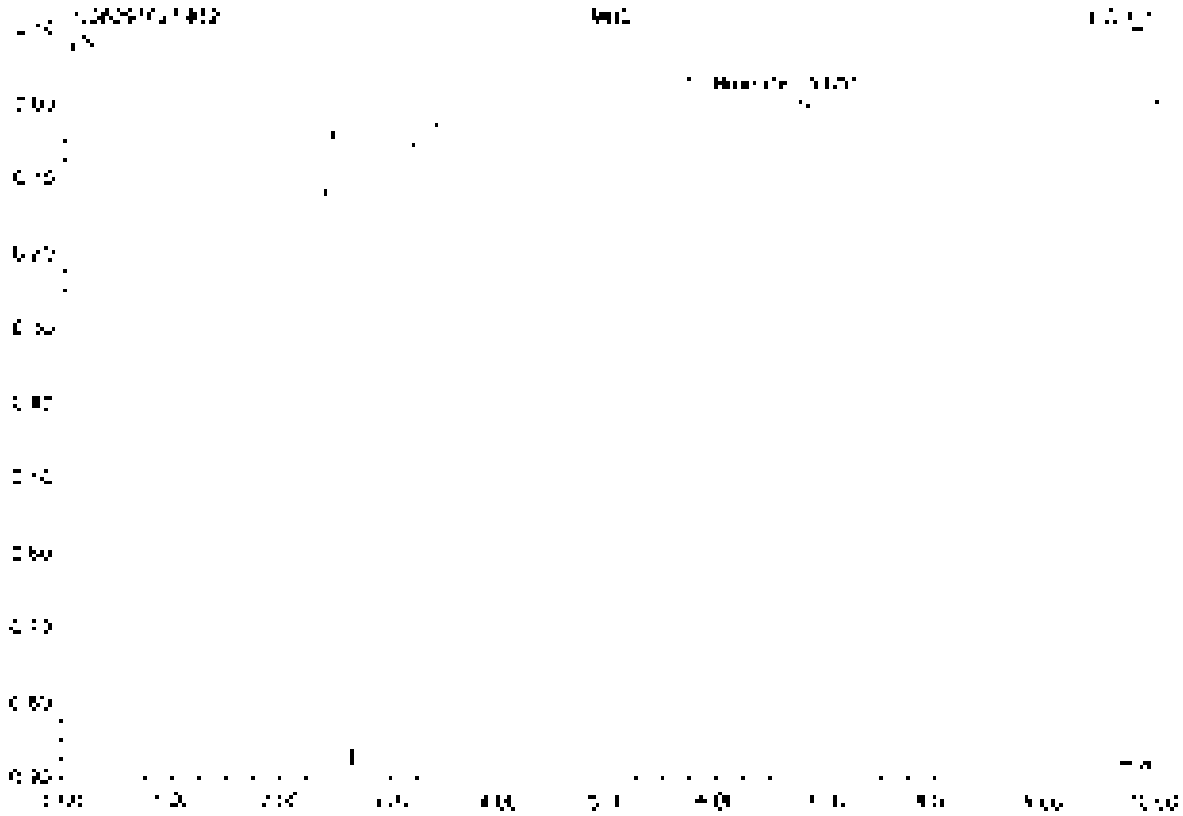
Sample Name	MB2	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/11/2021 0:57	Sample Weight	1.0000
Run Time (max.)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

52 MB2

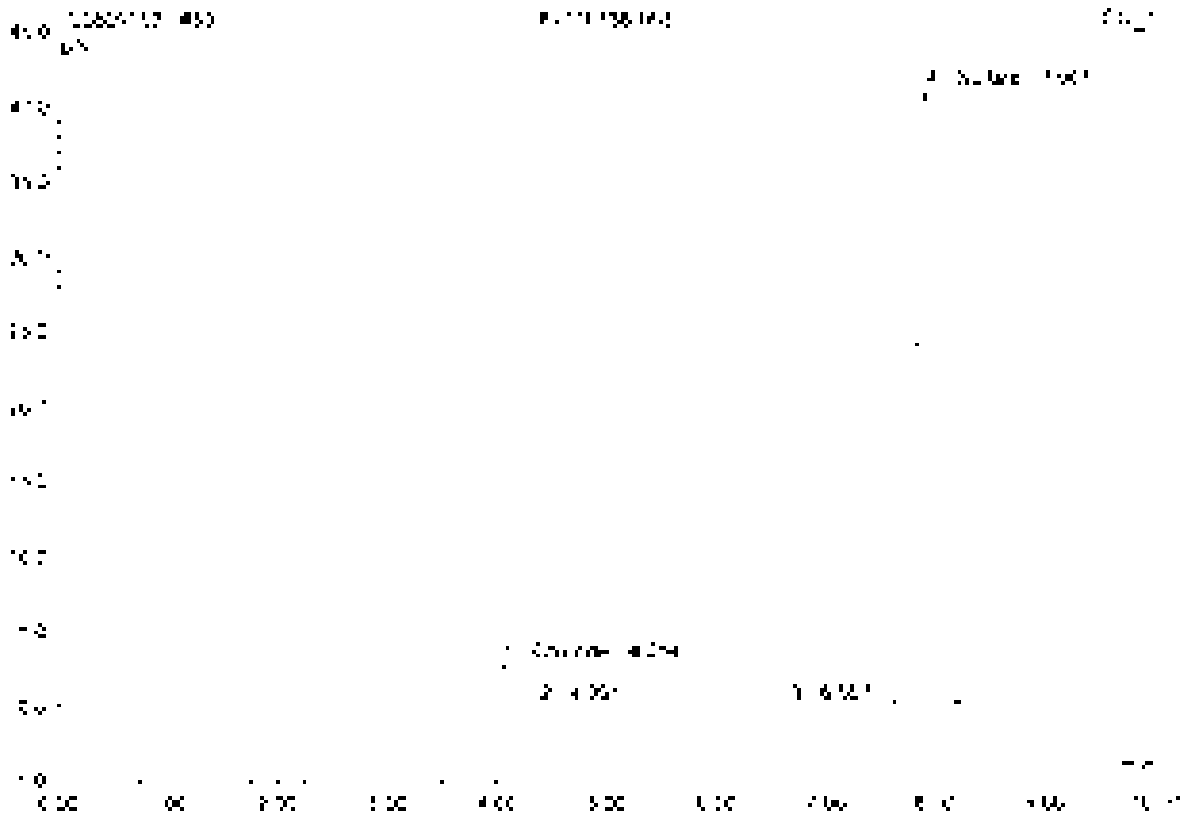
Sample Name	MB2	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	[illegible] 0.52	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Propylate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

53 K2110356-003

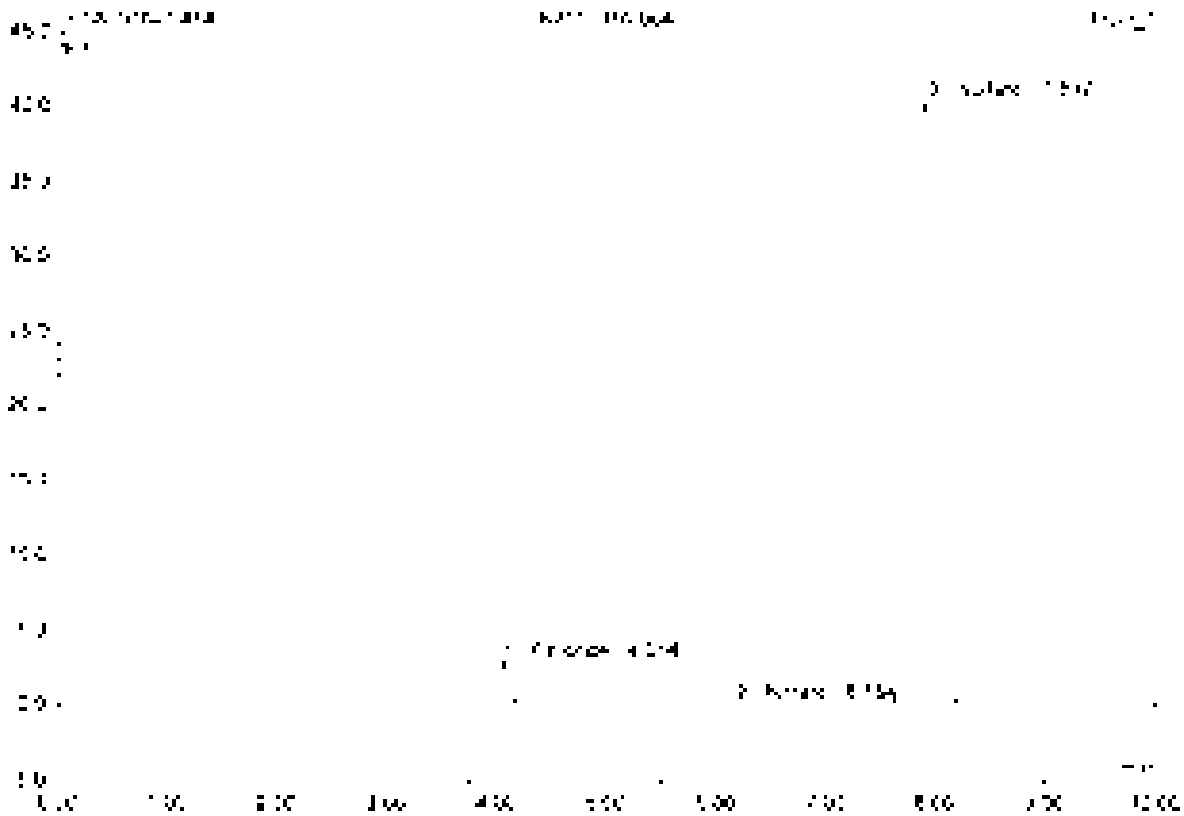
Sample Name	K2110356-003	Injection Volume	25.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	20.0000
Recording Time	9/17/2021 1:04	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chlorien	2.842	0.202	3.44	25.044	BV8
2	4.39	n.a.	0.051	0.005	0.07	n.a.	BV8
3	6.67	n.a.	0.079	0.005	0.07	n.a.	BV8
4	7.90	Sulfate	41.034	7.436	96.43	1367.974	BV8
Total			43.947	7.743	100.00	1486.563	

54 K2110356-004

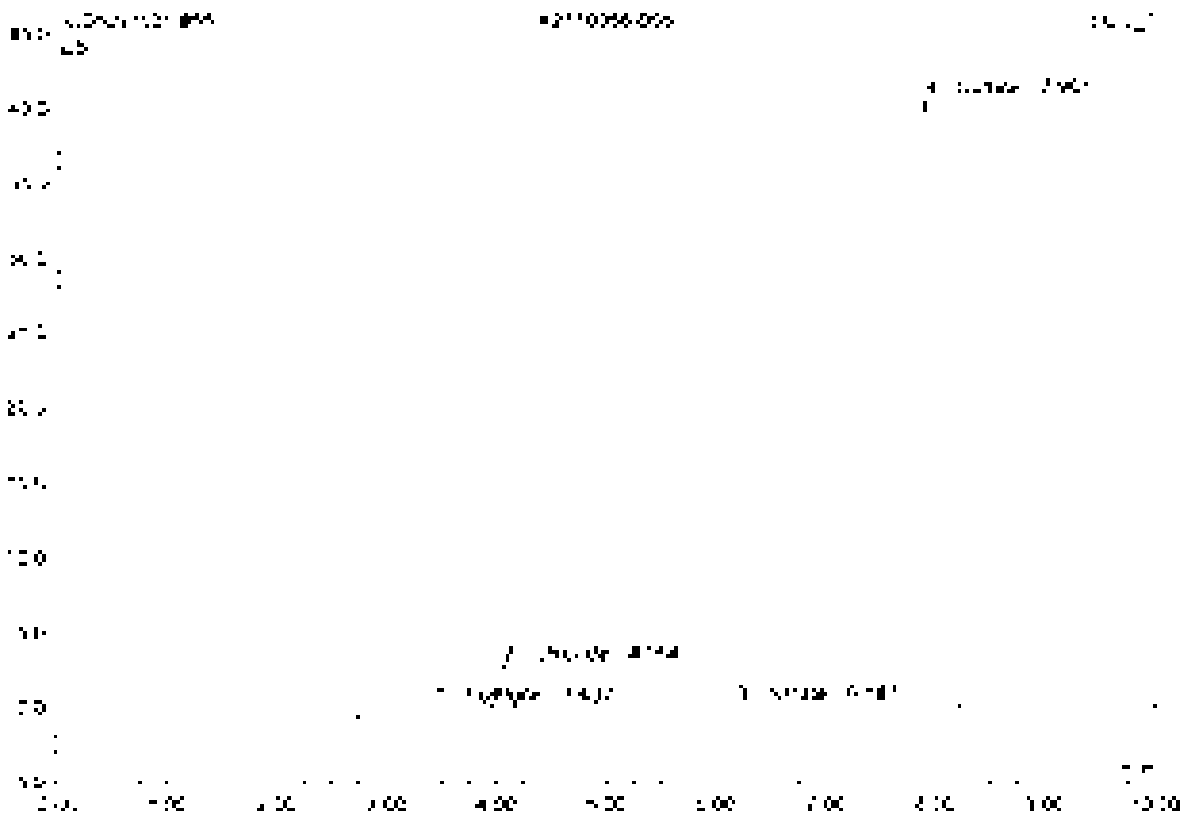
Sample Name	K2110356-004	Injection Volume	25.0
Vial Number	35	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Processing Time	9/17/2021 1:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	2.802	0.263	2.47	28.843	BV B
2	6.15	Nitrate	0.047	0.007	0.06	0.302	BV B
3	7.90	Sulfate	40.297	7.316	96.44	1139.100	BV B
Total:			43.152	7.586	100.00	1168.246	

55 K2110356-005

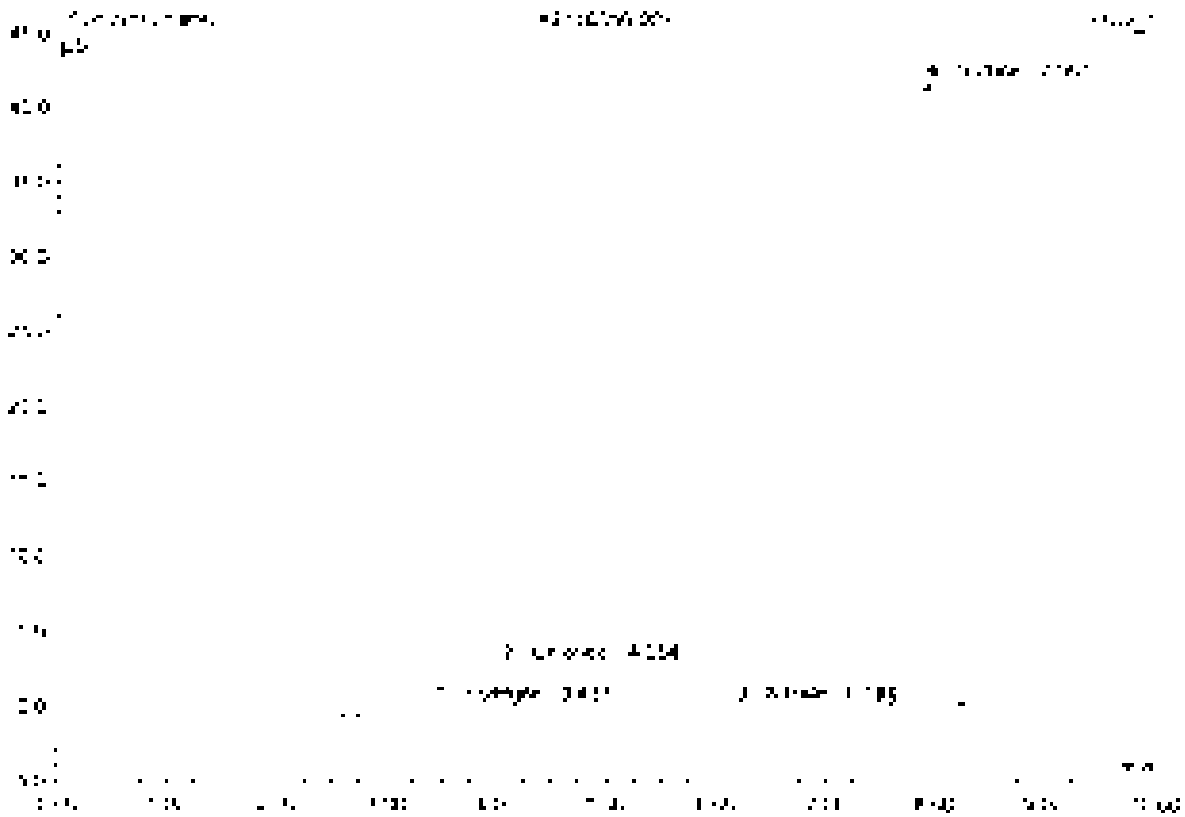
Sample Name	K2110356-005	Injection Volume	25.0
Vial Number	37	Column	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Processing Time	9/17/2021 1:28	Sample Weight	1.0000
Run Temperature	40.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.44	Formate	0.337	0.317	4.72	n.a.	BMB
2	4.05	Chloride	2.804	0.362	3.78	28.724	BMB
3	6.19	Nitrite	0.243	0.006	0.08	0.284	BV B
4	7.50	Sulfate	40.548	7.344	91.42	1143.441	BV B
Total:			43.932	7.029	100.00	1172.449	

56 K2110356-007

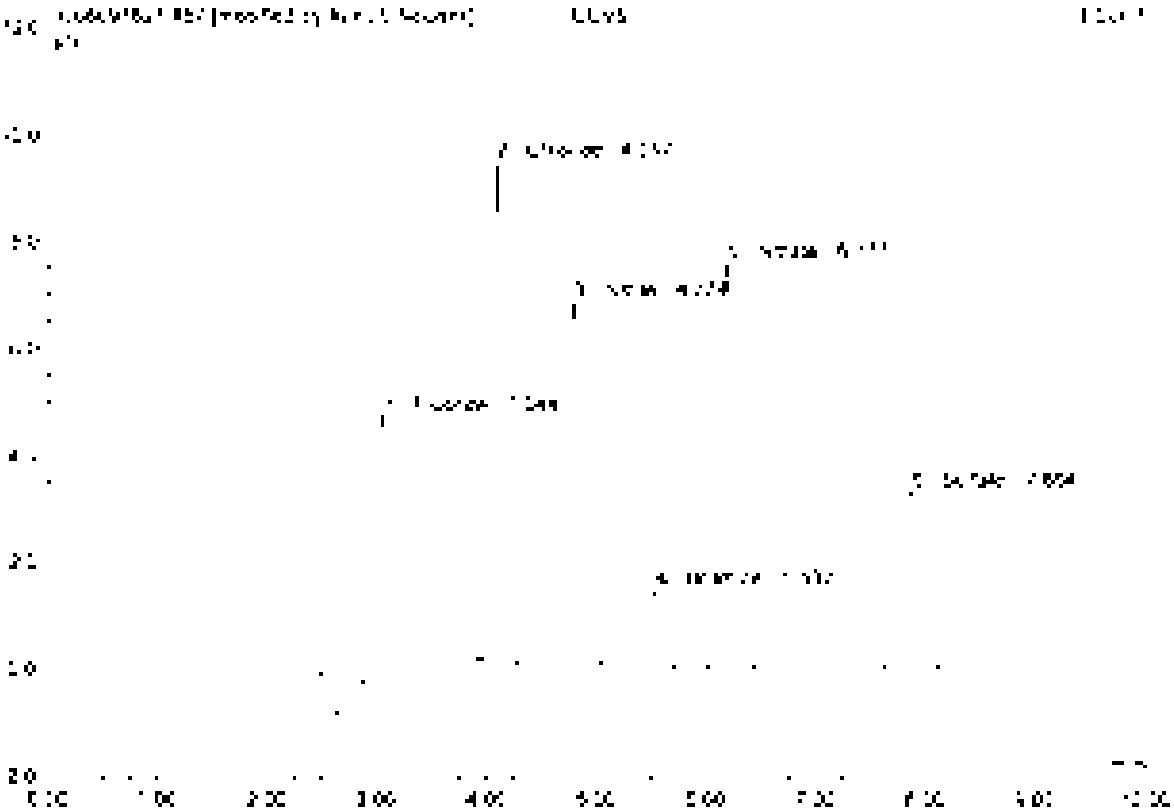
Sample Name	K2110356-007	Injection Volume	25.0
Vial Number	34	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	30.0000
Processing Time	6/17/2021 1:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.84	Fumarate	0.340	0.076	4.57	n.a.	BMB
2	4.35	Chloride	2.726	0.460	27.15	26.502	BMB
3	5.18	Nitrate	0.035	0.005	0.28	0.232	BMB
4	7.30	Sulfate	41.633	7.687	62.71	1'182.630	BMB
Total:			44.753	8.232	100.00	1'211.364	

57 CCV5

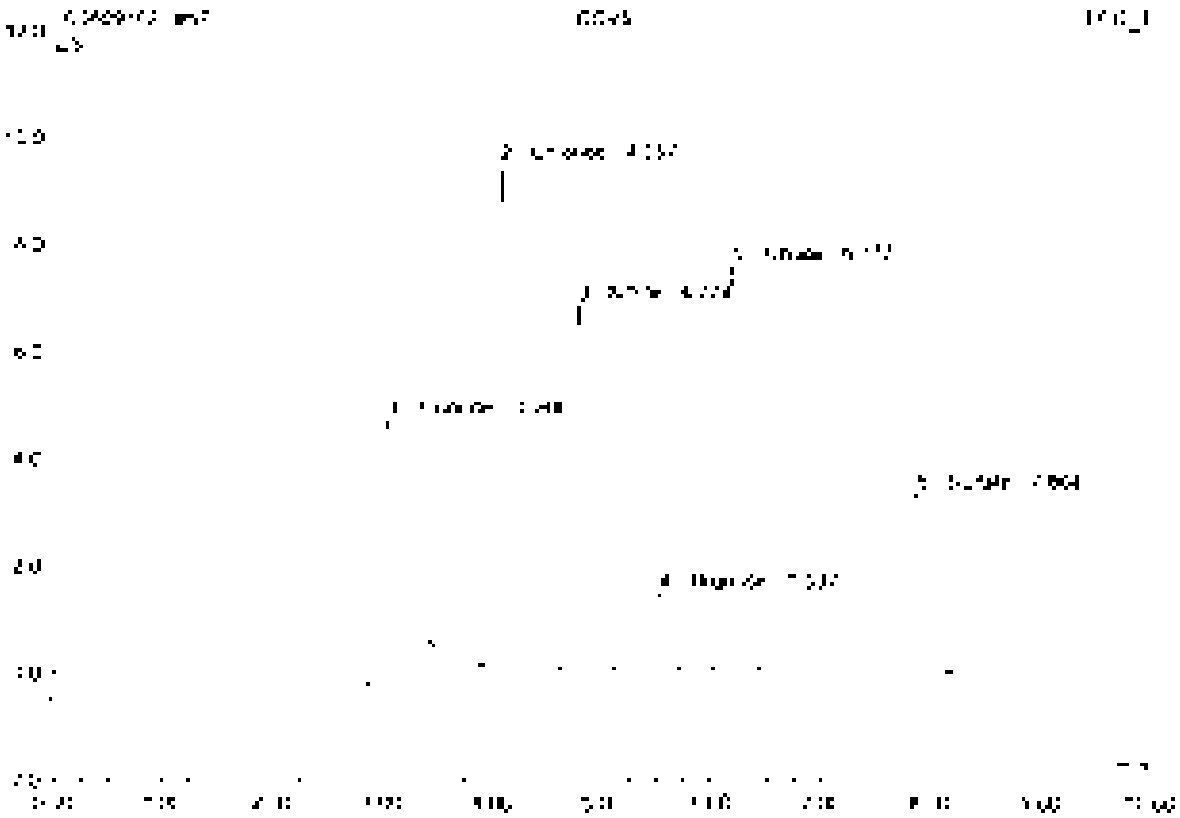
Sample Name	CCV5	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Method Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/17/2021 1:51	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.64	Fluoride	4.907	[illegible]	21.73	[illegible]	BMBT
2	4.06	Chloride	9.350	0.560	18.35	[illegible]	BMBT
3	4.47	Nitrite	8.925	0.550	18.81	3.422	BMB
4	5.54	Bromide	1.458	0.175	3.50	2.425	BMB
5	6.18	Nitrate	7.577	1.344	22.15	[illegible]	BMB
6	7.86	Sulfate	3.228	0.626	13.32	4.270	BMB
Total:			33.475	4.713	100.00	21.218	

57 CCV5

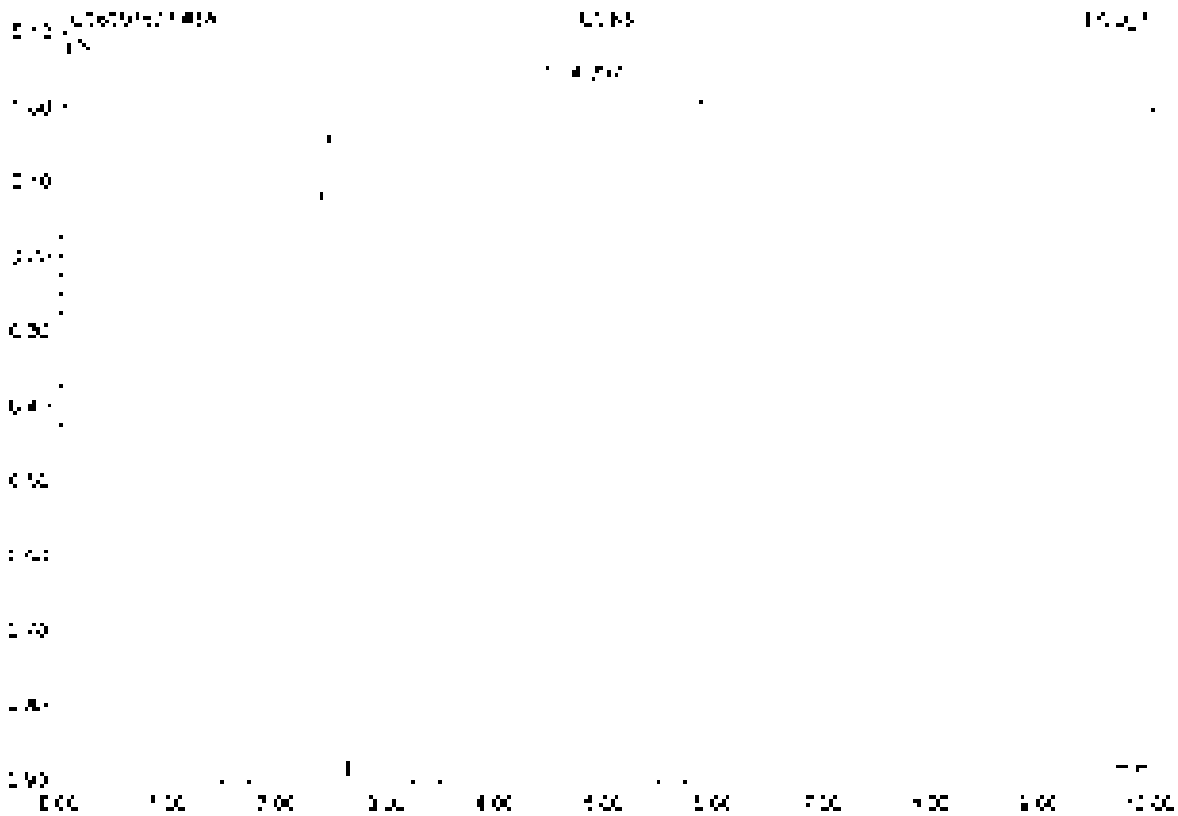
Sample Name	CCV5	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Acquiring Time	5/17/2021 1:51	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	8.931	[illegible]	24.81	5.275	BMB
2	4.05	Chloride	9.386	0.866	17.98	4.214	BMB
3	4.77	Nitrite	6.825	0.586	12.54	2.487	BMB
4	5.54	Bromide	1.452	0.179	3.74	2.425	BMB
5	6.15	Nitrate	7.577	1.044	21.84	2.363	BMB
6	7.86	Sulfate	3.378	0.620	12.95	6.870	BMB
Total:			33.502	4.782	100.00	22.729	

58 CCB5

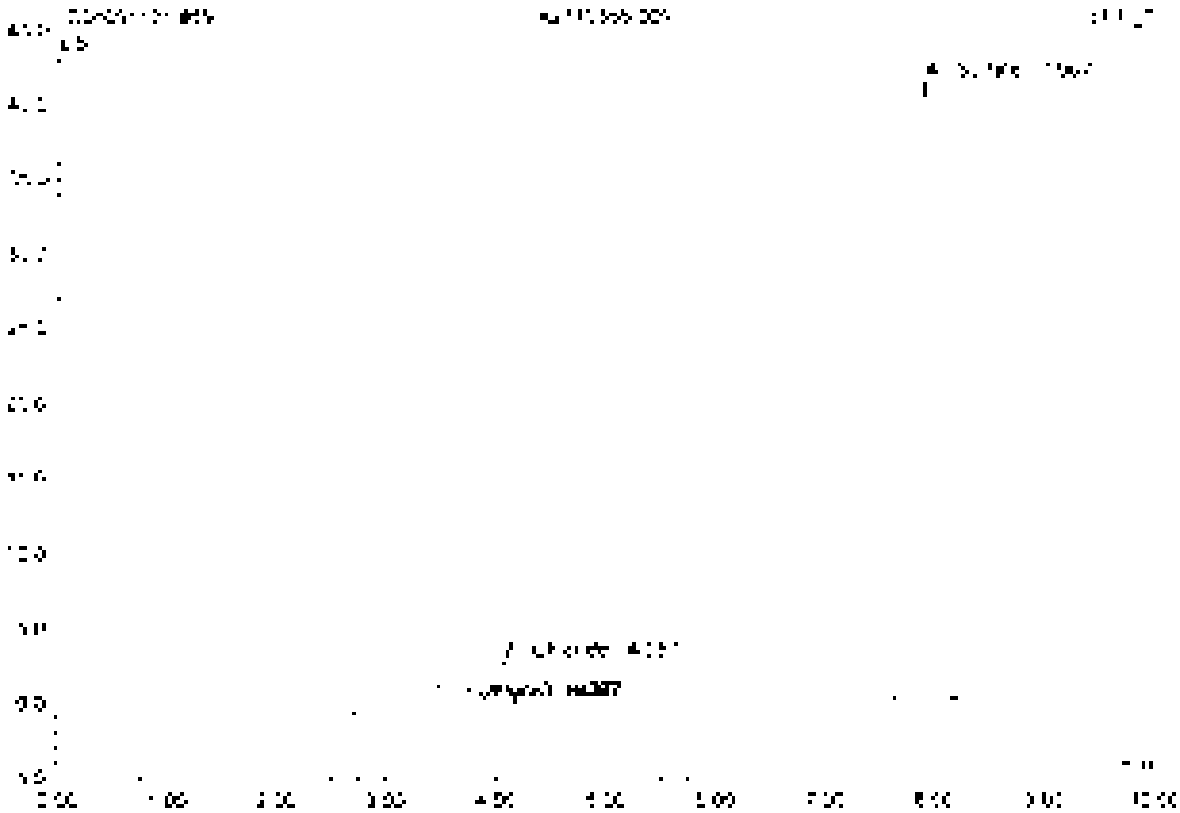
Sample Name	CCB5	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	9/17/2021 2:03	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.50	n.a.	0.712	3.151	100.00	n.a.	BMB
Total:			0.712	3.151	100.00	0.000	

59 K2110356-009

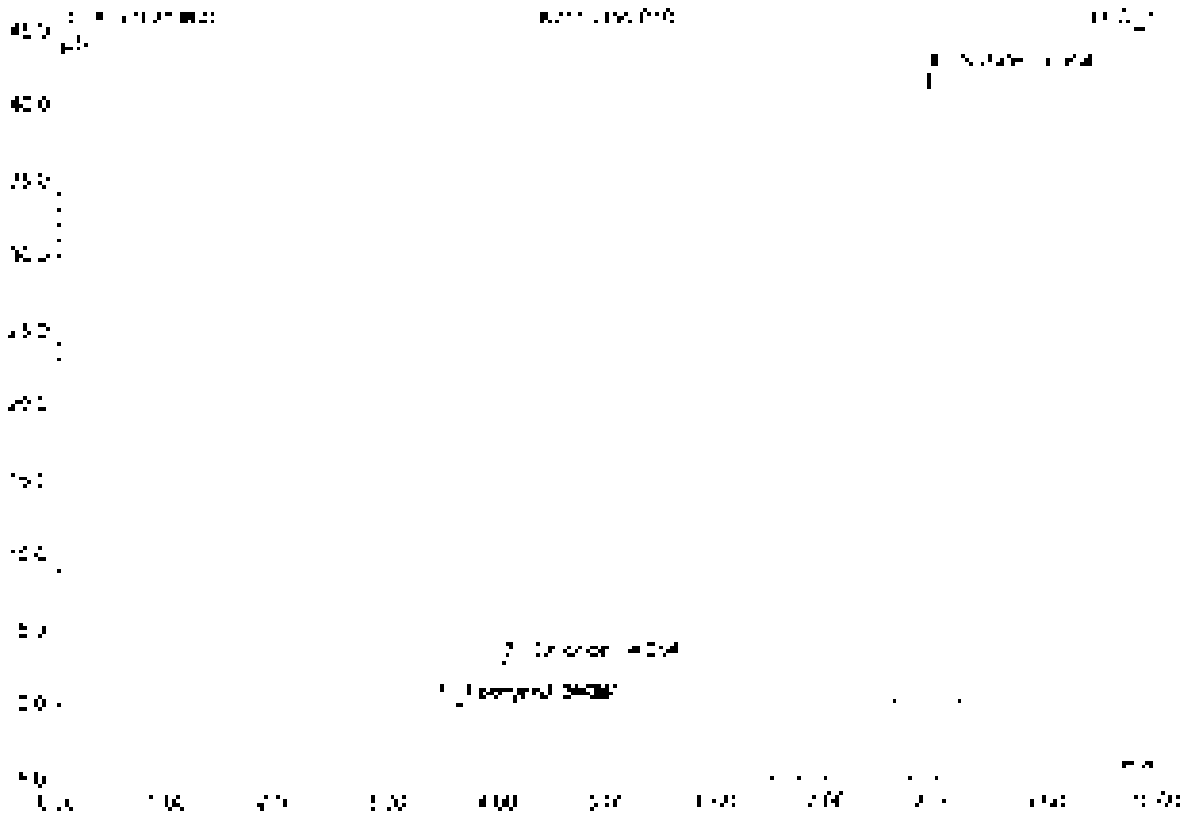
Sample Name	K2110356-009	Injection Volume	25.0
Vial Number	39	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	20.0000
Processing Time	9/17/2021 2:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.46	Formate	0.355	0.377	4.52	n.a.	BMB
2	4.05	Chloride	2.771	0.215	2.57	28.337	bVB
3	4.40	n.a.	0.064	0.006	0.08	n.a.	BMB
4	7.91	Sulfate	41.410	7.535	90.14	[illegible]	BMB
Total:			44.605	8.172	100.00	1201.592	

60 K2110356-010

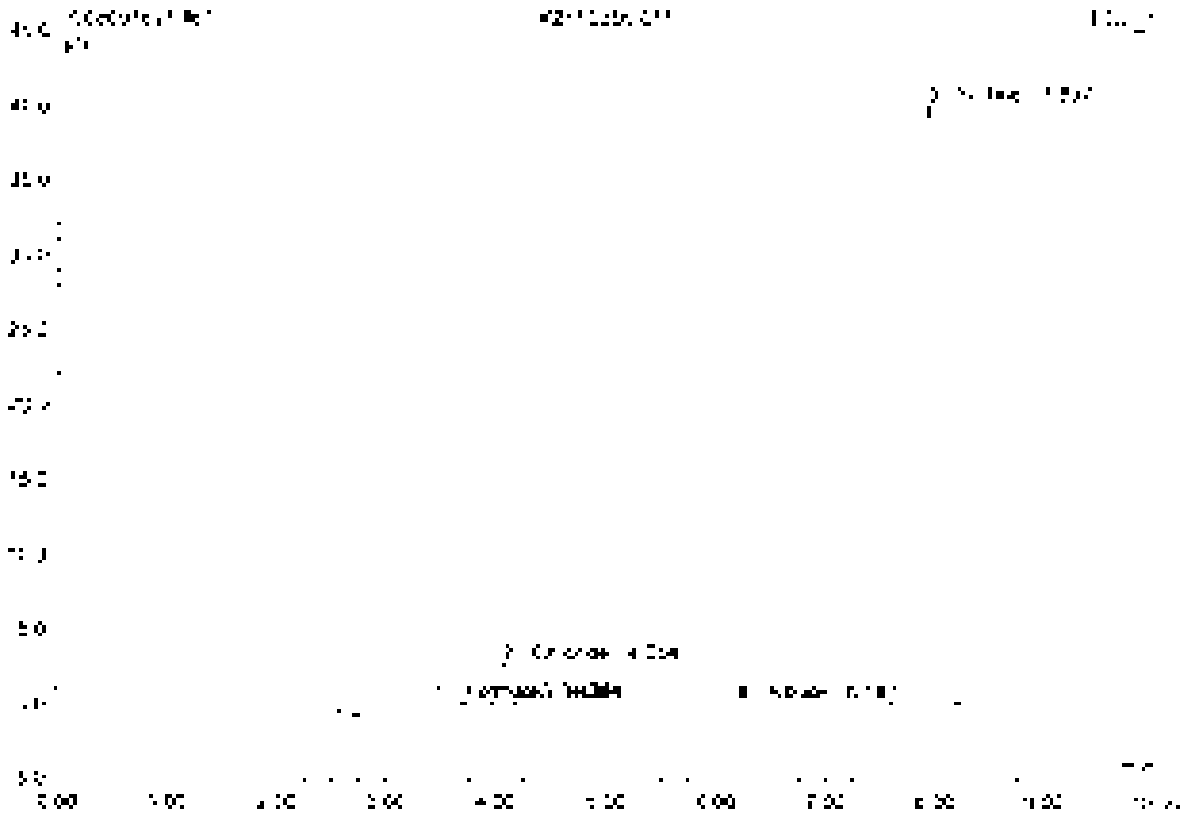
Sample Name	K2110356-010	Injection Volume	25.0
Vial Number	40	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	20.0000
Recording Time	[illegible]/2021 2:26	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.43	Formate	0.343	0.363	4.32	n.a.	BMB
2	4.05	Chloride	2.835	0.255	3.19	25.352	BMB
3	4.34	n.a.	0.057	0.006	0.07	n.a.	BMB
4	7.50	Sulfate	42.112	7.536	92.42	[illegible]	BVA
Total:			45.353	8.328	100.00	[illegible]	

61 K2110356-011

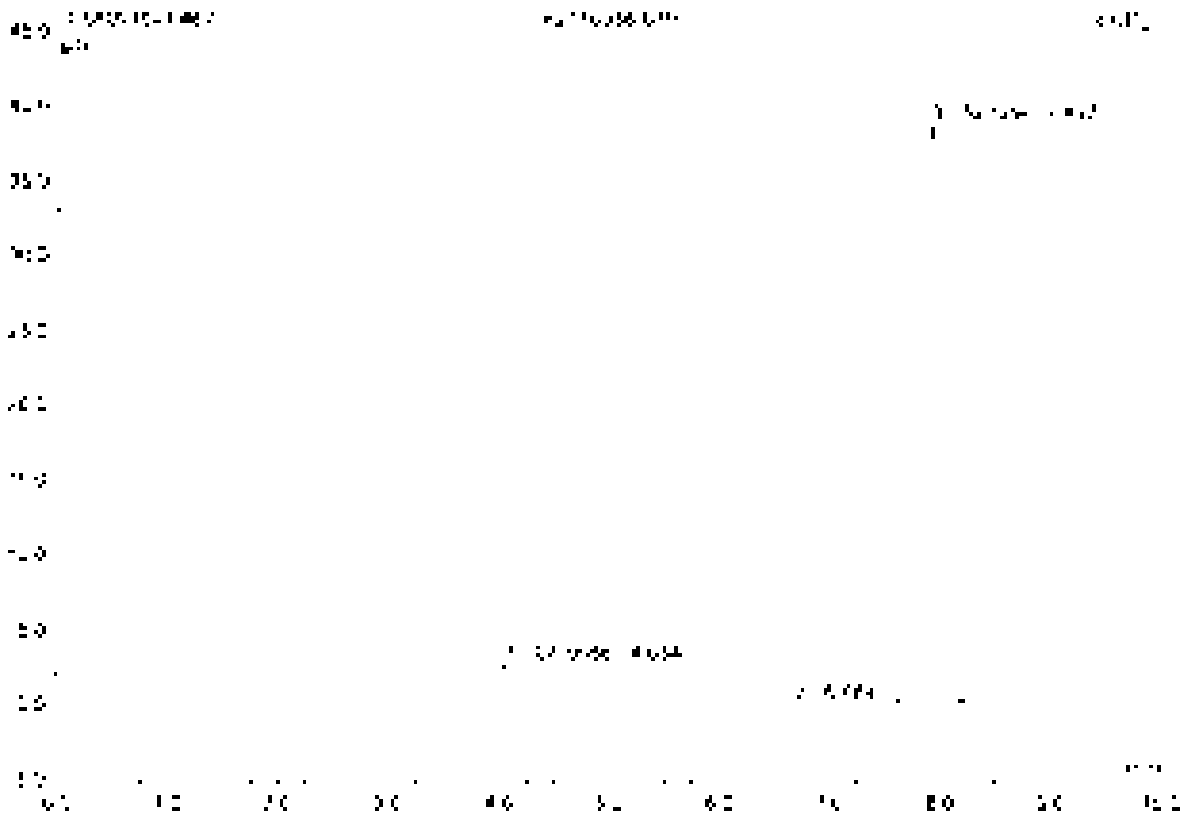
Sample Name	K2110356-011	Injection Volume	25.0
Vial Number	41	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Method	epa300	Dilution Factor	20.0000
Recording Time	9/17/2021 2:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.43	Formate	0.374	0.327	4.16	n.a.	BMB
2	4.05	Chloride	2.677	0.252	3.20	27.555	BMB
3	4.39	n.a.	0.001	0.006	0.08	n.a.	BMB
4	6.16	Nitrate	0.038	0.006	0.07	0.253	BMB
5	7.90	Sulfate	40.679	7.275	92.49	1132.725	BMB
Total:			43.769	7.866	100.00	1160.551	

62 K2110356-019

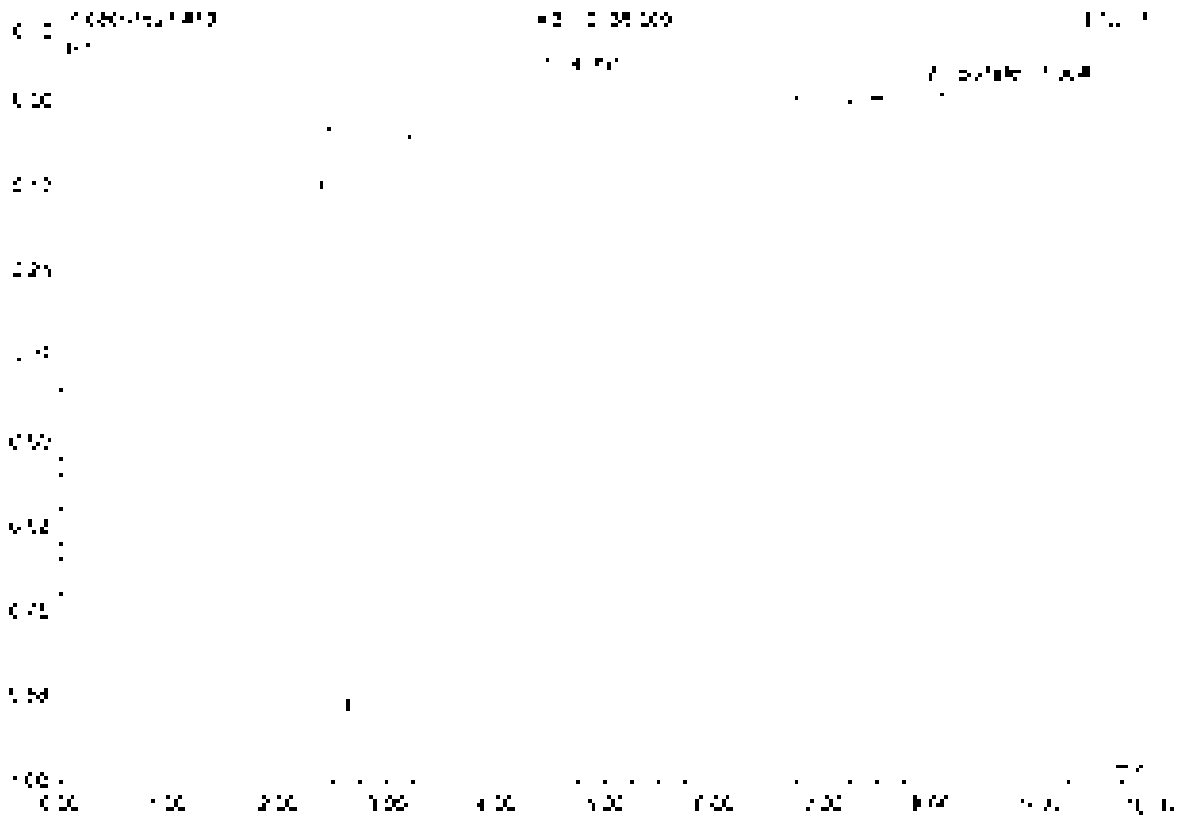
Sample Name	K2110356-019	Injection Volume	25.0
Vial Number	62	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Method Filename	epa300	Bandwidth	n.a.
Signal Name	epa300	Dilution Factor	20.0000
Recording Time	9/17/2021 2:50	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	2.715	0.254	3.46	27.871	BV8
2	6.08	n.a.	0.025	0.007	0.09	n.a.	BV8
3	7.90	Sulfate	38.664	7.084	96.44	1'[illegible]	BV8
Total:			41.404	7.345	100.00	1'[illegible]	

63 K2110138-009

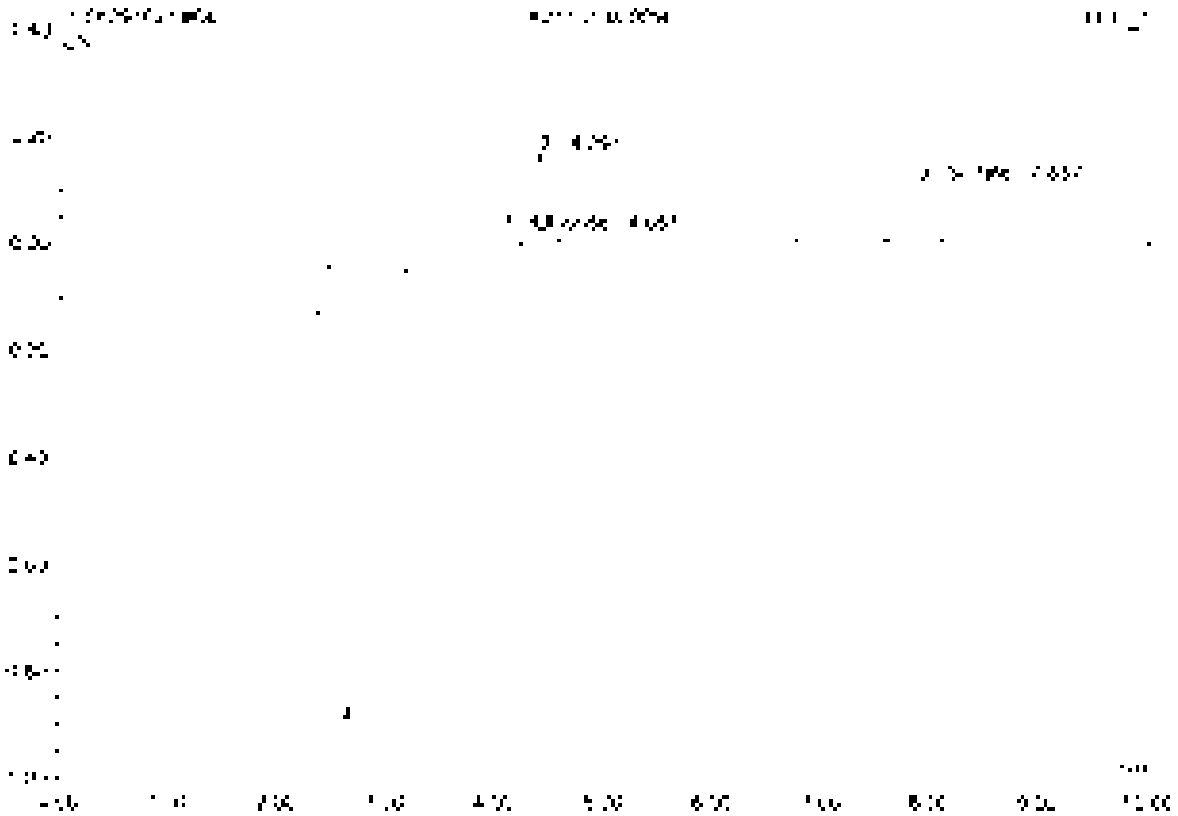
Sample Name	K2110138-009	Injection Volume	35.0
Vial Number	43	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	9/17/2021 3:01	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.09	n.a.	0.596	[illegible]	99.67	n.a.	BMB
2	7.60	Solute	0.021	0.006	0.33	0.006	cMB
Total			0.617	1.896	100.00	0.006	

64 K2110138-009D

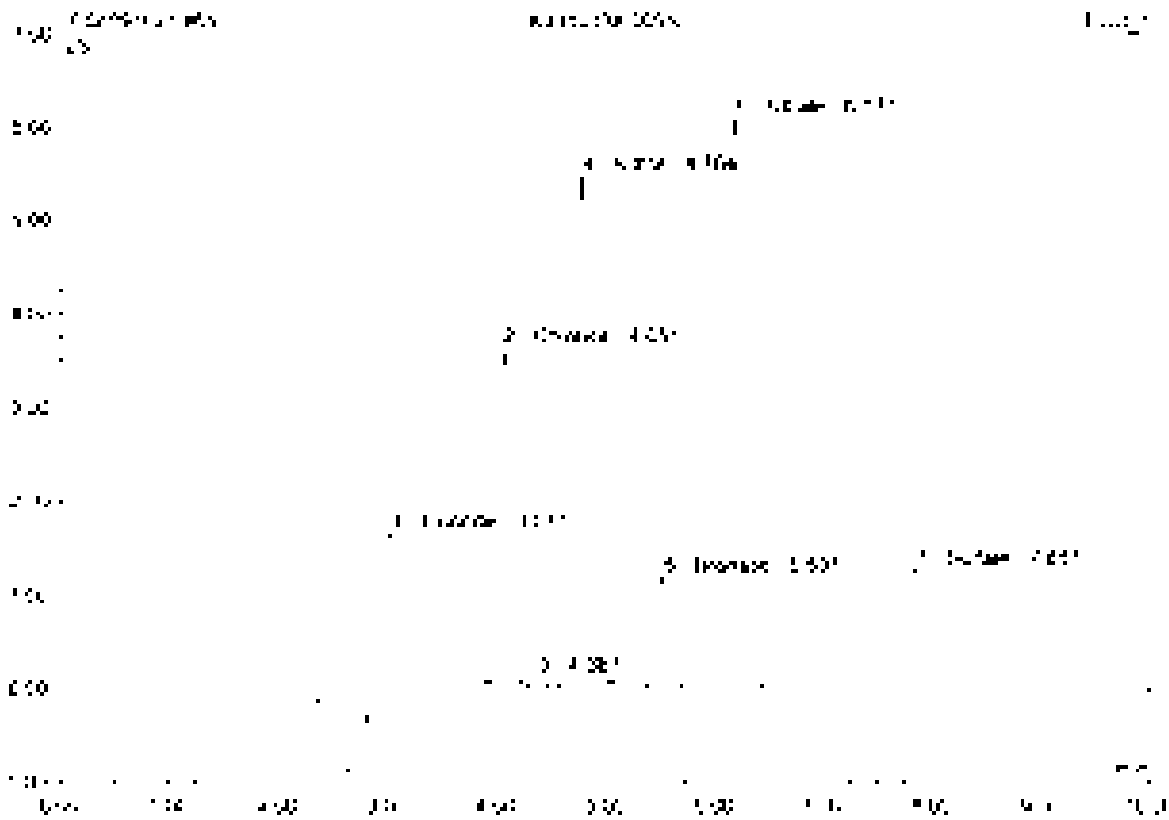
Sample Name	K2110138-009D	Injection Volume	25.0
Vial Number	44	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Separation	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Analyzing Time	9/07/2021 3:10	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.35	Chloride	0.122	0.542	93.01	5.934	BMB
2	4.39	n.a.	0.164	0.018	3.05	n.a.	BA3
3	7.86	Sulfate	0.171	0.020	3.93	0.357	BMB
Total:			0.358	0.582	100.00	6.290	

65 K2110138-009S

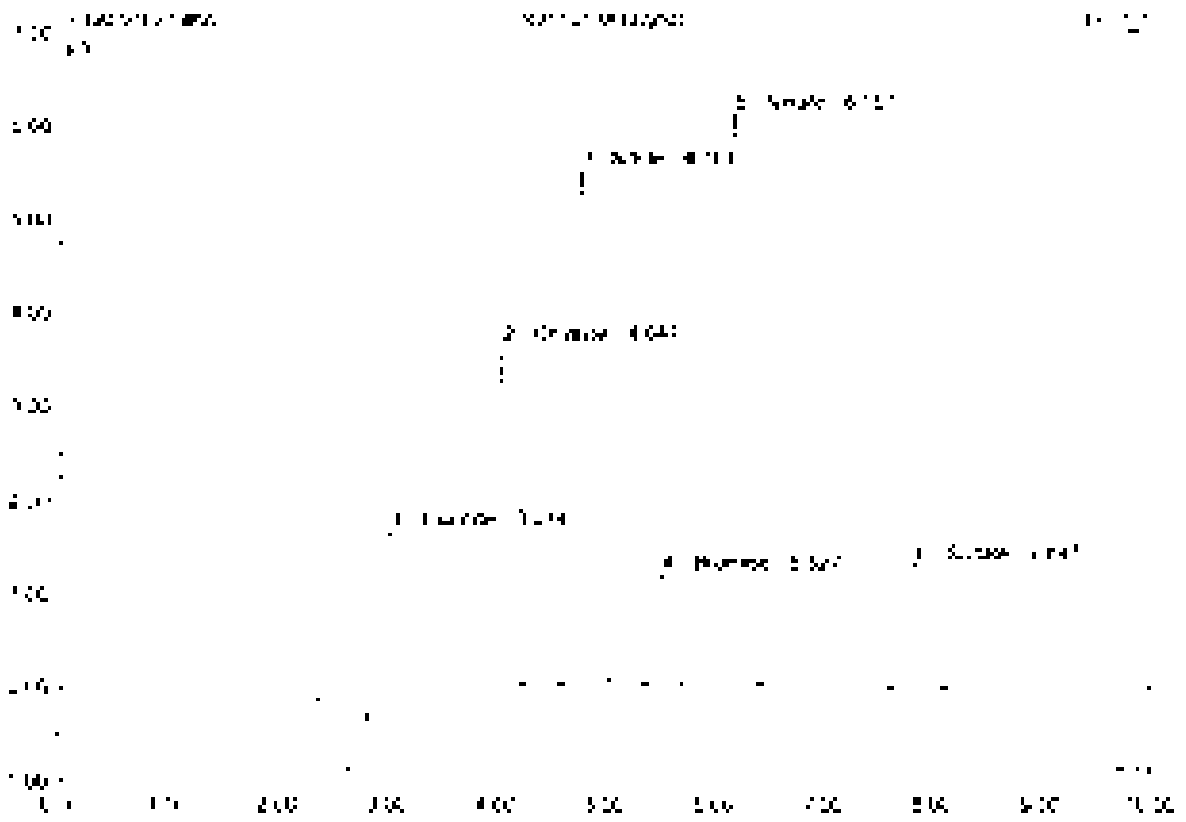
Sample Name	K2110138-009S	Injection Volume	25.0
Vial Number	45	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Comm. Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	4.0000
Recording Time	9/17/2021 9:24	Sample Weight	1.0000
Inj. Timepoint	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.64	Fluoride	1.537	0.537	15.64	5.563	BMB
2	4.05	Chloride	3.595	0.994	11.84	7.025	BMB
3	4.29	n.a.	0.092	0.013	0.35	n.a.	AMB
4	4.75	Nitrite	5.452	0.735	25.00	7.931	BMB
5	5.53	Bromide	1.190	0.146	5.17	7.907	BMB
6	6.17	Nitrate	6.092	0.845	29.94	7.949	BMB
7	7.85	Sulfate	1.256	0.242	8.57	7.517	BMB
Total:			19.664	2.872	100.00	47.905	

B6 K2110138-009SD

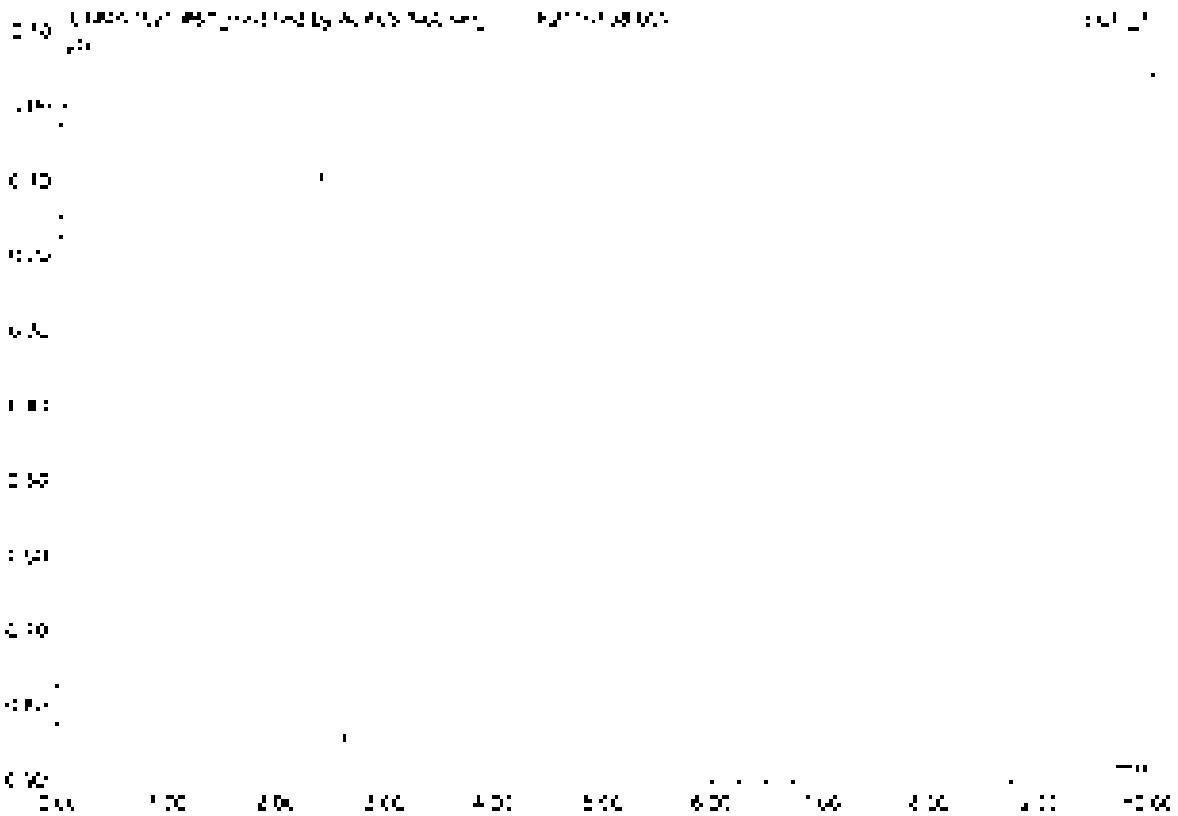
Sample Name	K2110138-009SD	Injection Volume	25.0
Vial Number	50	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	4.0000
Recording Time	9/17/2021 3:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	4.05	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
3	[illegible]	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]	BVB
4	5.53	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	BVB
5	5.17	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BVB
6	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

67 K2110138-009

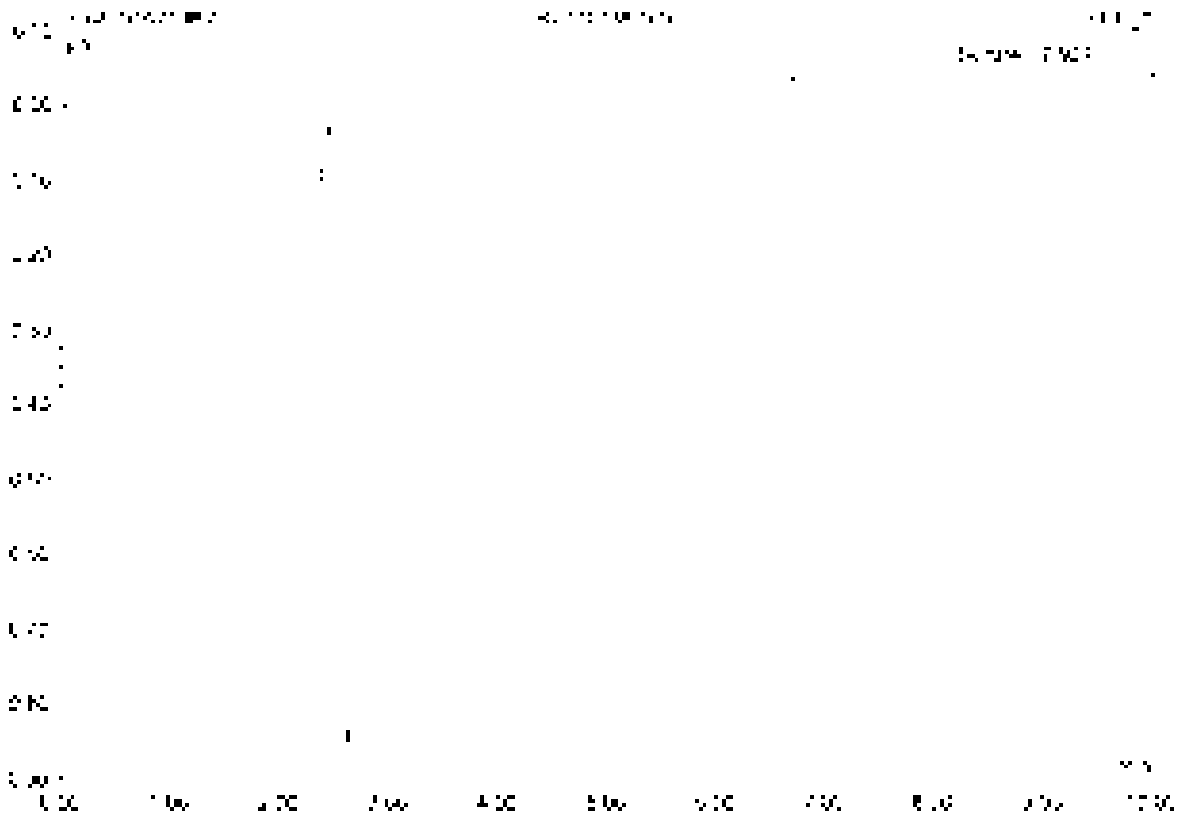
Sample Name	K2110138-009	Injection Volume	25.0
Vial Number	5	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	8/17/2021 10:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

67 K2110138-009

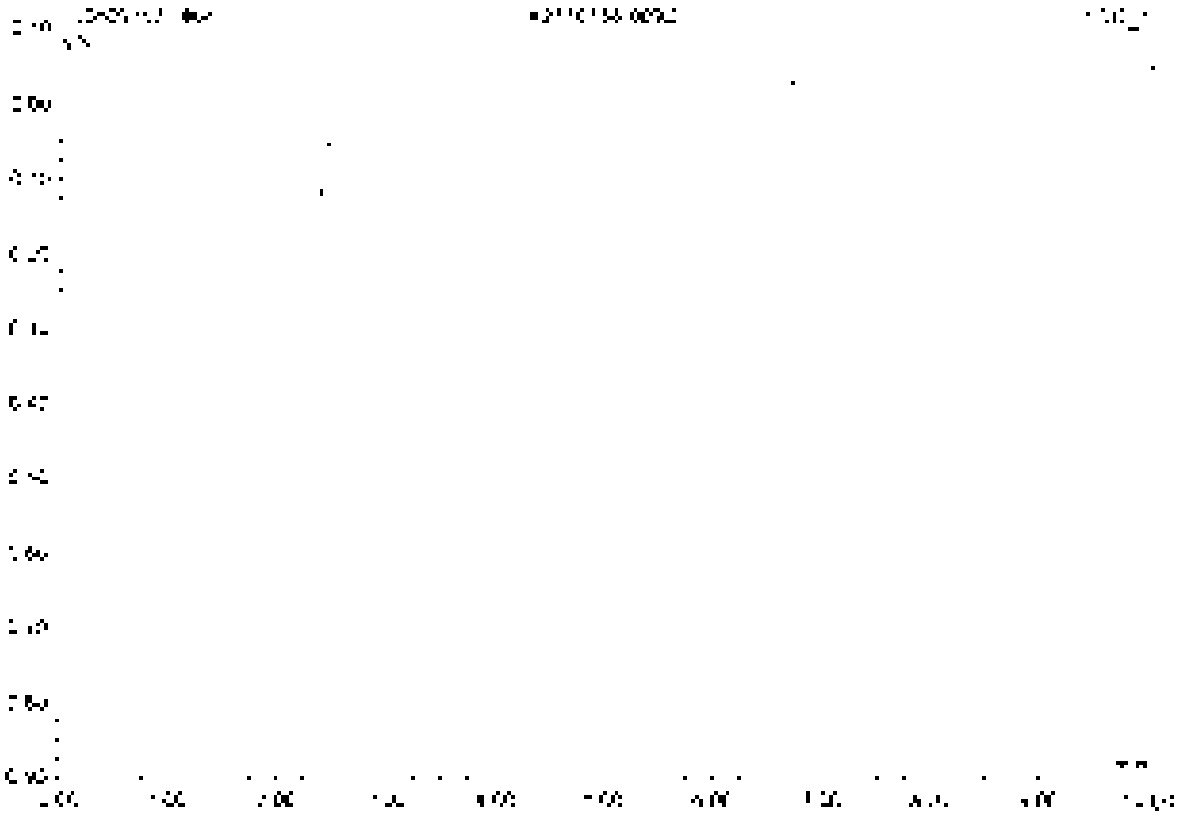
Sample Name	K2110138-009	Injection Volume	25.0
Vial Number	3	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Blank Vial	n.a.
Quant Method	epa300	Dilution Factor	2.0000
Processing Time	9/17/2021 10:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	7.51	Sulfate	0.265	3.074	100.00	47.557	BMB
Total:			0.265	3.074	100.00	47.557	

68 K2110138-009D

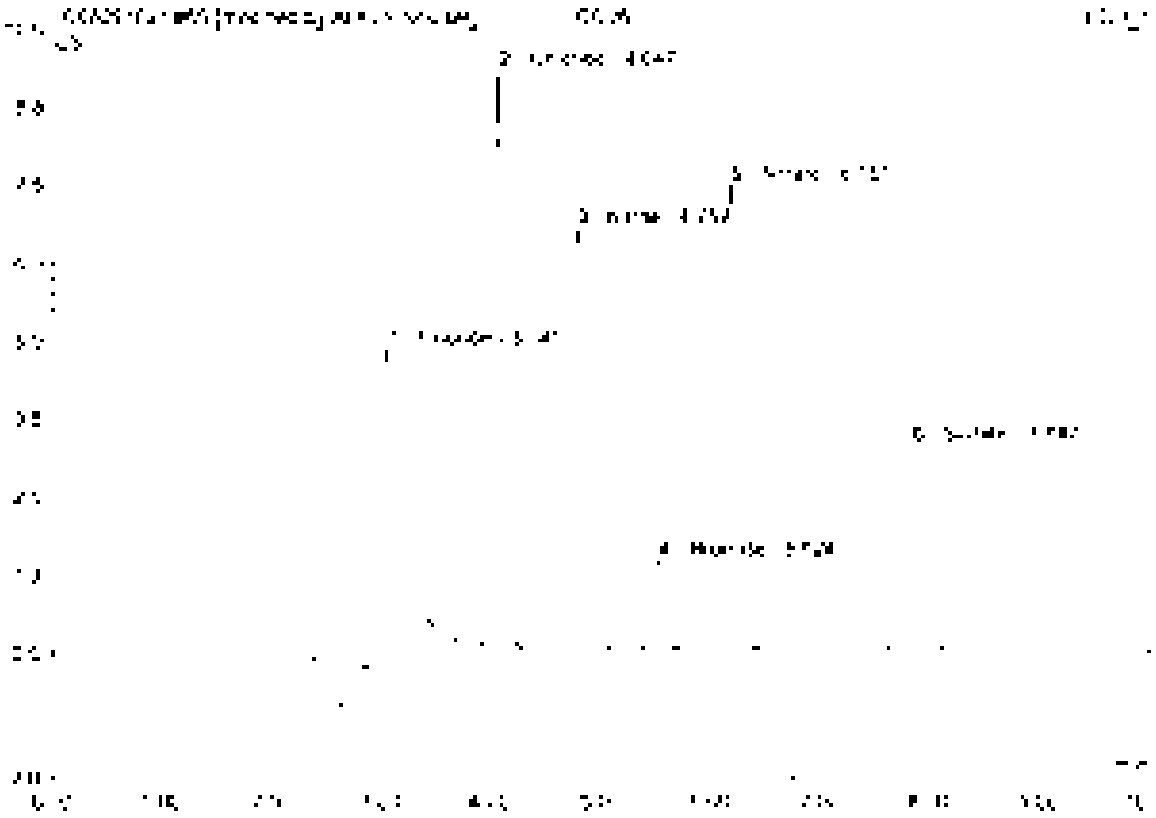
Sample Name	K2110138-009D	Injection Volume	25.0
Vial Number	8	Channel	DGD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	[illegible] 10:51	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

69 CCV6

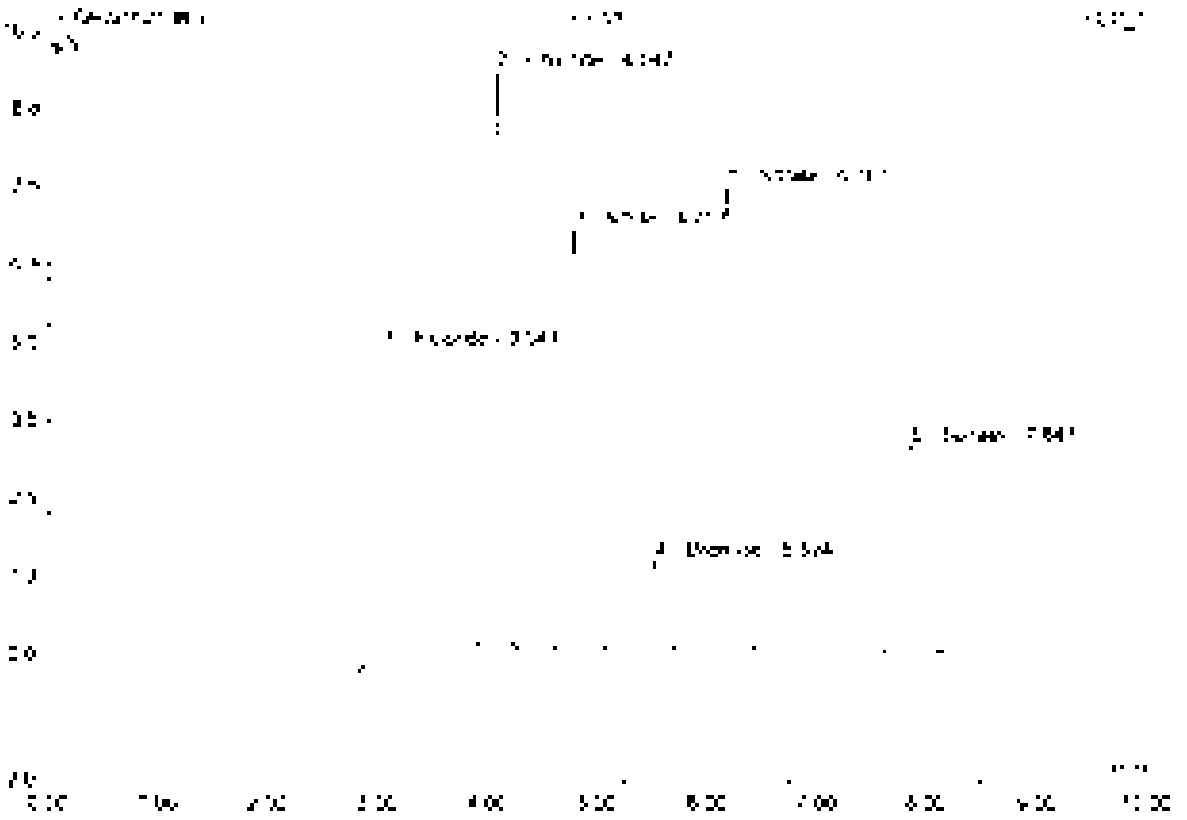
Sample Name	CCV6	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Acquisition Time	[illegible]/2021 10:45	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.06	Fluoride	5.323	[illegible]	21.87	4.937	BV*B*
2	4.05	Chloride	6.225	0.842	38.22	6.640	BM*S*
3	4.75	Nitrite	6.734	0.872	18.76	3.442	BV g
4	5.32	Bromide	1.435	0.175	3.77	0.372	BV*B
5	6.15	Nitrate	7.444	1.027	22.10	2.325	BV*B
6	7.65	Sulfate	3.256	0.518	13.25	4.510	BV*B
Total:			33.158	4.645	100.00	21.126	

69 CCV6

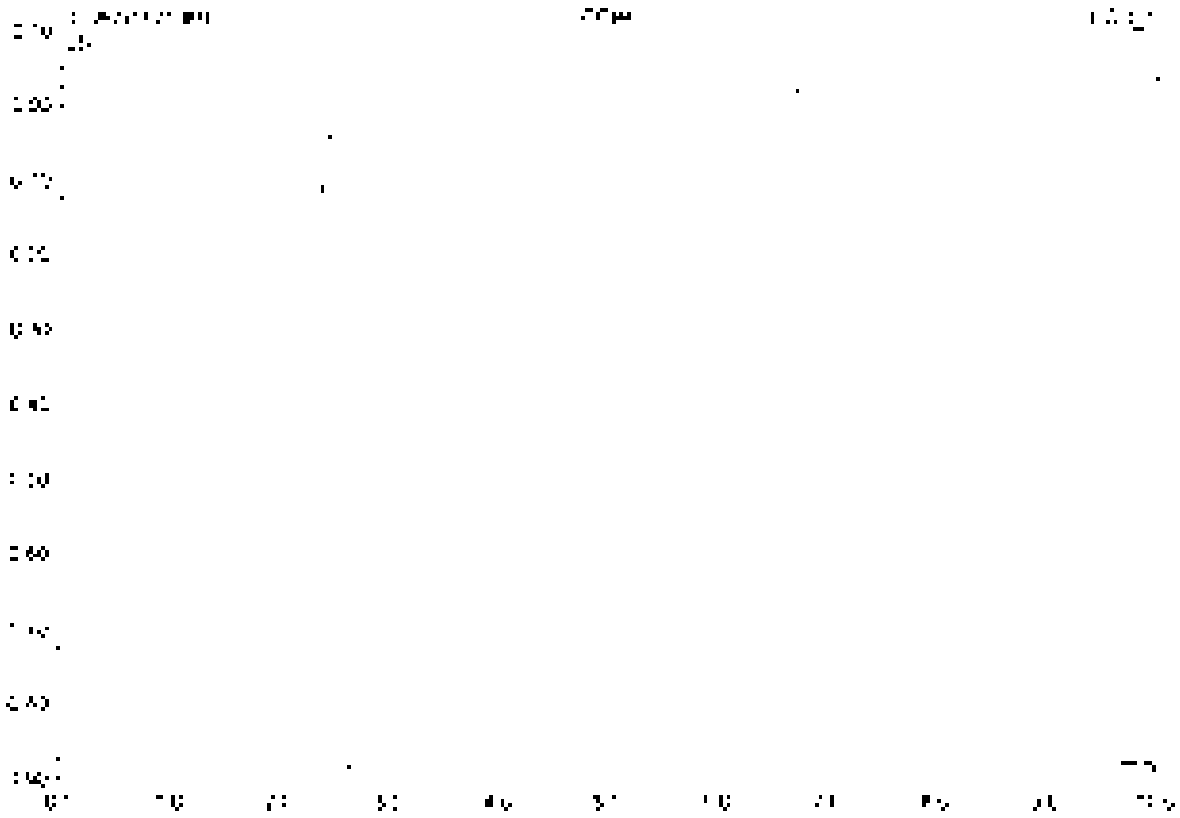
Sample Name	CCV6	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Processing Time	8/17/2021 10:43	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.64	Fluoride	5.063	1.251	25.35	5.340	BMB
2	4.05	Chloride	5.217	0.843	17.79	4.515	BVB
3	4.76	Nitrite	6.[illegible]	0.872	18.42	2.442	BVB
4	5.62	Bromide	[illegible].435	0.175	3.70	2.372	BVB
5	6.16	Nitrate	7.444	1.027	21.72	2.376	BVB
6	7.65	Sulfate	3.290	0.512	10.80	4.810	BVB
Total:			33.190	4.730	100.00	21.904	

7D CCB6

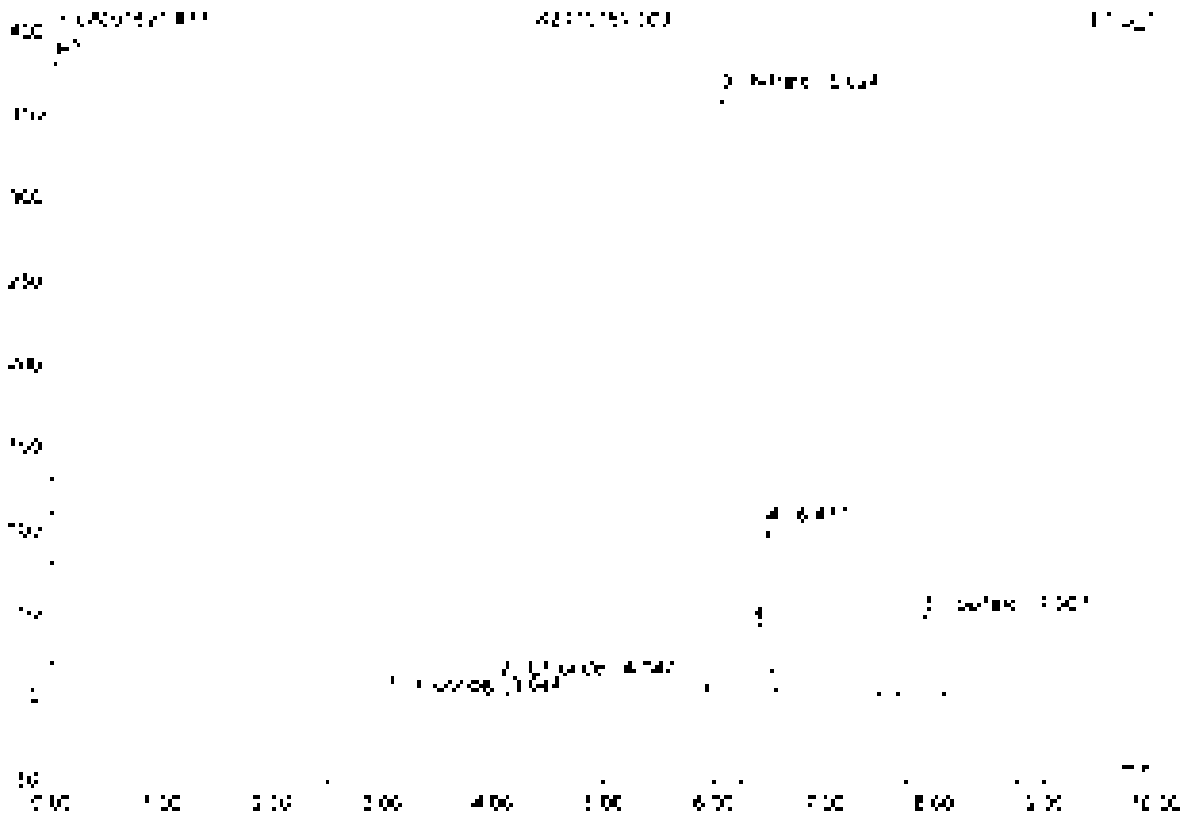
Sample Name	CCB6	Injection Volume	25.0
Vial Number	47	Channel	ECD [illegible]
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Calibrat. Factor	1.0000
Recording Time	9/11/2021 10:55	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

71 K2110159-003

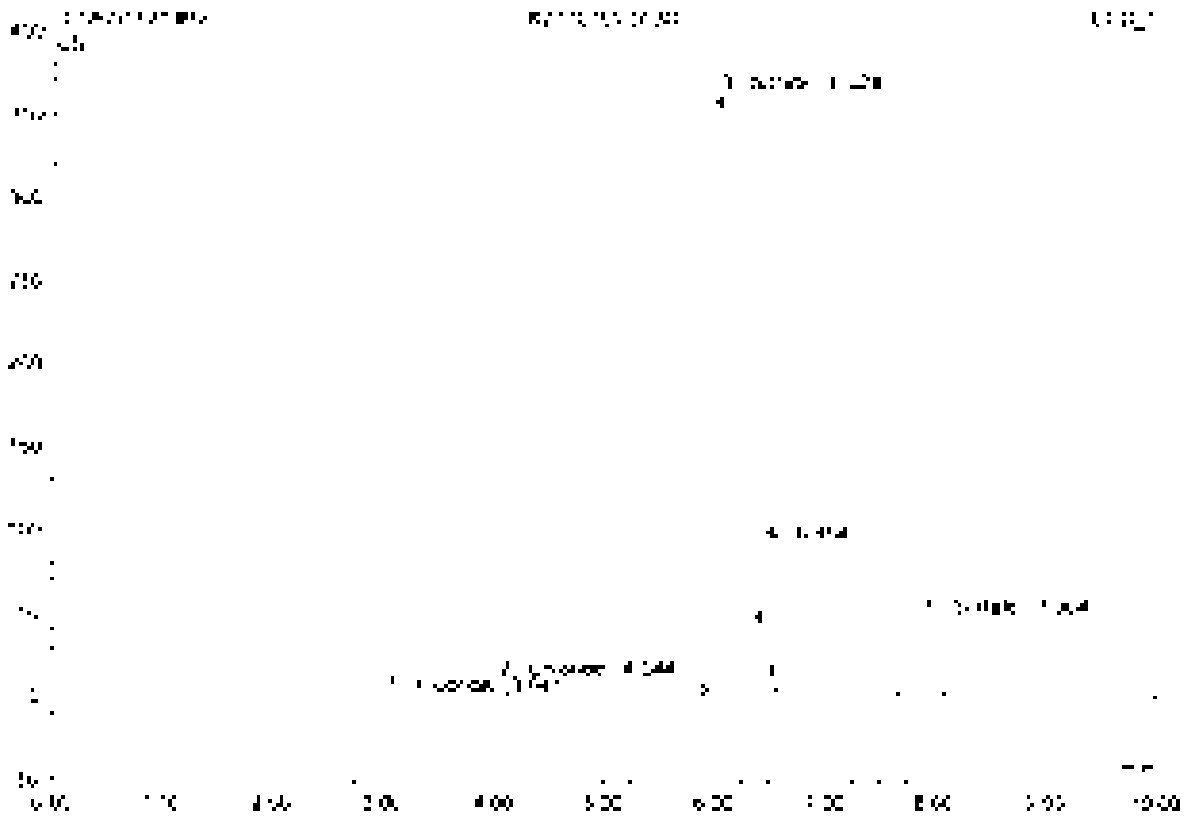
Sample Name	K2110159-003	Injection Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	5.0000
Recording Time	9/17/2021 11:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	0.379	0.224	0.27	4.085	BMB
2	4.05	Chloride	[illegible]	0.964	[illegible]	25.393	BMB
3	6.02	Nitrate	[illegible]	66.569	80.85	[illegible]	BMB
4	6.67	Na	73.459	5.144	6.25	[illegible]	BMB
5	7.91	Sulfate	[illegible]	9.437	[illegible]	[illegible]	BMB
Total:			484.212	82.332	100.00	[illegible]	

72 K2110159-003D

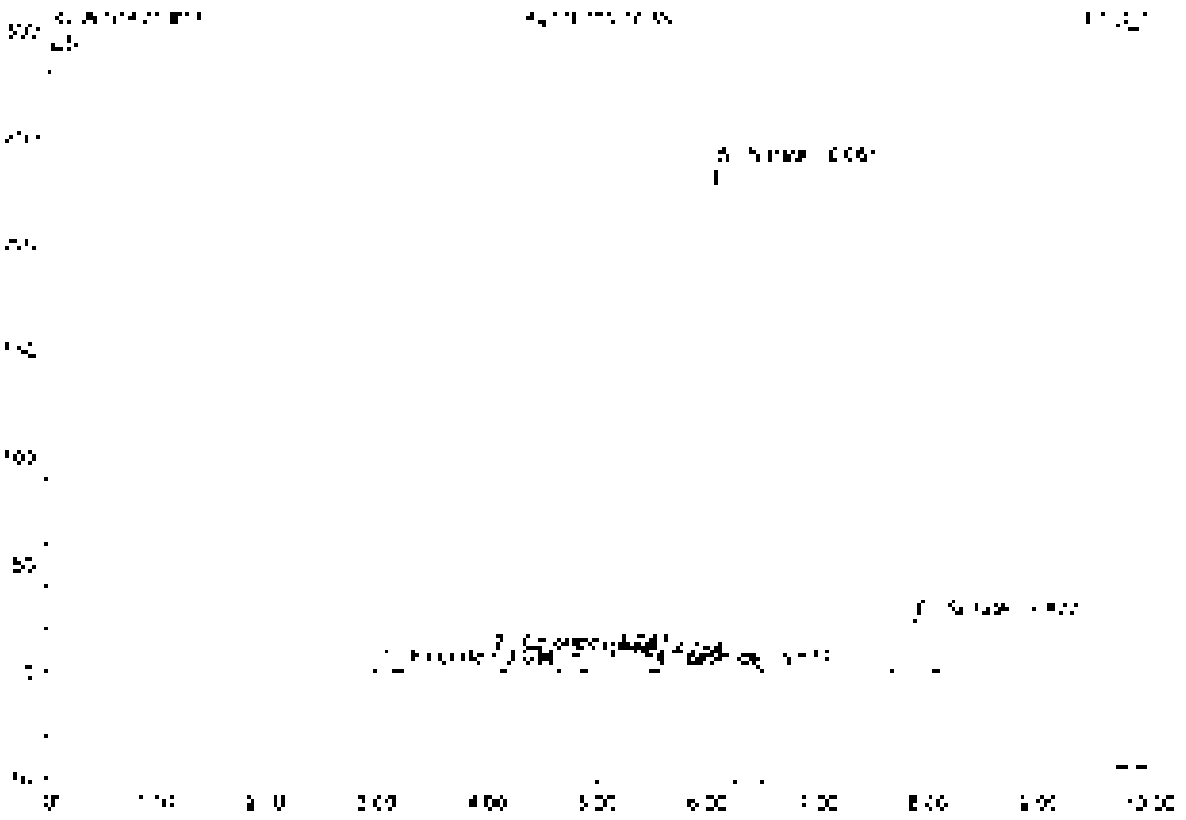
Sample Name	K2110159-003D	Injection Volume	25.0
Vial Number	6	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	5.0000
Processing Time	5/17/2021 11:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	6.380	6.275	0.28	5.015	BMB
2	4.04	Chloride	10.052	0.939	1.15	25.718	BMB
3	6.02	Nitrate	350.522	66.214	21.50	749.206	BMB
4	6.46	n.a.	63.570	4.322	5.05	n.a.	BMB
5	7.50	Sulfate	47.539	8.757	11.32	256.188	BMB
Total:			471.303	80.857	100.00	1036.125	

73 K2110159-003S

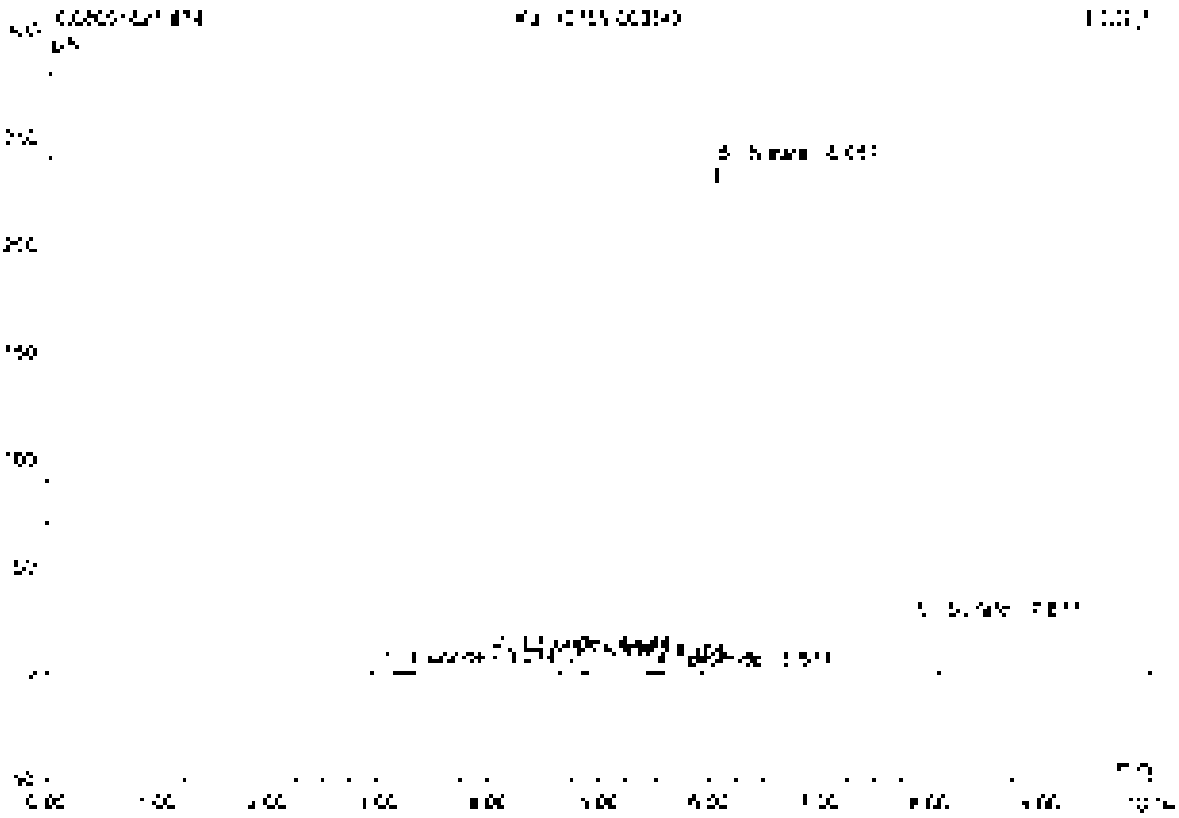
Sample Name	K2110159-003S	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	10.0000
Processing Time	9/17/2021 11:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	2.234	0.551	[illegible]	24.514	MMB
2	4.55	Chloride	8.744	0.810	1.64	44.345	BMB
3	[illegible]	Nitrite	5.414	0.703	[illegible]	[illegible]	BMB
4	5.82	Bromide	1.720	0.154	0.30	22.255	BMB
5	6.30	Nitrate	236.214	42.768	86.37	967.202	BMB
6	7.58	Sulfate	24.452	4.534	9.16	352.536	BMB
Total:			278.311	49.514	100.00	1429.852	

74 K2110159-003SD

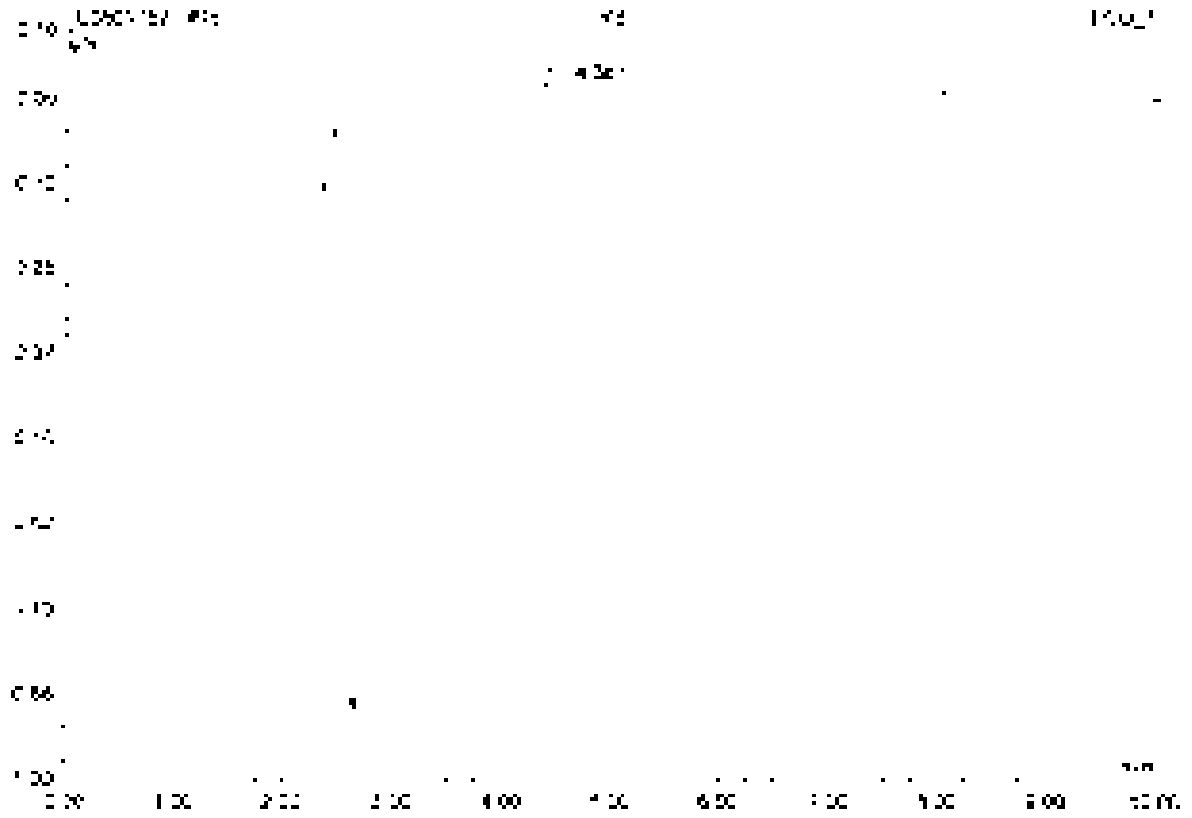
Sample Name	K2110159-003SD	Injection Volume	35.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	10.0000
Acquisition Date	9/17/2021 11:45	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	2.227	0.553	1.12	24.536	BMb
2	4.34	Chloride	8.759	0.814	1.64	44.552	BMB
3	4.75	Nitrite	5.458	0.708	1.43	19.517	BVB
4	5.52	Bromide	1.193	0.151	0.30	20.417	BVB
5	6.06	Nitrate	237.185	42.919	86.38	959.001	BVB
6	7.58	Sulfate	24.427	4.528	9.13	252.472	BMB
Total:			279.278	49.672	100.00	1300.495	

75 RB

Sample Name	RB	Injection Volume	25.0
Vial Number	9	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
System Program	epa300	Bandwidth	n.a.
Signal Method	epa300	Dilution Factor	1.0000
Acquisition Time	9/17/2021 11:54	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

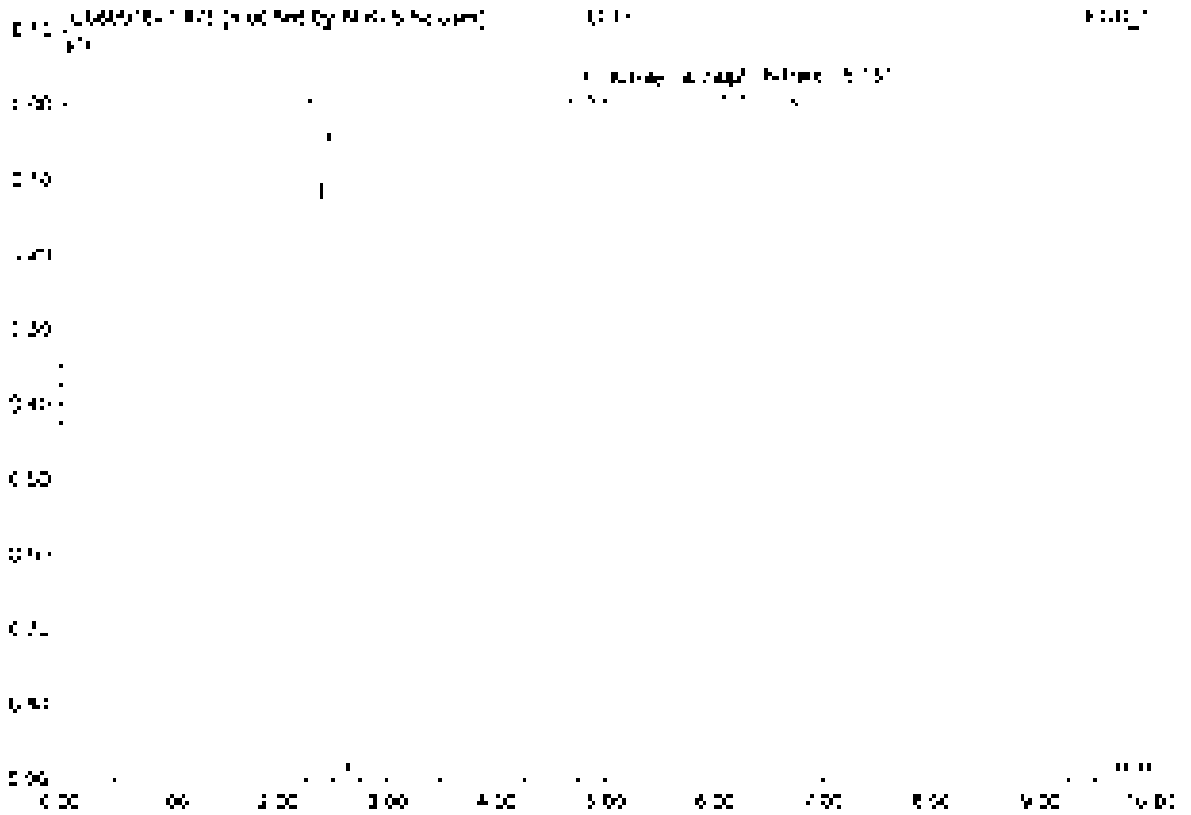


No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.38	n.a.	0.705	3.112	100.00	n.a.	PBMH
Total:			0.705	3.112	100.00	0.000	

76 LOD

0.05 PPM

Sample Name	LOD	Injection Volume	25.0
Vial Number	10	Channel	ECD 1
Sample Type	unknown	Wavelength	n/a
Control Program	epa300	Bandwidth	n/a
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	8/17/2021 12:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

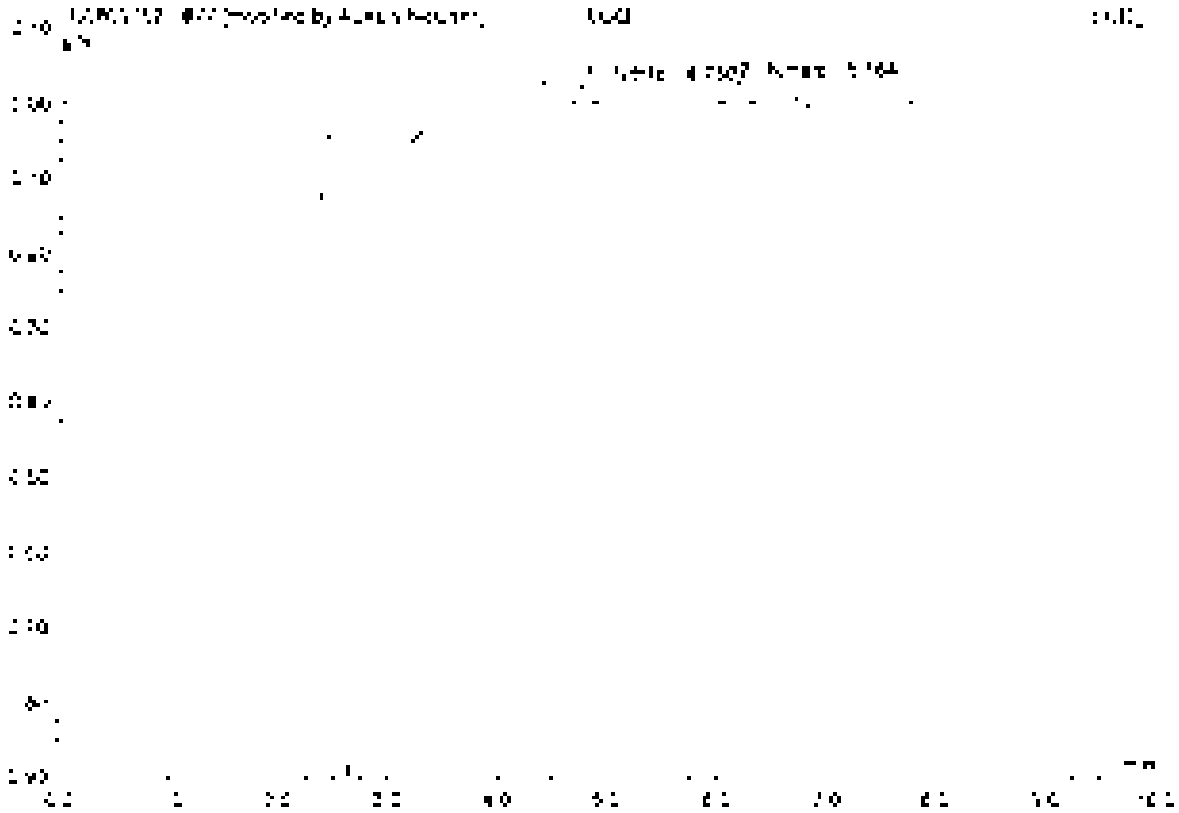


No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.74	Nitrate	0.015	0.002	44.43	0.025	BMB*
2	6.15	Nitrite	0.015	0.002	55.57	0.025	BV2*
Total:			0.030	0.004	100.00	0.010	

77 LOQ

0.1 PPM

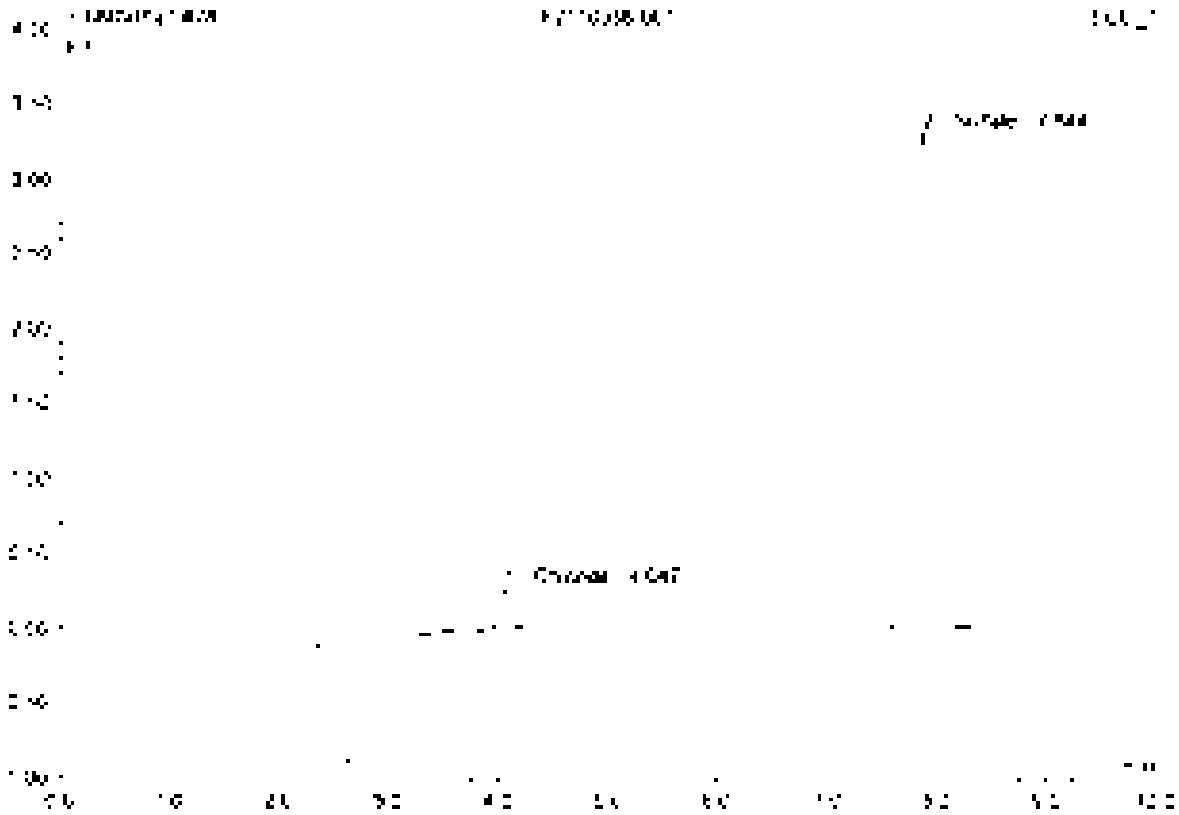
Sample Name	LOQ	Injection Volume	25.0
Vial Number	12	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/17/2021 12:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.75	Nitrite	0.026	0.003	45.51	0.009	BMB*
2	6.16	Nitrate	0.028	0.004	54.49	0.002	BMB*
Total:			0.054	0.007	100.00	0.011	

78 K2110356-001

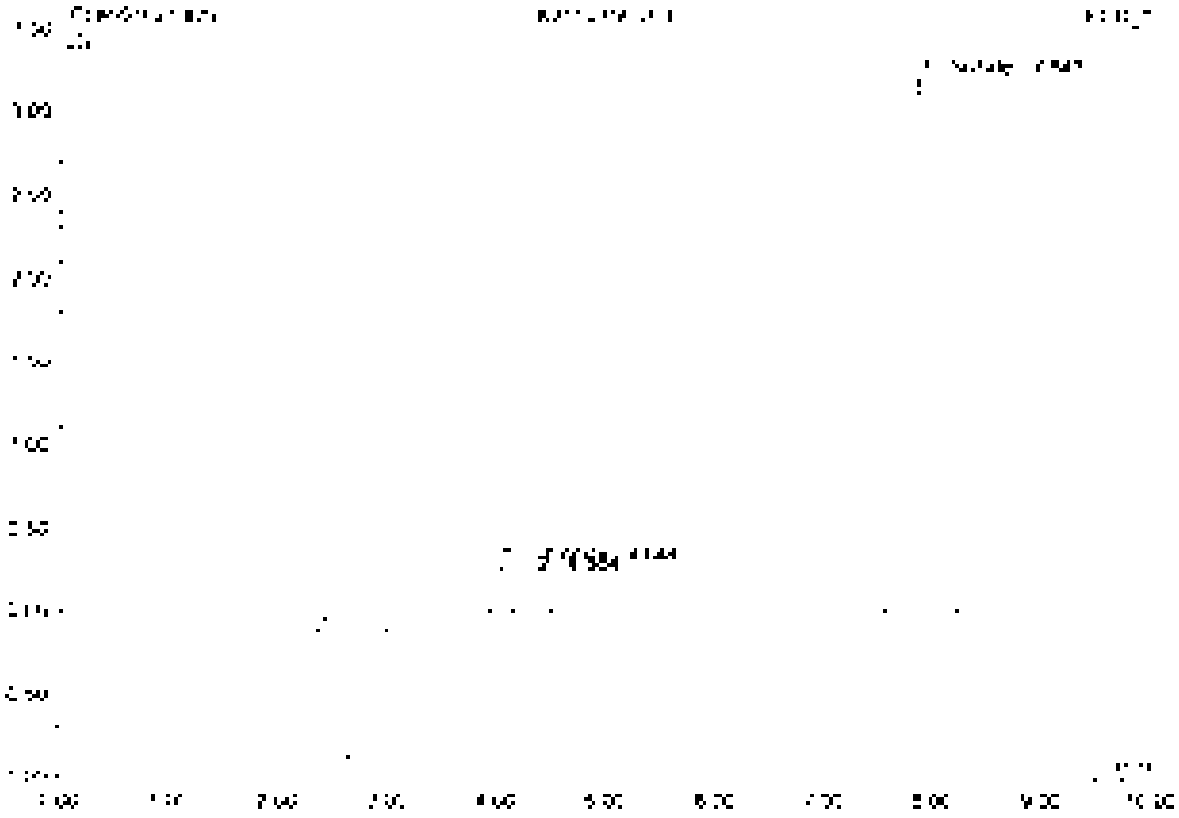
Sample Name	K2110356-001	Injection Volume	35.0
Vial Number	13	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Sample Method	epa300	Dilution Factor	200.0000
Recording Time	9/17/2021 12:30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.250	0.036	5.52	[illegible]	BV B
2	7.84	Sulfate	3.310	0.624	94.48	[illegible]	BV B
Total			3.560	0.660	100.00	[illegible]	

79 K2110356-003

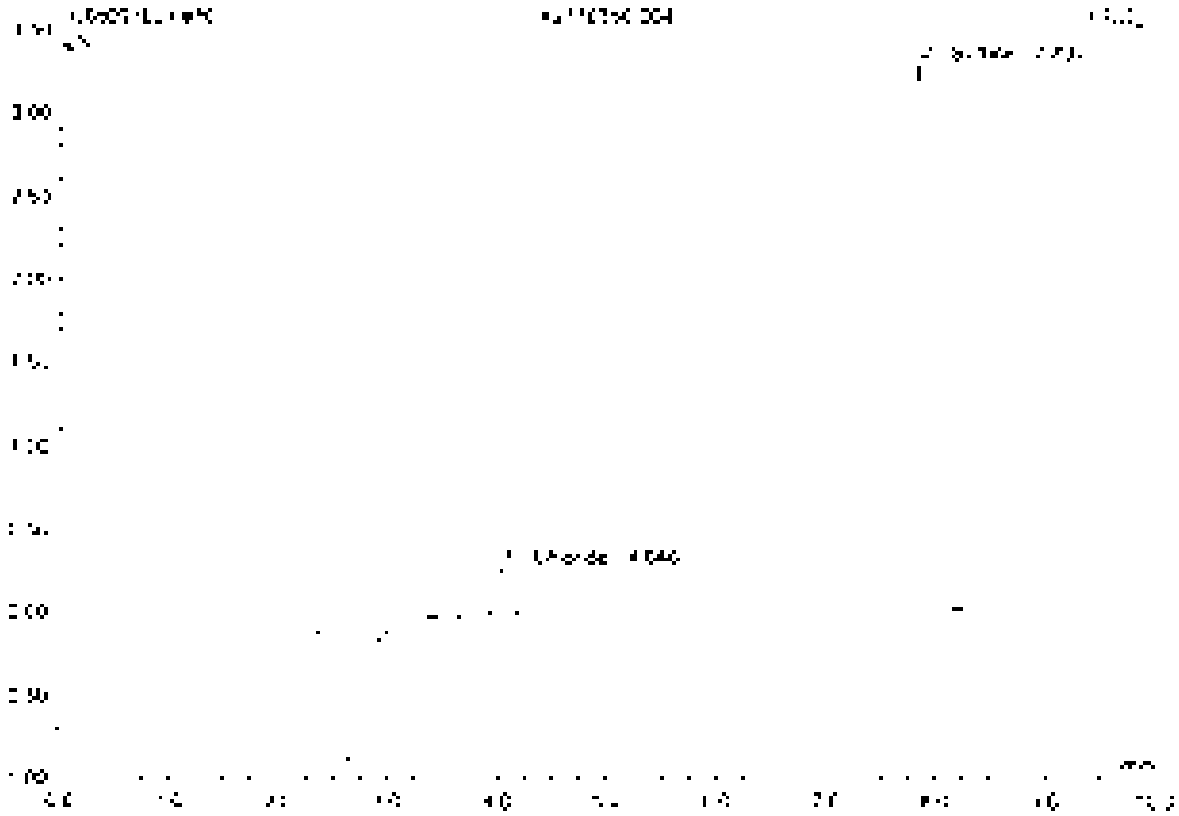
Sample Name	K2110356-003	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	200.0000
Recording Time	9/17/2021 12:42	Sample Weight	1.0000
Run Time (min)	19.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chlorate	0.296	0.027	4.20	29.576	BMB
2	4.08	n.a.	0.219	0.023	3.58	n.a.	BMB
3	7.84	Sulfate	3.234	0.601	92.22	935.115	BMB
Total:			3.748	0.651	100.00	965.267	

80 K2110356-004

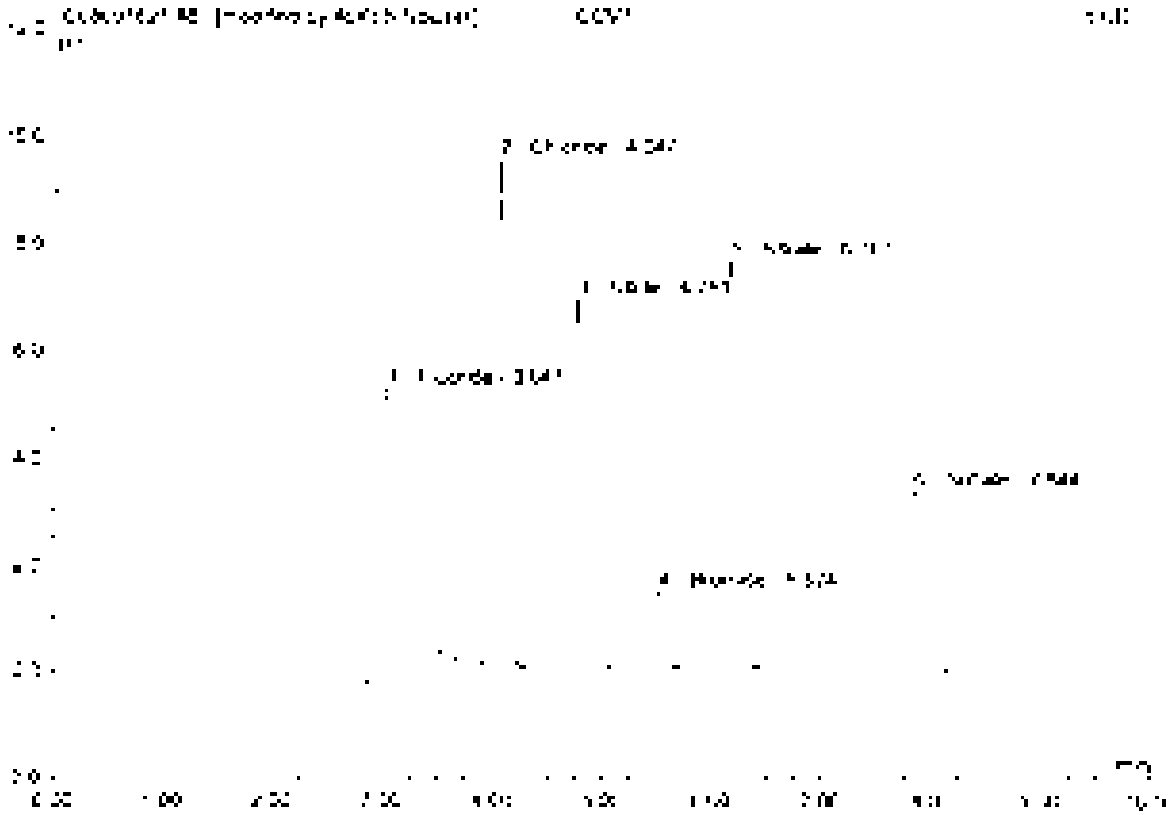
Sample Name	K2110356-004	Injection Volume	25.0
Vial Number	13	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	100.0000
Analysis Time	8/31/2021 12:53	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.06	Chloride	0.278	0.036	3.52	39.363	BVB
2	7.84	Sulfate	0.284	0.516	96.48	958.710	BVB
Total:			0.562	0.552	100.00	998.073	

81 CCV7

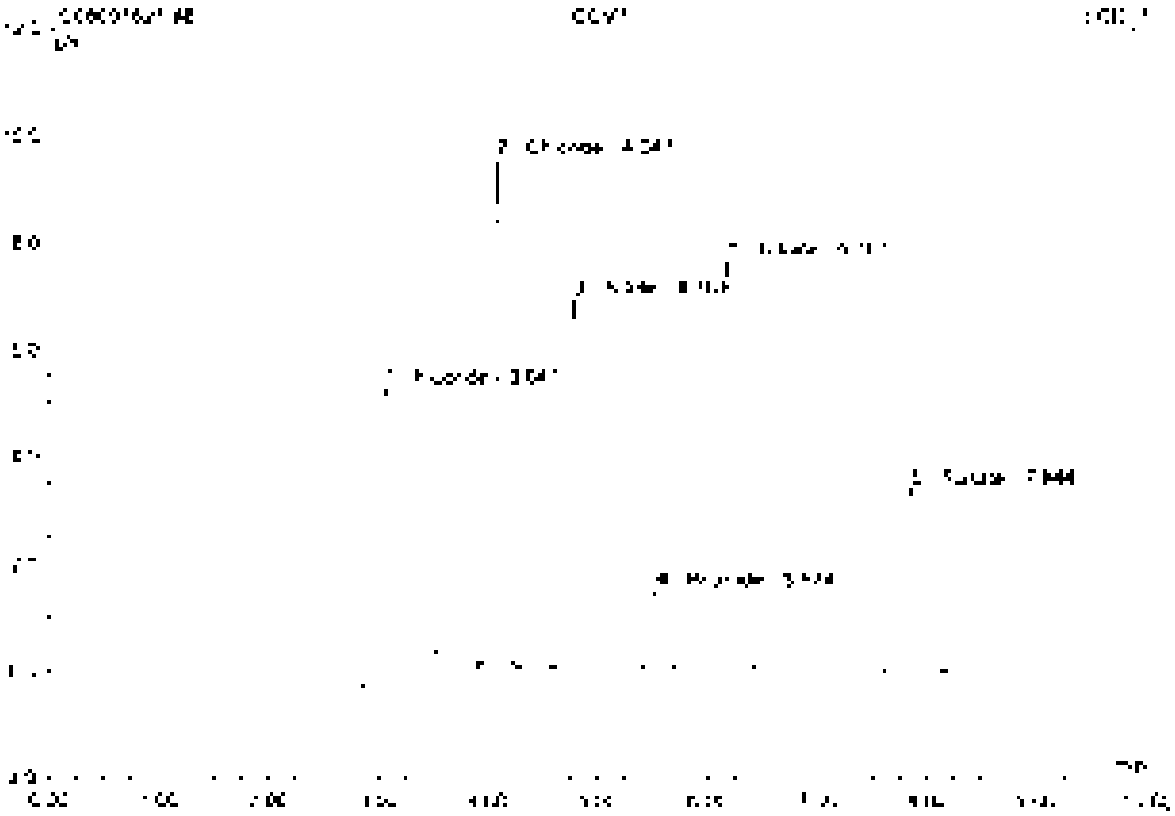
Sample Name	CCV7	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	9/17/2021 13:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.08	Fluoride	5.452	[illegible]	24.50	5.234	BV B*
2	4.05	Chloride	9.692	0.856	16.00	4.783	BV B*
3	4.75	Nitrite	6.903	0.823	15.59	2.594	BV B
4	5.52	Bromide	1.472	0.179	3.73	2.430	BV B
5	6.16	Nitrate	7.651	1.053	21.50	2.384	BV B
6	7.84	Sulfate	9.551	0.535	10.21	4.540	BV B
Total:			34.365	4.500	100.00	22.265	

81 CCV7

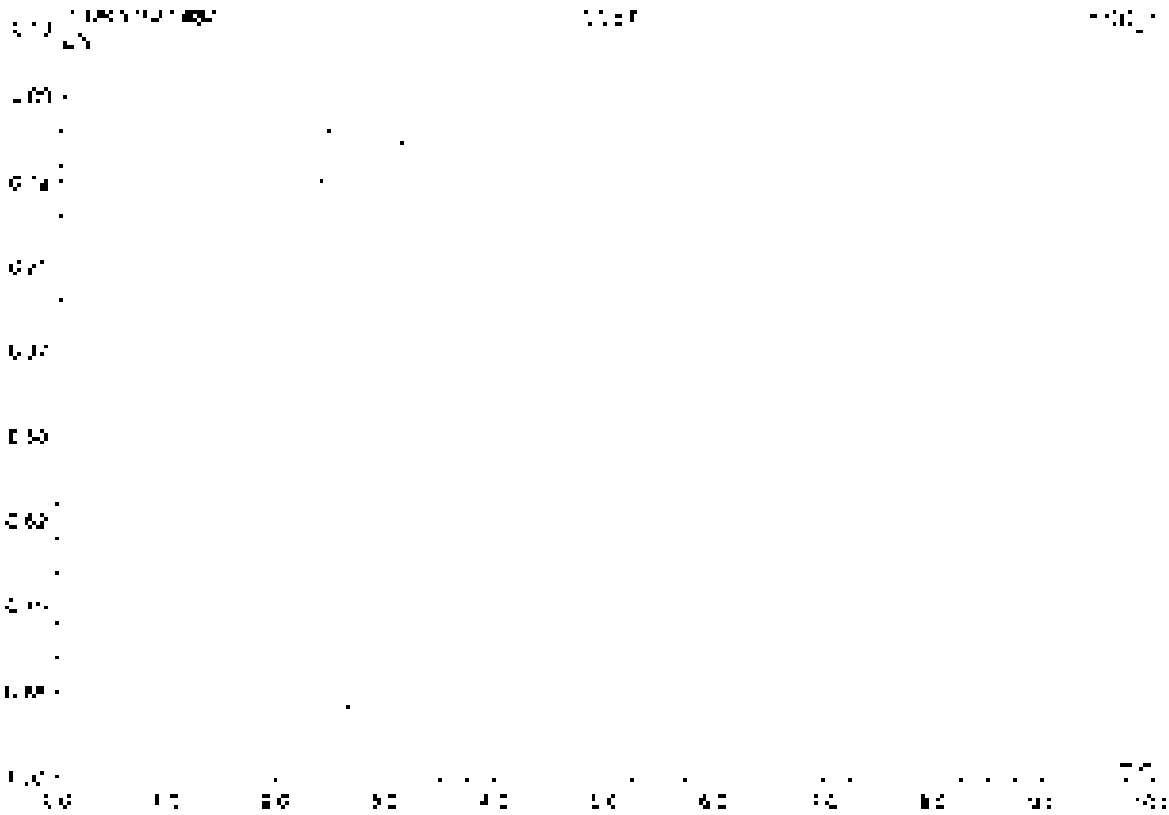
Sample Name	CCV7	Injection Volume	25.0
Vial Number	46	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	5/17/2021 13:05	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.08	Fluoride	1.592	1.266	25.88	1.033	BVc
2	4.05	Chloride	9.492	0.866	17.70	4.763	bVU
3	4.75	Nitrite	6.903	0.893	18.25	2.493	BMB
4	5.52	Bromide	1.472	0.179	3.67	2.430	BMB
5	6.15	Nitrate	7.555	1.053	21.51	2.384	BMB
6	7.84	Sulfate	3.381	0.635	12.97	4.340	BMU
Total:			34.405	4.892	100.00	22.672	

82 CCB7

Sample Name	CCB7	Injection Volume	35.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	9/17/2021 13:17	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

	Yes	No	N/A
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2. [illegible]	[illegible]	[illegible]	[illegible]
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e. [illegible]			
f. [illegible]			
6. [illegible]			[illegible]

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G2: [illegible]
G4: [illegible]
[illegible]
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Analyst [illegible] Date [illegible]

[illegible] Date [illegible]

[illegible] Date [illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Technique: [illegible]

Lab Code	Target Analyte	Sol	Extract Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	Value	PQL	Qualifier	% RSD	Date Analyzed	QC?	Rep
[illegible]	[illegible]	[illegible]		Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	N	IV

Type
Datasource [illegible]
Location [illegible]
Timebase [illegible]
Samples [illegible]
Created [illegible]
Last Update [illegible]

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4	[illegible]	Standard	4	[illegible]	epa300	epa300	Finished	[illegible]
5	[illegible]	Standard	5	[illegible]	epa300	epa300	Finished	[illegible]
6	[illegible]	Standard	6	[illegible]	epa300	epa300	Finished	[illegible]
7	[illegible]	Standard	7	[illegible]	epa300	epa300	Finished	[illegible]
8	[illegible]	Standard	8	[illegible]	epa300	epa300	Finished	[illegible]
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10	[illegible]	Unknown	47	[illegible]	epa300	epa300	Finished	[illegible]
11	[illegible]	Unknown	2	[illegible]	epa300	epa300	Finished	[illegible]
12	[illegible]	Unknown	1	[illegible]	epa300	epa300	Finished	[illegible]
13	[illegible]	Unknown	3	[illegible]	epa300	epa300	Finished	[illegible]
14	[illegible]	Unknown	4	[illegible]	epa300	epa300	Finished	[illegible]
15	[illegible]	Unknown	5	[illegible]	epa300	epa300	Finished	[illegible]
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File
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Location: [illegible]
Timebase: [illegible]
Sampling: [illegible]

Created: [illegible]
Last Update: [illegible]

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38	[illegible]	[illegible]		
39	[illegible]	[illegible]		
40	[illegible]	[illegible]		

Service Required	Chart/Notes/Dr	Anion	1st Dr	2nd Dr	Recovery	Date
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				

Substance

Name

Sample Number	Concentration	Anion	1st Det	2nd Det	Recovery	Comm
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
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		Br				
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		F				
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		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				

C:\Users\Katy Brown\Desktop\Cochard Data

ALS ENVIRONMENTAL, INC.

Ion Chromatography Calibration Data

Sequence: [illegible]

Date: [illegible]

Analyte	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Corr. Coeff.	Slope	Residuals
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.0856	0.2248	
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9025	0.1826	
NO_2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9617	0.3572	
Br	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9944	0.0738	
NO_3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9176	0.4419	
SO_4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9725	0.1285	
[illegible]									99.9557	0.1761	

[illegible]

No.	Peak Name	Cal Type	nPoints	Rel Std.Dev. %	Corr Coeff %	Offset	Slope	Curve
1	Fluoride	Lin	7	1.4049	99.0856	0	0.2248	0
2	Chloride	Lin	7	3.7258	99.9025	0	0.1826	0
3	Nitrite	Lin	7	2.3141	99.9617	0	0.3572	0
4	Bromide	Lin	7	0.8755	99.9944	0	0.0738	0
5	Nitrate	Lin	7	3.4144	99.9176	0	0.4419	0
6	Sulfate	Lin	7	1.957	99.9725	0	0.1285	0
Average			5.25	2.2819	99.9557	0	0.1761	0

0.25mL		[illegible]	0.5mL	[illegible]	[illegible]
	50ppm	[illegible]	[illegible]	[illegible]	

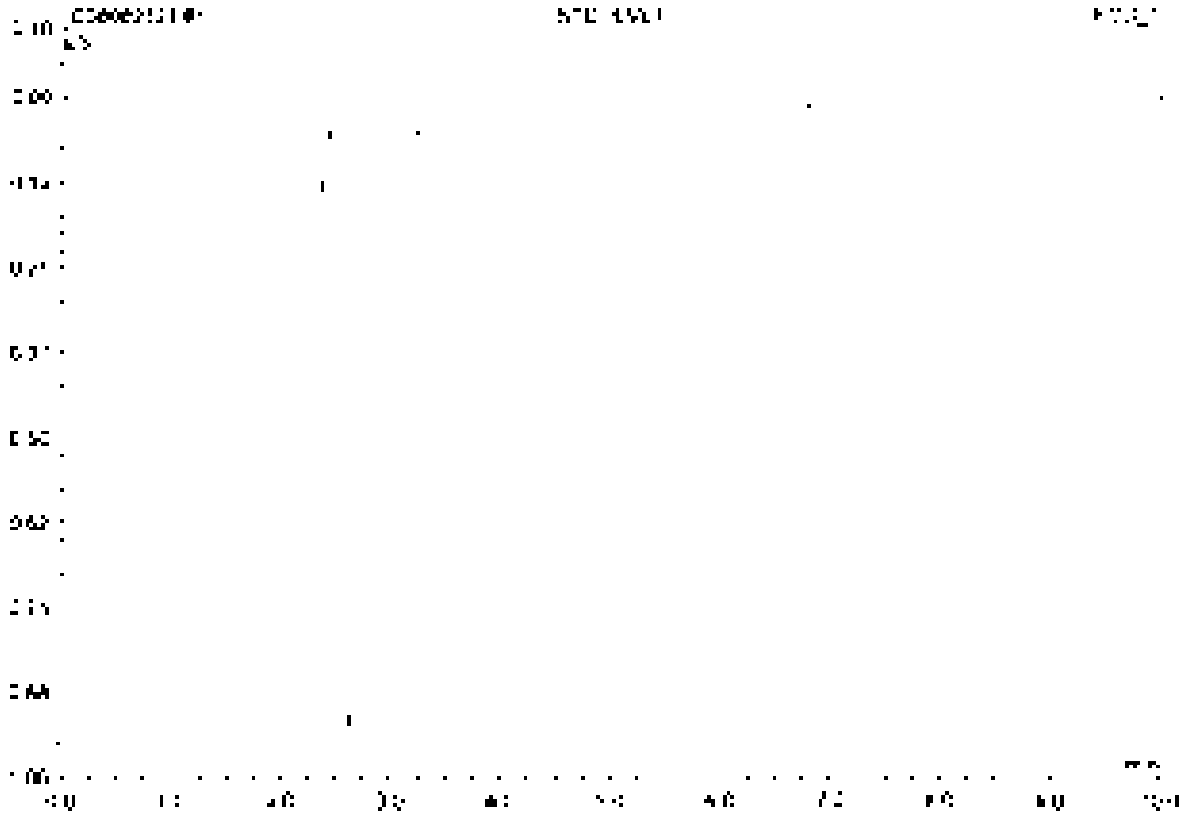
[illegible] 50mL)

	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	STD2	STD3	STD4	STD5	STD6	STD7	STD8	STD9
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO_2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO_3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO_3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
BR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

1 STD1/LVL1

DI

Sample Name	STD1/LVL1	Injection Volume	25.0
Vial Number	1	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Operator Method	epa300	Dilution Factor	1.0000
Processing Time	8/25/2021 14:03	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

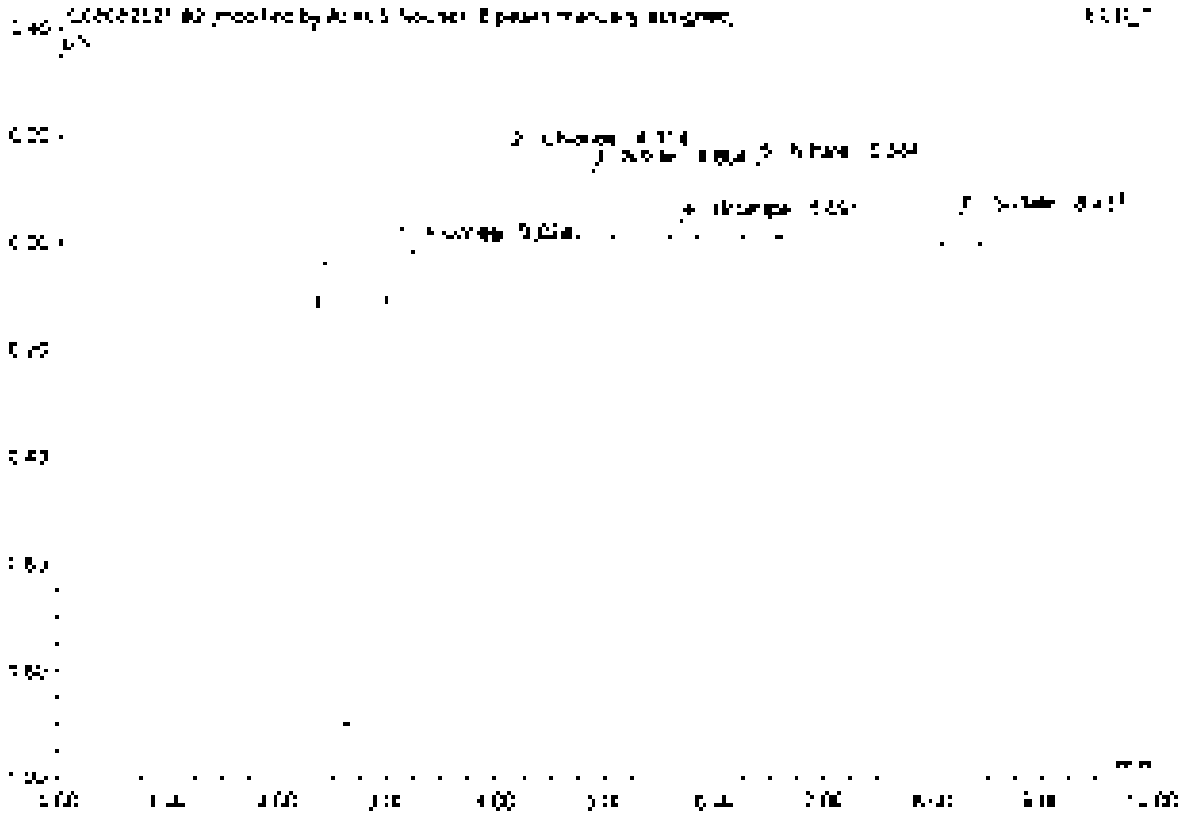


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total			0.000	0.000	0.00	0.000	

2 STD2/LVL2

21-BEN-02-53D

Sample Name	STD2/LVL2	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	8/25/2021 14:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

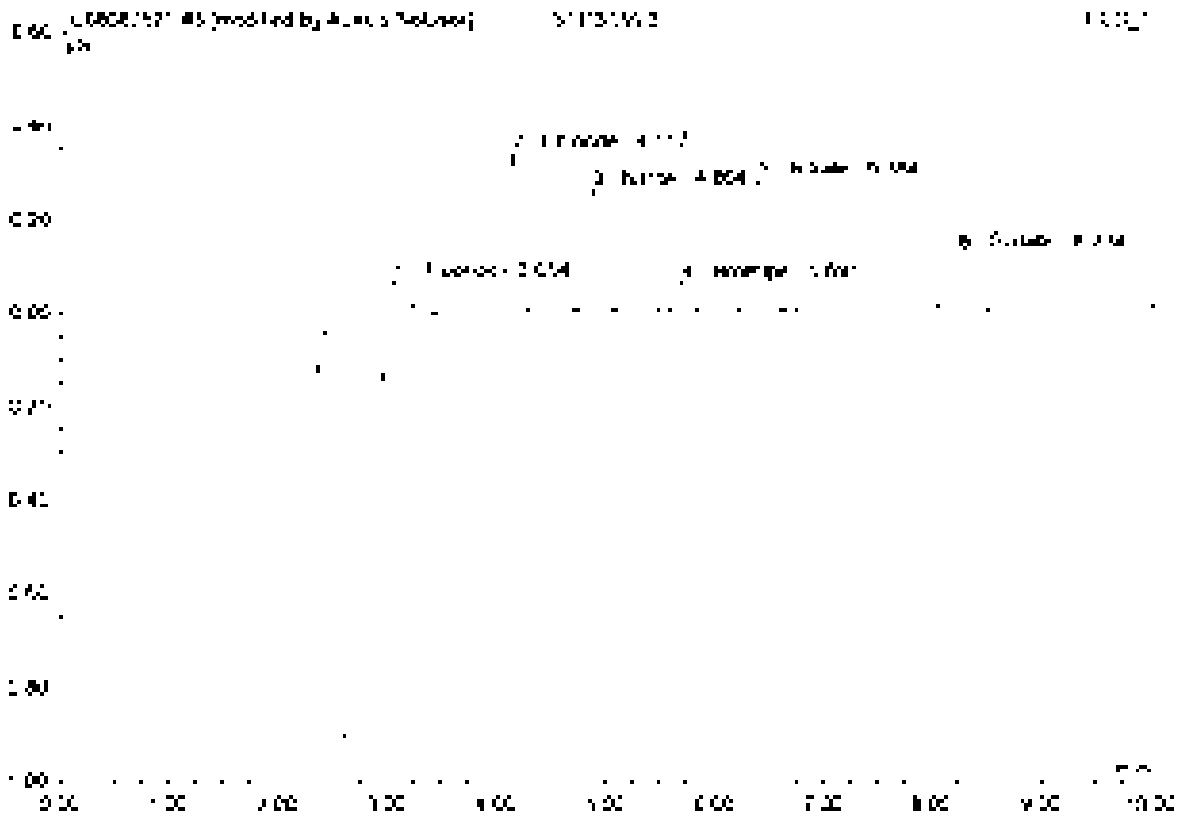


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.97	Fluoride	0.071	0.012	14.81	0.052	BMB*
2	4.11	Chloride	0.130	0.017	20.62	0.061	BMB*
3	4.86	Nitrite	0.130	0.017	20.72	0.047	BMB*
4	5.59	Bromide	0.031	0.004	5.10	0.065	BMB*
5	6.38	Nitrate	0.139	0.020	24.81	0.045	BMB*
6	8.34	Sulfate	0.059	0.011	13.87	0.087	BMB*
Total:			0.500	0.080	100.00	0.378	

3 STD3/LVL3

21-GEN-02-53E

Sample Name:	STD3/LVL3	Injection Volume:	25.0
Vial Number:	3	Channel:	ECD 1
Sample Type:	standard	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quant Method:	epa300	Dilution Factor:	1.0000
Recording Time:	9/26/2021 14:27	Sample Weight:	1.0000
Run Time (min):	10.00	Sample Amount:	1.0000

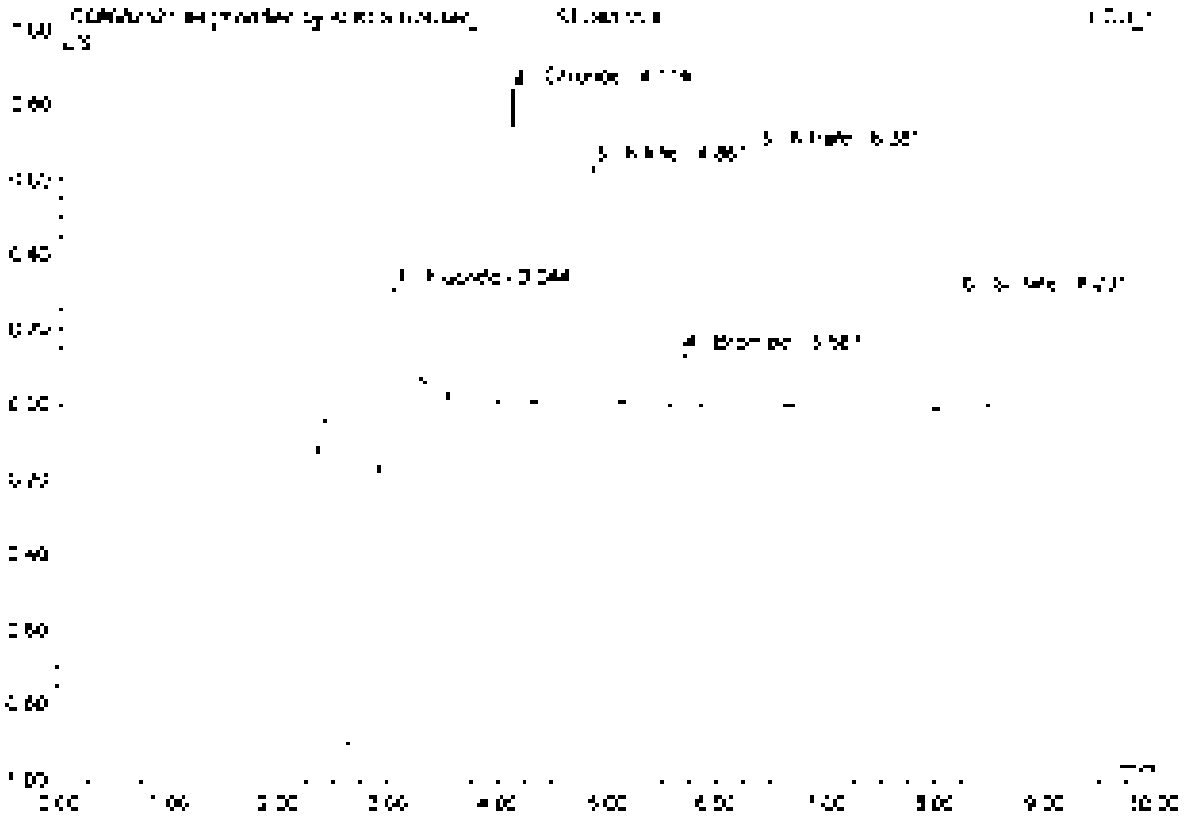


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.05	Fluoride	0.160	0.041	23.05	0.183	BV[illegible]
2	4.12	Chloride	0.340	0.033	18.21	0.175	BV[illegible]
3	4.86	Nitrite	0.252	0.033	18.43	0.097	BMB
4	5.59	Bromide	0.001	0.008	4.40	0.107	BV[illegible]
5	6.38	Nitrate	0.279	0.040	22.64	0.092	BV[illegible]
6	8.22	Sulfate	0.1[illegible]	0.024	13.28	0.155	BV[illegible]
Total:			1.234	0.176	100.00	0.837	

4 STD4/LVL4

21-GEN-02-53F

Sample Name	STD4/LVL4	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	5/25/2021 14:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

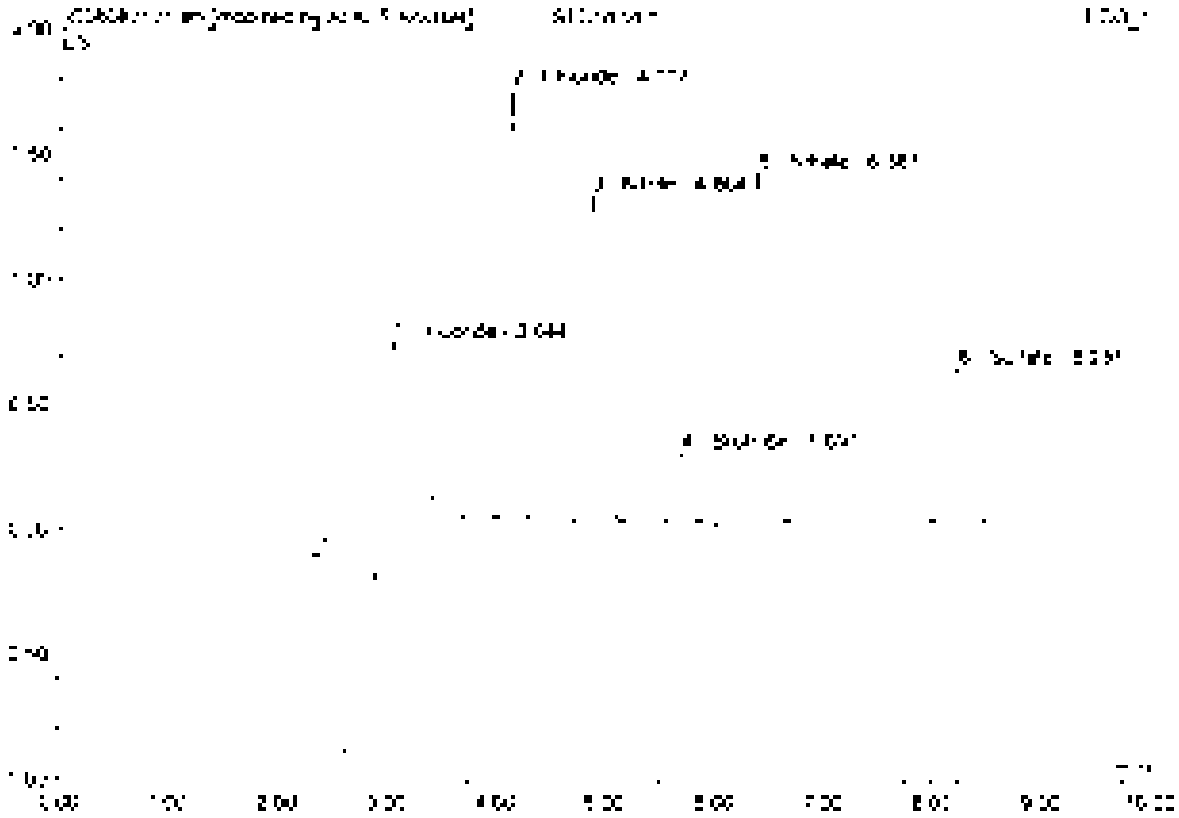


No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	0.446	0.107	23.85	0.475	BMB*
2	4.11	Chloride	0.841	0.080	17.99	0.441	BMB*
3	4.86	Nitrite	0.635	0.082	18.25	0.229	BMB
4	5.69	Bromide	0.148	0.079	8.22	0.255	BMB
5	6.38	Nitrate	0.690	0.100	22.47	0.227	BMB
6	8.23	Sulfate	0.304	0.059	13.21	0.460	BMB
Total:			3.064	0.447	100.00	2.086	

5 STD5/LVL5

21-GEN-02-53G

Sample Name	STD5/LVL5	Injection Volume	35.0
Vial Number	5	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	8/23/2021 14:30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

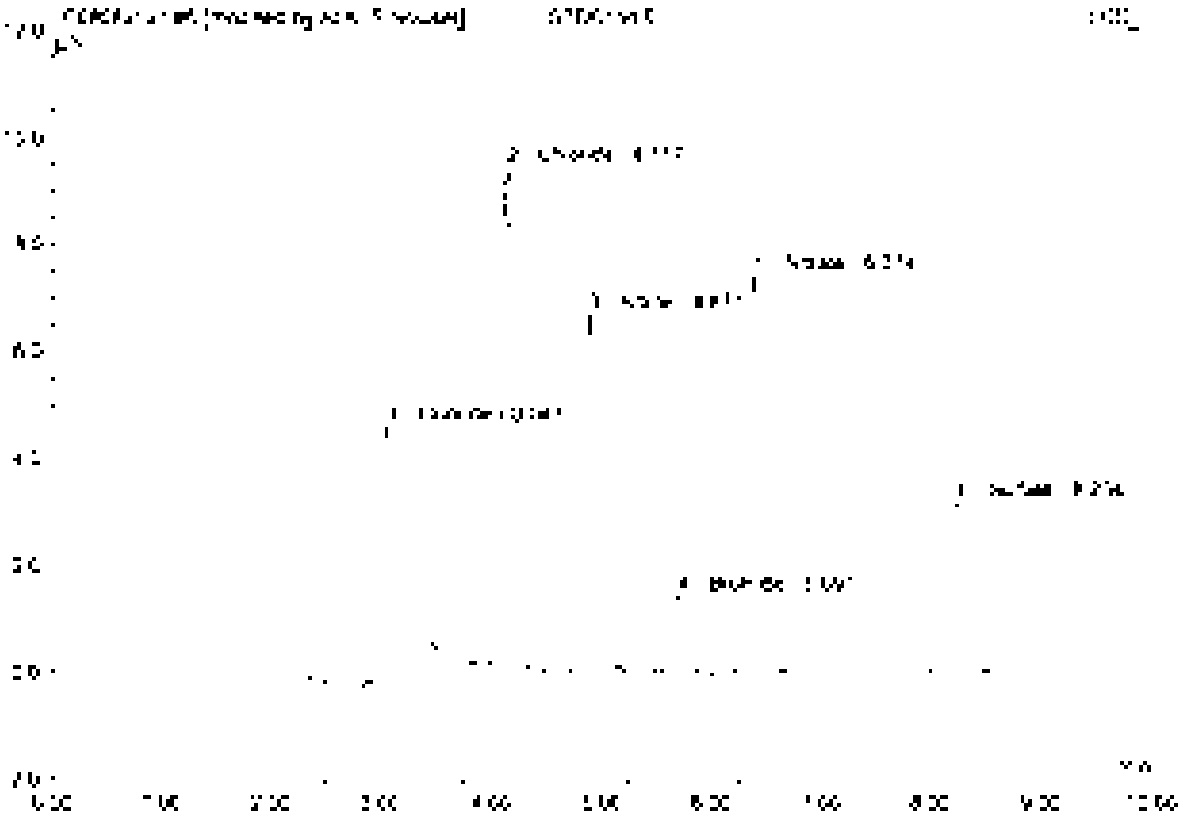


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	0.901	0.735	25.35	1.048	BMBP
2	4.12	Chloride	1.724	0.154	17.05	0.838	BMBP
3	4.86	Nitrite	1.303	0.157	18.02	0.469	BMB
4	5.65	Bromide	0.280	0.037	3.97	0.500	BMB
5	5.38	Nitrate	1.401	0.203	21.84	0.459	BMB
6	8.21	Sulfate	0.618	0.172	13.17	0.942	BMB
Total:			6.230	0.829	100.00	4.326	

6 STD6/LVL6

21-GEN-02-53H

Sample Name	STD6/LVL6	Injection Volume	75.0
Vial Number	6	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Comm. Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Processing Time	[illegible] 15:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

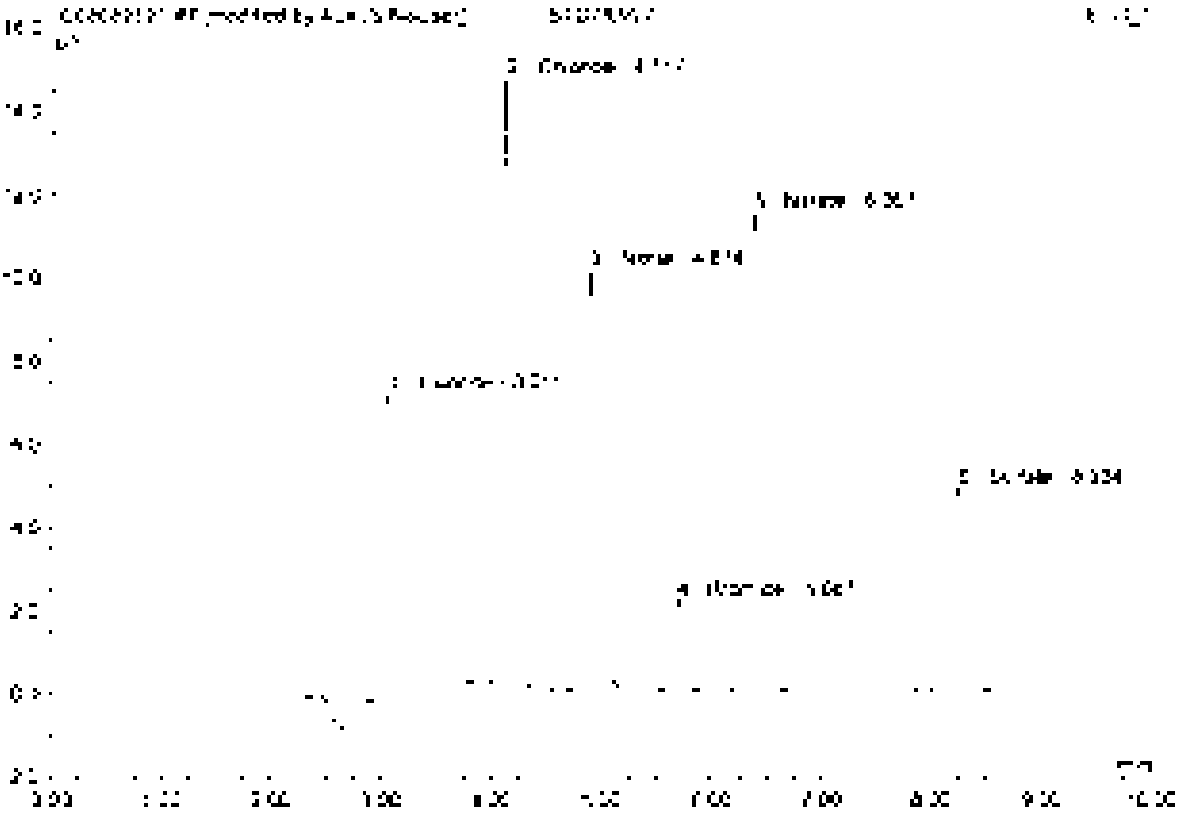


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.65	Fluoride	4.791	1.125	23.72	5.007	BMB*
2	4.12	Chloride	5.349	0.874	18.43	4.780	BMB*
3	4.87	Nitrite	6.659	0.871	18.36	2.438	BMB
4	5.69	Bromide	1.635	0.183	3.86	2.479	BMB
5	6.37	Nitrate	7.617	1.061	22.38	2.482	BMB
6	8.23	Sulfate	3.238	0.629	13.26	4.891	BMB
Total:			32.856	4.744	100.00	22.006	

7 STD7/LVL7

21-GEN-02-531

Sample Name	STD7/LVL7	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	8/25/2021 15:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

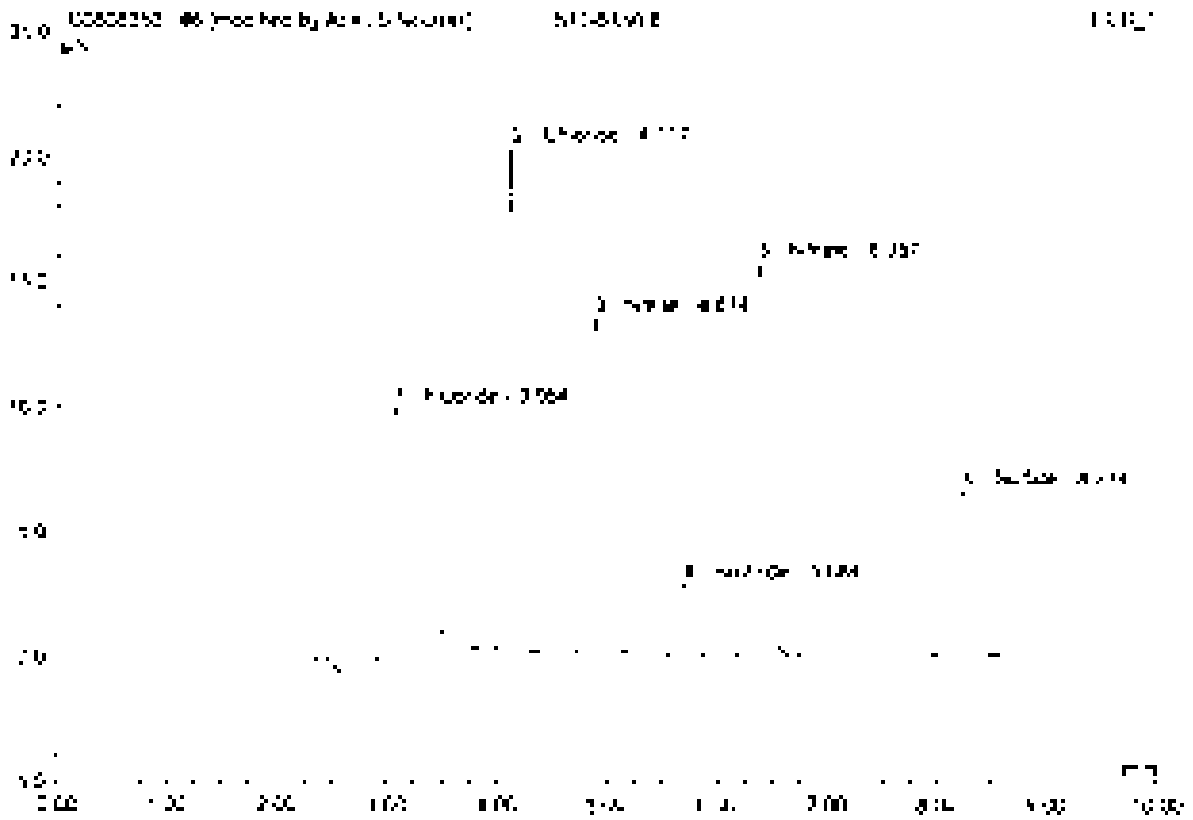


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.35	Fluoride	7.335	1.669	23.10	7.423	BV BP
2	4.13	Chloride	14.551	1.354	18.75	7.419	BV BP
3	4.87	Nitrite	16.275	1.379	19.40	3.721	BV B
4	5.69	Bromide	7.172	0.275	3.81	3.735	BV B
5	6.34	Nitrate	11.509	1.639	22.69	3.715	BV B
6	8.20	Sulfate	4.908	0.958	13.25	7.455	BV B
Total:			60.581	7.224	100.00	33.459	

8 STD8/LVL8

21-GEN-02-53J

Sample Name	STD8/LVL8	Injection Volume	25.0
Vial Number	8	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	5/25/2021 15:26	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

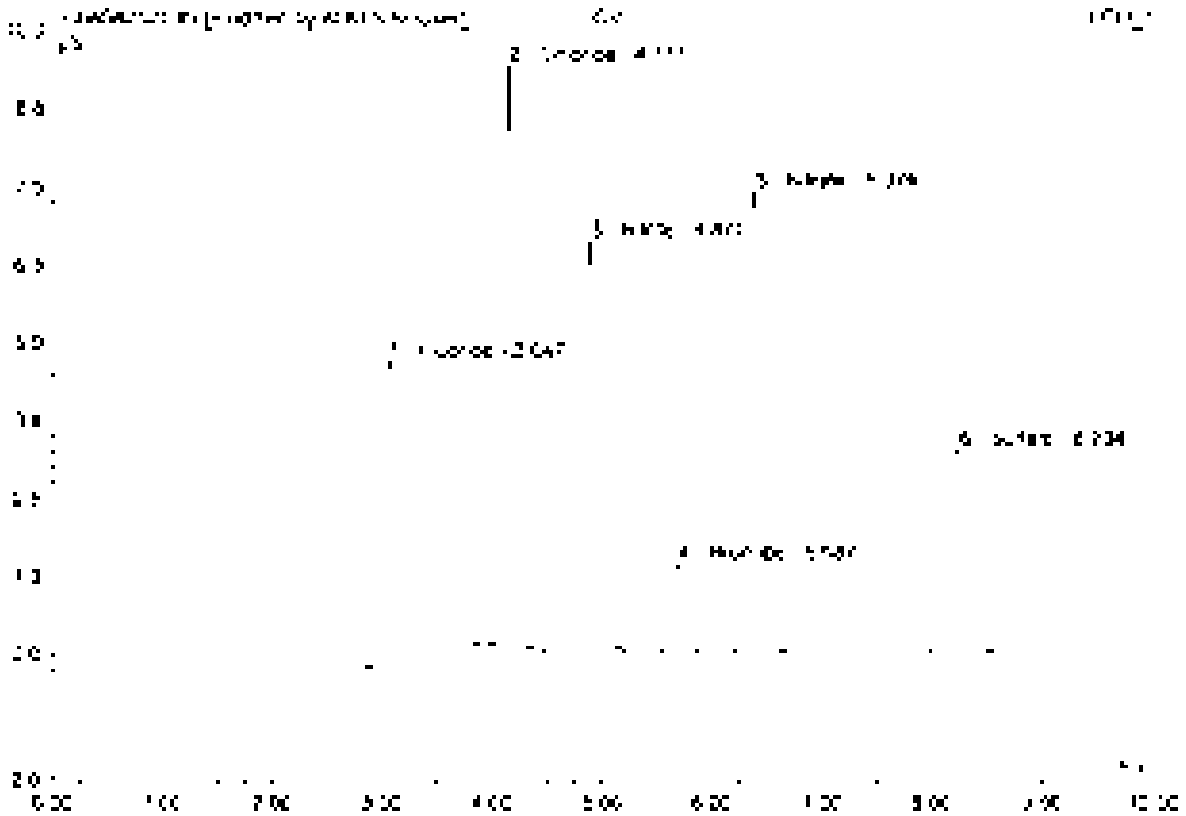


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.35	Fluoride	10.351	2.260	22.97	10.052	BV E*
2	4.12	Chloride	20.700	1.859	18.89	10.180	BV NT
3	4.97	Nitrite	13.435	1.505	15.36	5.057	BV B
4	5.64	Bromide	2.925	0.371	3.77	5.023	BV B
5	6.36	Nitrate	15.774	2.247	22.84	5.055	BV B
6	8.70	Sulfate	6.874	1.297	13.18	10.096	BV B
Total:			69.118	9.839	100.00	45.493	

9 ICV

21-GEN-02-53K

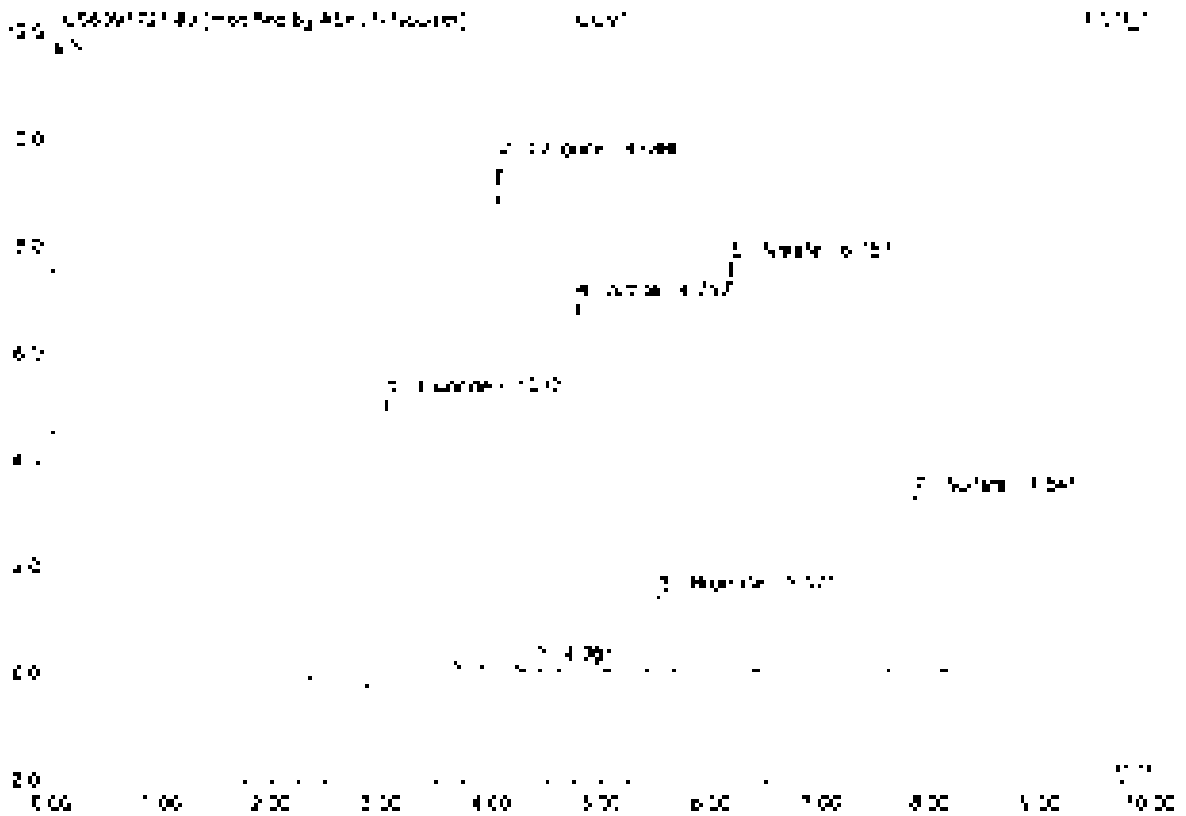
Sample Name	ICV	Injection Volume	25.0
Vial Number	60	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Sample Method	apa300	Dilution Factor	1.0000
Recording Time	8/25/2021 16:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.05	Fluoride	4.833	1.[illegible]	23.56	5.022	BMB*
2	4.12	Chloride	9.259	0.87[illegible]	18.36	4.772	BMB*
3	4.87	Nitrite	6.575	0.855	18.12	2.402	BMB
4	5.69	Bromide	1.422	0.18[illegible]	3.81	2.457	BMB
5	6.37	Nitrate	7.091	1.057	22.32	2.093	BMB
6	8.23	Sulfate	3.253	0.637	13.45	4.962	BMB
Total:			32.773	4.739	100.00	22.022	

9 CCV1

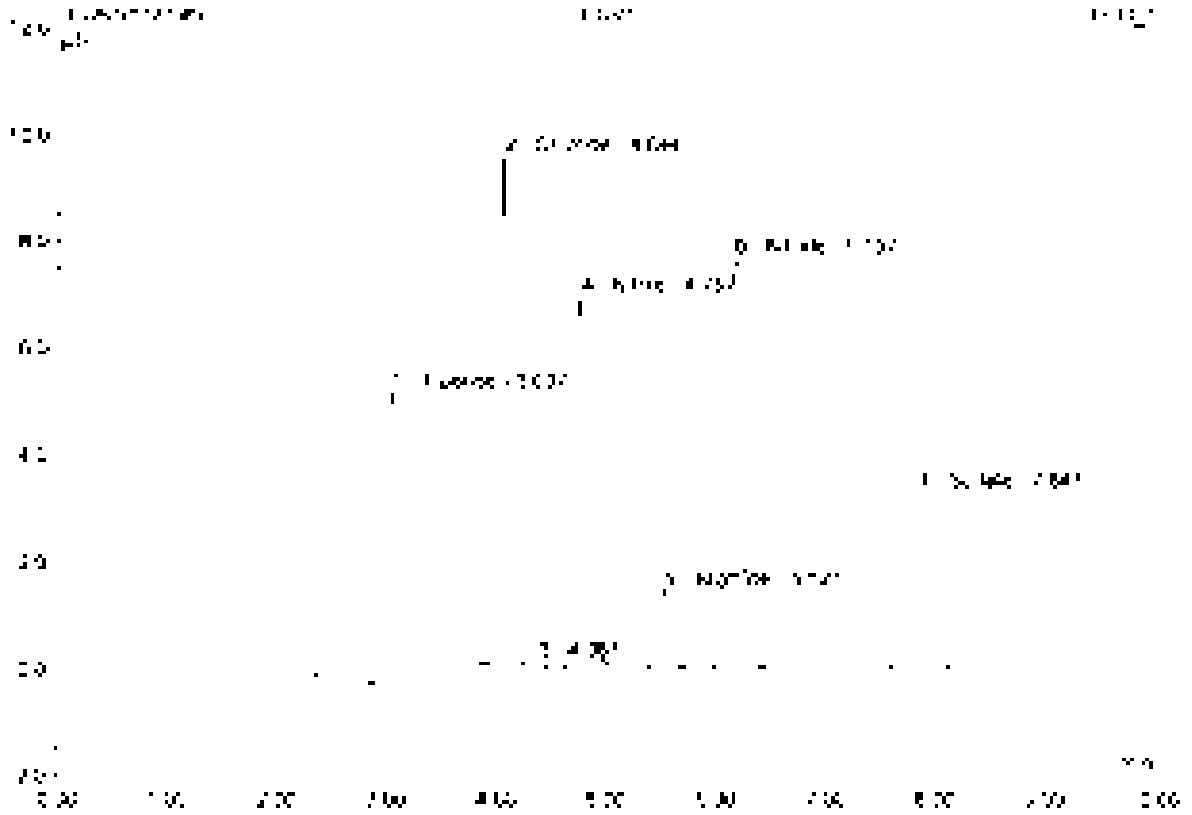
Sample Name	CCV1	Injection Volume	35.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Method Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Processing Time	9/17/2021 13:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	5.347	1.156	24.20	5.141	BV8*
2	4.05	Chloride	5.328	0.859	15.12	4.756	BV8*
3	4.08	n.a.	0.103	0.010	0.21	n.a.	BV0
4	4.75	Nitrite	6.946	0.891	18.65	2.493	BV0
5	5.52	Bromide	1.475	0.180	3.76	2.434	BV8
6	6.15	Nitrate	7.594	1.054	22.08	2.386	BV8
7	7.84	Sulfate	3.302	0.617	12.92	4.803	BV8
Total:			36.368	4.775	100.00	22.014	

9 CCV1

Sample Name	CCV1	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Separation	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	[illegible]/2021 13:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
3	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
4	[illegible]	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]	BMB
5	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	BMB
6	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
7	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

Before

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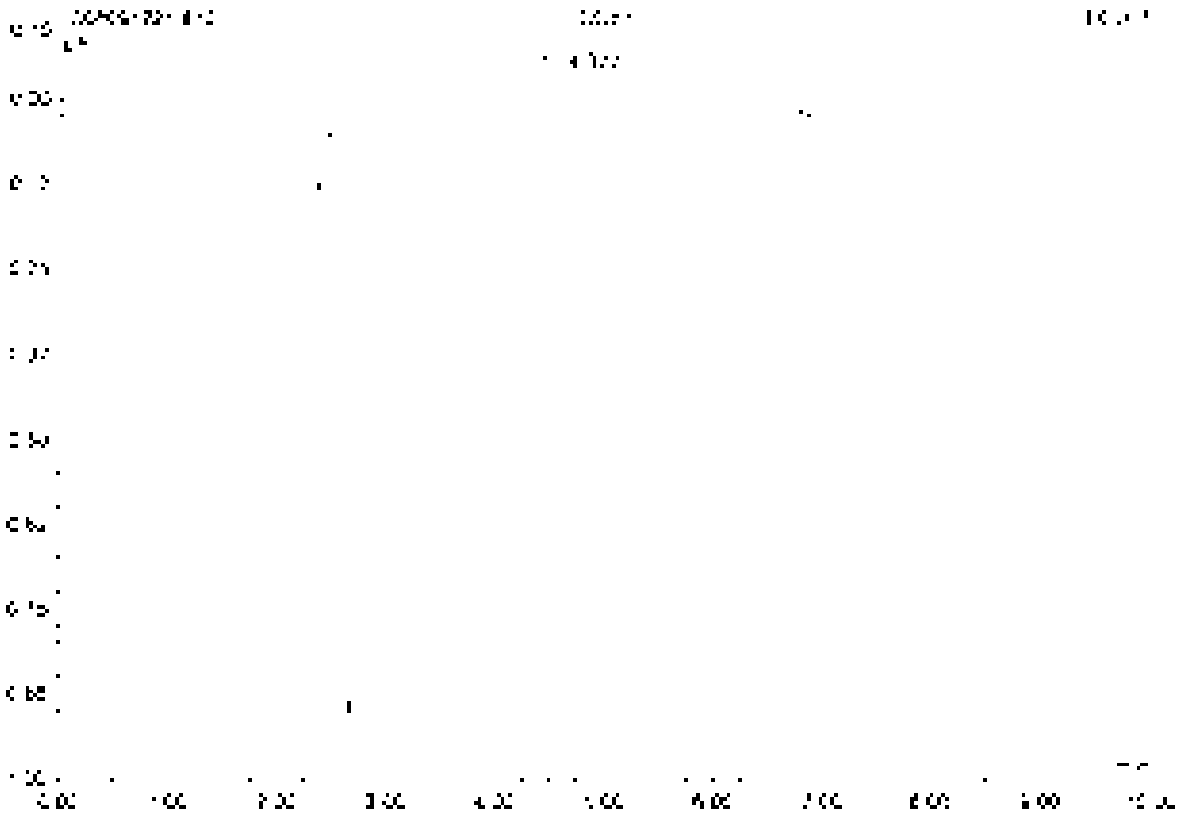
10 CCB1

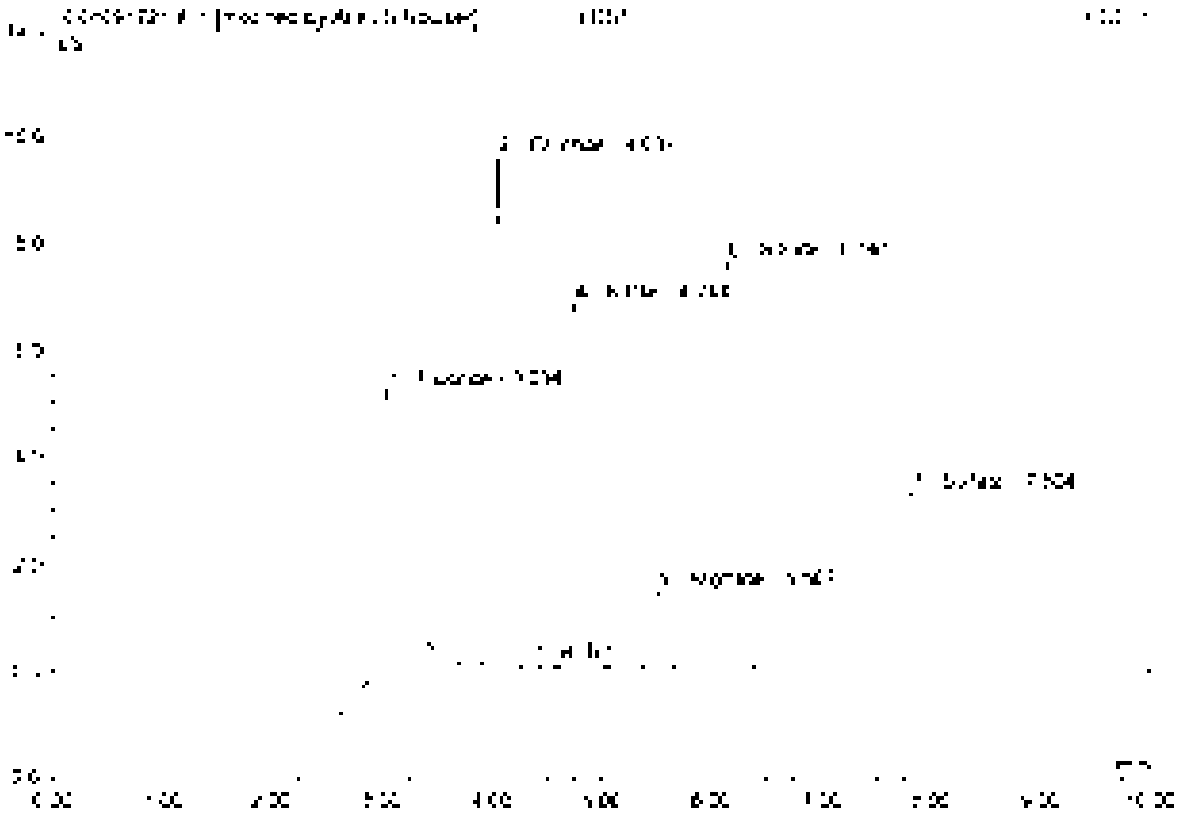
Sample Name	CCB1	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	9/17/2021 14:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.38	n.a.	3.220	3.106	100.00	n.a.	BV g
Total:			3.220	3.106	100.00	0.000	

11 LCS1

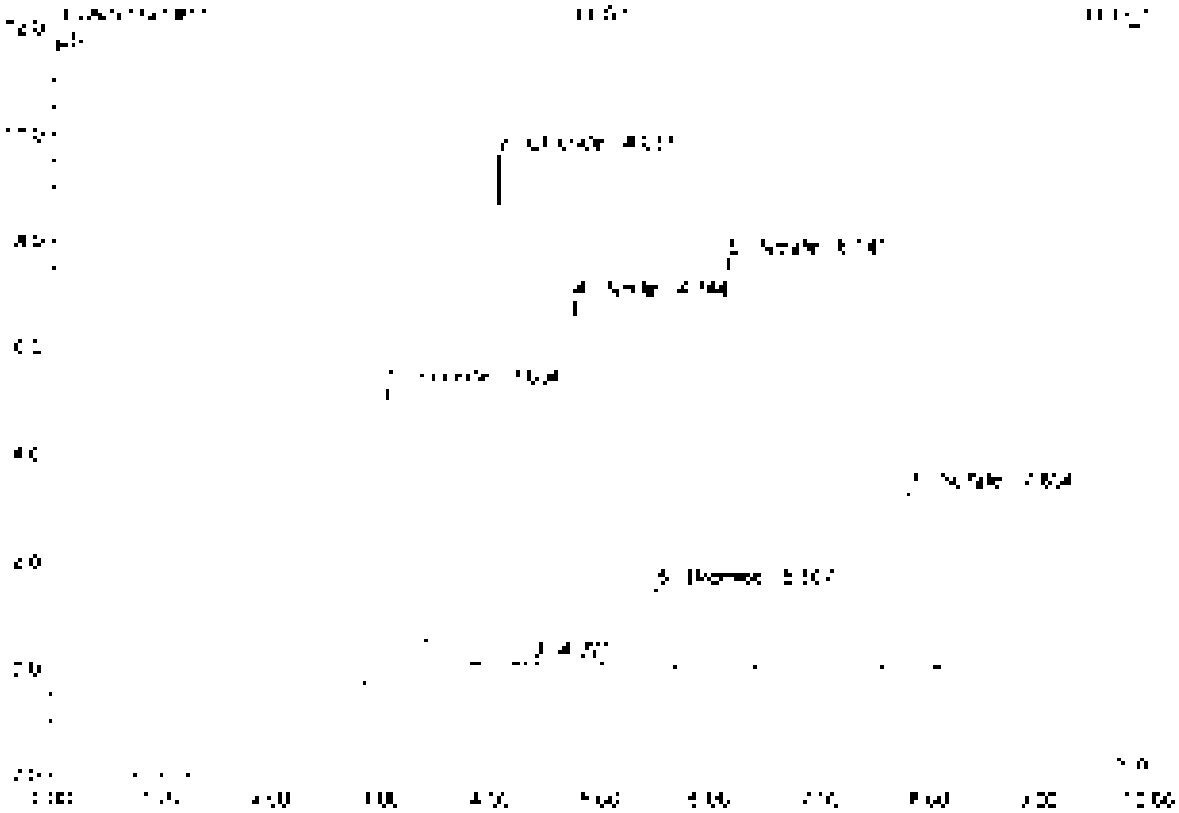
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	5/17/2021 14:20	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.01	Fluoride	5.440	1.165	24.47	5.781	BV#1
2	4.04	Chloride	5.535	0.855	19.18	4.740	BV#1
3	4.37	n.a.	0.096	0.009	0.17	n.a.	BM#
4	4.78	Nitrite	6.835	0.877	18.42	2.455	BV#1
5	5.51	Bromide	3.486	0.180	3.79	2.465	BV#1
6	6.15	Nitrate	7.551	1.046	21.97	2.367	BV#1
7	7.80	Sulfate	3.346	0.515	10.81	4.821	BV#1
Total:			34.351	4.761	100.00	22.629	

11 LCS1

Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/17/2021 14:20	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



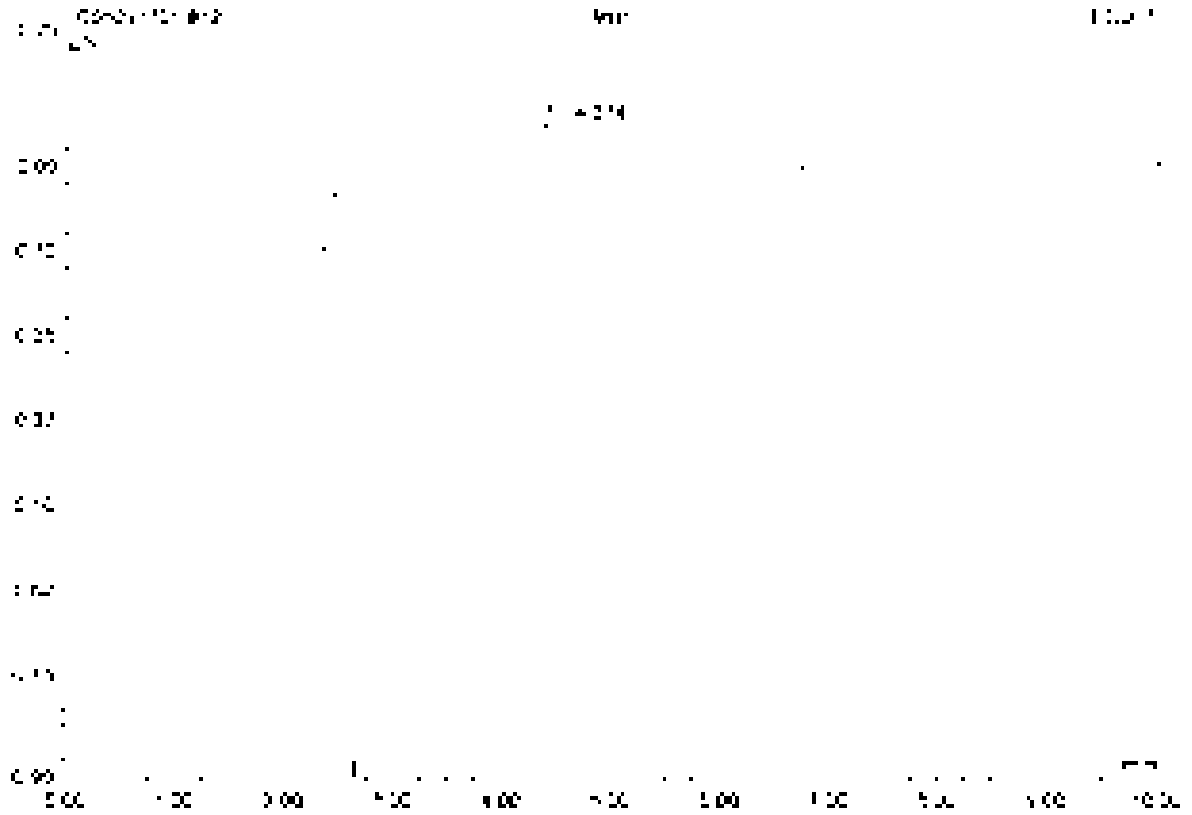
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.93	Fluoride	5.477	1.243	23.76	5.551	BV*
2	4.04	Chloride	9.135	0.505	17.87	4.740	bV*
3	4.37	n.a.	0.086	0.002	0.13	n.a.	BMB
4	4.74	Nitrite	6.835	0.877	16.10	2.455	BMB
5	5.57	Bromide	1.485	0.130	3.72	2.445	BMB
6	6.74	Nitrate	7.651	1.046	21.56	2.357	BMB
7	7.83	Sulfate	3.015	0.619	12.78	8.021	BV*
Total			34.388	4.844	100.00	22.376	

Before

SEP 20 4

12 MB1

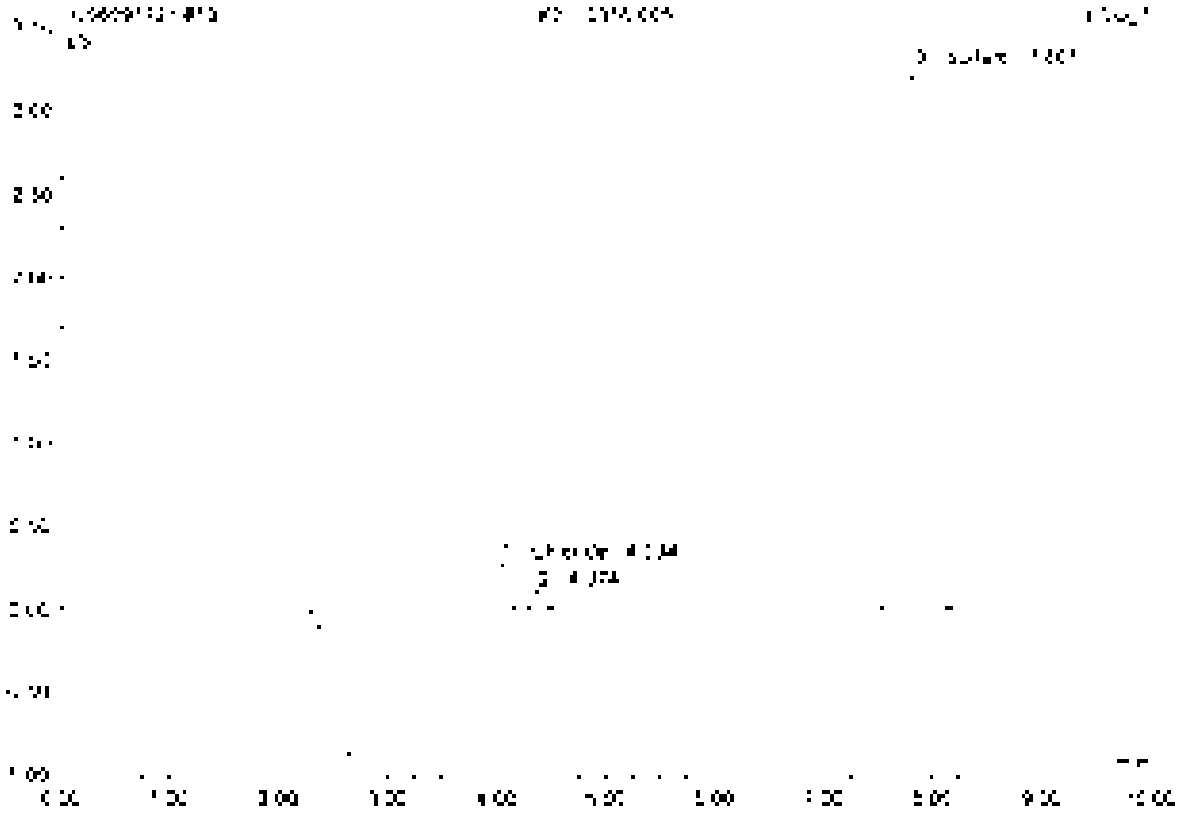
Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Original Method	epa300	Dilution Factor	1.0000
Analysis Time	9/17/2021 14:32	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
[illegible]	4.37	[illegible]	0.747	2.134	100.00	[illegible]	BMB
Total:			0.747	2.134	100.00	0.000	

13 K2110356-005

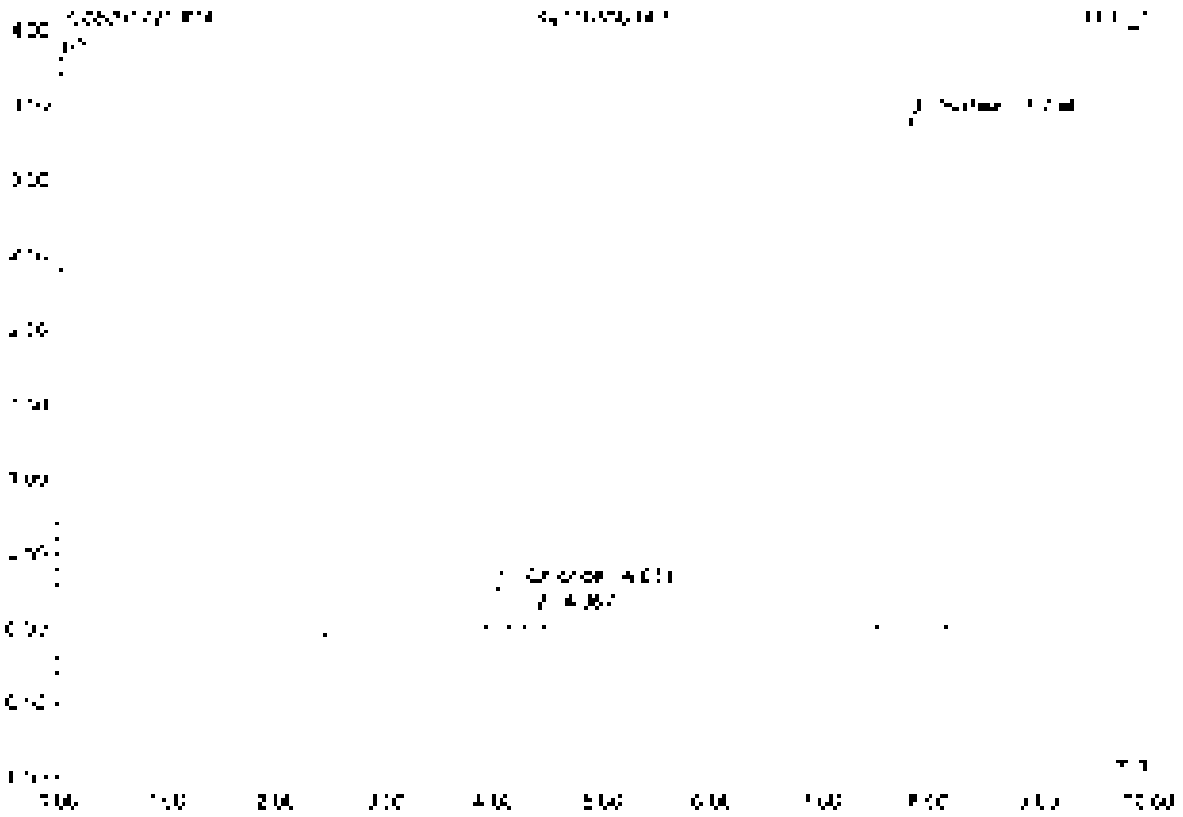
Sample Name	K2110356-005	Injection Volume	35.0
Vial Number	3	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Original Method	epa300	Dilution Factor	200.0000
Recording Time	9/17/2021 14:43	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.03	Chloride	0.285	0.027	4.14	25.271	BMB
2	4.37	n.a.	0.115	0.013	2.02	n.a.	BMB
3	7.80	Sulfate	3.250	0.505	93.84	941.526	BMB
Total:			3.656	0.544	100.00	966.797	

14 K2110356-007

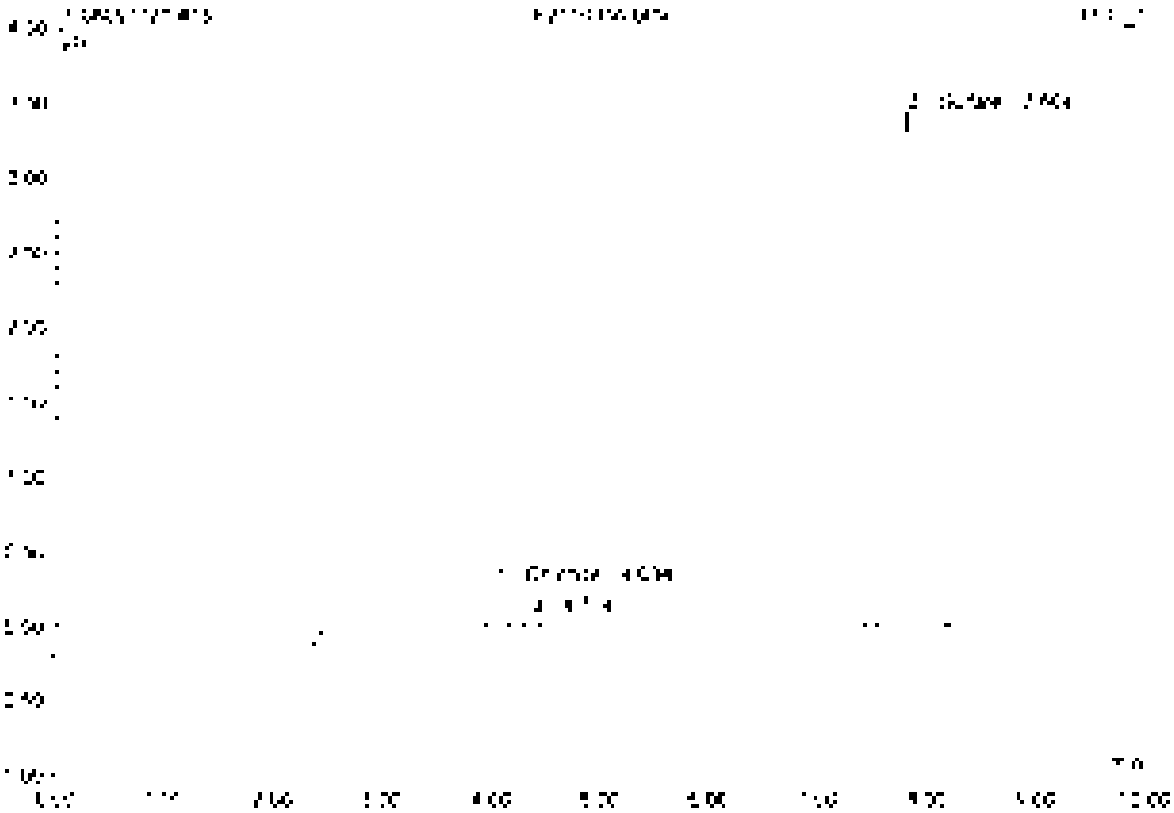
Sample Name	K2110356-007	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	200.0000
Recording Time	9/17/2021 14:55	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.03	Chloride	0.282	0.027	4.03	29.758	BVB
2	4.37	n.a.	0.008	0.012	[illegible]	n.a.	BMB
[illegible]	[illegible]	Sulfate	0.403	0.631	94.75	966.400	BVB
Total:			0.795	0.674	100.00	[illegible]	

15 K2110356-009

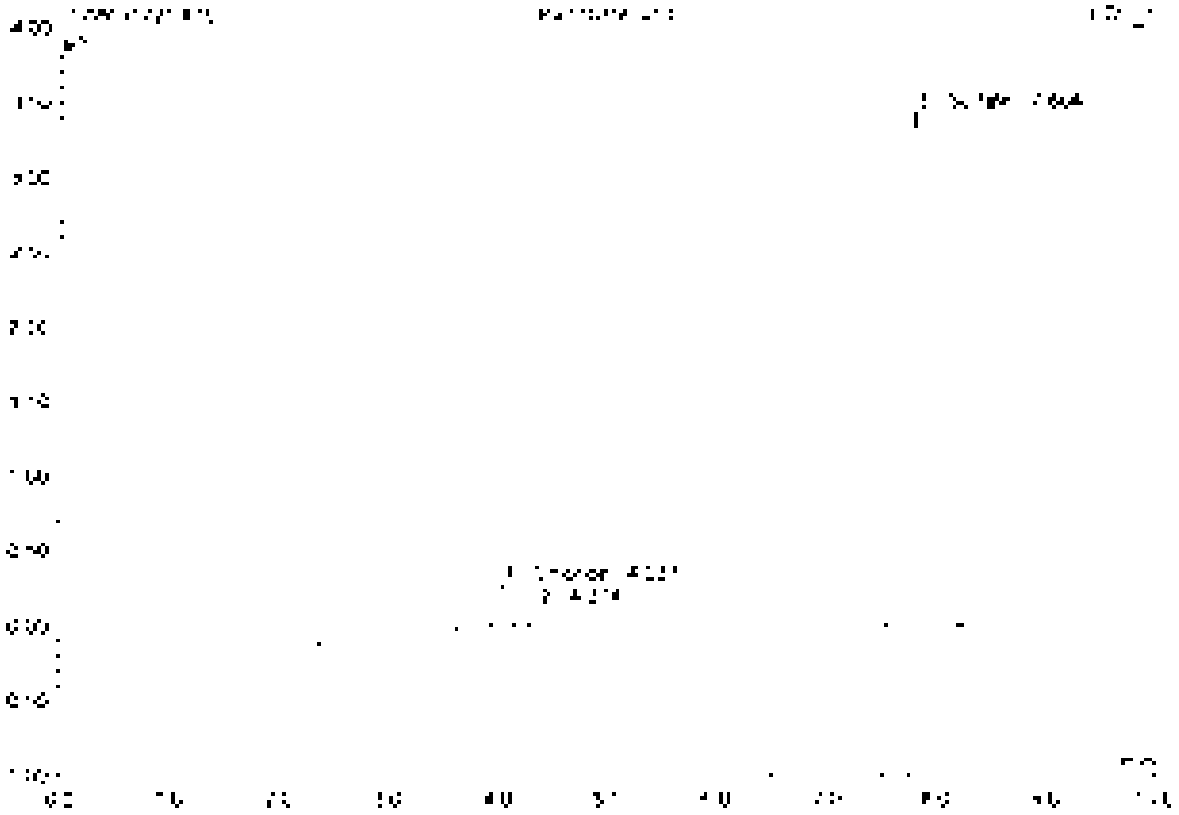
Sample Name	K2110356-009	Injection Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	200.0000
Recording Time	9/17/2021 15:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.03	Chloride	0.279	0.527	4.02	20.736	BV B
2	4.37	n.a.	0.066	0.207	1.11	n.a.	BM B
3	[illegible]	Sulfate	0.423	0.945	94.87	996.902	BV B
Total:			0.773	0.679	100.00	1025.674	

16 K2110356-010

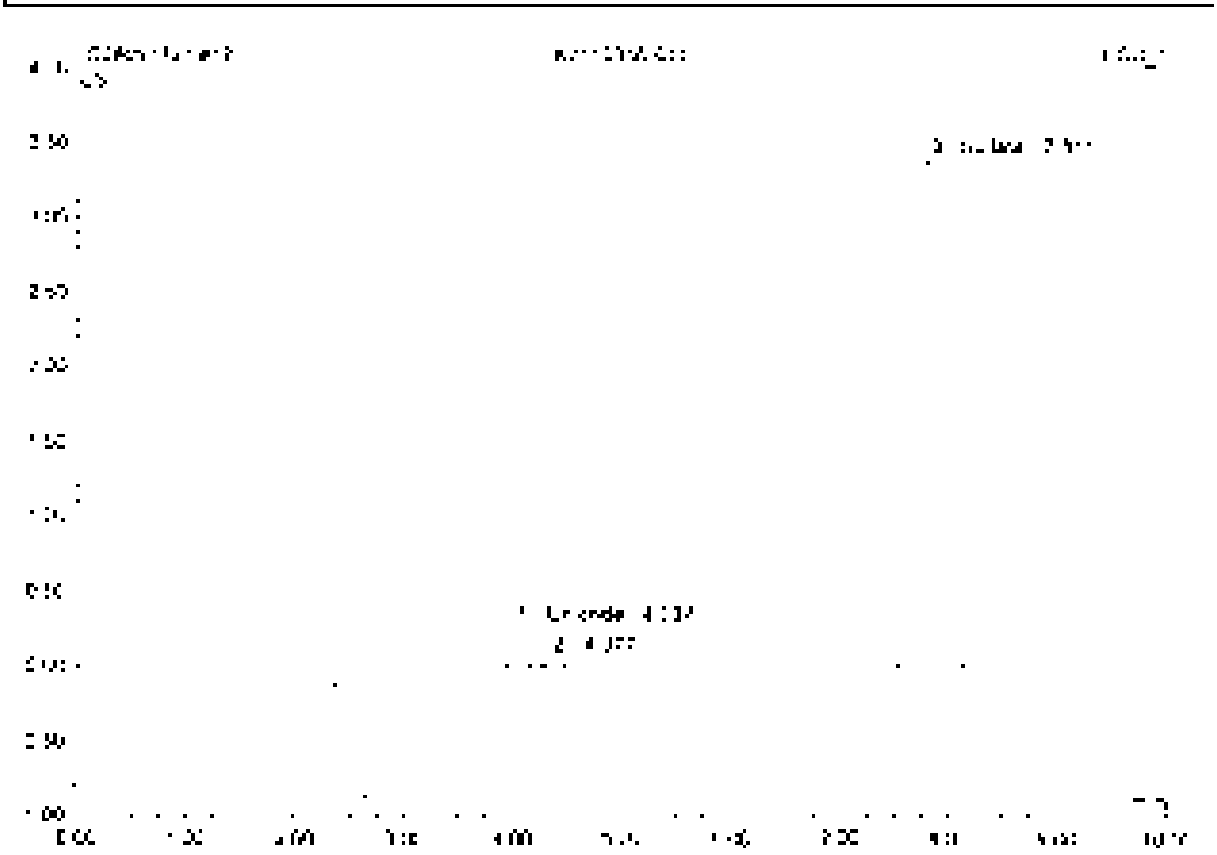
Sample Name	K2110356-010	Injection Volume	25.0
Vial Number	6	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	200.0000
Recording Time	9/17/2021 15:18	Sample Weight	1.0000
Run Time (max.	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	0.285	0.028	4.12	30.795	BV B
2	4.37	n.a.	0.126	0.010	1.47	n.a.	BMD
3	7.60	Sulfate	3.428	0.644	94.40	697.330	BMB
Total:			3.537	0.682	100.00	728.125	

17 K2110356-011

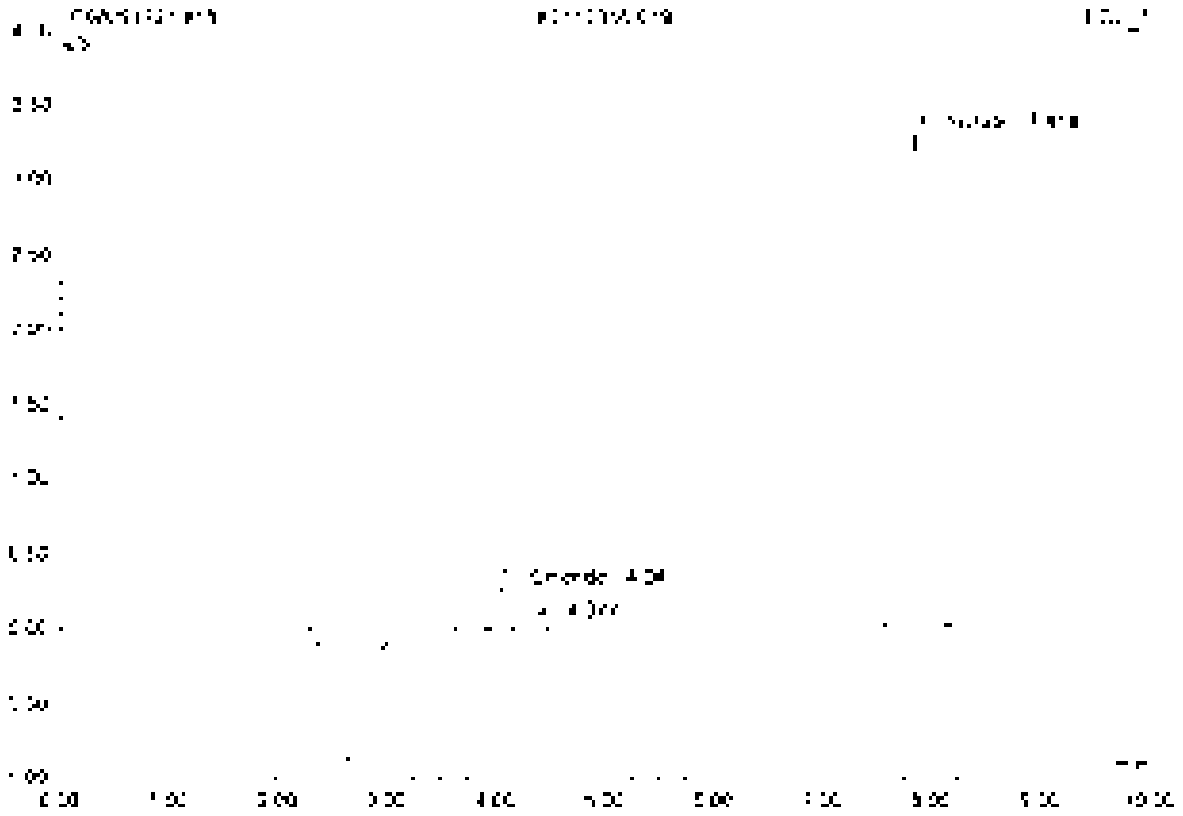
Sample Name	K2110356-011	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	200.0000
Processing Time	9/17/2021 15:00	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.06	Chloride	0.278	0.027	3.99	29.187	BMB
2	4.35	n.a.	0.074	0.009	1.15	n.a.	BMD
3	7.81	Sulfate	3.324	0.533	94.86	985.779	BMB
Total:			3.747	0.567	100.00	1014.966	

18 K2110356-019

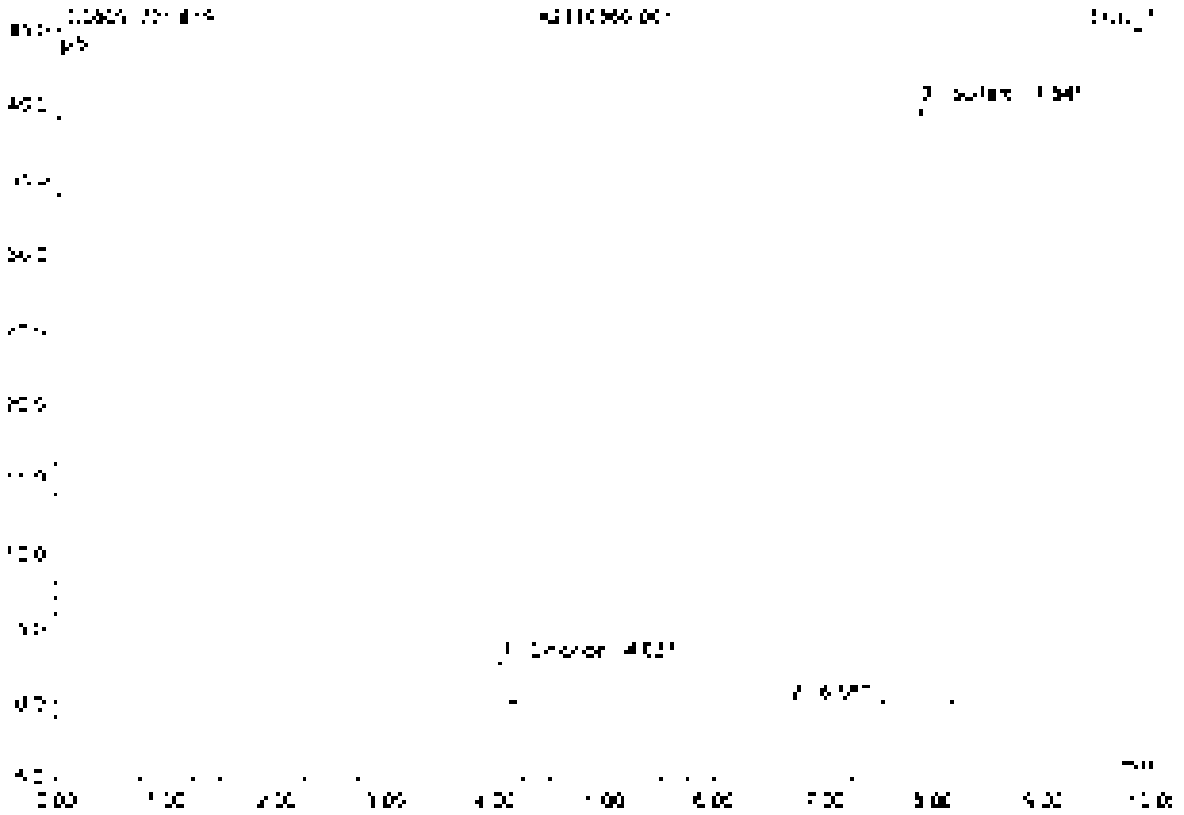
Sample Name	K2110356-019	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	200.0000
Recording Time	5/17/2021 15:41	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	4.04	Chloride	0.005	0.007	1.14	29.424	BMB
2	4.39	n.a.	0.051	0.006	0.93	n.a.	BMB
3	7.81	Sulfate	3.295	0.516	94.50	959.007	BVB
Total			3.524	0.549	100.00	988.431	

19 K2110360-001

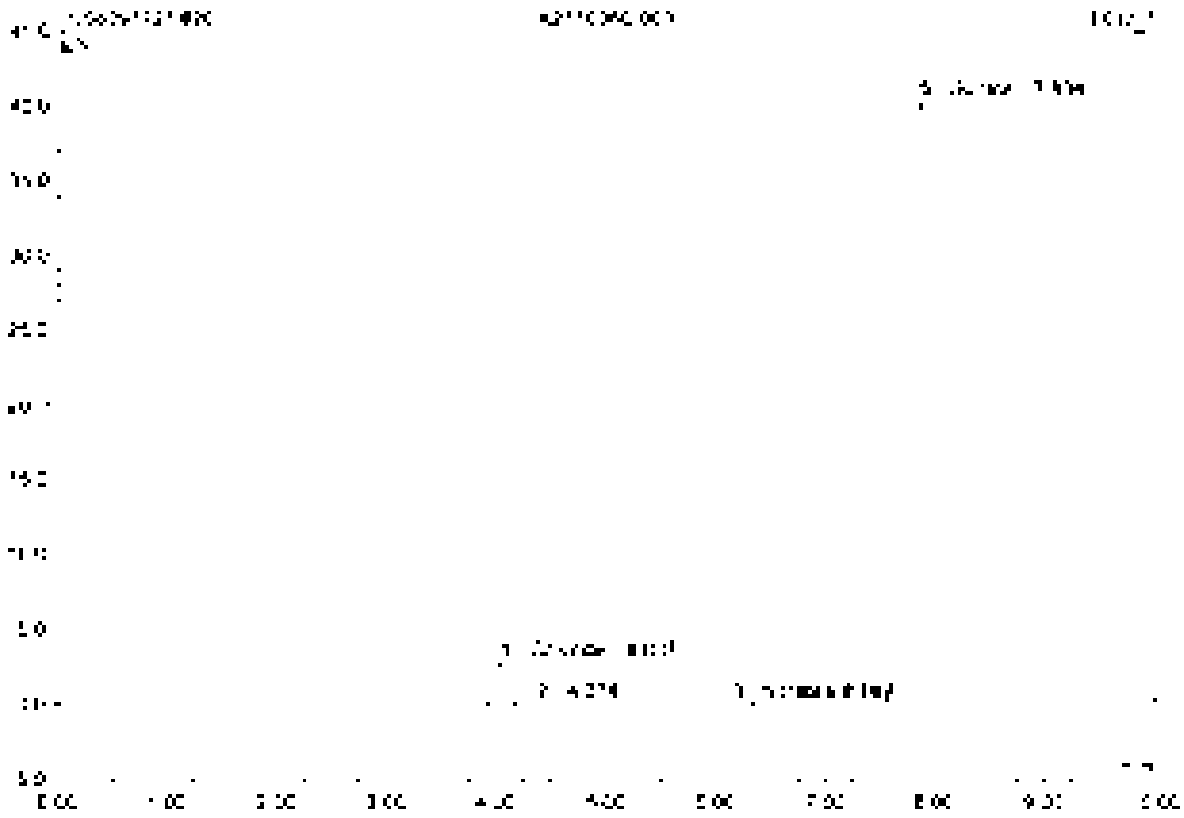
Sample Name	K2110360-001	Injection Volume	25.0
Vial Number	9	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Column Factor	30.0000
Acquisition Time	5/17/2021 15:53	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.94	Chloride	2.121	0.258	3.41	28.307	BMB
2	5.62	n.a.	0.022	0.006	0.07	n.a.	BMB
3	7.34	Sulfate	39.496	7.311	96.51	1138.297	BMB
Total:			42.639	7.575	100.00	1166.604	

20 K2110360-003

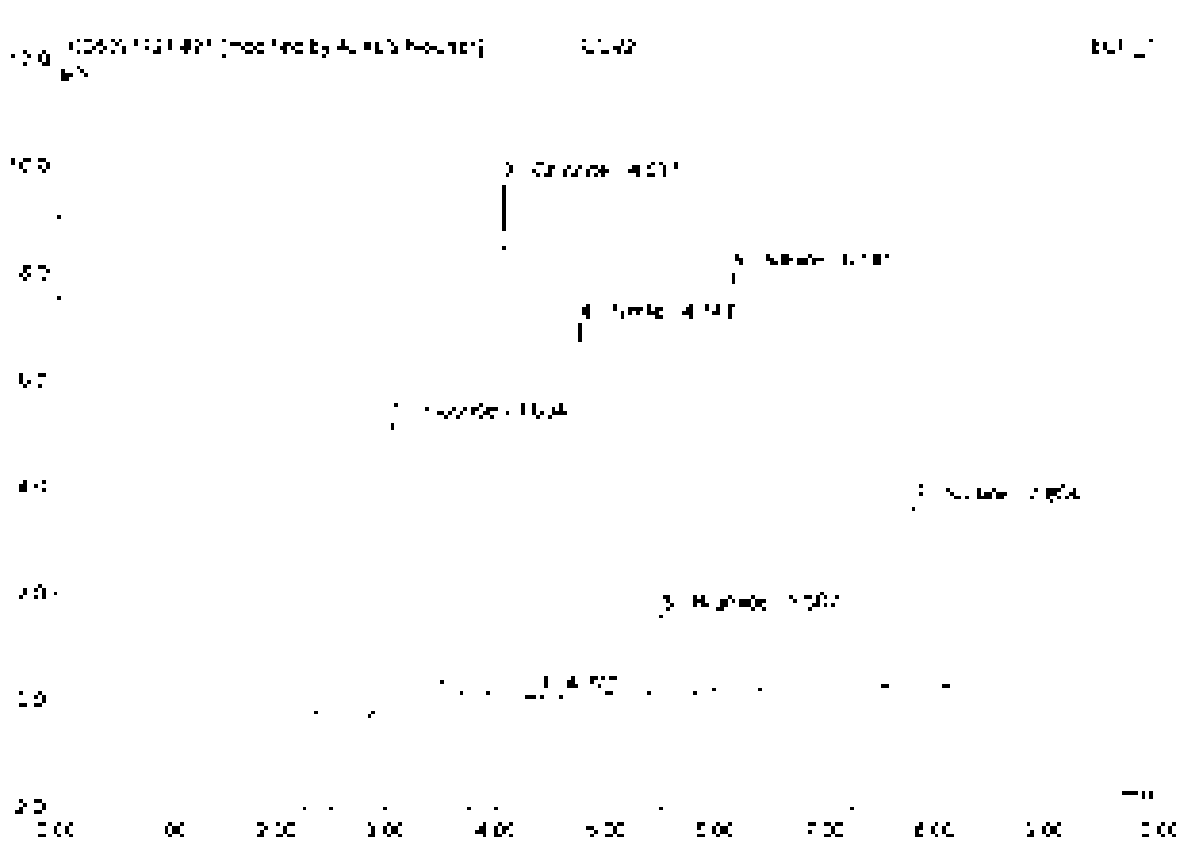
Sample Name	K2110360-003	Injection Volume	25.0
Vial Number	10	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	20.0000
Recording Time	9/17/2021 16:04	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.04	Chloride	2.835	0.264	3.30	29.876	BMB
2	4.37	n.a.	0.072	0.007	0.09	n.a.	bMB
3	6.15	Nitrate	0.044	0.006	0.07	0.251	BVb
4	6.72	n.a.	0.008	0.005	0.07	n.a.	bVB
5	7.83	Sulfate	40.224	7.670	96.42	1197.586	BMB
Total:			43.213	7.952	100.00	1228.713	

21 CCV2

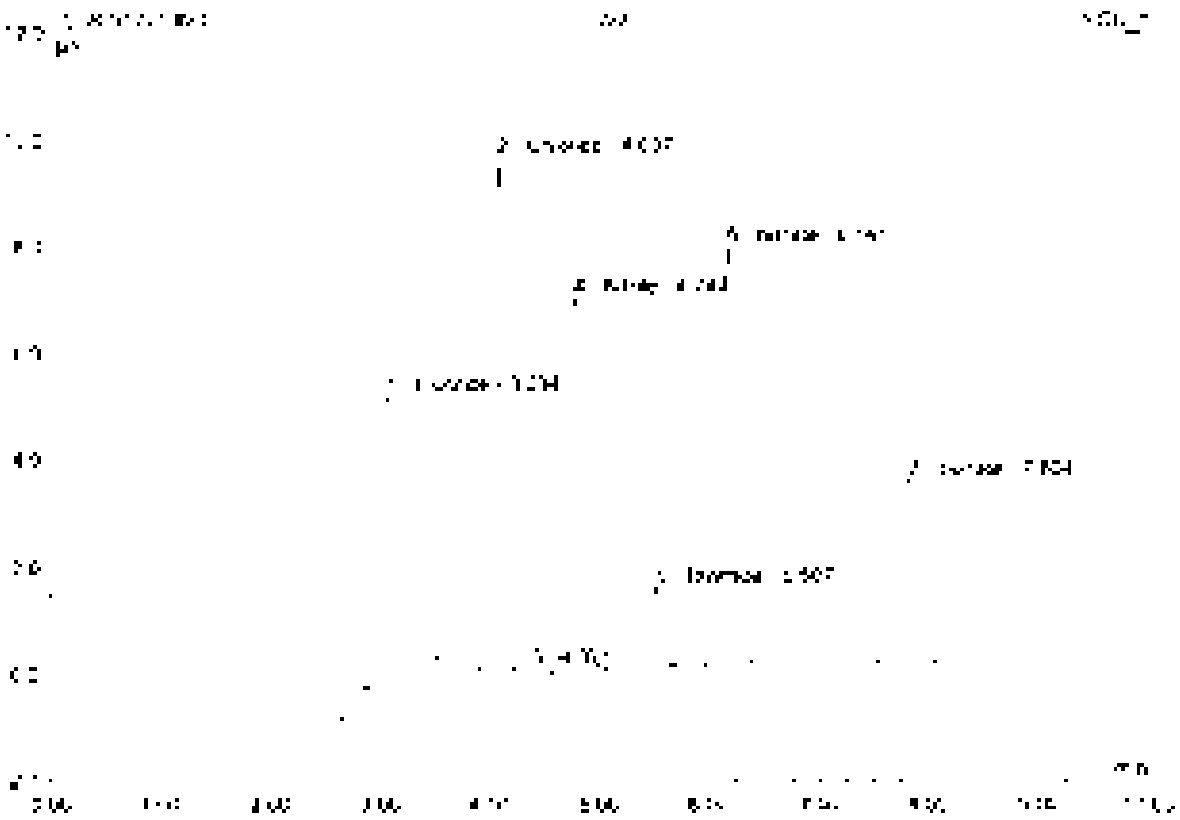
Sample Name	CCV2	Injected Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	9/1/2021 16:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.03	Fluoride	5.423	[illegible]	26.25	5.254	BMB*
2	4.04	Chloride	9.610	0.972	47.38	4.719	BMB*
3	4.37	n.a.	0.309	0.006	0.13	n.a.	BMB
4	4.76	Nitrite	6.978	0.566	18.47	2.509	BMB
5	5.51	Bromide	1.504	0.170	8.37	2.476	BMB
6	6.14	Nitrate	7.537	1.362	22.02	2.418	BMB
7	7.50	Sulfate	3.358	0.648	19.37	5.648	BMB
Total:			34.875	4.851	100.00	22.463	

21 CCV2

Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/17/2021 16:16	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



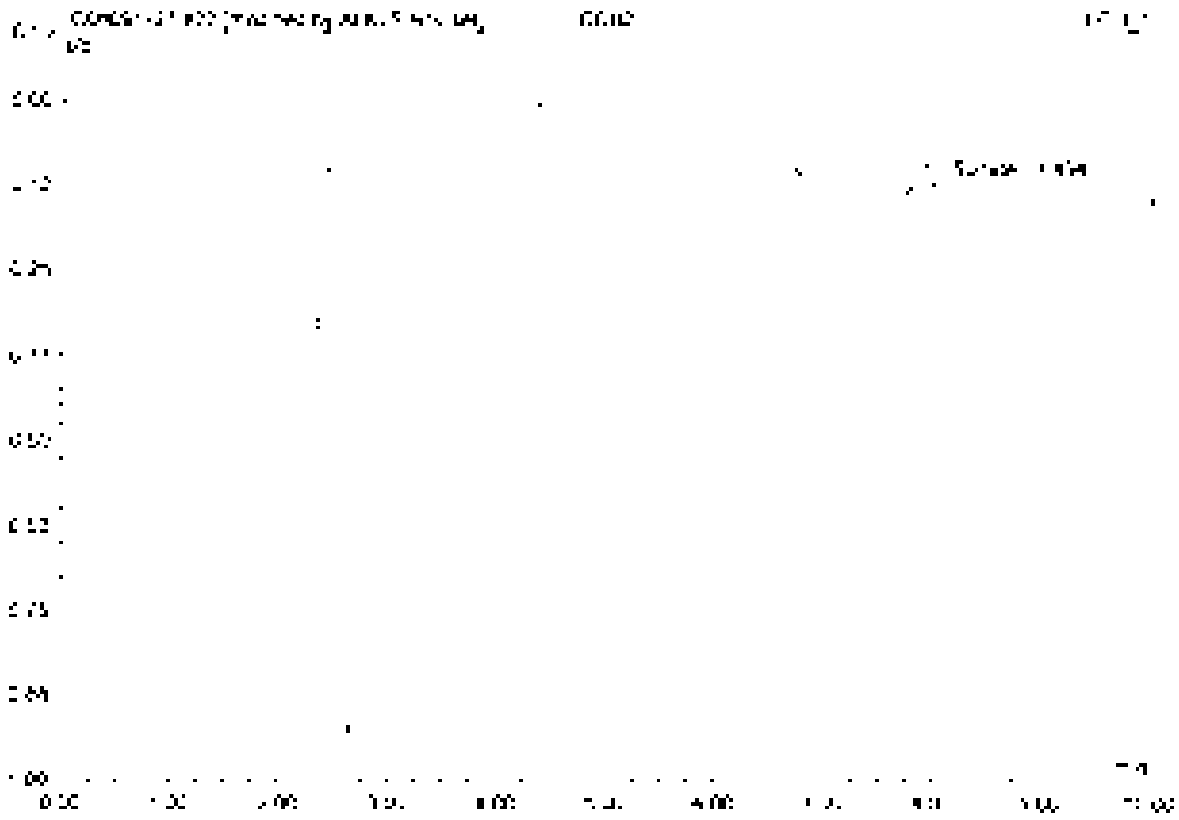
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	5.458	1.215	25.51	5.599	BMB
2	4.04	Chloride	9.810	0.572	11.69	4.779	BMB
3	4.37	[illegible]	0.069	0.006	0.13	n.a.	BMB
4	4.75	Nitrite	6.978	0.866	18.17	2.500	BMB
5	5.51	Bromide	1.504	0.183	3.70	2.475	BMB
6	6.78	Nitrate	2.817	1.068	21.68	2.419	BMB
7	7.80	Sulfate	2.395	0.648	13.15	5.049	BMB
Total			34.854	4.533	100.00	22.825	

Before

SEP 2 0

22 CCB2

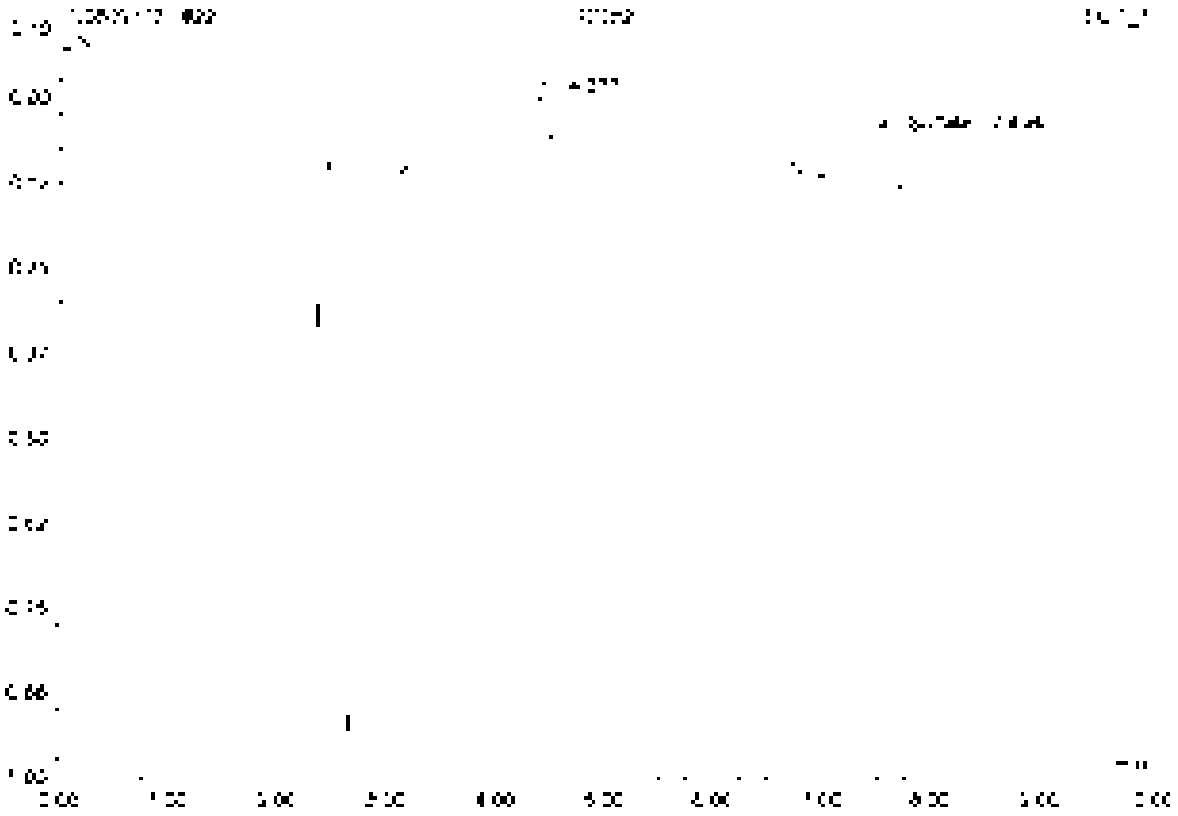
Sample Name	CCB2	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Running Time	8/17/2021 16:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	[illegible]	[illegible]	[illegible]	100.00	[illegible]	BMB*
Total:			[illegible]	[illegible]	100.00	[illegible]	

22 CCB2

Sample Name	CCB2	Injection Volume	25.0
Vial Number	69	Column	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Processing Time	[illegible]/2021 16:28	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



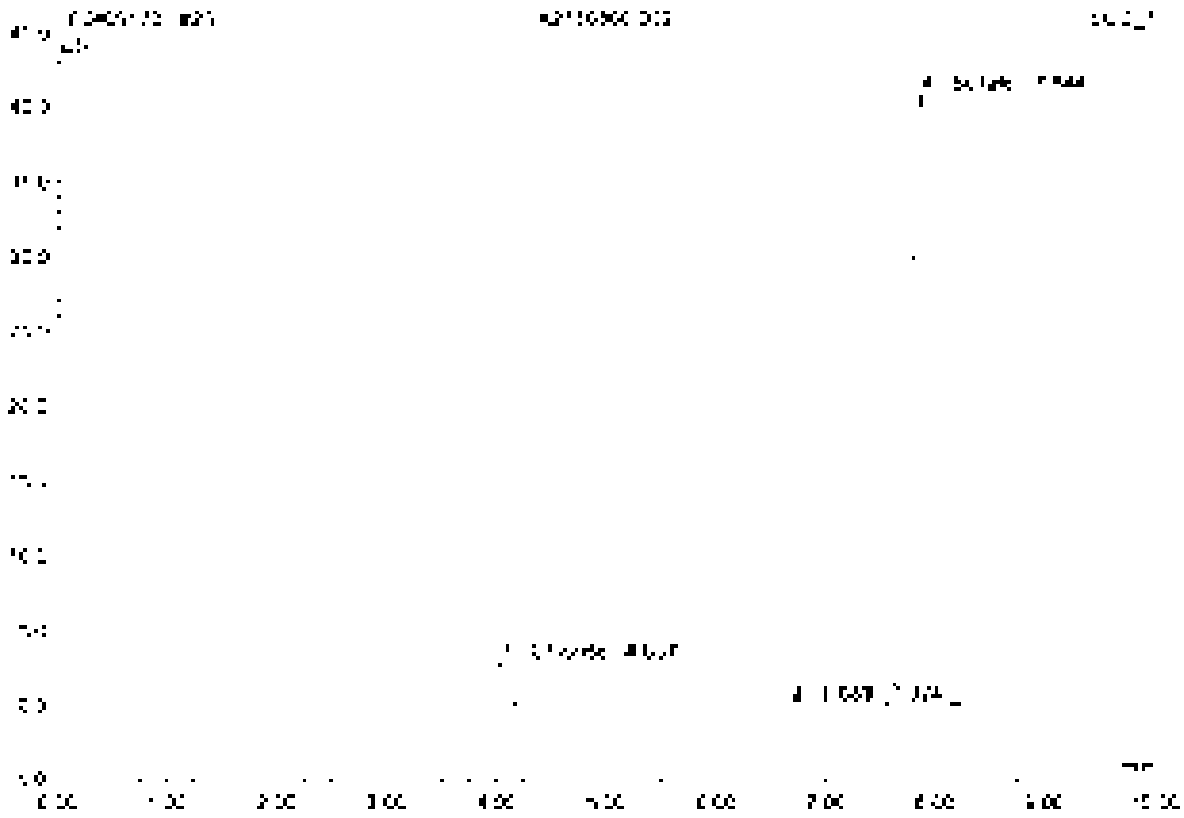
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.38	n.a.	0.506	[illegible]	98.85	n.a.	BMB
2	7.49	Sulfate	0.074	0.031	[illegible]	0.161	BMB
Total:			0.581	1.916	100.00	0.161	

Before

SEP 2 [illegible]

23 K2110360-002

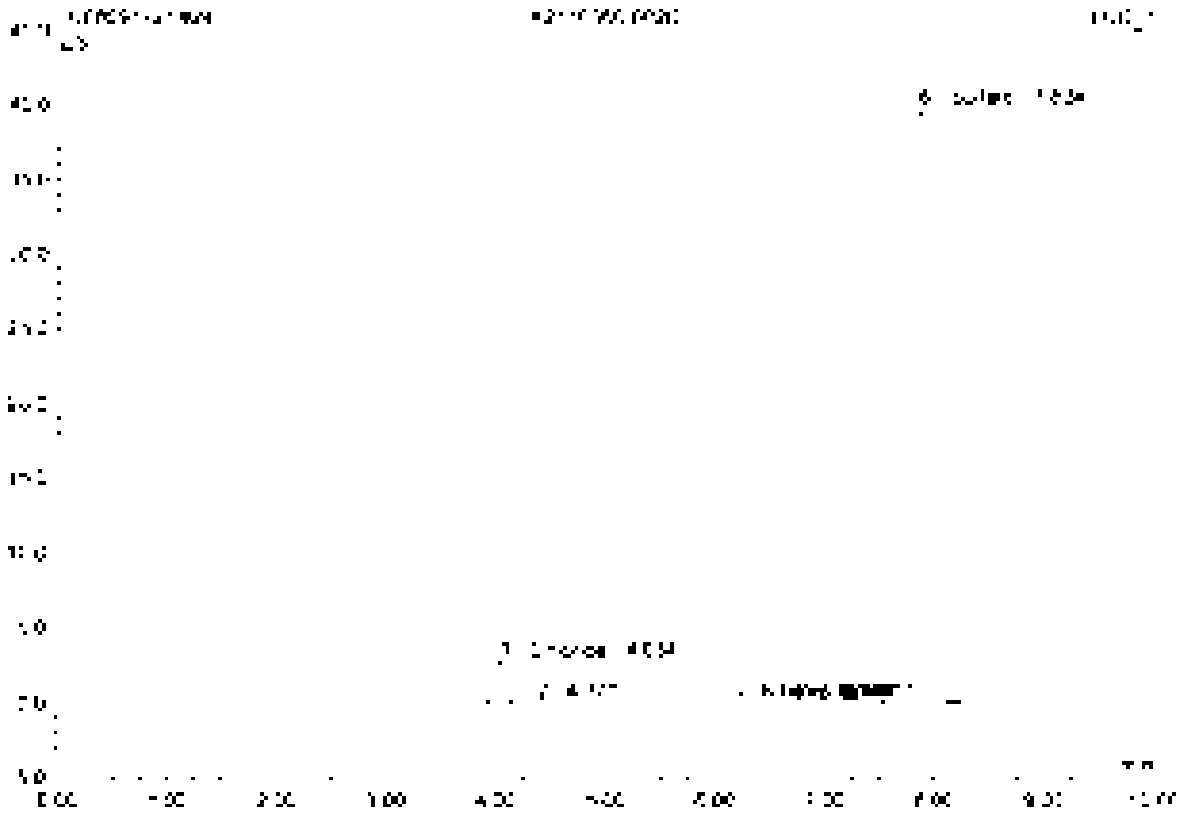
Sample Name	K2110360-002	Injection Volume	25.0
Vial Number	11	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	30.0000
Recording Time	9/17/2021 16:38	Sample Weight	1.0000
Run Time (min)	30.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	2.867	0.256	3.40	29.107	BMB
2	6.58	n.a.	0.021	0.002	0.03	n.a.	BMB
3	7.32	n.a.	0.021	0.006	0.08	n.a.	BMB
4	7.94	Sulfate	40.757	7.455	96.48	1'161.240	BMB
Total:			43.666	7.737	100.00	1'190.347	

24 K2110360-002D

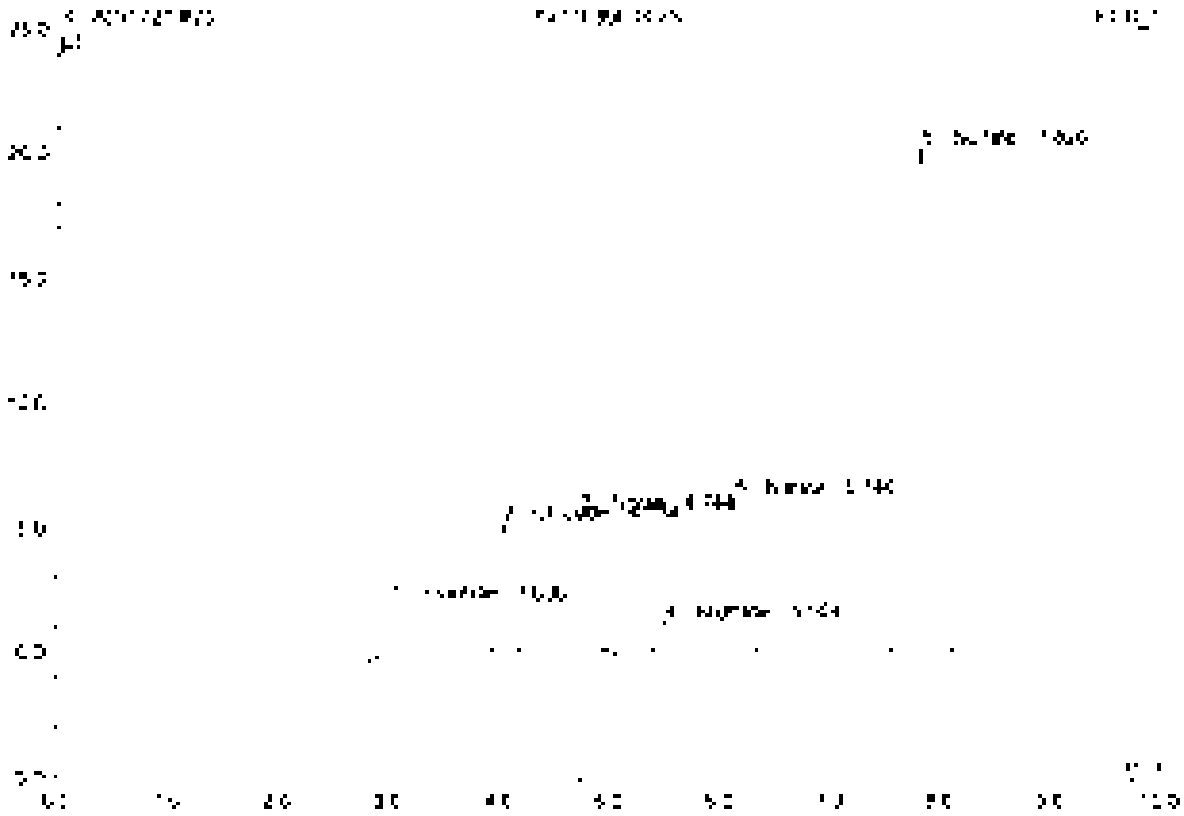
Sample Name	K2110360-002D	Injection Volume	25.0
Vial Number	17	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Original Method	epa300	Dilution Factor	20.0000
Recording Time	5/17/2021 16:51	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.03	Chloride	9.708	0.364	3.43	28.466	BMB
2	4.37	n.a.	0.058	0.006	0.08	n.a.	BMB
3	6.14	Nitrate	0.055	0.007	0.09	0.305	BMB
4	6.66	n.a.	0.031	0.007	0.09	n.a.	BMB
5	7.17	n.a.	0.031	0.007	0.09	n.a.	BMB
6	7.91	Sulfate	32.715	7.289	96.32	1194.896	BMB
Total:			42.684	7.575	100.00	1163.669	

25 K2110360-0025

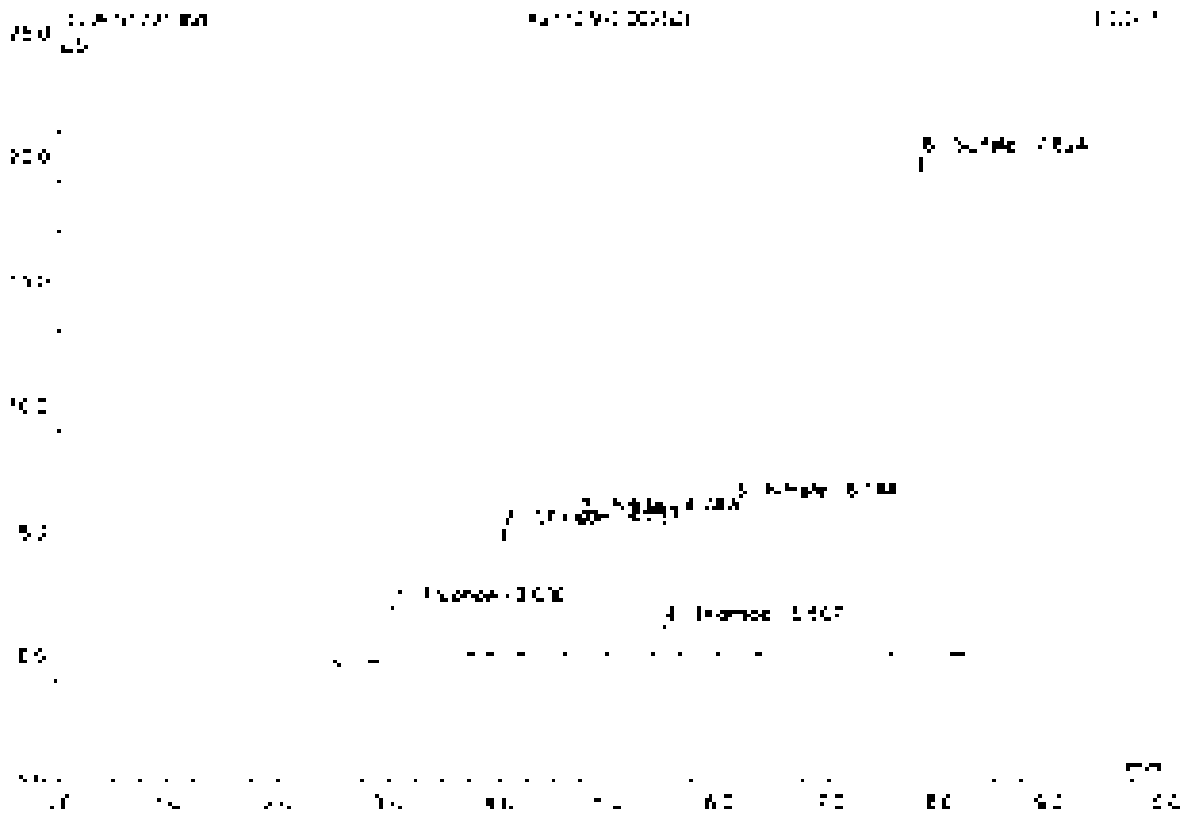
Sample Name	K2110360-0025	Injection Volume	25.0
Vial Number	13	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	40.0000
Recording Time	5/17/2021 17:07	Sample Weight	1.0000
Run Time (min)	40.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.33	Fluoride	2.232	0.570	0.93	[illegible]	BMB
2	4.33	Chloride	5.145	0.434	7.34	[illegible]	BMB
3	4.74	Nitrite	5.554	0.770	11.31	[illegible]	BMB
4	5.50	Bromide	1.276	0.148	2.75	[illegible]	BMB
5	6.14	Nitrate	6.188	0.251	3.12	[illegible]	BMB
6	7.62	Sulfate	20.225	3.703	57.36	[illegible]	BMB
Total			40.363	6.455	100.00	[illegible]	

26 K2110360-002SD

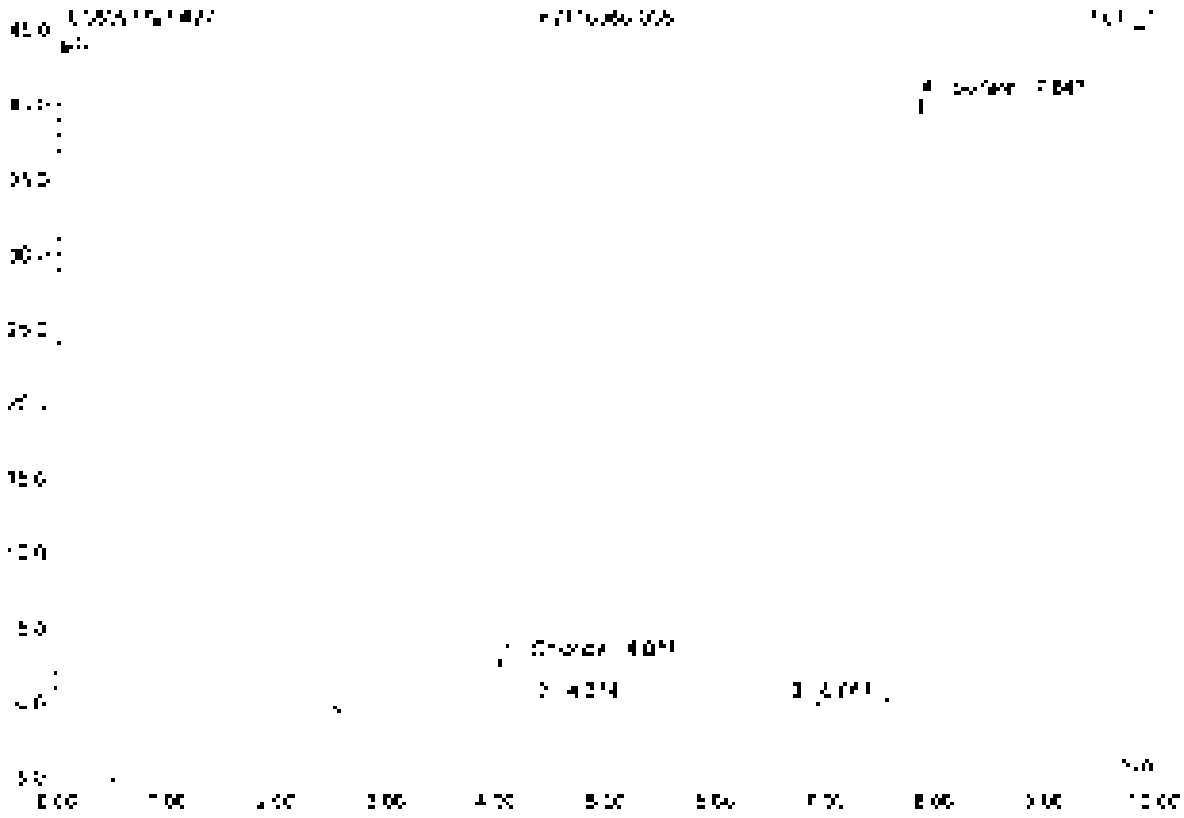
Sample Name	K2110360-002SD	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	40.0000
Recording Time	8/17/2021 17:14	Sample Weight	1.0000
Run Time (min)	40.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	4.04	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
3	4.75	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]	BMB
4	5.51	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	BMB
5	6.74	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
6	7.82	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

27 K2110360-005

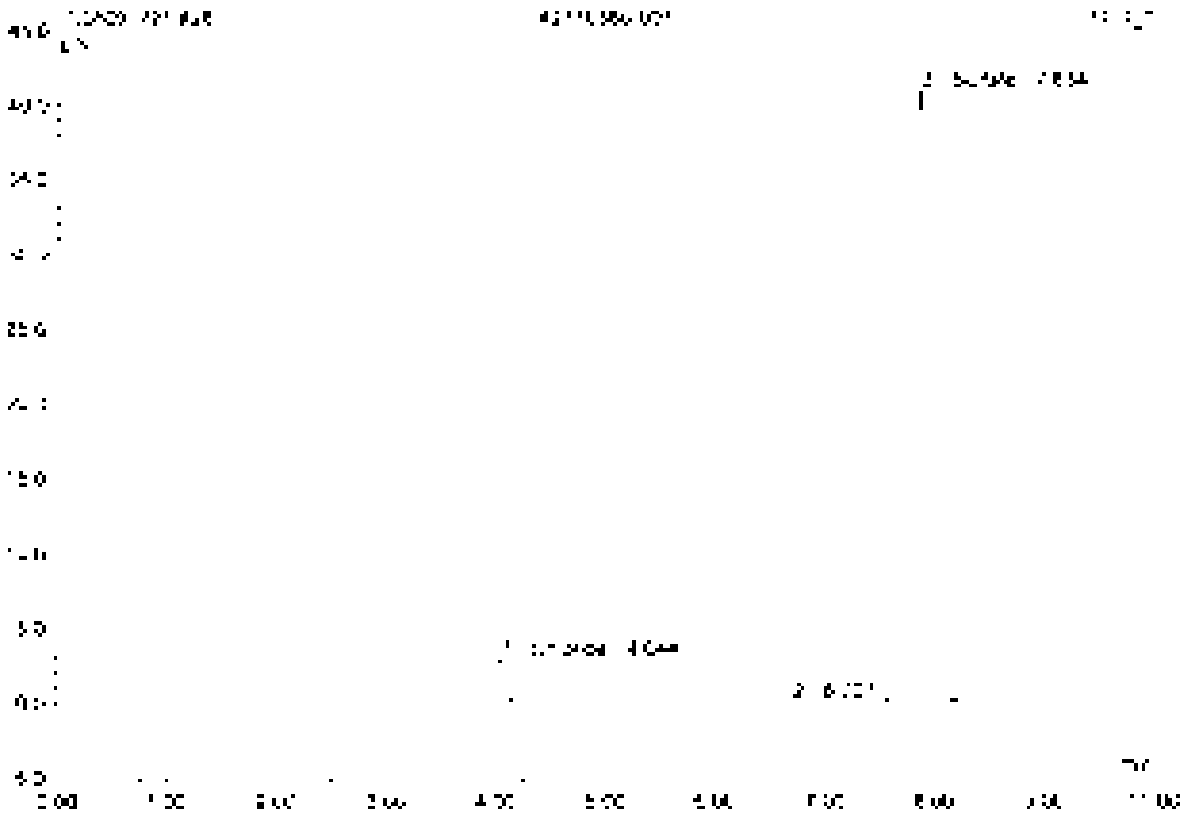
Sample Name	K2110360-005	Injection Volume	25.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Chanel Method	epa300	Dilution Factor	20.0000
Recording Time	9/9/2021 17:26	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	2.830	0.264	3.45	28.662	BMB
2	4.37	n.a.	0.051	0.005	0.07	n.a.	BMB
3	6.69	n.a.	0.040	0.009	0.12	n.a.	BMB
4	7.85	Sulfate	40.356	7.364	96.37	[illegible]	BMB
Total:			43.278	7.642	100.00	[illegible]	

28 K2110360-007

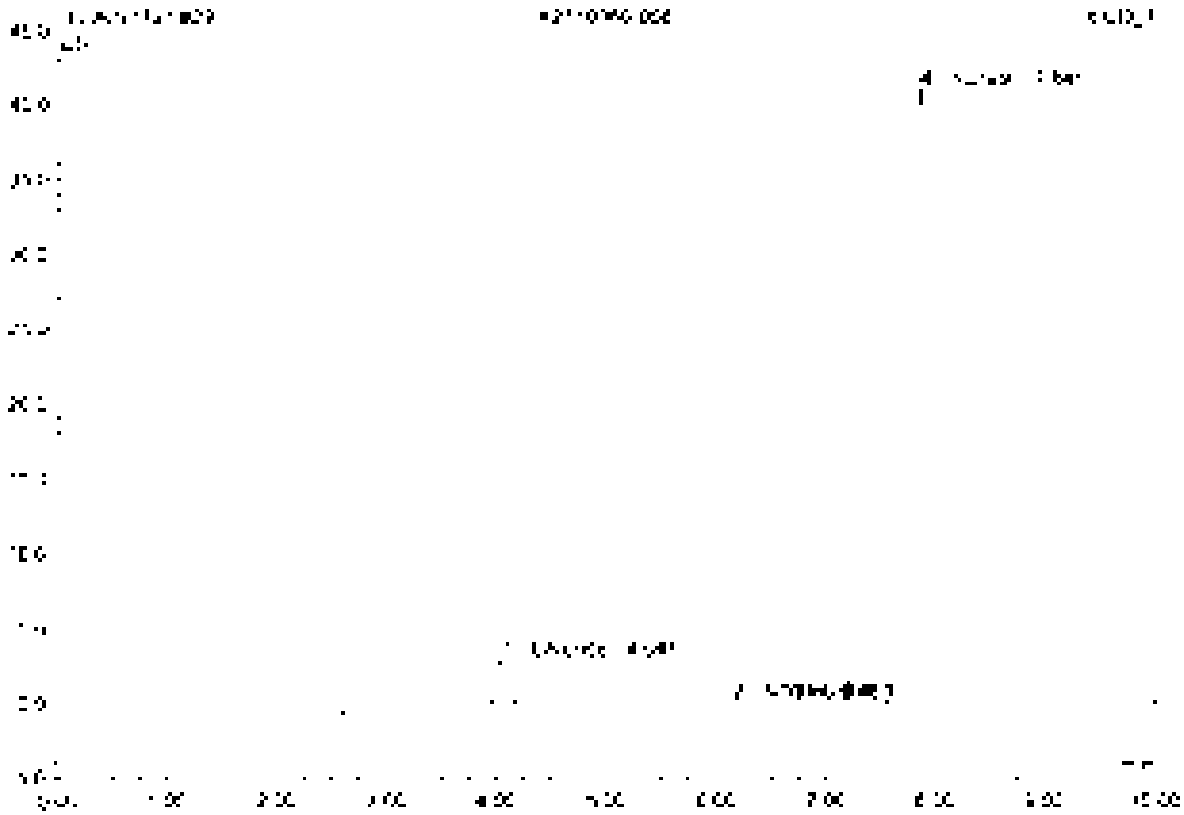
Sample Name	K2110360-007	Injection Volume	25.0
Inj. Number	10	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quantif. Method	spa300	Dilution Factor	20.0000
Recording Time	9/17/2021 17:59	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	2.845	0.264	3.39	28.894	BV8
2	[illegible]	n.a.	0.026	0.006	0.08	n.a.	BV8
3	7.85	Sulfate	40.874	7.511	96.53	1158.434	PW8
Total:			43.744	7.781	100.00	1187.328	

29 K2110360-008

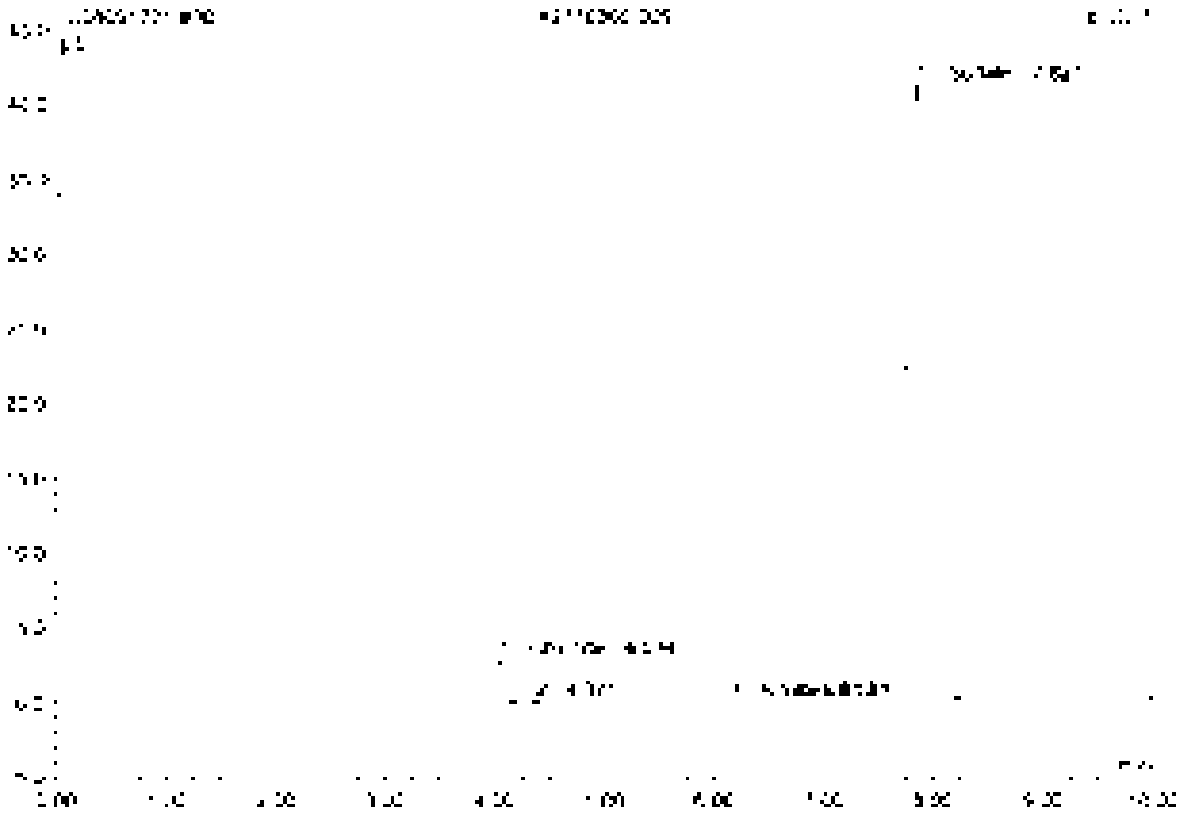
Sample Name	K2110360-008	Injection Volume	25.0
Vial Number	17	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	50.0000
Recording Time	9/17/2021 15:11	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	0.850	0.055	3.40	29.011	BMB
2	6.15	Nitrate	0.040	0.006	0.38	0.267	BMB
3	6.69	n.a.	0.029	0.007	0.39	n.a.	BMB
4	7.84	Sulfate	49.838	1.514	96.44	1'109.955	BMB
Total:			49.759	1.570	100.00	1'139.233	

30 K2110360-009

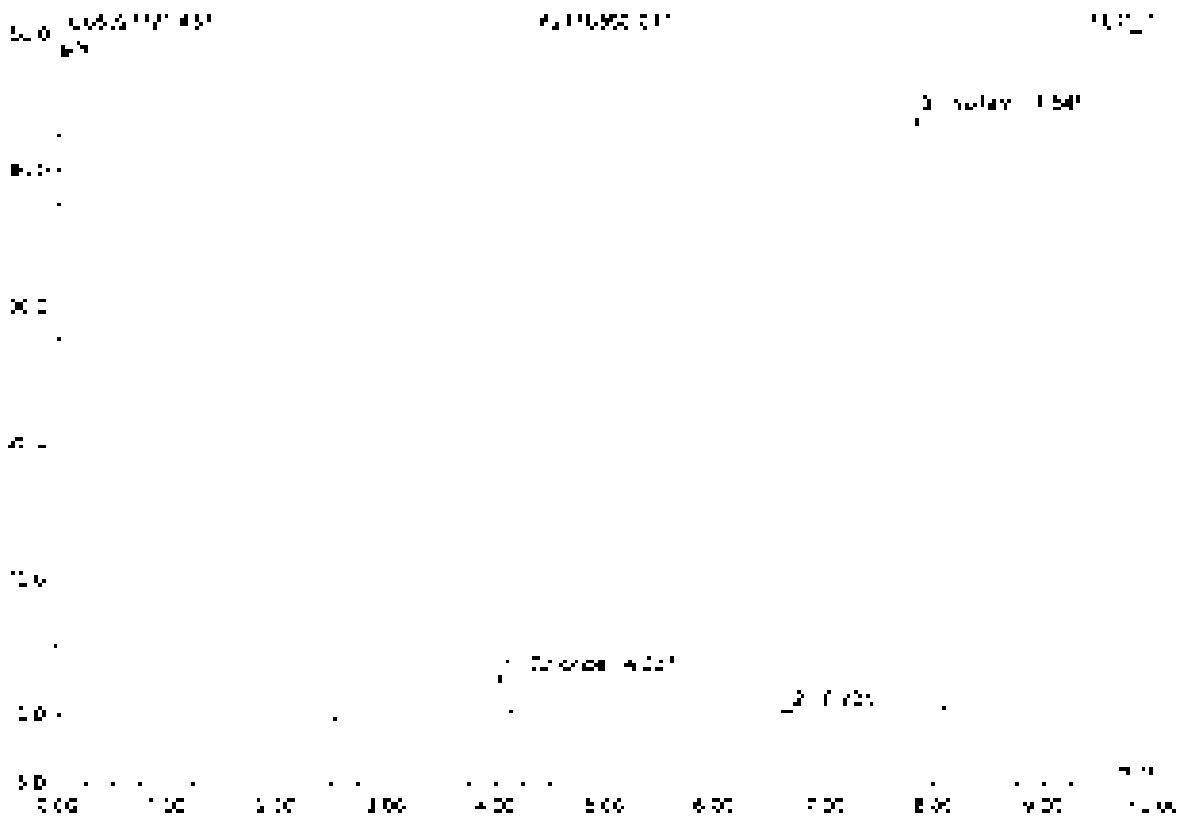
Sample Name	K2110360-009	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	20.0000
Recording Time	9/17/2021 18:32	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.03	Chloride	2.385	0.765	3.25	29.010	BMB
2	4.37	n.a.	0.075	0.007	0.03	n.a.	BMB
3	5.14	Nitrate	0.020	0.003	0.01	0.244	BMB
4	5.72	n.a.	0.047	0.011	0.10	n.a.	BMB
5	7.53	Sulfate	41.209	7.684	96.41	1227.419	BMB
Total:			44.235	8.173	100.00	1256.793	

31 K2110360-011

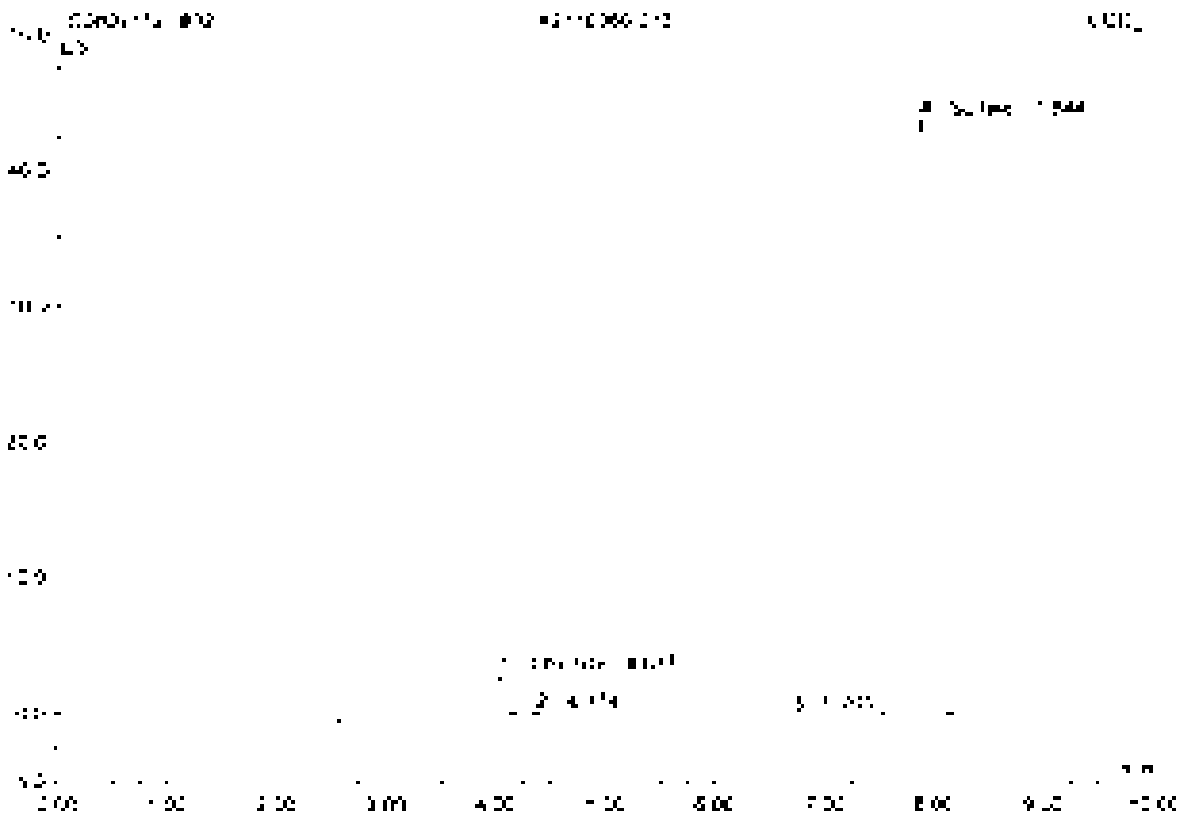
Sample Name	K2110360-011	Injection Volume	25.0
Vial Number	19	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	50.0000
Recording Time	8/17/2021 18:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.84	Chlorate	2.840	0.264	2.16	25.253	BMB
2	6.70	n.a.	0.054	0.012	0.14	n.a.	BMB
3	7.84	Sulfate	43.750	5.041	96.69	1758.428	BMB
Total:			46.649	5.315	100.00	1783.680	

32 K2110360-013

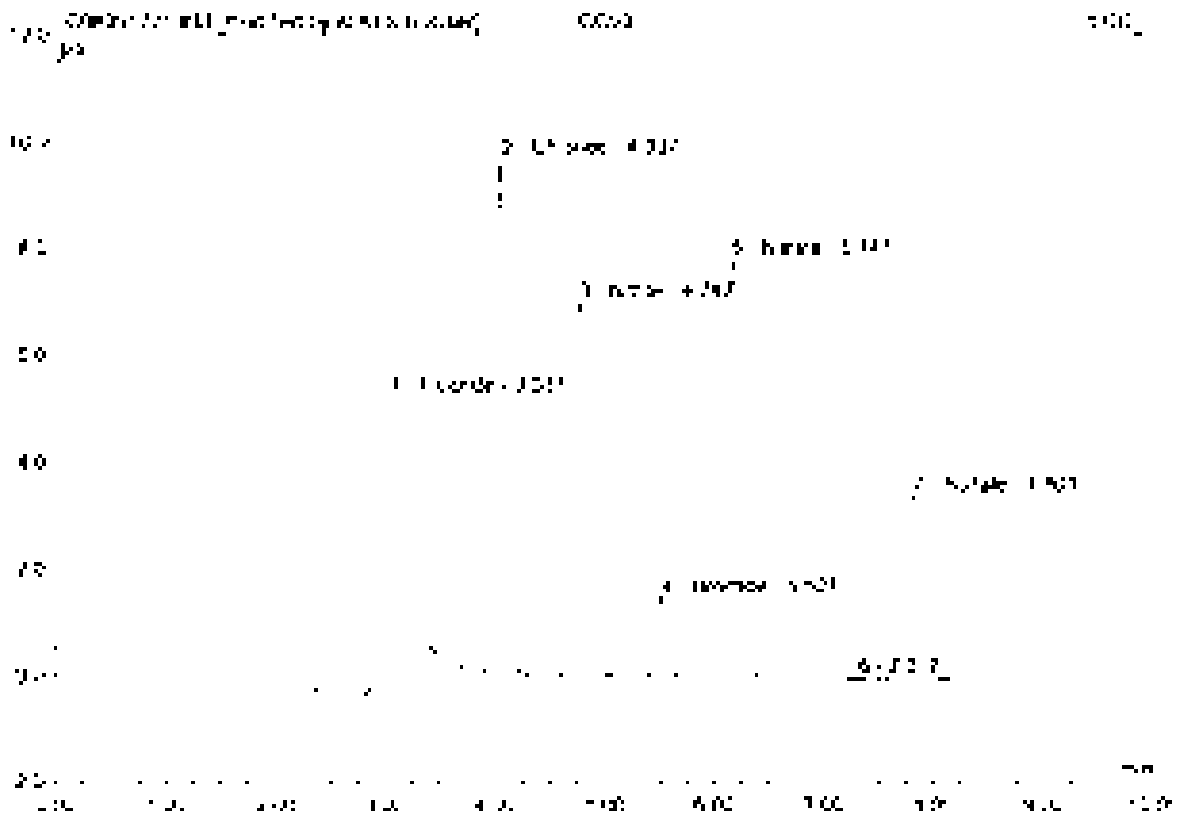
Sample Name	K2110360-013	Injection Volume	25.0
Vial Number	20	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantit. Method	apa300	Calibrat. Factor	30.0000
Analyzing Time	9/17/2021 18:46	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	2.820	0.267	3.23	29.286	BMB
2	4.37	n.a.	0.021	0.008	0.10	n.a.	BMB
3	6.70	n.a.	0.045	0.011	0.13	n.a.	BMB
4	7.84	Sulfate	43.220	8.021	96.53	1253.142	BMB
Total:			46.106	8.307	100.00	1282.427	

33 CCV3

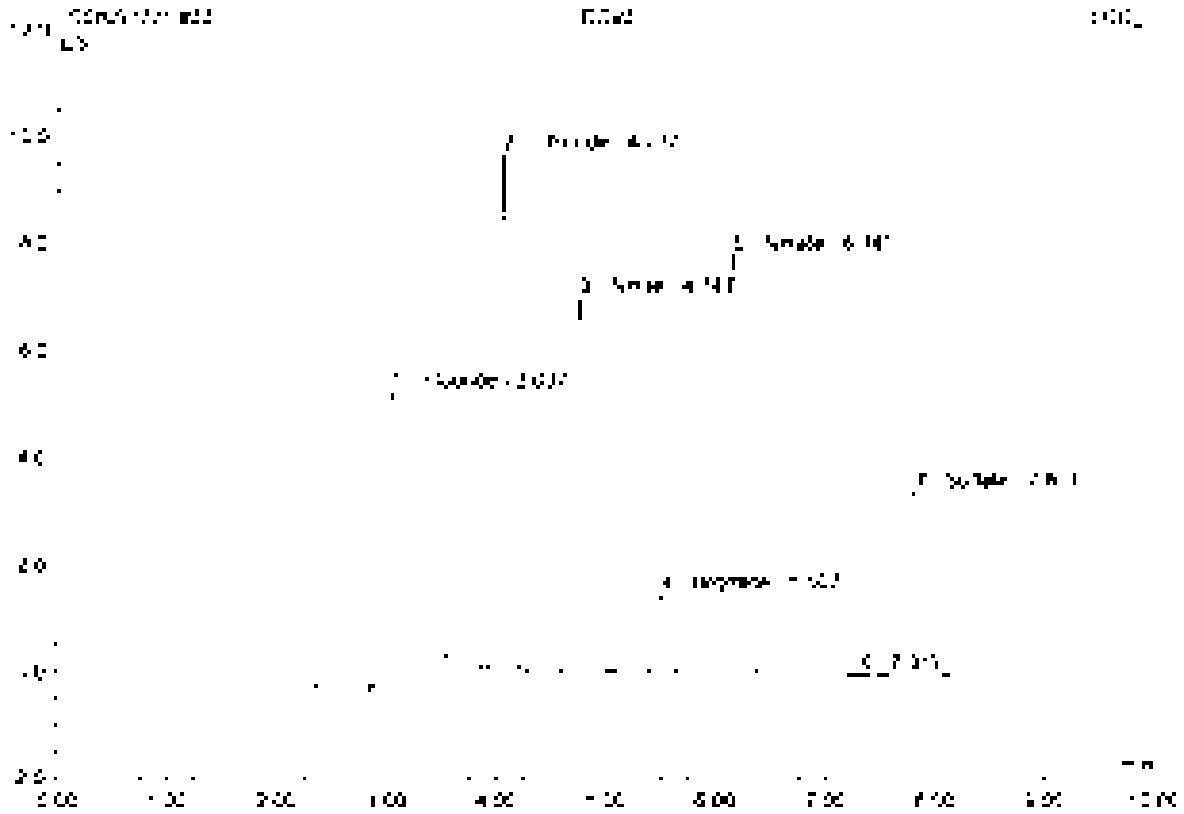
Sample Name	CCV3	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant. Method	apa300	Dilution Factor	1.0000
Processing Time	9/17/2021 10:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.34	Fluoride	5.468	1.210	24.19	5.355	BMB*
2	4.34	Chloride	9.649	0.878	17.54	4.370	BMB*
3	4.95	Nitrite	7.009	0.946	18.91	7.517	BMB
4	5.57	Bromide	1.505	0.182	3.72	2.464	BMB
5	6.74	Nitrate	7.880	1.070	21.38	2.421	BMB
6	7.32	n.a.	0.000	0.006	0.13	n.a.	BMB*
7	7.80	Sulfate	2.449	0.645	13.17	5.015	BMB
Total			34.551	4.893	100.00	22.626	

33 CCV3

Sample Name	CCV3	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Comm. Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	9/17/2021 18:57	Sample Weight	1.0000
Run Time (min)	40.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.34	Fluoride	5.494	1.278	25.78	5.696	BMB
2	4.34	Chloride	9.649	3.578	17.71	6.810	BMB
3	4.75	Nitrite	7.005	3.939	19.13	3.517	BMB
4	5.51	Bromide	1.505	0.182	3.67	2.464	BMB
5	6.14	Nitrate	7.840	1.070	21.58	2.421	BMB
6	7.32	n.a.	0.030	0.006	0.13	n.a.	BMB
7	7.80	Sulfate	3.449	0.645	13.00	5.018	BMB
Total:			34.578	4.958	100.00	22.515	

Reviewed

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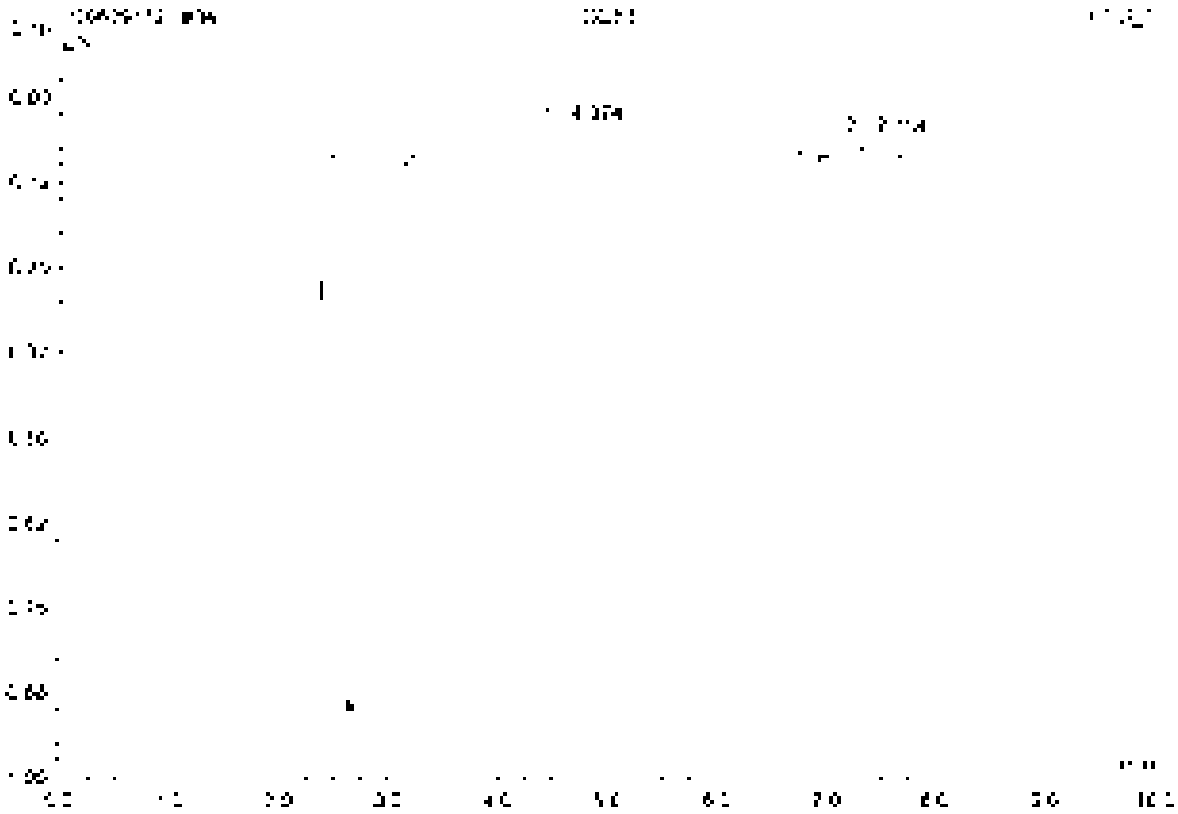
34 CCB3

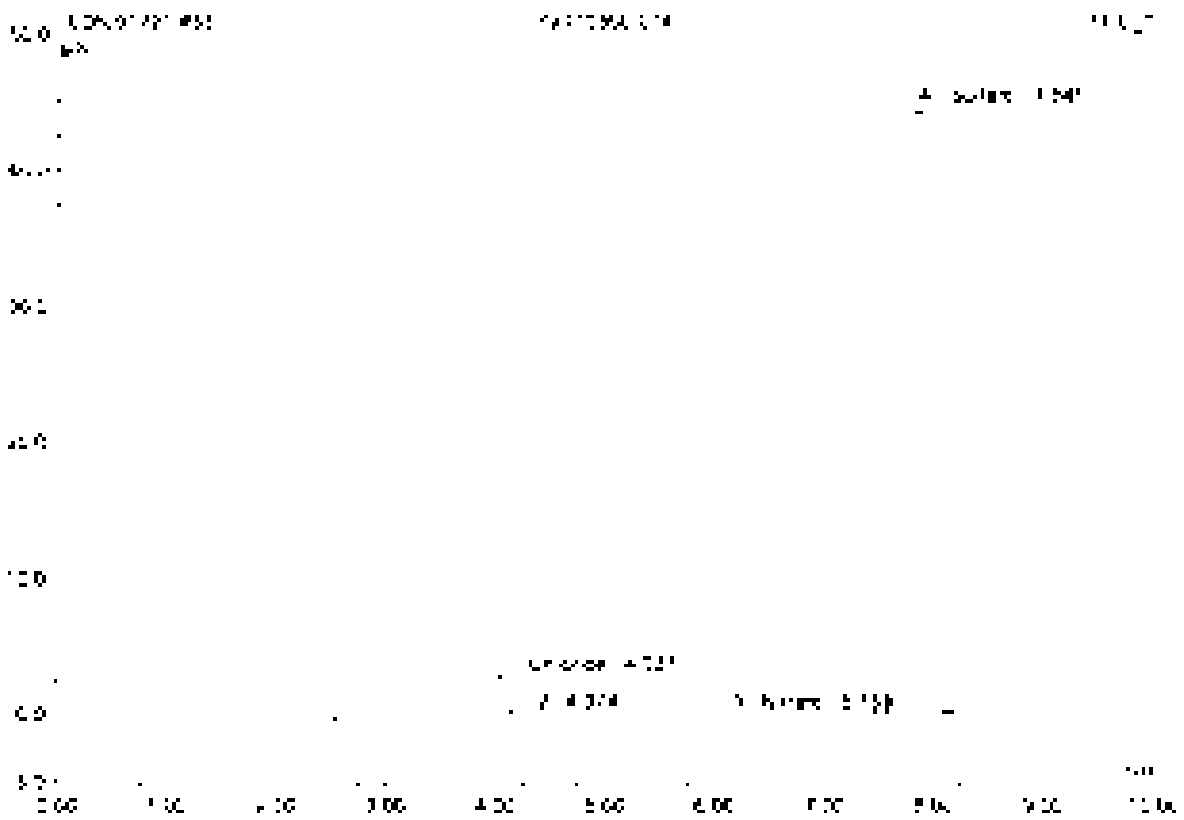
Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	FCD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Processing Time	9/01/2021 18:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.07	n.a.	0.536	1.722	99.70	n.a.	BMB
2	7.15	n.a.	0.005	0.005	0.30	n.a.	BMB
Total:			0.541	1.727	100.00	0.000	

35 K2110360-014

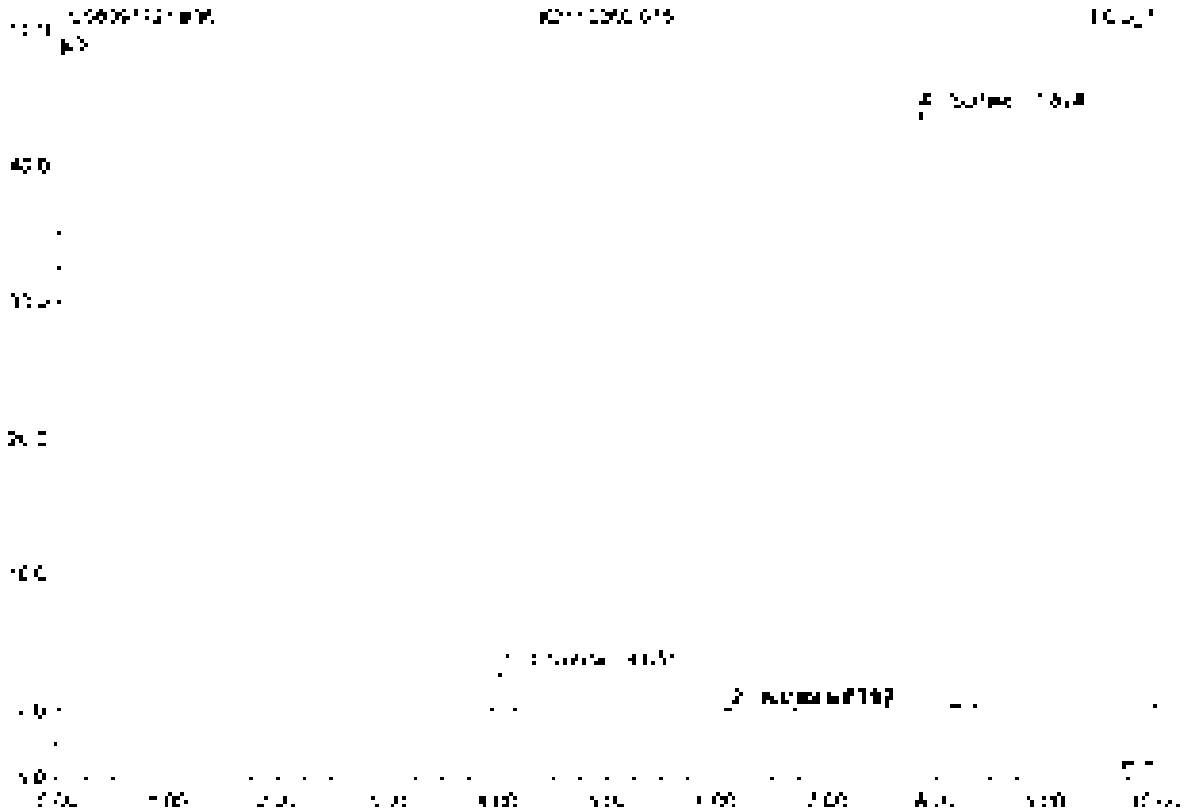
Sample Name	K2110360-014	Injection Volume	25.0
Vial Number	31	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Count Method	epa300	Dilution Factor	20.0000
Recording Time	9/17/2021 19:21	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	2.602	0.268	3.15	[illegible]	BMB
2	4.37	n.a.	0.725	0.071	0.83	n.a.	BMB
3	6.15	Nitrate	0.045	0.007	0.08	0.374	BMB
4	7.84	Sulfate	44.576	8.204	96.04	[illegible]	BMB
Total:			47.948	8.492	100.00	[illegible]	

36 K2110380-015

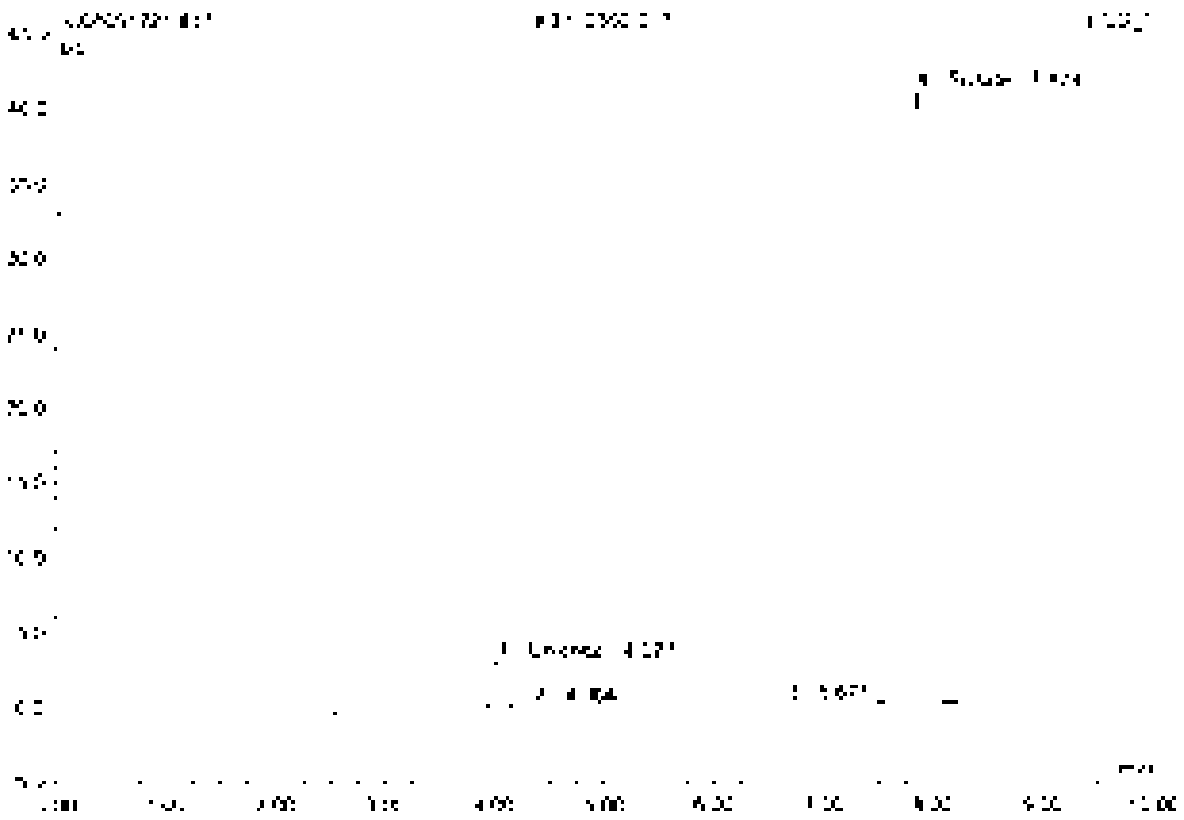
Sample Name	K2110380-015	Injection Volume	25.0
Vial Number	27	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	20.0000
Recording Time	9/3/2021 10:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	RetTime min	Peak Name	Height µS	Area µS*min	RelArea %	Amount	Type
1	4.00	Chloride	2.866	0.265	3.04	25.059	BV0
2	6.74	Nitrate	0.051	0.009	0.10	0.088	BV0
3	6.73	n.a.	0.056	0.012	0.14	n.a.	BV0
4	7.82	Sulfate	43.817	8.426	96.72	134.931	BV0
Total:			46.792	8.712	100.00	134.078	

37 K2110360-017

Sample Name	K2110360-017	Injection Volume	35.0
Vial Number	23	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	9/17/2021 19:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

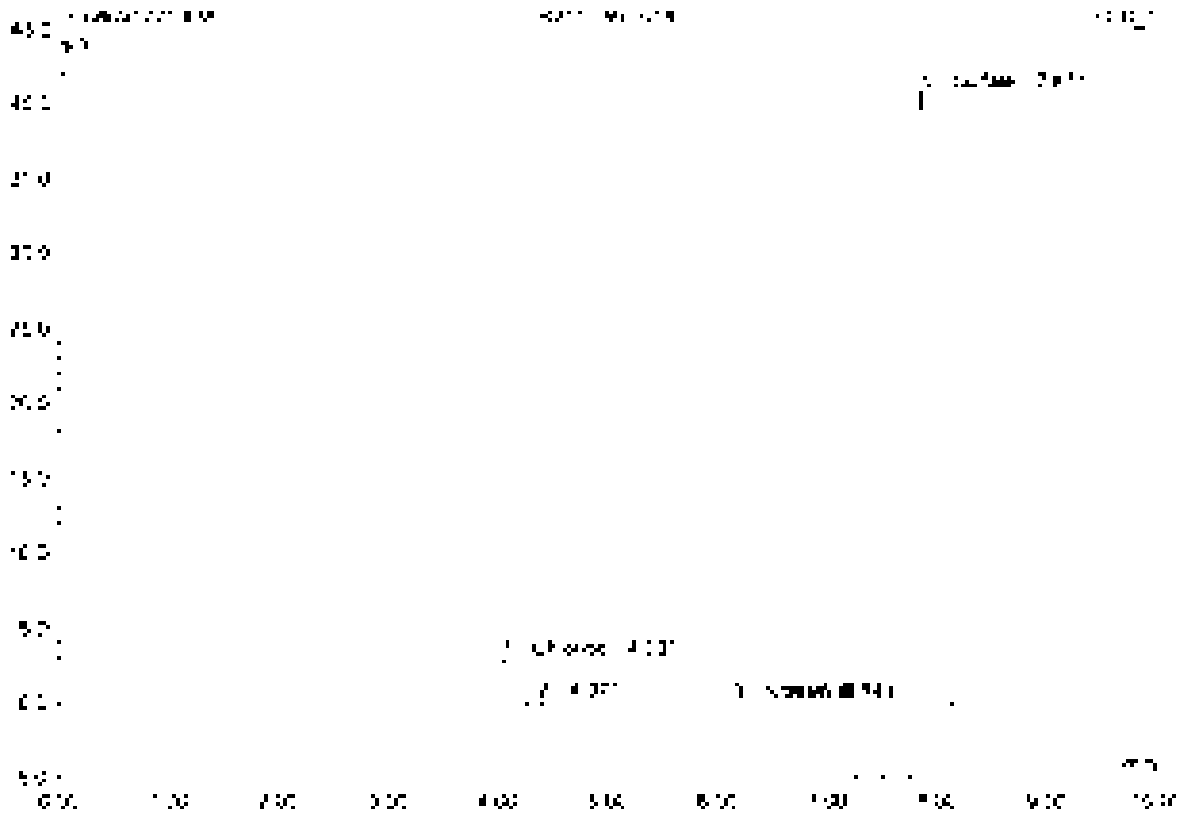


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.01	Chloride	3.028	0.280	3.61	30.688	BMB
2	4.36	n.a.	0.074	0.007	0.09	n.a.	BMB
3	5.67	n.a.	0.054	0.012	0.16	n.a.	BMB
4	7.22	Sulfate	40.853	7.456	96.14	1160.553	BMB
Total:			44.009	7.756	100.00	1191.242	

Chromeleon (c) Dionex 1996-2006
Version 6.50 SR11d Build 1102 (1962/5)

38 K2110360-01B

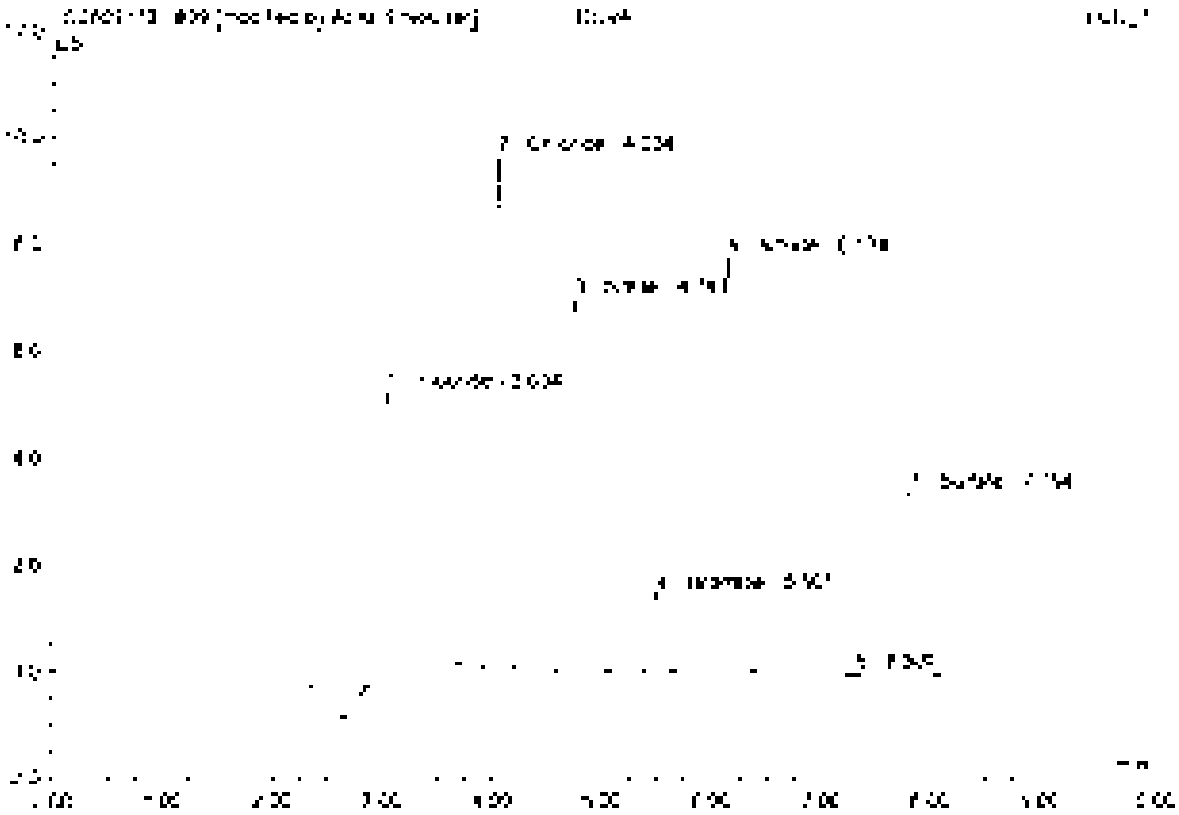
Sample Name	K2110360-01B	Injection Volume	25.0
Vial Number	24	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	9/17/2021 19:55	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.01	Chloride	2.525	0.277	3.52	29.700	BMB
2	4.37	n.a.	0.156	0.016	0.20	n.a.	bMU
3	6.74	Nitrate	0.039	0.005	0.07	0.200	BMR
4	6.67	n.a.	0.049	0.009	0.12	n.a.	BMR
5	7.83	Sulfate	40.839	7.408	95.10	1152.425	BMB
Total			41.998	7.709	100.00	1181.355	

39 CCV4

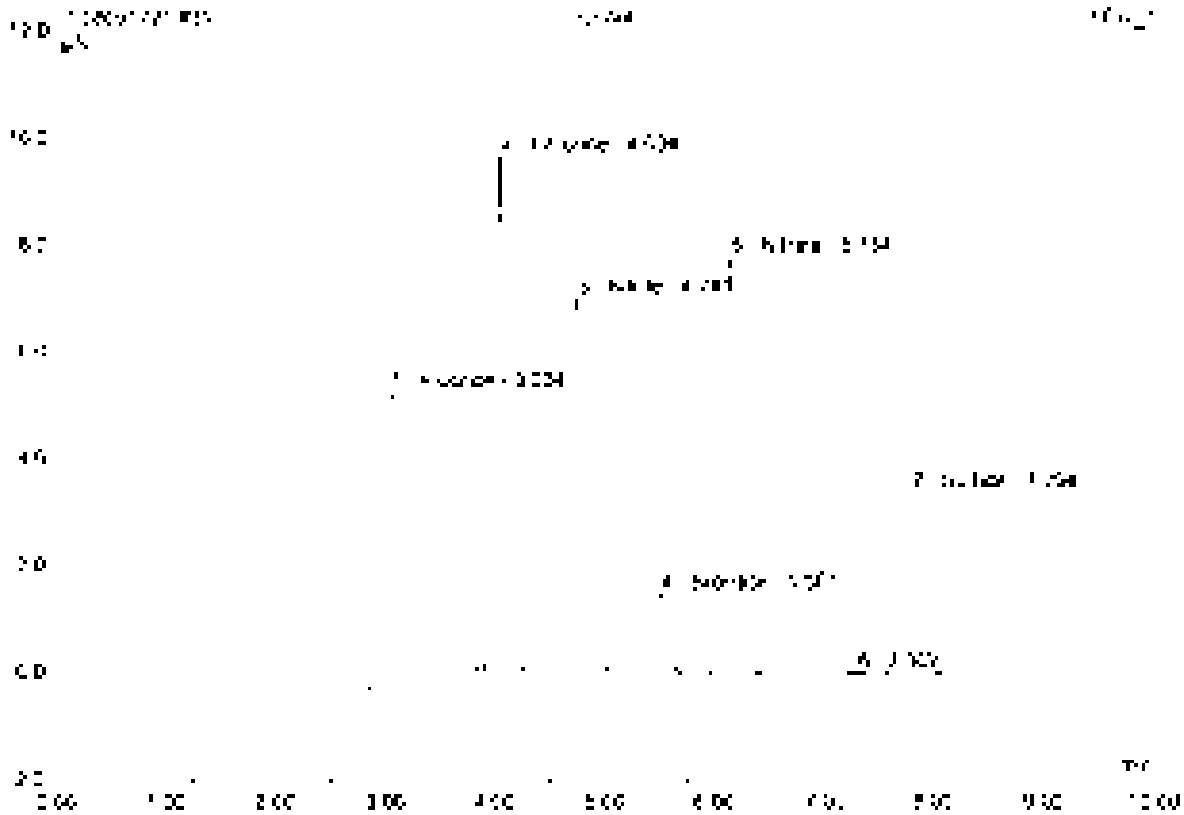
Sample Name	CCV4	Injection Volume	25.0
Vial Number	44	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	9/23/2021 20:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.00	Fluoride	5.652	1.210	24.66	5.081	BMB*
2	4.03	Chloride	9.622	0.873	17.94	4.782	BMB*
3	4.74	Nitrite	6.995	0.896	18.41	2.505	BVB
4	5.50	Bromide	1.499	0.181	3.72	2.453	BMB
5	6.13	Nitrate	7.625	1.065	21.88	2.410	BMB
6	7.31	n.a.	0.313	0.007	0.14	n.a.	BMB
7	7.79	Sulfate	3.421	0.635	13.05	4.946	BVB
Total:			34.831	4.867	100.00	22.481	

39 CCV4

Sample Name	CCV4	Injection Volume	25.0
Vial Number	48	Channel	EC0 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quant Method	spa300	Dilution Factor	1.0000
Recording Time	9/17/2021 20:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



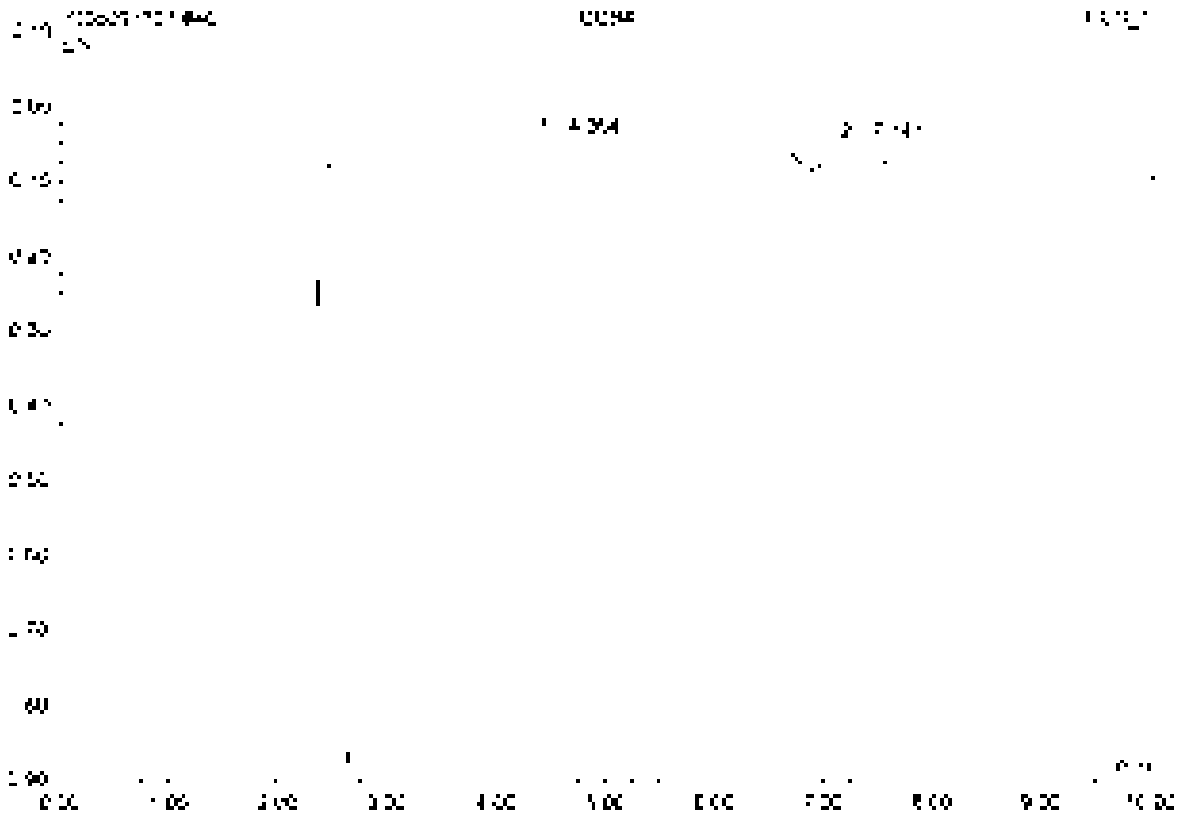
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	5.479	1.274	25.94	5.667	BMB
2	4.03	Chloride	9.622	2.572	52.71	4.762	BMB
3	4.24	Nitrite	6.968	0.896	18.17	2.508	BMB
4	5.50	Bromide	1.459	0.181	3.67	2.453	BMB
5	5.13	Nitrate	7.805	1.063	21.56	2.410	BMB
6	7.21	n.a.	0.030	0.007	0.14	n.a.	BMB
7	7.79	Sulfate	3.921	0.635	12.88	4.945	BMB
Total:			34.858	4.931	100.00	22.757	

Before

SEP 2 0

40 CCB4

Sample Name	CCB4	Injection Volume	25.0
Vial Number	40	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Processing Time	9/17/2021 20:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.36	n.a.	0.517	1.650	99.48	n.a.	BMB
2	7.14	n.a.	0.032	0.009	0.52	n.a.	bMB
Total			0.549	1.669	100.00	0.000	

Metals

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

Preparation Information Benchsheet

Prep Run.	[illegible]	**Prep WorkRow**	[illegible]	**Status**	Prepped	**Prep Date**	05/13/2021 09:34
Team	Metals	**Prep Method**	EPA CLP ILM04.0	**Current Step:**	Digestion	**Due Date.**	05/2[illegible]/2021
Analyst	Anna Boyer	**Rush/NPDES.**	N/A			**Hold Date**	06/02/2022

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Name	Type	ID	Expected	Name	Type	ID	Expected
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Materials

Step	Name	ID	Step	Name	ID
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			

Preparation Hardware / Equipment

Step	Name	Property	Value	Step	Name	Property	Value
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Steps

User	Started	Finished	ID	Assigned ID	Successful	Comments
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Comments

[illegible]

Reviewer

[illegible]

ICP-MS ICSW AND SPIKING SOLUTIONS

[illegible] x 500mL Dilution of Inorganic Ventures QCP-CICV 1
k-mat 1/100 QCP CICV-1

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Al	10000	100
Ag	1250	12.5
Ba	10000	100
Be	250	2.5
Ca	25000	250
Co	2500	25
Cu	1250	12.5
Cr	1000	10
Fe	5000	50
K	25000	250
Mg	25000	250
Mn	2500	25
Na	25000	250
Ni	2500	25
V	2500	25
Zn	2500	25

[illegible] mL to [illegible] mL Dilution of [illegible] 500ppm Se
k-mat 1ug/mL Se

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Se	1000	10

[illegible] x 500mL Dilution of Inorganic Ventures QCP-CICV 2
k-mat 1/100 QCP-CICV-2

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
As	5000	50
Pb	5000	50
Se	5000	50
Tl	5000	50
Co	2500	25

[illegible] mL to [illegible] mL Dilution of [illegible] 500 ppm Mo and [illegible] 1000 ppm U
k-mat Mo/U 5ppm

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Mo	5000	25
U	5000	25

Preparation Information Benchsheet

Prep Run	[illegible]	**Prep Workflow:**	[illegible]	**Status**	Draft	**Prep Date:**	09/10/2021 15:30
Team	Metals	**Prep Method**	[illegible]	**Current Step**	[illegible]	**Due Date:**	09/15/2021
Analyst	ASGYER	**Rush/HPDES**	N/A			**Hold Date:**	01/02/2022

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

24 Total Samples consisting of 20 Client Samples, 2 Client QC Samples, 2 Batch QC Samples associated with the current Prep Run

Spiking Solutions

Name	Type	ID	Expires	Name		Type	ID	Expires
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]

Preparation Materials

Preparation Hardware / Equipment

Preparation Steps

Step	Started	Finished	By	Automation	Completed	Comments
[illegible]					[illegible]	

Comments

[illegible]

Reviews

[illegible] [illegible]

Preparation Information Benchsheet

Prep Run	387075	**Prep Workflow**	Metals QA/QC	**Status**	Prepped	**Prep Date**	09/13/2021 09:34
Team	Metals	**Prep Method**	EPA CLP ILM04.0	**Current Step**	Digestion	**Due Date**	09/27/2021
Analyst	Anna Boyer	**Rush/NPDES**	N/A			**Hold Date**	11/02/2021

[illegible]

17 Total Samples consisting of 11 Client Samples, 3 Client QC Samples, 3 Batch QC Samples associated with the current Prep Run

Spiking Solutions

Name	Type	ID	Expires	Name	Type	ID	Expires
[illegible]	Spike	[illegible]	[illegible]	[illegible]	Spike	[illegible]	[illegible]
[illegible]	Spike	[illegible]	[illegible]	[illegible]	Spike	[illegible]	[illegible]

Preparation Materials

Step	Name	ID	Step	Name	ID
Digestion	[illegible]	[illegible]	Digestion	[illegible]	[illegible]
Digestion	[illegible]	[illegible]			

Preparation Hardware / Equipment

Step	Name	Property	Value	Step	Name	Property	Value
Digestion	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]

[illegible]

Preparation Steps

Step	Started	Completed	By	Reason By	Time Spent	Notes
Digestion	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Comments

[illegible]

Review

[illegible]

ICP-MS LCSW AND SPIKING SOLUTIONS

2.00mL to 500mL Dilution of Inorganic Ventures ICP CICV-1
k-mat 1/100 ICP-CICV-1

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Al	12500	125
Ag	1250	12.5
Ba	12500	125
Be	250	2.5
Ca	25000	250
Co	2500	25
Cu	1250	12.5
Cr	1000	10
Fe	5000	50
K	25000	250
Mg	25000	250
Mn	2500	25
Na	25000	250
Ni	2500	25
V	2500	25
Zn	2500	25

0.10mL to 100mL Dilution of 1000ppm Sc
k-mat 1ug/mL Sb

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Sb	1000	10

5.00mL to 500mL Dilution of Inorganic Ventures ICP CICV-2
k-mat 1/100 ICP-CICV-2

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
As	5000	50
Pb	5000	50
Se	5000	50
Tl	5000	50
Cd	2500	25

0.25mL to 100mL Dilution of 1000 ppm Mo (and 1000 ppm ...
k-mat MoW 5ppm

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Mo	5000	25
W	5000	25

Preparation Information Benchsheet

Prep Run	3870/S	**Prep Workflow**	[illegible]	**Status**	Draft	**Prep Date**	09/10/2021 15:32
Team	Metals	**Prep Method**	EPA [illegible]	**Current Step**	Digestion	**Due Date**	[illegible]
Analyst	[illegible]	**Rush/NPDES**	N/A			**Hold Date**	03/02/2022

[illegible]

17 Total Samples consisting of 13 Client Samples, 2 Client QC Samples, 2 Batch QC Samples associated with the current Prep Run.

Spiking Solutions

Name	Type	ID	Expires	Name	Type	ID	Expires
[illegible]	Spike	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Spike	[illegible]	[illegible]

Preparation Materials

Preparation Hardware / Equipment

Preparation Steps

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Comments

[illegible]

Review

[illegible]

Service Request # K2110125, K2110138, K2110356
Calibration. 092721AICPMS06
ALS LIMS Run# 740.
Pipette IDs. 16006318, 19070685, 18010244
Pipette Check Due: 11/19/21
Cal Std: MS28-64-I
ICV Std: MS28-63-E
LLICV Std: MS28-63-A
I.S. Solution: MS28-47-F
Tune Std. MS28-3-A
ICSA: MS28-64-J
ICSAB. MS28-64-K

ICP-MS Data Review Form

		Yes	No	NA
1.	Appropriate standardization completed	X		
2	ICV in control (+/- 10%)	X		
3	CCV's in control (+/- 10%)	X		
4	ICB/CCB's below MRL	X		
5	LLICV standard analyzed and in control	X		
6	ICS standards within 20% of true value			X
6	All analytes within instrument linear range	X		
7	Adequate rinse out time allowed	X		
8.	Internal standards in control	X		
9	Interferences checked	X		
10	Was the run terminated? If so why		X	

See Benchsheet exception report for sample batch QC information

Comments.

Prep Batches 386797 387797 387075 387074

Primary Review by Date

Secondary Review by Date

Data Review Form

Instrument ID# K-ICP-MS-06
DataFile Name R:\ICP\WIP\DATA\K-ICP-MS-06 (Agilent 7800)\092721A.csv
RUNNO 740188

K2110125

No exceptions to report.

K2110138

No exceptions to report.

K2110356

No exceptions to report.

Primary Approver
Secondary Approver 9/29/21

	Sample								
		Rpl	Data File	Acq Date-Time	Type	Level	Sample Name	Comment	Vial Number
1			0015MPL	2021 09 27 11 26 34 AM	Sample		FRINIR		2
2			0025MPL	2021 09 27 11 27 52 AM	Sample		RINSE		1
3			0035MPL	2021 09 27 11 29 20 AM	CalStd	1	8ppm		1
4			0045MPL	2021 09 27 11 30 42 AM	CalStd	2	25ppb		2
5			005 ICV d	2021 09 27 11 32 07 AM	ICV		ICV		21111
6			006 CCV	2021 09 27 11 33 32 AM	CCV		CCV		2
7			007 ICB d	2021 09 27 11 34 55 AM	ICB		ICB		1
8			008 CCB	2021 09 27 11 36 18 AM	CCB		CCB		1
9			009 ICV d	2021 09 27 11 37 41 AM	ICV		ICV		2102
10			010 CSA d	2021 09 27 11 39 03 AM	ICSA		CSA		2103
11			011 CSAB d	2021 09 27 11 40 25 AM	ICSB		CSAB		2104
12			012 SMPL	2021 09 27 11 41 47 AM	Sample		MOS TD		2105
13			013 PB d	2021 09 27 11 43 11 AM	PB		4021 7255 01		1101
14			014 LCS d	2021 09 27 11 44 33 AM	LCS		4021 7255 02		1102
15			015 AB d	2021 09 27 11 45 55 AM	Al Pal		K21 0125 001	5X	1103
16			016 Dup d	2021 09 27 11 47 17 AM	Dup		K021 7255-03	5X	1104
17			017SMPL	2021 09 27 11 48 39 AM	Sample		K21 0125 001	25X	1105
18			018 MS d	2021 09 27 11 50 01 AM	MS		K21 0125 001A	5X 1 Spike	1106
19			019 SMPL d	2021 09 27 11 51 25 AM	Sample		K021 7255 04	5X	1107
20			020SMPL	2021 09 27 11 52 48 AM	Sample		K21 0125 002	5X	1108
21			021SMPL	2021 09 27 11 54 10 AM	Sample		K21 0125 003	5X	1109
22			022SMPL	2021 09 27 11 55 32 AM	Sample		K21 0125 005	5X	1110
23			023 CCV	2021 09 27 11 56 55 AM	CCV		CCV		2
24			024 CCB	2021 09 27 11 58 17 AM	CCB		CCB		1
25			025 PB d	2021 09 27 11 59 41 AM	PB		K021 7255 01		1101
26			026SMPL	2021 09 27 12 01 06 PM	Sample		K21 0125 006	5X	1111
27			027SMPL	2021 09 27 12 02 27 PM	Sample		K21 0125 007	5X	1112
28			028SMPL	2021 09 27 12 03 49 PM	Sample		K21 0125 008	5X	1201
29			029SMPL	2021 09 27 12 05 12 PM	Sample		K21 0125 001	25X	1202
30			030SMPL	2021 09 27 12 06 35 PM	Sample		K21 0125 002	25X	1203
31			031SMPL	2021 09 27 12 08 00 PM	Sample		K21 0125 003	25X	1204
32			032SMPL	2021 09 27 12 09 22 PM	Sample		K21 0125 004	25X	1205
33			033SMPL	2021 09 27 12 10 45 PM	Sample		K21 0125 005	25X	1206
34			034SMPL	2021 09 27 12 12 07 PM	Sample		K21 0125 006	25X	1207
35			035 CCV	2021 09 27 12 13 30 PM	CCV		CCV		2
36			036 CCB	2021 09 27 12 14 54 PM	CCB		CCB		1
37			037SMPL	2021 09 27 12 16 17 PM	Sample		K21 0125 007	25X	1208
38			038SMPL	2021 09 27 12 17 40 PM	Sample		K21 0125 008	25X	1209
39			039SMPL	2021 09 27 12 19 02 PM	Sample		K21 0125 008	25X	1210
40			040SMPL	2021 09 27 12 20 25 PM	Sample		K21 0125 010	25X	1211

	Sample								
		Rpt	Data File	Acq Date Time	Type	Level	Sample Name	Comment	Vial Number
41			041 PDS.d	2021 09 27 12 21 17 PM	PDS		K21102125 001A	5X +50pp	1312
42			042 CCV	2021 09 27 12 23 11 PM	CCV		CCV		2
43			043 CCB	2021 09 27 12 24 36 PM	CCB		CCB		1
44			044 CCV	2021 09 27 12 25 58 PM	LCCV		LCCVW		2102
45			045 PB.d	2021 09 27 12 27 22 PM	PB		K21110399 01		1301
46			046 LCS.d	2021-09-27 12 28 45 PM	LCS		K21110399 02		1302
47			047 AR1.d	2021-09-27 12 34 02 PM	A Rpt		K21 10138 001	5X	1303
48			048 Dup.d	2021 09 27 12 35 54 PM	Dup		K21110399 03	5X	1304
49			049SMPL	2021 09 27 12 37 10 PM	Sample		K21 10138 001L	25X	1305
50			050 PDS.d	2021 09 27 12 38 39 PM	PDS		K21 10138 001A	5X +50pp	1306
51	*		051 SPK.d	2021 09 27 12 40 01 PM	Spike		K21 10399 04	5X	1307
52			052SMPL	2021 09 27 12 41 24 PM	Sample		K21 10132 003	5X	1308
53			053SMPL	2021 09 27 12 42 46 PM	Sample		K21 10134 006	5X	1309
54			054SMPL	2021 09 27 12 44 06 PM	Sample		K21 10134 006	5X	1310
55			055 CCV	2021 09 27 12 45 32 PM	CCV		CCV		2
56			056 CCB	2021 09 27 12 46 55 PM	CCB		CCB		1
57			057SMPL	2021 09 27 12 48 20 PM	Sample		K21 10138 007	5X	1311
58			058SMPL	2021 09 27 12 49 43 PM	Sample		K21 10138 009	5X	1312
59			059SMPL	2021 09 27 12 51 06 PM	Sample		K21 10138 001	D 5X	1313
60			060SMPL	2021 09 27 12 52 28 PM	Sample		K21 10138 002	D 5X	1402
61			061SMPL	2021 09 27 12 53 50 PM	Sample		K21 10138 003	D 5X	1403
62			062SMPL	2021 09 27 12 55 13 PM	Sample		K21 10138 004	D 5X	1404
63			063SMPL	2021-09-27 12 56 35 PM	Sample		K21 10138 005	D 5X	1405
64			064SMPL	2021-09-27 12 57 57 PM	Sample		K21 10138 006	D 5X	1406
65			065SMPL	2021-09-27 12 59 20 PM	Sample		K21 10138 007	D 5X	1407
66			066SMPL	2021 09 27 1 00 42 PM	Sample		K21 10138 008	D 5X	1408
67			067 CCV	2021 09 27 1 02 06 PM	CCV		CCV		2
68			068 CCB	2021 09 27 1 03 27 PM	CCB		CCB		1
69			069SMPL	2021 09 27 1 04 51 PM	Sample		K21 10138 009	5X	1409
70			070 CCV	2021 09 27 1 06 14 PM	CCV		CCV		2
71			071 CCB	2021 09 27 1 07 38 PM	CCB		CCB		1
72			072LCCV	2021 09 27 1 09 02 PM	LCCV		LCCVW		2102
73			073 PB.d	2021 09 27 1 10 27 PM	PB		K21 17584 01		1410
74			074 LCS.d	2021-09-27 1 11 49 PM	LCS		K21 17584 02		1411
75			075 AR1.d	2021 09 27 1 13 11 PM	A Rpt		K21 10366 001	5X	1412
76			076 Dup.d	2021-09-27 1 14 34 PM	Dup		K21 17584 03	5X	1413
77			077SMPL	2021 09 27 1 15 56 PM	Sample		K21 10156 001L	25X	1414
78			078 PDS.d	2021 09 27 1 17 19 PM	PDS		K21 10156 001A	5X +50pp	1415
79	*		079 SPK.d	2021 09 27 1 18 42 PM	Spike		K21 17584 04	5X	1416
80			080SMPL	2021 09 27 1 20 04 PM	Sample		K21 10156 003	5X	1417

	Sample								
	Inj	Type	Data File	Acq Date-Time	Type	Level	Sample Name	Comment	Vial Injected
81		[illegible]	[illegible]	2021 09 27 1 27 36 PM	Sample		K21 0356 004	5X	1506
82		[illegible]	[illegible]	2021 09 27 1 28 50 PM	Sample		K21 0356 005	5X	1507
83		[illegible]	083 CCV	2021 09 27 1 29 14 PM	CCV		CCV		2
84		[illegible]	084 CCB	2021 09 27 1 29 37 PM	CCB		CCB		1
85		[illegible]	085SMPL	2021 09 27 1 27 00 PM	Sample		K21 0356-007	5X	1508
86		[illegible]	086SMPL	2021 09 27 1 28 22 PM	Sample		K21 0356-009	5X	1509
87		[illegible]	087SMPL	2021 09 27 1 29 44 PM	Sample		K21 0356-010	5X	1510
88		[illegible]	088SMPL	2021 09 27 1 31 07 PM	Sample		K21 0356-011	5X	1511
89		[illegible]	089SMPL	2021 09 27 1 32 29 PM	Sample		K21 0356-012	5X	1512
90		[illegible]	090SMPL	2021 09 27 1 33 54 PM	Sample		K21 0356-013	5X	3101
91		[illegible]	091SMPL	2021 09 27 1 35 16 PM	Sample		K21 0356-016	5X	3102
92		[illegible]	092SMPL	2021 09 27 1 36 39 PM	Sample		K21 0356-017	25X	3103
93		[illegible]	093SMPL	2021 09 27 1 38 01 PM	Sample		K21 0356-018	5X	3104
94		[illegible]	094 CCV	2021 09 27 1 39 24 PM	CCV		CCV		2
95		[illegible]	095 CCB	2021 09 27 1 40 49 PM	CCB		CCB		1
96		[illegible]	096CCV	2021 09 27 1 42 13 PM	CCV		CCV		2482
97		[illegible]	097CCV	2021 09 27 1 43 11 PM	CCV		CCV		2129
98		[illegible]	098 PB2	2021 09 27 1 44 38 PM	PB		KQ211 7583-01		3105
99		[illegible]	099 LCS	2021 09 27 1 46 50 PM	LCS		KQ211 7583-02		3106
100		[illegible]	100 ASH 2	2021 09 27 2 35 12 PM	AshV		K21 0356-001	0.5X	3107
101		[illegible]	101 Dup 2	2021 09 27 2 36 34 PM	Dup		KQ211 7583-03	0.5X	3108
102		[illegible]	102SMPL	2021 09 27 2 37 57 PM	Sample		K21 0356-001L	0.25X	3109
103		[illegible]	103 POS 6	2021 09 27 2 39 19 PM	POS		K21 0356-007A	0.5X +SS	3110
104		[illegible]	104 SPK 6	2021 09 27 2 40 41 PM	Spike		KQ211 7583-04	0.5X	3111
105		[illegible]	105SMPL	2021 09 27 2 42 02 PM	Sample		K21 0356-002	0.5X	3112
106		[illegible]	106SMPL	2021 09 27 2 43 27 PM	Sample		K21 0356-003	0.5X	3201
107		[illegible]	107SMPL	2021 09 27 2 44 50 PM	Sample		K21 0356-004	0.5X	3202
108		[illegible]	108 CCV	2021 09 27 2 46 13 PM	CCV		CCV		2
109		[illegible]	109 CCB	2021 09 27 2 47 35 PM	CCB		CCB		1
110		[illegible]	110SMPL	2021 09 27 2 48 58 PM	Sample		K21 0356-005	0.5X	3203
111		[illegible]	111SMPL	2021 09 27 2 50 22 PM	Sample		K21 0356-006	0.5X	3204
112		[illegible]	112SMPL	2021 09 27 2 51 44 PM	Sample		K21 0356-007	0.5X	3205
113		[illegible]	113SMPL	2021 09 27 2 53 07 PM	Sample		K21 0356-008	0.5X	3206
114		[illegible]	114SMPL	2021 09 27 2 54 30 PM	Sample		K21 0356-009	0.5X	3207
115		[illegible]	115SMPL	2021 09 27 2 55 53 PM	Sample		K21 0356-010	0.5X	3208
116		[illegible]	116SMPL	2021 09 27 2 57 15 PM	Sample		K21 0356-011	0.5X	3209
117		[illegible]	117SMPL	2021 09 27 2 58 37 PM	Sample		K21 0356-012	0.5X	3210
118		[illegible]	118SMPL	2021 09 27 3 00 01 PM	Sample		K21 0356-013	0.5X	3211
119		[illegible]	119SMPL	2021 09 27 3 01 24 PM	Sample		K21 0356-014	0.5X	3212
120		[illegible]	120 CCV	2021 09 27 3 02 48 PM	CCV		CCV		2

Samples

	Sample ID	Flgd	Data File	Acq Date Time	Type	Level	Sample Name	Comment	Vial Number
121		[illegible]	[illegible] CCB	2021 09 27 3 04 [illegible] PM	CCB		CCB		1
122		[illegible]	1225SMPL	2021 09 27 3 05 34 PM	Sample		K21 10356-017	5X	3301
123		[illegible]	1235SMPL	2021 09 27 3 06 57 PM	Sample		K21 10356-018	10 5X	3302
124		[illegible]	1245SMPL	2021 09 27 3 08 19 PM	Sample		K21 10356-019	10 5X	3302
125		[illegible]	1255SMPL	2021 09 27 3 09 42 PM	Sample		K21 10356-017	10 5X	3303
126		[illegible]	1265SMPL	2021 09 27 3 11 05 PM	Sample		K21 10356-015	10 5X	3304
127		[illegible]	1275SMPL	2021 09 27 3 12 28 PM	Sample		K21 10356-019	10 5X	3305
128		[illegible]	1285SMPL	2021 09 27 3 13 51 PM	Sample		K21 10356-020	10 5X	3306
129		[illegible]	129 CCV	2021 09 27 3 15 15 PM	CCV		CCV		2
130	[illegible]	[illegible]	130 CCB	2021 09 27 3 16 37 PM	CCB		CCB		1
131		[illegible]	131 CCB	2021 09 27 3 25 53 PM	CCB		CCB		1
132		[illegible]	132LCCV	2021 09 27 3 38 38 PM	LCCV		LCCVW		2102

Analyte

	Name	Mass	ISTD	Tune Mode	Units	Replicates
1	Mn	55	72	He	ug/	3
2	Fe	56	72	He	ug/	3
3	As	75	72	He	ug/	3
4	Mo	95	115	He	ug/	3
5	Mo	95	115	He	ug/	3
6	Se	45		He		3
7	Se	82		He		3
8	[illegible]	[illegible]		He		3

US EPA Tune Check Report

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

US EPA Tune Check Report

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]
[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]
[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]
[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]
[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]
[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]

[illegible] [illegible]
[illegible] [illegible]
[illegible] [illegible]

[illegible]

[illegible]

[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]		

[illegible]

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Calibration Standard Report

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Initial Calibration Verification (ICV) Report

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Continuing Calibration Verification (CCV) Report

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QC and ID Items

Matrix	Units	Error Method	Curve	Curve Method	[illegible]	% Rec	QC Flag
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Initial Calibration Blank (ICB) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Initial Calibration Verification (LLICV) Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Duplicate Sample Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Matrix	Mass	Volume	Conc	Units	Conc RSD	DF	Spike Amt	% Rec	Flag
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Matrix	Mass	Conc Value	[illegible]	[illegible]	[illegible]	% Rec	QC Flag
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Name	Mass	[illegible]	Type	Conc	Units	Conc. RSD	CPS	QC Flag
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Name	Mass	Type Mass	CPS	CPS RSD	Int. CPS	% Rec	QC Flag
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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Prep Blank (PB) Report

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Sample Name
Test Name
Data Processing
Run Time
Sample Type
Comment
Injection Volume
Operator
Qualitative Method

Name	Mass	RT	Type	Conc	Units	Conc RSD	CIS	QC Flag
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QC RSD Table

Name	Mass	Type Mode	CIS	CIS RSD	Ref CIS	% Diff	QC Flag
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Continuing Calibration Verification (CCV) Report

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Sample Report

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Acid Digestion Spike Sample (PDS) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank [PB] Report

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Laboratory Control Sample (LCS) Report

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Duplicate Sample Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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Duplicate Sample Report

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Name	Mass	[illegible]	Type	Conc	Units	Conc. RSD	CPS	QC Flag
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Name	Mass	Line Width	CPS	[illegible]	Net CPS	% Rec	QC Flag
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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Name	Mass	[illegible]	[illegible]	Conc	[illegible]	Conc RSD	CPS	QC Flag
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Name	Mass	[illegible]	CPS	CPS RSD	Ref CPS	% Rec	QC Flag
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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Name	Mass	Type Mass	CPS	CPS RSD	Ref CPS	% Diff	QC Flag
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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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QC Analyte Table

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QC IS Table

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Low Level Continuing Calibration Verification (LLCCV) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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QC Analyte Table

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Laboratory Control Sample (LCS) Report

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Reference Sample Report

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Duplicate Sample Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Name	Mass	Type/Mass	CPS	CPS RSD	Net CPS	% Rec	CC Flag
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Continuing Calibration Verification (CCV) Report

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Contract IFQ Calibration Blank (CCB) Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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September 22, 2021

Analytical Report for Service Request No: K2110360

Jessica Goin
Anchor QEA, LLC
421 SW Sixth Ave.
Suite 750
Portland, OR 97204

RE: Grumman Road Treatability

Dear Jessica,

Enclosed are the results of the sample(s) submitted to our laboratory September 07, 2021
For your reference, these analyses have been assigned our service request number **K2110360.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3376. You may also contact me via email at Mark.Harris@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Mark Harris
Project Manager

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Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Case Narrative

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Client: Anchor QEA, LLC
Project: Grumman Road Treatability
Sample Matrix: Water

Service Request: K2110360
Date Received: 09/07/2021

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level IV requested by the client.

Sample Receipt:

Eighteen water samples were received for analysis at ALS Environmental on 09/07/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

General Chemistry:

No significant anomalies were noted with this analysis.

Approved by _____ Date 09/22/2021

Chain of Custody

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ALS Environmental

CHAIN OF CUSTODY

SDG 17-1136

REMARKS

INVOICE INFORMATION

RECEIVED BY

RELINQUISHED BY

RECEIVED BY

9-7-21 1220

CHAIN OF CUSTODY

Cooler Receipt and Preservation Form

Client Anchor Service Request K21-[illegible]

Received 9-7-21 Opened 9-7-21 By [illegible] Unpacked 9-7-21 By [illegible]

1. Sample were received via? USPS FedEx UPS DHL FOX Courier Hand Delivered
2. Samples were received in: (circle) Cooler Box Envelope Other N/A
3. Were custody seals on coolers? N/A Y N If yes, how many and where?
   If present, were custody seals intact? Y N Were they signed and dated? Y N
4. Was a temperature blank present in cooler? N/A Y N If yes, notate the temperature in the appropriate column below
   If not, take the temperature of a representative sample bottle contained within the cooler noted in the column "Sample Temp"
5. Were samples received within the method specified temperature ranges? N/A Y N
   If no, were they received on ice and same day as collected? If not, notate the reason in the cooler # below and notify the PM N/A Y N

If applicable, were samples cold upon arrival Always Partially Thawed Thawed

Temp Blank	Sample Temp	IR Gun	Cooler #/COC # (circle)	Out of Temp (indicate with "X")	PM Notified if out of temp	Tracking Number (circle)	Initial
4.4		1001					

6. Packing material: Peanuts Bubble Wrap Foil Packs Towel Dry Ice Sleeves
7. Were custody papers properly filled out (ink, signed, etc.)? N/A Y N
8. Were sample labels complete (analysis, preservation, etc.)? N/A Y N
9. Did all sample labels and tags agree with custody papers? N/A Y N
10. Were correct sample bottles, containers and volumes received for the tests indicated? N/A Y N
11. Were pH dependent bottles (see SW846) or 608 received at the appropriate pH? Indicate in the table below N/A Y N
12. Were VOA vials received without headspace? Indicate in the table below N/A Y N
13. Was C12/Res negative? N/A Y N

Sample ID on Bottle	Sample ID on COC	Identified by

Sample ID	Bottle Count Bottle Type	Preservative	Broke	pH	Residual	Volume added	Reagent Lot Number	Initials	Time

Notes, Discrepancies, Resolutions

General Chemistry

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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/3/21
Sample Matrix:	Water	**Date Received:**	09/7/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Sulfate

Sample Name	Lab Code	Result	MRL	MDL	Dil.	Date Analyzed	Q
GR_GWC_20_223	K2110360-001	**984**	40	4	200	09/20/21 15:07	
GR_GWC_20_1223	K2110360-002	**979**	40	4	200	09/20/21 15:19	
GR_GWC_20_323	K2110360-003	**1030**	40	4	200	09/20/21 15:30	
GR_GWC_20_124	K2110360-005	**962**	40	4	200	09/20/21 15:42	
GR_GWC_20_224	K2110360-007	**986**	40	4	200	09/20/21 16:17	
GR_GWC_20_1224	K2110360-008	**997**	40	4	200	09/20/21 16:28	
GR_GWC_20_324	K2110360-009	**1040**	40	4	200	09/20/21 16:40	
GR_GWC_20_125	K2110360-011	**1060**	40	4	200	09/20/21 16:52	
GR_GWC_20_225	K2110360-013	**1070**	40	4	200	09/20/21 17:03	
GR_GWC_20_1225	K2110360-014	**1080**	40	4	200	09/20/21 17:15	
GR_GWC_20_325	K2110360-015	**1120**	40	4	200	09/20/21 17:26	
GR_GWC_20_015	K2110360-017	**993**	40	4	200	09/20/21 17:38	
GR_GWC_20_1015	K2110360-018	**967**	40	4	200	09/20/21 17:57	
Method Blank	K2110360-MB1	ND U	0.20	0.02	1	09/20/21 12:04	
Method Blank	K2110360-MB2	ND U	0.20	0.02	1	09/20/21 21:04	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Analyzed:**	09/20/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Sulfate

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	739272

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2110360-LCS1	4.73	5.00	95	90-110
Lab Control Sample	K2110360-LCS2	4.86	5.00	97	90-110

Client: Anchor QEA, LLC **Service Request:** K2110360
Project: Grumman Road Treatability

Continuing Calibration Verification (CCV) Summary

Sulfate

Analysis Method: 300.0 **Units:** mg/L

	Analysis Lot	Lab Code	Date Analyzed	True Value	Measured Value	Percent Recovery	Acceptance Limits
CCV1	739272	KQ2118408-01	09/20/21 11:30	5.00	4.75	95	90-110
CCV2	739272	KQ2118408-02	09/20/21 15:54	5.00	4.91	98	90-110
CCV3	739272	KQ2118408-03	09/20/21 18:21	5.00	4.92	98	90-110
CCV4	739272	KQ2118408-04	09/20/21 20:41	5.00	4.61	92	90-110
CCV5	739272	KQ2118408-05	09/20/21 23:01	5.00	4.69	94	90-110
CCV6	739272	KQ2118408-06	09/21/21 00:57	5.00	4.97	99	90-110

Client: Anchor QEA, LLC **Service Request:**K2110360
Project: Grumman Road Treatability

Continuing Calibration Blank (CCB) Summary
Sulfate

Analysis Method: 300.0 **Units:**mg/L

	Analysis Lot	Lab Code	Date Analyzed	MRL	MDL	Result	Q
CCB1	739272	KQ2118408-07	09/20/21 11:41	0.20	0.02	ND	U
CCB2	739272	KQ2118408-08	09/20/21 16:05	0.20	0.02	ND	U
CCB3	739272	KQ2118408-09	09/20/21 18:32	0.20	0.02	ND	U
CCB4	739272	KQ2118408-10	09/20/21 20:52	0.20	0.02	ND	U
CCB5	739272	KQ2118408-11	09/20/21 23:13	0.20	0.02	ND	U
CCB6	739272	KQ2118408-12	09/21/21 01:09	0.20	0.02	ND	U

Metals

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 14:00
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_223	**Basis:**	NA
Lab Code:	K2110360-001		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**176**	ug/L	2.5	0.5	5	09/20/21 15:13	09/13/21	
Iron	6020A	**139**	ug/L	10	2	5	09/20/21 15:13	09/13/21	
Molybdenum	6020A	**569**	ug/L	0.50	0.15	5	09/20/21 15:13	09/13/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 14:00
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_223	**Basis:**	NA
Lab Code:	K2110360-001		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**214**	ug/L	2.5	0.5	5	09/20/21 15:56	09/13/21	
Iron	6020A	**260**	ug/L	10	2	5	09/20/21 15:56	09/13/21	
Molybdenum	6020A	**555**	ug/L	0.50	0.15	5	09/20/21 15:56	09/13/21	

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dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 14:05
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_1223	**Basis:**	NA
Lab Code:	K2110360-002		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**170**	ug/L	2.5	0.5	5	09/20/21 15:20	09/13/21	
Iron	6020A	**130**	ug/L	10	2	5	09/20/21 15:20	09/13/21	
Molybdenum	6020A	**563**	ug/L	0.50	0.15	5	09/20/21 15:20	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 14:05
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_1223	**Basis:**	NA
Lab Code:	K2110360-002		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**218**	ug/L	2.5	0.5	5	09/20/21 16:03	09/13/21	
Iron	6020A	**269**	ug/L	10	2	5	09/20/21 16:03	09/13/21	
Molybdenum	6020A	**566**	ug/L	0.50	0.15	5	09/20/21 16:03	09/13/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 14:10
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_323	**Basis:**	NA
Lab Code:	K2110360-003		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**142**	ug/L	2.5	0.5	5	09/20/21 15:22	09/13/21	
Iron	6020A	**29**	ug/L	10	2	5	09/20/21 15:22	09/13/21	
Molybdenum	6020A	**567**	ug/L	0.50	0.15	5	09/20/21 15:22	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 14:10
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_323	**Basis:**	NA
Lab Code:	K2110360-003		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**237**	ug/L	2.5	0.5	5	09/20/21 16:04	09/13/21	
Iron	6020A	**345**	ug/L	10	2	5	09/20/21 16:04	09/13/21	
Molybdenum	6020A	**580**	ug/L	0.50	0.15	5	09/20/21 16:04	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 14:15
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_1323	**Basis:**	NA
Lab Code:	K2110360-004		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**143**	ug/L	2.5	0.5	5	09/20/21 15:23	09/13/21	
Iron	6020A	**32**	ug/L	10	2	5	09/20/21 15:23	09/13/21	
Molybdenum	6020A	**574**	ug/L	0.50	0.15	5	09/20/21 15:23	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 14:45
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_124	**Basis:**	NA
Lab Code:	K2110360-005		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**24.3**	ug/L	2.5	0.5	5	09/20/21 15:27	09/13/21	
Iron	6020A	**90**	ug/L	10	2	5	09/20/21 15:27	09/13/21	
Molybdenum	6020A	**561**	ug/L	0.50	0.15	5	09/20/21 15:27	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 14:45
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_124	**Basis:**	NA
Lab Code:	K2110360-005		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**88.6**	ug/L	2.5	0.5	5	09/20/21 16:06	09/13/21	
Iron	6020A	**732**	ug/L	10	2	5	09/20/21 16:06	09/13/21	
Molybdenum	6020A	**556**	ug/L	0.50	0.15	5	09/20/21 16:06	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 14:50
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_1124	**Basis:**	NA
Lab Code:	K2110360-006		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**23.2**	ug/L	2.5	0.5	5	09/20/21 15:29	09/13/21	
Iron	6020A	**97**	ug/L	10	2	5	09/20/21 15:29	09/13/21	
Molybdenum	6020A	**567**	ug/L	0.50	0.15	5	09/20/21 15:29	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 15:00
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_224	**Basis:**	NA
Lab Code:	K2110360-007		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**20.0**	ug/L	2.5	0.5	5	09/20/21 15:30	09/13/21	
Iron	6020A	**58**	ug/L	10	2	5	09/20/21 15:30	09/13/21	
Molybdenum	6020A	**554**	ug/L	0.50	0.15	5	09/20/21 15:30	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 15:00
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_224	**Basis:**	NA
Lab Code:	K2110360-007		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**53.3**	ug/L	2.5	0.5	5	09/20/21 16:10	09/13/21	
Iron	6020A	**401**	ug/L	10	2	5	09/20/21 16:10	09/13/21	
Molybdenum	6020A	**551**	ug/L	0.50	0.15	5	09/20/21 16:10	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 15:05
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_1224	**Basis:**	NA
Lab Code:	K2110360-008		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**20.4**	ug/L	2.5	0.5	5	09/20/21 15:31	09/13/21	
Iron	6020A	**98**	ug/L	10	2	5	09/20/21 15:31	09/13/21	
Molybdenum	6020A	**560**	ug/L	0.50	0.15	5	09/20/21 15:31	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 15:05
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_1224	**Basis:**	NA
Lab Code:	K2110360-008		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**71.9**	ug/L	2.5	0.5	5	09/20/21 16:11	09/13/21	
Iron	6020A	**664**	ug/L	10	2	5	09/20/21 16:11	09/13/21	
Molybdenum	6020A	**545**	ug/L	0.50	0.15	5	09/20/21 16:11	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 15:15
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_324	**Basis:**	NA
Lab Code:	K2110360-009		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**14.7**	ug/L	2.5	0.5	5	09/20/21 15:33	09/13/21	
Iron	6020A	**34**	ug/L	10	2	5	09/20/21 15:33	09/13/21	
Molybdenum	6020A	**573**	ug/L	0.50	0.15	5	09/20/21 15:33	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 15:15
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_324	**Basis:**	NA
Lab Code:	K2110360-009		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**114**	ug/L	2.5	0.5	5	09/20/21 16:13	09/13/21	
Iron	6020A	**1380**	ug/L	10	2	5	09/20/21 16:13	09/13/21	
Molybdenum	6020A	**567**	ug/L	0.50	0.15	5	09/20/21 16:13	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 15:20
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_1324	**Basis:**	NA
Lab Code:	K2110360-010		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**25.3**	ug/L	2.5	0.5	5	09/20/21 15:34	09/13/21	
Iron	6020A	**162**	ug/L	10	2	5	09/20/21 15:34	09/13/21	
Molybdenum	6020A	**581**	ug/L	0.50	0.15	5	09/20/21 15:34	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 15:40
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_125	**Basis:**	NA
Lab Code:	K2110360-011		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**1.7 J**	ug/L	2.5	0.5	5	09/20/21 15:35	09/13/21	
Iron	6020A	**81**	ug/L	10	2	5	09/20/21 15:35	09/13/21	
Molybdenum	6020A	**383**	ug/L	0.50	0.15	5	09/20/21 15:35	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 15:40
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_125	**Basis:**	NA
Lab Code:	K2110360-011		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**14.7**	ug/L	2.5	0.5	5	09/20/21 16:14	09/13/21	
Iron	6020A	**1400**	ug/L	10	2	5	09/20/21 16:14	09/13/21	
Molybdenum	6020A	**407**	ug/L	0.50	0.15	5	09/20/21 16:14	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 15:45
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_1125	**Basis:**	NA
Lab Code:	K2110360-012		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**1.3 J**	ug/L	2.5	0.5	5	09/20/21 15:37	09/13/21	
Iron	6020A	**52**	ug/L	10	2	5	09/20/21 15:37	09/13/21	
Molybdenum	6020A	**395**	ug/L	0.50	0.15	5	09/20/21 15:37	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 15:55
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_225	**Basis:**	NA
Lab Code:	K2110360-013		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**1.2 J**	ug/L	2.5	0.5	5	09/20/21 15:38	09/13/21	
Iron	6020A	**29**	ug/L	10	2	5	09/20/21 15:38	09/13/21	
Molybdenum	6020A	**394**	ug/L	0.50	0.15	5	09/20/21 15:38	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 15:55
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_225	**Basis:**	NA
Lab Code:	K2110360-013		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**16.6**	ug/L	2.5	0.5	5	09/20/21 16:15	09/13/21	
Iron	6020A	**1590**	ug/L	10	2	5	09/20/21 16:15	09/13/21	
Molybdenum	6020A	**399**	ug/L	0.50	0.15	5	09/20/21 16:15	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 16:00
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_1225	**Basis:**	NA
Lab Code:	K2110360-014		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**2.3 J**	ug/L	2.5	0.5	5	09/20/21 15:40	09/13/21	
Iron	6020A	**128**	ug/L	10	2	5	09/20/21 15:40	09/13/21	
Molybdenum	6020A	**380**	ug/L	0.50	0.15	5	09/20/21 15:40	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 16:00
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_1225	**Basis:**	NA
Lab Code:	K2110360-014		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**26.5**	ug/L	2.5	0.5	5	09/20/21 16:17	09/13/21	
Iron	6020A	**2450**	ug/L	10	2	5	09/20/21 16:17	09/13/21	
Molybdenum	6020A	**411**	ug/L	0.50	0.15	5	09/20/21 16:17	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 16:05
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_325	**Basis:**	NA
Lab Code:	K2110360-015		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**1.5**	**J**	ug/L	2.5	0.5	5	09/20/21 15:44	09/13/21	
Iron	6020A	**10**	**J**	ug/L	10	2	5	09/20/21 15:44	09/13/21	
Molybdenum	6020A	**403**		ug/L	0.50	0.15	5	09/20/21 15:44	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 16:05
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_325	**Basis:**	NA
Lab Code:	K2110360-015		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**28.5**	ug/L	2.5	0.5	5	09/20/21 16:18	09/13/21	
Iron	6020A	**2720**	ug/L	10	2	5	09/20/21 16:18	09/13/21	
Molybdenum	6020A	**408**	ug/L	0.50	0.15	5	09/20/21 16:18	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 16:10
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_1325	**Basis:**	NA
Lab Code:	K2110360-016		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**1.5**	**J**	ug/L	2.5	0.5	5	09/20/21 15:45	09/13/21	
Iron	6020A	**9**	**J**	ug/L	10	2	5	09/20/21 15:45	09/13/21	
Molybdenum	6020A	**391**		ug/L	0.50	0.15	5	09/20/21 15:45	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 08:00
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_015	**Basis:**	NA
Lab Code:	K2110360-017		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**178**	ug/L	2.5	0.5	5	09/20/21 15:46	09/13/21	
Iron	6020A	**137**	ug/L	10	2	5	09/20/21 15:46	09/13/21	
Manganese	6020A	**116**	ug/L	1.0	0.2	5	09/20/21 15:46	09/13/21	
Molybdenum	6020A	**559**	ug/L	0.50	0.15	5	09/20/21 15:46	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 08:00
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_015	**Basis:**	NA
Lab Code:	K2110360-017		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**202**	ug/L	2.5	0.5	5	09/20/21 16:20	09/13/21	
Iron	6020A	**213**	ug/L	10	2	5	09/20/21 16:20	09/13/21	
Molybdenum	6020A	**556**	ug/L	0.50	0.15	5	09/20/21 16:20	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 08:05
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_1015	**Basis:**	NA
Lab Code:	K2110360-018		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**177**	ug/L	2.5	0.5	5	09/20/21 15:48	09/13/21	
Iron	6020A	**133**	ug/L	10	2	5	09/20/21 15:48	09/13/21	
Manganese	6020A	**109**	ug/L	1.0	0.2	5	09/20/21 15:48	09/13/21	
Molybdenum	6020A	**561**	ug/L	0.50	0.15	5	09/20/21 15:48	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21 08:05
Sample Matrix:	Water	**Date Received:**	09/07/21 12:20
Sample Name:	GR_GWC_20_1015	**Basis:**	NA
Lab Code:	K2110360-018		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	**200**	ug/L	2.5	0.5	5	09/20/21 16:21	09/13/21	
Iron	6020A	**220**	ug/L	10	2	5	09/20/21 16:21	09/13/21	
Molybdenum	6020A	**540**	ug/L	0.50	0.15	5	09/20/21 16:21	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2117586-01		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	0.50	0.09	1	09/20/21 15:11	09/13/21	
Iron	6020A	ND	U	ug/L	2.0	0.3	1	09/20/21 15:11	09/13/21	
Manganese	6020A	ND	U	ug/L	0.20	0.04	1	09/20/21 15:11	09/13/21	
Molybdenum	6020A	ND	U	ug/L	0.10	0.03	1	09/20/21 15:11	09/13/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2117587-01		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6020A	ND	U	ug/L	0.50	0.09	1	09/20/21 15:53	09/13/21	
Iron	6020A	ND	U	ug/L	2.0	0.3	1	09/20/21 15:53	09/13/21	
Molybdenum	6020A	ND	U	ug/L	0.10	0.03	1	09/20/21 15:53	09/13/21	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project	Grumman Road Treatability	**Date Collected:**	09/03/21
Sample Matrix:	Water	**Date Received:**	09/07/21
		Date Analyzed:	09/20/21

Replicate Sample Summary
Dissolved Metals

Sample Name:	GR_GWC_20_223	**Units:**	ug/L
Lab Code:	K2110360-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2117586-03 Result	Average	RPD	RPD Limit
Arsenic	6020A	2.5	0.5	176	174	175	1	20
Iron	6020A	10	2	139	136	138	2	20
Manganese	6020A	1.0	0.2	110	108	109	2	20
Molybdenum	6020A	0.50	0.15	569	565	567	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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Superset Reference:

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project	Grumman Road Treatability	**Date Collected:**	09/03/21
Sample Matrix:	Water	**Date Received:**	09/07/21
		Date Analyzed:	09/20/21

Replicate Sample Summary
Total Metals

Sample Name:	GR_GWC_20_223	**Units:**	ug/L
Lab Code:	K2110360-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2117587-04 Result	Average	RPD	RPD Limit
Arsenic	6020A	2.5	0.5	214	212	213	<1	20
Iron	6020A	10	2	260	256	258	2	20
Molybdenum	6020A	0.50	0.15	555	557	556	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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Superset Reference:

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21
Sample Matrix:	Water	**Date Received:**	09/07/21
		Date Analyzed:	09/20/21
		Date Extracted:	09/13/21

Matrix Spike Summary
Dissolved Metals

Sample Name:	GR_GWC_20_223	**Units:**	ug/L
Lab Code:	K2110360-001	**Basis:**	NA
Analysis Method:	6020A		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2117586-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	176	224	50.0	95	75-125
Iron	139	186	50	95	75-125
Manganese	110	133	25.0	91 #	75-125
Molybdenum	569	588	25.0	75 #	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Collected:**	09/03/21
Sample Matrix:	Water	**Date Received:**	09/07/21
		Date Analyzed:	09/20/21
		Date Extracted:	09/13/21

Matrix Spike Summary
Total Metals

Sample Name:	GR_GWC_20_223	**Units:**	ug/L
Lab Code:	K2110360-001	**Basis:**	NA
Analysis Method:	6020A		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2117587-03

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	214	265	50.0	102 #	75-125
Iron	260	317	50	114 #	75-125
Molybdenum	555	597	25.0	168 #	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Analyzed:**	09/20/21
Sample Matrix:	Water		

Lab Control Sample Summary
Dissolved Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2117586-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6020A	50.6	50.0	101	80-120
Iron	6020A	50.7	50.0	101	80-120
Manganese	6020A	24.4	25.0	97	80-120
Molybdenum	6020A	26.5	25.0	106	80-120

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2110360
Project:	Grumman Road Treatability	**Date Analyzed:**	09/20/21
Sample Matrix:	Water		

Lab Control Sample Summary
Total Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2117587-02

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6020A	49.0	50.0	98	80-120
Iron	6020A	49.4	50.0	99	80-120
Molybdenum	6020A	26.1	25.0	104	80-120

ALS Group USA, Corp.
dba ALS Environmental

Prep Summary Report

Client: Anchor QEA, LLC **Service Request:** K2110360
Project: Grumman Road Treatability
Sample Matrix: Water

Metals

Prep Method: EPA CLP ILM04.0 **Extraction Lot:** 387077
Analytical Method: 6020A **Extraction Date:** 09/13/21 09:34

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Amount	Percent Solids
GR_GWC_20_223	K2110360-001	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_1223	K2110360-002	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_323	K2110360-003	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_1323	K2110360-004	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_124	K2110360-005	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_1124	K2110360-006	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_224	K2110360-007	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_1224	K2110360-008	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_324	K2110360-009	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_1324	K2110360-010	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_125	K2110360-011	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_1125	K2110360-012	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_225	K2110360-013	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_1225	K2110360-014	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_325	K2110360-015	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_1325	K2110360-016	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_015	K2110360-017	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_1015	K2110360-018	9/3/21	9/7/21	10 mL	10 mL	
Method Blank	KQ2117586-01MB	NA	NA	10 mL	10 mL	
Lab Control Sample	KQ2117586-02LCS	NA	NA	10 mL	10.3 mL	
Duplicate	KQ2117586-03DUP	9/3/21	9/7/21	10 mL	10 mL	
Matrix Spike	KQ2117586-04MS	9/3/21	9/7/21	10 mL	10.3 mL	

ALS Group USA, Corp.
dba ALS Environmental

Prep Summary Report

Client: Anchor QEA, LLC **Service Request:** K2110360
Project: Grumman Road Treatability
Sample Matrix: Water

Metals

Prep Method: EPA CLP ILM04.0 **Extraction Lot:** 387078
Analytical Method: 6020A **Extraction Date:** 09/13/21 09:34

Sample Name	Lab Code	Date Collected	Date Received	Sample Amount	Final Amount	Percent Solids
GR_GWC_20_223	K2110360-001	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_1223	K2110360-002	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_323	K2110360-003	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_124	K2110360-005	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_224	K2110360-007	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_1224	K2110360-008	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_324	K2110360-009	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_125	K2110360-011	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_225	K2110360-013	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_1225	K2110360-014	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_325	K2110360-015	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_015	K2110360-017	9/3/21	9/7/21	10 mL	10 mL	
GR_GWC_20_1015	K2110360-018	9/3/21	9/7/21	10 mL	10 mL	
Method Blank	KQ2117587-01MB	NA	NA	10 mL	10 mL	
Lab Control Sample	KQ2117587-02LCS	NA	NA	10 mL	10.3 mL	
Matrix Spike	KQ2117587-03MS	9/3/21	9/7/21	10 mL	10.3 mL	
Duplicate	KQ2117587-04DUP	9/3/21	9/7/21	10 mL	10 mL	

Client: Anchor QEA, LLC **Service Request:** K2110360
Project: Grumman Road Treatability

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits
ICV 09/20/21 14:12						
Arsenic	6020A	739349	23.7	25.0	95	90-110
Iron	6020A	739349	48.1	50.0	96	90-110
Molybdenum	6020A	739349	24.5	25.0	98	90-110
Manganese	6020A	739349	23.3	25.0	93	90-110
CCV 09/20/21 14:14						
Arsenic	6020A	739349	25.3	25.0	101	90-110
Iron	6020A	739349	250	250	100	90-110
Molybdenum	6020A	739349	12.7	12.5	101	90-110
Manganese	6020A	739349	24.7	25.0	99	90-110
CCV 09/20/21 14:46						
Arsenic	6020A	739349	25.5	25.0	102	90-110
Iron	6020A	739349	253	250	101	90-110
Molybdenum	6020A	739349	12.6	12.5	101	90-110
Manganese	6020A	739349	25.0	25.0	100	90-110
CCV 09/20/21 15:02						
Arsenic	6020A	739349	25.6	25.0	103	90-110
Iron	6020A	739349	254	250	102	90-110
Molybdenum	6020A	739349	12.7	12.5	102	90-110
Manganese	6020A	739349	25.6	25.0	102	90-110
CCV 09/20/21 15:06						
Arsenic	6020A	739349	25.5	25.0	102	90-110
Iron	6020A	739349	256	250	102	90-110
Molybdenum	6020A	739349	12.6	12.5	100	90-110
Manganese	6020A	739349	25.6	25.0	103	90-110
CCV 09/20/21 15:24						
Arsenic	6020A	739349	25.5	25.0	102	90-110
Iron	6020A	739349	251	250	101	90-110
Molybdenum	6020A	739349	12.9	12.5	103	90-110
Manganese	6020A	739349	24.7	25.0	99	90-110
CCV 09/20/21 15:41						
Arsenic	6020A	739349	25.3	25.0	101	90-110
Iron	6020A	739349	250	250	100	90-110
Molybdenum	6020A	739349	12.7	12.5	102	90-110
Manganese	6020A	739349	25.5	25.0	102	90-110
CCV 09/20/21 15:49						
Arsenic	6020A	739349	25.9	25.0	103	90-110

Client: Anchor QEA, LLC **Service Request:** K2110360
Project: Grumman Road Treatability

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits
CCV 09/20/21 15:49						
Iron	6020A	739349	252	250	101	90-110
Molybdenum	6020A	739349	12.6	12.5	101	90-110
Manganese	6020A	739349	24.8	25.0	99	90-110
CCV 09/20/21 16:07						
Arsenic	6020A	739349	25.6	25.0	102	90-110
Iron	6020A	739349	251	250	100	90-110
Molybdenum	6020A	739349	12.7	12.5	102	90-110
Manganese	6020A	739349	24.8	25.0	99	90-110
CCV 09/20/21 16:22						
Arsenic	6020A	739349	25.7	25.0	103	90-110
Iron	6020A	739349	255	250	102	90-110
Molybdenum	6020A	739349	12.7	12.5	102	90-110
Manganese	6020A	739349	25.5	25.0	102	90-110

Client: Anchor QEA, LLC **Service Request:** K2110360
Project: Grumman Road Treatability

INITIAL AND CONTINUING CALIBRATION BLANKS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	C
ICB 09/20/21 14:15				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
Manganese	6020A	739349	0.04	U
CCB 09/20/21 14:16				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
Manganese	6020A	739349	0.04	U
CCB 09/20/21 14:47				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
Manganese	6020A	739349	0.04	U
CCB 09/20/21 15:04				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
Manganese	6020A	739349	0.04	U
CCB 09/20/21 15:08				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
Manganese	6020A	739349	0.04	U
CCB 09/20/21 15:26				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
Manganese	6020A	739349	0.04	U
CCB 09/20/21 15:42				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
Manganese	6020A	739349	0.04	U
CCB 09/20/21 15:51				
Arsenic	6020A	739349	0.09	U

Client: Anchor QEA, LLC **Service Request:** K2110360
Project: Grumman Road Treatability

INITIAL AND CONTINUING CALIBRATION BLANKS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	C
CCB 09/20/21 15:51				
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
Manganese	6020A	739349	0.04	U
CCB 09/20/21 16:09				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
Manganese	6020A	739349	0.04	U
CCB 09/20/21 16:24				
Arsenic	6020A	739349	0.09	U
Iron	6020A	739349	0.3	U
Molybdenum	6020A	739349	0.03	U
Manganese	6020A	739349	0.04	U

Client: Anchor QEA, LLC **Service Request:** K2110360
Project: Grumman Road Treatability

LOW LEVEL INITIAL AND LOW LEVEL CONTINUING CALIBRATION VERIFICATION

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
LLICV							
Arsenic	6020A	739349	0.50	0.5	101	70-130	09/20/21 14:18
Iron	6020A	739349	2.3	2.0	116	70-130	09/20/21 14:18
Molybdenum	6020A	739349	0.098	0.1	98	70-130	09/20/21 14:18
Manganese	6020A	739349	0.21	0.2	105	70-130	09/20/21 14:18
LLCCV							
Arsenic	6020A	739349	0.52	0.5	104	70-130	09/20/21 15:09
Iron	6020A	739349	2.3	2.0	114	70-130	09/20/21 15:09
Molybdenum	6020A	739349	0.10	0.1	100	70-130	09/20/21 15:09
Manganese	6020A	739349	0.19	0.2	96	70-130	09/20/21 15:09
LLCCV							
Arsenic	6020A	739349	0.52	0.5	104	70-130	09/20/21 15:52
Iron	6020A	739349	2.2	2.0	112	70-130	09/20/21 15:52
Molybdenum	6020A	739349	0.10	0.1	104	70-130	09/20/21 15:52
Manganese	6020A	739349	0.23	0.2	116	70-130	09/20/21 15:52
LLCCV							
Arsenic	6020A	739349	0.54	0.5	108	70-130	09/20/21 16:25
Iron	6020A	739349	2.4	2.0	118	70-130	09/20/21 16:25
Molybdenum	6020A	739349	0.10	0.1	101	70-130	09/20/21 16:25
Manganese	6020A	739349	0.23	0.2	116	70-130	09/20/21 16:25

Client: Anchor QEA, LLC **Service Request:** K2110360
Project: Grumman Road Treatability

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSA **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Arsenic	6020A	739349	0.18	-	-	-	09/20/21 14:19
Iron	6020A	739349	47000	-	-	-	09/20/21 14:19
Molybdenum	6020A	739349	49.8	-	-	-	09/20/21 14:19
Manganese	6020A	739349	0.92	-	-	-	09/20/21 14:19

Client: Anchor QEA, LLC **Service Request:** K2110360
Project: Grumman Road Treatability

ICP INTERFERENCE CHECK SAMPLE

Sample ID ICSAB **Concentration Units:** ug/L

Analyte	Method	Analysis Batch:	Result	True Value	% Rec	% Rec. Limits	Analysis Date
Arsenic	6020A	739349	24.0	25.0	96	80-120	09/20/21 14:20
Iron	6020A	739349	47200	-	-	-	09/20/21 14:20
Molybdenum	6020A	739349	50.1	-	-	-	09/20/21 14:20
Manganese	6020A	739349	49.0	50.0	98	80-120	09/20/21 14:20

Client: Anchor QEA, LLC **Service Request:** K2110360
Project: Grumman Road Treatability

POST SPIKE SAMPLE RECOVERY

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Post Spike Result	True Value	% Rec	% Rec. Limits	Analysis Date
K2110360-001A								
Manganese	6020A	739349	22.0	71.5	50.0	99	80-120	09/20/21 15:17
Arsenic	6020A	739349	42.9	93.5	50.0	101	80-120	09/20/21 16:00
Iron	6020A	739349	52	102	50	99	80-120	09/20/21 16:00
Molybdenum	6020A	739349	111	166	50.0	109	80-120	09/20/21 16:00

Results flagged with a pound (#) indicate the control criteria is not applicable.

Client: Anchor QEA, LLC **Service Request:** K2110360
Project: Grumman Road Treatability

ICP SERIAL DILUTIONS

Concentration Units: ug/L

Sample ID / Analyte	Method	Analysis Batch:	Initial Sample Result	Serial Dillution Result	% Diff	% Diff. Limit	Analysis Date
K2110360-001SDL							
Manganese	6020A	739349	110	111	1	10	09/20/21 15:16
Arsenic	6020A	739349	214	209	3	10	09/20/21 15:59
Iron	6020A	739349	260	260	0	10	09/20/21 15:59
Molybdenum	6020A	739349	555	542	2	10	09/20/21 15:59

Client: Anchor QEA, LLC **Service Request:** K2110360
Project: Grumman Road Treatability/

Detection Limits

Instrument: K-ICP-MS-06 **Matrix:** Water

Analyte	Mass	Units	MRL	MDL	Method
Arsenic	75	ug/L	0.5	0.09	6020A
Iron	56	ug/L	2	0.3	6020A
Manganese	55	ug/L	0.2	0.04	6020A
Molybdenum	95	ug/L	0.1	0.03	6020A

Client: Anchor QEA, LLC **Service Request:** K2110360
Project: Grumman Road Treatability/

ICP Linear Range (Quarterly)

Instrument: K-ICP-MS-06

Analyte	Concentration (ug/L)	Method
Arsenic 75	4500	6020A
Iron 56	45000	6020A
Manganese 55	9000	6020A
Molybdenum 95	4500	6020A

Client: Anchor QEA, LLC **Service Request:** K2110360
Project: Grumman Road Treatability/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **739349**

Sample	Dilution Factor	Date/Time	As	Fe	Mn	Mo
ZZZZZZ	1	09/20/21 14:09				
ZZZZZZ	1	09/20/21 14:11				
ICV	1	09/20/21 14:12	X	X	X	X
CCV	1	09/20/21 14:14	X	X	X	X
ICB	1	09/20/21 14:15	X	X	X	X
CCB	1	09/20/21 14:16	X	X	X	X
LLICVW	1	09/20/21 14:18	X	X	X	X
ICSA	1	09/20/21 14:19	X	X	X	X
ICSAB	1	09/20/21 14:20	X	X	X	X
ZZZZZZ	1	09/20/21 14:22				
ZZZZZZ	1	09/20/21 14:32				
ZZZZZZ	1	09/20/21 14:33				
ZZZZZZ	5	09/20/21 14:35				
ZZZZZZ	5	09/20/21 14:36				
ZZZZZZ	25	09/20/21 14:37				
ZZZZZZ	5	09/20/21 14:39				
ZZZZZZ	5	09/20/21 14:40				
ZZZZZZ	5	09/20/21 14:41				
ZZZZZZ	5	09/20/21 14:43				
ZZZZZZ	5	09/20/21 14:44				
CCV	1	09/20/21 14:46	X	X	X	X
CCB	1	09/20/21 14:47	X	X	X	X
ZZZZZZ	5	09/20/21 14:48				
ZZZZZZ	5	09/20/21 14:50				
ZZZZZZ	5	09/20/21 14:51				
ZZZZZZ	5	09/20/21 14:53				
ZZZZZZ	5	09/20/21 14:54				
ZZZZZZ	5	09/20/21 14:55				
ZZZZZZ	5	09/20/21 14:57				
ZZZZZZ	5	09/20/21 14:58				
ZZZZZZ	5	09/20/21 15:00				
ZZZZZZ	5	09/20/21 15:01				
CCV	1	09/20/21 15:02	X	X	X	X
CCB	1	09/20/21 15:04	X	X	X	X
ZZZZZZ	5	09/20/21 15:05				
CCV	1	09/20/21 15:06	X	X	X	X
CCB	1	09/20/21 15:08	X	X	X	X

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Anchor QEA, LLC **Service Request:** K2110360
Project: Grumman Road Treatability/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **739349**

Sample	Dilution Factor	Date/Time	As	Fe	Mn	Mo
LLCCVW	1	09/20/21 15:09	X	X	X	X
KQ2117586-01MB	1	09/20/21 15:11	X	X	X	X
KQ2117586-02LCS	1	09/20/21 15:12	X	X	X	X
K2110360-001	5	09/20/21 15:13	X	X		X
K2110360-001DUP	5	09/20/21 15:15	X	X	X	X
K2110360-001SDL	25	09/20/21 15:16	X	X	X	X
K2110360-001PS	5	09/20/21 15:17	X	X	X	X
K2110360-001MS	5	09/20/21 15:19	X	X	X	X
K2110360-002	5	09/20/21 15:20	X	X		X
K2110360-003	5	09/20/21 15:22	X	X		X
K2110360-004	5	09/20/21 15:23	X	X		X
CCV	1	09/20/21 15:24	X	X	X	X
CCB	1	09/20/21 15:26	X	X	X	X
K2110360-005	5	09/20/21 15:27	X	X		X
K2110360-006	5	09/20/21 15:29	X	X		X
K2110360-007	5	09/20/21 15:30	X	X		X
K2110360-008	5	09/20/21 15:31	X	X		X
K2110360-009	5	09/20/21 15:33	X	X		X
K2110360-010	5	09/20/21 15:34	X	X		X
K2110360-011	5	09/20/21 15:35	X	X		X
K2110360-012	5	09/20/21 15:37	X	X		X
K2110360-013	5	09/20/21 15:38	X	X		X
K2110360-014	5	09/20/21 15:40	X	X		X
CCV	1	09/20/21 15:41	X	X	X	X
CCB	1	09/20/21 15:42	X	X	X	X
K2110360-015	5	09/20/21 15:44	X	X		X
K2110360-016	5	09/20/21 15:45	X	X		X
K2110360-017	5	09/20/21 15:46	X	X	X	X
K2110360-018	5	09/20/21 15:48	X	X	X	X
CCV	1	09/20/21 15:49	X	X	X	X
CCB	1	09/20/21 15:51	X	X	X	X
LLCCVW	1	09/20/21 15:52	X	X	X	X
KQ2117587-01MB	1	09/20/21 15:53	X	X		X
KQ2117587-02LCS	1	09/20/21 15:55	X	X		X
K2110360-001	5	09/20/21 15:56	X	X		X
K2110360-001DUP	5	09/20/21 15:57	X	X		X
K2110360-001SDL	25	09/20/21 15:59	X	X	X	X

Client: Anchor QEA, LLC **Service Request:** K2110360
Project: Grumman Road Treatability/

Analysis Run Log

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **739349**

Sample	Dilution Factor	Date/Time	As	Fe	Mn	Mo
K2110360-001PS	5	09/20/21 16:00	X	X	X	X
K2110360-001MS	5	09/20/21 16:02	X	X		X
K2110360-002	5	09/20/21 16:03	X	X		X
K2110360-003	5	09/20/21 16:04	X	X		X
K2110360-005	5	09/20/21 16:06	X	X		X
CCV	1	09/20/21 16:07	X	X	X	X
CCB	1	09/20/21 16:09	X	X	X	X
K2110360-007	5	09/20/21 16:10	X	X		X
K2110360-008	5	09/20/21 16:11	X	X		X
K2110360-009	5	09/20/21 16:13	X	X		X
K2110360-011	5	09/20/21 16:14	X	X		X
K2110360-013	5	09/20/21 16:15	X	X		X
K2110360-014	5	09/20/21 16:17	X	X		X
K2110360-015	5	09/20/21 16:18	X	X		X
K2110360-017	5	09/20/21 16:20	X	X		X
K2110360-018	5	09/20/21 16:21	X	X		X
CCV	1	09/20/21 16:22	X	X	X	X
CCB	1	09/20/21 16:24	X	X	X	X
LLCCVW	1	09/20/21 16:25	X	X	X	X
ZZZZZZ	1	09/20/21 16:27				
ZZZZZZ	1	09/20/21 16:28				
ZZZZZZ	5	09/20/21 16:29				
ZZZZZZ	5	09/20/21 16:31				
ZZZZZZ	25	09/20/21 16:32				
ZZZZZZ	5	09/20/21 16:33				
ZZZZZZ	5	09/20/21 16:35				
ZZZZZZ	5	09/20/21 16:36				
ZZZZZZ	5	09/20/21 16:38				
ZZZZZZ	5	09/20/21 16:39				
ZZZZZZ	1	09/20/21 16:40				
ZZZZZZ	1	09/20/21 16:42				
ZZZZZZ	5	09/20/21 16:43				
ZZZZZZ	5	09/20/21 16:44				
ZZZZZZ	5	09/20/21 16:46				
ZZZZZZ	5	09/20/21 16:47				
ZZZZZZ	5	09/20/21 16:49				
ZZZZZZ	5	09/20/21 16:50				

Client: Anchor QEA, LLC **Service Request:** K2110360
Project: Grumman Road Treatability/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **739349**

Sample	Date/Time	Ge72He	In115He
ZZZZZZ	09/20/21 14:09		
ZZZZZZ	09/20/21 14:11		
ICV	09/20/21 14:12	100	98
CCV	09/20/21 14:14	98	98
ICB	09/20/21 14:15	98	98
CCB	09/20/21 14:16	95	96
LLICVW	09/20/21 14:18	95	97
ICSA	09/20/21 14:19	93	91
ICSAB	09/20/21 14:20	93	92
ZZZZZZ	09/20/21 14:22		
ZZZZZZ	09/20/21 14:32		
ZZZZZZ	09/20/21 14:33		
ZZZZZZ	09/20/21 14:35		
ZZZZZZ	09/20/21 14:36		
ZZZZZZ	09/20/21 14:37		
ZZZZZZ	09/20/21 14:39		
ZZZZZZ	09/20/21 14:40		
ZZZZZZ	09/20/21 14:41		
ZZZZZZ	09/20/21 14:43		
ZZZZZZ	09/20/21 14:44		
CCV	09/20/21 14:46	102	102
CCB	09/20/21 14:47	104	101
ZZZZZZ	09/20/21 14:48		
ZZZZZZ	09/20/21 14:50		
ZZZZZZ	09/20/21 14:51		
ZZZZZZ	09/20/21 14:53		
ZZZZZZ	09/20/21 14:54		
ZZZZZZ	09/20/21 14:55		
ZZZZZZ	09/20/21 14:57		
ZZZZZZ	09/20/21 14:58		
ZZZZZZ	09/20/21 15:00		
ZZZZZZ	09/20/21 15:01		
CCV	09/20/21 15:02	105	105
CCB	09/20/21 15:04	103	103
ZZZZZZ	09/20/21 15:05		
CCV	09/20/21 15:06	101	101
CCB	09/20/21 15:08	102	100

Client: Anchor QEA, LLC **Service Request:** K2110360
Project: Grumman Road Treatability/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **739349**

Sample	Date/Time	Ge72He	In115He
LLCCVW	09/20/21 15:09	100	101
KQ2117586-01MB	09/20/21 15:11	100	100
KQ2117586-02LCS	09/20/21 15:12	99	100
K2110360-001	09/20/21 15:13	96	96
K2110360-001DUP	09/20/21 15:15	98	98
K2110360-001SDL	09/20/21 15:16	103	102
K2110360-001PS	09/20/21 15:17	98	98
K2110360-001MS	09/20/21 15:19	100	99
K2110360-002	09/20/21 15:20	100	100
K2110360-003	09/20/21 15:22	97	97
K2110360-004	09/20/21 15:23	100	99
CCV	09/20/21 15:24	107	106
CCB	09/20/21 15:26	105	106
K2110360-005	09/20/21 15:27	102	101
K2110360-006	09/20/21 15:29	101	99
K2110360-007	09/20/21 15:30	101	100
K2110360-008	09/20/21 15:31	101	99
K2110360-009	09/20/21 15:33	98	95
K2110360-010	09/20/21 15:34	100	98
K2110360-011	09/20/21 15:35	104	103
K2110360-012	09/20/21 15:37	106	102
K2110360-013	09/20/21 15:38	103	100
K2110360-014	09/20/21 15:40	104	103
CCV	09/20/21 15:41	107	105
CCB	09/20/21 15:42	106	104
K2110360-015	09/20/21 15:44	99	96
K2110360-016	09/20/21 15:45	96	95
K2110360-017	09/20/21 15:46	105	104
K2110360-018	09/20/21 15:48	105	104
CCV	09/20/21 15:49	106	107
CCB	09/20/21 15:51	106	105
LLCCVW	09/20/21 15:52	103	104
KQ2117587-01MB	09/20/21 15:53	102	104
KQ2117587-02LCS	09/20/21 15:55	103	102
K2110360-001	09/20/21 15:56	97	96
K2110360-001DUP	09/20/21 15:57	99	98
K2110360-001SDL	09/20/21 15:59	105	104

Client: Anchor QEA, LLC **Service Request:** K2110360
Project: Grumman Road Treatability/

ICP-MS INTERNAL STANDARDS RELATIVE INTENSITY SUMMARY

Instrument ID: **K-ICP-MS-06** **Analytical BatchID:** **739349**

Sample	Date/Time	Ge72He	In115He
K2110360-001PS	09/20/21 16:00	103	101
K2110360-001MS	09/20/21 16:02	101	99
K2110360-002	09/20/21 16:03	99	98
K2110360-003	09/20/21 16:04	98	96
K2110360-005	09/20/21 16:06	105	103
CCV	09/20/21 16:07	107	106
CCB	09/20/21 16:09	105	103
K2110360-007	09/20/21 16:10	100	100
K2110360-008	09/20/21 16:11	101	100
K2110360-009	09/20/21 16:13	98	97
K2110360-011	09/20/21 16:14	102	101
K2110360-013	09/20/21 16:15	102	101
K2110360-014	09/20/21 16:17	104	101
K2110360-015	09/20/21 16:18	100	98
K2110360-017	09/20/21 16:20	107	104
K2110360-018	09/20/21 16:21	107	107
CCV	09/20/21 16:22	110	109
CCB	09/20/21 16:24	107	108
LLCCVW	09/20/21 16:25	105	106
ZZZZZZ	09/20/21 16:27		
ZZZZZZ	09/20/21 16:28		
ZZZZZZ	09/20/21 16:29		
ZZZZZZ	09/20/21 16:31		
ZZZZZZ	09/20/21 16:32		
ZZZZZZ	09/20/21 16:33		
ZZZZZZ	09/20/21 16:35		
ZZZZZZ	09/20/21 16:36		
ZZZZZZ	09/20/21 16:38		
ZZZZZZ	09/20/21 16:39		
ZZZZZZ	09/20/21 16:40		
ZZZZZZ	09/20/21 16:42		
ZZZZZZ	09/20/21 16:43		
ZZZZZZ	09/20/21 16:44		
ZZZZZZ	09/20/21 16:46		
ZZZZZZ	09/20/21 16:47		
ZZZZZZ	09/20/21 16:49		
ZZZZZZ	09/20/21 16:50		

Raw Data

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
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General Chemistry

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
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Page [illegible]

	Yes	No	N/A
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Analyst [illegible] Date [illegible]

Data Reviewer [illegible] Date [illegible]

Data Reviewer [illegible] Date [illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Technique: [illegible]

Lab Code	Parent Analyte	S/L	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	Dil	Value	PQL	Qualifier	Qualifier	Date Analyzed	QC?	Rep
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Type
Datasource [illegible]
Location [illegible]
Timebase [illegible]
Samples 40

Created [illegible]
Last Update [illegible]

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29	[illegible]	[illegible]		
30	[illegible]	[illegible]		
31	[illegible]	[illegible]		
32	[illegible]	[illegible]		
33	[illegible]	[illegible]		
34	[illegible]	[illegible]		
35	[illegible]	[illegible]		
36	[illegible]	[illegible]		
37	[illegible]	[illegible]		
38	[illegible]	[illegible]		
39	[illegible]	[illegible]		
40	[illegible]	[illegible]		

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Service Required	Chart/Notes/Dr	Anion	1st Dr	2nd Dr	Recovery	Date
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				

Sample Number	Concentration	Anion	1st Det	2nd Det	Recovery	Comm
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				
		F				
		Cl				
		NO2				
		Br				
		NO3				
		SO4				

ALS ENVIRONMENTAL, INC.

Ion Chromatography Calibration Data

Sequence: [illegible]

Date: [illegible]

Analyte	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Corr. Coeff.	Slope	Residuals
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.0856	0.2248	
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9025	0.1826	
NO_2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9617	0.3572	
Br	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9944	0.0738	
NO_3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9176	0.4419	
SO_4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9725	0.1285	
[illegible]									99.9557	0.1761	

[illegible]

No.	Peak Name	Cal Type	nPoints	Rel Std.Dev. %	Corr Coeff %	Offset	Slope	Curve
1	Fluoride	Lin	7	1.4049	99.0856	0	0.2248	0
2	Chloride	Lin	7	3.7258	99.9025	0	0.1826	0
3	Nitrite	Lin	7	2.3141	99.9617	0	0.3572	0
4	Bromide	Lin	7	0.8755	99.9944	0	0.0738	0
5	Nitrate	Lin	7	3.4144	99.9176	0	0.4419	0
6	Sulfate	Lin	7	1.957	99.9725	0	0.1285	0
Average			5.25	2.2819	99.9557	0	0.1761	0

0.25mL		[illegible]	0.5mL	[illegible]	10.0mL Page
	50000	[illegible]	[illegible]	[illegible]	

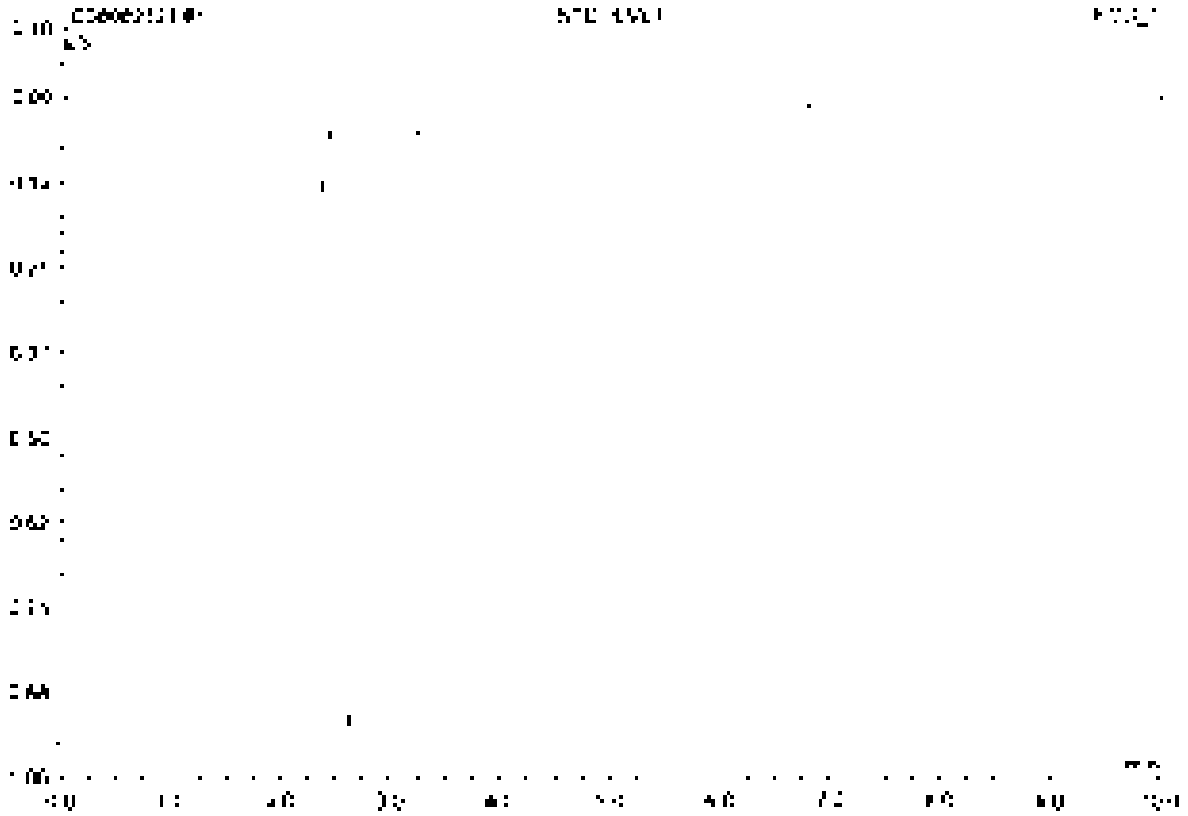
[illegible] 50mL)

	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	STD2	STD3	STD4	STD5	STD6	STD7	STD8	STD9
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO_2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NO_3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
SO_4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

1 STD1/LVL1

DI

Sample Name	STD1/LVL1	Injection Volume	25.0
Vial Number	1	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Operator Method	epa300	Dilution Factor	1.0000
Processing Time	8/25/2021 14:03	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

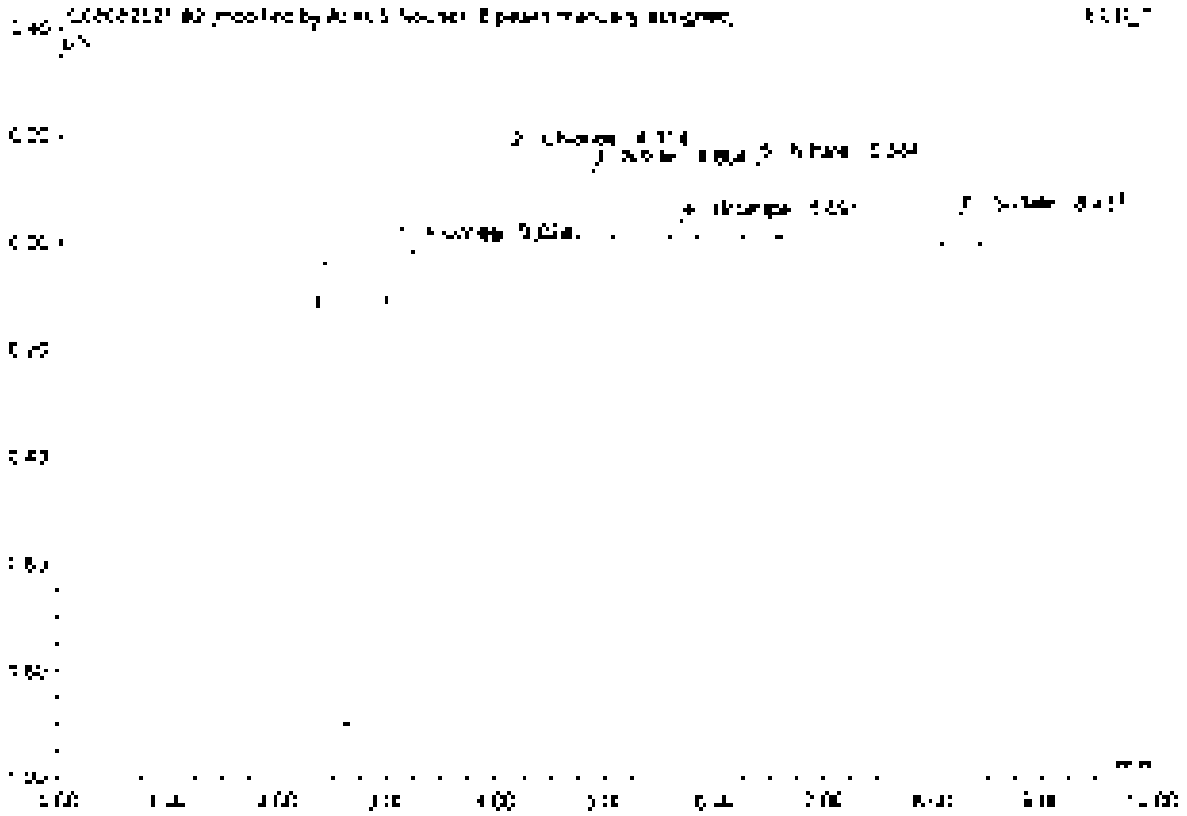


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total			0.000	0.000	0.00	0.000	

2 STD2/LVL2

21-BEN-02-53D

Sample Name	STD2/LVL2	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	8/25/2021 14:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

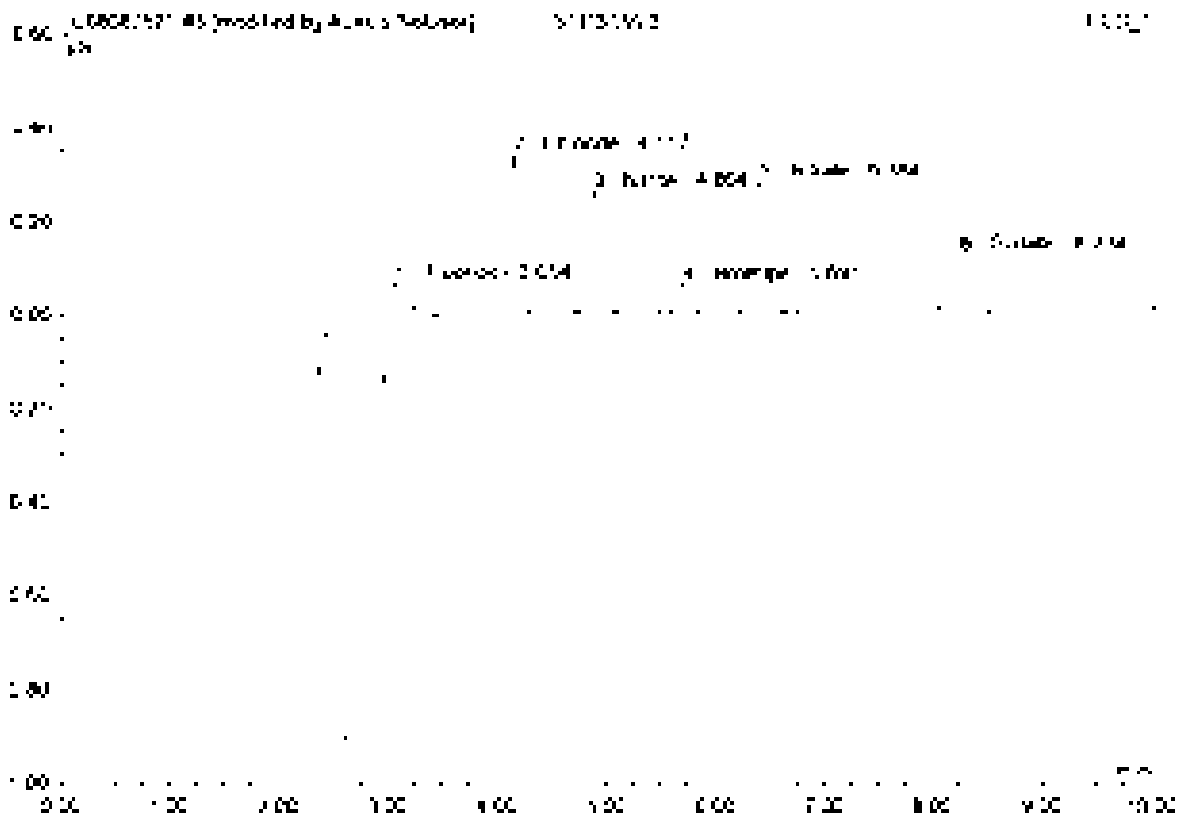


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]	BMB*
2	4.11	Chloride	[illegible]	[illegible]	20.62	[illegible]	[illegible]
3	4.86	Nitrite	[illegible]	[illegible]	20.72	[illegible]	BMB*
4	5.59	Bromide	[illegible]	[illegible]	5.10	[illegible]	BMB*
5	6.38	Nitrate	[illegible]	[illegible]	24.81	[illegible]	BMB*
6	[illegible]	Sulfate	[illegible]	[illegible]	13.87	[illegible]	BMB*
Total:			[illegible]	[illegible]	100.00	[illegible]	

3 STD3/LVL3

21-GEN-02-53E

Sample Name:	STD3/LVL3	Injection Volume:	25.0
Vial Number:	3	Channel:	ECD 1
Sample Type:	standard	Wavelength:	n.a.
Control Program:	epa300	Bandwidth:	n.a.
Quant. Method:	epa300	Dilution Factor:	1.0000
Recording Time:	9/26/2021 14:27	Sample Weight:	1.0000
Run Time (min):	10.00	Sample Amount:	1.0000

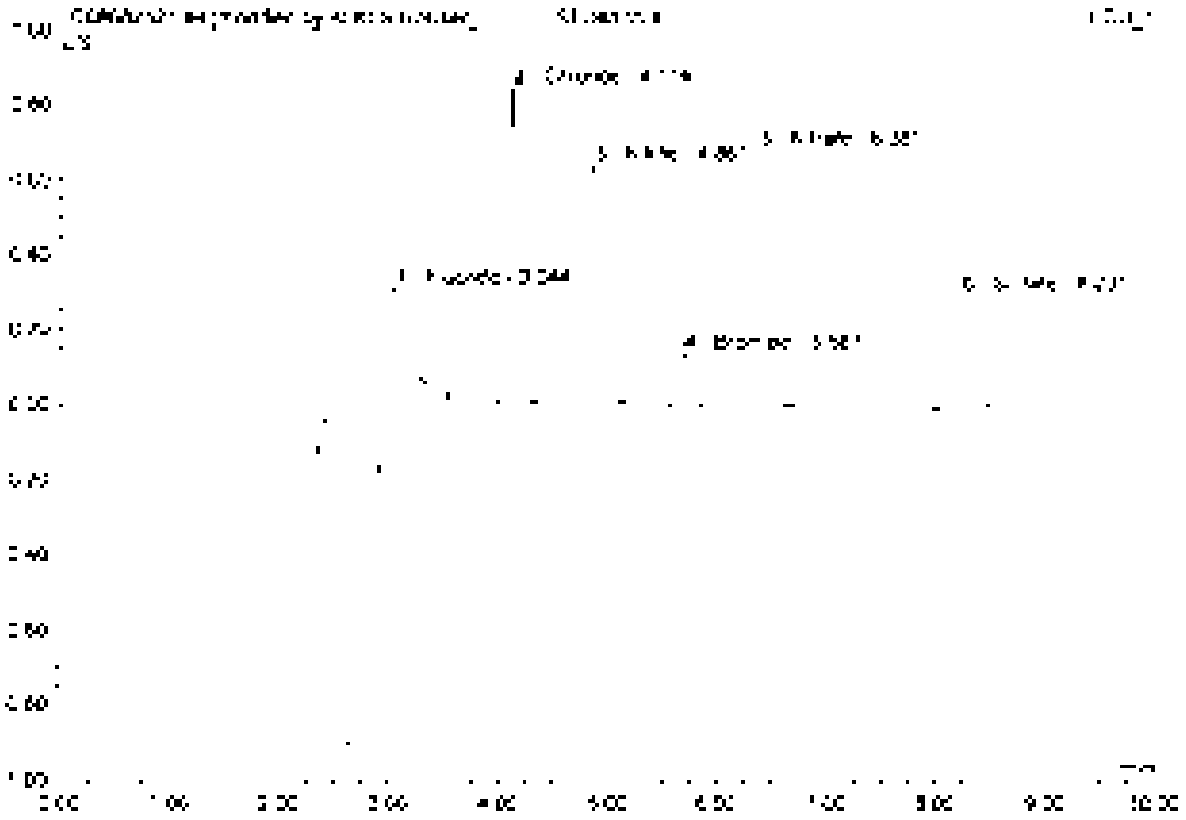


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.05	Fluoride	0.160	0.041	23.05	0.183	BV[illegible]
2	4.12	Chloride	0.340	0.033	18.21	0.175	BV[illegible]
3	4.85	Nitrite	0.252	0.033	18.43	0.097	BMB
4	5.59	Bromide	0.001	0.008	4.40	0.107	BV[illegible]
5	6.38	Nitrate	0.279	0.040	22.64	0.092	BV[illegible]
6	8.22	Sulfate	0.1[illegible]	0.024	13.28	0.155	BV[illegible]
Total:			1.234	0.176	100.00	0.837	

4 STD4/LVL4

21-GEN-02-53F

Sample Name	STD4/LVL4	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	5/25/2021 14:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

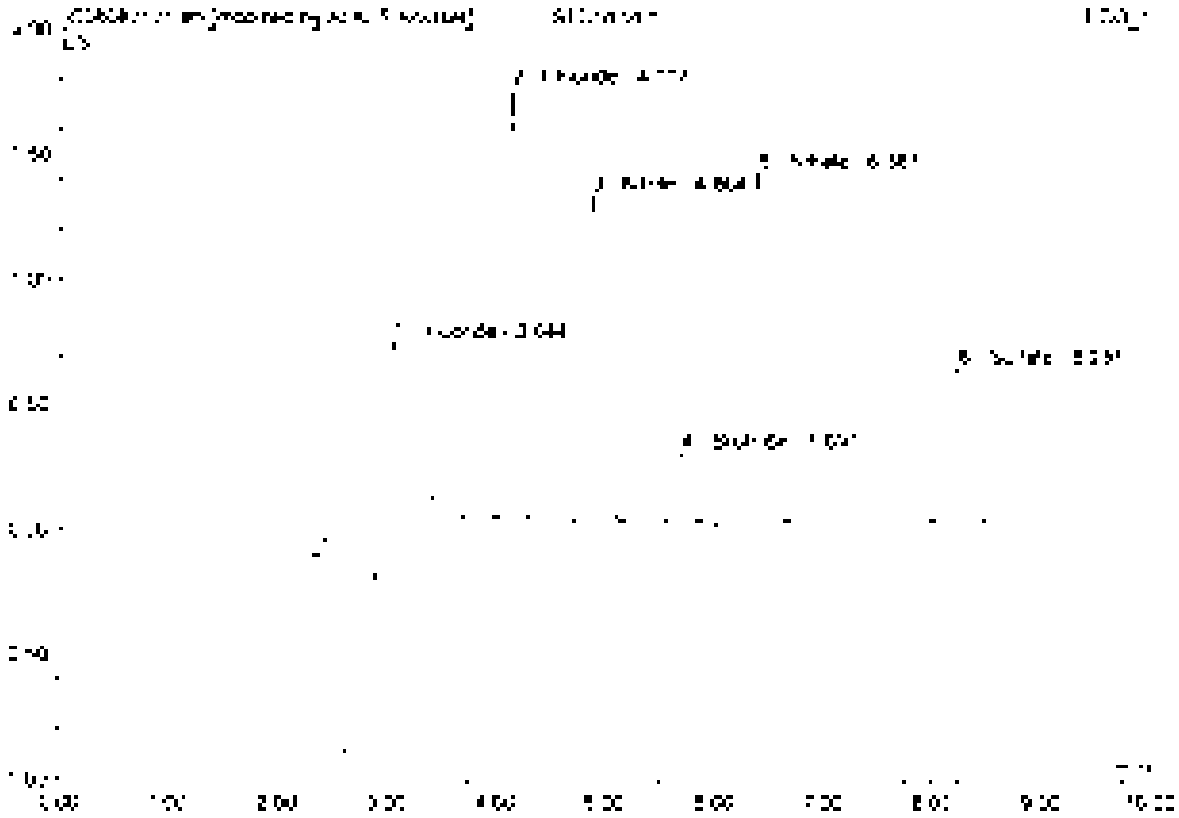


No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	0.446	0.107	23.86	0.675	BV07
2	4.11	Chloride	0.841	0.080	17.99	0.641	PV07
3	4.86	Nitrite	0.635	0.082	18.25	0.229	BV9
4	5.69	Bromide	0.144	0.039	8.72	0.255	BV8
5	6.38	Nitrate	0.690	0.100	22.47	0.227	BV8
6	8.23	Sulfate	0.304	0.059	13.21	0.460	BV8
Total:			3.064	0.447	100.00	2.086	

5 STD5/LVL5

21-GEN-02-53G

Sample Name	STD5/LVL5	Injection Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	8/23/2021 14:30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

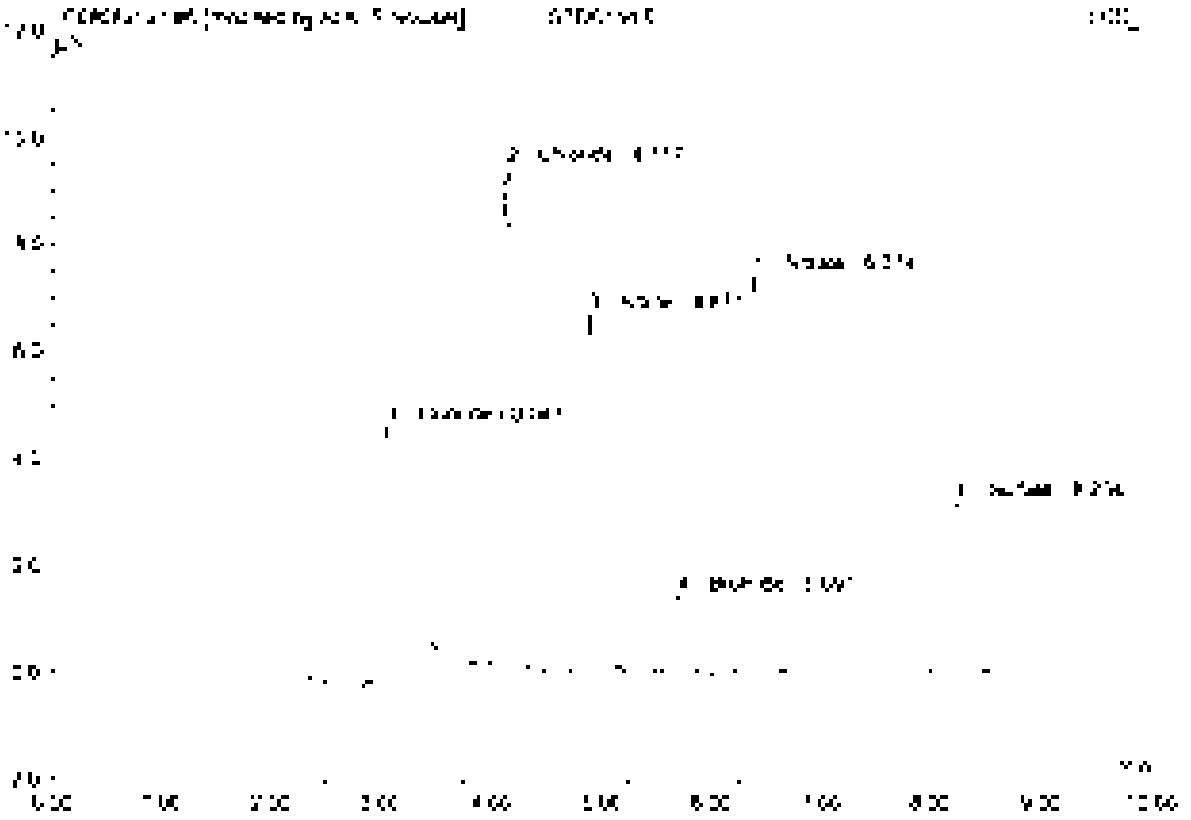


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	0.901	0.235	25.35	1.048	BMBP
2	4.12	Chloride	1.724	0.154	17.05	0.838	BMBP
3	4.86	Nitrite	1.303	0.157	16.92	0.469	BMB
4	5.65	Bromide	0.280	0.097	10.47	0.500	BMB
5	5.38	Nitrate	1.401	0.203	21.84	0.459	BMB
6	8.21	Sulfate	0.618	0.177	19.17	0.942	BMB
Total:			6.230	0.929	100.00	4.326	

6 STD6/LVL6

21-GEN-02-53H

Sample Name	STD6/LVL6	Injection Volume	75.0
Vial Number	6	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	[illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

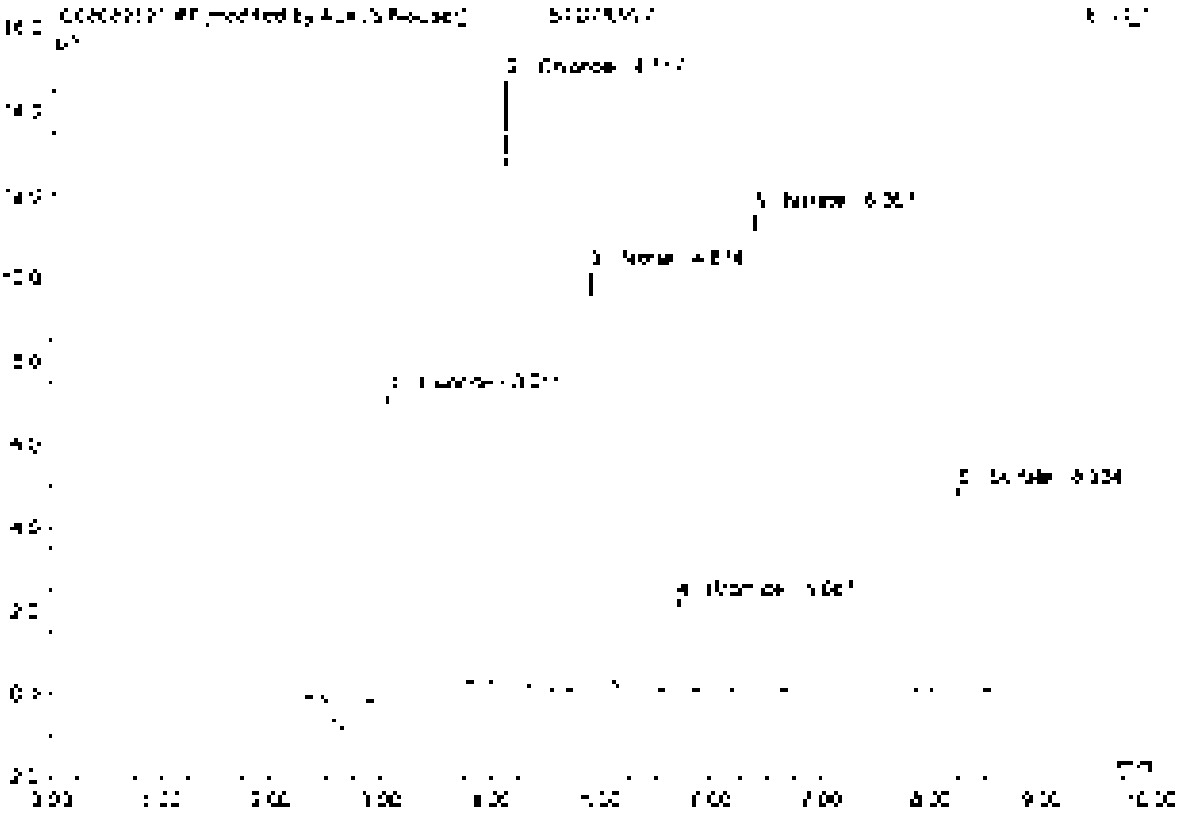


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.65	Fluoride	4.791	1.125	23.72	5.007	BMB*
2	4.12	Chloride	5.349	0.874	18.43	4.789	BMB*
3	4.87	Nitrite	6.659	0.871	18.36	2.438	BMB
4	5.69	Bromide	[illegible]	[illegible]	[illegible]	2.479	BMB
5	6.37	Nitrate	7.617	1.061	22.38	2.482	BMB
6	8.23	Sulfate	3.208	0.625	13.25	4.891	BMB
Total:			32.856	4.744	100.00	22.086	

7 STD7/LVL7

21-GEN-02-531

Sample Name	STD7/LVL7	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	8/25/2021 15:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

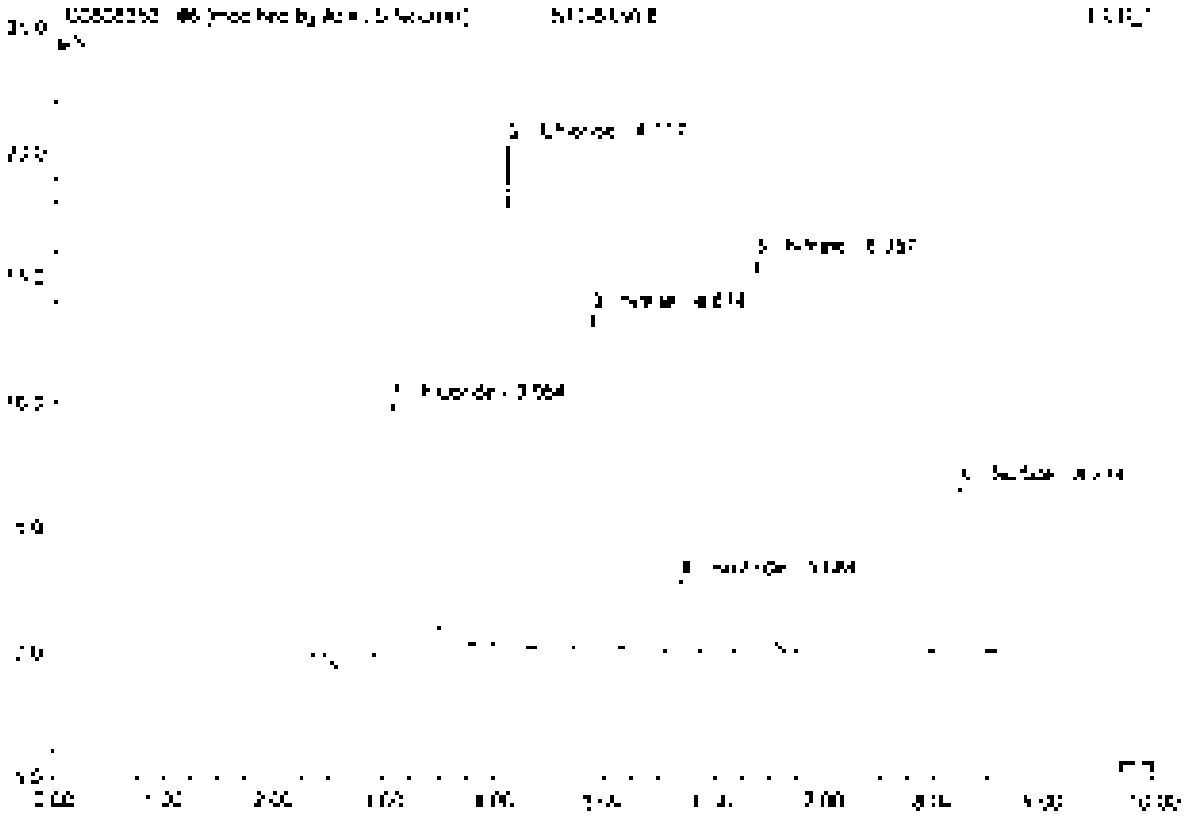


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.35	Fluoride	7.335	1.669	23.10	7.423	BV07
2	4.13	Chloride	14.551	1.354	18.75	7.419	BV07
3	4.87	Nitrite	16.275	1.379	19.40	3.721	BV9
4	5.69	Bromide	7.172	0.275	3.81	3.735	BV9
5	6.34	Nitrate	11.509	1.639	22.69	3.710	BV9
6	8.20	Sulfate	4.908	0.858	11.87	7.455	BV9
Total:			60.581	7.224	100.00	33.459	

8 STD8/LVL8

21-GEN-02-53J

Sample Name	STD8/LVL8	Injection Volume	25.0
Vial Number	8	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	8/25/2021 15:26	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

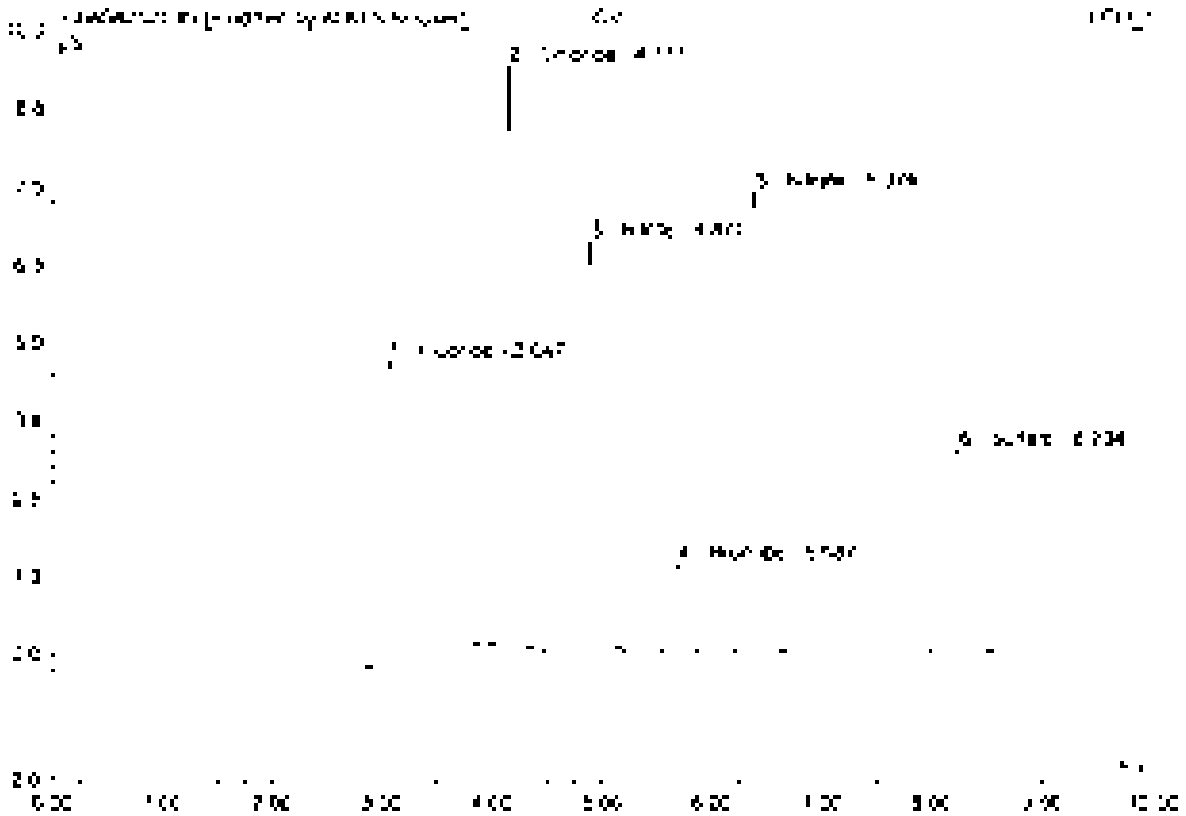


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.35	Fluoride	[illegible]	2.260	22.97	10.052	BV B*
2	4.12	Chloride	[illegible]	[illegible]	18.89	[illegible]	[illegible]
3	4.97	Nitrite	[illegible]	[illegible]	15.36	5.057	BMB
4	5.64	Bromide	2.925	0.371	3.77	5.023	BV B
5	6.36	Nitrate	[illegible]	2.247	22.84	5.055	BV B
6	8.70	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BV B
Total:			[illegible]	9.839	100.00	45.491	

9 ICV

21-GEN-02-53K

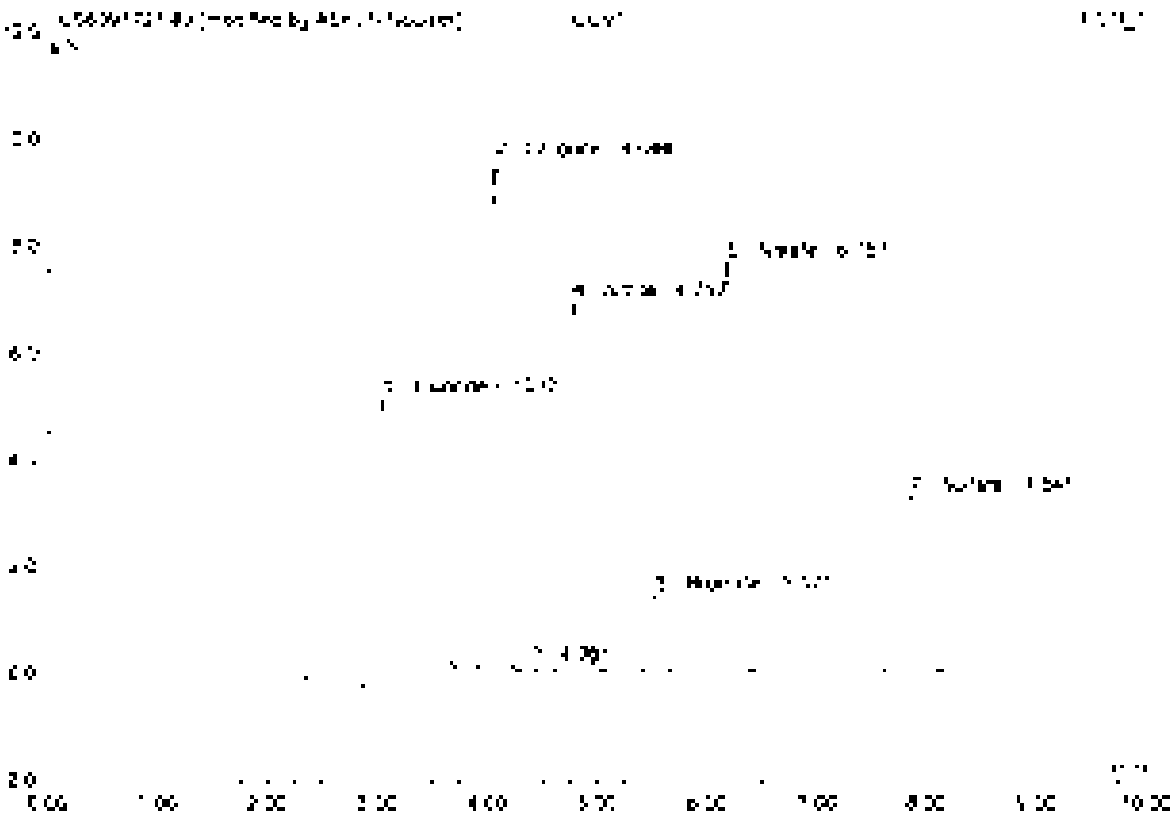
Sample Name	ICV	Injection Volume	25.0
Vial Number	60	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Sample Method	apa300	Dilution Factor	1.0000
Recording Time	8/25/2021 16:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.05	Fluoride	4.833	1.[illegible]	23.56	5.022	BMB*
2	4.12	Chloride	9.259	0.87[illegible]	18.36	4.772	BMB*
3	4.87	Nitrite	6.575	0.855	18.12	2.402	BMB
4	5.69	Bromide	1.422	0.18[illegible]	3.81	2.457	BMB
5	6.37	Nitrate	7.091	1.057	22.32	2.093	BMB
6	8.23	Sulfate	3.253	0.637	13.45	4.962	BMB
Total:			32.773	4.739	100.00	22.022	

9 CCV1

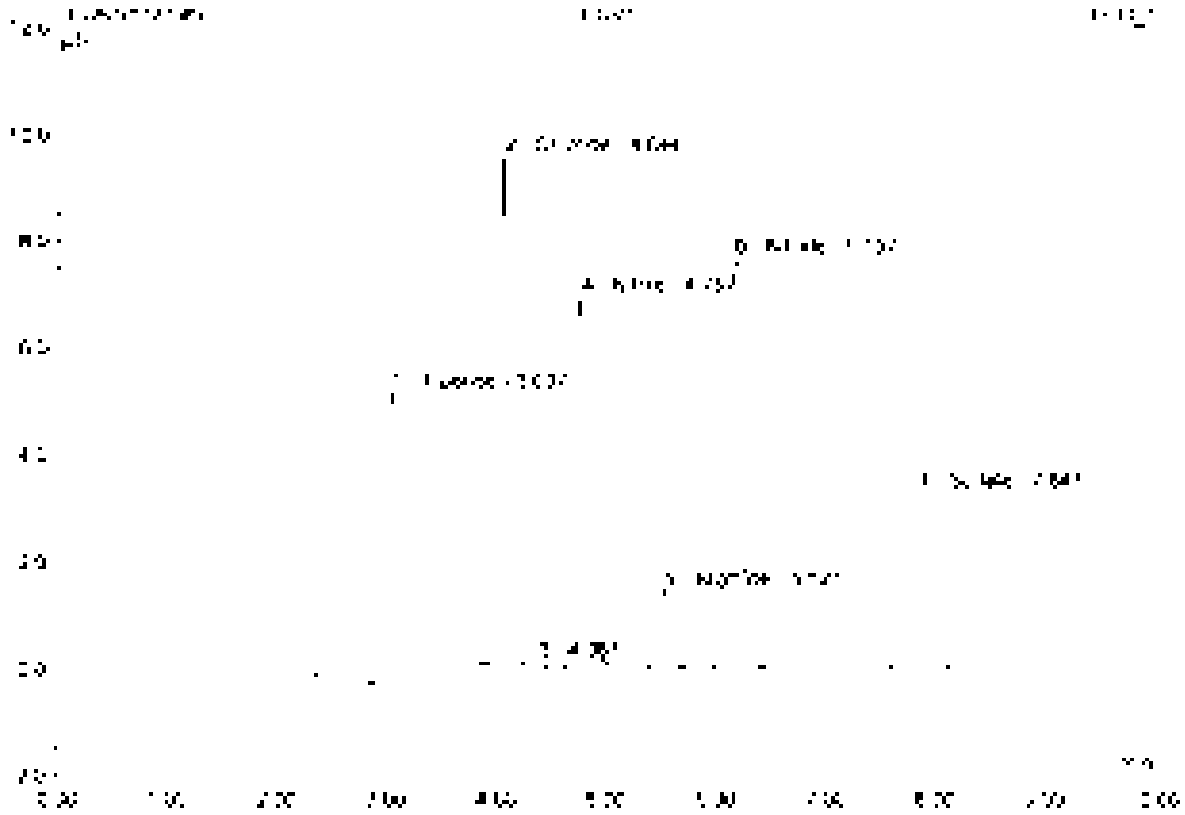
Sample Name	CCV1	Injection Volume	35.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Method Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Processing Time	9/17/2021 13:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	5.347	1.156	24.20	5.141	BV8*
2	4.05	Chloride	5.528	0.859	15.12	4.756	BV8*
3	4.08	n.a.	0.103	0.010	0.21	n.a.	BV0
4	4.75	Nitrite	6.946	0.891	18.65	2.493	BV0
5	5.52	Bromide	1.475	0.180	3.76	2.434	BV8
6	6.15	Nitrate	7.594	1.054	22.08	2.386	BV8
7	7.84	Sulfate	3.302	0.614	12.52	4.803	BV8
Total:			36.368	4.775	100.00	22.014	

9 CCV1

Sample Name	CCV1	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	[illegible]/2021 13:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



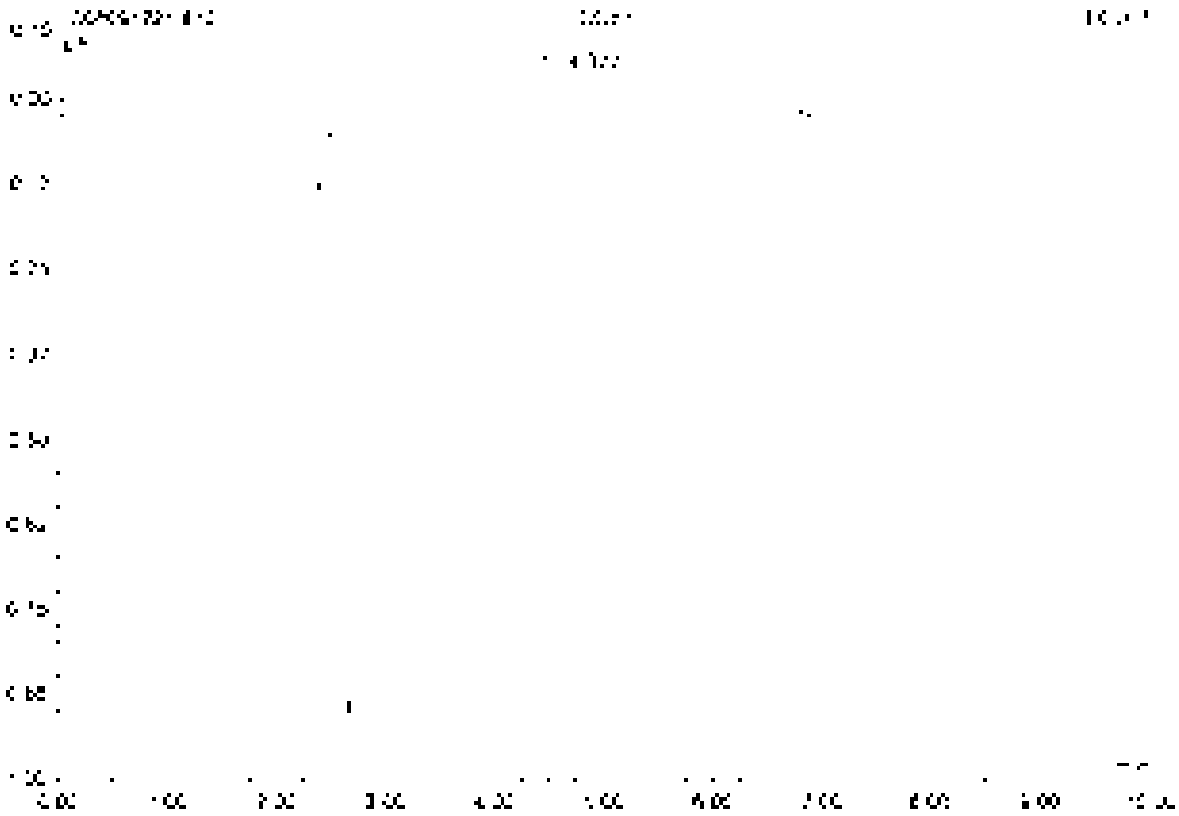
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
2	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB
3	[illegible]	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BMB
4	[illegible]	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]	BMB
5	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	BMB
6	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
7	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

Before

SEP 20 -4

10 CCB1

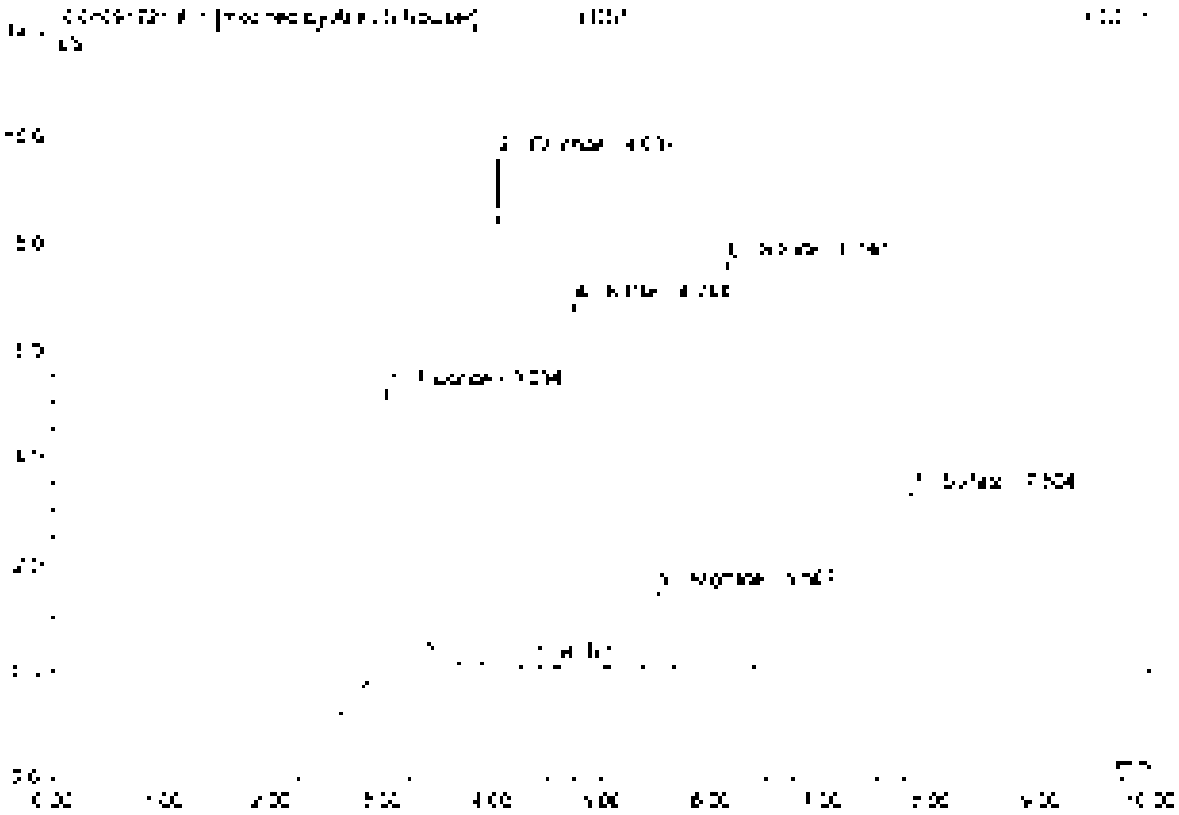
Sample Name	CCB1	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	9/17/2021 14:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.38	n.a.	3.220	3.106	100.00	n.a.	BV g
Total:			3.220	3.106	100.00	0.000	

11 LCS1

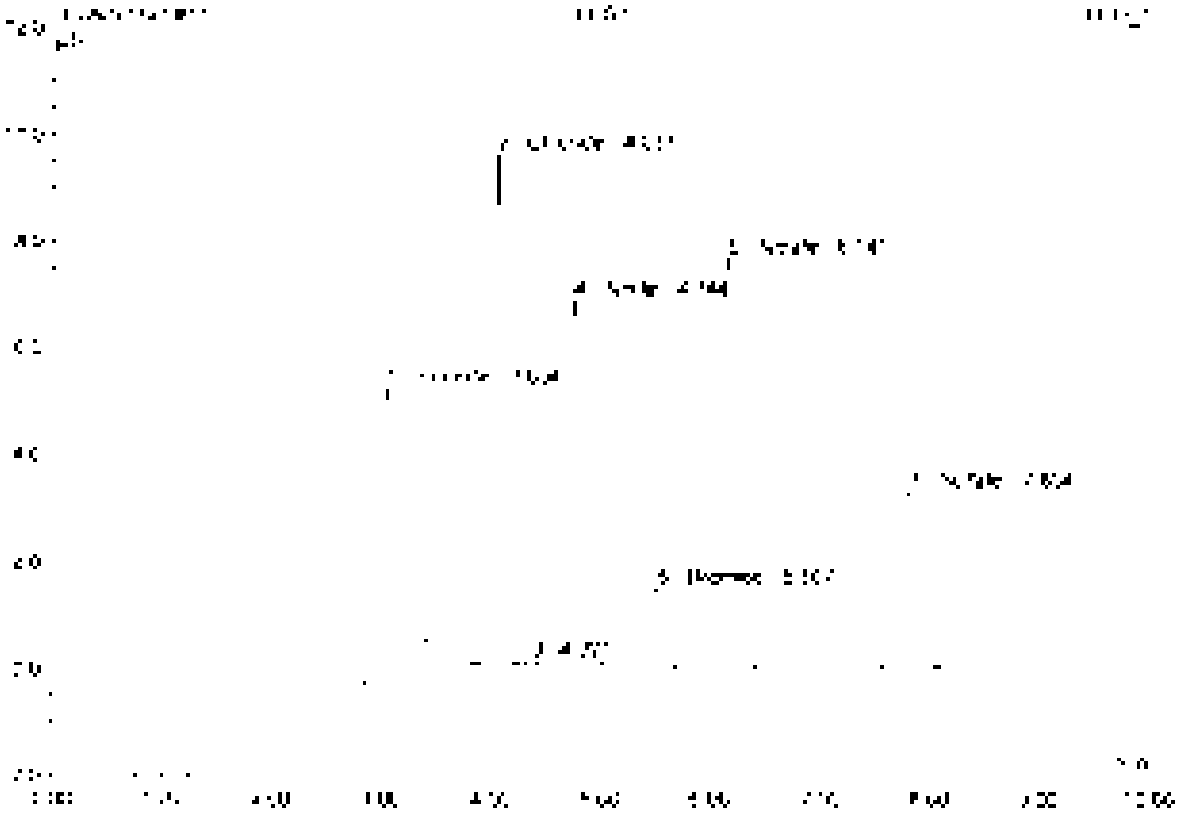
Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	5/17/2021 14:20	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.01	Fluoride	5.440	1.165	24.47	5.781	BV*P
2	4.04	Chloride	3.535	0.855	19.18	4.740	BV*P
3	4.37	n.a.	0.096	0.039	0.17	n.a.	BMB
4	4.78	Nitrite	0.835	0.877	18.42	2.455	BVU
5	5.51	Bromide	1.486	0.160	3.36	2.465	BMU
6	6.15	Nitrate	7.551	1.046	21.97	2.367	BVP
7	7.80	Sulfate	2.346	0.515	10.81	4.821	BVP
Total:			24.351	4.761	100.00	22.629	

11 LCS1

Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Recording Time	9/17/2021 14:20	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.93	Fluoride	5.477	1.243	25.76	5.551	BV*
2	4.04	Chloride	9.135	0.505	17.87	4.740	BV*
3	4.37	Na	0.086	0.002	0.13	n.a.	BMB
4	4.74	Nitrite	6.835	0.877	18.10	2.455	BMB
5	5.57	Bromide	1.485	0.130	3.72	2.445	BMB
6	6.74	Nitrate	7.651	1.046	21.56	2.357	BMB
7	7.83	Sulfate	3.015	0.619	12.78	8.021	BV*
Total			34.388	4.844	100.00	22.376	

Before

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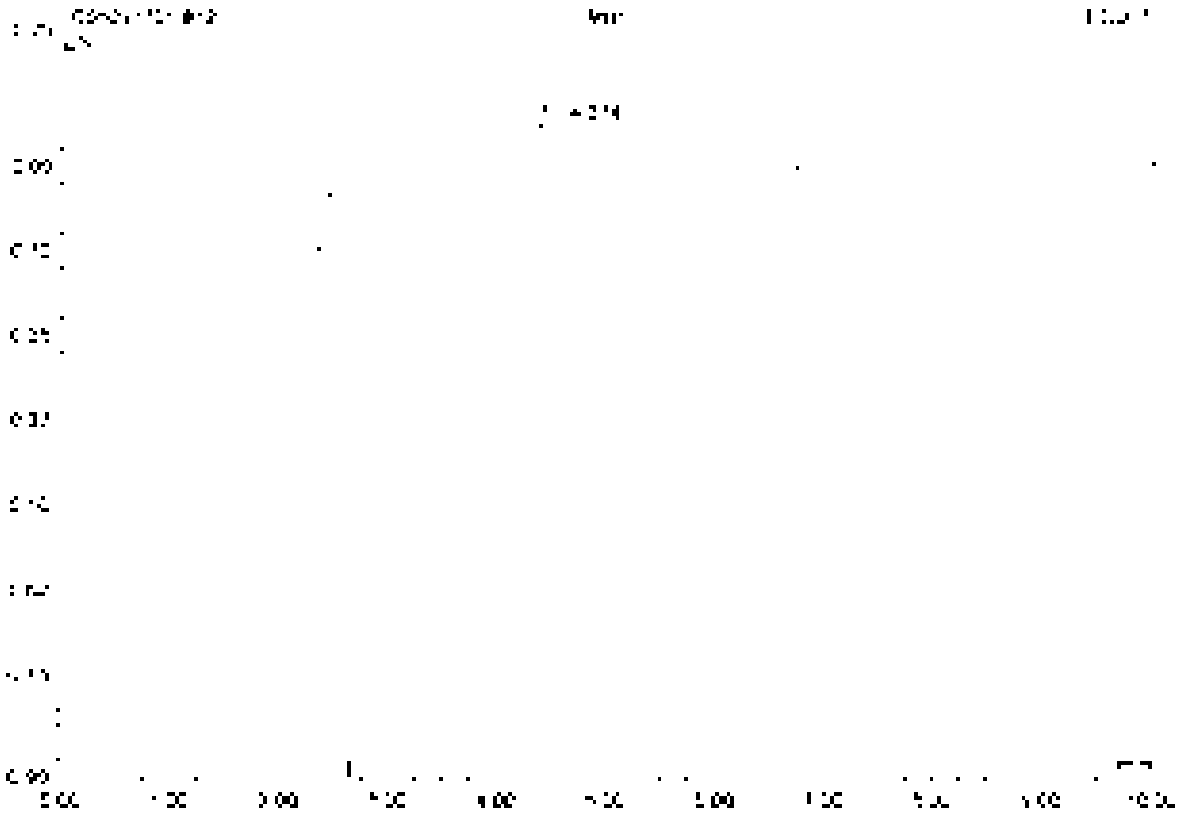
12 MB1

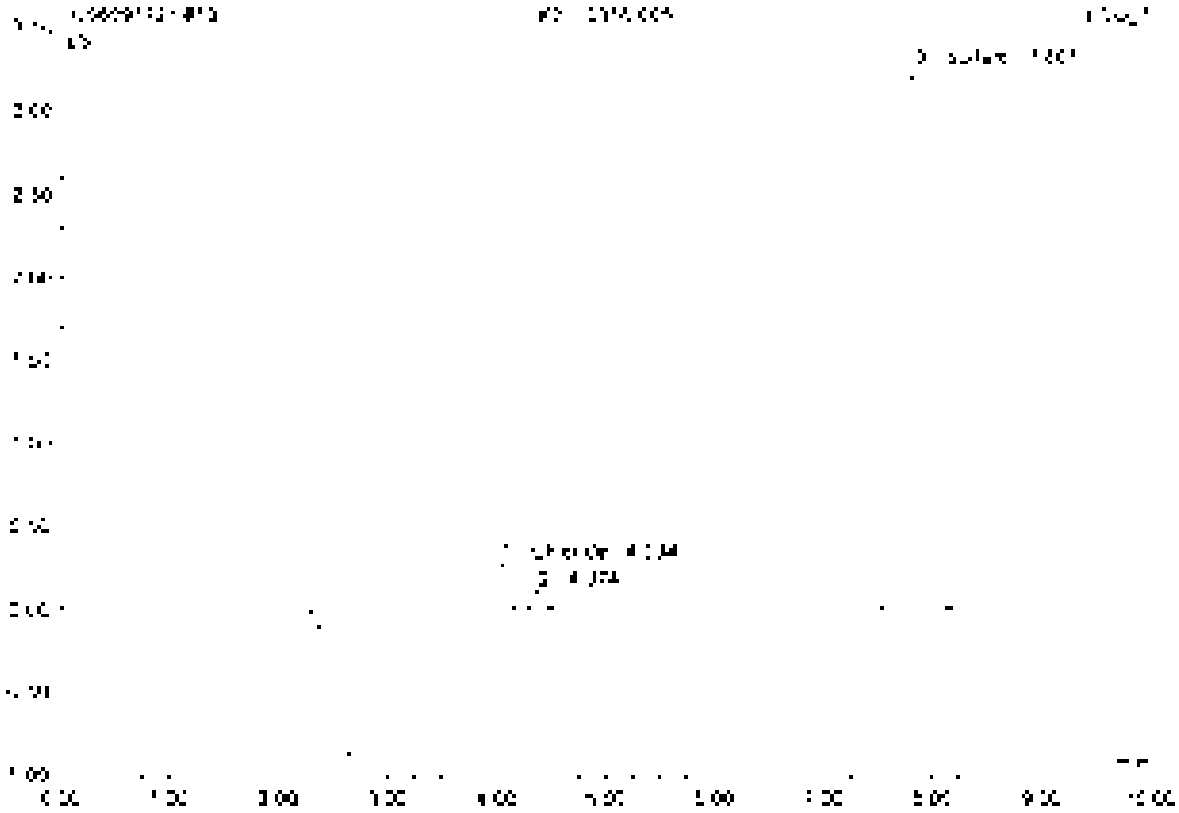
Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Original Method	epa300	Dilution Factor	1.0000
Analysis Time	9/17/2021 14:32	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
[illegible]	4.37	[illegible]	0.747	2.134	100.00	[illegible]	BMB
Total:			0.747	2.134	100.00	0.000	

13 K2110356-005

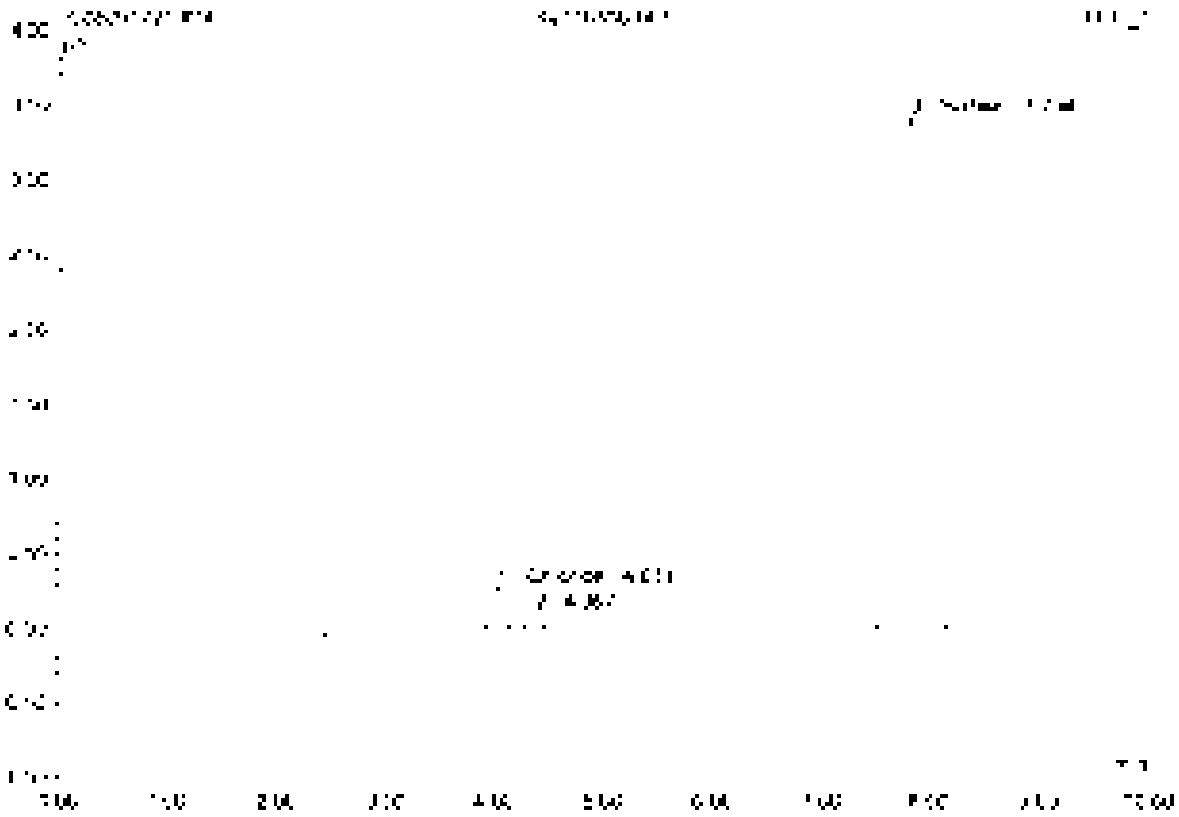
Sample Name	K2110356-005	Injection Volume	35.0
Vial Number	3	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Original Method	epa300	Dilution Factor	200.0000
Recording Time	9/17/2021 14:43	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.03	Chloride	0.285	0.027	4.14	25.271	BMB
2	4.37	n.a.	0.115	0.013	2.02	n.a.	BMB
3	7.80	Sulfate	3.250	0.505	93.84	941.526	BMB
Total:			3.650	0.544	100.00	966.797	

14 K2110356-007

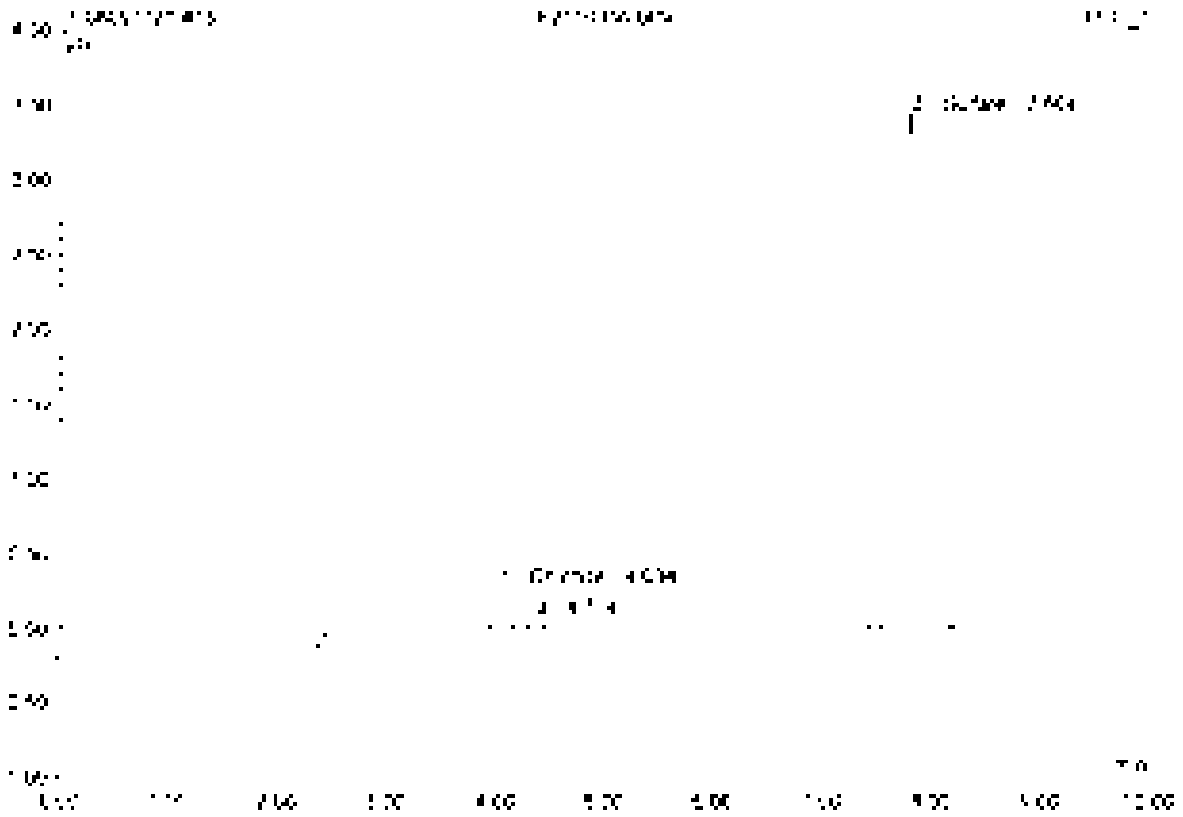
Sample Name	K2110356-007	Injection Volume	25.0
Vial Number	4	Channel	EGD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	200.0000
Recording Time	9/17/2021 14:55	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.03	Chloride	0.282	0.027	4.03	29.758	BVB
2	4.37	n.a.	0.008	0.012	[illegible]	n.a.	BMB
[illegible]	[illegible]	Sulfate	0.403	0.631	94.75	966.400	BVB
Total:			0.795	0.674	100.00	[illegible]	

15 K2110356-009

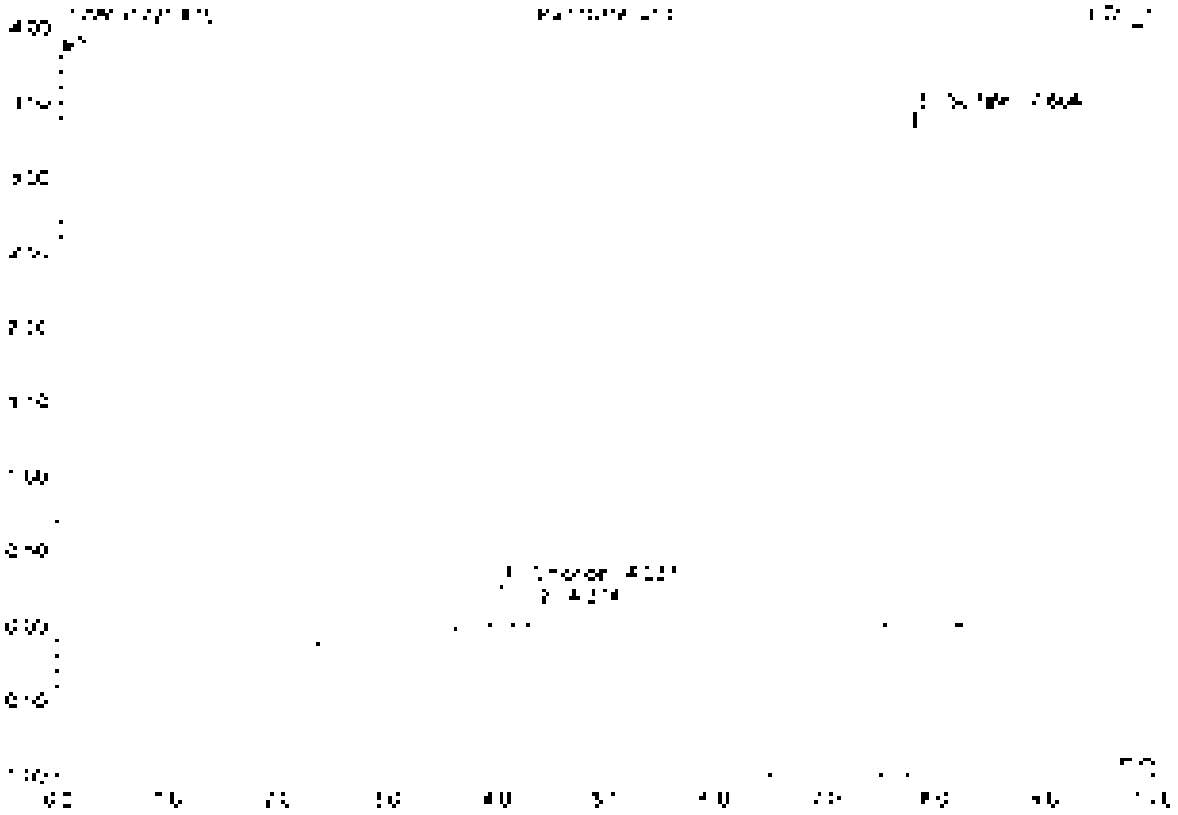
Sample Name	K2110356-009	Injection Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	200.0000
Recording Time	9/17/2021 15:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.03	Chloride	0.279	0.527	4.02	20.736	BV B
2	4.37	n.a.	0.066	0.207	1.11	n.a.	BM B
3	[illegible]	Sulfate	0.423	0.945	94.87	996.902	BV B
Total:			0.770	0.676	100.00	1025.674	

16 K2110356-010

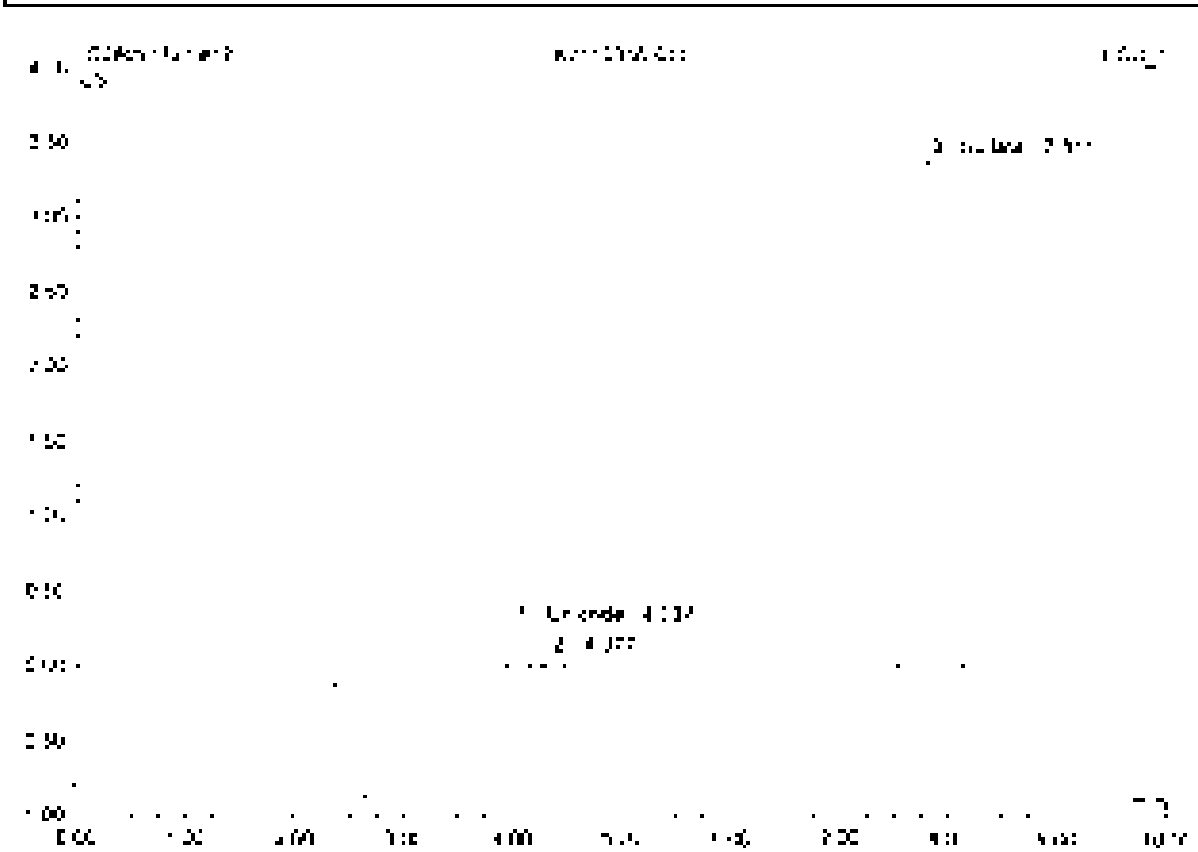
Sample Name	K2110356-010	Injection Volume	25.0
Vial Number	6	Channel	ECD: 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	200.0000
Recording Time	9/17/2021 15:18	Sample Weight	1.0000
Run Time (max.	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	0.285	0.028	4.12	30.795	BV B
2	4.37	n.a.	0.126	0.010	1.47	n.a.	BMD
3	7.60	Sulfate	3.428	0.641	94.40	697.330	BMB
Total:			3.837	0.682	100.00	728.125	

17 K2110356-011

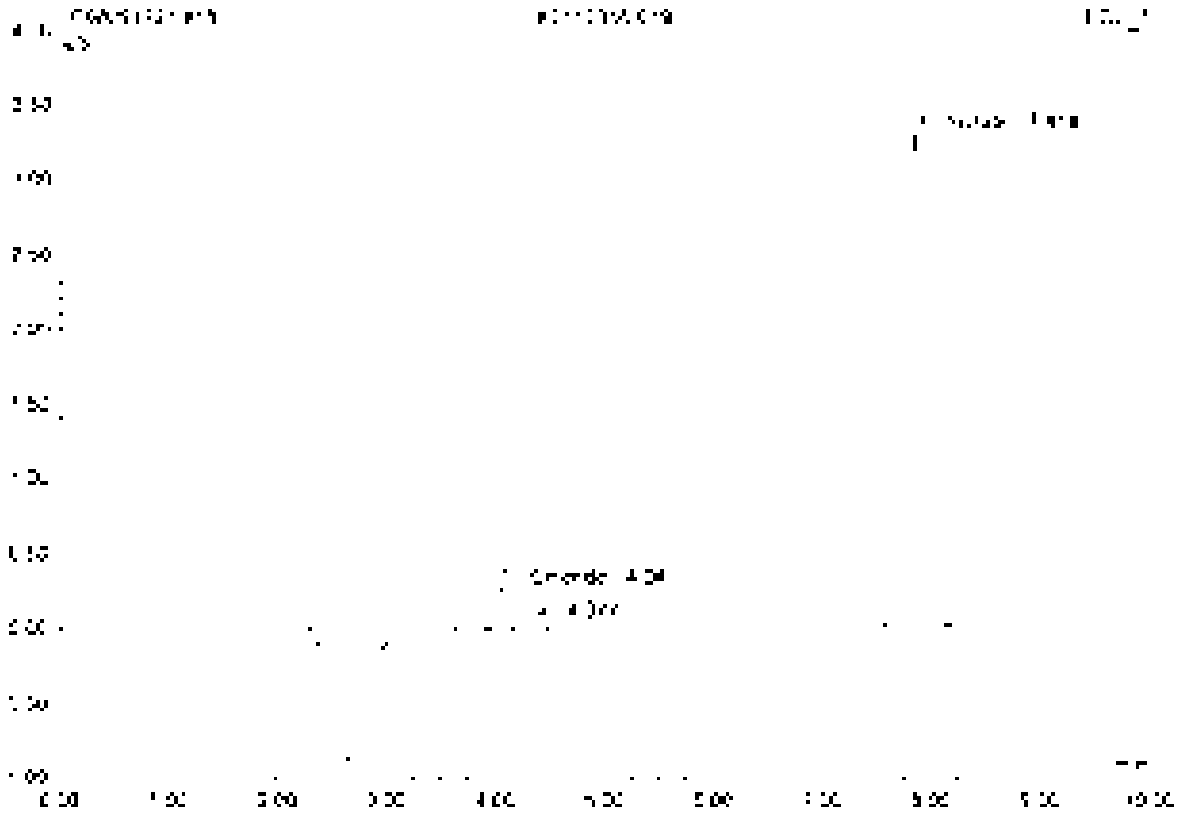
Sample Name	K2110356-011	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	200.0000
Processing Time	9/17/2021 15:00	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.06	Chloride	0.278	0.027	3.99	29.187	BMB
2	4.35	n.a.	0.074	0.008	1.15	n.a.	BMD
3	7.81	Sulfate	3.324	0.533	94.86	985.779	BMB
Total:			3.747	0.567	100.00	1014.966	

18 K2110356-019

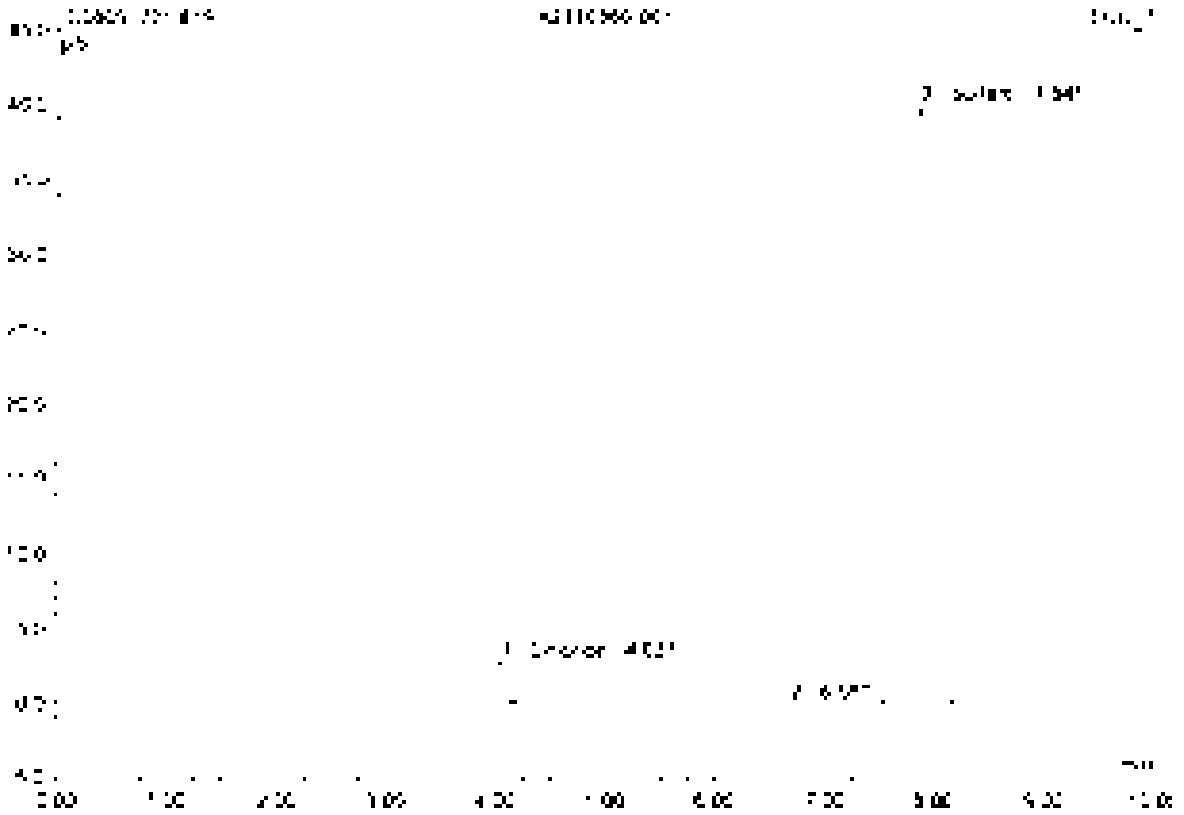
Sample Name	K2110356-019	Injection Volume	25.0
Vial Number	8	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	200.0000
Recording Time	5/17/2021 15:41	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	4.04	Chloride	0.005	0.007	1.14	29.424	BMB
2	4.39	n.a.	0.051	0.006	0.93	n.a.	BMB
3	7.81	Sulfate	3.295	0.516	84.50	359.007	BVB
Total			3.524	0.549	100.00	388.431	

19 K2110360-001

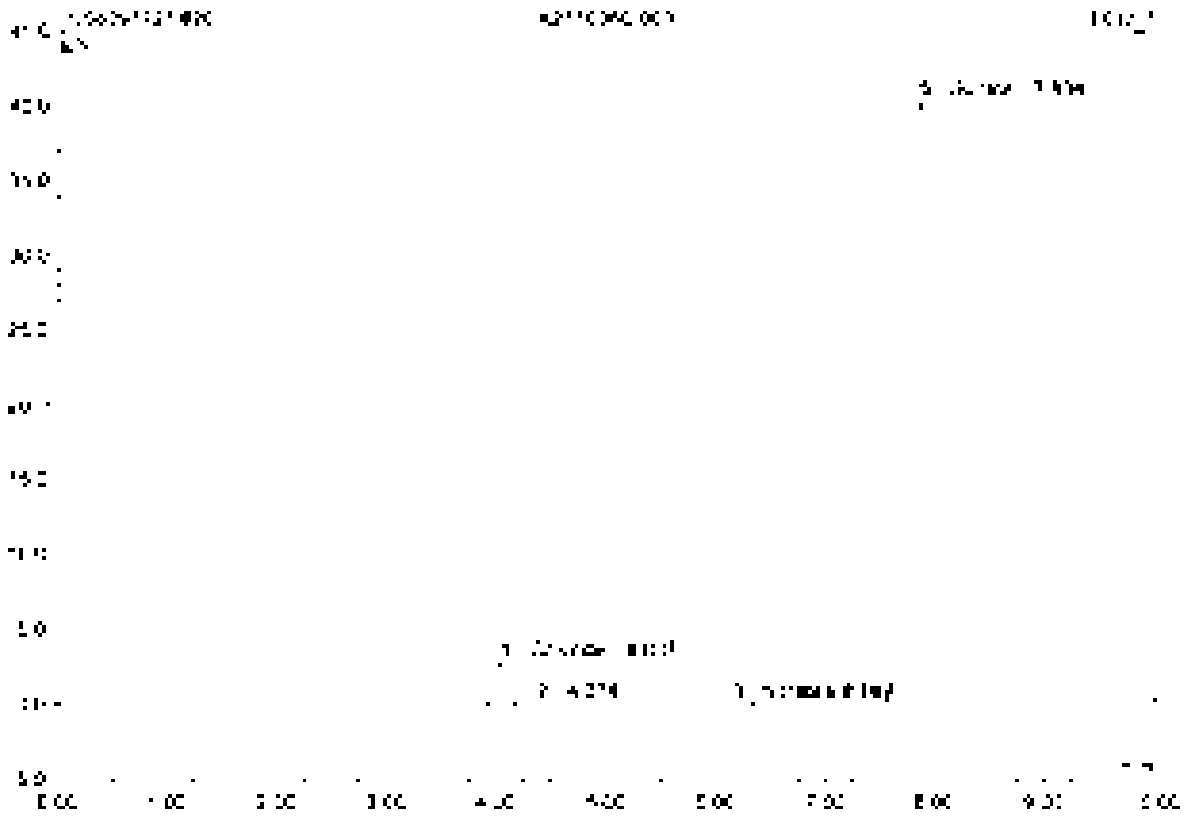
Sample Name	K2110360-001	Injection Volume	25.0
Vial Number	9	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Column Factor	30.0000
Acquisition Time	5/13/2021 15:53	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.94	Chloride	2.121	0.258	3.41	28.307	BMB
2	5.62	n.a.	0.022	0.006	0.07	n.a.	BMB
3	7.34	Sulfate	39.896	7.311	96.51	1138.297	BMB
Total:			42.039	7.575	100.00	1166.604	

20 K2110360-003

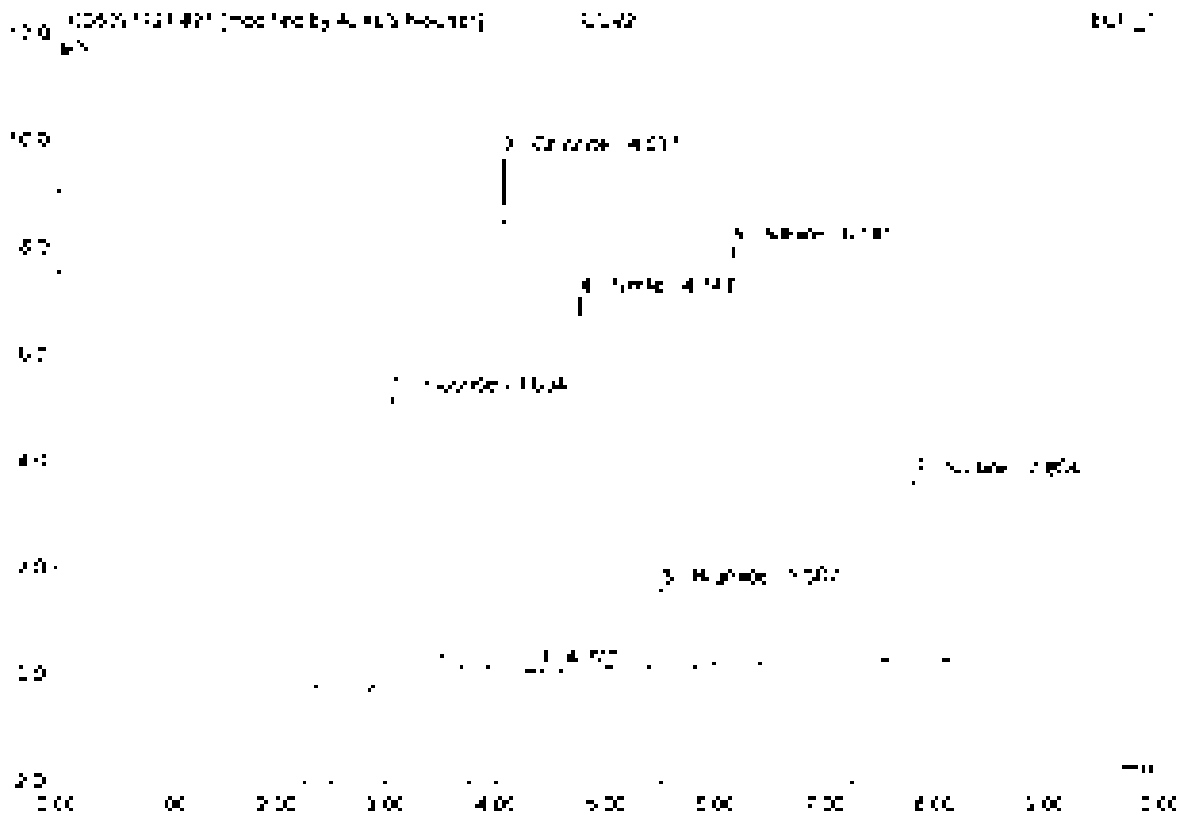
Sample Name	K2110360-003	Injection Volume	25.0
Vial Number	10	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	20.0000
Recording Time	9/17/2021 16:04	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.04	Chloride	2.835	0.264	3.30	29.876	BMB
2	4.37	n.a.	0.072	0.007	0.09	n.a.	bMB
3	6.15	Nitrate	0.044	0.006	0.07	0.251	BVb
4	6.72	n.a.	0.008	0.005	0.07	n.a.	bVB
5	7.83	Sulfate	40.224	7.670	96.42	[illegible]	BMB
Total:			43.213	7.952	100.00	[illegible]	

21 CCV2

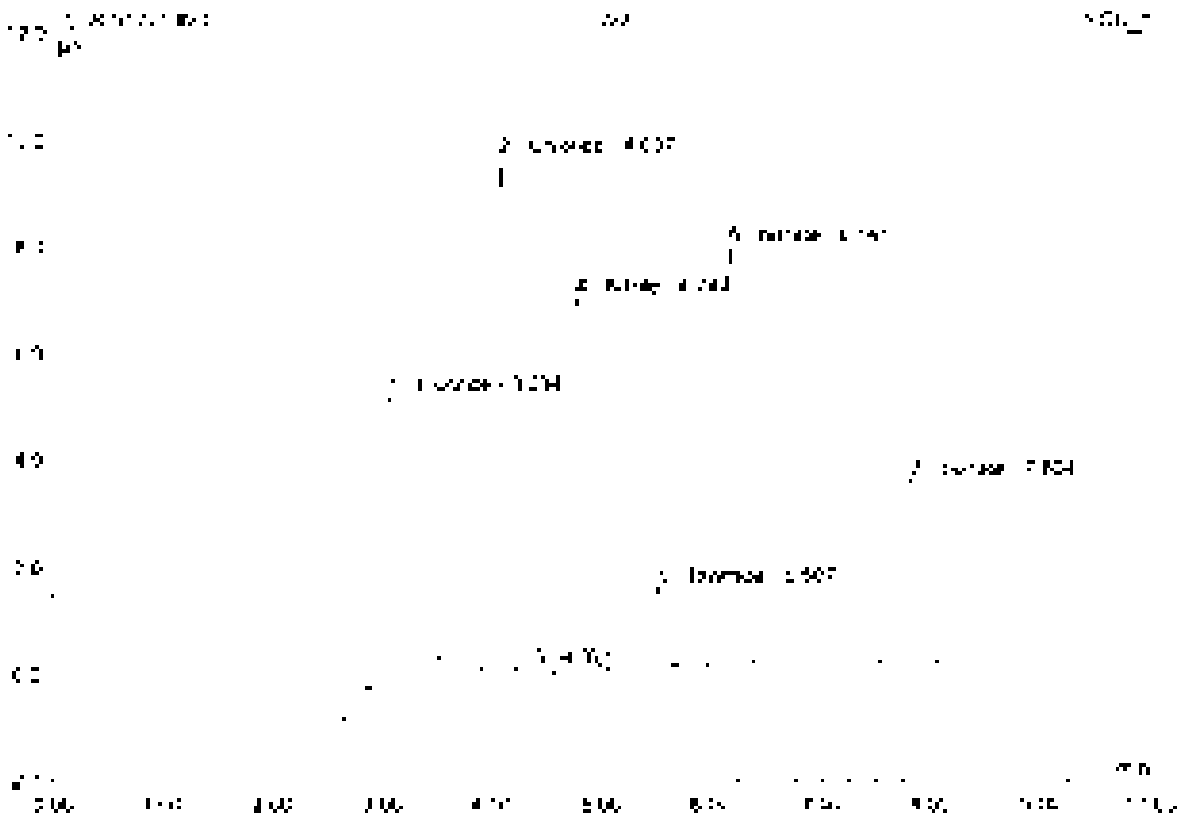
Sample Name	CCV2	Injected Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	9/1/2021 16:18	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.03	Fluoride	5.423	[illegible]	26.25	5.254	BMB'
2	4.04	Chloride	9.610	0.972	17.38	4.779	BMB'
3	4.37	n.a.	0.309	0.006	0.13	n.a.	BMB
4	4.76	Nitrite	6.978	0.566	10.12	2.509	BMB
5	5.51	Bromide	1.504	0.170	3.03	2.416	BMB
6	6.14	Nitrate	7.537	1.262	22.57	2.418	BMB
7	7.50	Sulfate	3.358	0.648	11.57	5.048	BMB
Total:			34.875	5.591	100.00	22.403	

21 CCV2

Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/17/2021 16:16	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



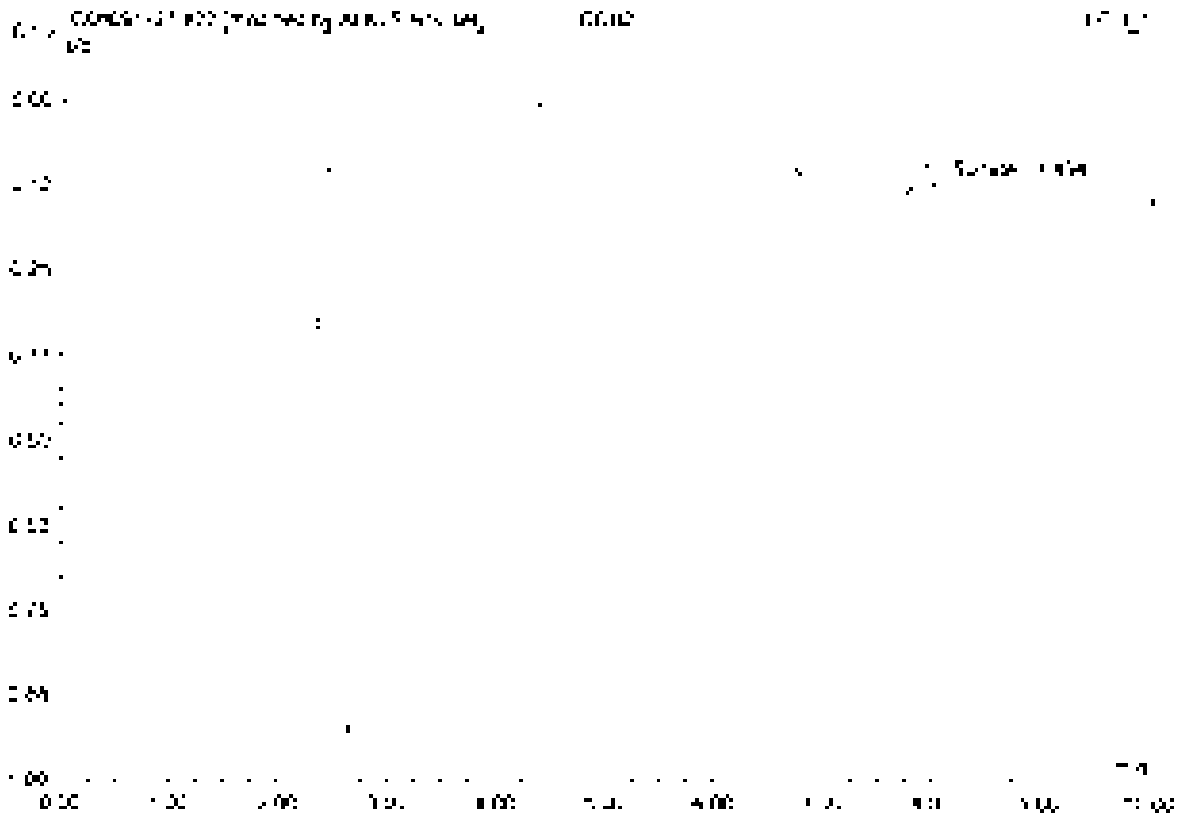
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	5.458	1.215	25.51	5.599	BMB
2	4.04	Chloride	9.810	0.872	18.69	4.779	BMB
3	4.37	n.a.	0.069	0.006	0.13	n.a.	BMB
4	4.75	Nitrite	6.978	0.866	18.17	2.500	BMB
5	5.51	Bromide	1.504	0.183	3.70	2.475	BMB
6	6.78	Nitrate	2.817	1.068	21.08	2.419	BMB
7	7.80	Sulfate	2.395	0.648	13.15	5.049	BMB
Total			34.854	4.933	100.00	22.825	

Before

SEP 20

22 CCB2

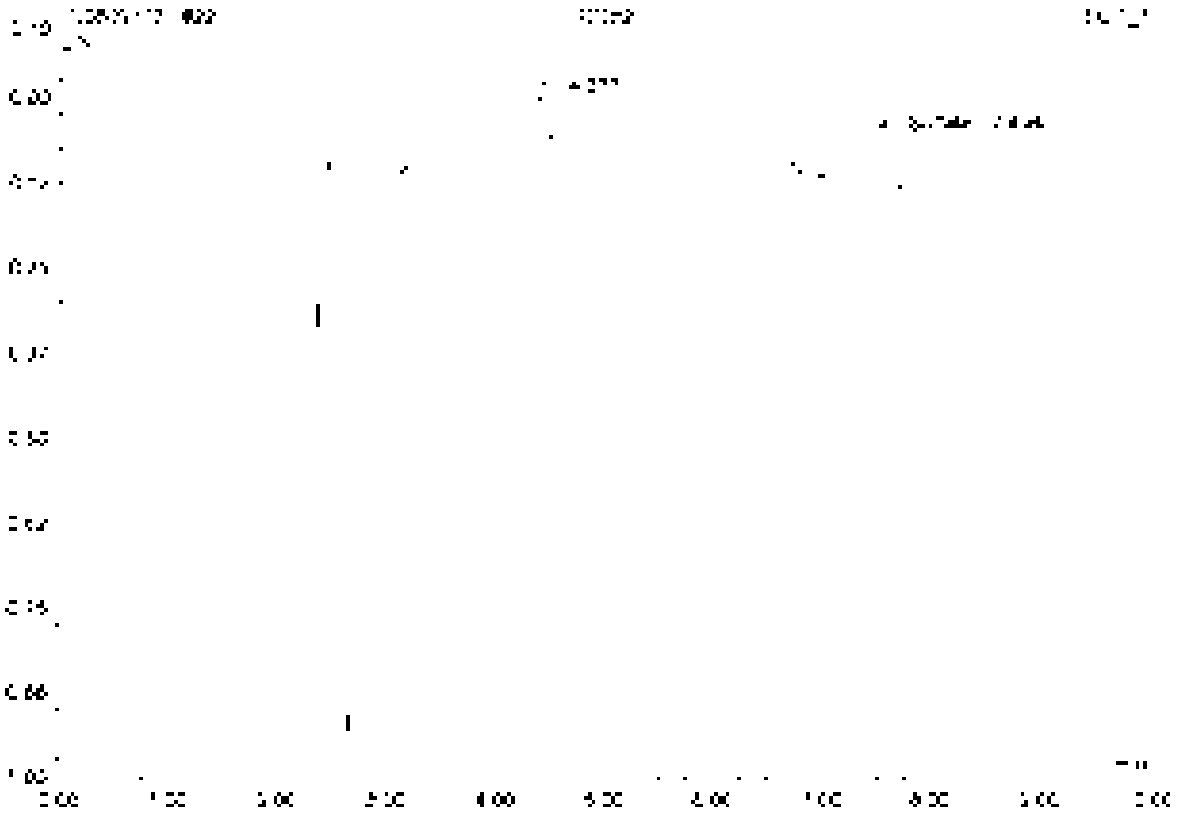
Sample Name	CCB2	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Running Time	8/17/2021 16:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	S/Tate	[illegible]	[illegible]	100.00	[illegible]	BMB*
Total:			[illegible]	[illegible]	100.00	[illegible]	

22 CCB2

Sample Name	CCB2	Injection Volume	25.0
Vial Number	69	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	9/17/2021 16:28	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



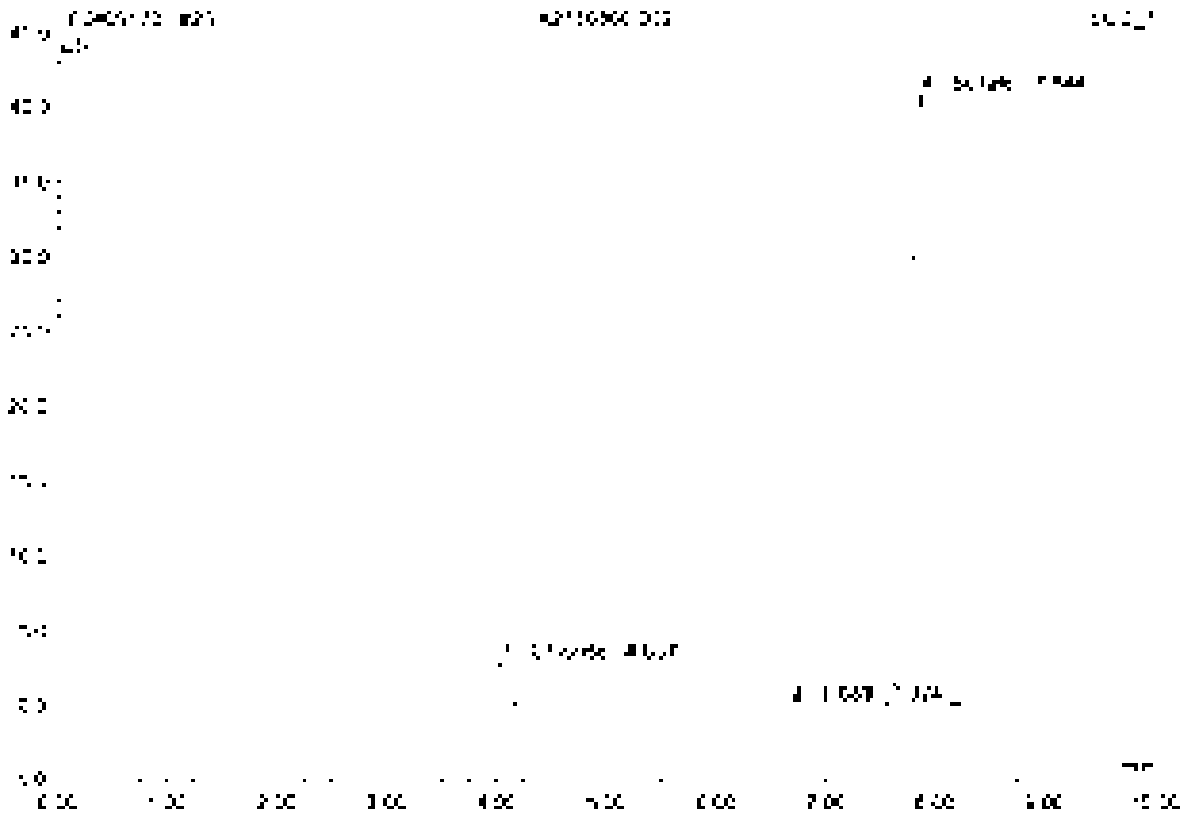
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.38	n.a.	0.506	[illegible]	98.85	n.a.	BMB
2	7.49	Sulfate	0.074	0.031	[illegible]	0.161	BMB
Total:			0.581	1.916	100.00	0.161	

Before

SFP 2 C

23 K2110360-002

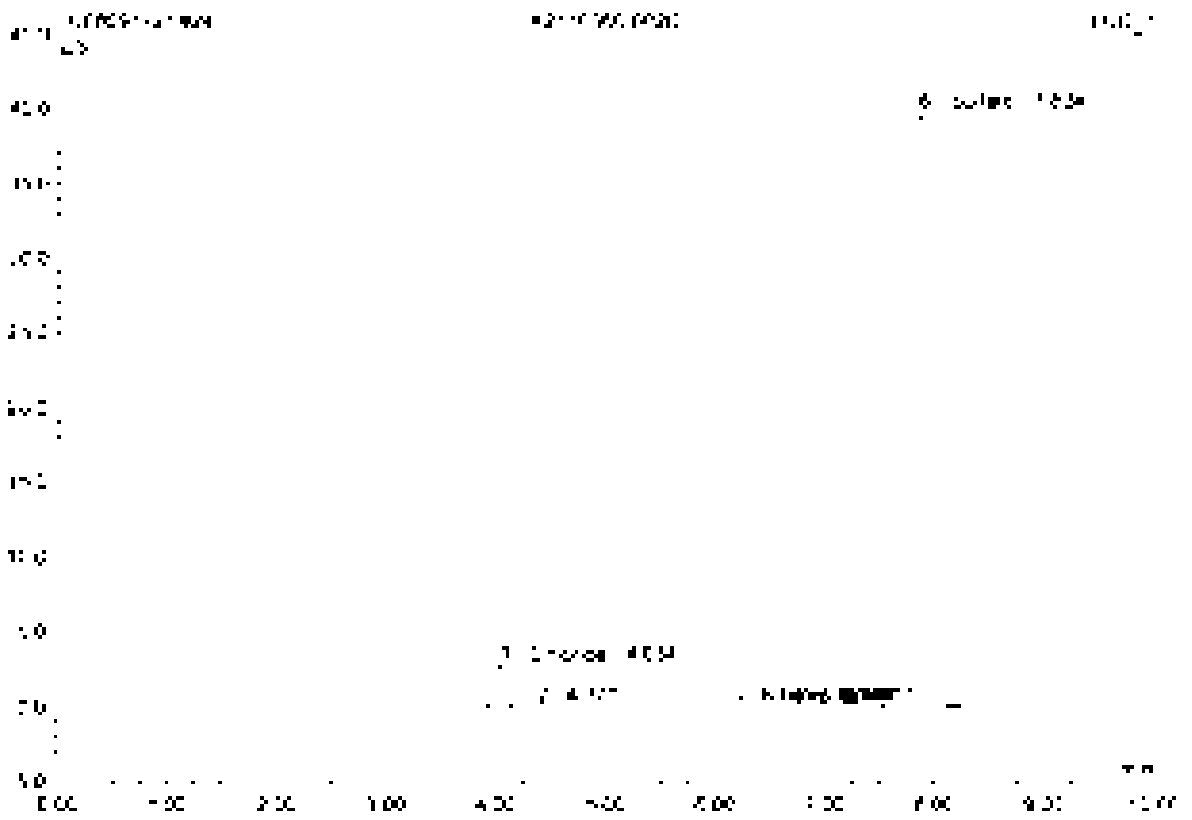
Sample Name	K2110360-002	Injection Volume	25.0
Vial Number	11	Channel	EC01 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	30.0000
Recording Time	9/17/2021 16:38	Sample Weight	1.0000
Run Time (min)	30.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	2.867	0.256	3.40	29.107	BMB
2	6.58	n.a.	0.021	0.002	0.03	n.a.	BMB
3	7.32	n.a.	0.021	0.006	0.08	n.a.	BMB
4	7.94	Sulfate	40.757	7.455	96.48	1'161.240	BMB
Total:			43.666	7.737	100.00	1'190.347	

24 K2110360-002D

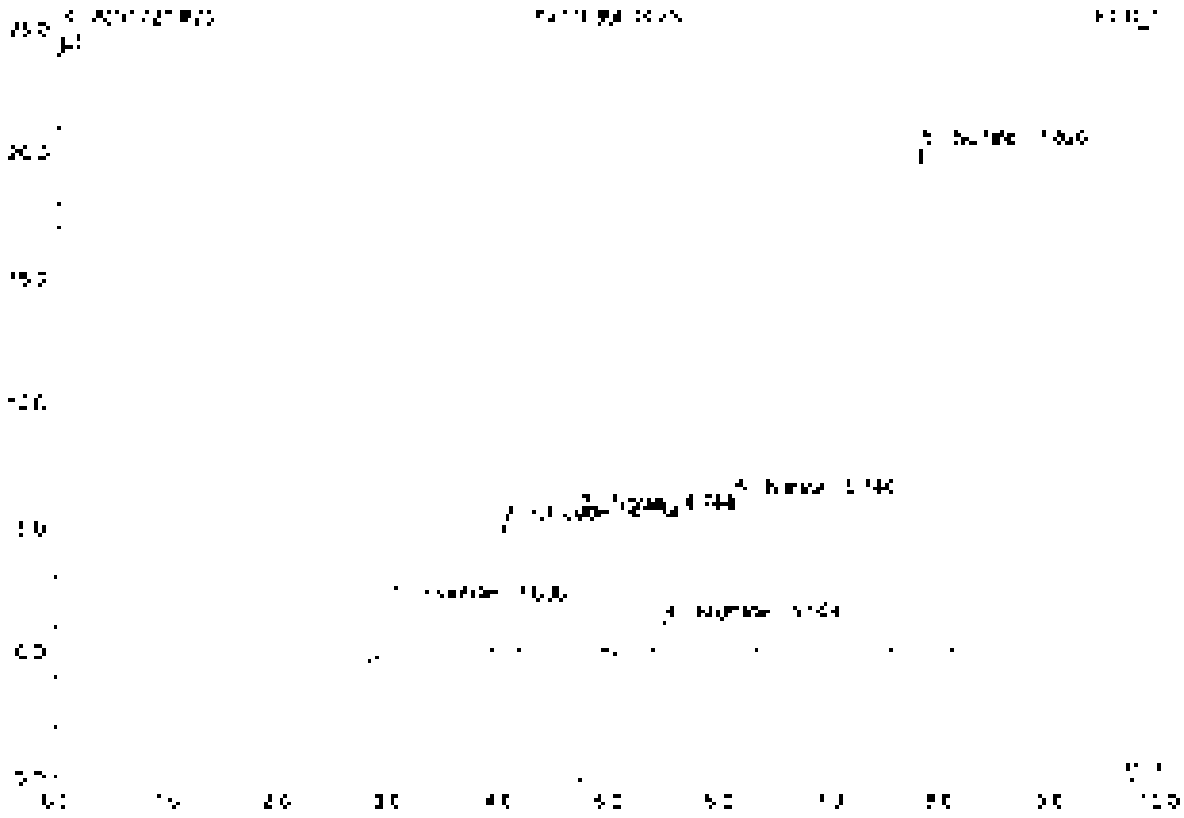
Sample Name	K2110360-002D	Injection Volume	25.0
Vial Number	17	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Original Method	epa300	Dilution Factor	20.0000
Recording Time	5/21/2021 16:51	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.03	Chloride	9.708	0.364	3.43	28.466	BMB
2	4.37	n.a.	0.058	0.006	0.08	n.a.	BMB
3	6.14	Nitrate	0.055	0.007	0.09	0.305	BMB
4	6.66	n.a.	0.031	0.007	0.09	n.a.	BMB
5	7.17	n.a.	0.031	0.007	0.09	n.a.	BMB
6	7.91	Sulfate	30.715	7.289	96.32	1194.894	BMB
Total:			42.684	7.575	100.00	1163.665	

25 K2110360-0025

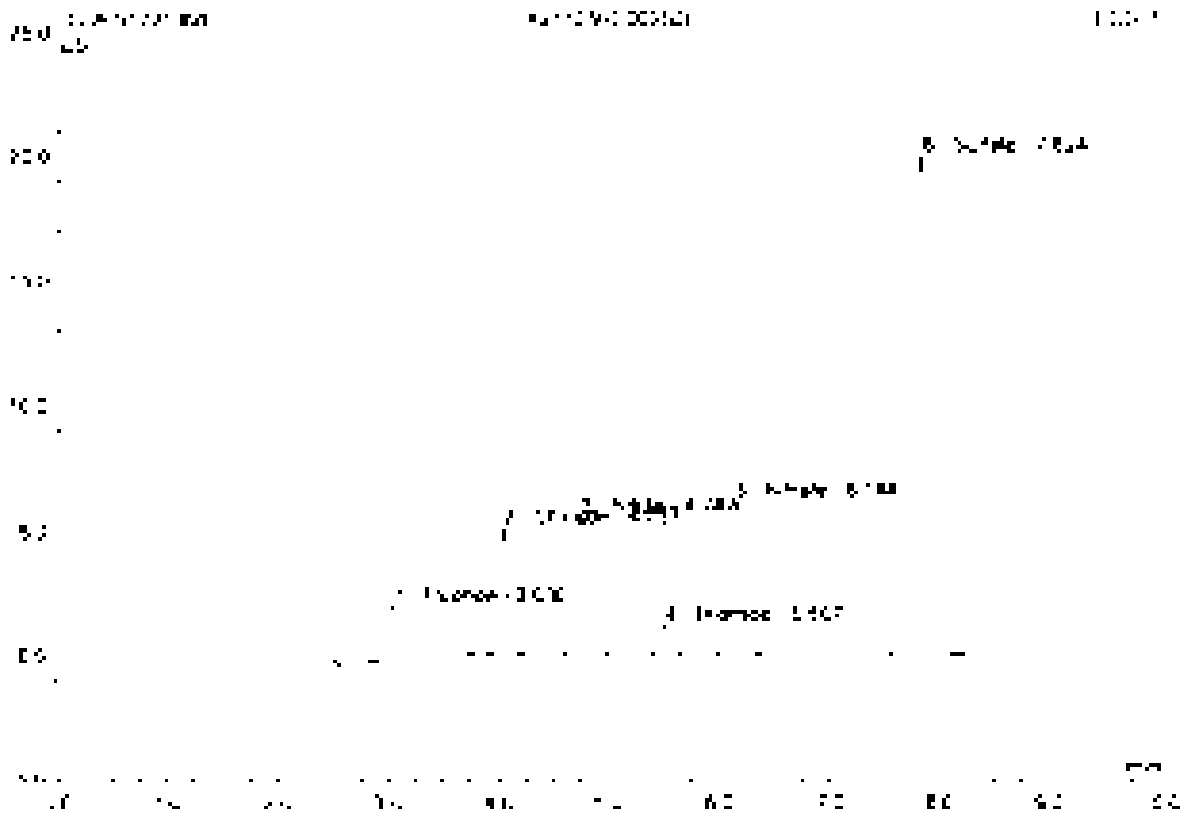
Sample Name	K2110360-0025	Injection Volume	25.0
Vial Number	13	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	40.0000
Recording Time	5/17/2021 17:07	Sample Weight	1.0000
Run Time (min)	40.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.33	Fluoride	2.232	0.570	8.93	[illegible]	BMB
2	4.33	Chloride	5.145	0.434	7.34	[illegible]	BMB
3	4.74	Nitrite	5.554	0.770	11.91	[illegible]	BMB
4	5.50	Bromide	1.276	0.148	2.32	[illegible]	BMB
5	6.14	Nitrate	6.188	0.251	3.93	[illegible]	BMB
6	7.62	Sulfate	20.225	3.703	57.36	[illegible]	BMB
Total			40.563	6.455	100.00	[illegible]	

26 K2110360-002SD

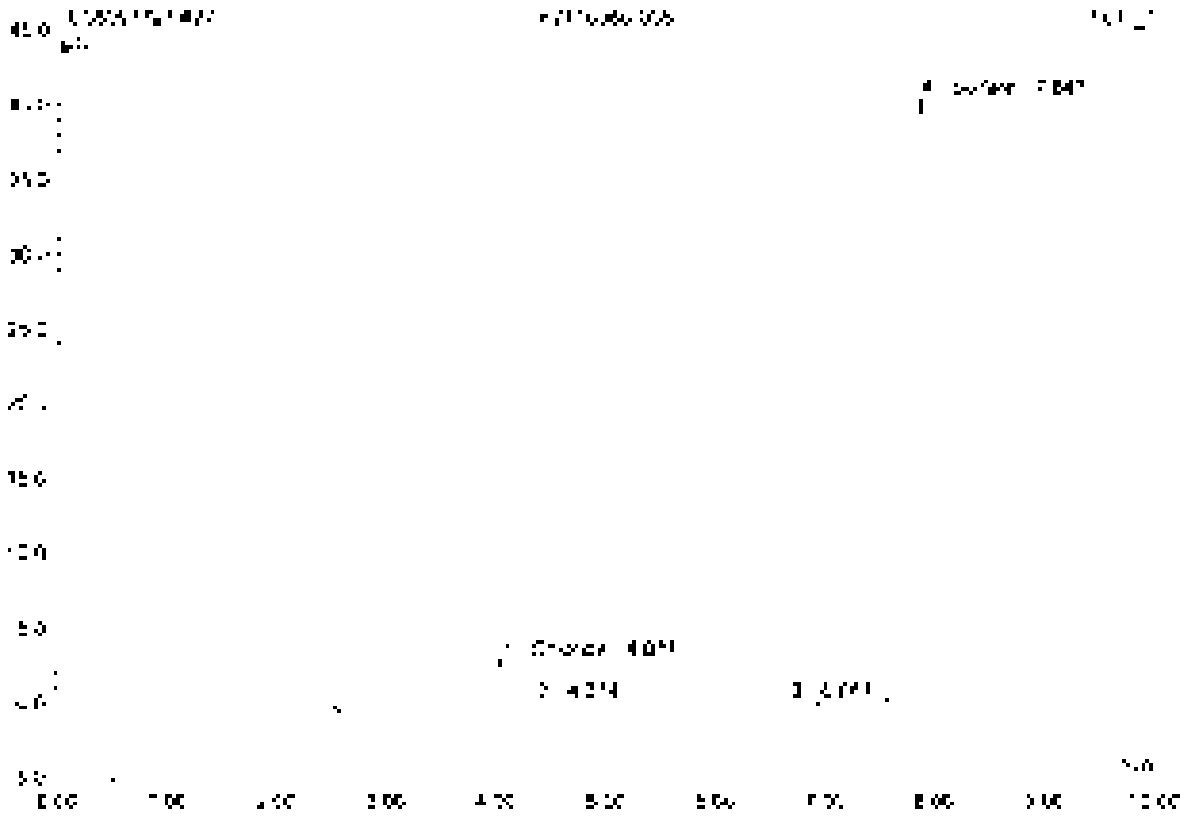
Sample Name	K2110360-002SD	Injection Volume	25.0
Vial Number	14	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	40.0000
Recording Time	9/17/2021 17:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	2.242	0.573	8.93	[illegible]	BMB
2	4.04	Chloride	5.724	0.472	7.36	163.460	BMB
3	4.75	Nitrite	5.555	0.712	11.10	79.708	BMB
4	5.51	Bromide	1.275	0.148	2.30	80.044	BMB
5	6.74	Nitrate	6.786	0.551	10.26	95.552	BMB
6	7.82	Sulfate	20.009	3.656	57.05	[illegible]	BMB
Total:			40.335	5.414	100.00	1581.539	

27 K2110360-005

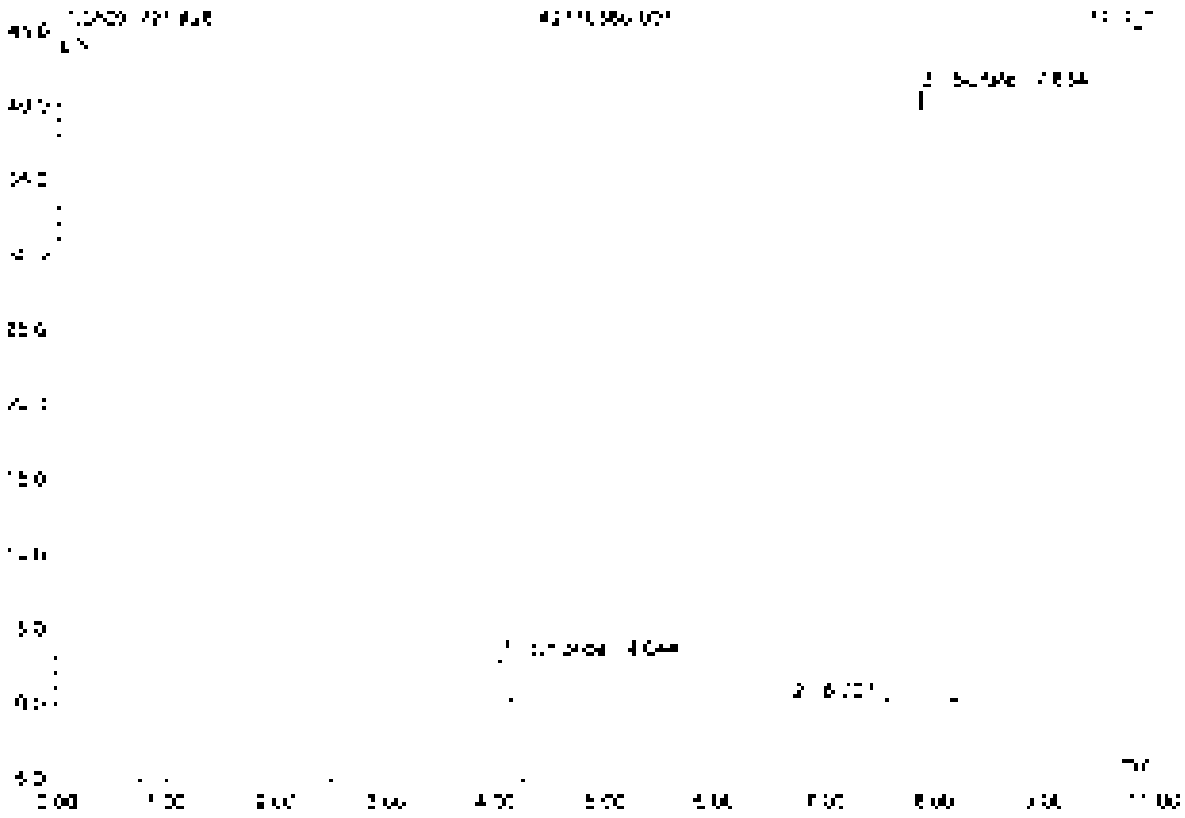
Sample Name	K2110360-005	Injection Volume	25.0
Vial Number	15	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	9/9/2021 17:26	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	0.830	0.264	3.45	28.662	BMB
2	4.37	n.a.	0.051	0.005	0.07	n.a.	BMB
3	6.69	n.a.	0.040	0.006	0.12	n.a.	BMB
4	7.85	Sulfate	40.356	7.364	96.37	[illegible]	BMB
Total:			43.278	7.647	100.00	[illegible]	

28 K2110360-007

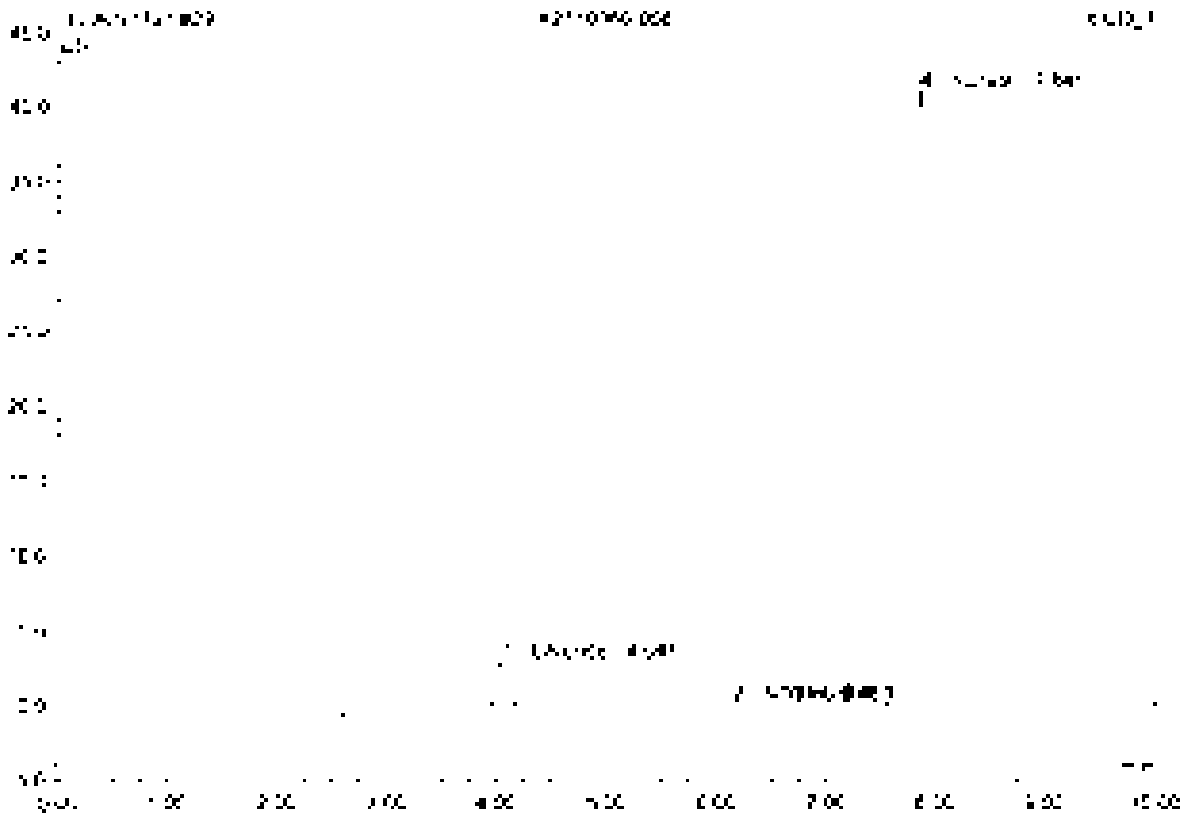
Sample Name	K2110360-007	Injection Volume	25.0
Inj. Number	10	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quantif. Method	spa300	Dilution Factor	20.0000
Recording Time	9/17/2021 17:59	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	2.845	0.264	3.39	28.894	BV8
2	[illegible]	n.a.	0.026	0.006	0.08	n.a.	BV8
3	7.85	Sulfate	43.574	7.511	96.53	1158.434	PW8
Total:			43.744	7.781	100.00	1187.328	

29 K2110360-008

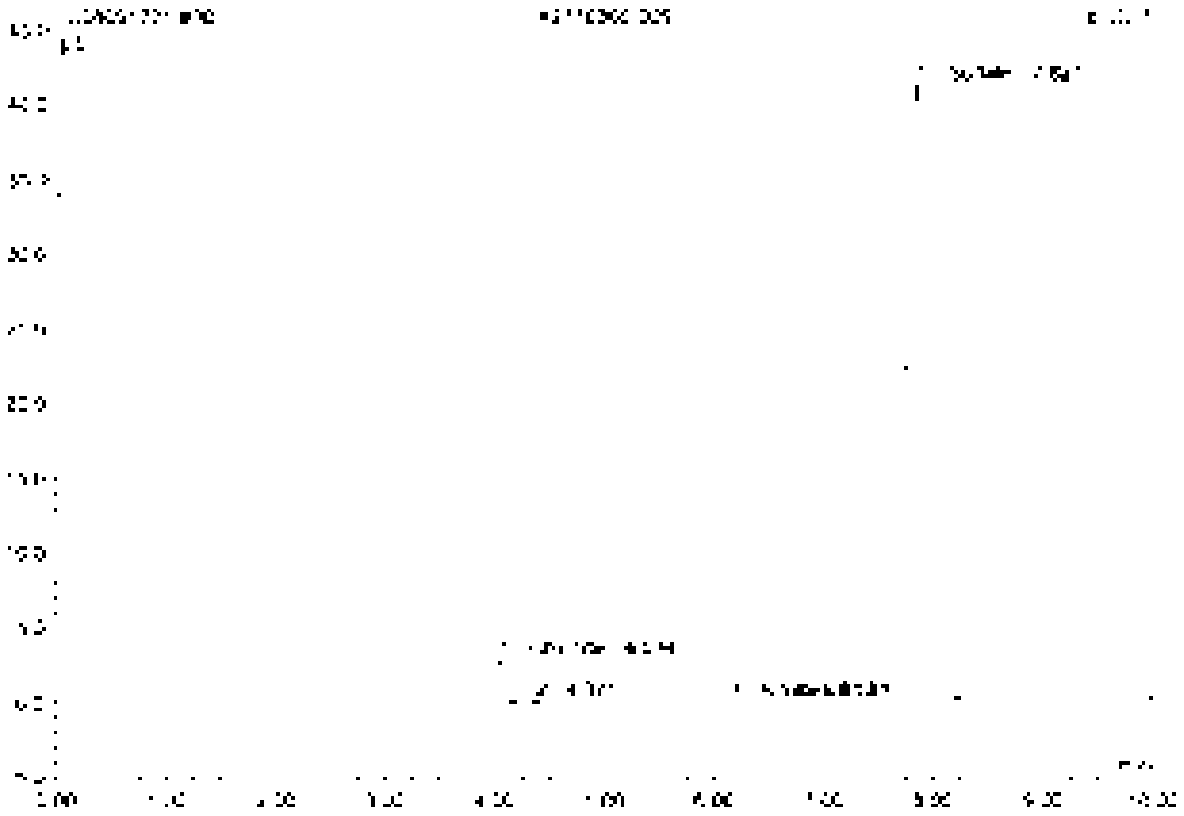
Sample Name	K2110360-008	Injection Volume	25.0
Vial Number	17	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	50.0000
Recording Time	9/17/2021 15:11	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	0.850	0.055	3.40	29.011	BMB
2	6.15	Nitrate	0.040	0.006	0.38	0.267	BMB
3	6.69	n.a.	0.029	0.007	0.39	n.a.	BMB
4	7.84	Sulfate	49.838	1.514	96.84	1109.955	BMB
Total:			49.759	1.563	100.00	1139.233	

30 K2110360-009

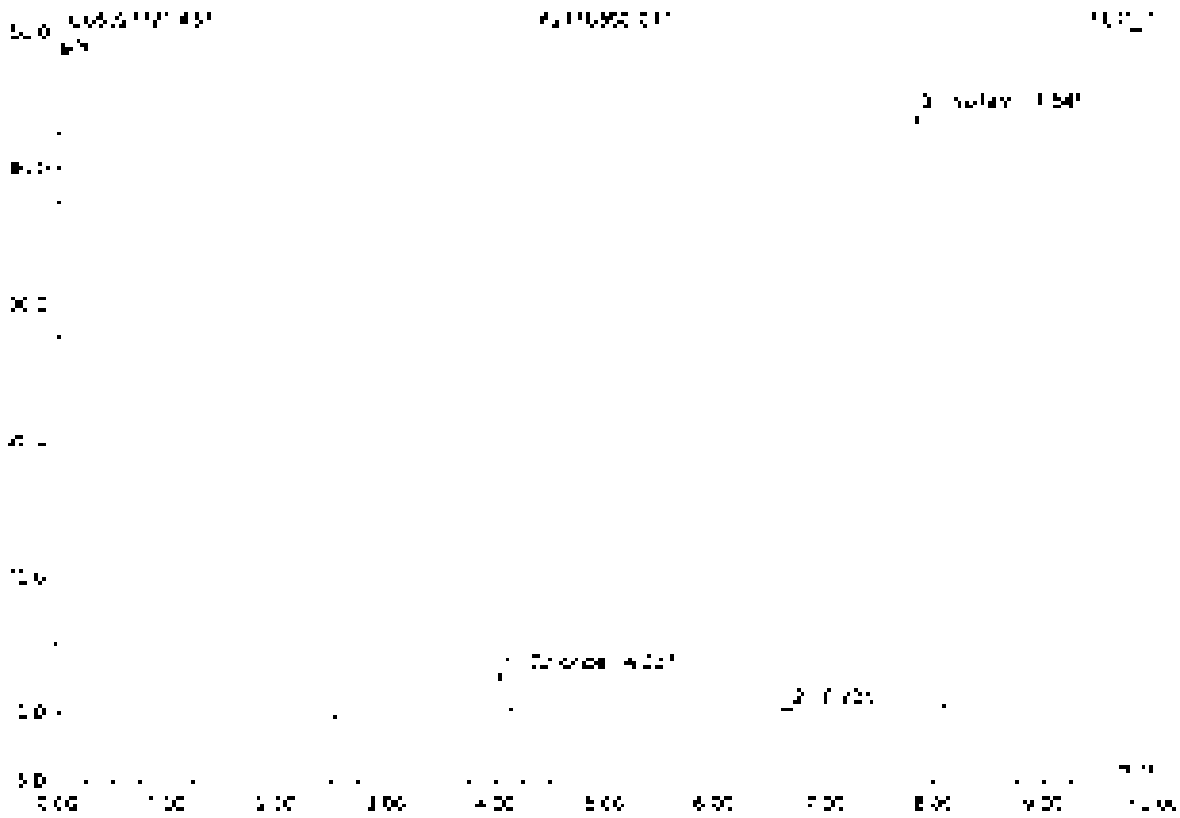
Sample Name	K2110360-009	Injection Volume	25.0
Vial Number	18	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	20.0000
Recording Time	9/17/2021 18:32	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.03	Chloride	2.385	0.765	3.25	29.010	BMB
2	4.37	n.a.	0.075	0.007	0.03	n.a.	BMB
3	5.14	Nitrate	0.020	0.003	0.01	0.244	BMB
4	5.72	n.a.	0.047	0.011	0.10	n.a.	BMB
5	7.53	Sulfate	41.209	7.684	96.41	1227.419	BMB
Total:			44.236	8.173	100.00	1256.793	

31 K2110360-011

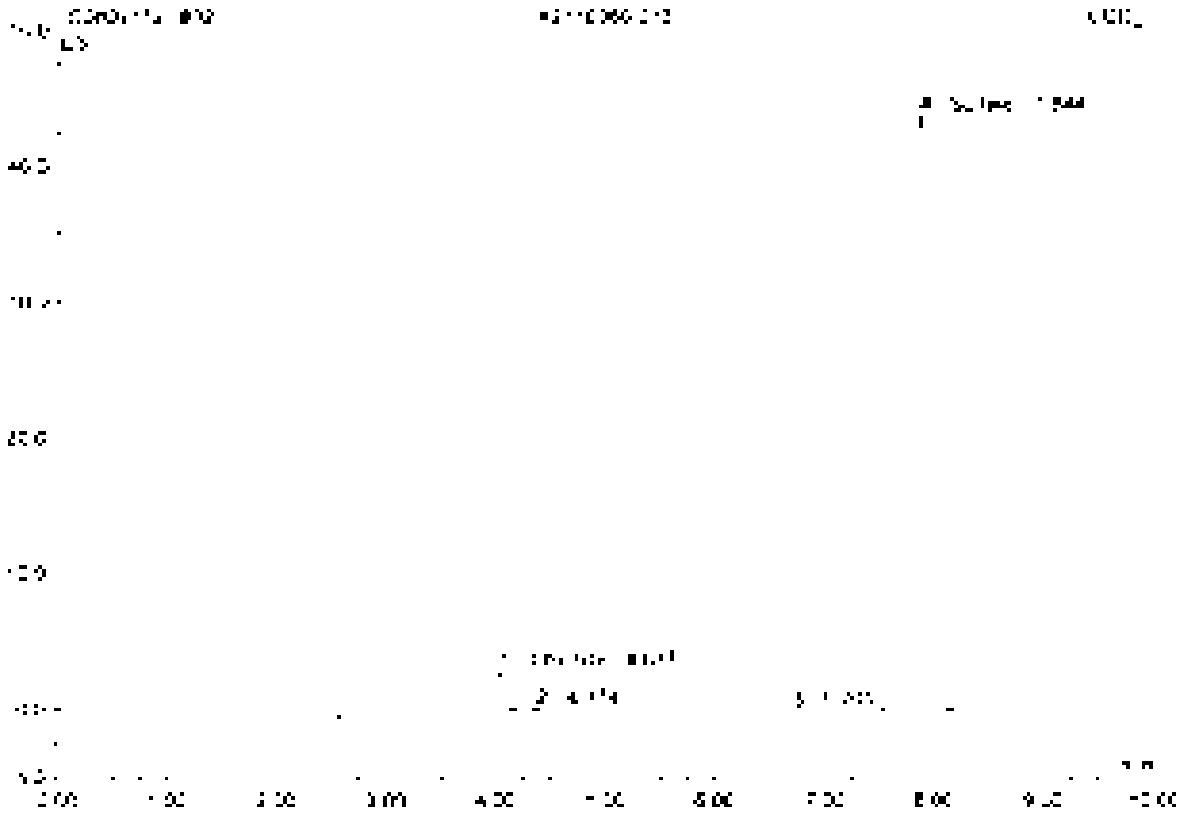
Sample Name	K2110360-011	Injection Volume	25.0
Vial Number	19	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	50.0000
Recording Time	9/17/2021 18:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.84	Chlorate	2.840	0.264	2.16	25.253	BMB
2	6.70	n.a.	0.054	0.012	0.14	n.a.	BMB
3	7.84	Sulfate	43.750	5.041	96.69	1758.428	BMB
Total:			46.649	5.315	100.00	1783.680	

32 K2110360-013

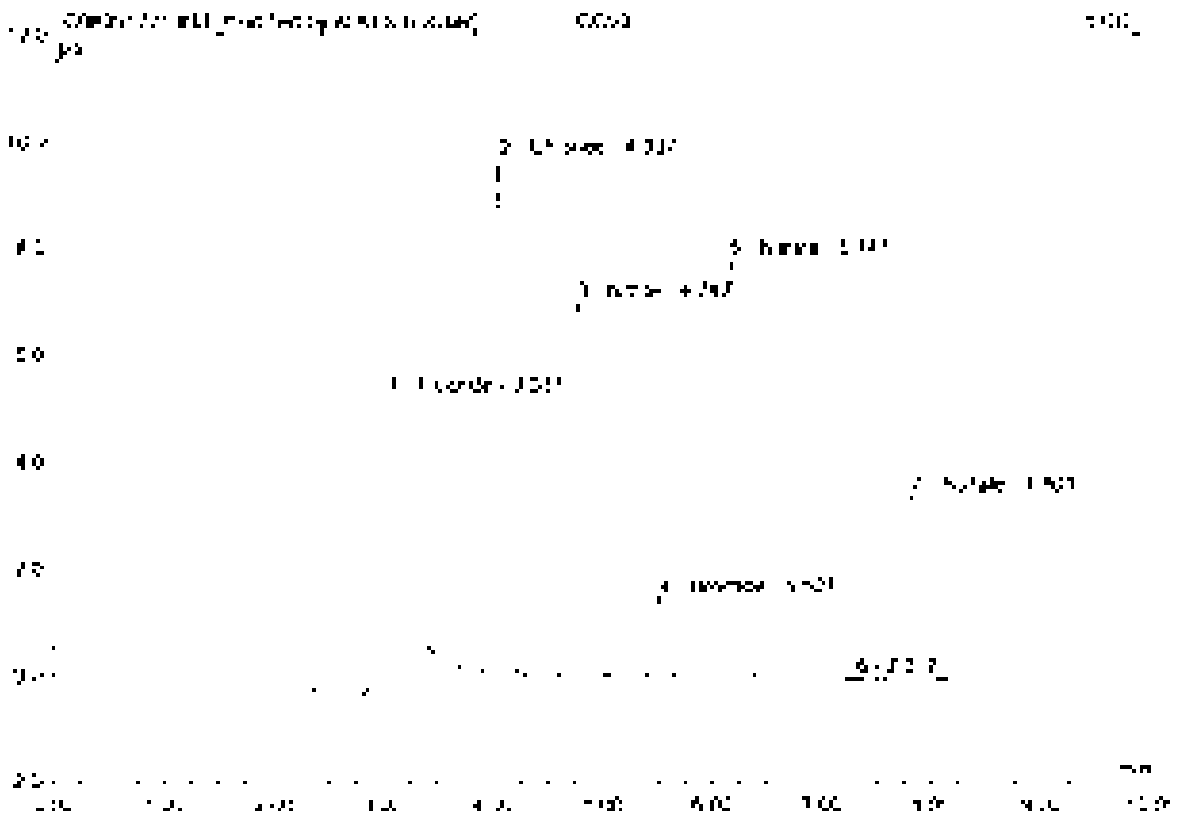
Sample Name	K2110360-013	Injection Volume	25.0
Vial Number	20	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	30.0000
Analyzing Time	9/17/2021 18:46	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	2.820	0.267	3.23	29.286	BMB
2	4.37	n.a.	0.021	0.008	0.10	n.a.	BMB
3	6.70	n.a.	0.045	0.011	0.13	n.a.	BMB
4	7.84	Sulfate	43.220	8.021	96.53	1253.142	BMB
Total:			46.106	8.307	100.00	1282.427	

33 CCV3

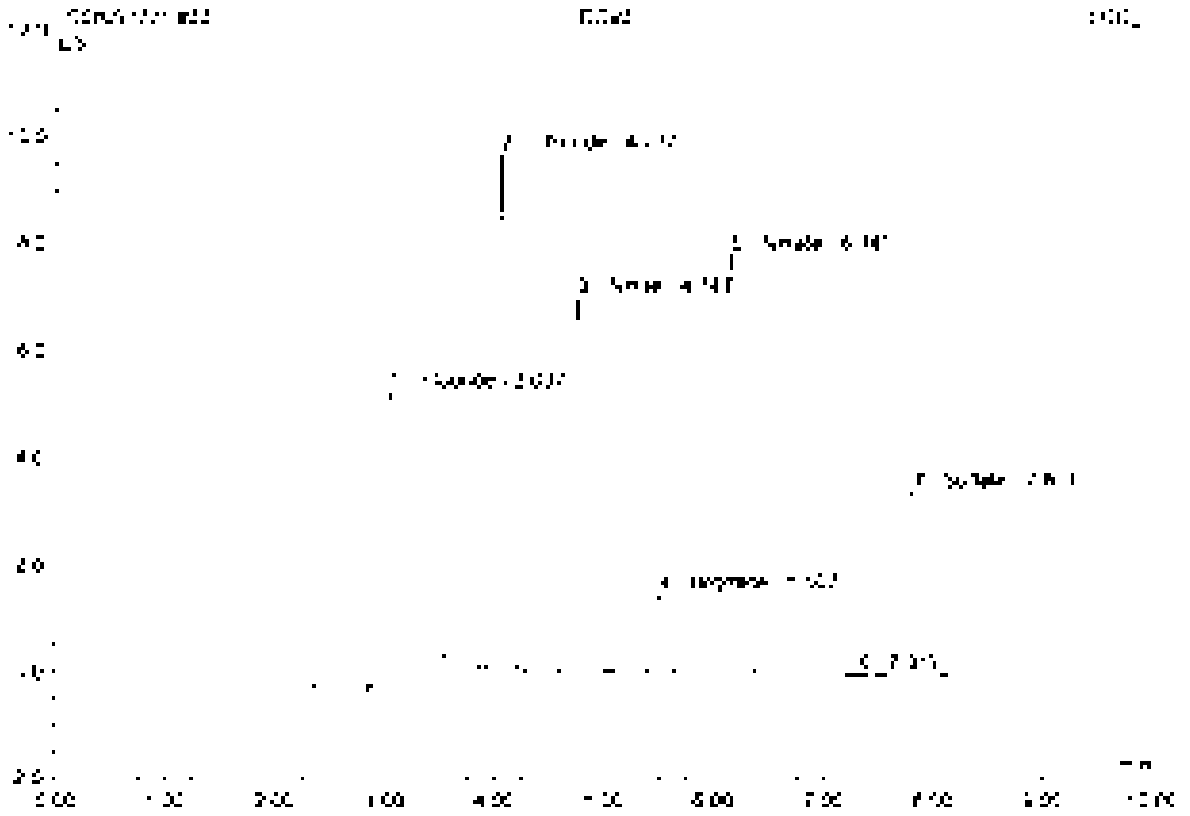
Sample Name	CCV3	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant. Method	apa300	Dilution Factor	1.0000
Processing Time	9/17/2021 10:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.34	Fluoride	5.468	1.210	24.19	5.355	BMB*
2	4.34	Chloride	9.649	0.878	17.54	4.370	BMB*
3	4.95	Nitrite	7.009	0.966	19.31	7.517	BMB
4	5.57	Bromide	1.505	0.182	3.72	2.464	BMB
5	6.74	Nitrate	7.880	1.070	21.38	2.421	BMB
6	7.32	n.a.	0.000	0.006	0.13	n.a.	BMB*
7	7.80	Sulfate	2.449	0.645	13.17	5.015	BMB
Total			34.551	4.893	100.00	22.626	

33 CCV3

Sample Name	CCV3	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/17/2021 18:57	Sample Weight	1.0000
Run Time (min)	40.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.34	Fluoride	5.494	1.278	25.78	5.696	BMB
2	4.34	Chloride	9.649	3.578	17.71	6.810	BMB
3	4.75	Nitrite	7.005	3.939	19.13	2.517	BMB
4	5.51	Bromide	1.505	0.182	3.67	2.464	BMB
5	6.14	Nitrate	7.840	1.070	21.58	2.421	BMB
6	7.32	n.a.	0.030	0.006	0.13	n.a.	BMB
7	7.80	Sulfate	3.449	0.645	13.50	5.018	BMB
Total:			34.578	4.958	100.00	22.915	

Reviewed

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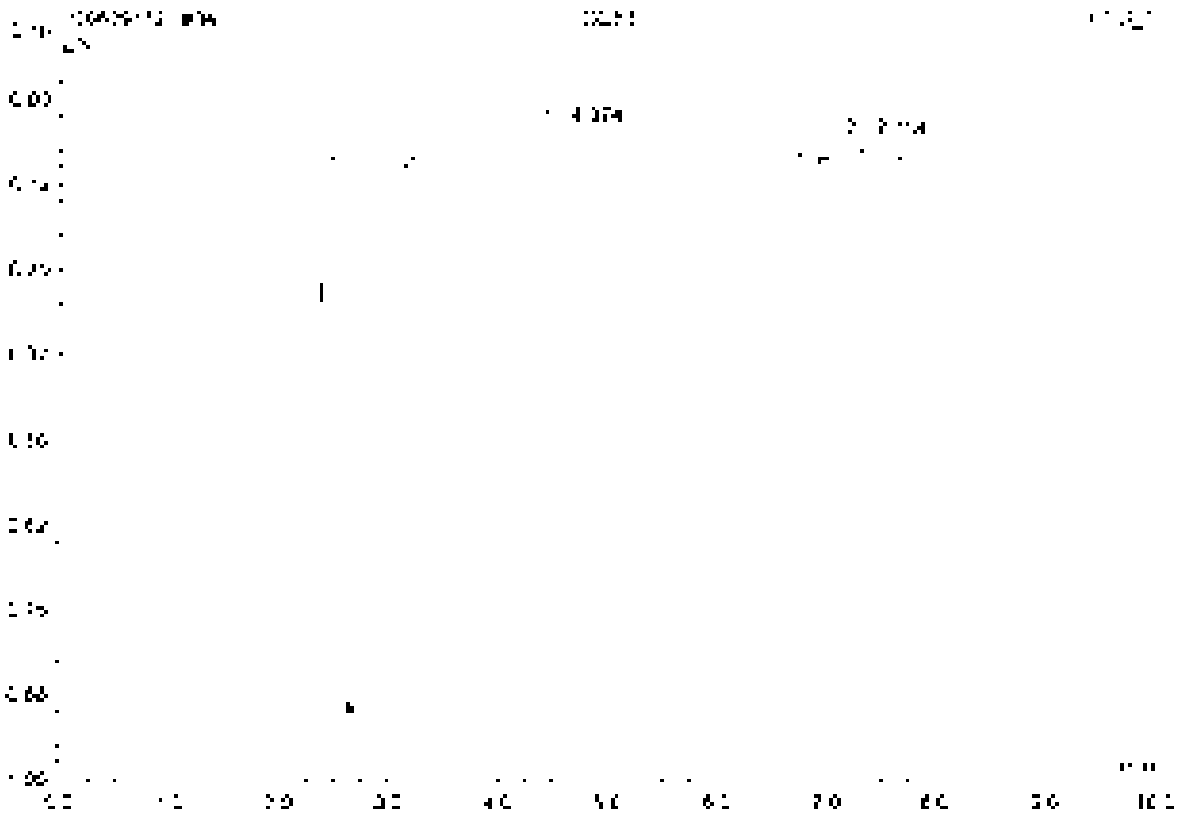
34 CCB3

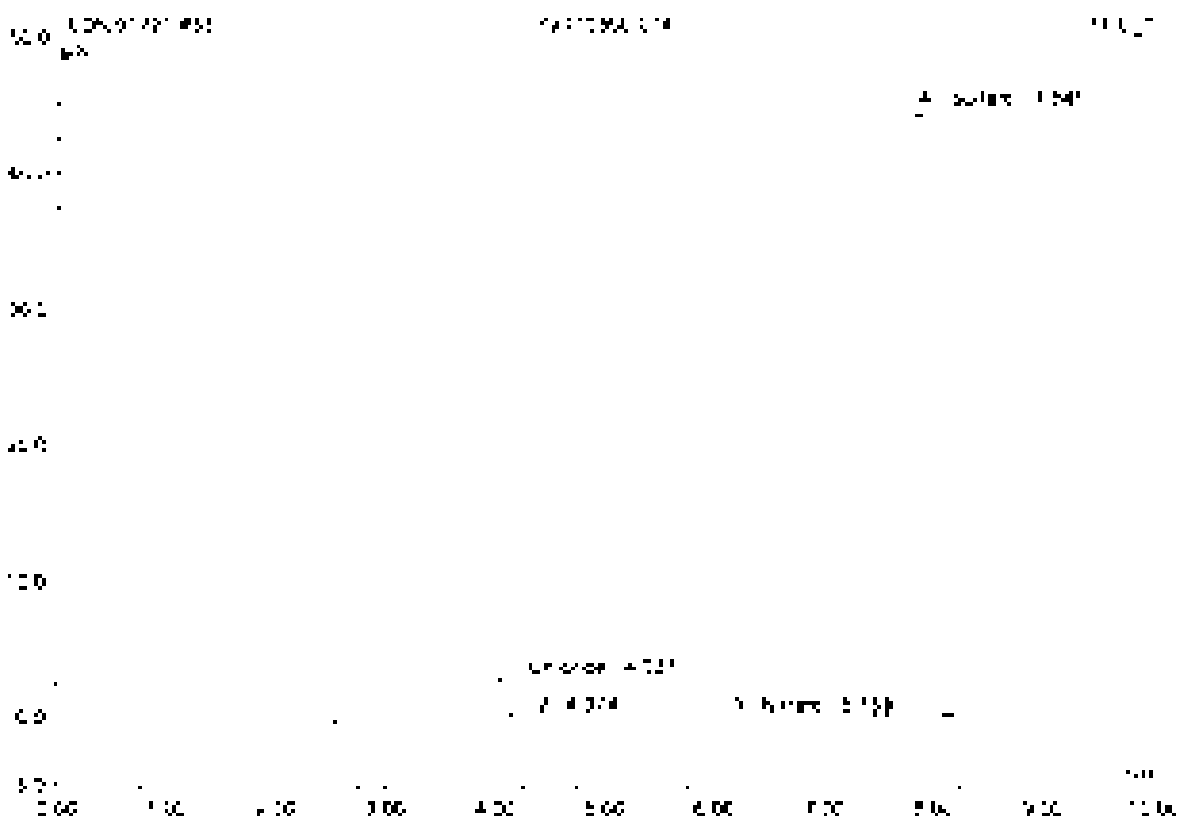
Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	FCID 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Processing Time	9/3/2021 10:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.07	n.a.	0.536	1.722	99.70	n.a.	BMB
2	7.15	n.a.	0.005	0.005	0.30	n.a.	BMB
Total:			0.541	1.727	100.00	0.000	

35 K2110360-014

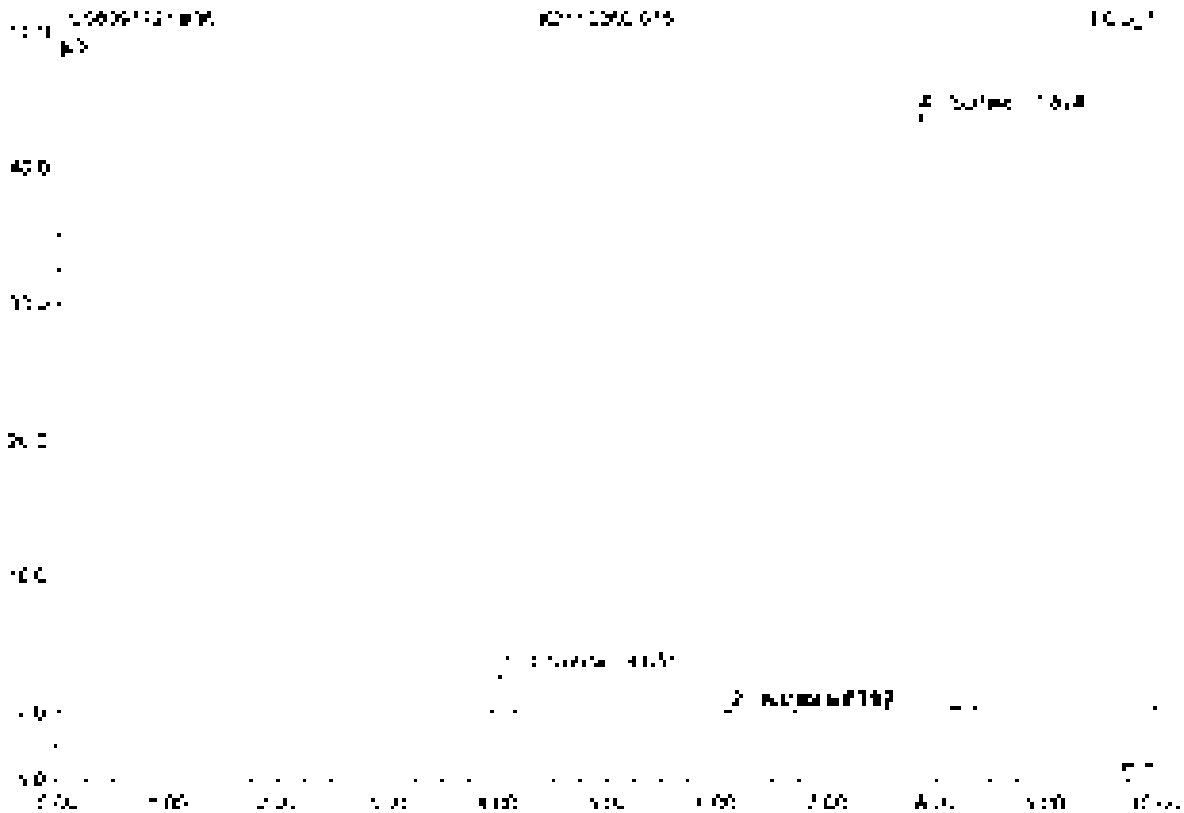
Sample Name	K2110360-014	Injection Volume	25.0
Vial Number	31	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Count Method	epa300	Dilution Factor	20.0000
Recording Time	9/17/2021 19:21	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	2.602	0.262	3.15	39.319	BMB
2	4.37	n.a.	0.725	0.071	0.86	n.a.	BMB
3	6.15	Nitrate	0.045	0.007	0.08	0.374	BMB
4	7.84	Sulfate	44.578	8.024	96.91	1222.049	BMB
Total:			47.948	8.402	100.00	1261.742	

36 K2110380-015

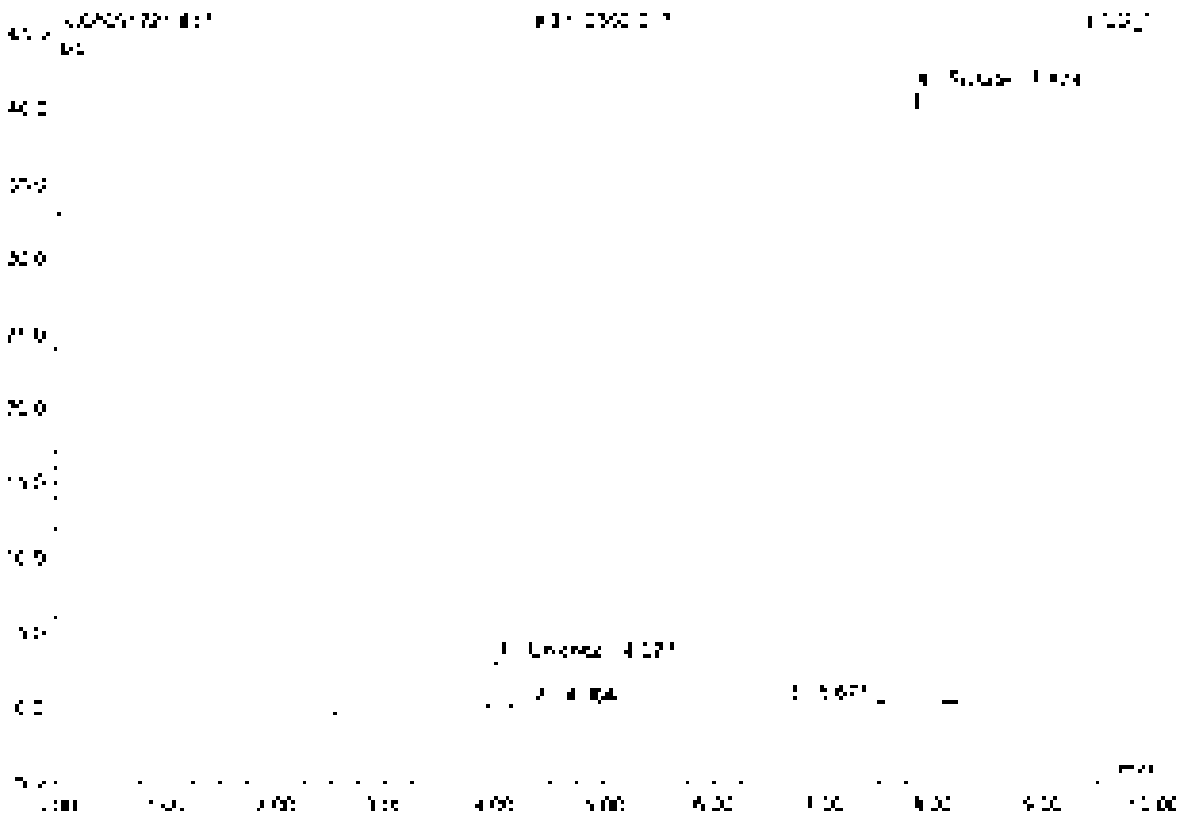
Sample Name	K2110380-015	Injection Volume	25.0
Vial Number	27	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	20.0000
Recording Time	9/3/2021 10:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	RetTime min	Peak Name	Height µS	Area µS*min	RelArea %	Amount	Type
1	4.00	Chloride	2.866	0.265	3.04	25.059	BV0
2	6.74	Nitrate	0.051	0.009	0.10	0.088	BV0
3	6.73	n.a.	0.056	0.012	0.14	n.a.	BV0
4	7.82	Sulfate	43.817	8.426	96.72	134.931	BV0
Total:			46.792	8.712	100.00	134.078	

37 K2110360-017

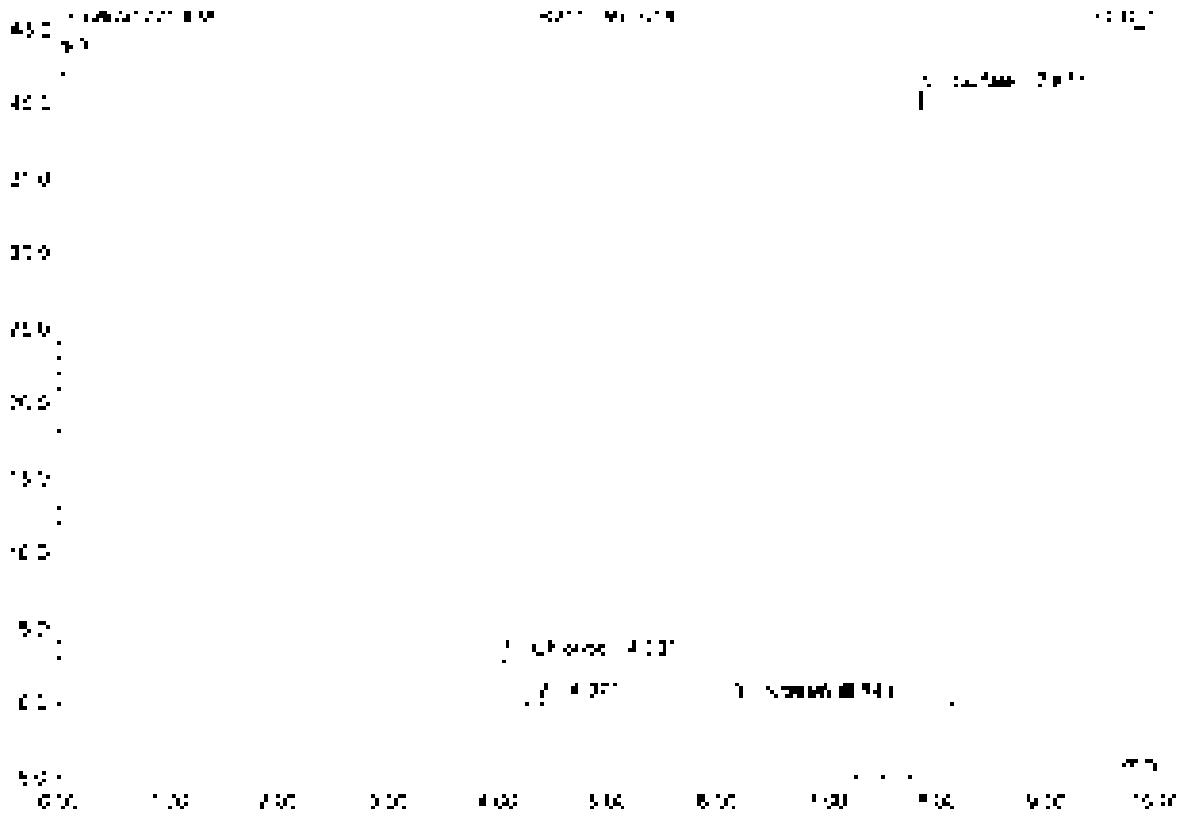
Sample Name	K2110360-017	Injection Volume	35.0
Vial Number	23	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	9/17/2021 19:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.01	Chloride	3.028	0.280	3.61	30.688	BMB
2	4.36	n.a.	0.074	0.007	0.09	n.a.	BMB
3	5.67	n.a.	0.054	0.012	0.16	n.a.	BMB
4	7.22	Sulfate	40.853	7.456	96.14	1160.553	BMB
Total:			44.009	7.756	100.00	1191.242	

38 K2110360-01B

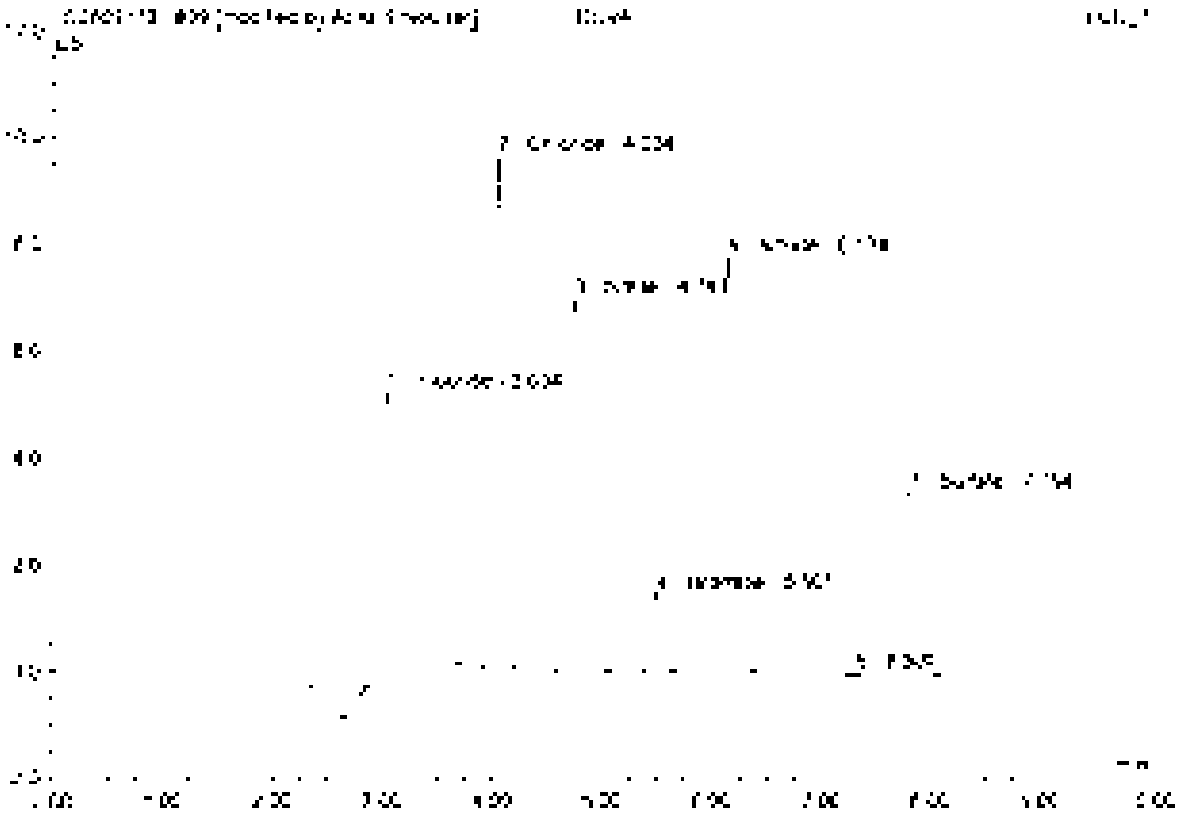
Sample Name	K2110360-01B	Injection Volume	25.0
Vial Number	24	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	9/17/2021 19:55	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.01	Chloride	2.525	0.277	3.52	29.700	BMB
2	4.37	n.a.	0.156	0.016	0.20	n.a.	bMU
3	6.74	Nitrate	0.039	0.005	0.07	0.200	BMR
4	6.67	n.a.	0.049	0.009	0.12	n.a.	BMR
5	7.83	Sulfate	40.839	7.408	95.10	1152.425	BMB
Total			41.998	7.709	100.00	1181.355	

39 CCV4

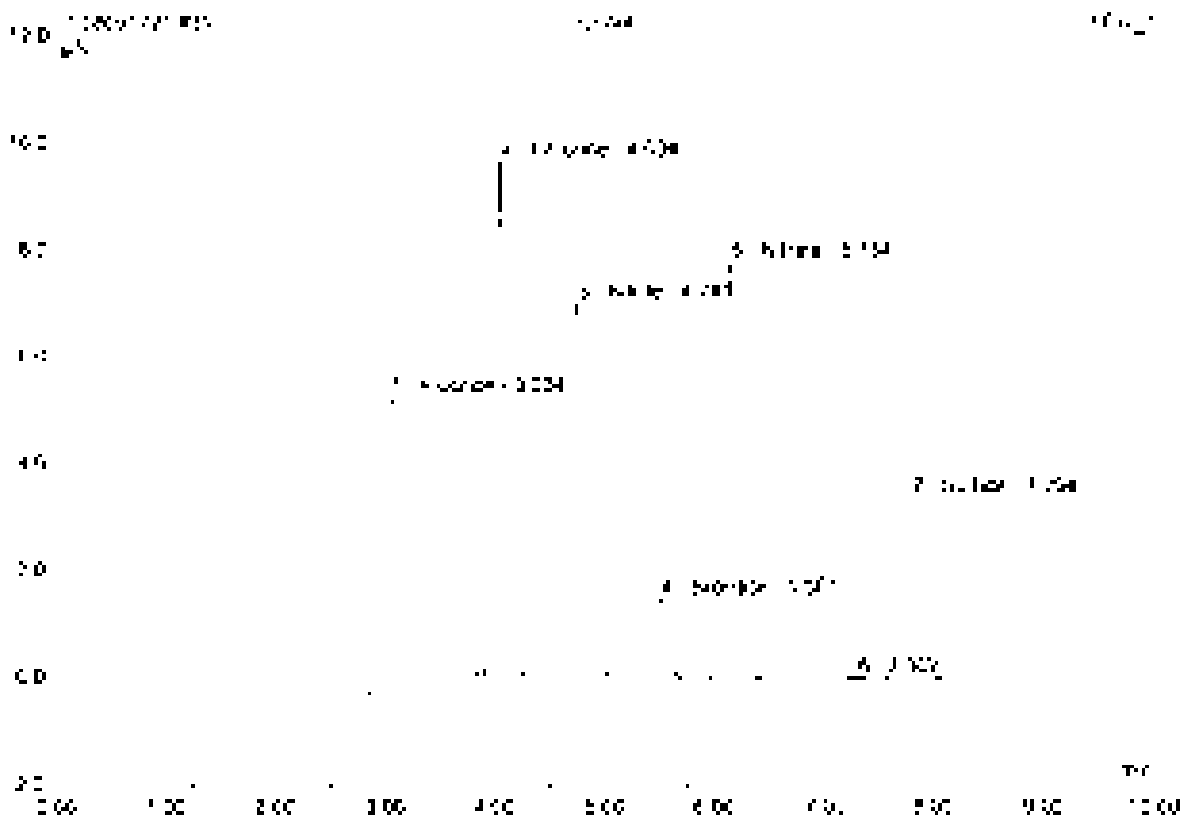
Sample Name	CCV4	Injection Volume	25.0
Vial Number	44	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	9/23/2021 20:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.00	Fluoride	5.652	1.210	24.06	5.081	BMB*
2	4.03	Chloride	9.622	0.873	17.94	4.782	BMB*
3	4.74	Nitrite	6.995	0.896	18.41	2.505	BVB
4	5.50	Bromide	1.499	0.181	3.72	2.453	BMB
5	6.13	Nitrate	7.625	1.065	21.88	2.410	BMB
6	7.31	n.a.	0.313	0.007	0.14	n.a.	BMB
7	7.79	Sulfate	3.421	0.635	13.05	4.946	BVB
Total:			34.831	4.867	100.00	22.481	

39 CCV4

Sample Name	CCV4	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	1.0000
Recording Time	9/17/2021 20:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	5.470	1.274	25.94	5.667	BMB
2	4.03	Chloride	9.022	2.572	52.31	4.762	BMB
3	4.24	Nitrite	6.968	0.896	18.17	2.508	BMB
4	5.50	Bromide	1.459	0.181	3.67	2.453	BMB
5	5.13	Nitrate	7.805	1.063	21.50	2.410	BMB
6	7.21	n.a.	0.030	0.007	0.14	n.a.	BMB
7	7.79	Sulfate	3.921	0.635	12.88	8.945	BMB
Total:			34.658	4.931	100.00	22.757	

Before

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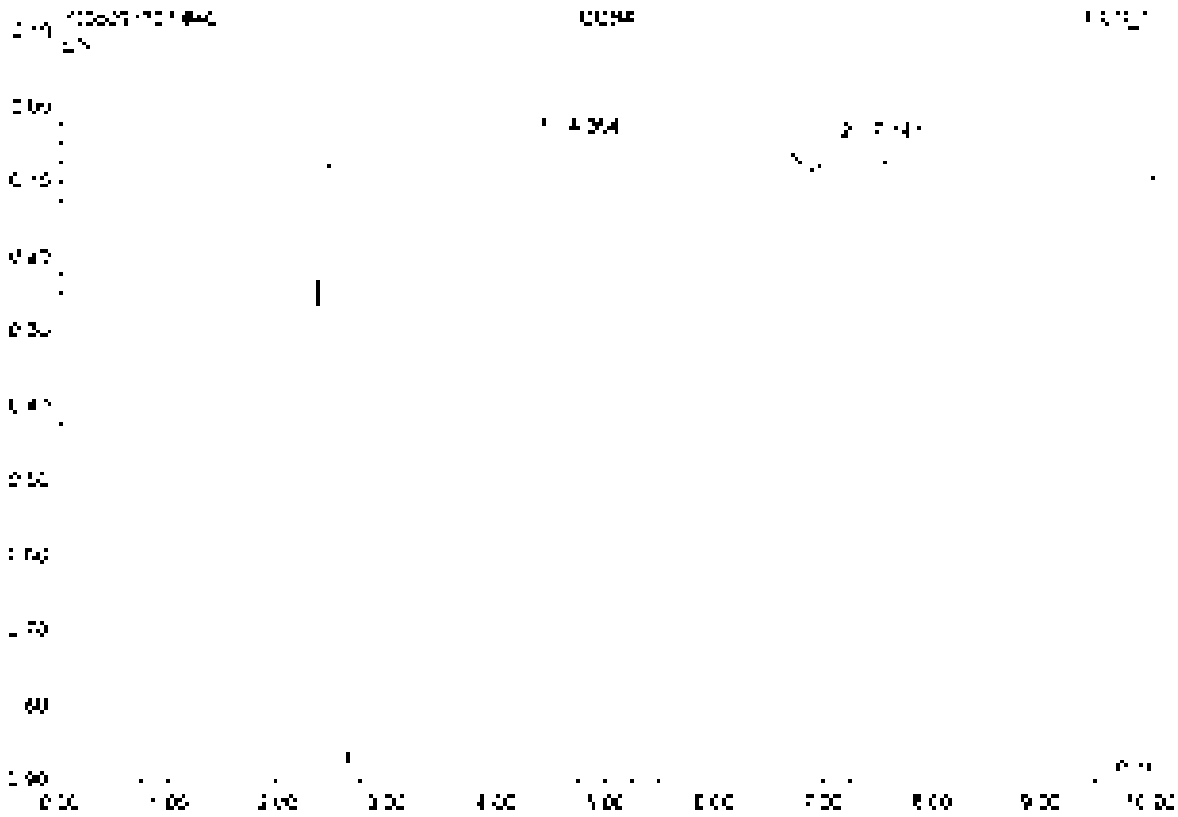
40 CCB4

Sample Name	CCB4	Injection Volume	25.0
Vial Number	40	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Processing Time	9/17/2021 20:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.36	n.a.	0.517	1.650	99.48	n.a.	BMB
2	7.14	n.a.	0.032	0.009	0.52	n.a.	bMB
Total			0.549	1.659	100.00	0.000	

Yes No N/A

Transcription

1. Holding times met for all samples analyzed?

2. Are [illegible] correct?

3. Were [illegible] properly integrated?
   a. Does [illegible] QC/APP apply?
4. Are detection limits reported correctly?

5. Are quantitations correct?

   a. Method blanks, CCVs, CCBs, LCSs, [illegible] and Surrogate [illegible] within [illegible] frequency?
   b. Are CCVs and CCBs within [illegible] acceptance limits?
   c. Are results for Method Blanks ND?
   d. Are QC samples within [illegible] acceptance limits?
      LCSs and MS/MSDs within [illegible] acceptance limits?
   e. Are [illegible]

6. Are samples analyzed correctly? [illegible]

GAS Standard Identification Codes and Abbreviated Descriptions for Chromatograms

D1 Sample was analyzed past the end of measurement holding time. See Nonconformance Report
D2 Sample was [illegible] past holding time. [illegible] was performed [illegible] recommended holding time
D3 Sample was [illegible] past the end of measurement holding time
H1 High RPD [illegible] due to [illegible] sample matrix [illegible]
I Not [illegible] because of [illegible] interference [illegible] and the [illegible] holding
L Sample [illegible] primary [illegible]

LCS	ALS [illegible]	[illegible]	[illegible]
[illegible]	True Value [illegible]	[illegible]	[illegible]
[illegible]	True Value [illegible]	[illegible]	[illegible]
[illegible]	True Value [illegible]	[illegible]	[illegible]
[illegible]	True Value [illegible]	[illegible]	[illegible]
[illegible]	True Value [illegible]	[illegible]	[illegible]
[illegible]	True Value [illegible]	[illegible]	[illegible]

CCV	ALS [illegible]	[illegible]	[illegible]
[illegible]	True Value [illegible]	[illegible]	[illegible]
[illegible]	True Value [illegible]	[illegible]	[illegible]
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[illegible]	True Value [illegible]	[illegible]	[illegible]
[illegible]	True Value [illegible]	[illegible]	[illegible]

Spike

[illegible]	ALS [illegible]	[illegible]	[illegible]
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[illegible]	[illegible]		

Prepared	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Analyst Initials Date [illegible]

Top Reviewer Initials Date [illegible]

Final Reviewer Date [illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Lot: [illegible] Method/Instrument: [illegible]

Lab Code	Target Analyte	DC	Parent Sample	Matrix	Raw Result	Sample Size	Final Result	PQL	MDL	PQL % Rec	% RSD	Date Analyzed	QC?	Lot
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
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[illegible] Reviewed by: [illegible] Date: [illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Protocol: [illegible]

Lab Code	Target Analyte	QC	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result	DF	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Int
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
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[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]

[illegible]

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method/Technique: [illegible]

Lab Code	Target Analyte	DL	Dilution Statistic	Matrix	Raw Result	Sample Wgt	Final Result	DF	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Tag
[illegible]	[illegible]	[illegible]		Water	[illegible]	Std	[illegible]		[illegible]	[illegible]			[illegible]	N	B

Analytical Results Summary

Instrument Name: [illegible] Analyst: [illegible] Analysis Date: [illegible] Method Description: [illegible]

Lab Code	Target Analyte	SK	Parent Sample	Matrix	Raw Result	Sample Amt	Final Result*	Dil	MDL	PQL	% Rec	% RSD	Date Analyzed	QC?	Int
[illegible]	[illegible]	[illegible]	[illegible]	Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]*		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]*		[illegible]	N	N
[illegible]	[illegible]	[illegible]	[illegible]	Surface Water	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	N	N

[illegible]

Type
Description [illegible]
Location [illegible]
Timebase [illegible]
#Samples [illegible]

Created: [illegible]
Last Update: [illegible]

No.	Name	Type	Pos.	Ch.	Vol.	Timegate	Method	Status	Date/Time
1	[illegible]	Standard	1	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
2	[illegible]	Standard	2	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
3	[illegible]	Standard	3	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
4	[illegible]	Standard	4	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
5	[illegible]	Standard	5	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
6	[illegible]	Standard	6	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
7	[illegible]	Standard	7	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
8	[illegible]	Standard	8	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
9	[illegible]	Unknown	49	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
10	[illegible]	Unknown	42	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
11	[illegible]	Unknown	2	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
12	[illegible]	Unknown	1	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
13	[illegible]	Unknown	3	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
14	[illegible]	Unknown	4	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
15	[illegible]	Unknown	5	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
16	[illegible]	Unknown	50	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
17	[illegible]	Unknown	6	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
18	[illegible]	Unknown	7	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
19	[illegible]	Unknown	8	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
20	[illegible]	Unknown	9	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
21	[illegible]	Unknown	41	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
22	[illegible]	Unknown	43	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
23	[illegible]	Unknown	10	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
24	[illegible]	Unknown	11	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
25	[illegible]	Unknown	12	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
26	[illegible]	Unknown	13	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
27	[illegible]	Unknown	14	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
28	[illegible]	Unknown	15	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
29	[illegible]	Unknown	16	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
30	[illegible]	Unknown	17	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
31	[illegible]	Unknown	18	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
32	[illegible]	Unknown	19	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
33	[illegible]	Unknown	46	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
34	[illegible]	Unknown	47	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
35	[illegible]	Unknown	20	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
36	[illegible]	Unknown	21	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
37	[illegible]	Unknown	22	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
38	[illegible]	Unknown	23	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
39	[illegible]	Unknown	24	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
40	[illegible]	Unknown	25	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
41	[illegible]	Unknown	26	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]
42	[illegible]	Unknown	27	[illegible]	[illegible]	epa300	epa300	Finished	[illegible]

Chromeleon © Dionex Corporation, Version [illegible] [illegible]

File:
Description: [illegible]
Location: [illegible]
Timebase: [illegible]
Sampling: [illegible]
Created: [illegible]
Last Update: [illegible]

No.	Name	ID.	Factor	Comment
1	[illegible]	[illegible]	1.0000	[illegible]
2	[illegible]	[illegible]	1.0000	[illegible]
3	[illegible]	[illegible]	1.0000	[illegible]
4	[illegible]	[illegible]	1.0000	[illegible]
5	[illegible]	[illegible]	1.0000	[illegible]
6	[illegible]	[illegible]	1.0000	[illegible]
7	[illegible]	[illegible]	1.0000	[illegible]
8	[illegible]	[illegible]	1.0000	[illegible]
9	[illegible]	[illegible]	1.0000	
10	[illegible]	[illegible]	1.0000	
11	[illegible]	[illegible]	1.0000	
12	[illegible]	[illegible]	1.0000	
13	[illegible]	[illegible]	1.0000	[illegible]
14	[illegible]	[illegible]	1.0000	[illegible]
15	[illegible]	[illegible]	1.0000	
16	[illegible]	[illegible]	1.0000	
17	[illegible]	200.0000		
18	[illegible]	200.0000		
19	[illegible]	200.0000		
20	[illegible]	200.0000		
21	[illegible]	[illegible]		
22	[illegible]	[illegible]		
23	[illegible]	200.0000		
24	[illegible]	200.0000		
25	[illegible]	200.0000		
26	[illegible]	200.0000		
27	[illegible]	200.0000		
28	[illegible]	200.0000		
29	[illegible]	200.0000		
30	[illegible]	200.0000		
31	[illegible]	200.0000		
32	[illegible]	[illegible]		
33	[illegible]	1.0000		
34	[illegible]	1.0000		
35	[illegible]	1.0000		
36	[illegible]	1.0000		
37	[illegible]	1.0000		
38	[illegible]	1.0000		
39	[illegible]	20.0000		
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41	[illegible]	40.0000		
42	[illegible]	40.0000		

[illegible] © [illegible] Corporation [illegible]

Database: [illegible]
Location: [illegible]
Filtered: CCB
Examples: All

Created: [illegible]
Last Updated: [illegible]

No.	Name	Type	[illegible]	[illegible]	Program	Method	Status	[illegible]
43	[illegible]	Unknown	76	[illegible]	[illegible]	[illegible]	Finished	[illegible]
44	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
45	[illegible]	Unknown	48	[illegible]	[illegible]	[illegible]	Finished	[illegible]
46	[illegible]	Unknown	85	[illegible]	[illegible]	[illegible]	Finished	[illegible]
47	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
48	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
49	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
50	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
51	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
52	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
53	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
54	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
55	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
56	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
57	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
58	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
59	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
60	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
61	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
62	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
63	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
64	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
65	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
66	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
67	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]
68	[illegible]	Unknown	[illegible]	[illegible]	[illegible]	[illegible]	Finished	[illegible]

[illegible] © [illegible] Corporation [illegible]

[illegible]	[illegible]										
[illegible]	[illegible]										
[illegible]	[illegible]										

Analysis Requested	Demonstration/Filter	Anion	1st Det	2nd Det	Recovery	Comm
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO3 Br NO3 SO4				
		F Cl NO3 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO3 Br NO3 SO4				

C:\Users\Jay Brown\Desktop\Cl chan list

Service Received	Chem/Mailing/Fee	Anions	1st Dil	2nd Dil	Reference	Date
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				
		F Cl NO2 Br NO3 SO4				

Service Request	Client/Worker/Tier	Amount	1st Dil	2nd Dil	Recovery	Date

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[illegible] - IC 5P 8-25-21

[illegible] ENVIRONMENTAL INC.

Ion Chromatography Calibration Data

Sequence: [illegible]

Date: 08-25-21

Analyte	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Corr.Coeff.	Slope	Regression
F	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9856	0.2248	
Cl	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9025	0.1826	
NO2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9617	0.3572	
Br	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9944	0.0738	
NO3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9176	0.4419	
SO4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.9725	0.1285	
									99.9557	0.1761	

[illegible]

[illegible]

No	Peak Name	Cal Type	nPoints	Rel.Std.Dev. %	Corr.Coeff. %	Offset	Slope	Curve
1	Fluoride	Lin	7	1.4049	99.9856	0	0.2248	0
2	Chloride	Lin	7	3.7258	99.9025	0	0.1826	0
3	Nitrite	Lin	7	2.3141	99.9617	0	0.3572	0
4	Bromide	Lin	7	0.8755	99.9944	0	0.0738	0
5	Nitrate	Lin	7	3.4144	99.9176	0	0.4419	0
6	Sulfate	Lin	7	1.957	99.9725	0	0.1285	0
Average:			5.25	2.7819	99.9557	0	0.1761	0

0.25mg		[illegible]	[illegible]	[illegible] Pass
	50ppm	[illegible]	[illegible]	[illegible]

[illegible]

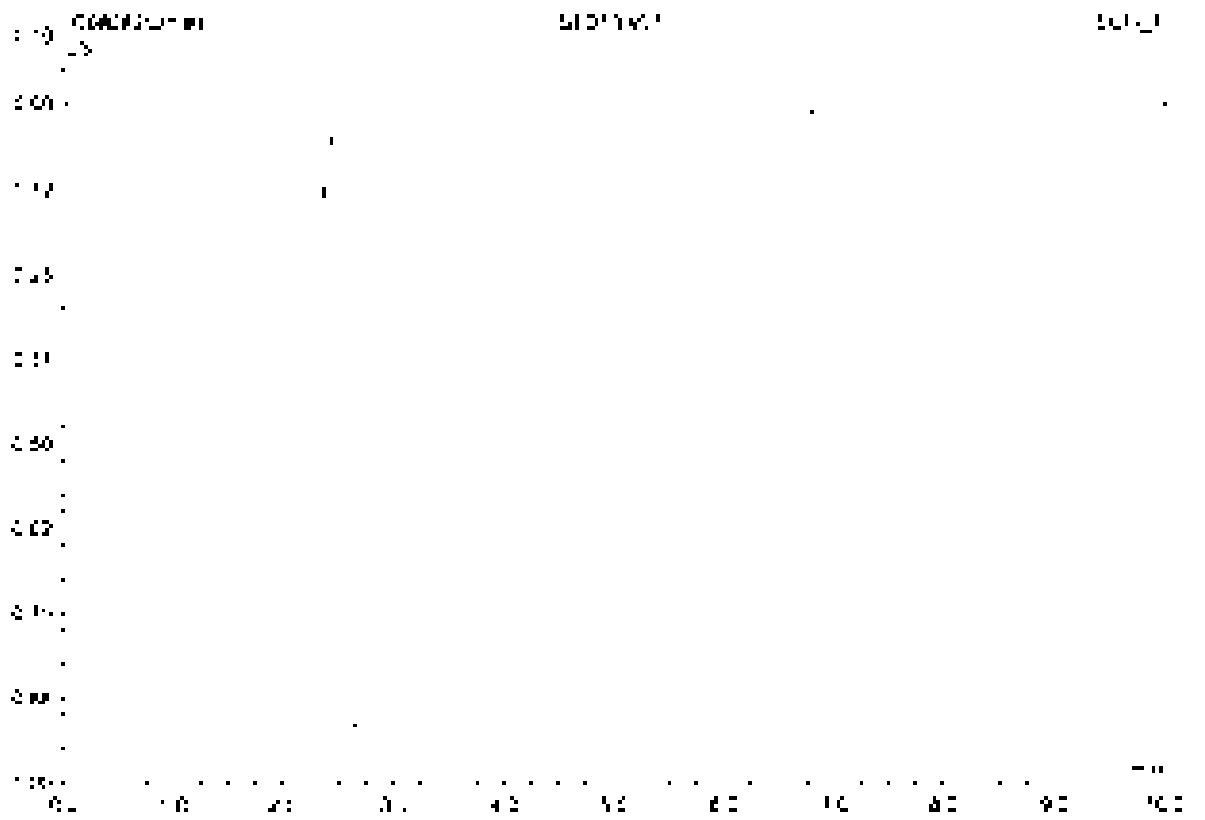
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	STD2	STD3	STD4	STD5	STD6	STD7	STD8	STD9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

1 STD1/LVL1

DI

Sample Name	STD1/LVL1	Injection Volume	25.0
Vial Number	1	Column	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantif. Method	apa300	Dilution Factor	1.0000
Recording Time	8/25/2021 14:03	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

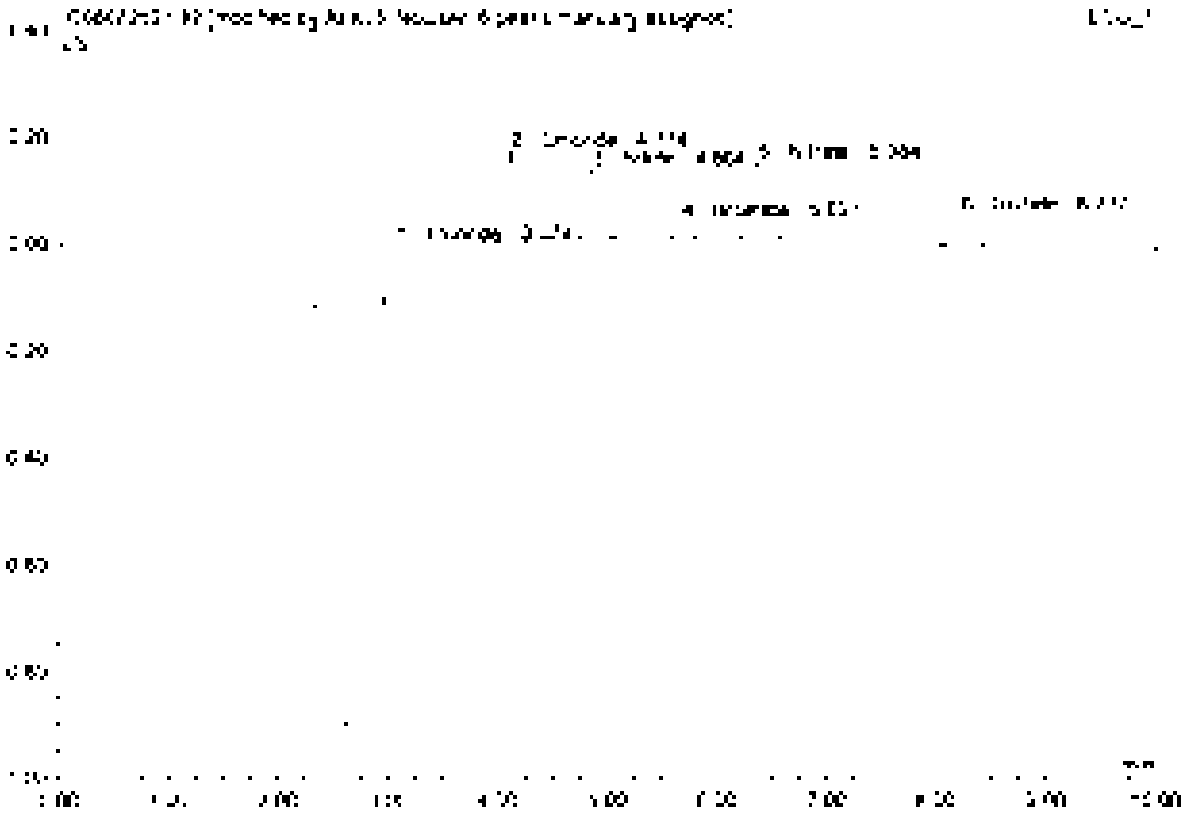


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total			0.000	0.000	0.00	0.000	

2 STD2/LVL2

21-GEN-02-53D

Sample Name	STD2/LVL2	Injection Volume	25.0
Vial Number	2	Channel	ECD_1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Processing Time	8/25/2021 14:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

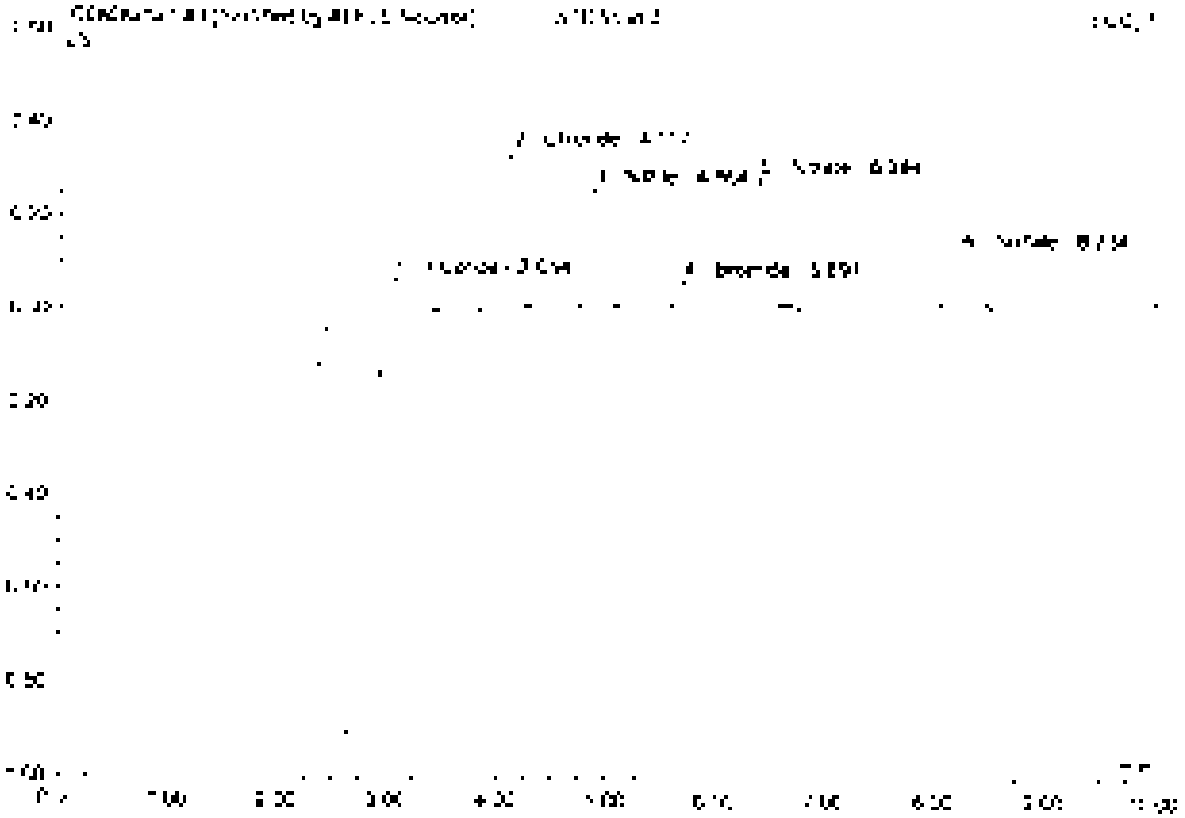


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.87	Chloride	0.071	0.012	14.81	0.053	UNUT
2	4.11	Chloride	0.170	0.017	20.68	0.091	BMBA
3	4.85	Nitrite	0.130	0.017	20.73	0.047	BMB'
4	5.59	Bromide	0.031	0.004	5.10	0.015	BV3*
5	6.38	Nitrate	0.109	0.020	24.81	0.045	BMB'
6	8.24	Sulfate	0.059	0.011	13.87	0.037	BMB'
Total:			0.600	0.080	100.00	0.378	

3 STD3/LVL3

21GEN-02-53E

Sample Name	STD3/LVL3	Injection Volume	25.0
Vial Number	3	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant. Method	apa300	Dilution Factor	1.0000
Recording Time	8/24/2021 14:27	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

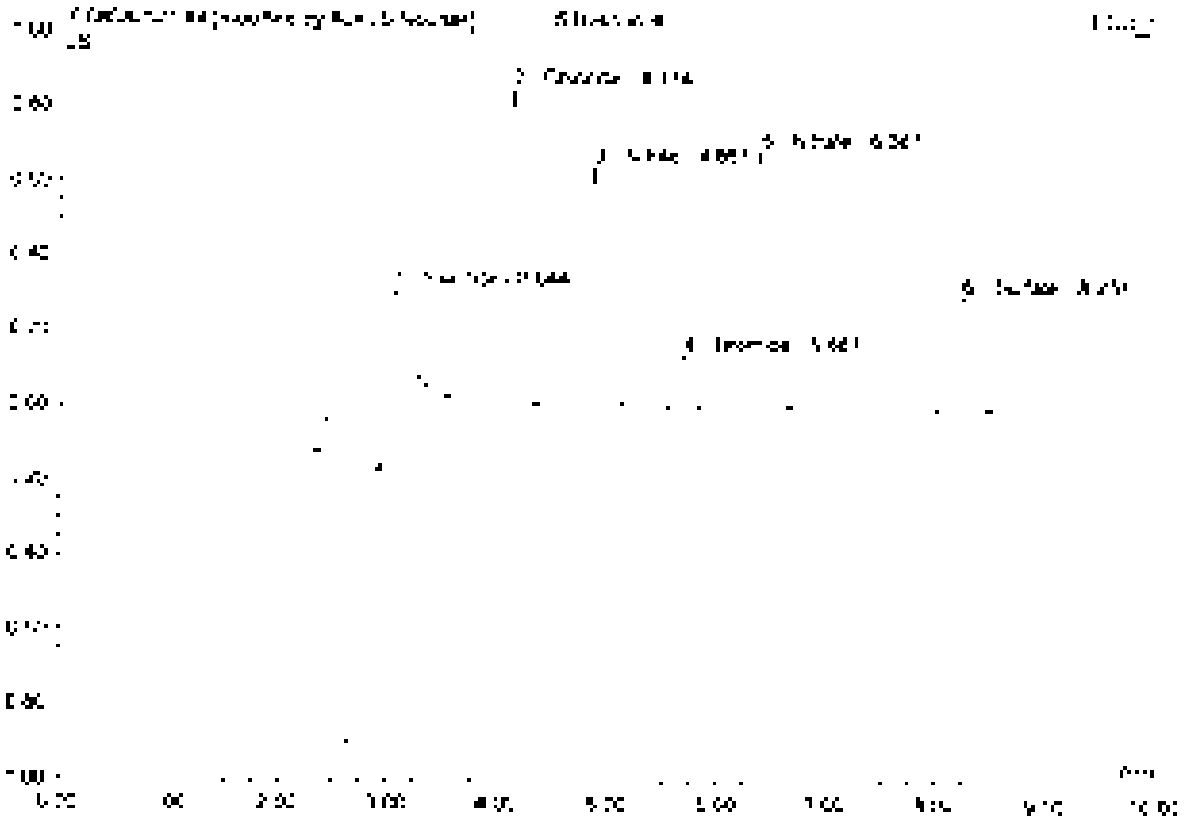


No.	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.05	Fluoride	0.080	0.041	23.05	0.120	BMB*
2	4.12	Chloride	0.340	0.030	15.21	0.178	BMB*
3	4.86	Nitrite	0.259	0.033	18.40	0.052	BMB
4	5.59	Bromide	0.051	0.008	4.40	0.017	BMB
5	6.38	Nitrate	0.279	0.040	22.64	0.092	BMB
6	8.21	Sulfate	0.121	0.024	13.25	0.185	BMB
Total:			1.239	0.179	100.00	0.837	

4 STD4/LVL4

21-GEN-02-53F

Sample Name	STD4/LVL4	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Original Method	apa300	Dilution Factor	1.0000
Processing Time	8/25/2021 14:39	Sample Weight	1.0000
Run Time (min)	19.00	Sample Amount	1.0000

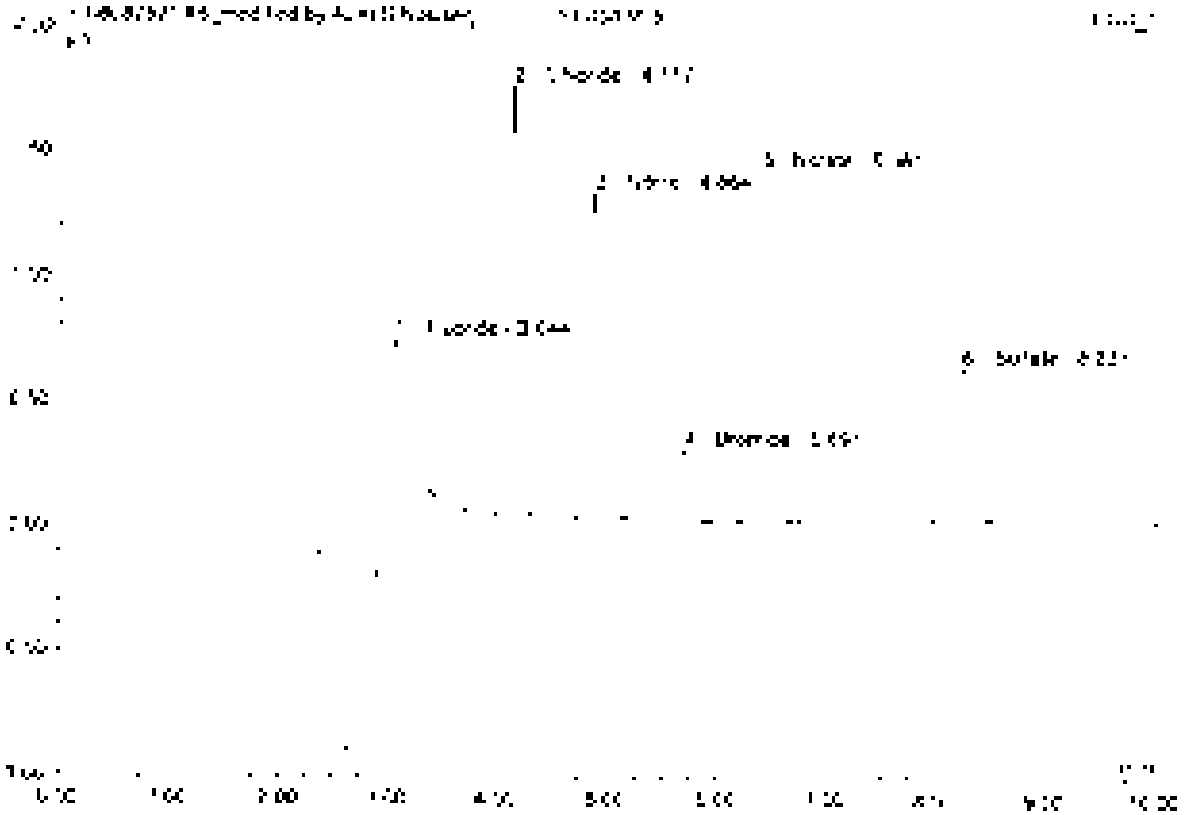


No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	0.446	0.137	23.86	0.475	BV31*
2	4.[illegible]	Chloride	0.841	0.090	17.50	0.441	BV8*
3	4.86	Nitrite	0.635	0.082	18.25	0.229	BV9
4	5.59	Bromide	0.166	0.075	14.22	0.255	BV9
5	6.38	Nitrate	0.650	0.100	22.47	0.227	BV8
6	8.23	Sulfate	0.354	0.059	13.71	0.469	BV8
Total:			3.964	0.447	100.00	2.096	

5 STD5/LVL5

21-GEN-02-53G

Sample Name	STD5/LVL5	Injection Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	8/25/2021 14:56	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

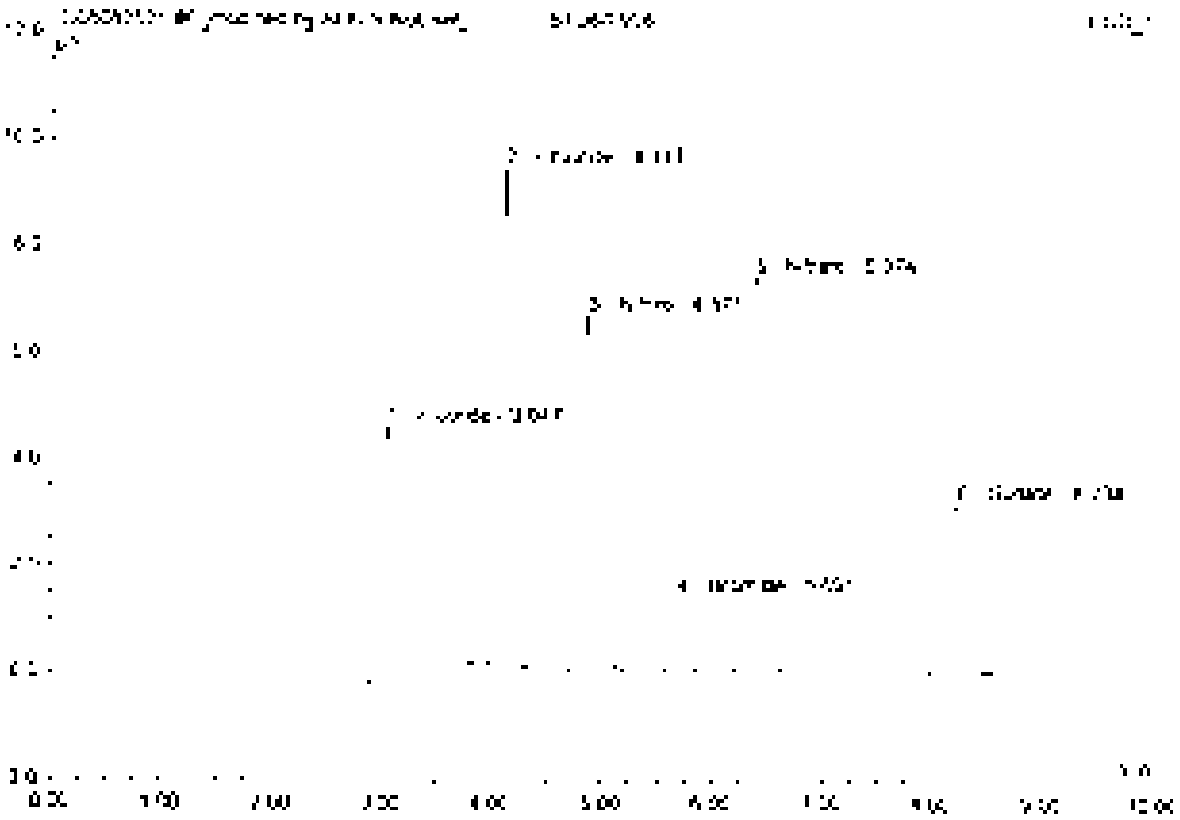


No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	0.901	0.236	25.86	1.042	BMB*
2	4.12	Chloride	1.721	0.164	17.65	0.852	BMB*
3	4.86	Nitrite	1.305	0.167	18.02	0.469	BMB
4	5.69	Bromide	0.283	0.037	3.97	0.500	BMB
5	6.38	Nitrate	1.401	0.203	21.84	0.459	BMB
6	8.23	Sulfate	0.515	0.122	13.17	0.552	BMB
Total:			6.230	0.929	100.00	4.326	

6 STD6/LVL6

21-GEN-02-53M

Sample Name	STD6/LVL6	Injection Volume	25.0
Vial Number	6	Channel	ECD: 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	9/23/2021 15:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

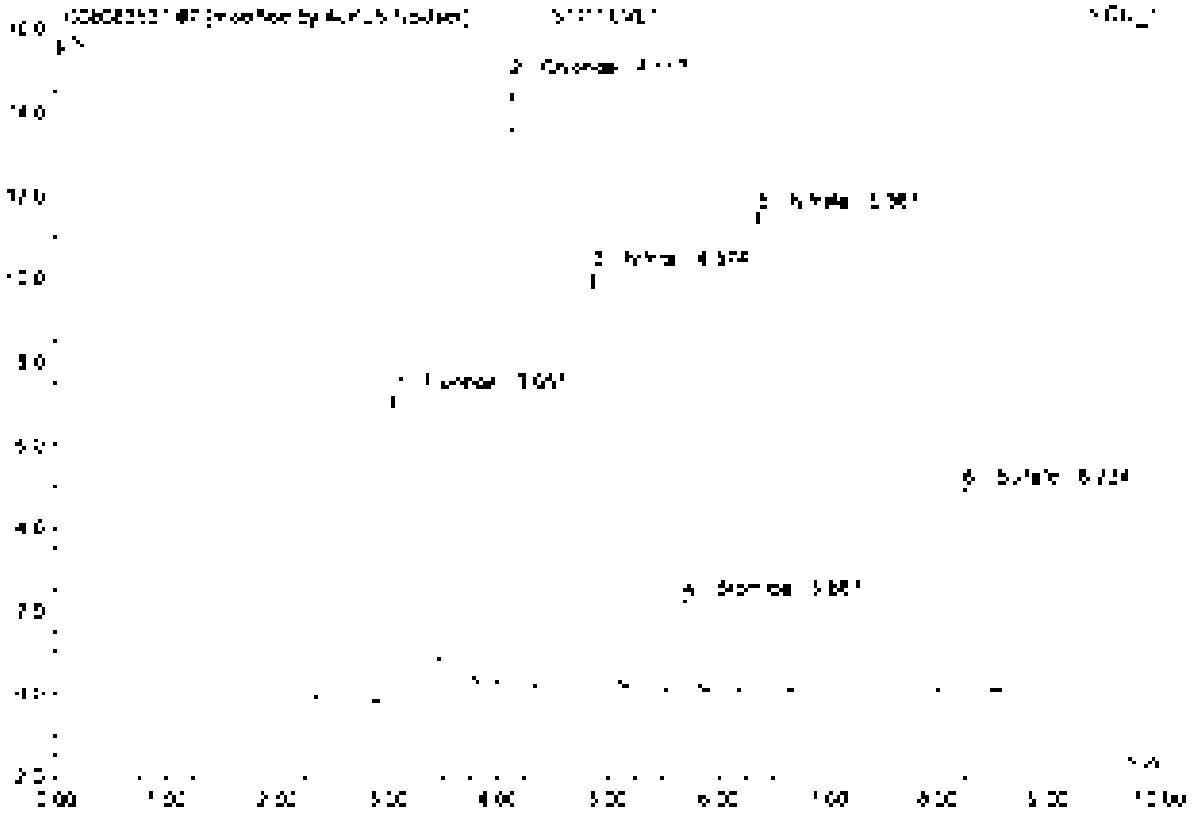


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.05	Fluoride	4.791	1.126	23.73	5.007	BMB*
2	4.12	Chloride	9.345	0.774	16.43	4.189	BMB*
3	4.87	Nitrite	6.559	0.871	18.36	2.438	BMB
4	5.59	Bromide	1.633	0.183	3.86	2.478	BMB
5	6.37	Nitrate	7.417	1.061	22.38	2.452	BMB
6	8.21	Sulfate	3.798	0.628	13.25	4.931	BMB
Total:			32.856	4.744	100.00	22.006	

7 STD7/LVL7

21-GEN-02-531

Sample Name	STD7/LVL7	Injection Volume	25.0
Vial Number	7	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Count Method	epa300	Dilution Factor	1.0000
Recording Time	8/25/2021 15:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

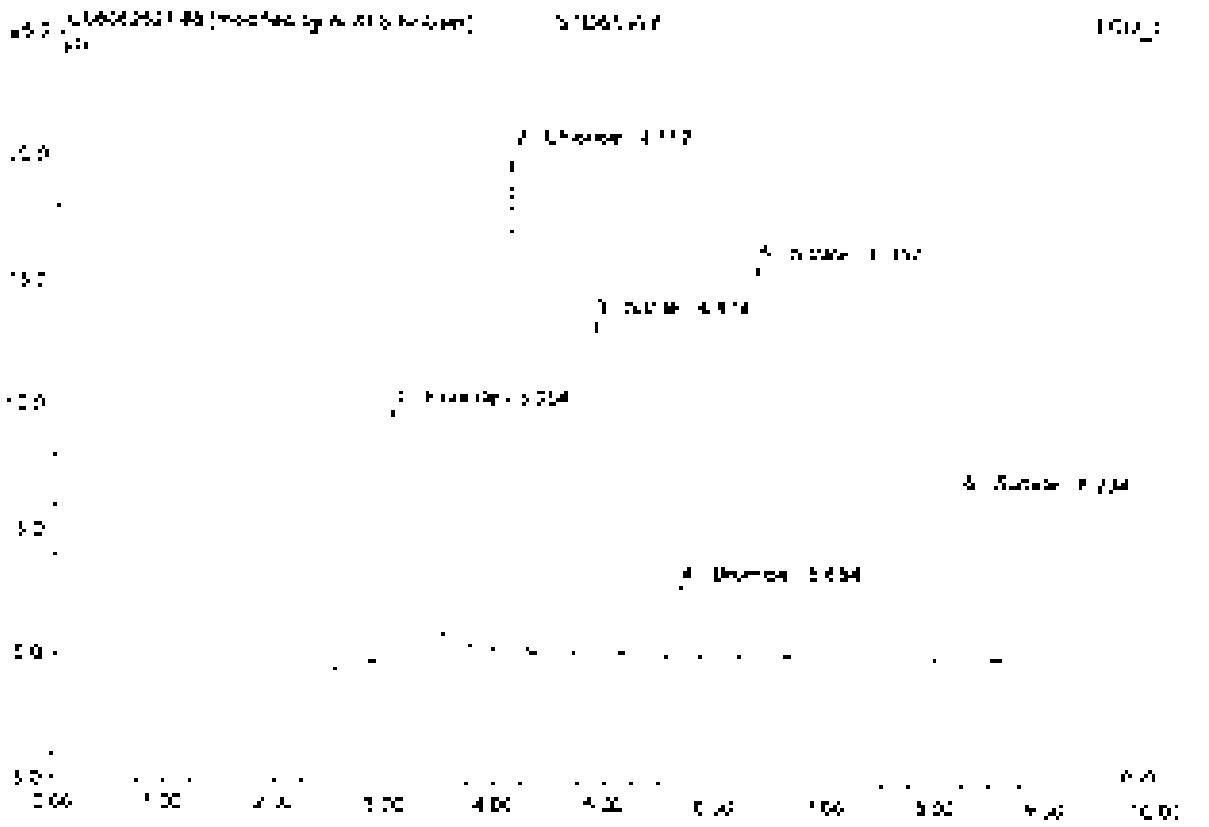


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.05	Fluoride	7.335	1.669	23.10	7.423	BMB*
2	4.12	Chloride	14.583	1.354	18.75	7.419	BMB*
3	4.87	Nitrite	10.075	1.325	18.40	3.721	BMB
4	5.69	Bromide	2.172	0.275	3.81	1.703	BMB
5	6.37	Nitrate	17.508	1.639	22.69	3.710	BMB
6	8.23	Sulfate	4.909	0.958	13.25	7.456	BMB
Total:			56.581	7.224	100.00	33.453	

8 STD8/LVL8

21-GEN-02-53J

Sample Name	STD8/LVL8	Injection Volume	26.0
Vial Number	8	Channel	ECD 1
Sample Type	standard	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	8/25/2021 15:26	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

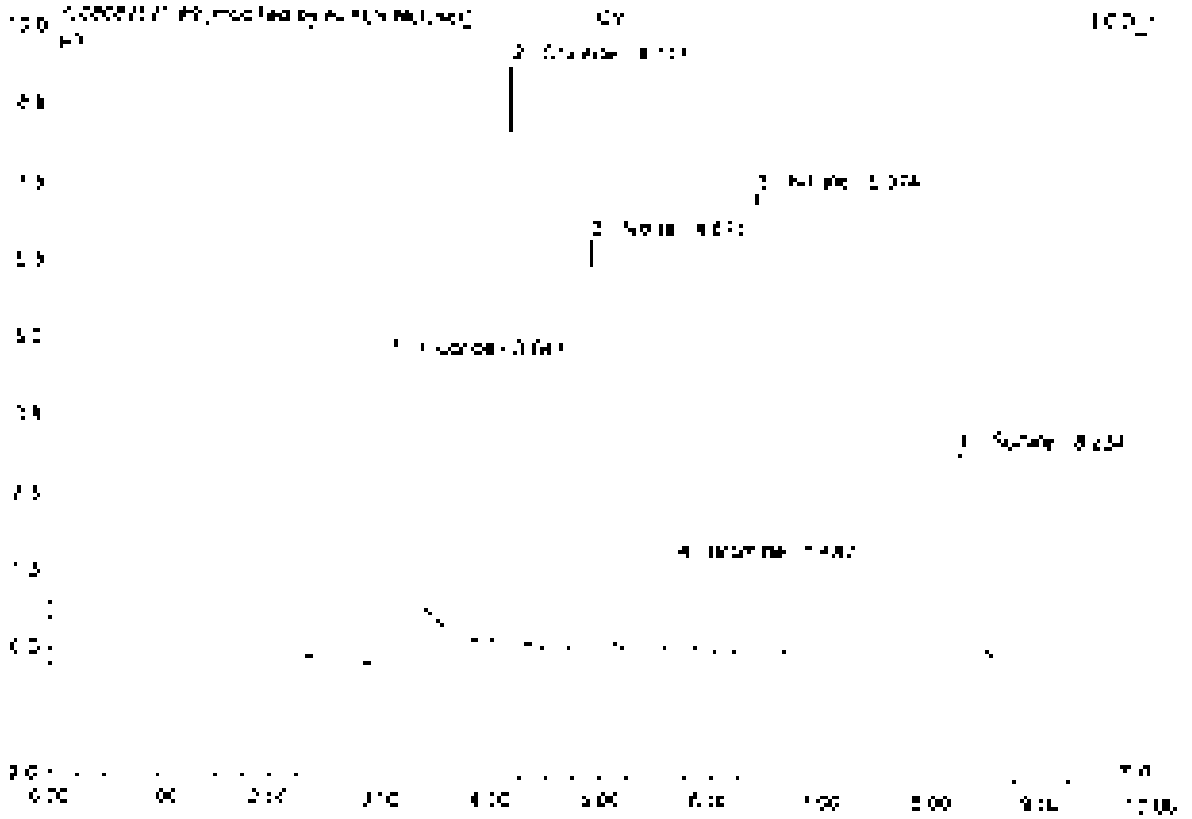


No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.06	Chloride	[illegible]	2.250	22.97	[illegible]	BMB*
2	4.12	Chlorate	20.200	1.859	18.89	[illegible]	BMB*
3	4.87	Nitrite	13.486	1.806	18.35	6.357	BMB
4	5.68	Bromide	2.925	0.371	3.77	5.022	BMB
5	6.36	Nitrate	15.774	2.247	22.84	5.045	BMB
6	8.23	Sulfate	6.604	1.257	12.78	10.096	BMB
Total:			69.139	9.839	100.00	45.493	

9 ICV

21-GEN-02-53K

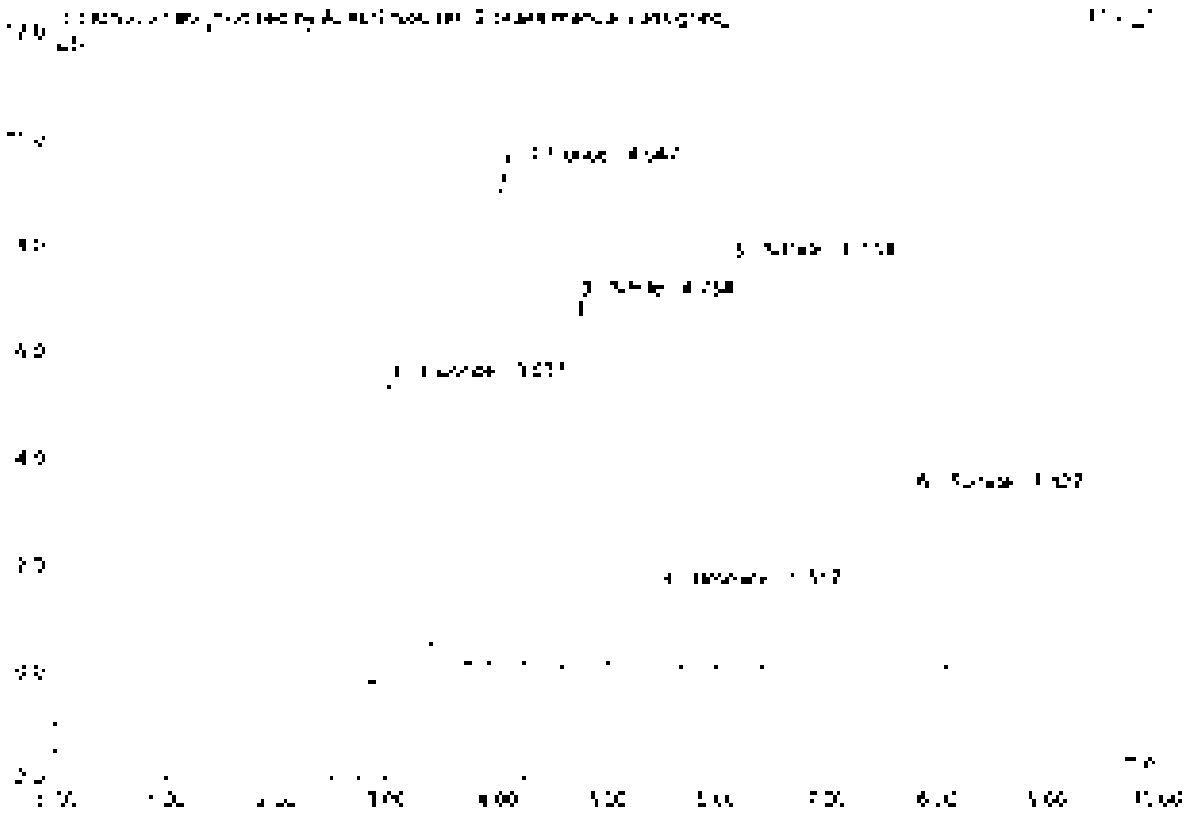
Sample Name	ICV	Injection Volume	25.0
Vial Number	50	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Calibration Program	epa300	Bandwidth	n.a.
Solvent Method	epa300	Dilution Factor	1.0000
Recording Time	8/25/2021 15:59	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.95	Fluoride	4.893	[illegible]	23.38	5.030	BMB*
2	4.17	Chloride	6.299	0.871	18.39	4.779	BMB*
3	4.87	Nitrite	6.575	0.859	18.13	2.435	BMB
4	5.66	Bromide	[illegible]	0.151	3.18	2.457	BMB
5	6.37	Nitrate	[illegible]	[illegible]	22.32	2.393	BMB
6	8.73	Sulfate	3.750	0.637	13.45	4.960	BMB
Total			32.773	4.738	100.00	22.022	

9 CGV1

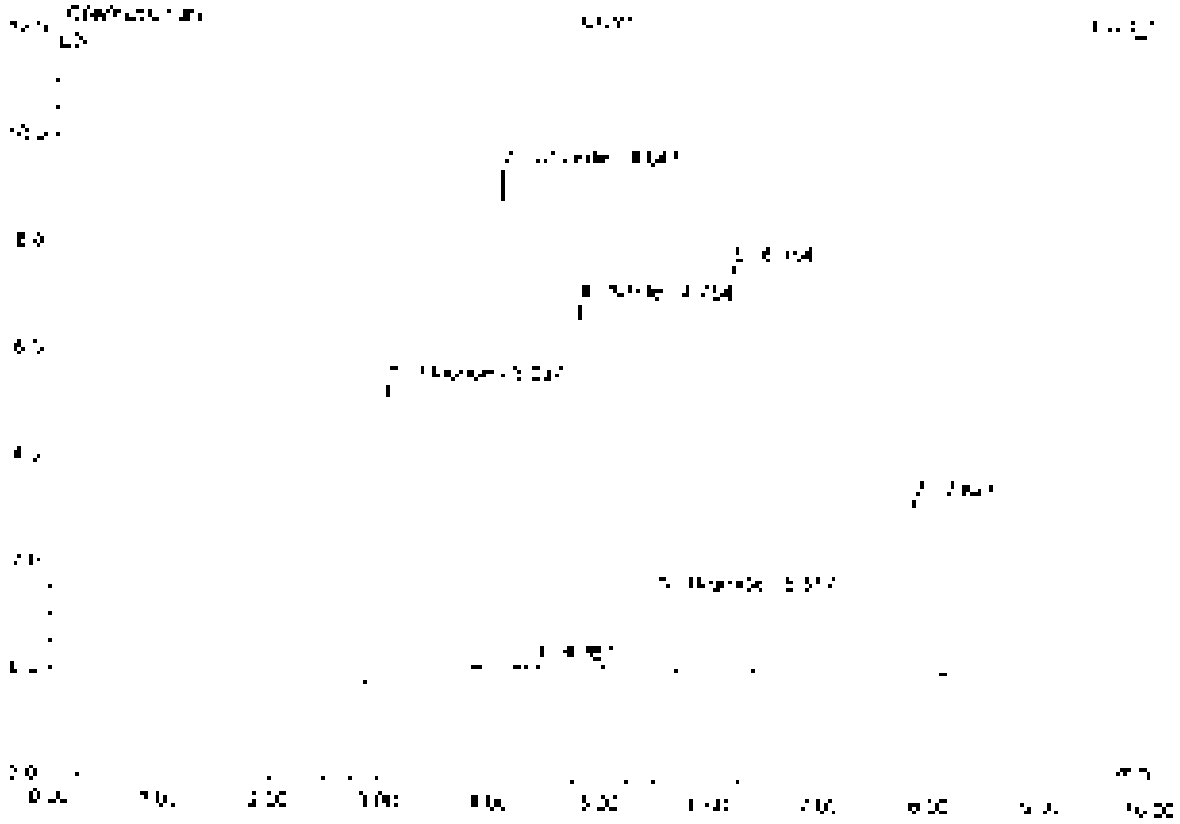
Sample Name	CGV1	Injection Volume	25.0
Vial Number	46	Column	EGD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	[illegible]/2021 11:55	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	6.561	[illegible]	34.37	5.104	BV*B*
2	4.05	Chloride	9.259	0.849	18.03	4.650	BV*B*
3	4.75	Nitrite	6.875	0.892	18.72	2.460	BMB
4	5.52	Bromide	1.458	[illegible]	2.76	2.097	BMB
5	6.15	Nitrate	7.621	[illegible]	22.16	2.361	BMB*
6	7.83	Sulfate	2.267	0.610	12.96	4.748	BMB*
Total			34.130	4.708	100.00	21.429	

9 CCV1

Sample Name	CCV1	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Running Time	9/20/2021 11:30	Sample Weight	1.0000
Run Time [min]	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	5.553	1.202	25.18	5.347	BMB
2	4.35	Chloride	9.358	3.645	[illegible]	6.650	BMB
3	4.38	n.a.	3.172	0.011	0.22	n.a.	BVB
4	4.75	Nitrite	6.275	0.882	18.47	2.408	BMB
5	5.27	Bromide	1.458	0.177	3.71	2.397	BMB
6	6.15	n.a.	7.021	1.343	27.98	n.a.	BMB
7	7.83	n.a.	3.257	0.510	12.78	n.a.	BMB
Total:			34.294	4.774	100.00	14.803	

Delivery

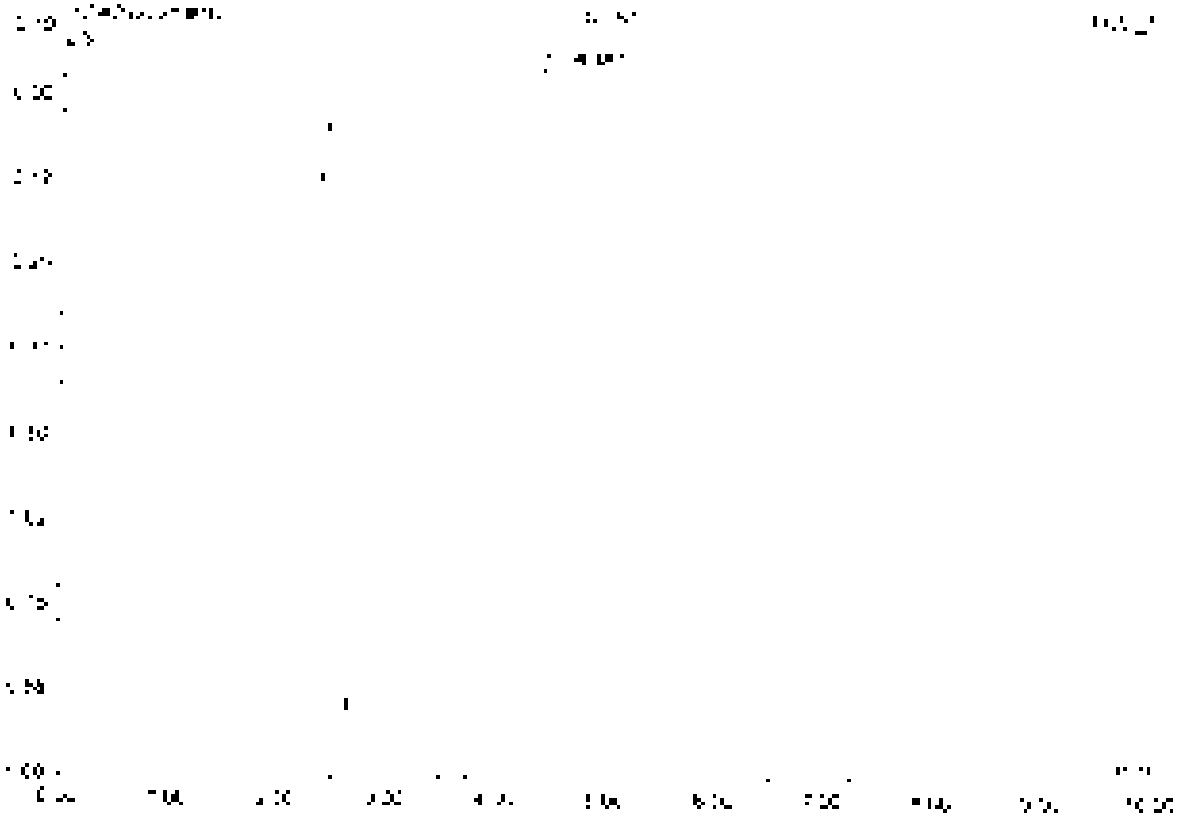
SEP 21

Default Signature

Chromeleon ©: Dionex 1995-2006
Version: 6.80 SR1 build 3002 (1962791)

10 CCB1

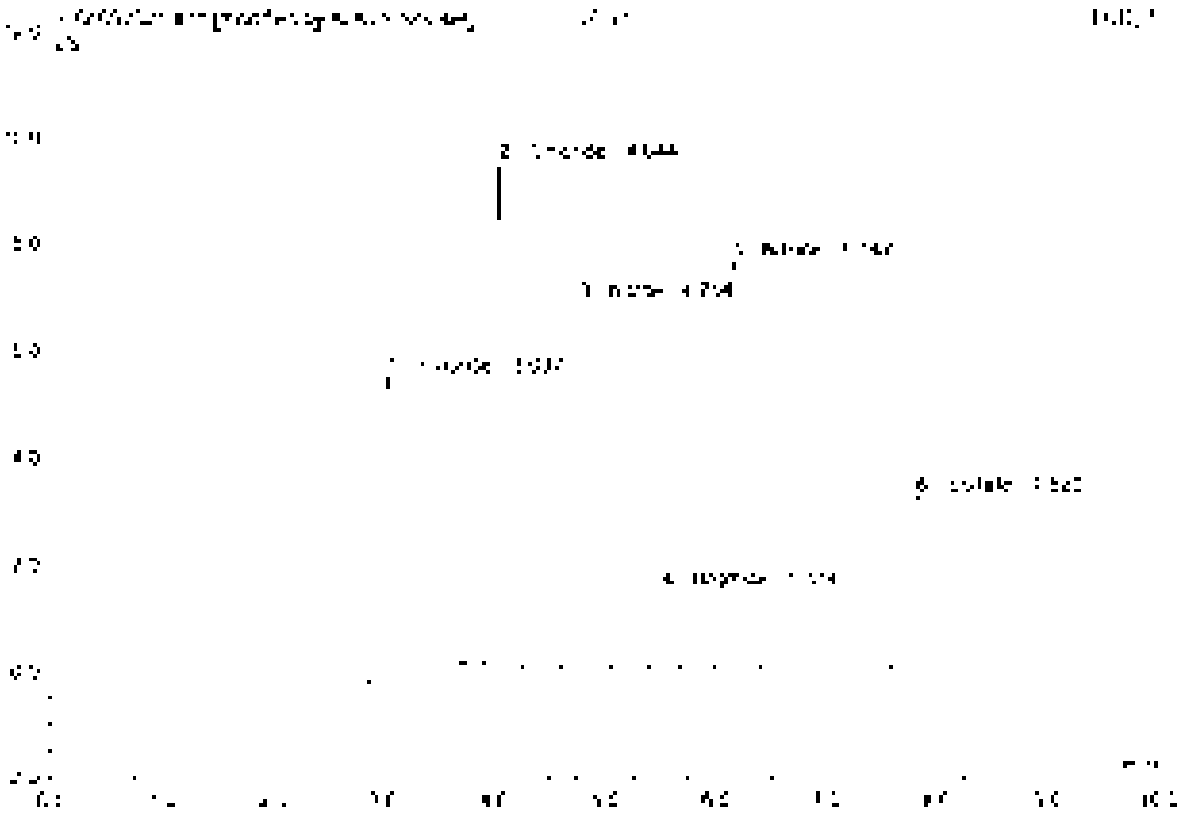
Sample Name	CCB1	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spe300	Bandwidth	n.a.
Control Method	spe300	Dilution Factor	1.0000
Recording Time	9/20/2021 11:41	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Rel.Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.08	n.a.	0.725	3.154	100.00	n.a.	BV3
Total:			0.725	3.154	100.00	0.000	

11 LCS1

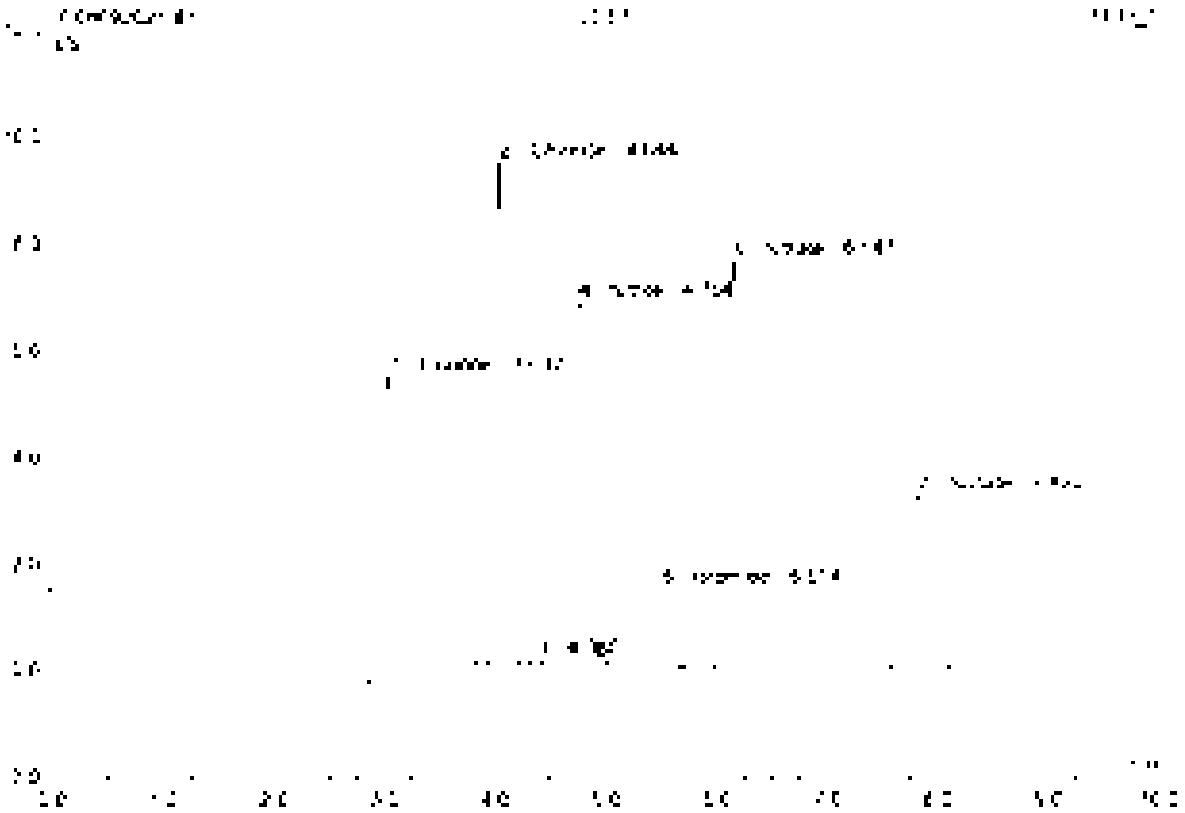
Sample Name	LCS1	Injection Volume	35.0
Vial Number	2	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	9/20/2021 11:53	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.08	Fluoride	5.696	1.171	24.74	5.210	BVBA
2	4.04	Chloride	9.433	0.865	18.27	4.586	BVBA
3	4.75	Nitrite	6.847	0.875	18.51	2.453	BV B
4	5.51	Bromide	1.474	0.178	3.77	2.416	BV B
5	6.15	Nitrate	7.637	1.045	22.08	2.300	BV B
6	7.80	Sulfate	3.245	0.608	12.84	4.731	BV B
Total:			34.335	4.734	100.00	21.961	

11 LCS1

Sample Name	LCS1	Injection Volume	25.0
Vial Number	2	Channel	EGD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Acquisition Time	9/20/2021 11:53	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



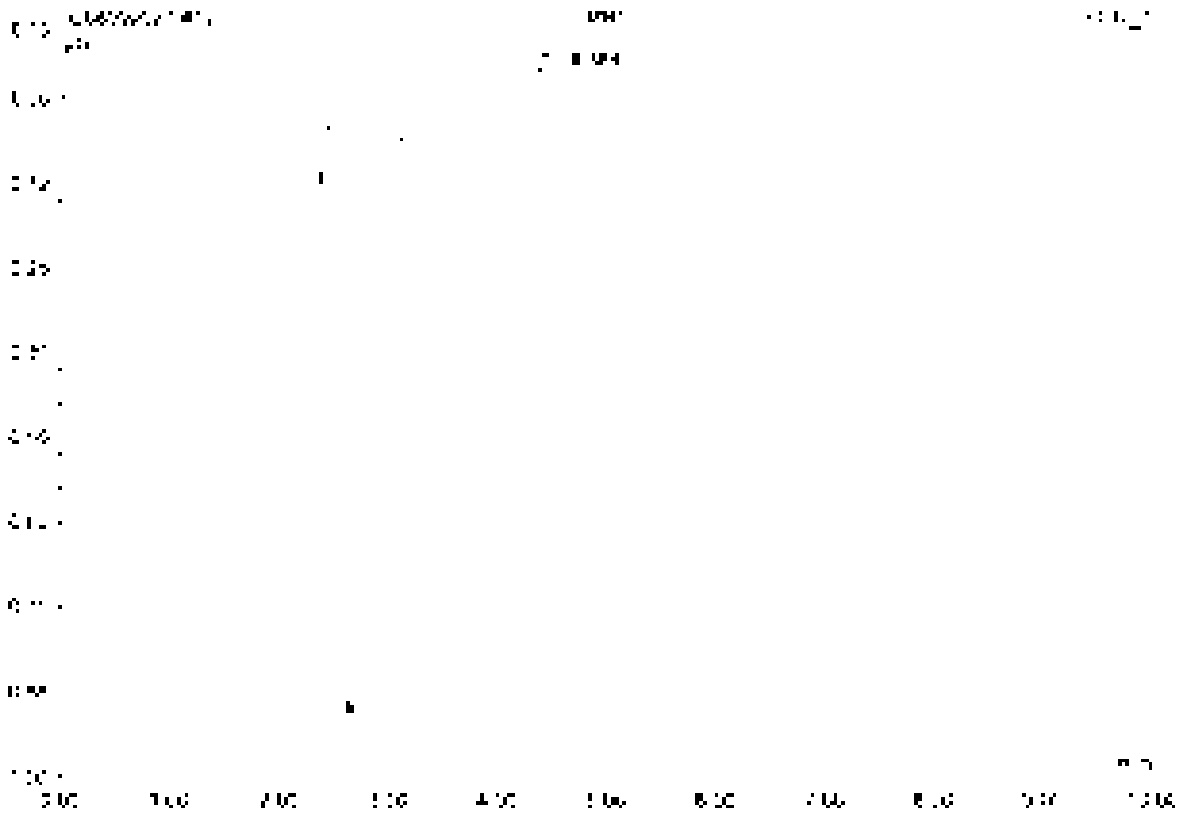
No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	5.710	1.226	25.58	5.466	BVC
2	4.04	Chloride	9.433	0.855	17.81	4.085	BMB
3	4.38	n.a.	0.123	0.012	0.25	n.a.	BMB
4	4.75	Nitrite	6.847	0.876	18.24	2.453	BMB
5	5.41	Bromide	1.476	0.178	3.71	2.415	BMB
6	6.19	Nitrate	7.637	1.046	21.79	2.356	BMB
7	7.87	Sulfate	3.248	0.608	12.66	4.731	BMB
Total			34.481	4.800	100.00	22.116	

Retention

SFP 2

12 MB1

Sample Name	MB1	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/20/2021 12:04	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

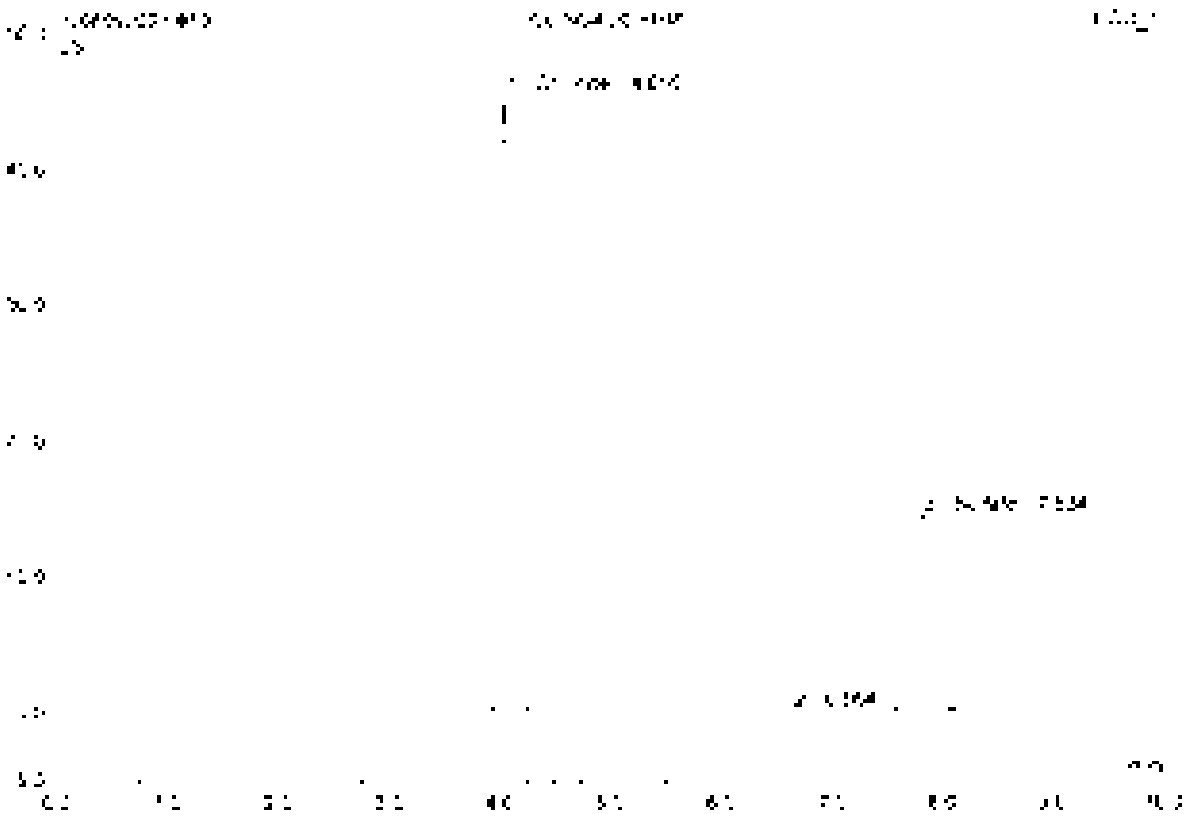


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.38	n.a.	3.725	3.106	100.00	n.a.	BMB
Total:			3.725	3.106	100.00	0.000	

13 CL/SO4 20 PPM

wrong concentration (10)

Sample Name	CL/SO4 20 PPM	Injection Volume	25.0
Vial Number	3	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Attenuation	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Processing Time	9/20/2021 14:21	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

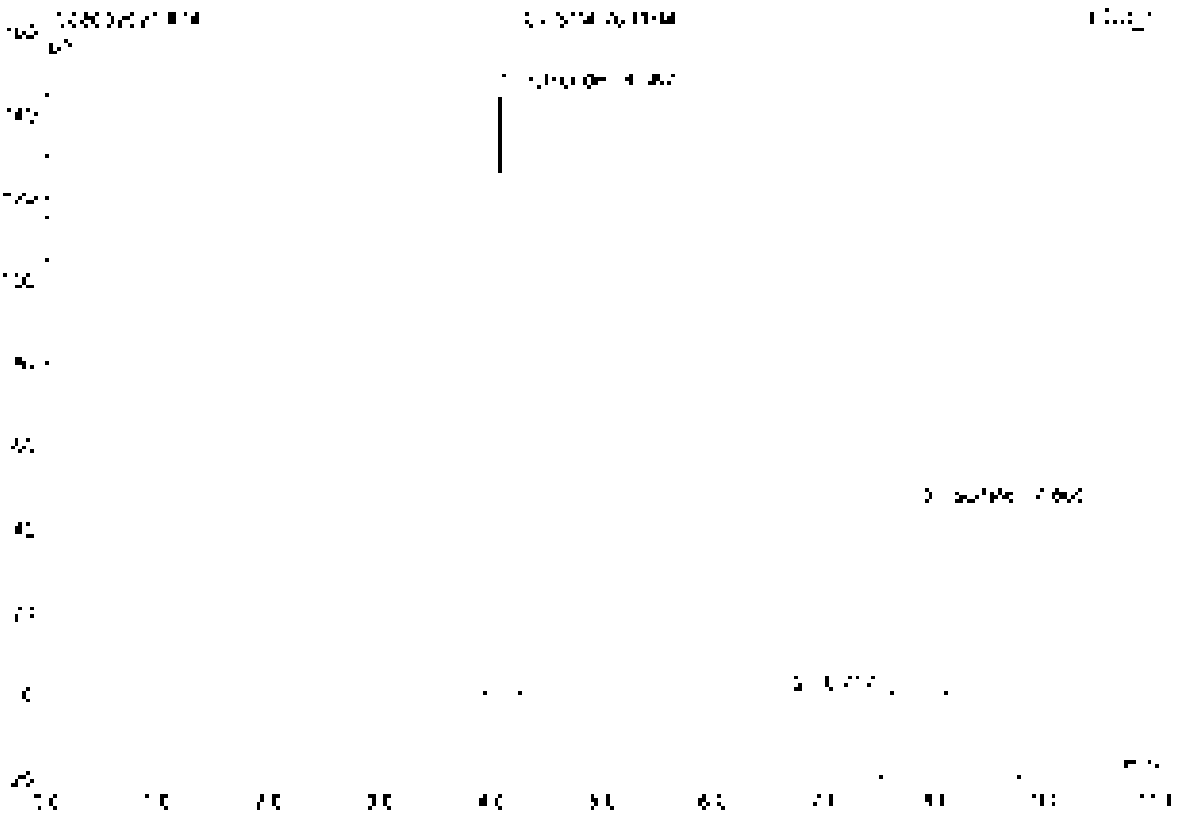


No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	45.303	3.551	53.22	21.042	BMB
2	6.66	n.a.	0.021	0.005	0.07	n.a.	BV0
3	7.03	Sulfate	18.431	2.848	42.71	20.613	BV0
Total			63.744	6.635	100.00	42.254	

14 CUSO4 70 PPM

wrong concentration (50)

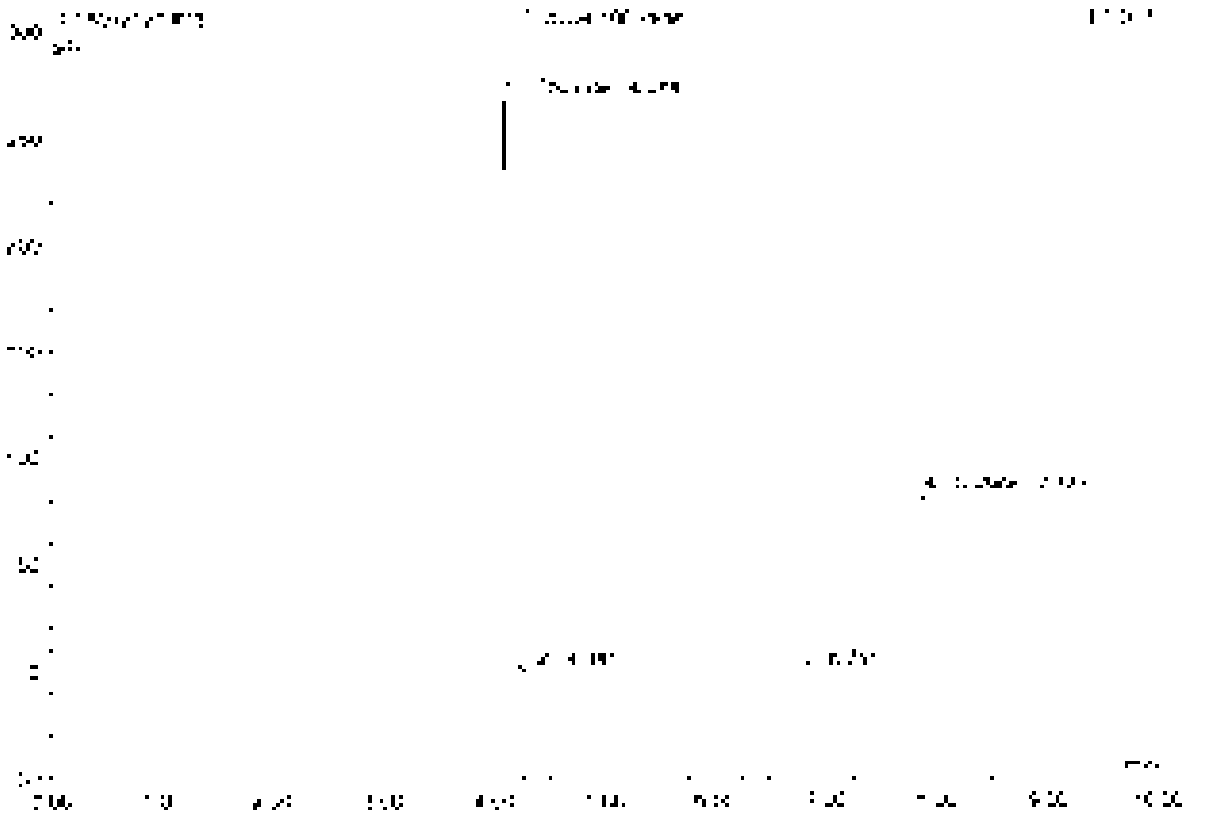
Sample Name	CUSO4 70 PPM	Injection Volume	25.0
Vial Number	4	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/20/2021 14:32	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.07	Chloride	145.158	12.742	90.31	65.792	BMB
2	6.72	n.a.	0.954	0.011	0.05	n.a.	BMB
3	7.86	Sulfate	45.174	8.374	9.64	68.291	BVR
Total:			190.365	21.127	100.00	134.084	

15 CL/SO4 100 PPM

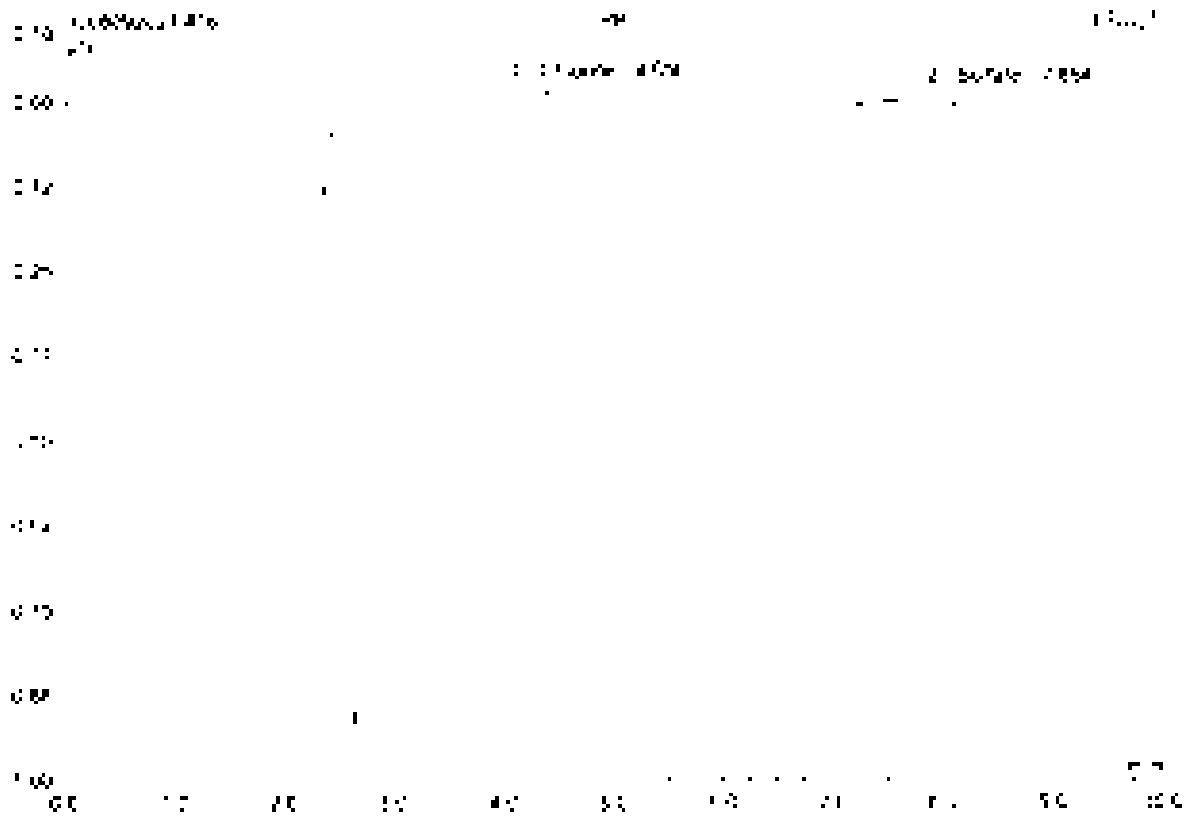
Sample Name	CL/SO4 100 PPM	Injection Volume	25.0
Vial Number	5	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/20/2021 14:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.08	Chloride	257.551	24.834	50.12	194.927	BMB
2	4.38	n.a.	0.168	0.013	0.03	n.a.	BME
3	5.75	n.a.	0.063	0.035	0.09	n.a.	BME
4	7.85	Sulfate	92.443	16.251	32.76	126.227	BMB
Total:			350.266	49.573	100.00	321.740	

16 RB

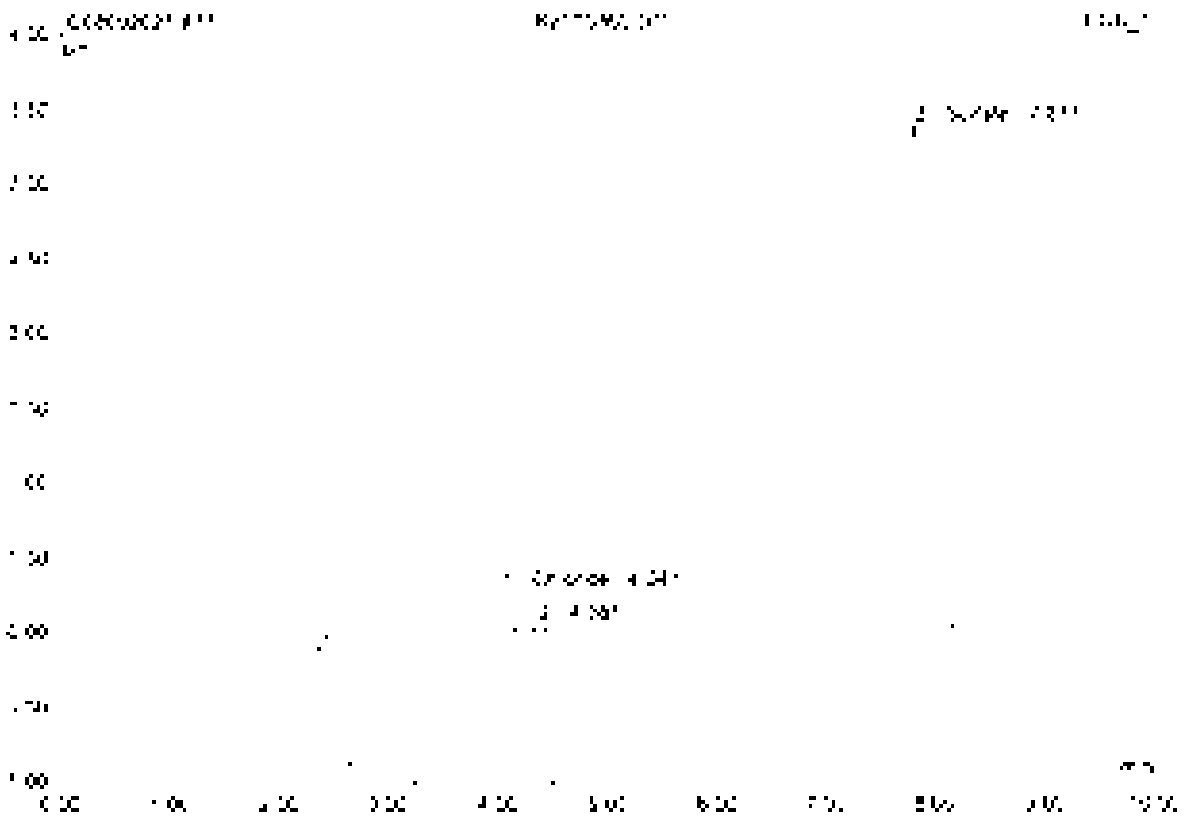
Sample Name	RB	Injection Volume	25.0
Vial Number	50	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantit. Method	apa300	Dilution Factor	1.0000
Recording Time	9/20/2021 14:56	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.03	Chloride	0.659	[illegible]	99.67	10.490	BMB
2	7.85	Sulfate	0.025	0.007	0.33	0.055	BMB
Total			0.684	[illegible]	100.00	10.545	

17 K2110360-001

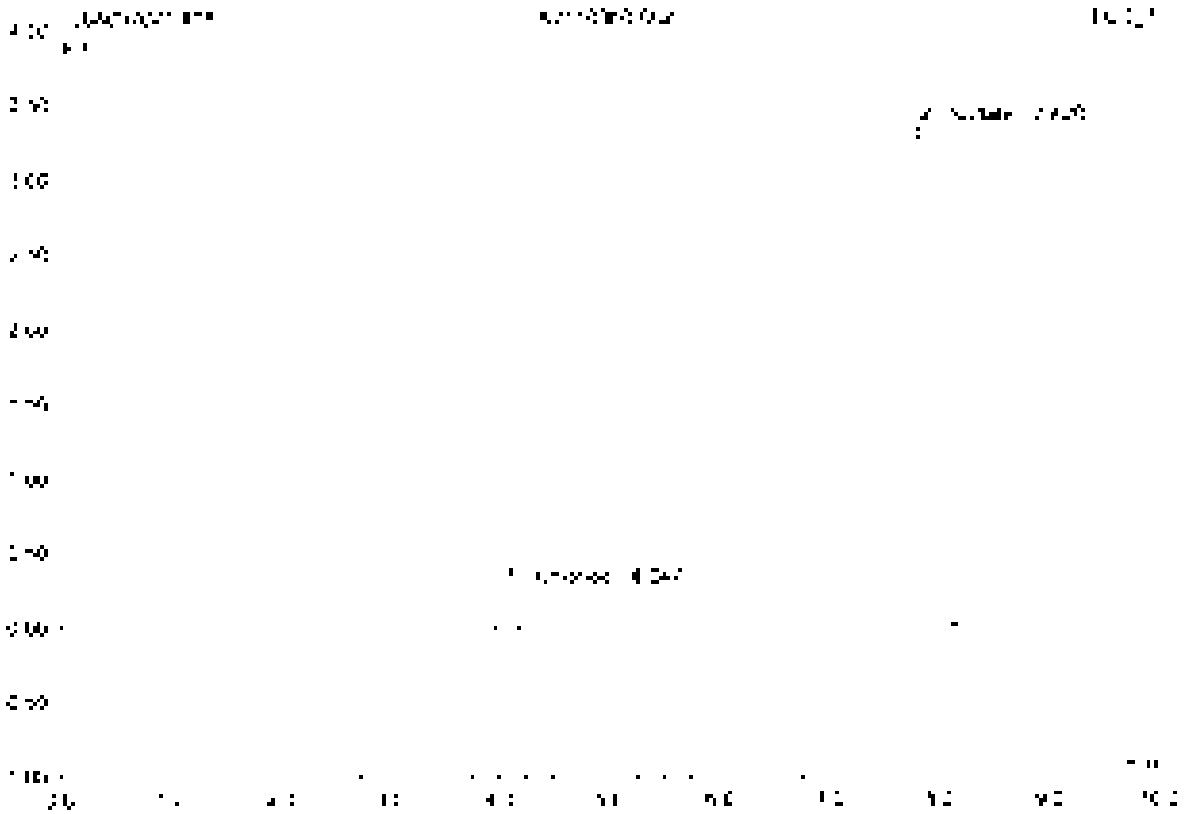
Sample Name	K2110360-001	Injection Volume	25.0
Vial Number	6	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	200.0000
Recording Time	9/09/2021 15:07	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	4.05	Chlorate	0.282	0.027	4.10	29.330	BV c
2	4.38	n.a.	0.051	0.005	0.67	n.a.	BMB
3	7.82	Sulfate	3.174	0.617	85.06	984.774	BMB
Total:			3.507	0.665	100.00	1013.994	

18 K2110360-002

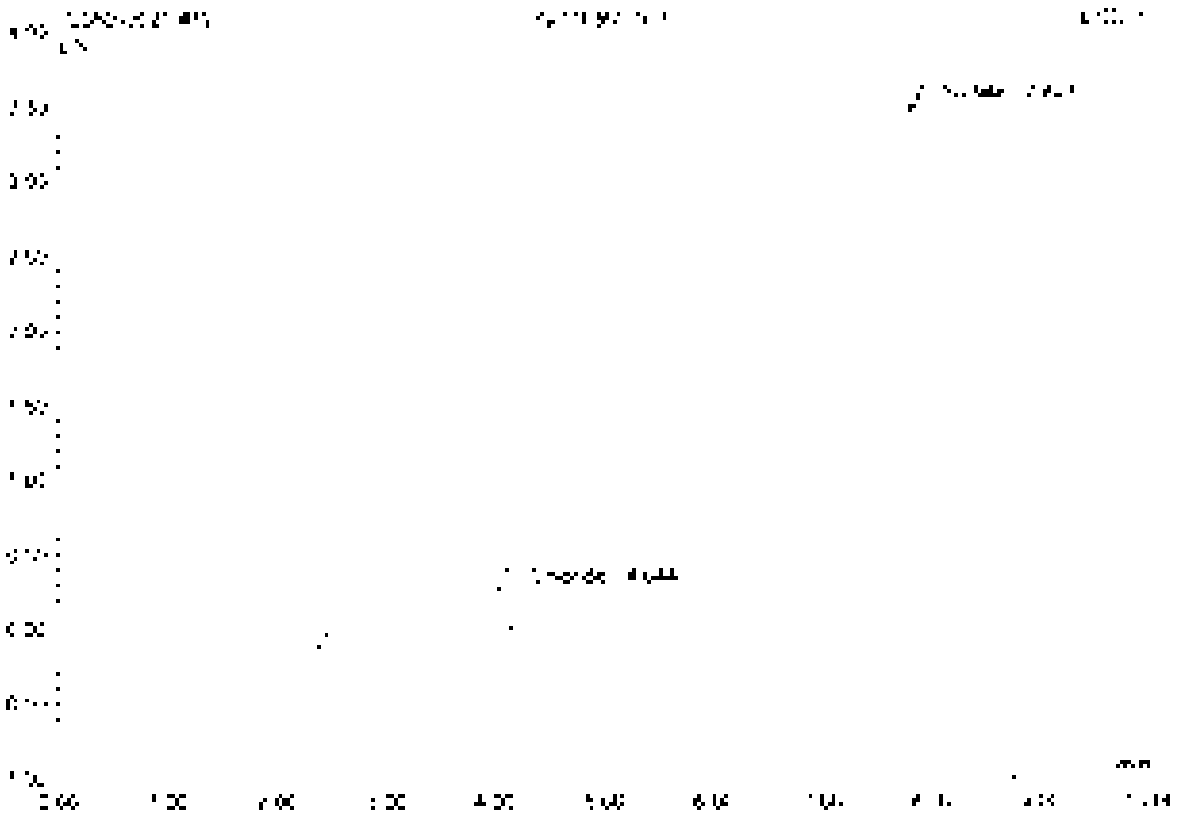
Sample Name	K2110360-002	Injection Volume	20.0
Vial Number	7	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Control Method	wpa300	Dilution Factor	200.0000
Recording Time	8/20/2021 15:19	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.03	Chloride	0.280	0.027	4.16	29.895	BMB
2	7.52	Sulfate	1.358	0.629	95.84	918.416	BMB
Total:			1.641	0.656	100.00	1008.311	

19 K2110360-003

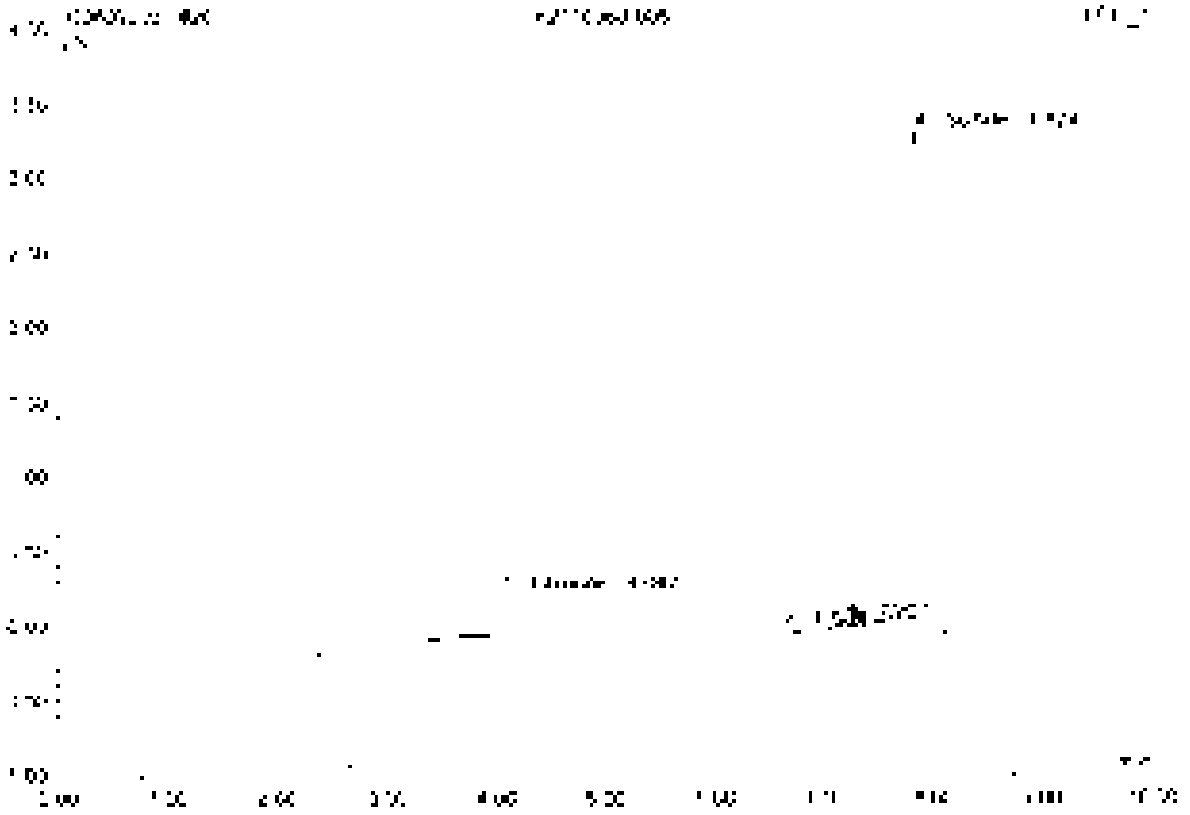
Sample Name	K2110360-003	Injection Volume	25.0
Vial Number	8	Channel	LCD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Control Method	wpa300	Dilution Factor	200.0000
Processing Time	9/20/2021 15:30	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.04	Chloride	0.253	0.028	4.00	30.323	BV B
2	7.82	Sulfate	3.497	0.660	95.97	1027.634	BV B
Total			3.776	0.688	100.00	1057.957	

20 K2110360-005

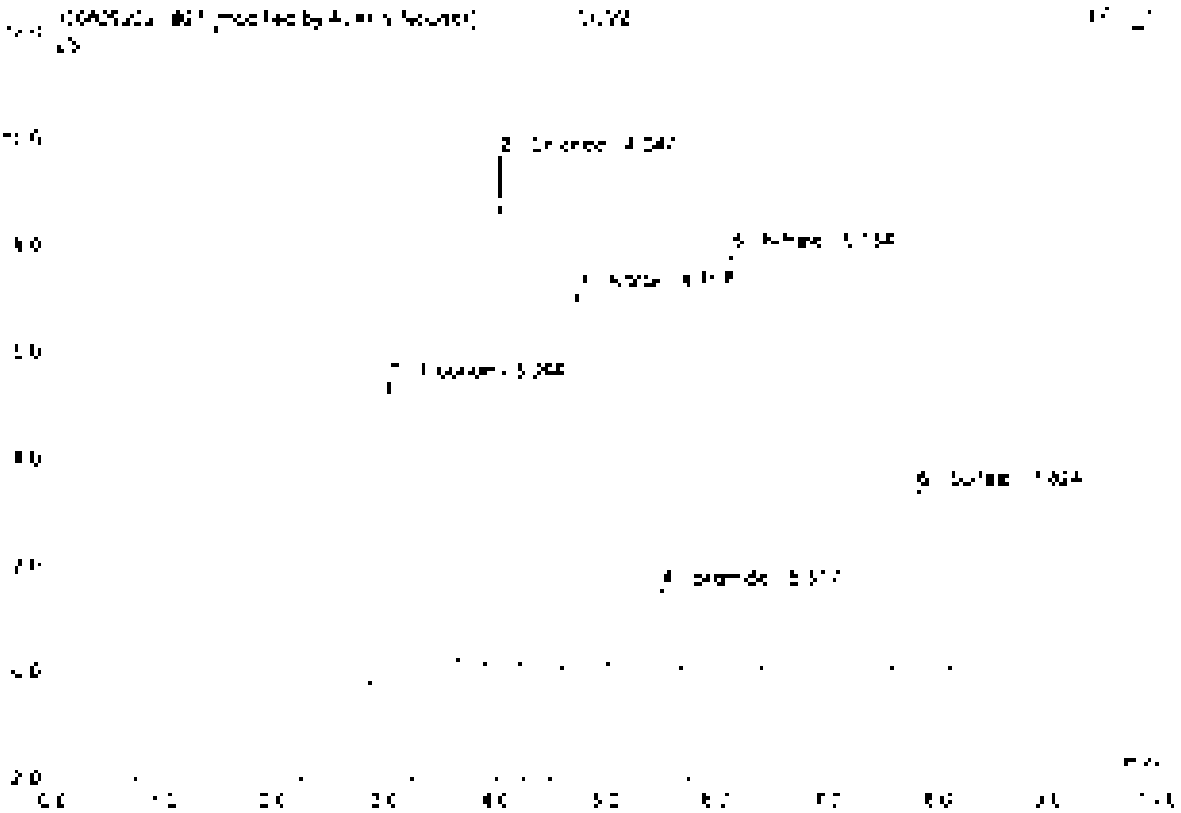
Sample Name	K2110360-005	Injection Volume	25.0
Vial Number	9	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Method Name	epa300	Dilution Factor	700.0000
Recording Time	9/20/2021 15:02	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chlorate	0.293	0.034	5.12	37.455	BV*U
2	6.60	n.a.	0.045	0.009	1.37	n.a.	BV*R
3	7.21	n.a.	0.031	0.007	1.05	n.a.	BV*R
4	7.82	Sulfate	2.332	0.619	92.43	362.176	BV*R
Total :			2.699	0.669	100.00	399.631	

21 CCV2

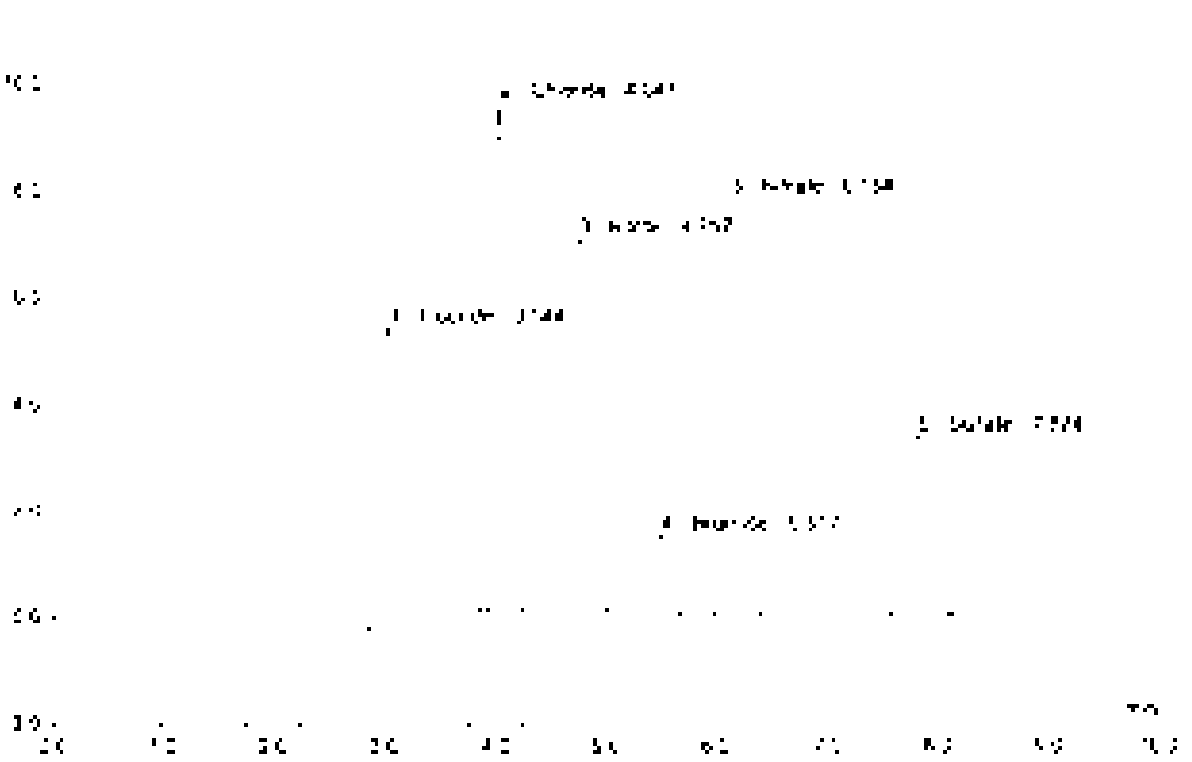
Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantitation Method	epa300	Dilution Factor	1.0000
Recording Date	9/20/2021 15:54	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	5.536	[illegible]	24.23	[illegible]	BMB*
2	4.05	Chloride	5.571	0.869	18.03	[illegible]	BMB*
3	4.45	Nitrite	7.940	0.801	[illegible]	2.522	BMB
4	5.52	Bromide	[illegible]	0.191	3.79	2.450	BMB
5	6.15	Nitrate	7.913	[illegible]	22.20	2.420	BMB
6	7.82	Sulfate	3.361	0.531	13.05	4.911	BMB
Total			31.857	[illegible]	100.00	22.254	

21 CCV2

Sample Name	CCV2	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	1.0000
Recording Time	9/2/2021 15:54	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Rel Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	5.639	[illegible]	25.40	5.527	BMB
2	4.05	Chloride	9.571	0.869	[illegible]	4.757	BMB
3	4.76	Nitrite	7.040	0.901	15.47	3.522	BMB
4	5.52	Bromide	1.491	0.181	3.70	2.450	BMB
5	6.15	Nitrate	7.859	[illegible]	21.85	2.420	BMB
6	7.82	Sulfate	3.351	0.531	12.89	4.511	BMB
TOTAL			34.519	4.096	100.00	23.587	

Batch:

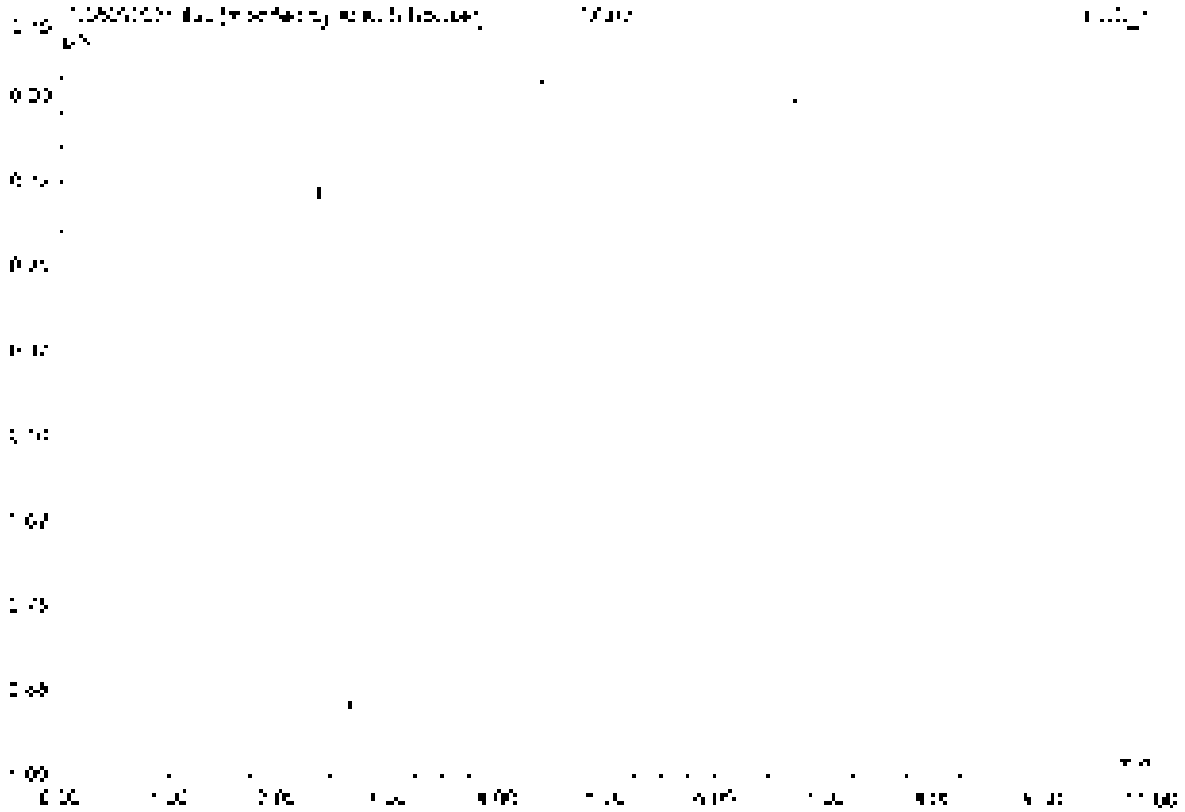
delay Integrator

SEP 2 [illegible]

Chromeleon Client 6.80 SP1 build 3302 (1902751)
Version 6.20 SP1 build 3302 (1902751)

22 CCB2

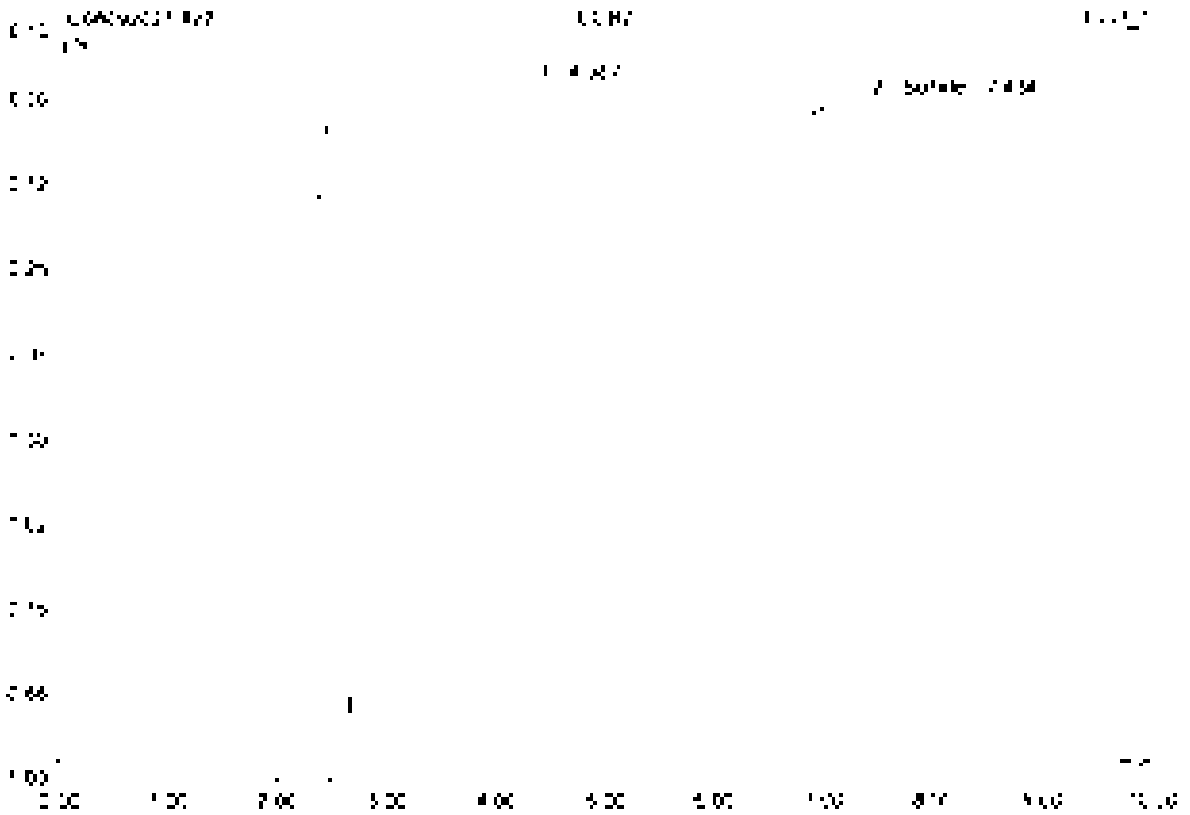
Sample Name	CCB2	Injection Volume	35.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quantit. Method	spa300	Dilution Factor	1.0000
Processing Time	8/30/2021 16:05	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total			0.000	0.000	0.00	0.000	

22 CCB2

Sample Name	CCB2	Injection Volume	25.0
Vial Number	49	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Data Method	epa300	Dilution Factor	1.0000
Recording Time	9/20/2021 16:05	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



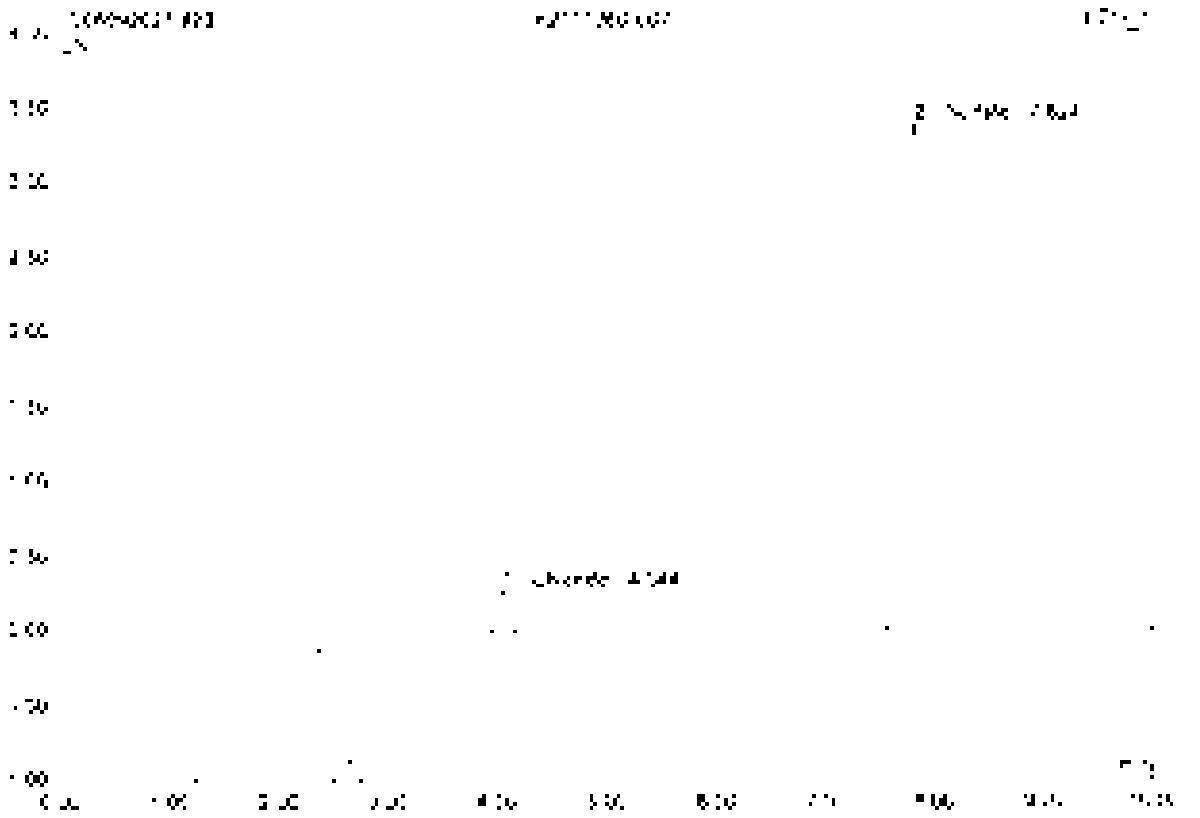
No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	n a	[illegible]	[illegible]	[illegible]	n a	BV[illegible]
2	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Total			[illegible]	[illegible]	100.00	[illegible]	

Filtered

SFF 2 1

23 K2110360-007

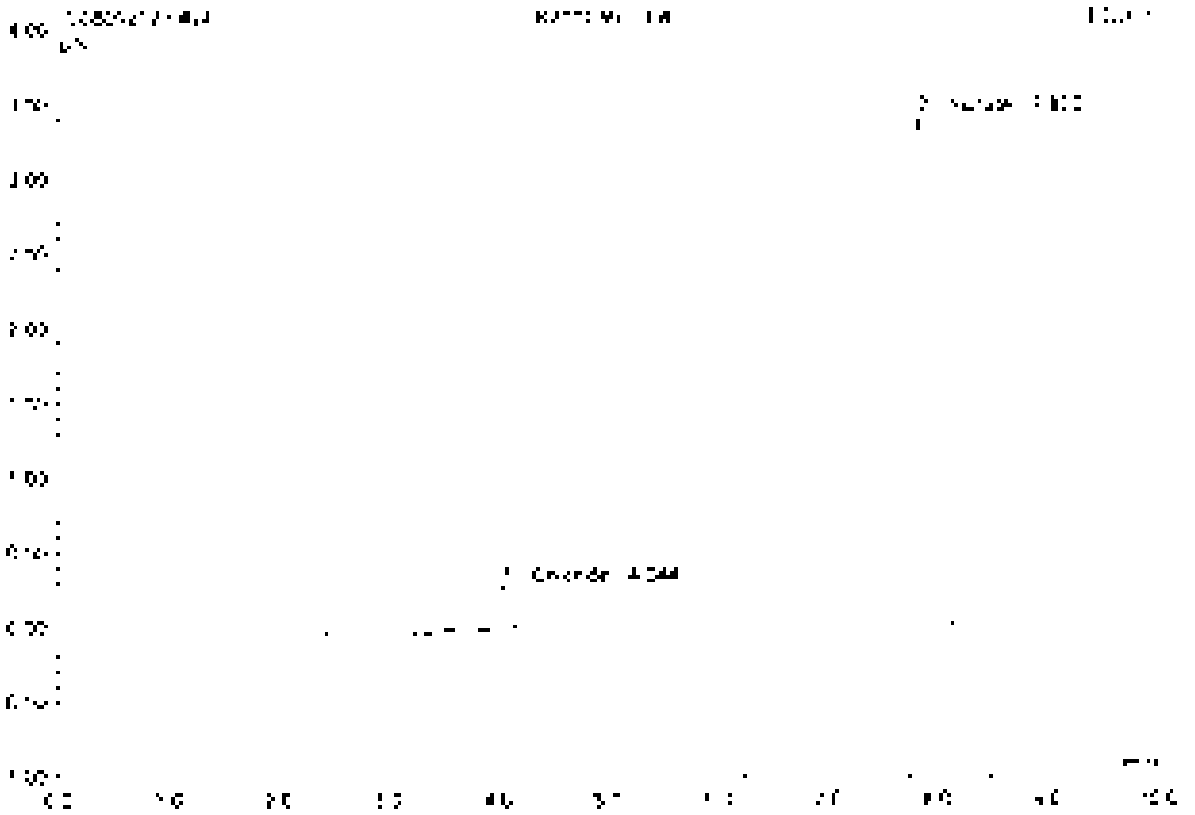
Sample Name	K2110360-007	Injection Volume	25.0
Vial Number	10	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	200.0000
Processing Time	9/2/2021 16:17	Sample Weight	1.0000
Run Time (min)	16.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	6.34	Chloride	0.278	0.027	4.02	29.035	BMB
2	7.52	Sulfate	3.377	0.639	95.98	966.122	BMB
Total:			3.655	0.666	100.00	1015.158	

24 K2110360-008

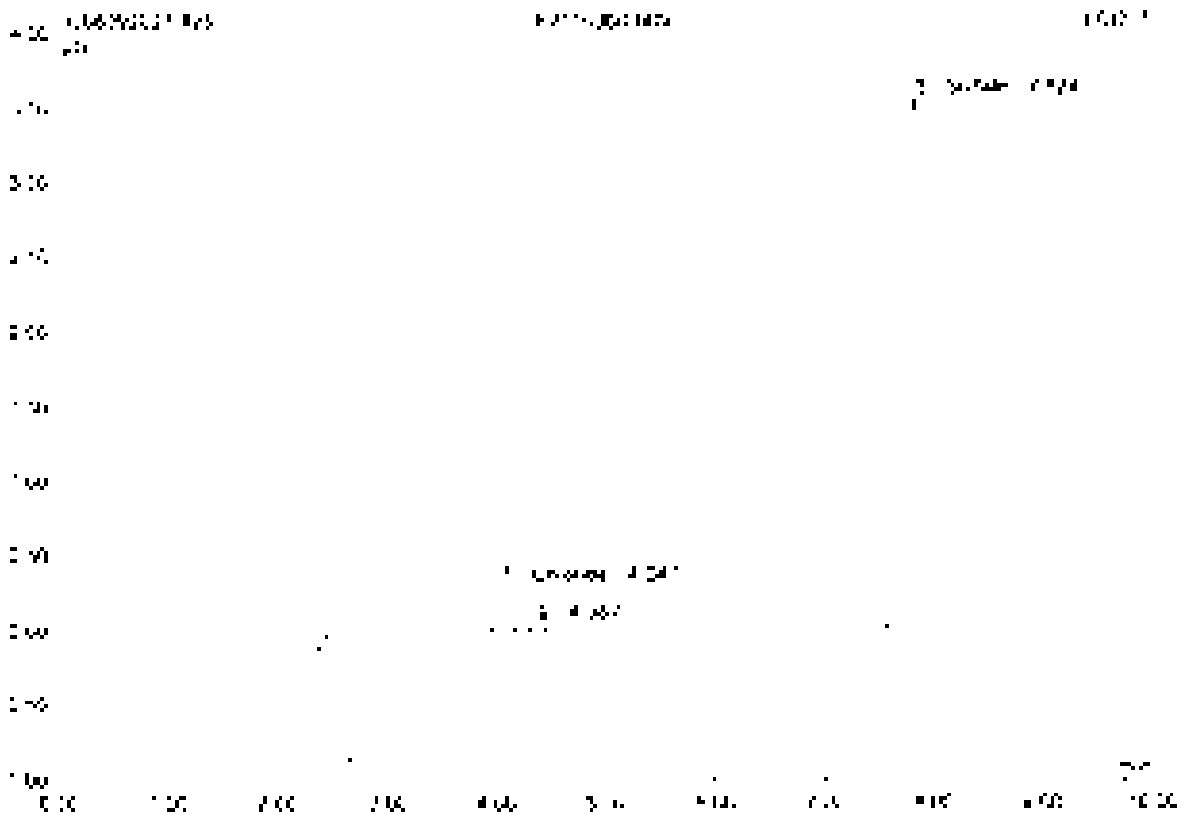
Sample Name	K2110360-008	Injection Volume	25.0
Inj. Number	11	Channel	LCD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Control Method	apa300	Dilution Factor	200.0000
Recording Time	9/20/2021 16:38	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	0.259	0.036	5.29	39.755	BV,B
2	7.02	Sulfate	3.475	0.640	94.71	946.662	BV,B
Total:			3.733	0.676	100.00	1035.850	

25 K2110360-009

Sample Name	K2110360-009	Injection Volume	25.0
Vial Number	12	Dilution	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Sample Mass	n.a.
Guard Module	epa300	Dilution Factor	200.0000
Processing Time	9/20/2021 15:40	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



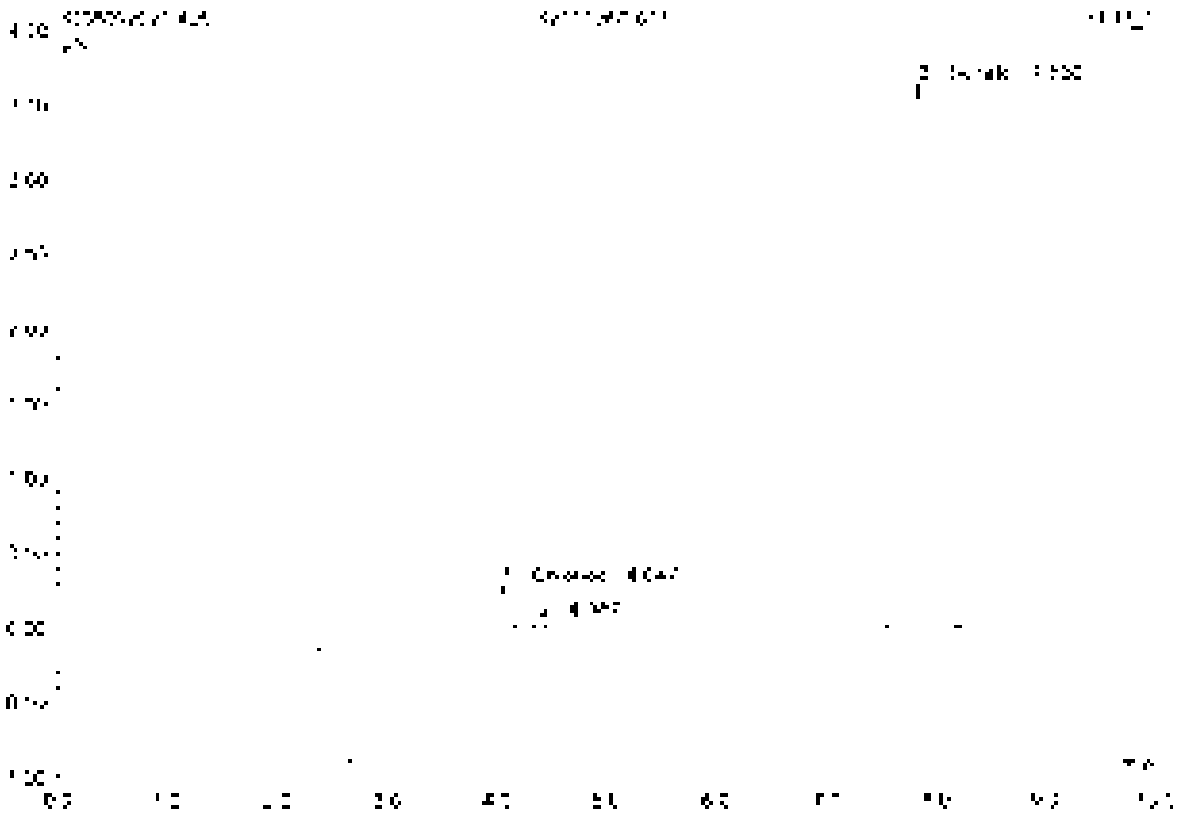
No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.005	0.029	4.14	[illegible]	BMB
2	4.09	n.a.	0.052	0.006	0.86	n.a.	BMB
3	7.82	Sulfate	3.542	0.670	95.00	1342.441	BMB
Total			3.599	0.704	100.00	1374.356	

Default Integration

Chromeleon (c) Dionex 1996-2006
Version 6.80 SR1 Build 3302 (1992/9

26 K2110360-011

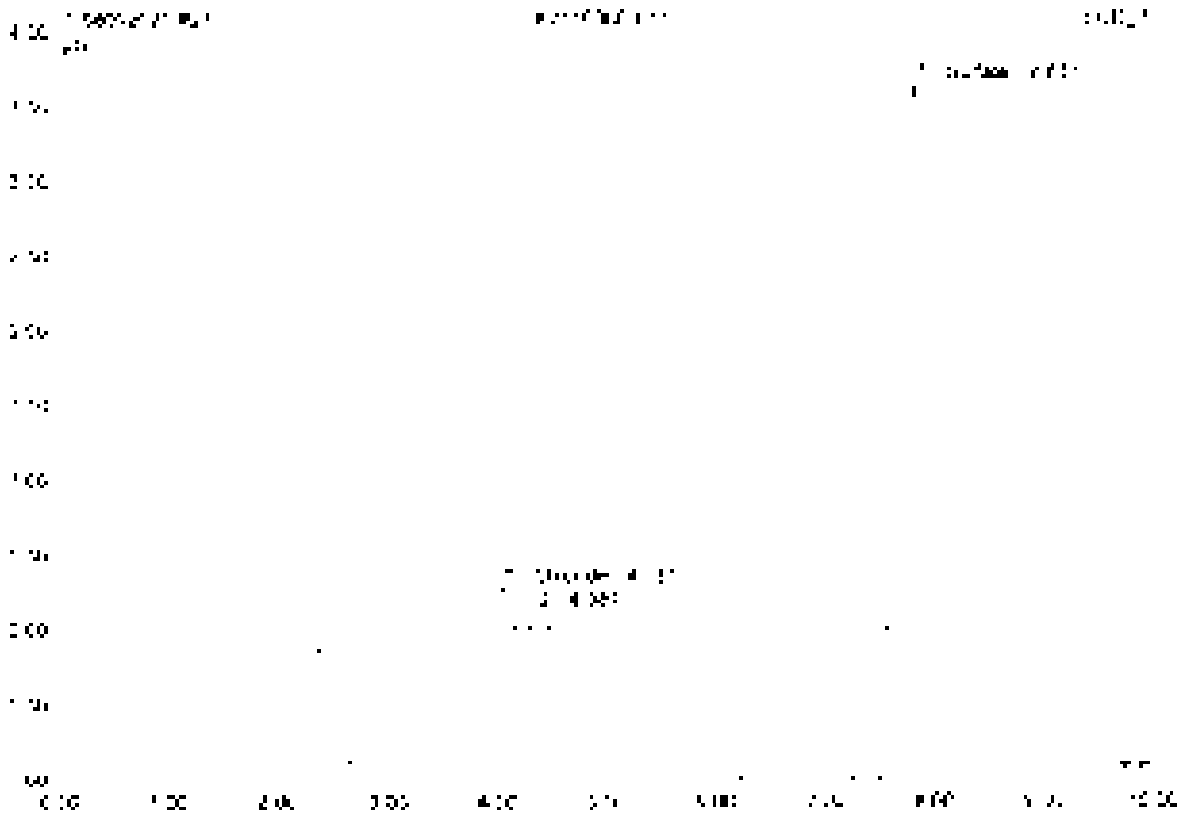
Sample Name	K2110360-011	Injection Volume	25.0
Vial Number	10	Channel	ECD 1
Sample Type	Unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Control Method	apa300	Dilution Factor	200.0000
Recording Time	9/20/2021 16:52	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.280	0.027	3.83	30.000	BMB
2	4.35	n.a.	0.050	0.005	0.75	n.a.	BMB
3	7.23	Sulfate	3.635	0.682	95.42	1062.195	BMB
Total:			3.974	0.715	100.00	1092.195	

27 K2110360-013

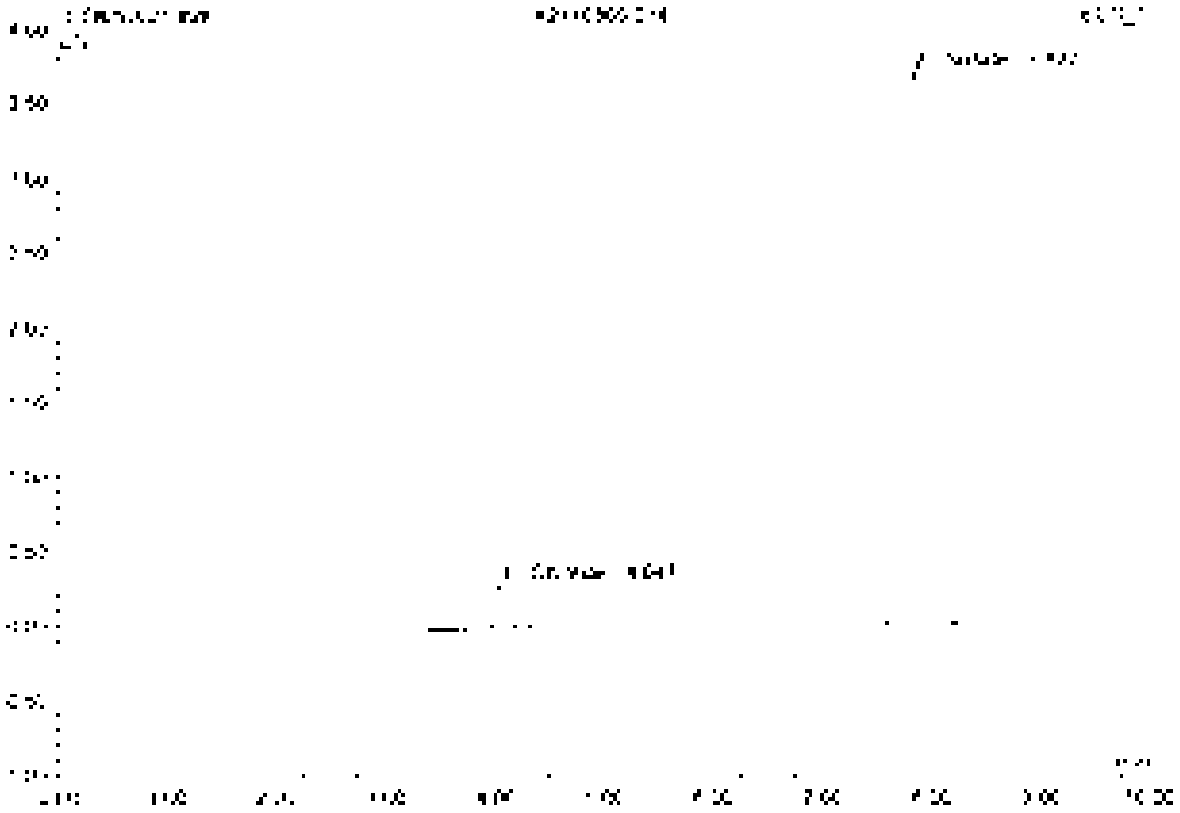
Sample Name	K2110360-013	Injection Volume	25.0
Vial Number	14	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	100.0000
Recording Time	9/20/2021 17:03	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chlorate	0.291	0.020	3.50	50.605	BV10
2	4.39	n.a.	0.022	0.013	1.50	n.a.	BV8
3	7.83	Sulfate	3.644	0.686	94.94	1265.315	BV8
Total:			4.058	0.725	100.00	1315.982	

28 K2110360-014

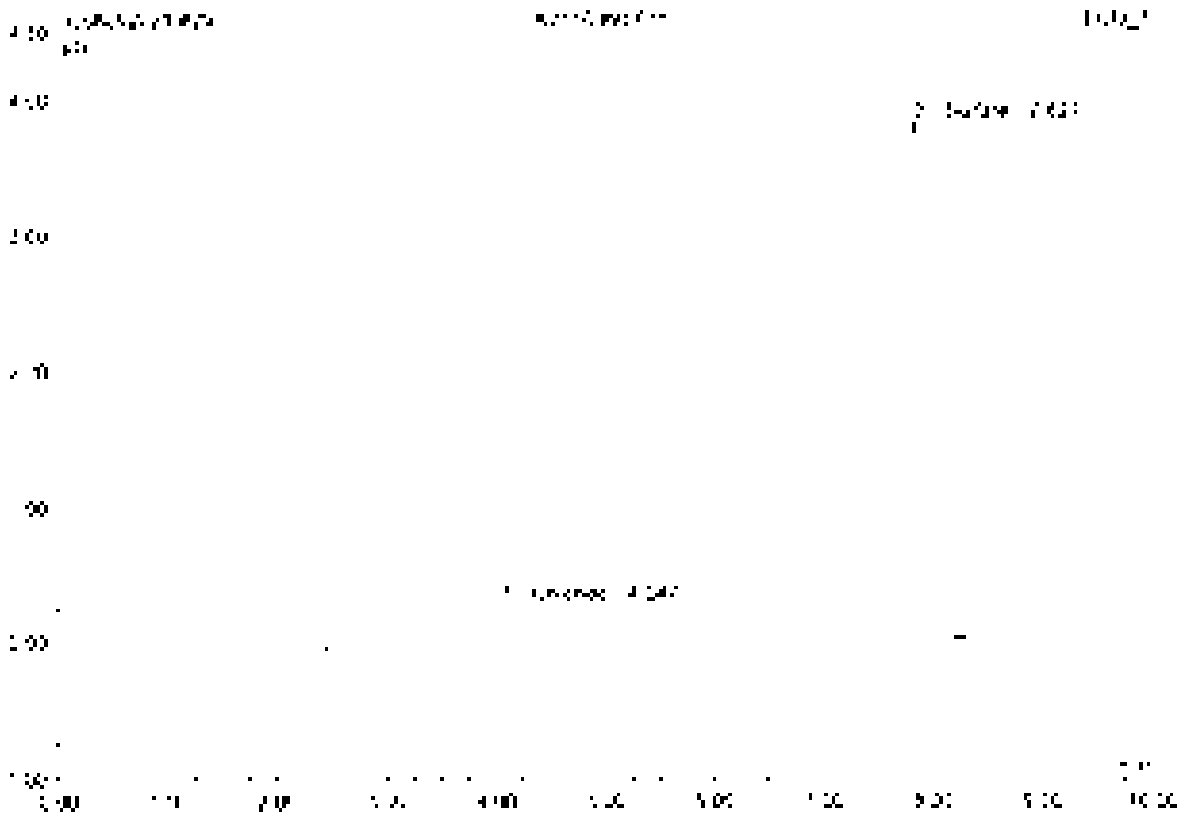
Sample Name	K2110360-014	Injection Volume	35.0
Vial Number	13	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	200.0000
Recording Time	9/16/2021 11:15	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chlorate	[illegible]	[illegible]	4.54	[illegible]	BMB
2	7.83	Sulfate	[illegible]	[illegible]	95.35	1083.297	BMB
Total:			[illegible]	[illegible]	100.00	[illegible]	

29 K2110360-015

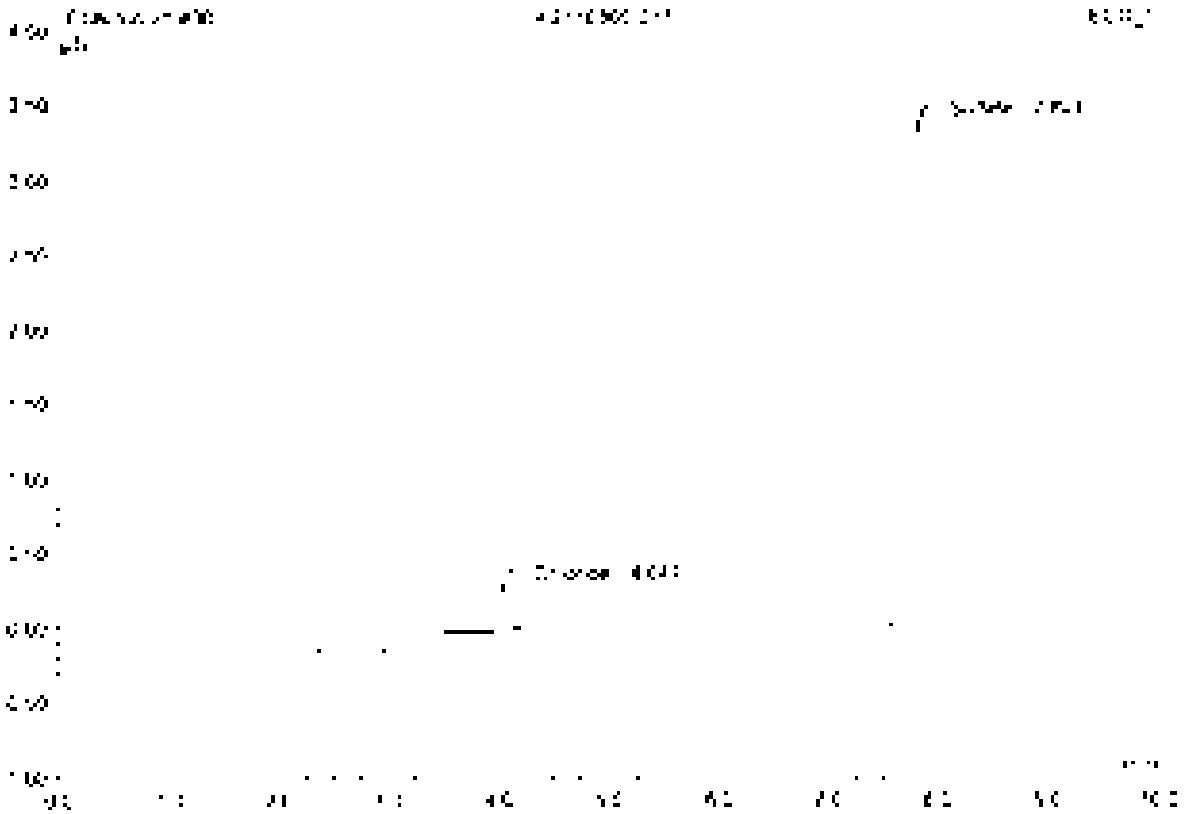
Sample Name	K2110360-015	Injection Volume	25.0
Vial Number	18	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Column Flow	250.0000
Recording Time	6/2/2021 17:28	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.293	0.027	3.64	25.778	BMB
2	7.80	Sulfate	3.815	0.720	96.36	1127.044	BMB
Total			4.107	0.747	100.00	1152.822	

30 K2110360-017

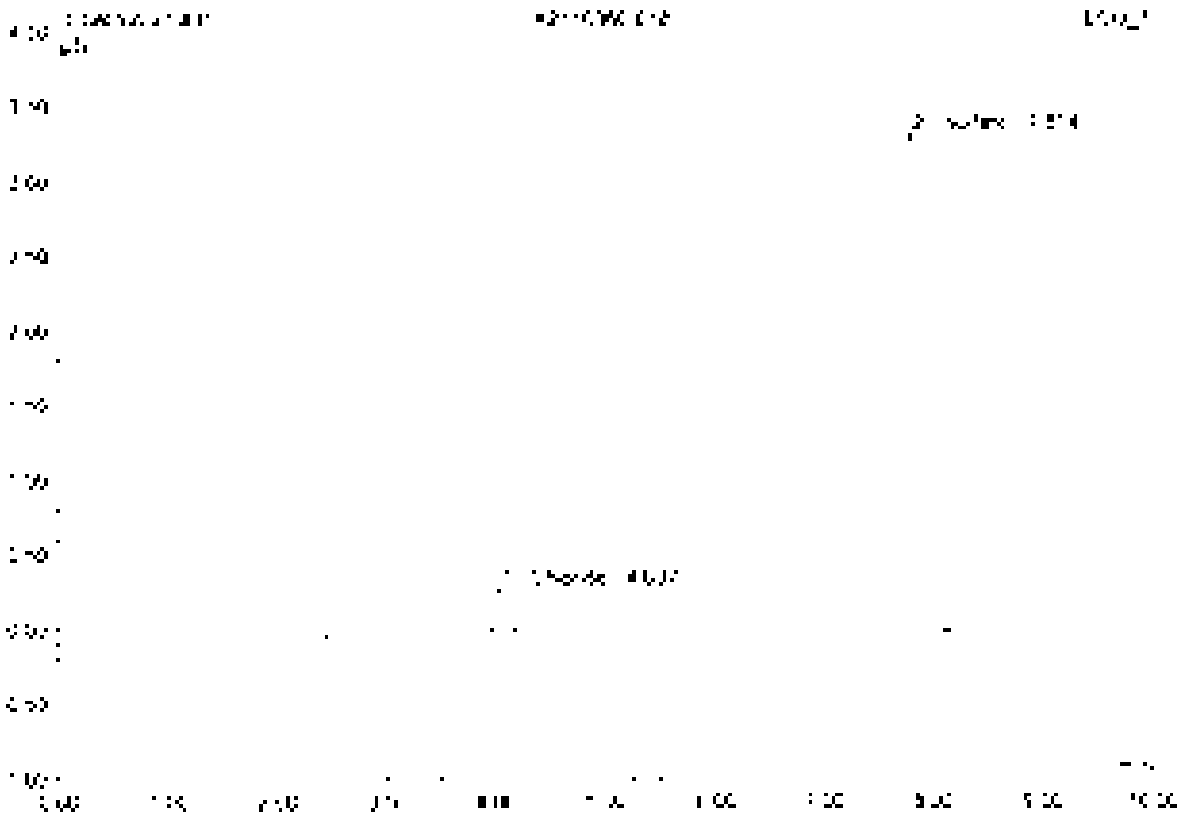
Sample Name	K2110360-017	Injection Volume	75.0
Vial Number	17	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Coding Program	epa300	Bandwidth	n.a.
Digest Method	epa300	Gain/Offset	100.0000
Recording Time	9/20/2021 17:38	Sample Weight	1.0000
Run Time (min)	50.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	0.038	0.036	5.33	15.337	BMB
2	7.80	Sulfate	3.405	0.639	94.67	992.495	BMB
Total			3.713	0.674	100.00	1032.832	

31 K2110360-01B

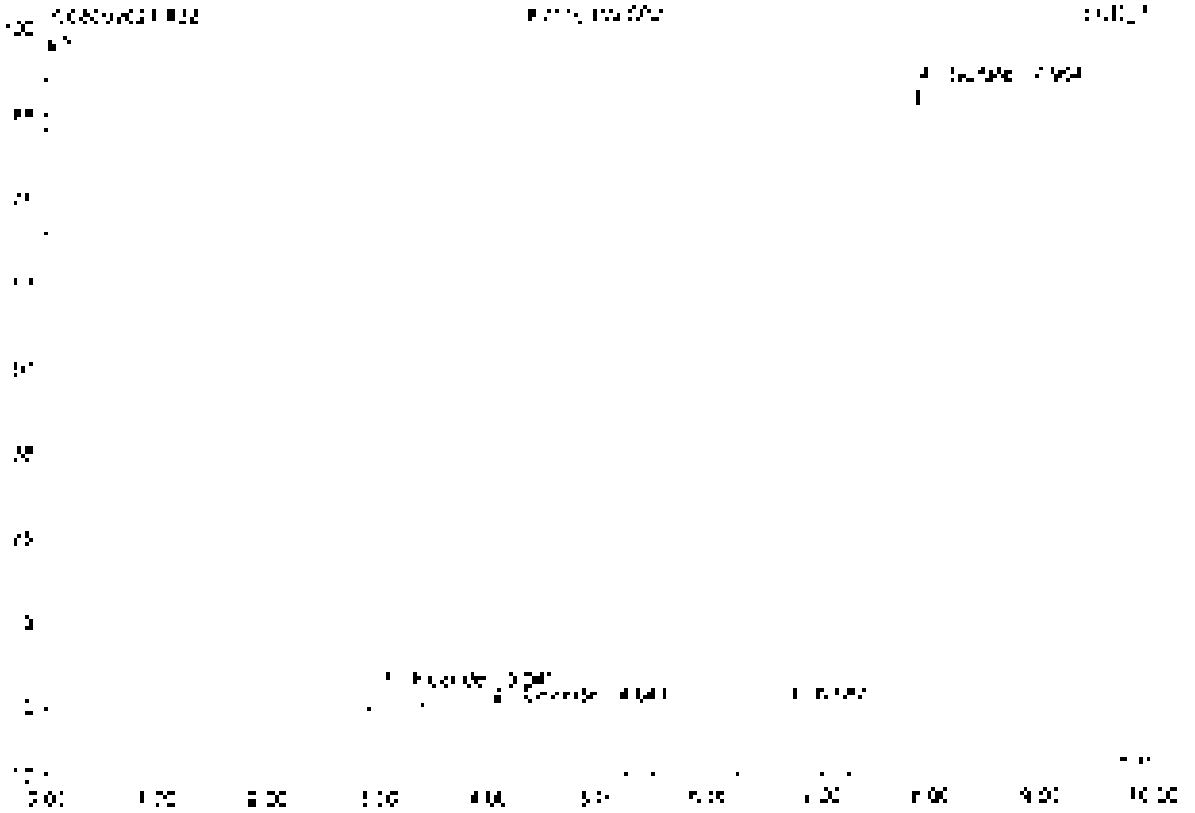
Sample Name	K2110360-01B	Injection Volume	25.0
Vial Number	16	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	200.0000
Recording Time	1/20/2011 11:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chlorate	0.203	0.028	4.24	[illegible]	BMB
2	[illegible]	Sulfate	[illegible]	[illegible]	95.76	[illegible]	BMB
Total			2.621	0.649	100.00	997.370	

32 K2110359-002

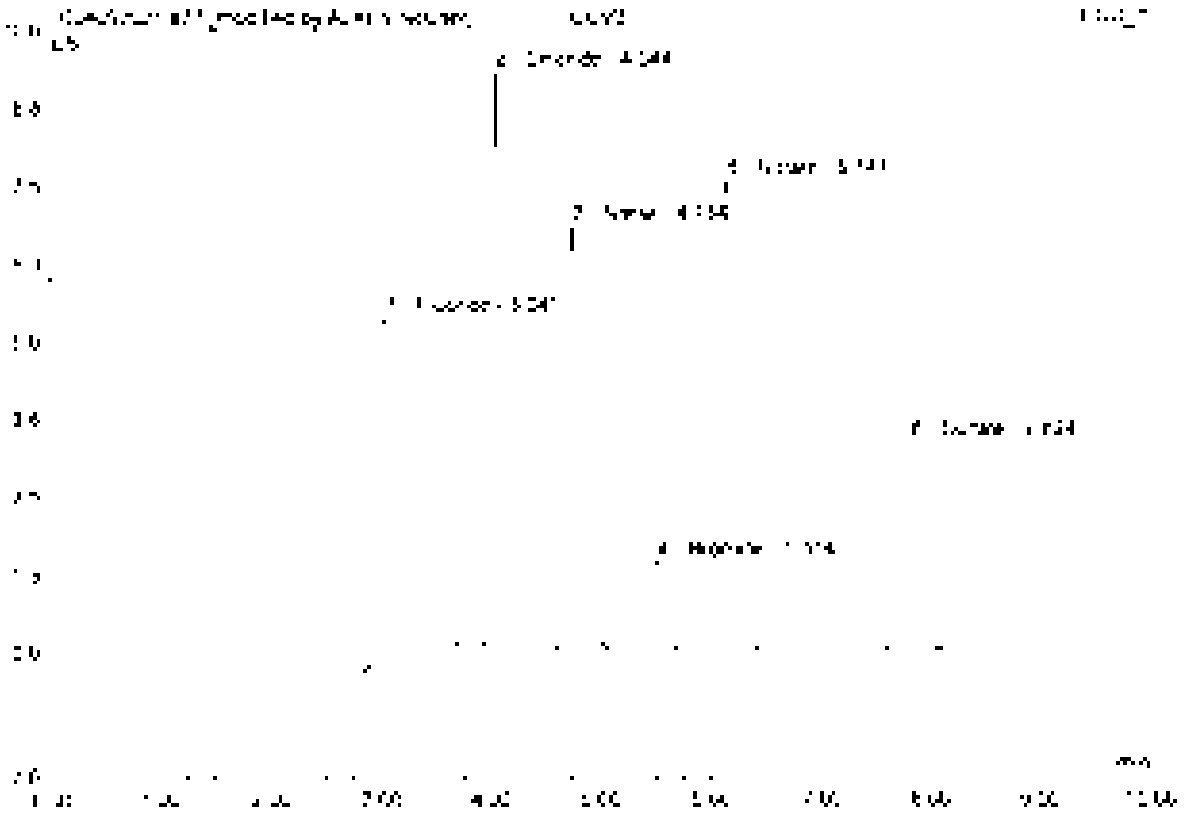
Sample Name	K2110359-002	Injection Volume	25.0
Vial Number	19	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	20.0000
Recording Time	9/20/2021 15:09	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	2.04	Fluoride	2.523	0.062	3.61	58.875	BMB
2	4.04	Chloride	0.953	0.006	0.33	0.610	BMB
3	6.89	n.a.	0.078	0.007	0.04	n.a.	BMB
4	7.93	Sulfate	[illegible]	17.543	96.30	[illegible]	BMB
Total:			[illegible]	18.2[illegible]	100.00	[illegible]	

33 CCV3

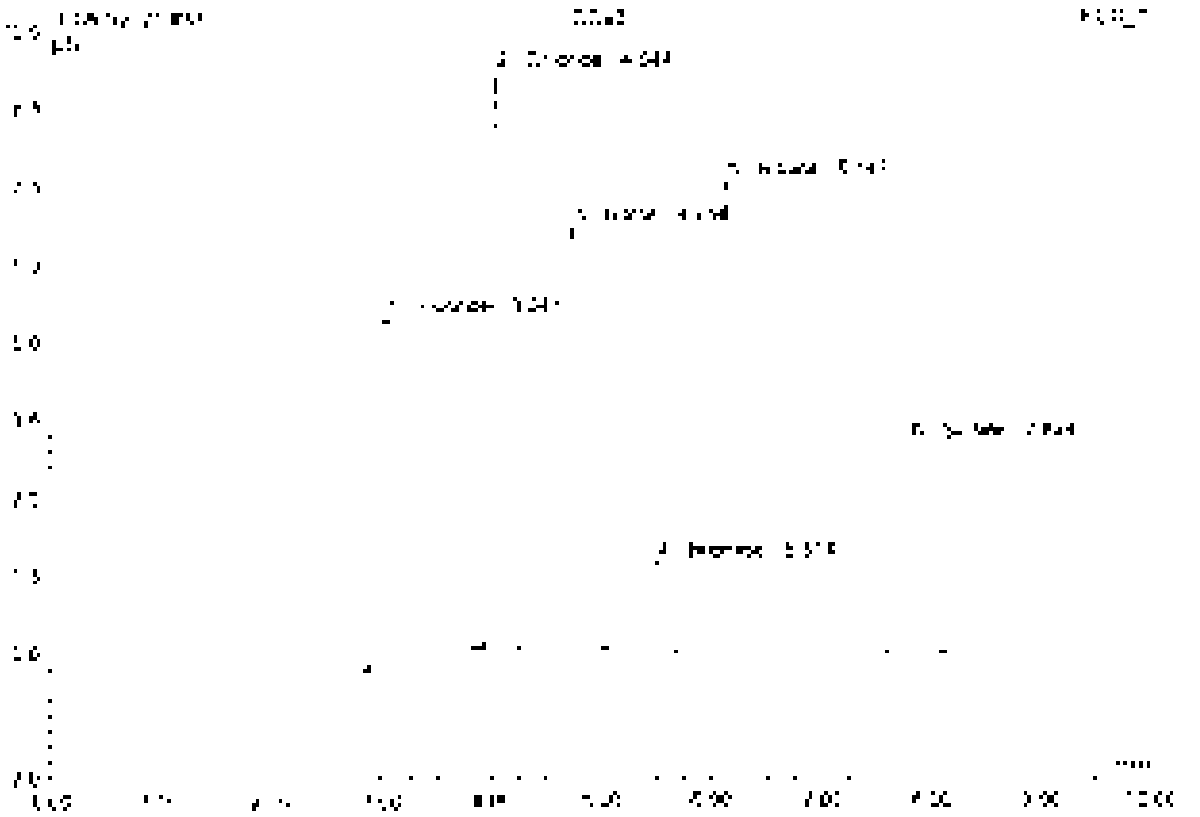
Sample Name	CCV3	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	9/20/2021 14:21	Sample Weight	1.0000
Run Time (min.)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]	BMB*
2	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB*
3	[illegible]	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]	BV B
4	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	BV B
5	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BV B
6	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BV B
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

33 CCV3

Sample Name	CCV3	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Sampler Method	wpa300	Dilution Factor	1.0000
Recording Time	8/20/2021 16:21	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



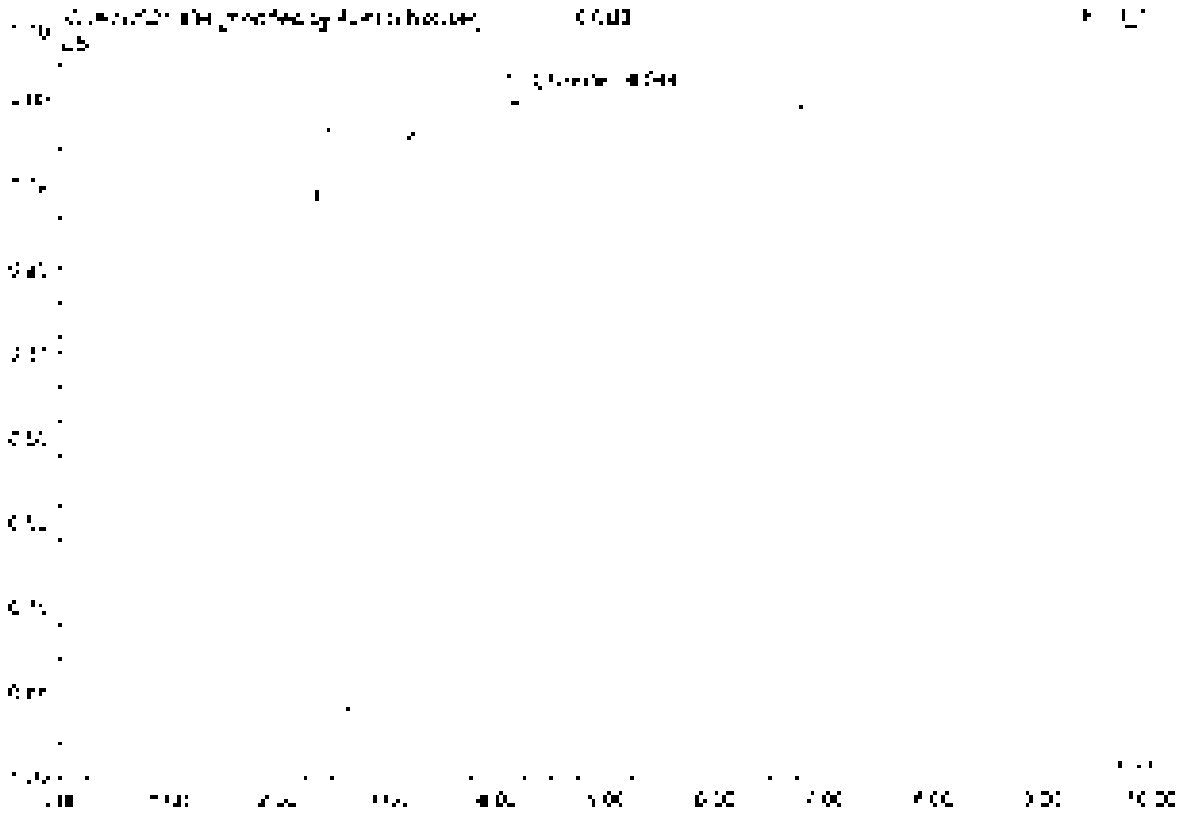
No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.94	Fluoride	5.614	[illegible]	25.8[illegible]	5.496	BMB
2	4.34	Chloride	9.260	0.843	17.55	4.601	BMB
3	4.75	Nitrite	6.817	0.870	18.[illegible]8	2.437	BMB
4	5.51	Bromide	[illegible]	[illegible]	3.65	2.370	BMB
5	6.15	Nitrate	[illegible]	[illegible]	21.54	2.339	BMB
6	7.85	Sulfate	[illegible]	0.632	13.2[illegible]	4.924	BMB
Total			34.090	4.78[illegible]	100.00	22.15[illegible]	

Biniare

SEP 7 [illegible]

34 CCB3

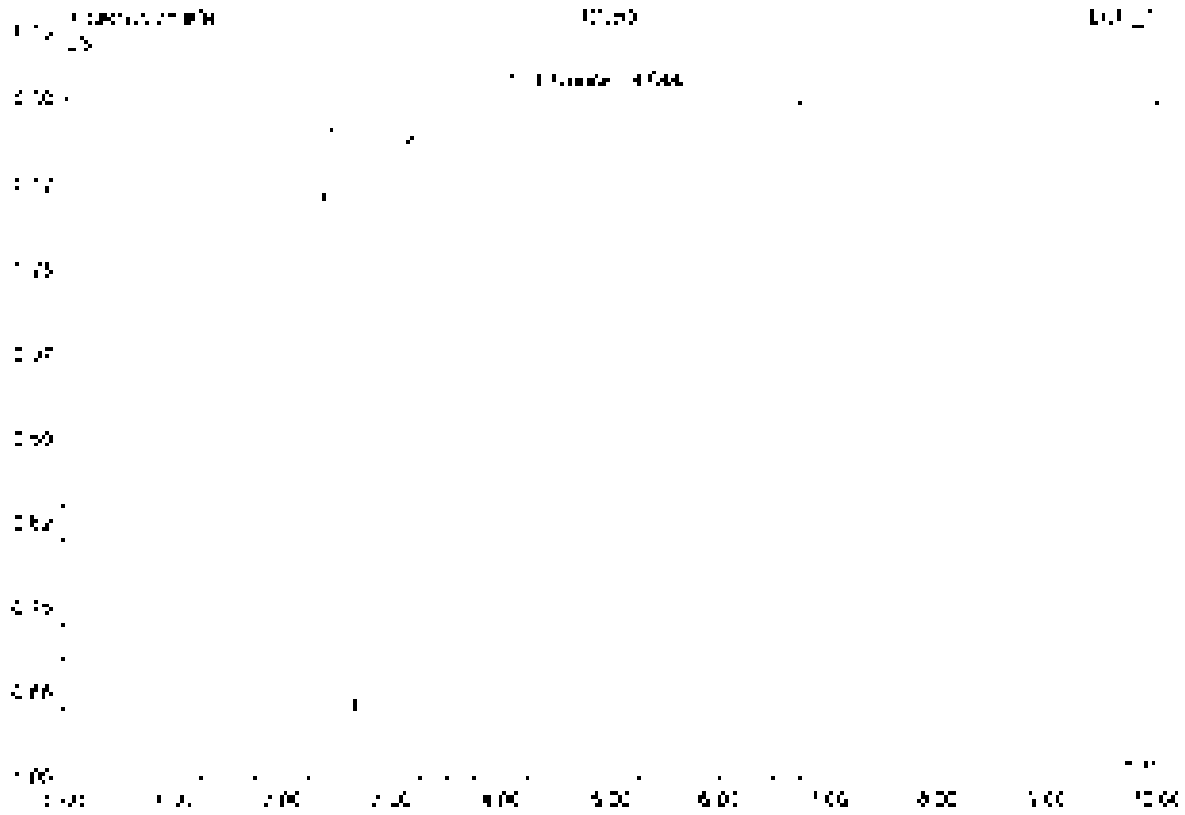
Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quantit. Method	spa300	Dilution Factor	1.0000
Recording Time	[illegible]/2021 10:32	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	[illegible]	[illegible]	[illegible]	100.00	[illegible]	BMB*
Total:			[illegible]	[illegible]	100.00	[illegible]	

34 CCB3

Sample Name	CCB3	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/20/2021 1:[illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



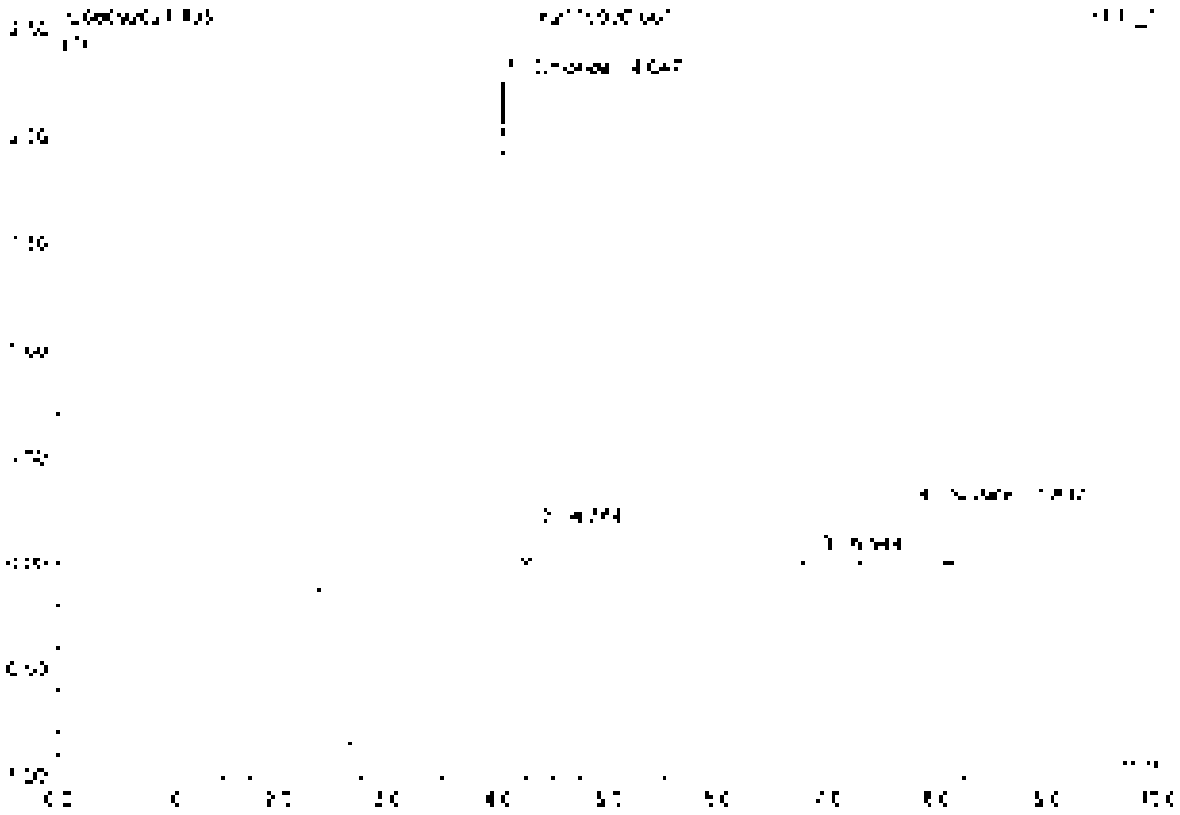
No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.08	Chloride	0.743	2.121	100.00	[illegible]	BMB
Total:			0.743	2.121	100.00	[illegible]	

Butoxide

[illegible]

35 K2110930-001

Sample Name	K2110930-001	Injected Volume	25.0
Vial Number	30	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	2.0000
Recording Time	9/20/2021 18:44	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



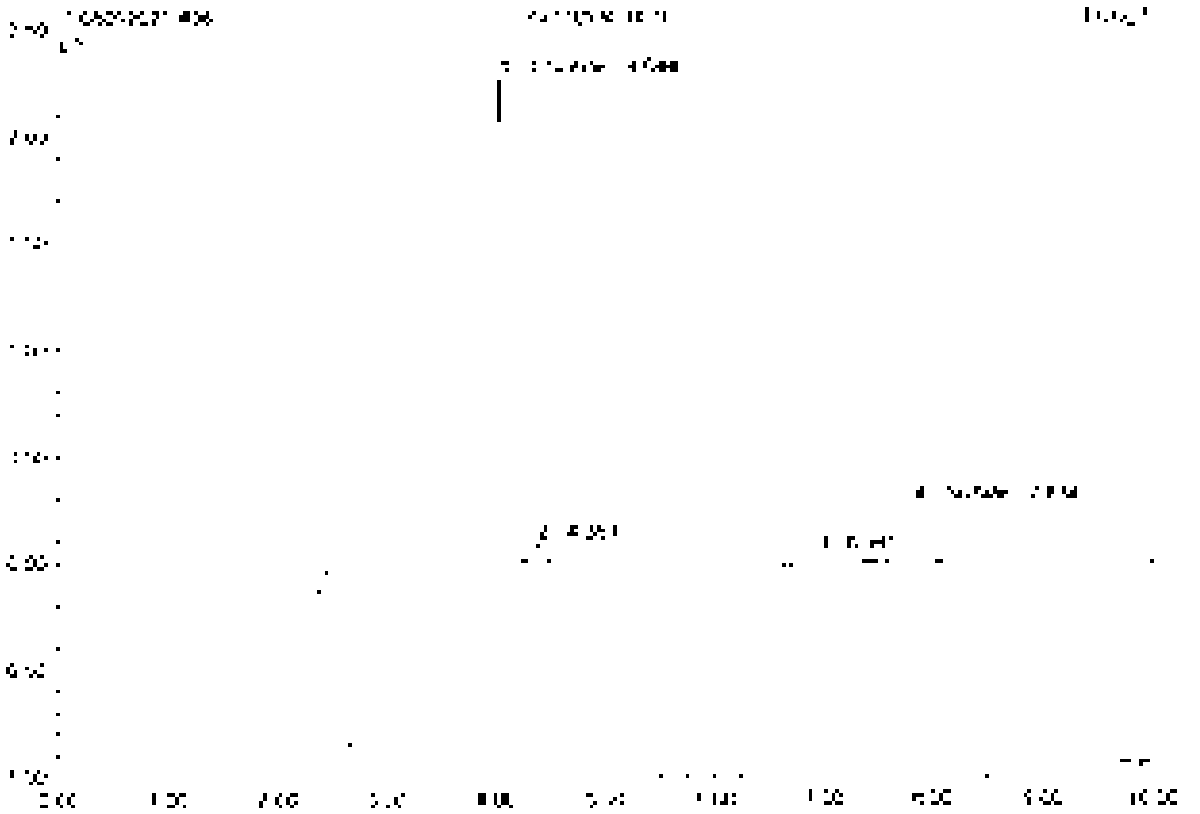
No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.05	Chlordane	2.268	0.211	71.84	2.315	BMb
2	4.39	n.a.	0.152	0.017	5.59	n.a.	bMB
3	5.94	n.a.	0.044	0.016	5.43	n.a.	BMb
4	7.84	Sulfate	0.297	0.050	17.09	0.782	bMB
Total:			2.742	0.294	100.00	3.097	

Delay Integration

Chromeleon Client Licence 1590 2000
Version 6.80 SR11 build 3302 (1962 [illegible])

36 K2110930-001D

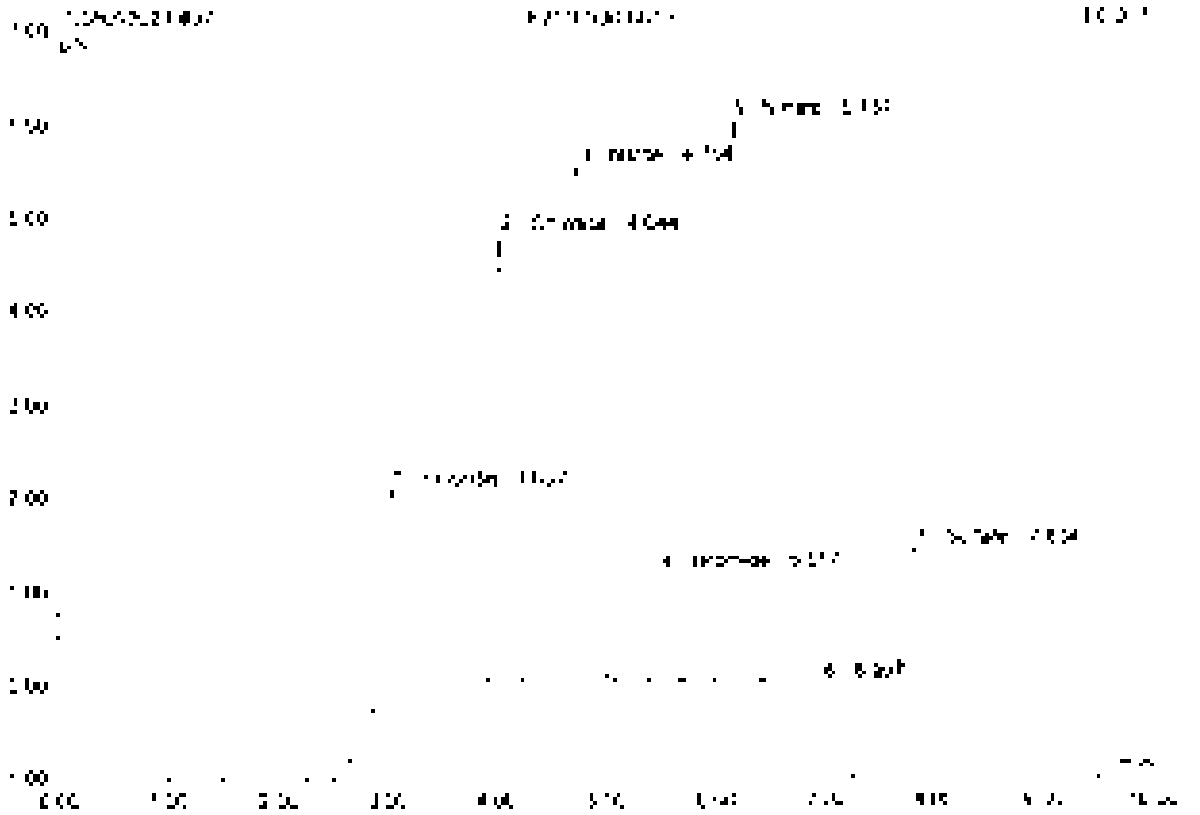
Sample Name	K2110930-001D	Injection Volume	10.0
Run Number	21	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Control Method	spa300	Dilution Factor	1.0000
Recording Time	9/20/2021 18:56	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	2.274	0.211	[illegible]	2.311	BMP
2	4.38	n.a.	0.067	0.009	[illegible]	n.a.	BMB
3	6.94	n.a.	0.045	0.019	6.56	n.a.	BMb
4	7.83	Sulfate	0.359	0.049	[illegible]	0.757	BMB
Total:			2.800	0.288	100.00	3.075	

37 K2110930-001S

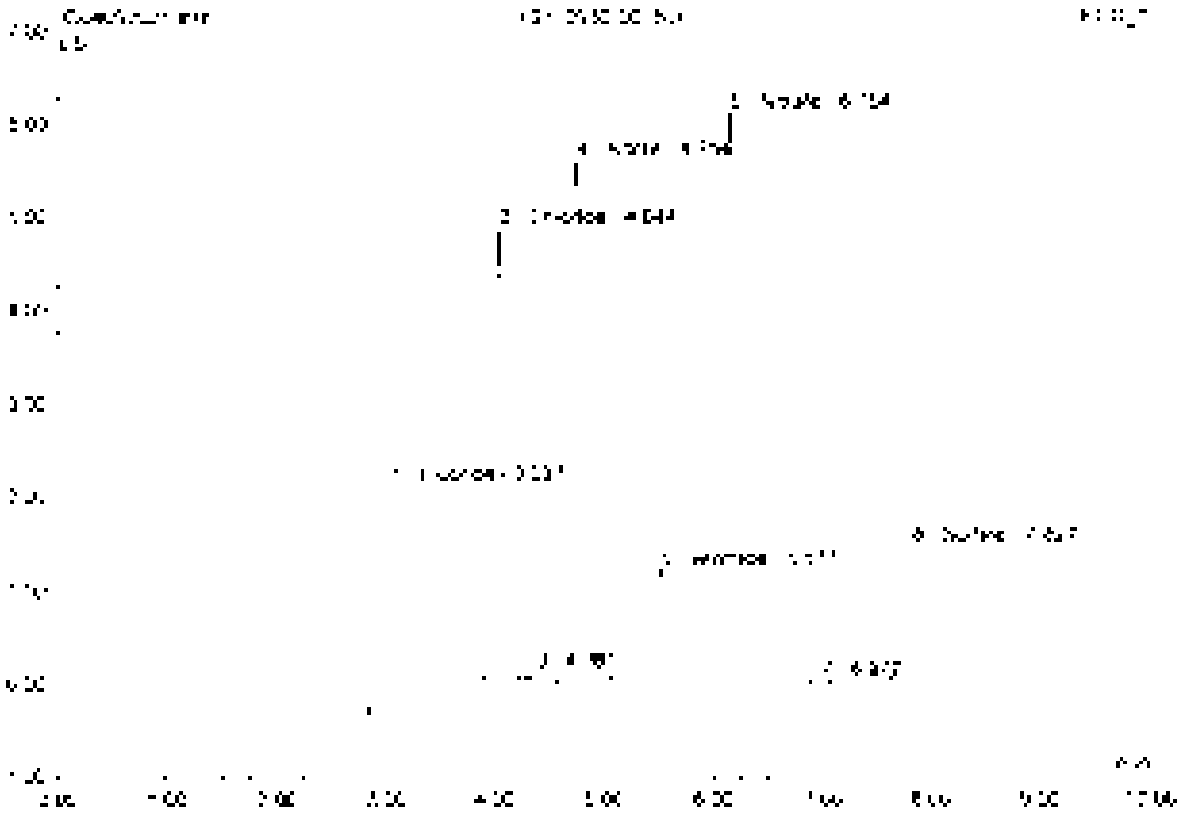
Sample Name	K2110930-001S	Injection Volume	75.0
Vial Number	37	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	4.0000
Processing Time	9/20/2021 19:08	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	2.347	0.305	19.16	10.172	BMB
2	4.04	Chloride	4.781	0.440	14.82	5.636	BMB
3	4.75	Nitrite	5.515	0.701	23.62	7.871	BMB
4	5.52	Bromide	[illegible]	0.144	4.85	2.807	BMB
5	6.16	Nitrate	6.024	0.836	28.18	[illegible]	BMB
6	7.00	n.a.	0.021	0.007	0.23	n.a.	BMB
7	7.83	Sulfate	7.455	[illegible]	9.04	8.401	BMB
Total			[illegible]	2.968	100.00	[illegible]	

38 KZ110930-001SD

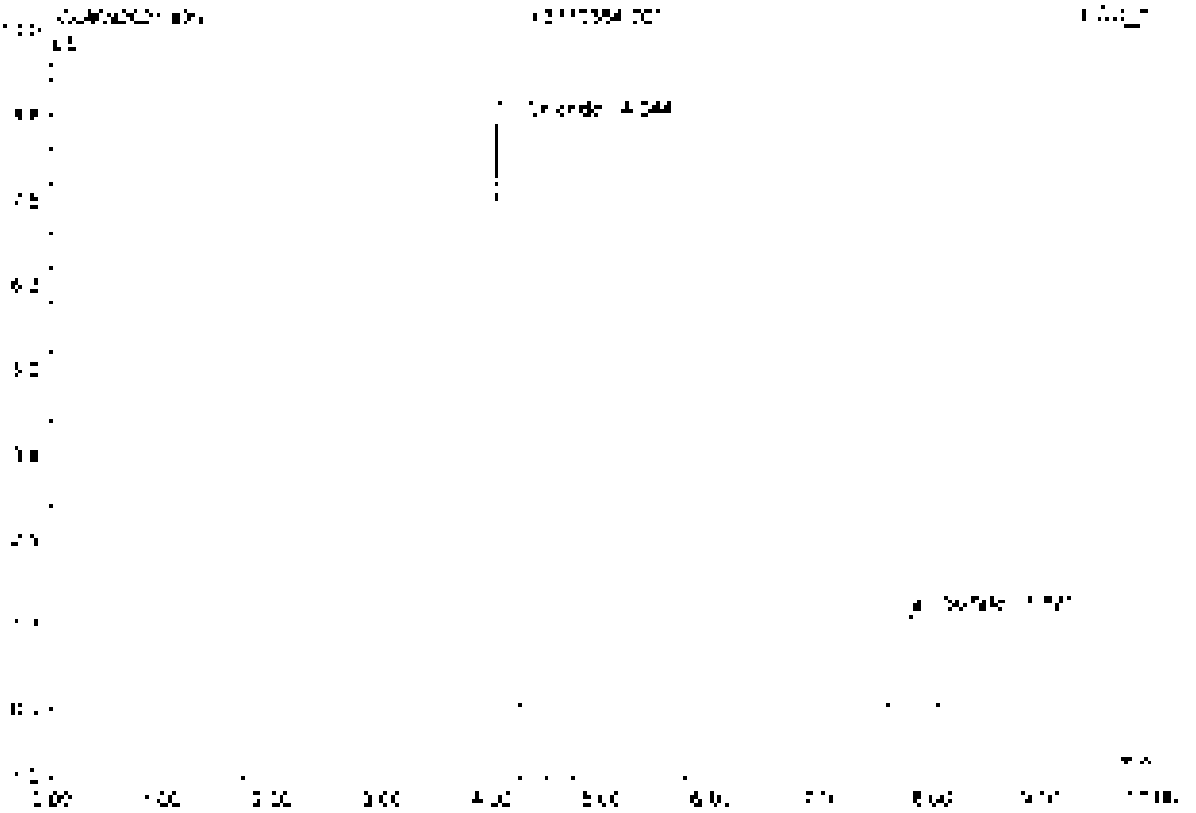
Sample Name	KZ110930-001SD	Injection Volume	25.0
Vial Number	23	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	4.0000
Processing Time	9/20/2021 14:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.34	Fluoride	3.380	0.575	10.13	10.237	BMB
2	4.34	Chloride	4.838	0.440	14.03	[illegible]	BMB
3	4.38	n.a.	0.162	0.010	0.34	n.a.	BMB
4	[illegible]	Nitrite	5.574	0.112	2.157	[illegible]	BMB
5	5.52	Bromide	1.190	0.145	4.82	3.854	BMB
6	6.15	Nitrate	6.030	0.844	28.07	7.640	BMB
7	6.58	n.a.	0.021	0.004	0.13	n.a.	BMB
8	7.81	Sulfate	1.458	0.268	8.91	8.340	BMB
Total:			21.643	3.007	100.00	51.815	

39 K2110384-001

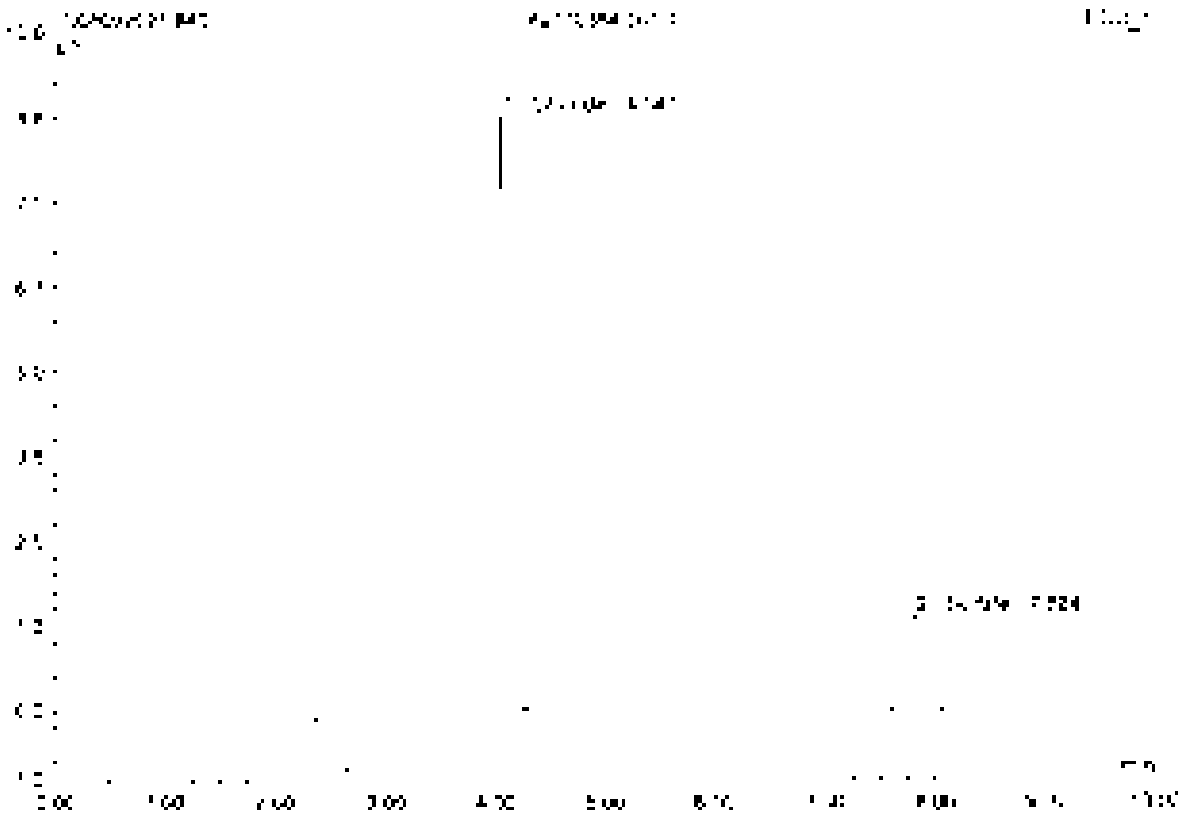
Sample Name	K2110384-001	Injection Volume	25.0
Vial Number	24	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	20.0000
Processing Time	9/1/2021 18:31	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.34	Chlordane	8.545	0.756	75.43	95.112	BV BI
2	7.52	Toxaphene	1.367	0.246	24.57	31.512	BV BI
Total:			10.012	1.002	100.00	126.624	

40 K2110384-001D

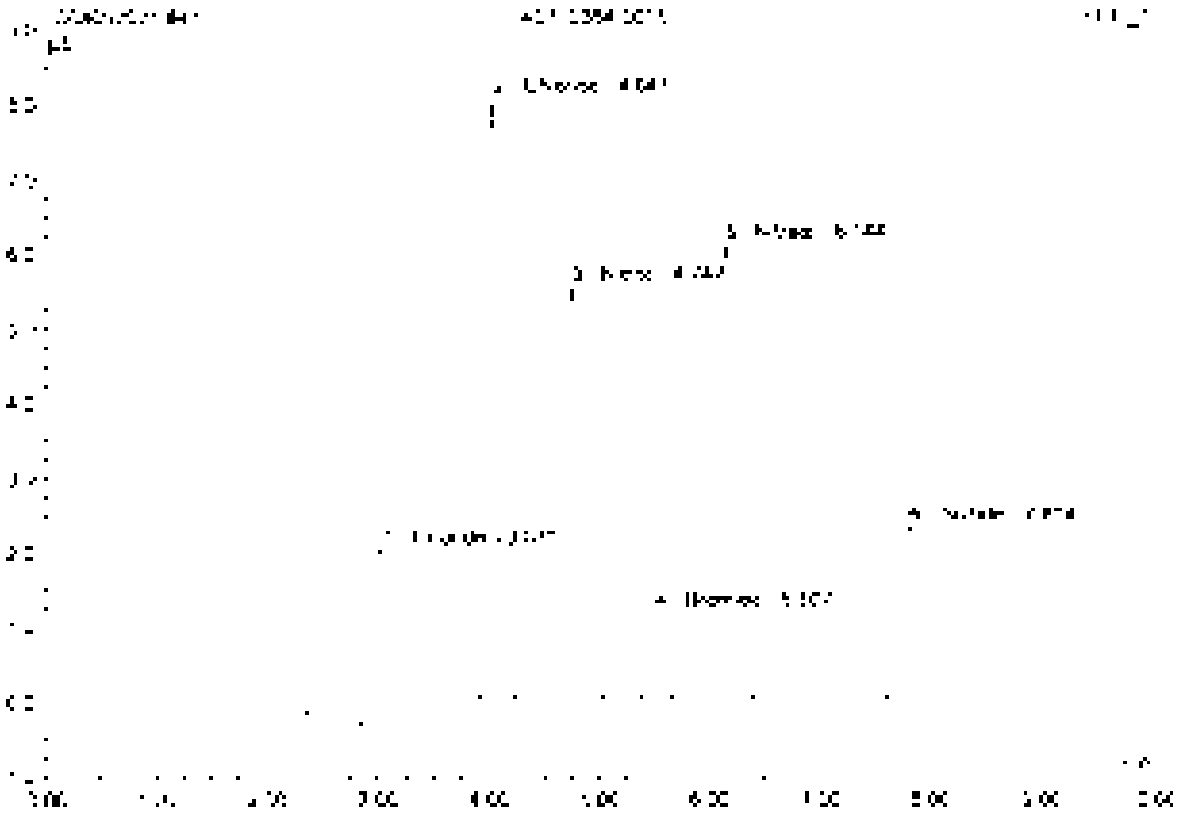
Sample Name	K2110384-001D	Injection Volume	25.0
Vial Number	25	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quantit. Method	apa300	Dilution Factor	20.0000
Recording Time	9/20/2021 19:42	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	8.755	0.798	75.27	87.210	BMD
2	7.52	Sulfate	1.385	0.259	24.50	40.302	BMD
Total:			10.146	1.058	100.00	127.512	

41 K2110384-001S

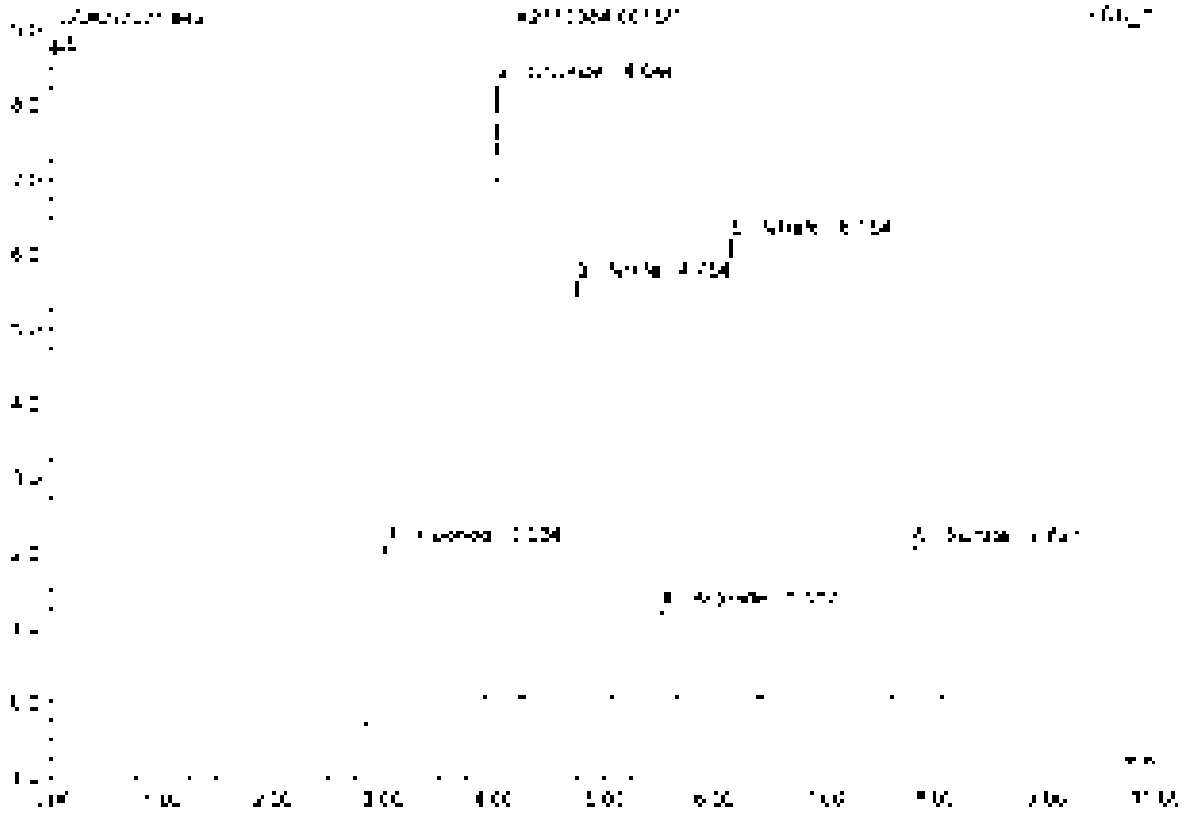
Sample Name	K2110384-001S	Injection Volume	25.0
Vial Number	26	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quantif. Method	spa300	Dilution Factor	40.0000
Processing Time	9/20/2021 14:54	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	2.026	0.567	16.52	101.864	BMB
2	4.04	Chloride	2.064	0.735	21.41	160.575	BMB
3	4.75	Nitrite	5.551	0.706	20.58	[illegible]	BV B
4	5.51	Bromide	[illegible]	0.145	4.23	78.690	BV B
5	6.14	Nitrate	[illegible]	0.839	24.44	75.924	BV B
6	7.51	Sulfate	2.365	0.443	12.92	137.031	BV B
Total:			23.011	3.432	100.00	632.031	

42 K2110384-001SD

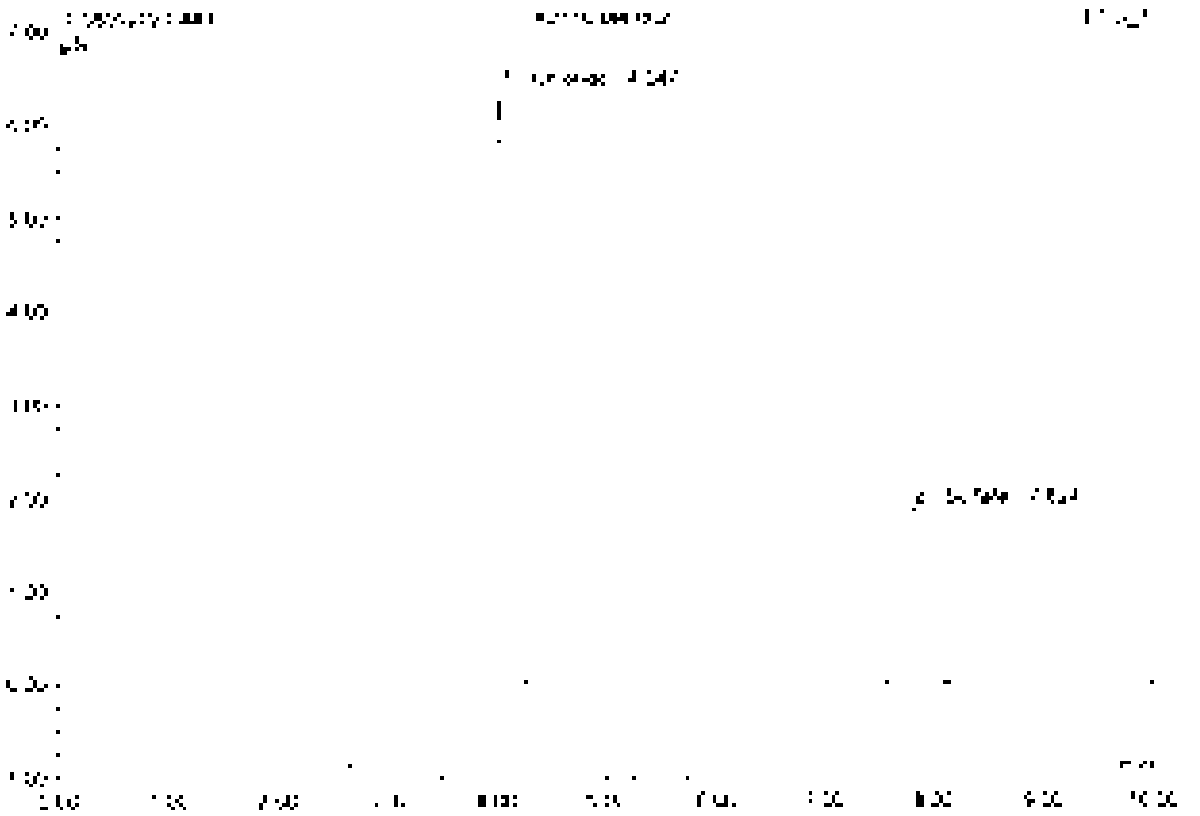
Sample Name	K2110384-001SD	Injection Volume	25.0
Vial Number	27	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	40.0000
Recording Time	9/20/2021 20:06	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	2.335	0.570	16.71	101.331	BV9
2	4.04	Chloride	8.235	0.752	22.05	134.773	BV9
3	4.75	Nitrite	6.589	0.714	20.93	79.920	BV9
4	5.52	Bromide	1.202	0.146	4.30	24.374	BV9
5	6.15	Nitrate	6.151	0.846	24.81	76.560	BV9
6	7.82	Sulfate	2.040	0.391	11.19	178.753	BV9
Total:			25.551	3.409	100.00	620.710	

43 K2110384-002

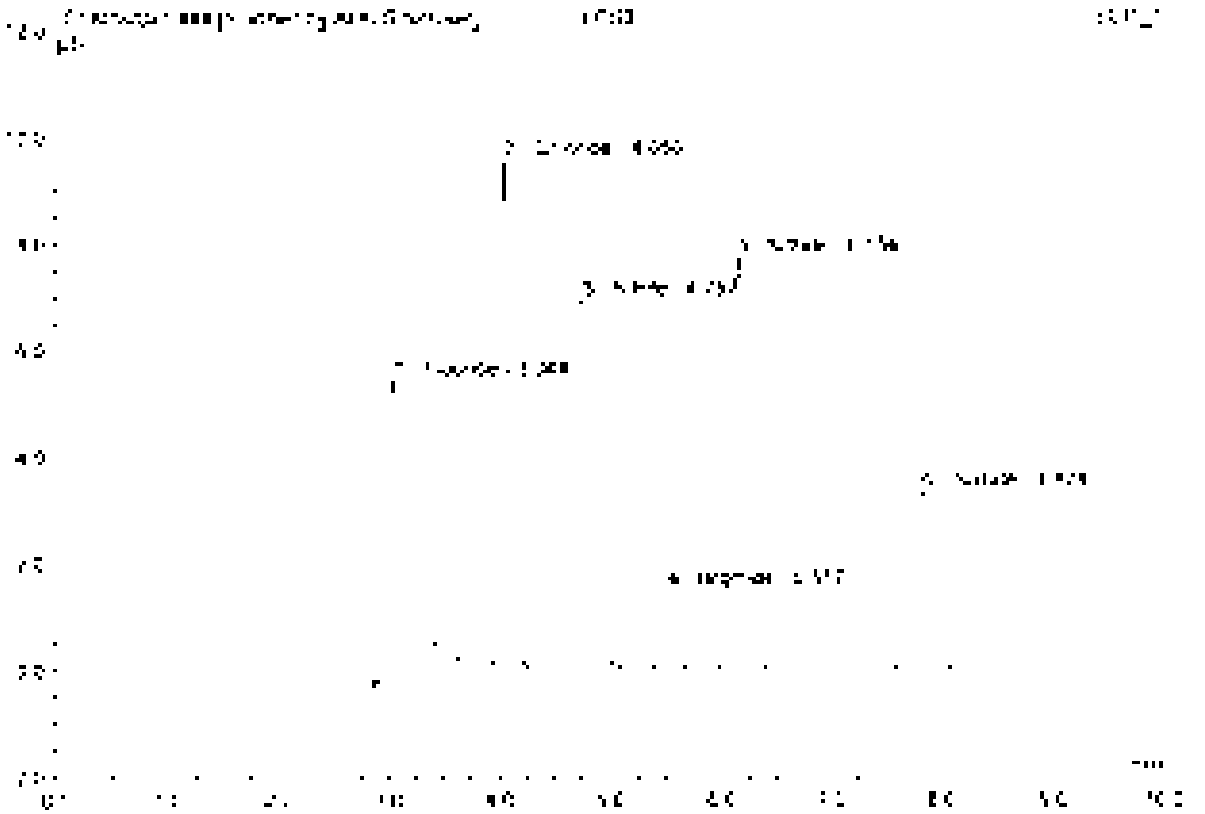
Sample Name	K2110384-002	Injection Volume	25.0
Vial Number	38	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	40.0000
Recording Time	8/20/2021 20:17	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	6.354	0.182	62.19	127.429	BMB
2	7.82	Sulfate	1.882	0.354	37.81	110.130	BMB
Total			8.236	0.535	100.00	237.559	

44 LCS2

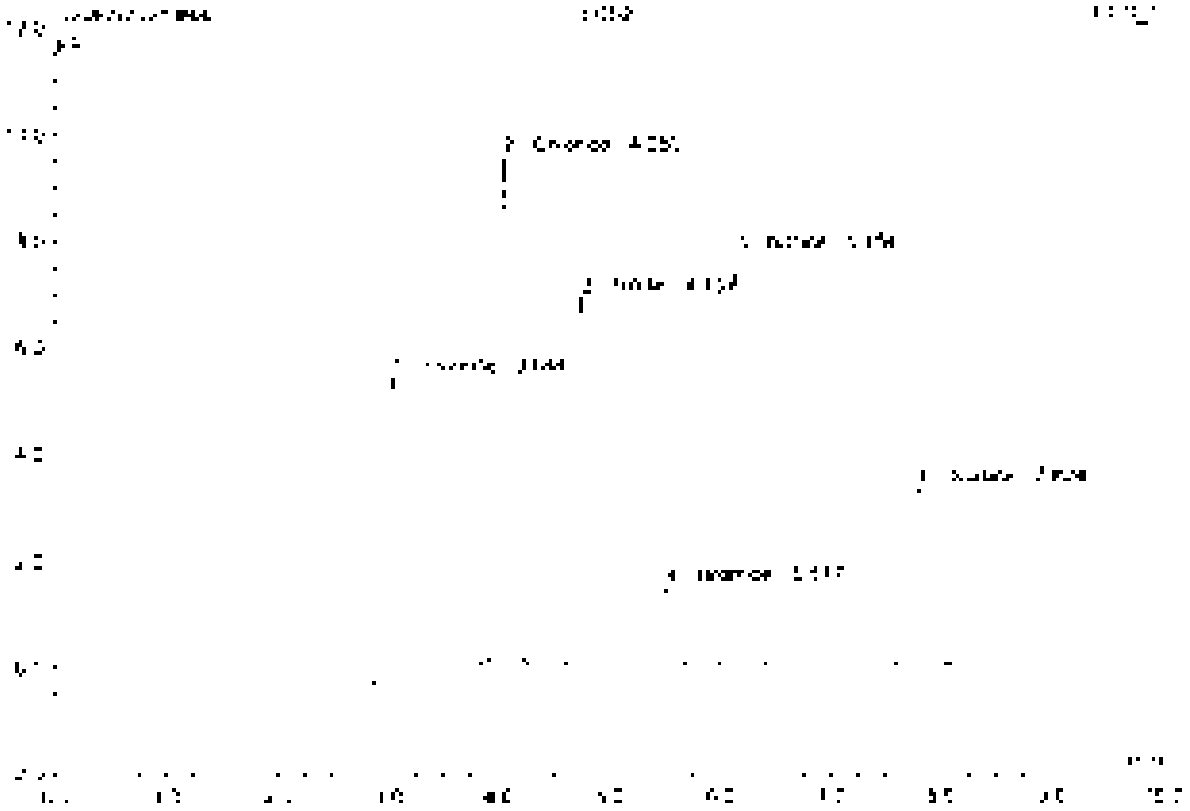
Sample Name	LCS2	Injection Volume	25.0
Vial Number	2	Column	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quick Method	epa300	Dilution Factor	1.0000
Recording Time	9/2/2021 9:29	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.64	Fluoride	5.621	1.765	24.47	5.182	BV3*
2	4.05	Chloride	5.499	0.864	18.10	4.731	BV3*
3	4.76	Nitrite	6.898	0.885	18.54	2.477	BMB
4	5.52	Bromide	1.405	0.789	16.53	2.493	BMB
5	6.15	Nitrate	7.725	1.055	22.12	2.389	BMB
6	7.82	Sulfate	3.339	0.624	13.07	4.856	BMB
Total:			34.567	4.772	100.00	22.067	

44 LCS2

Sample Name	LCS2	Injection Volume	25.0
Vial Number	2	Channel	ECD 1
Sample Type	unknown	Wavelength	n/a
Control Program	apa300	Bandwidth	n/a
Quant Method	apa300	Dilution Factor	1.0000
Recording Time	9/20/2021 [illegible]	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	5.662	[illegible]	25.96	5.524	BMb
2	4.05	Chloride	9.499	0.854	17.73	4.731	BVB
3	4.75	Nitrite	5.938	0.885	18.16	2.477	BMB
4	5.52	Bromide	1.481	0.180	3.68	2.432	BVB
5	6.15	Nitrate	7.325	1.055	21.67	2.326	BVB
6	7.82	Sulfate	3.339	0.624	12.80	4.556	BVB
Total:			34.512	4.872	100.00	22.546	

Before

SLP 7 :

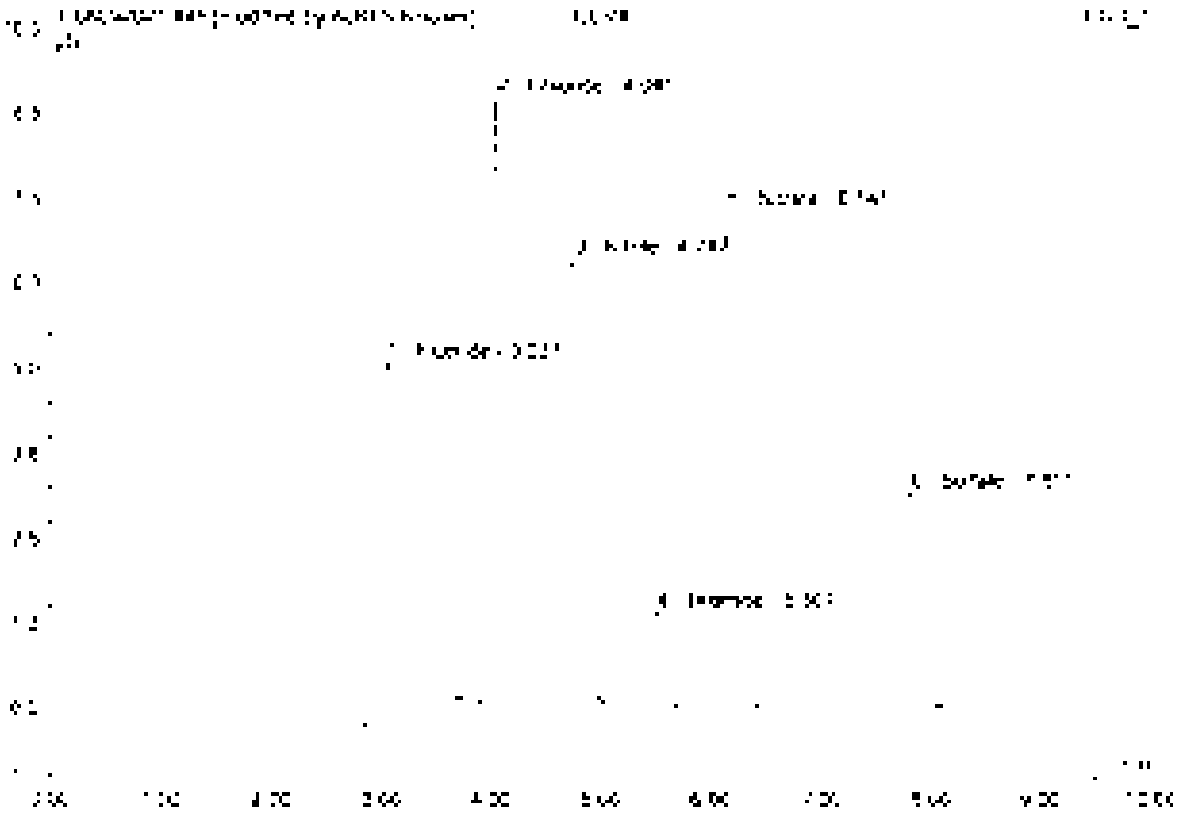
Chromeleon ic Dionex 1996-2006
Version 6.50 SR1a Build 3302 (1962/6,

cefault integration

45 CCV4

CL OUT -NR CL--

Sample Name	CCV4	Injection Volume	25.0
Vial Number	48	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Method Program	epa300	Bandwidth	n.a.
Method Named	epa300	Dilution Factor	1.0000
Recording Time	9/20/2021 20:41	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	3.04	Fluoride	5.277	[illegible]	24.55	[illegible]	BMB*
2	4.04	Chloride	9.925	0.910	[illegible]	4.435	BMB*
3	4.75	Nitrite	6.547	0.842	[illegible]	2.357	BMB
4	5.57	Bromide	1.358	0.164	[illegible]	2.955	BMB
5	5.94	Nitrate	7.313	1.300	22.57	7.263	BMB
6	[illegible]	Sulfate	3.180	0.592	[illegible]	4.615	BMB
Total			32.680	4.531	100.00	20.537	

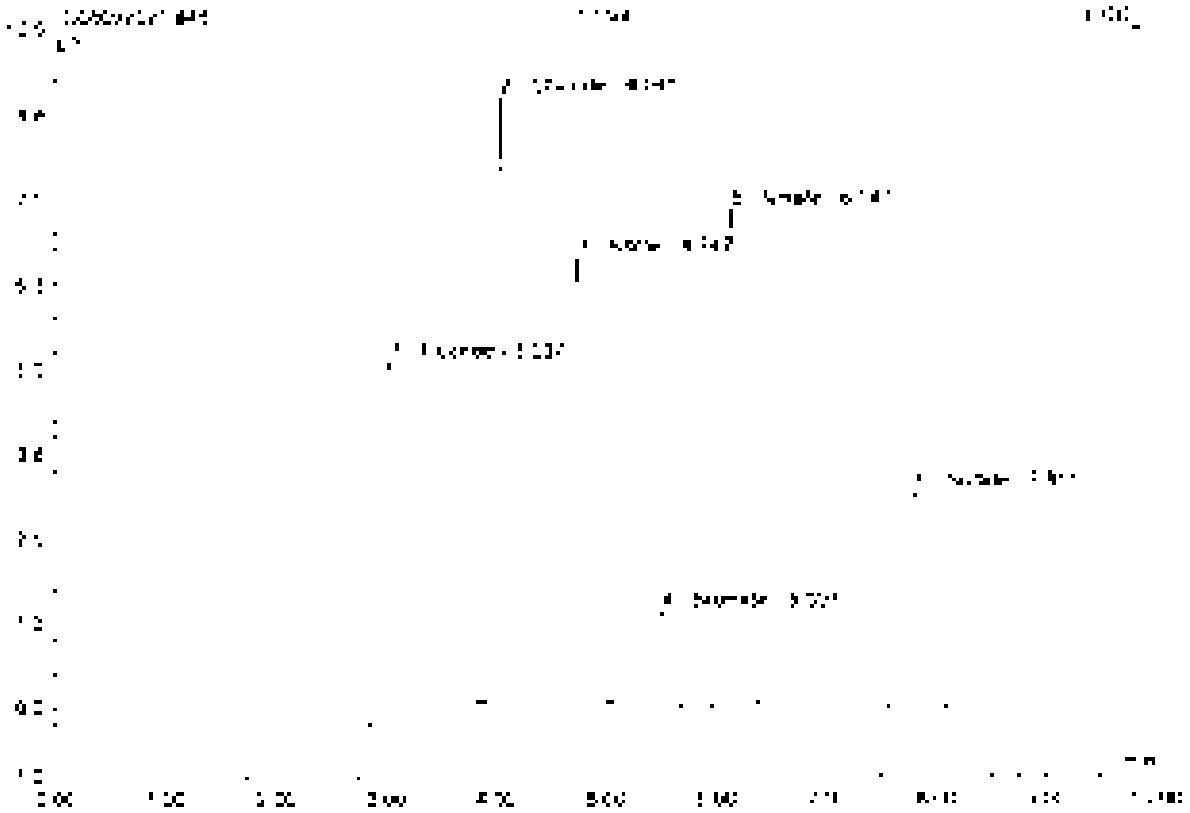
Default Integrator

Chromeleon (c) Dionex 1990-2000
Version 6.80 SR1 [illegible]

45 CCV4

CL OUT -NR CL--

Sample Name	CCV4	Injection Volume	25.0
Vial Number	46	Channel	LCD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Count Method	wpa300	Dilution Factor	1.0000
Recording Time	9/20/2021 20:41	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.34	Fluoride	5.305	[illegible]	25.73	5.251	BMb
2	4.34	Chloride	8.325	0.810	17.60	4.499	BMB
3	4.75	Nitrite	6.557	0.847	18.31	9.367	BVB
4	5.51	Bromide	[illegible]	0.159	3.68	2.295	BVB
5	6.14	Nitrate	7.312	[illegible]	21.75	2.263	BVB
6	7.91	Sulfate	3.180	0.593	12.50	4.511	BVB
Total:			32.708	4.597	100.00	[illegible]	

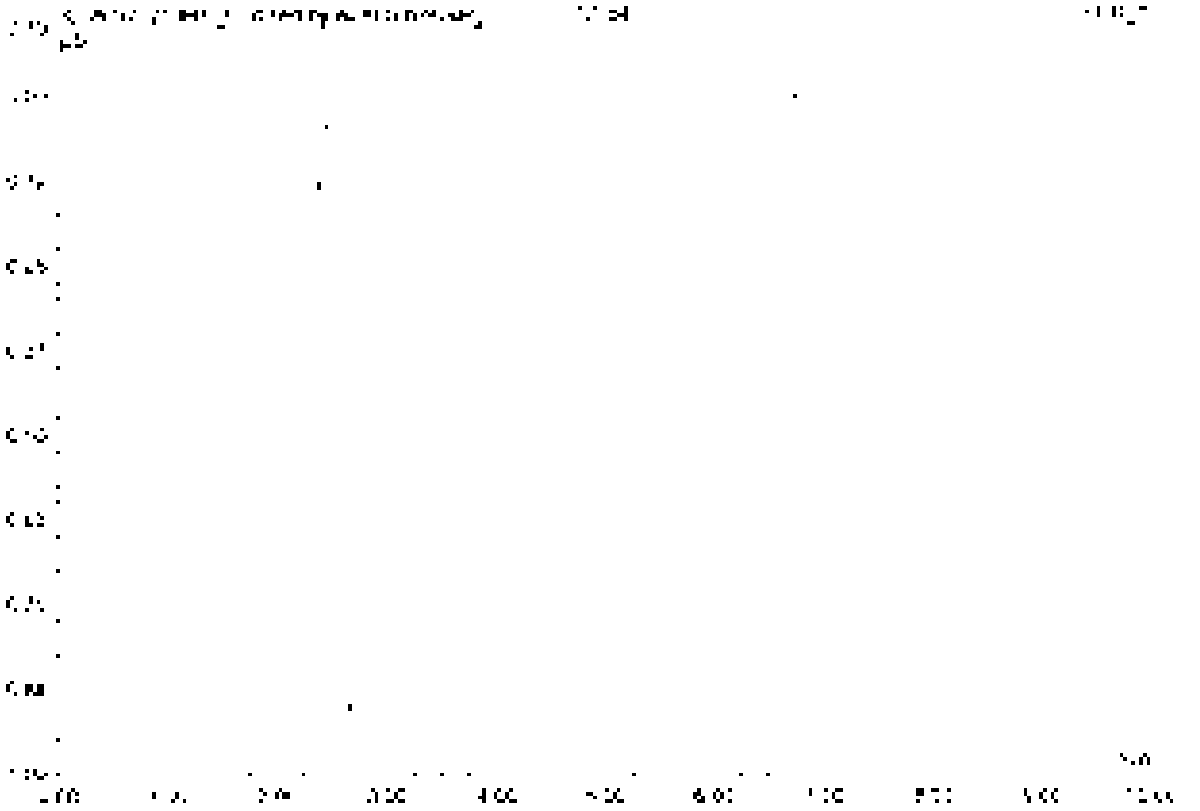
Before

SEP 2[illegible]

46 CCB4

--NR CL--

Sample Name	CCB4	Injection Volume	10.0
Run Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Quant Method	apa300	Dilution Factor	1.0000
Recording Time	9/20/2021 20:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

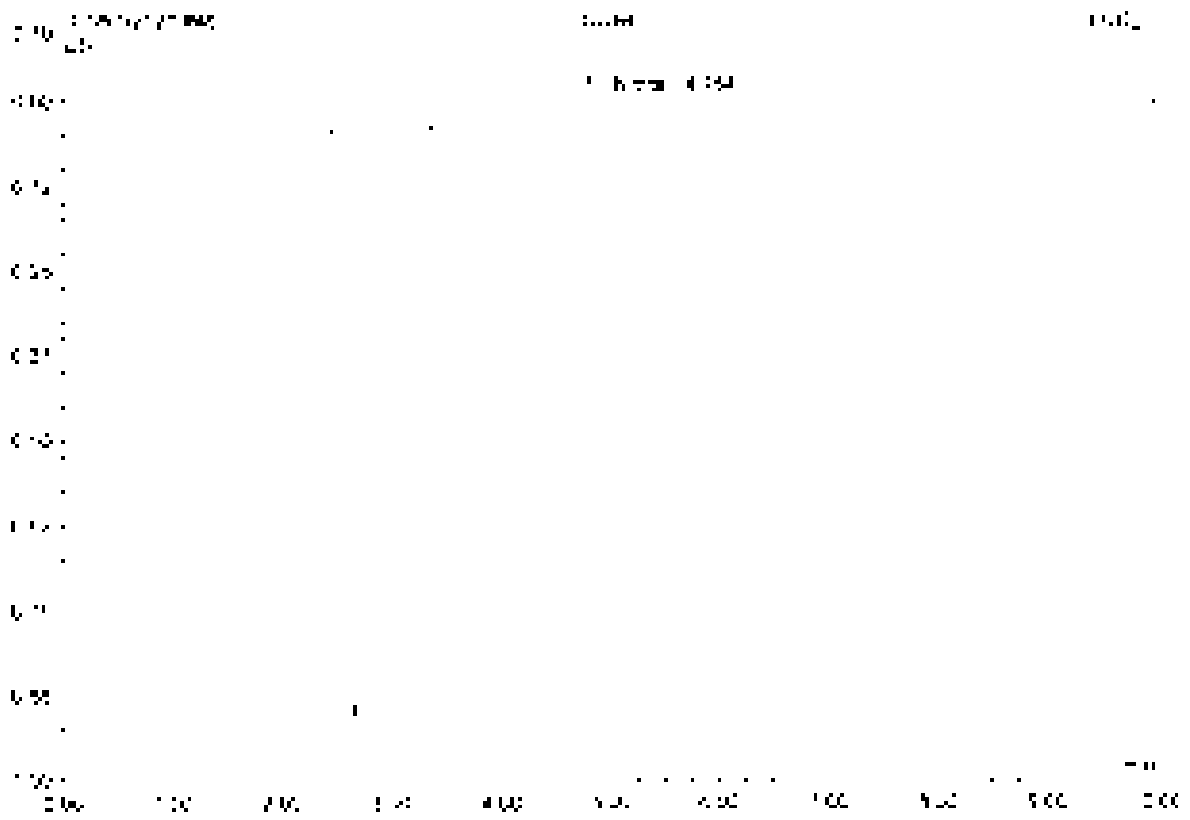


No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total			0.000	0.000	0.00	0.000	

46 CCB4

--MR CL--

Sample Name	CCB4	Injection Volume	3.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	8/20/2021 20:32	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



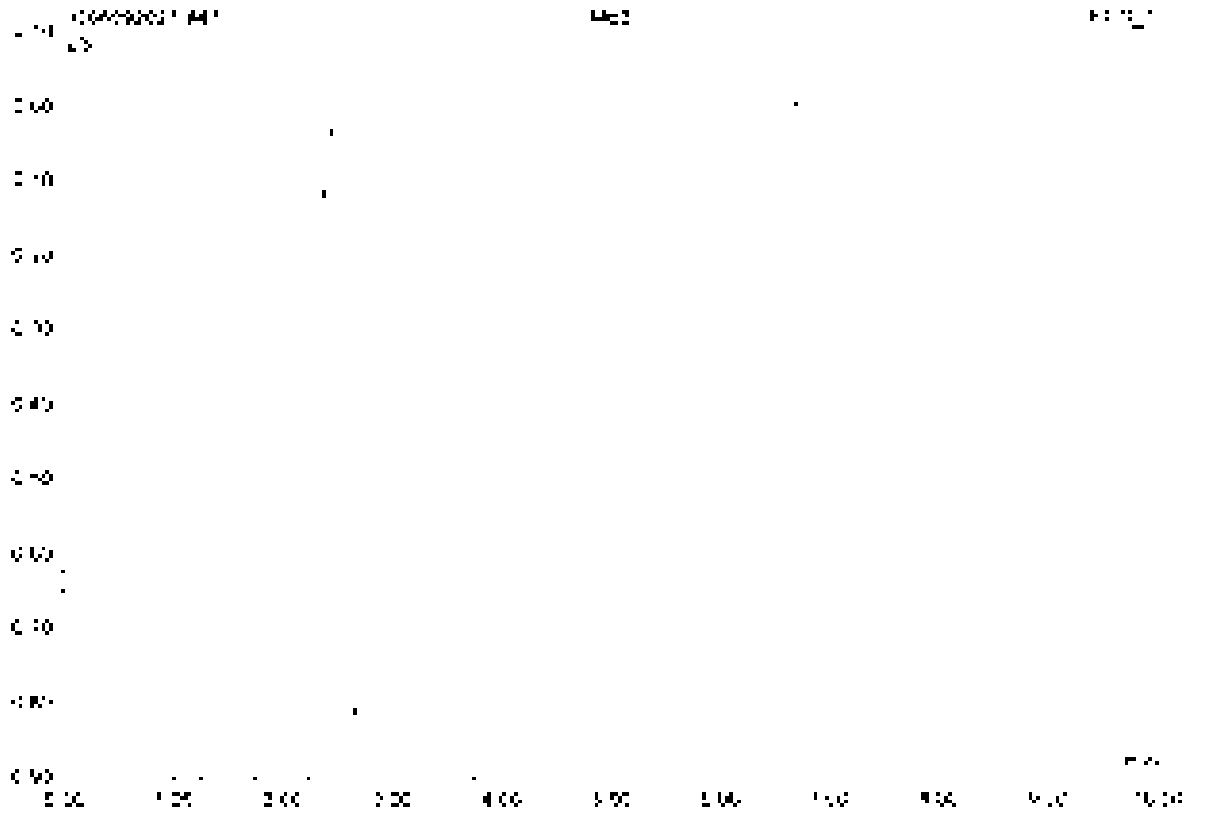
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.75	Mirex	0.655	3.122	100.00	8.754	HWB
Total:			0.655	3.122	100.00	8.754	

Reviewed

SEP [illegible]

47 MB2

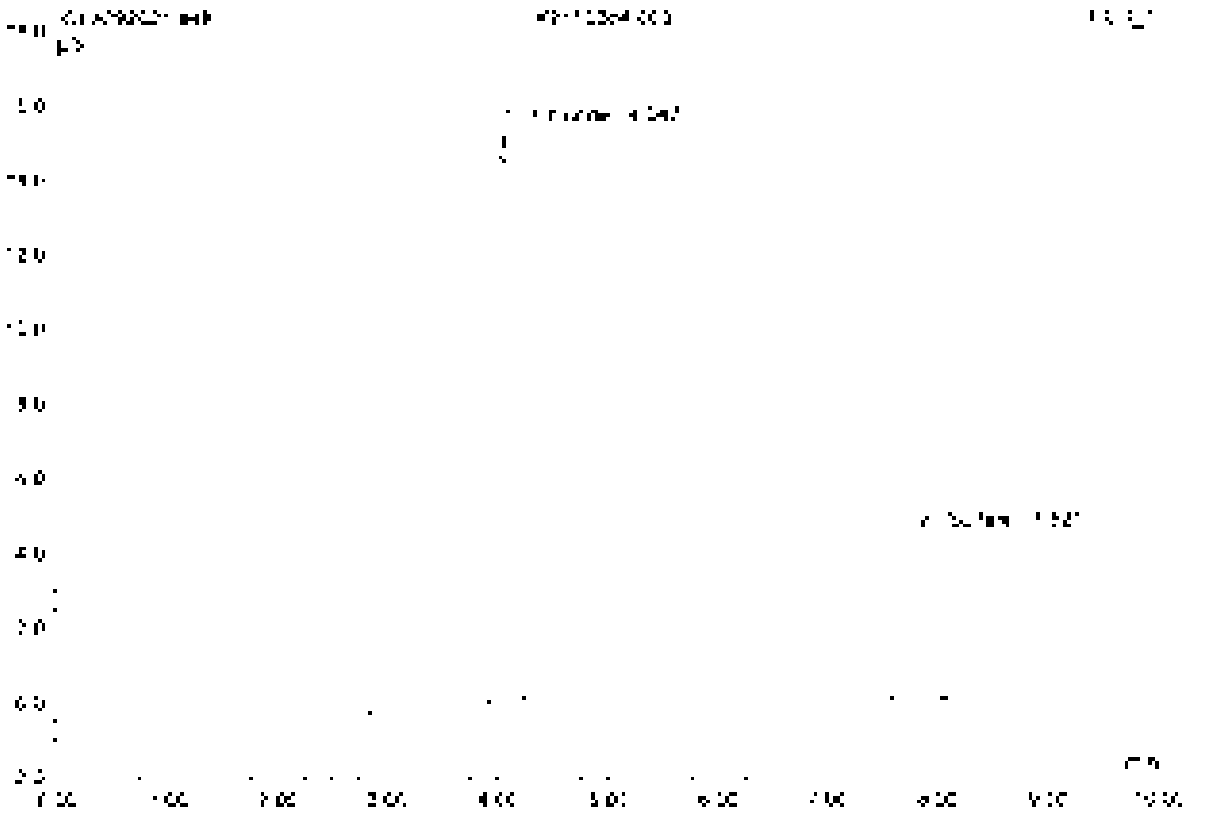
Sample Name	MB7	Injection Volume	25.0
Vial Number	1	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Processing Time	9/20/2021 21:04	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

48 K2110384-003

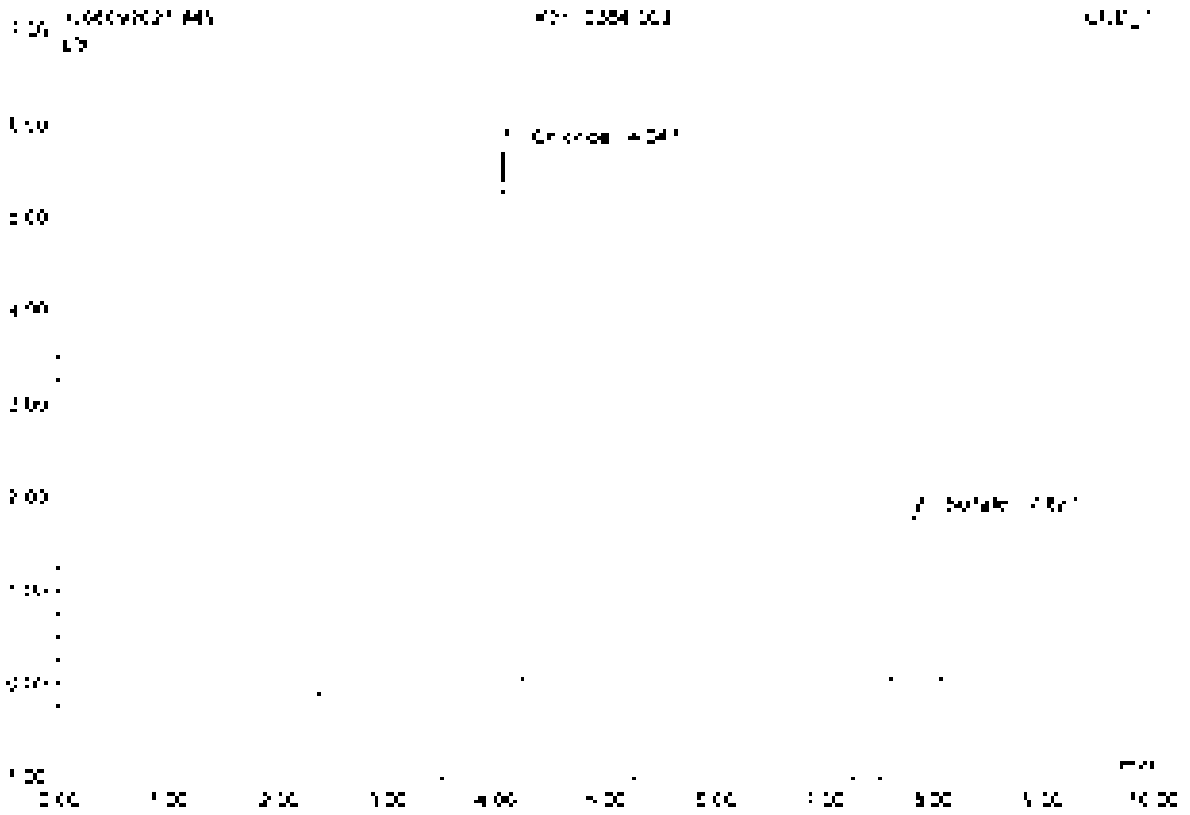
Sample Name	K2110384-003	Injection Volume	25.0
Vial Number	29	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quantit. Method	wpa300	Dilution Factor	40.0000
Processing Time	9/20/2021 21:16	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Rel Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.05	Chloride	15.378	1.370	51.57	302.020	BMB
2	7.52	Sulfate	4.147	0.946	35.60	263.437	BMB
Total			19.525	2.925	100.00	565.458	

49 K2110384-003

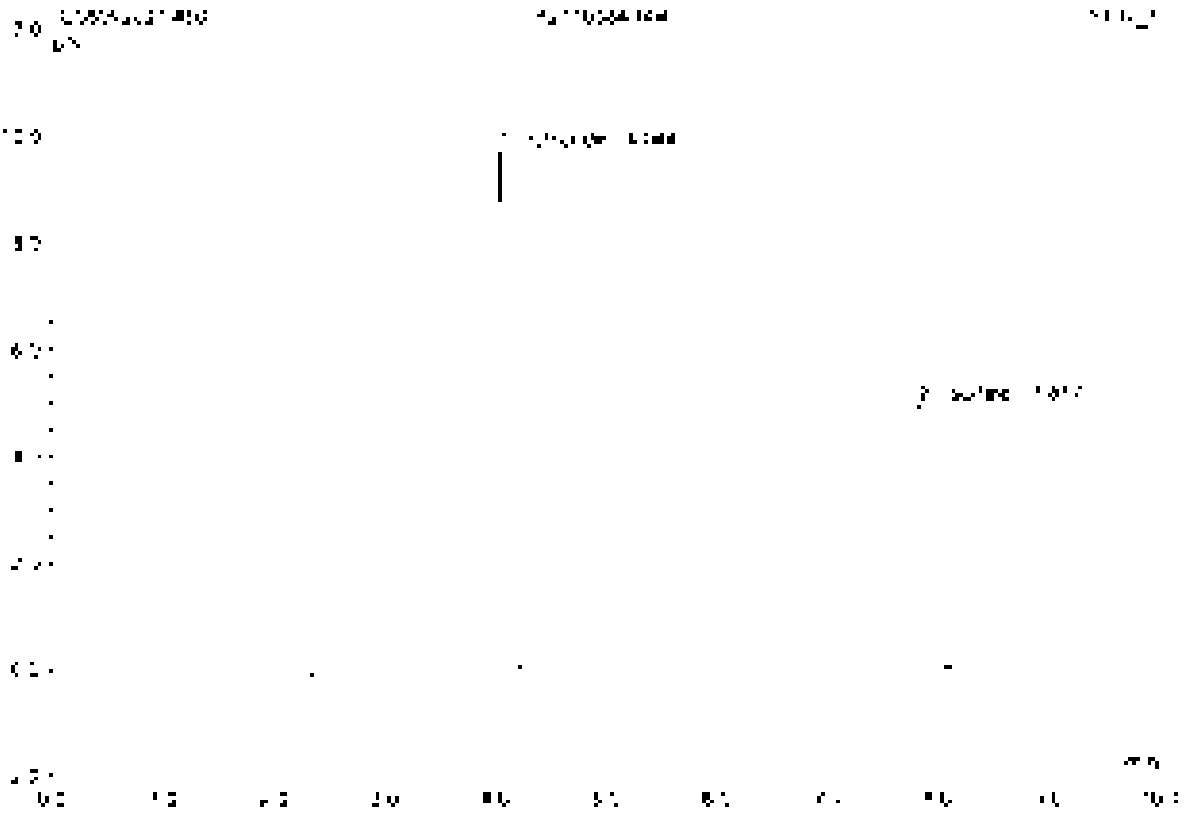
Sample Name	K2110384-001	Injection Volume	33.0
Vial Number	39	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	100.0000
Recording Time	5/20/2021 21:28	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	5.737	0.436	60.87	288.352	BMB
2	7.82	Sulfate	1.791	0.238	39.13	263.407	BMB
Total:			7.528	0.675	100.00	551.758	

50 K2110384-004

Sample Name	K2110384-004	Injection Volume	25.0
Vial Number	31	Channel	EGD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	10.0000
Recording Time	9/20/2021 21:39	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



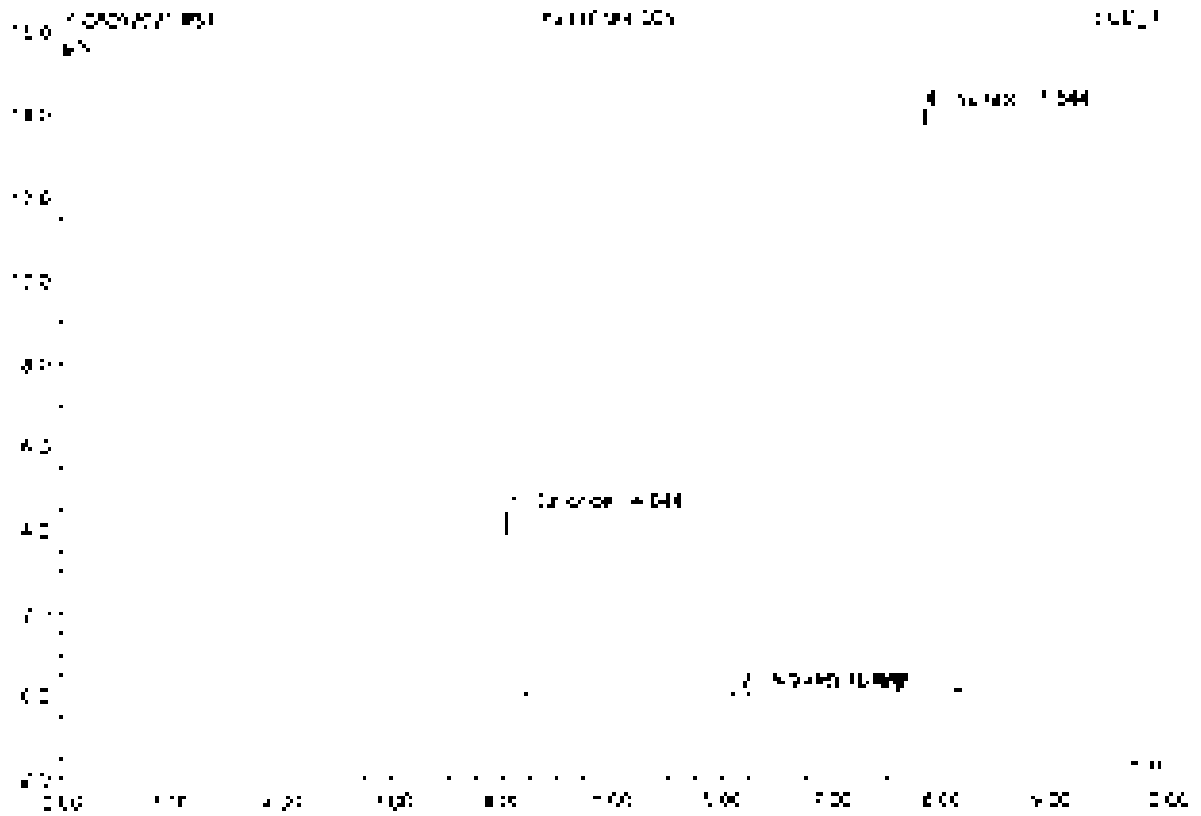
No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.04	Chloride	5.718	0.893	45.55	96.593	BV B
2	7.87	Sulfate	4.956	0.921	54.45	143.347	BV B
Total:			10.674	1.815	100.00	240.940	

Data: Integration

Chromeleon (c) Dionex 1996-2006
Version 6.80 SR11c Build 3302 (196279)

51 K2110384-005

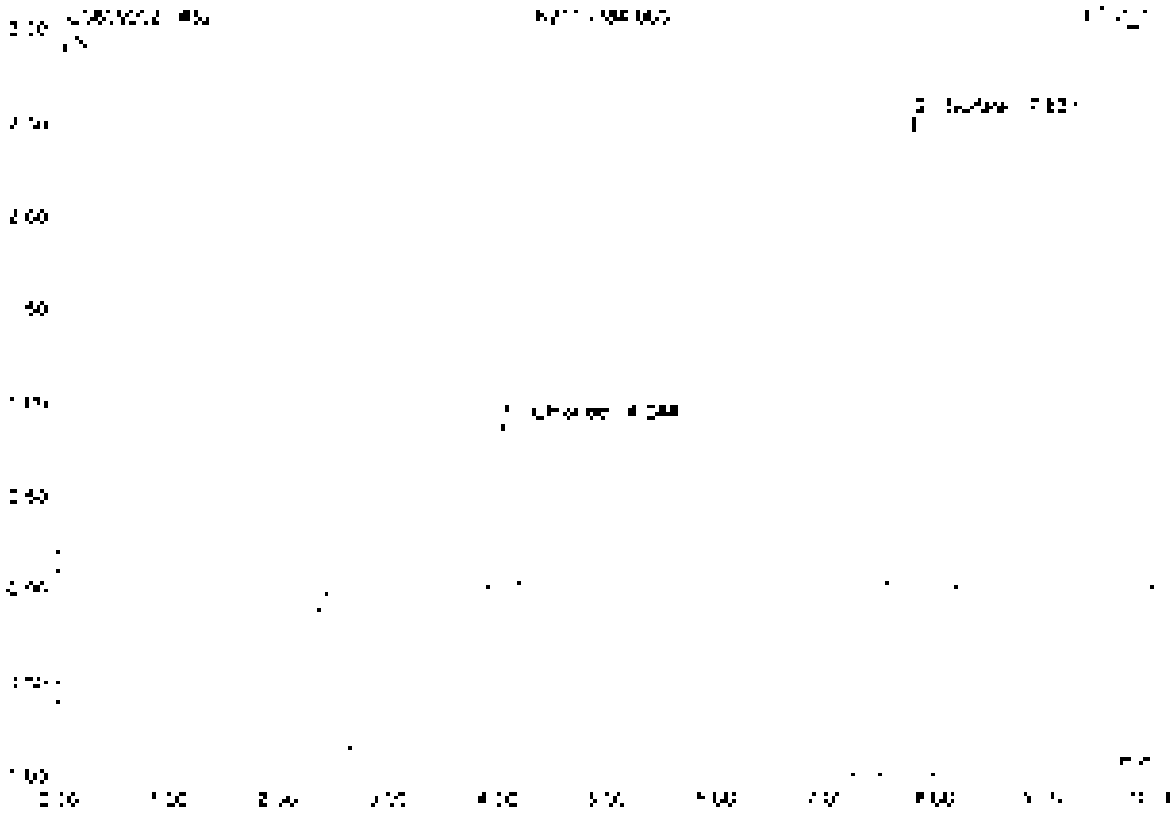
Sample Name	K2110384-005	Injection Volume	25.0
Inj Number	32	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Control Method	apa300	Dilution Factor	10.0000
Recording Time	8/20/2021 21:51	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BV B
2	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BV B
3	6.96	n.a.	[illegible]	[illegible]	[illegible]	n.a.	BV B
4	7.84	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BM B
Total:			[illegible]	[illegible]	100.00	[illegible]	

52 K2110384-005

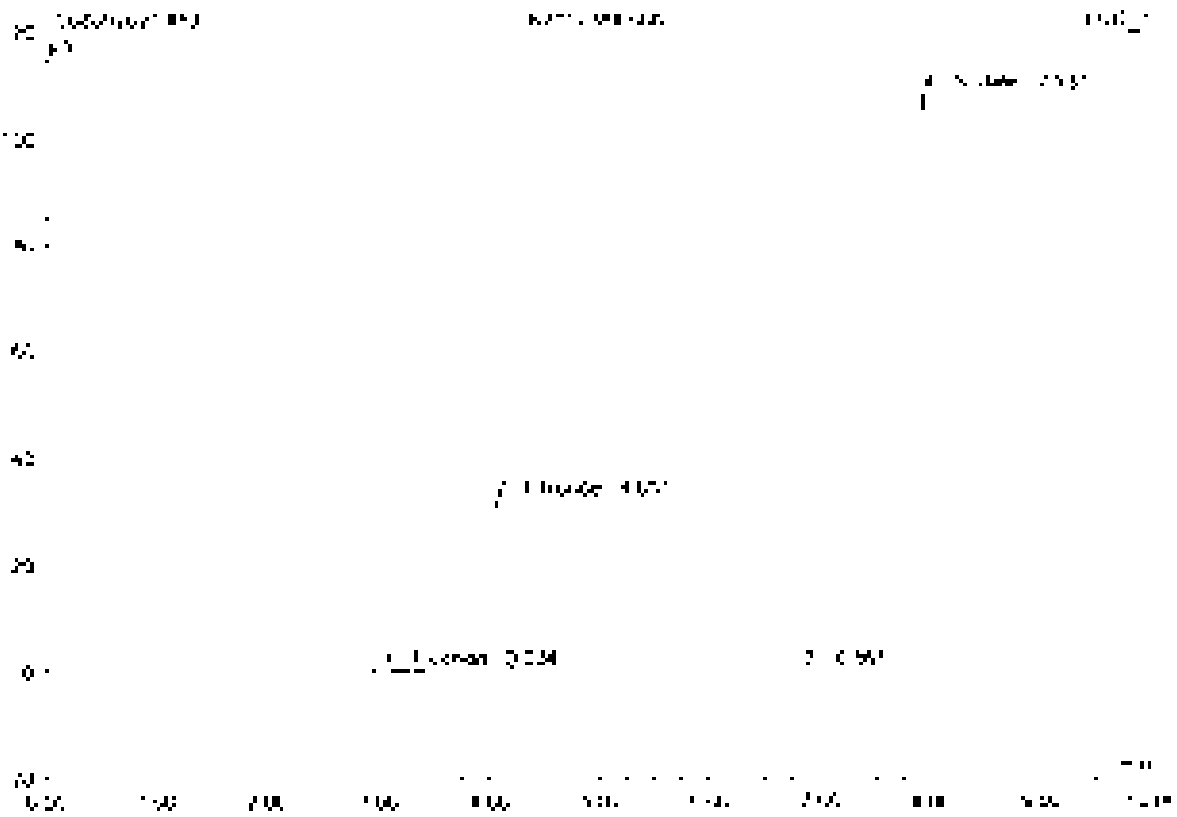
Sample Name	K2110384-005	Injection Volume	25.0
Vial Number	33	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	50.0000
Recording Time	9/20/2021 22:03	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	0.058	0.082	14.88	22.130	BMB
2	7.82	Sulfate	2.302	0.467	85.12	181.859	BMB
Total			2.371	0.548	100.00	203.945	

53 K2110384-006

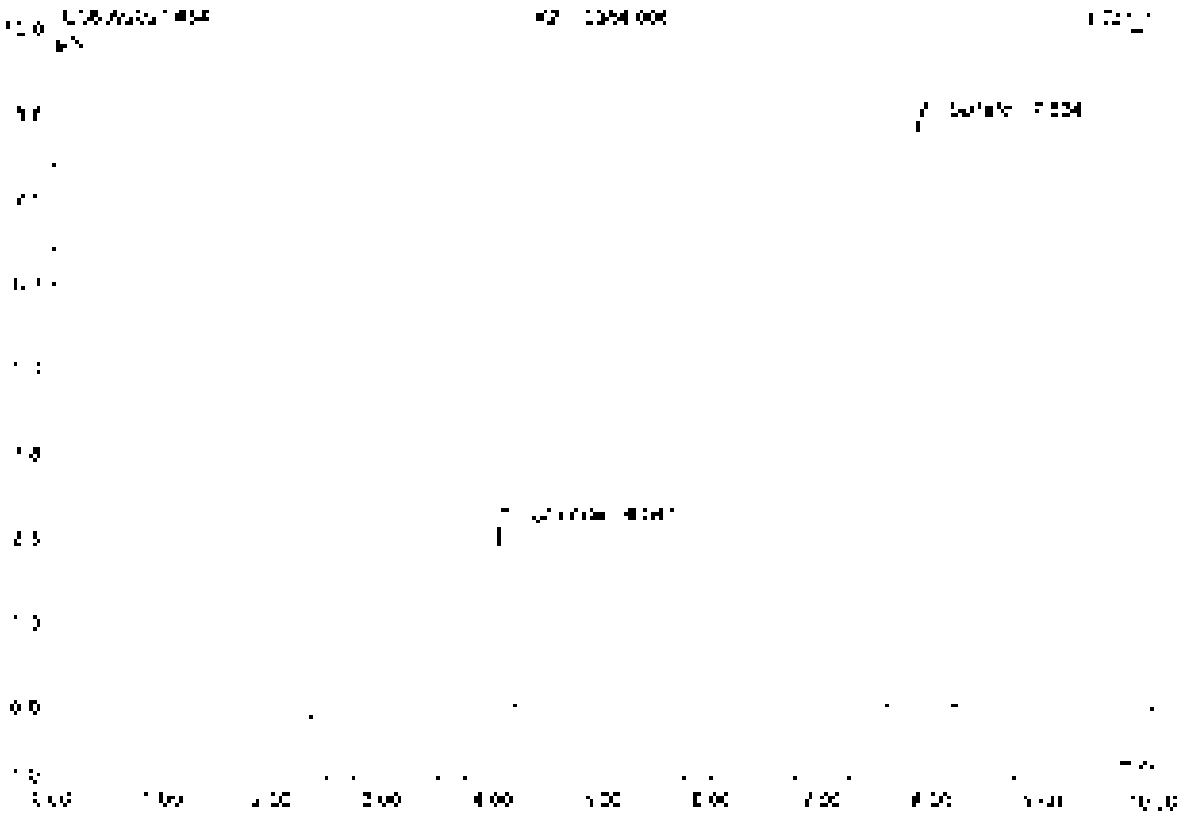
Sample Name	K2110384-006	Injection Volume	25.0
Vial Number	34	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	ipa300	Bandwidth	n.a.
Control Method	ipa300	Dilution Factor	2.0000
Recording Time	5/20/2021 22:14	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.03	Fluoride	5.708	0.307	1.03	2.151	BMB
2	4.05	Chloride	32.335	2.974	12.65	32.035	BME
3	6.86	n.a.	0.591	0.038	0.15	n.a.	BMB
4	7.93	Sulfate	108.365	19.556	85.06	309.147	BMB
Total:			147.499	23.125	100.00	343.912	

54 K2110384-006

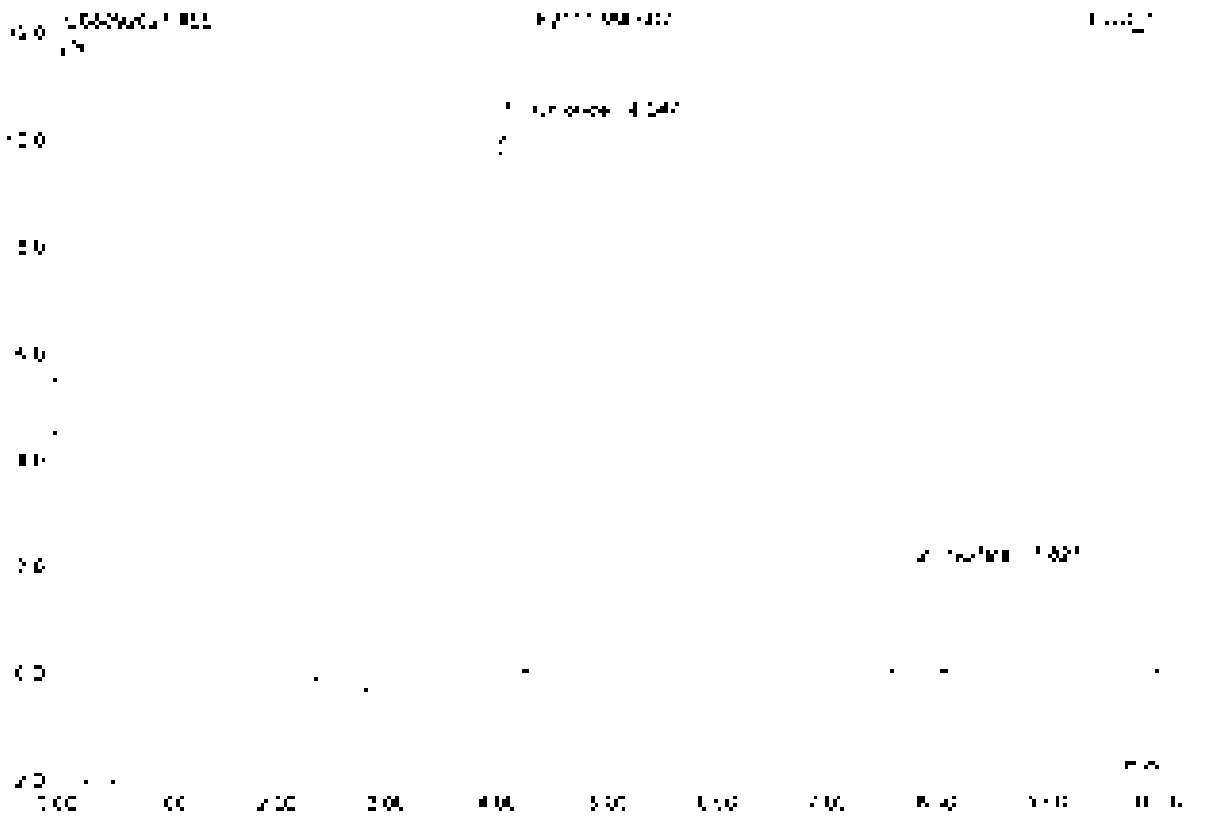
Sample Name	K2110384-006	Injection Volume	25.0
Vial Number	34	Channel	ECD 1
Sample Type	unknown	Analyte	n.a.
Control Program	epa300	Benchmark	n.a.
Quant Method	epa300	Dilution Factor	20.0000
Recording Time	9/2/2021 22:26	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.09	Chlorides	[illegible]	[illegible]	13.67	[illegible]	BMB
2	[illegible]	Sulfate	8.661	[illegible]	86.33	[illegible]	[illegible]
Total:			[illegible]	[illegible]	100.00	[illegible]	

55 K2110384-007

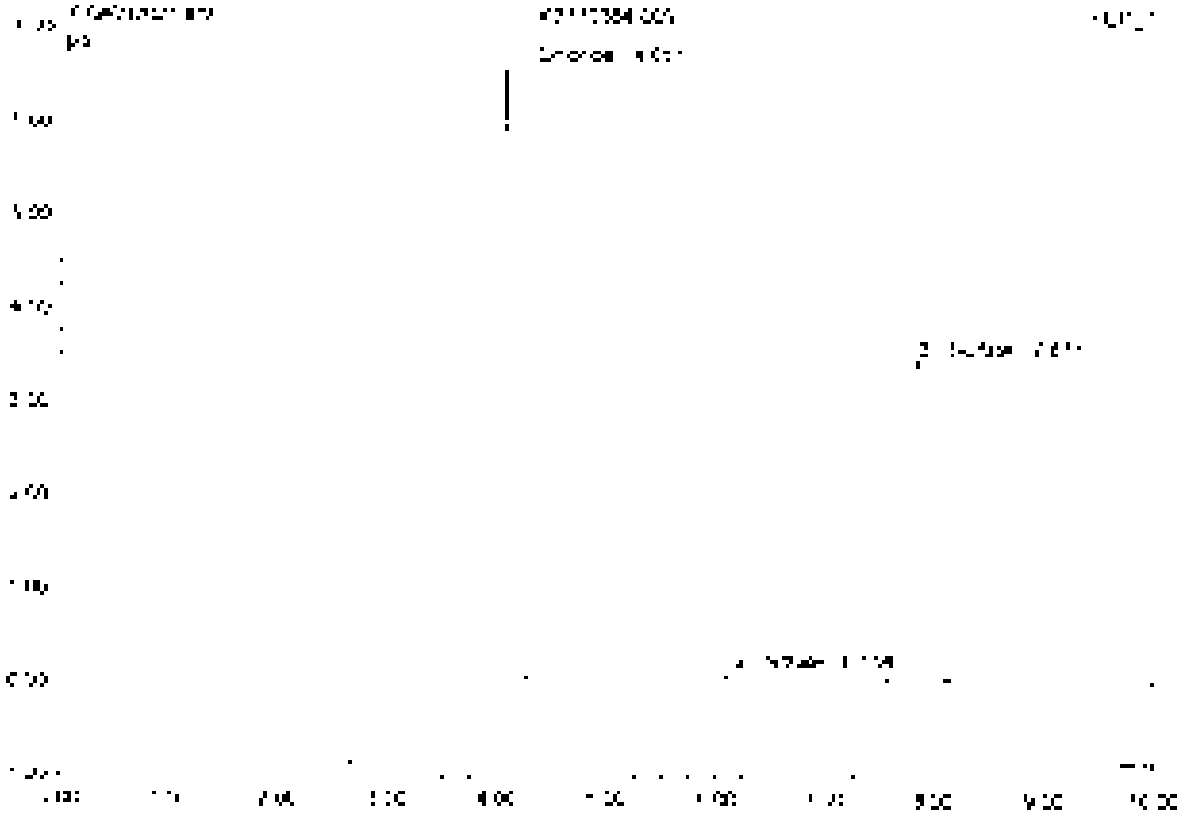
Sample Name	K2110384-007	Injection Volume	25.0
Vial Number	34	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Control Method	epa300	Dilution Factor	50.0000
Recording Time	3/20/2021 21:37	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Rel Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.05	Chloride	10.335	0.535	71.45	256.063	BV B
2	7.82	Sulfate	1.596	0.213	28.5[illegible]	145.141	BV B
Total			12.00[illegible]	1.308	100.00	401.204	

56 K2110384-009

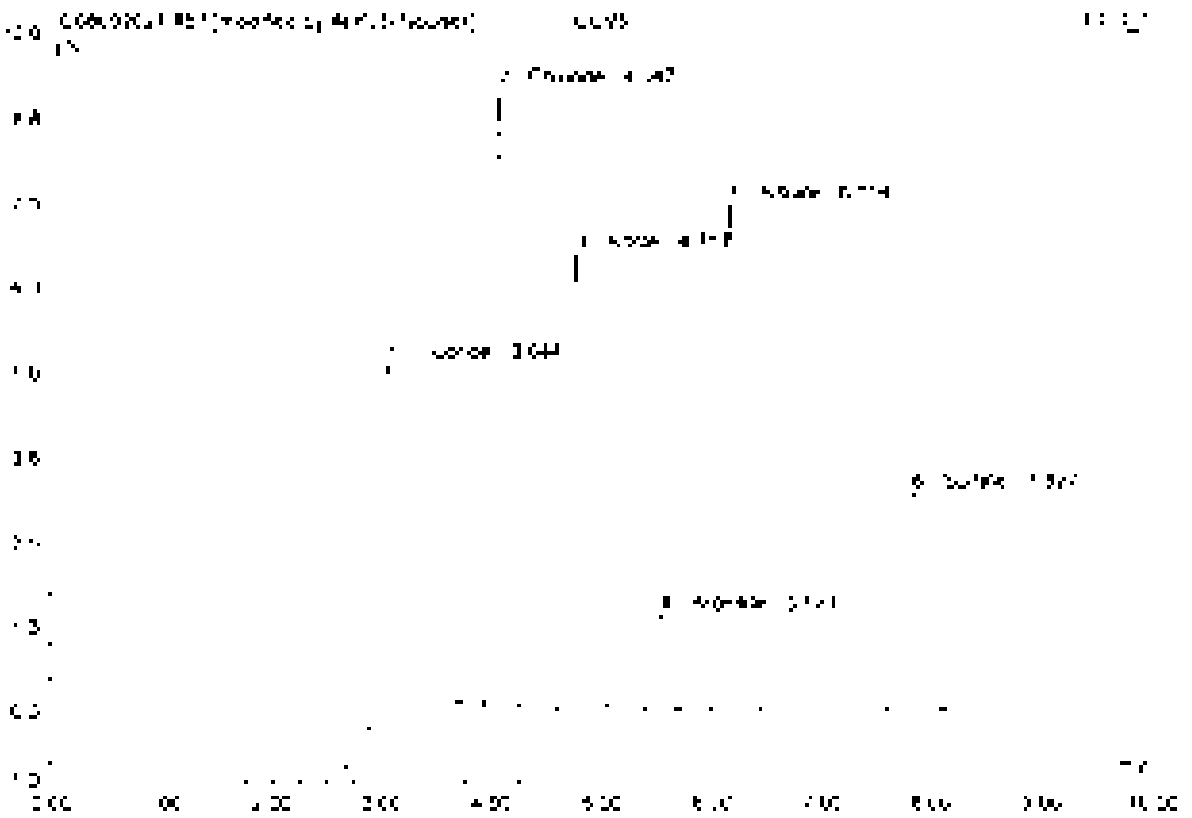
Sample Name	K2110384-009	Injection Volume	25.0
Vial Number	37	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	50.0000
Recording Time	9/20/2021 22:49	Sample Weight	1.0000
Ret. Time [min]	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.95	Chloride	6.967	0.600	47.89	164.433	BV3
2	6.76	Nitrite	5.358	0.317	0.97	1.377	BV3
3	7.83	Sulfate	3.446	0.541	51.14	249.607	BV3
Total:			15.067	1.254	100.00	415.417	

57 CCV5

Sample Name	CCV5	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantif. Method	epa300	Dilution Factor	1.0000
Recording Time	9/20/2021 23:01	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000

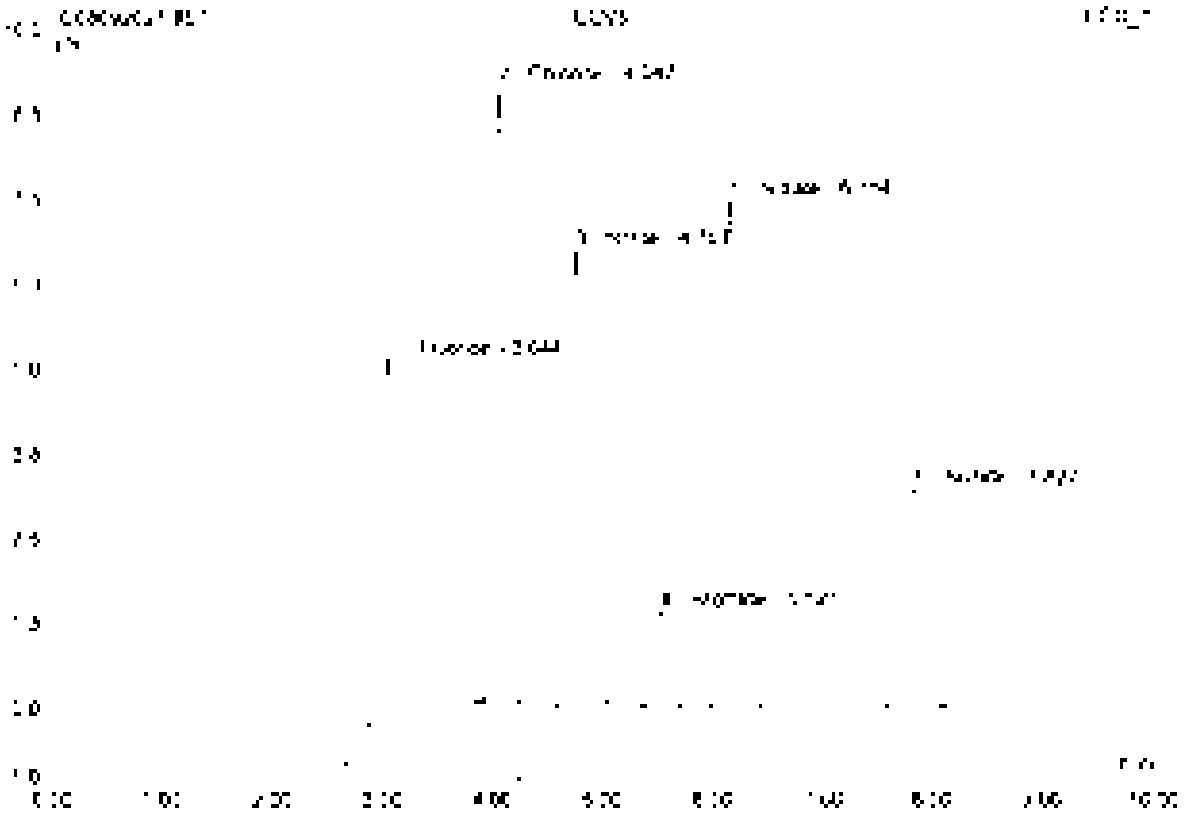


No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	5.321	1.134	24.53	5.046	BV B*
2	4.05	Chloride	5.130	0.829	17.94	4.542	BV B*
3	4.76	Nitrite	6.035	0.862	18.65	2.412	BV B
4	5.52	Bromide	1.424	0.173	3.74	0.340	BV B
5	6.15	Nitrate	7.467	1.021	22.09	2.310	BV B
6	7.83	Sulfate	3.226	0.602	13.03	4.659	BV B
Total:			30.244	4.621	100.00	21.340	

Chromeleon (c) Dionex 1996-2000
Version 6.80 SR1 (Build 3400) (1962/9)

57 CCV5

Sample Name	CCV5	Injection Volume	25.0
Vial Number	46	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	5/20/2021 23:01	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



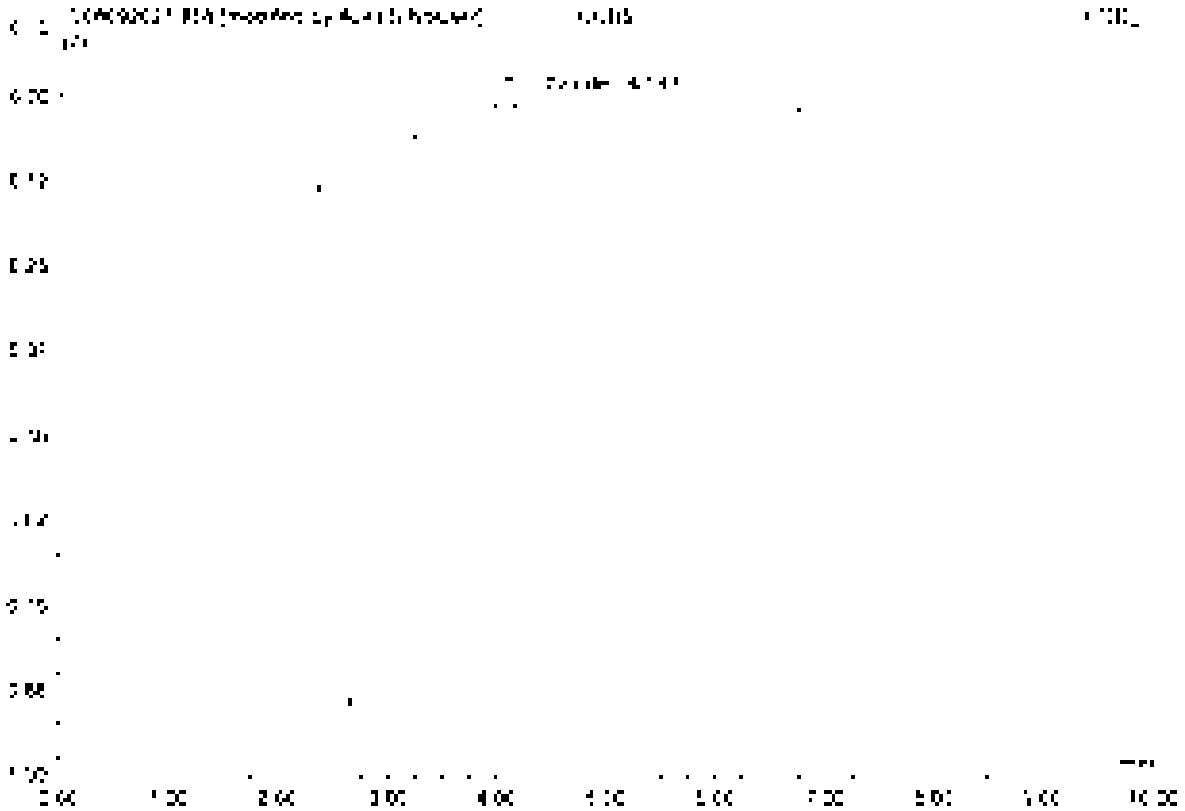
No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Fluoride	2.353	1.208	25.73	2.372	BMB
2	4.05	Chloride	5.120	0.829	[illegible]	4.542	BMB
3	4.75	Nitrite	6.108	0.862	18.36	2.412	BMB
4	5.67	Bromide	[illegible].424	0.173	3.68	2.340	BMB
5	6.15	Nitrate	7.467	1.021	21.75	2.310	BMB
6	7.83	Sulfate	3.226	0.602	12.83	4.559	BMB
Total:			30.275	4.695	100.00	21.566	

Before

SEP 2

58 CCB5

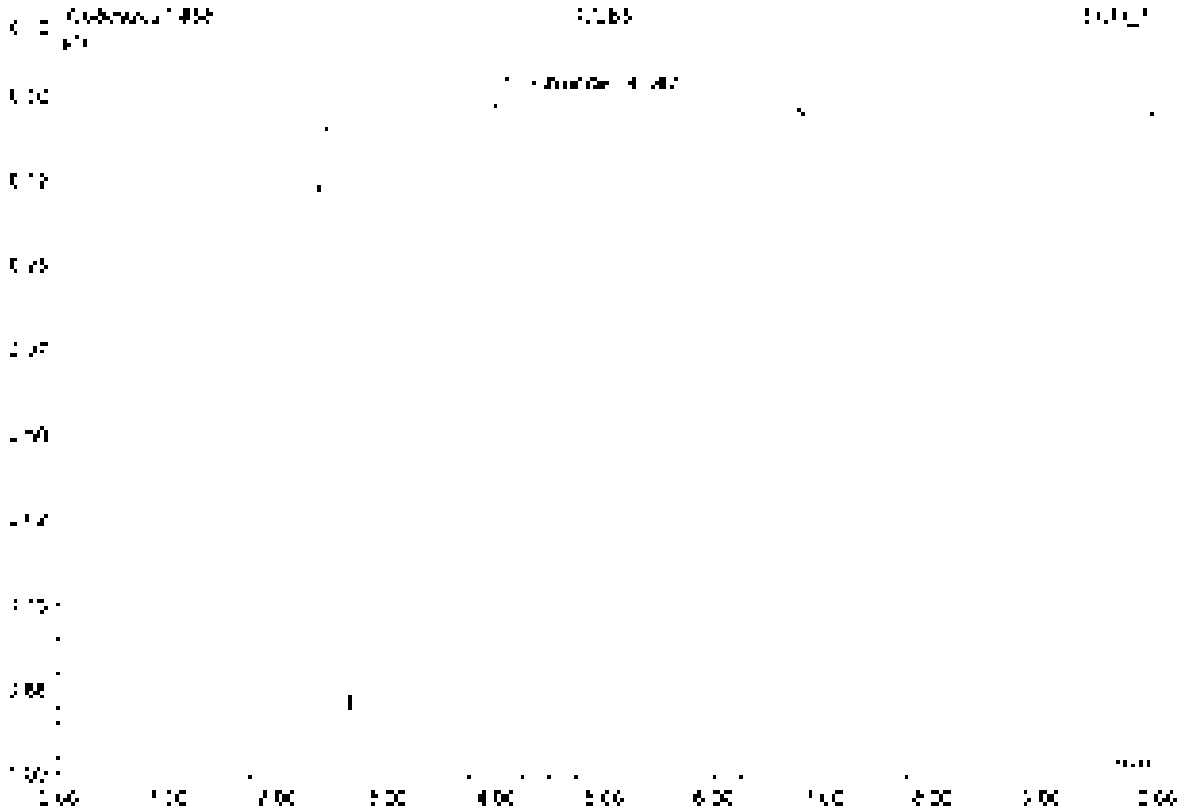
Sample Name	CCB5	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Dilution Factor	1.0000
Acquisition Time	9/20/2021 21:13	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Gamma	0.019	0.002	100.00	0.010	BV8*
Total:			0.019	0.002	100.00	0.010	

58 CCB5

Sample Name	CCB5	Injection Volume	25.0
Vial Number	47	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	1.0000
Recording Time	9/20/2021 23:13	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



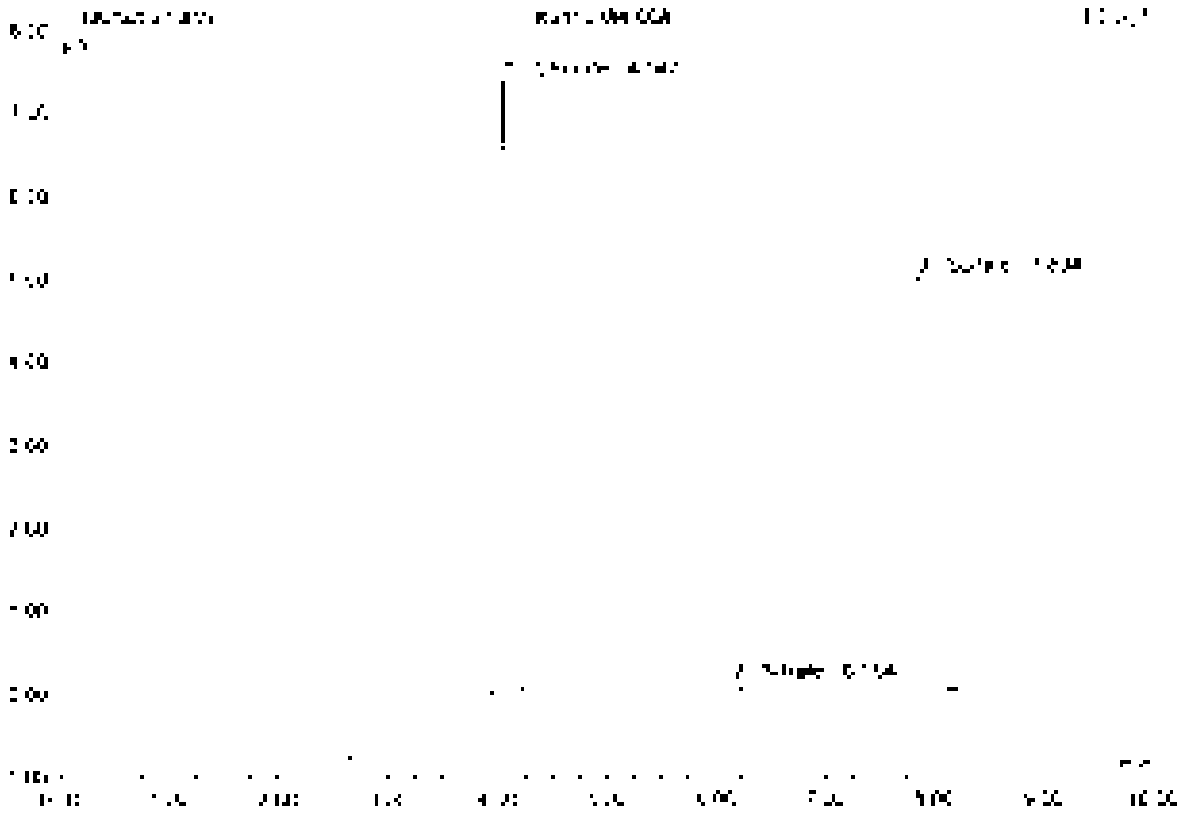
No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.05	Chlorate	0.738	3.387	100.00	16.909	BVB
Total:			0.738	3.387	100.00	16.909	

Reviewed

SEP 2

59 K2110384-008

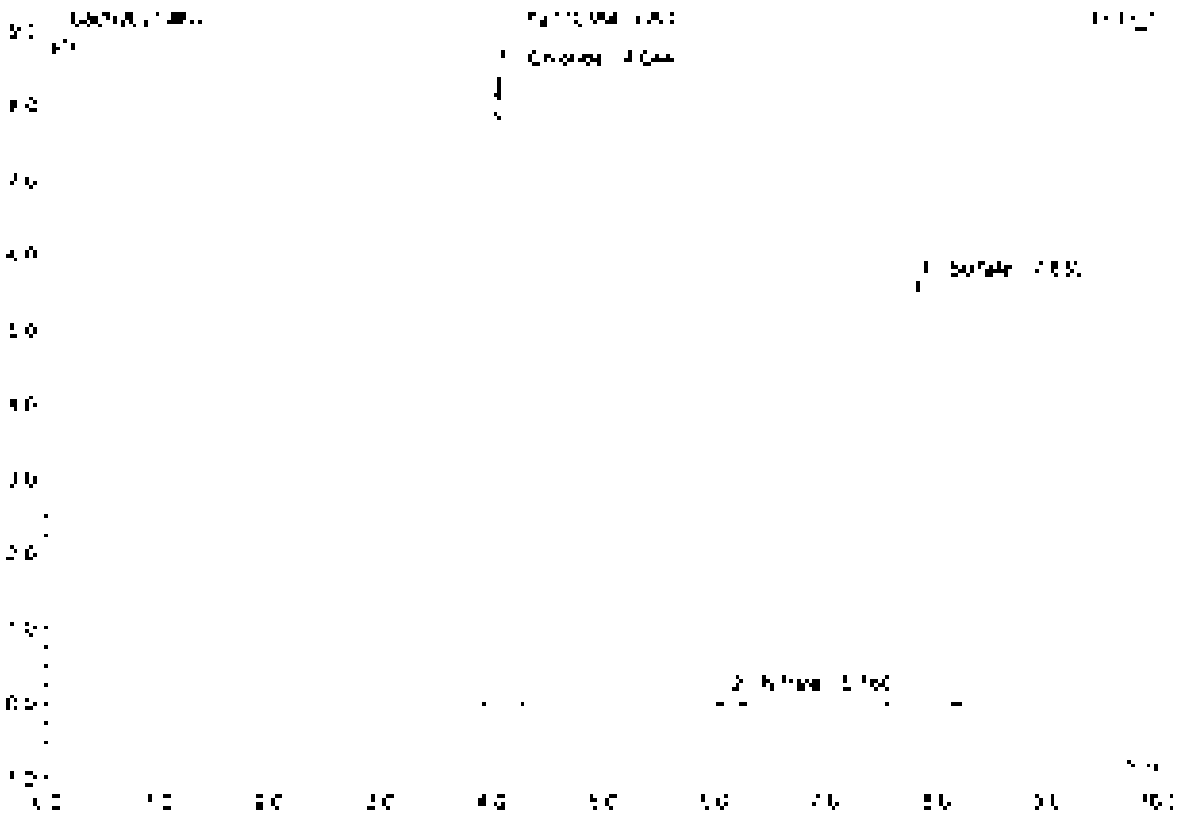
Sample Name	K2110384-008	Injection Volume	25.0
Vial Number	38	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Comm. Program	epa300	Bandwidth	n.a.
Quant. Method	epa300	Column Temp.	20.0000
Recording Time	9/20/2021 23:25	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	7.382	0.875	42.95	73.582	BMB
2	5.15	Nitrate	3.115	0.015	0.98	0.712	BMB
3	7.83	Sulfate	4.989	0.915	56.07	142.480	BMB
Total:			12.486	1.805	100.00	217.174	

60 K2110384-008D

Sample Name	K2110384-008D	Injection Volume	25.0
Vial Number	39	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Sonication	n.a.
Control Method	epa300	Dilution Factor	20.0000
Recording Time	9/20/2021 23:35	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



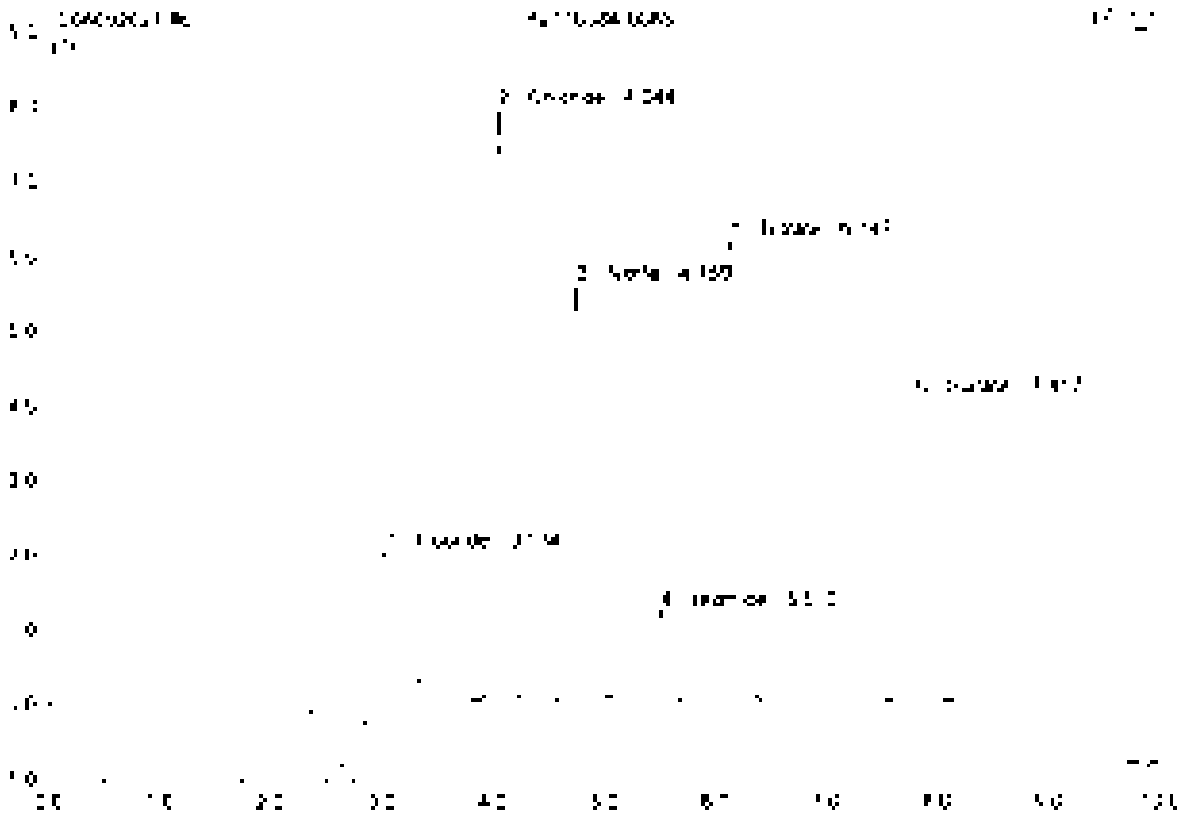
No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	2.451	0.774	47.17	34.770	BMB
2	6.15	Nitrate	0.133	0.019	1.00	0.857	BMB
3	7.83	Sulfate	5.888	1.047	51.80	192.253	BMB
Total:			14.317	1.835	100.00	247.880	

Default Integration

Chromeleon 6: Build 1 Sep 2006
Version 6.50 SR11c Build 2307 (1242179)

61 K2110384-008$

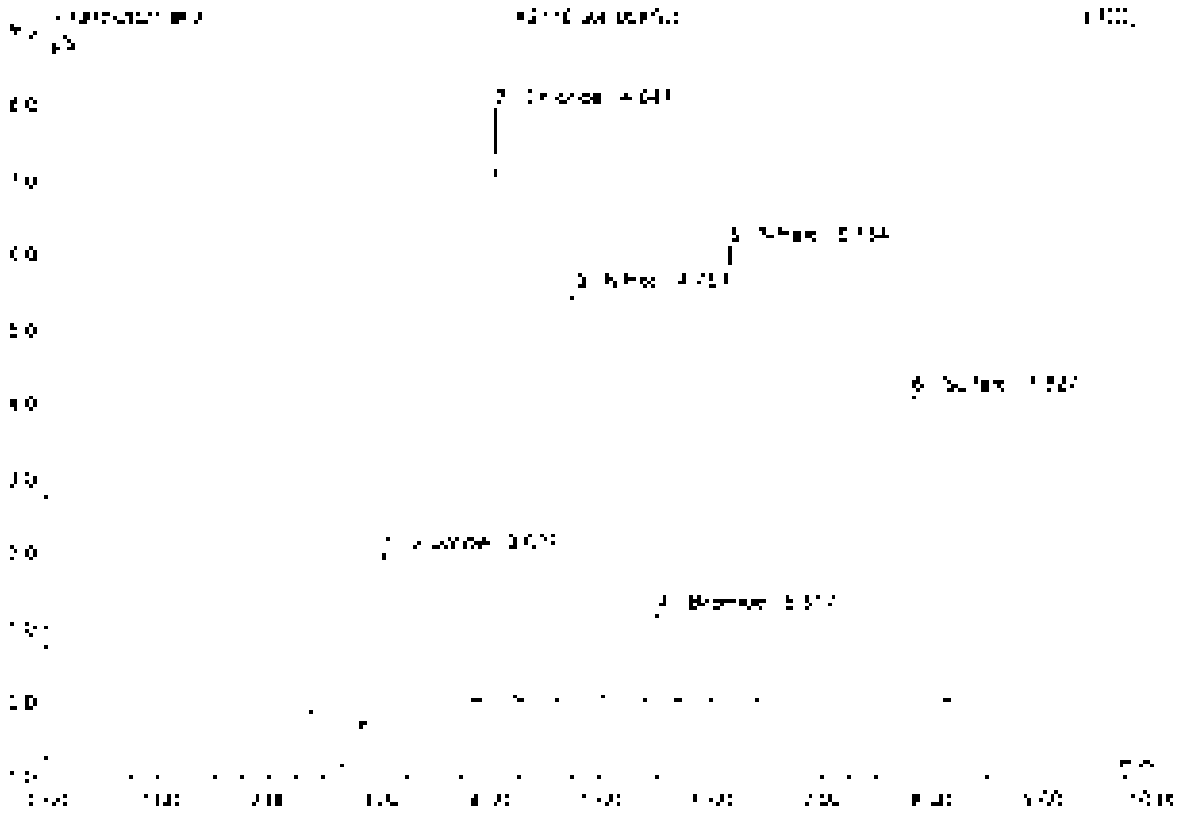
Sample Name	K2110384-008$	Injection Volume	25.0
Vial Number	40	Channel	ECD 1
Sample Type	unknown	Wavelength	n/a
Control Program	epa300	Bandwidth	n/a
Quantif. Method	epa300	Dilution Factor	40.0000
Recording Time	9/20/2021 23:48	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.02	Fluoride	2.279	0.567	15.14	100.854	BMB
2	4.04	Chloride	7.858	0.722	19.29	158.290	BMB
3	4.76	Nitrite	5.560	0.707	18.88	154.212	BMB
4	5.51	Bromide	1.792	0.146	3.88	31.881	BMB
5	5.95	Nitrate	6.169	0.848	22.64	185.755	BMB
6	7.22	Sulfate	4.080	0.756	20.17	235.233	BMB
Total:			27.764	3.745	100.00	1129.375	

62 K2110384-008SD

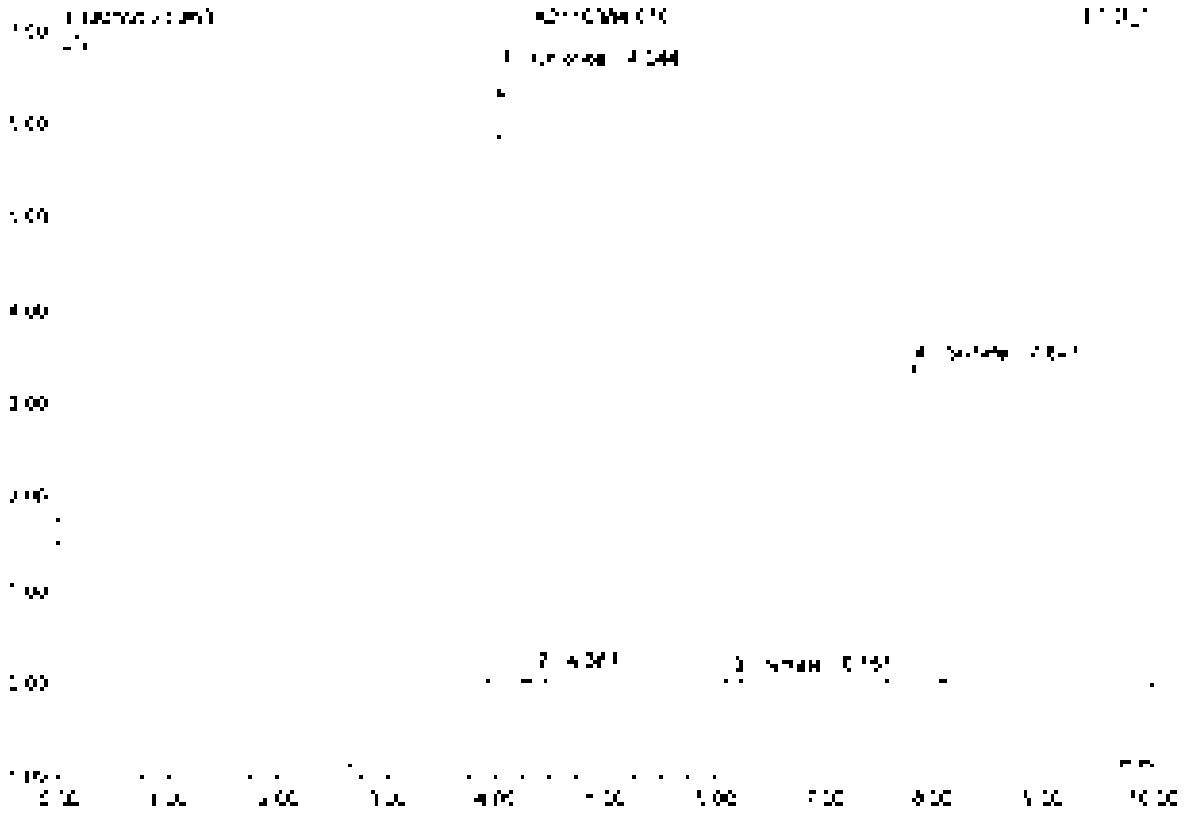
Sample Name	K2110384-008SD	Injection Volume	25.0
Vial Number	41	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	40.0000
Recording Time	5/21/2021 0:00	Sample Weight	1.0000
Run Time (min)	19.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	3.04	Acetate	2.251	0.302	15.08	100.182	BMB
2	4.05	Chloride	7.514	0.324	18.47	152.671	bV B
3	4.76	Nitrite	5.474	0.200	9.78	82.377	BMB
4	5.52	Bromide	1.178	0.144	3.85	37.875	BMB
5	6.75	Nitrate	6.161	0.840	22.51	76.624	BMB
6	7.80	Sulfate	4.109	0.761	20.40	237.004	BMB
Total			27.027	3.732	100.00	928.093	

63 K2110384-010

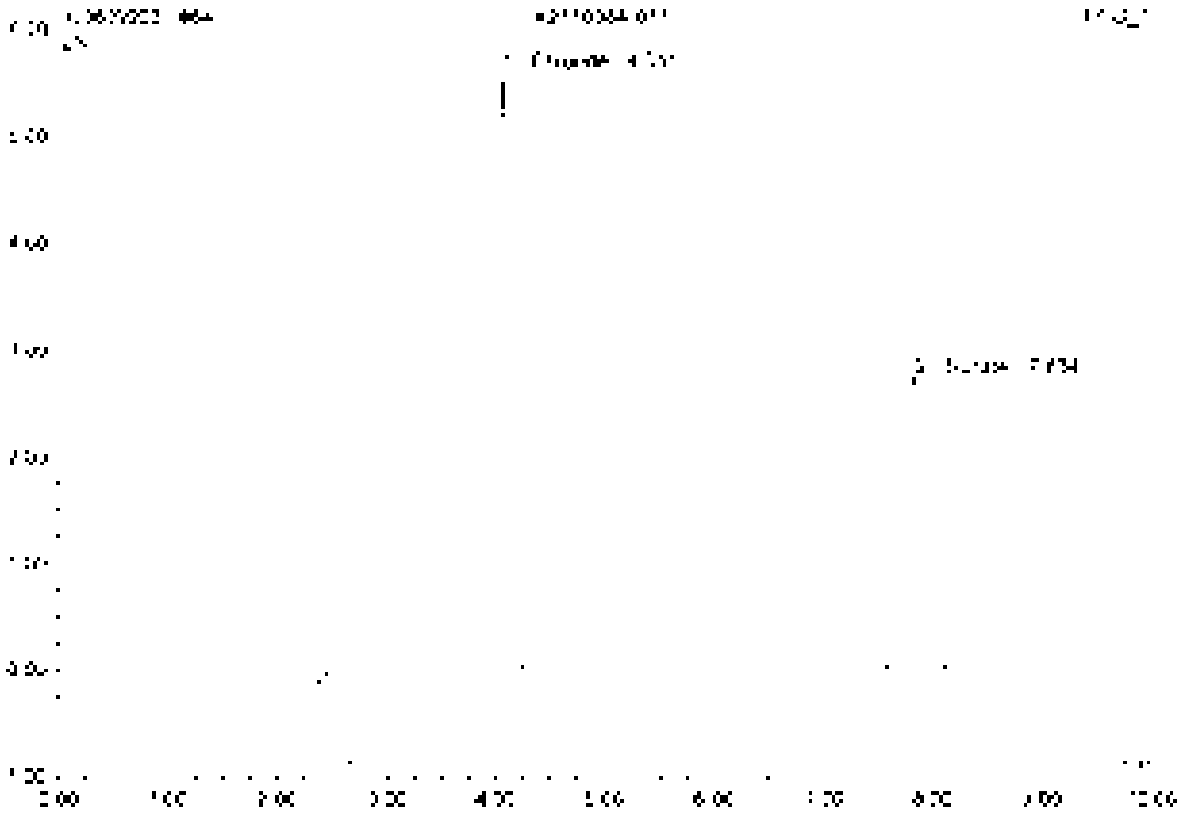
Sample Name	K2110384-010	Injection Volume	25.0
Vial Number	42	Channel	ECD_1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quant Method	epa300	Dilution Factor	50.0000
Recording Time	8/21/2021 0:11	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.04	Chloride	6.561	0.802	47.81	164.762	BMB
2	4.38	n.a.	0.103	0.010	0.60	n.a.	BMB
3	6.15	Nitrate	0.356	0.012	0.69	1.414	BMB
4	7.00	Sulfate	3.429	0.840	50.10	240.922	BMB
Total			10.179	1.664	100.00	415.105	

64 K2110384-011

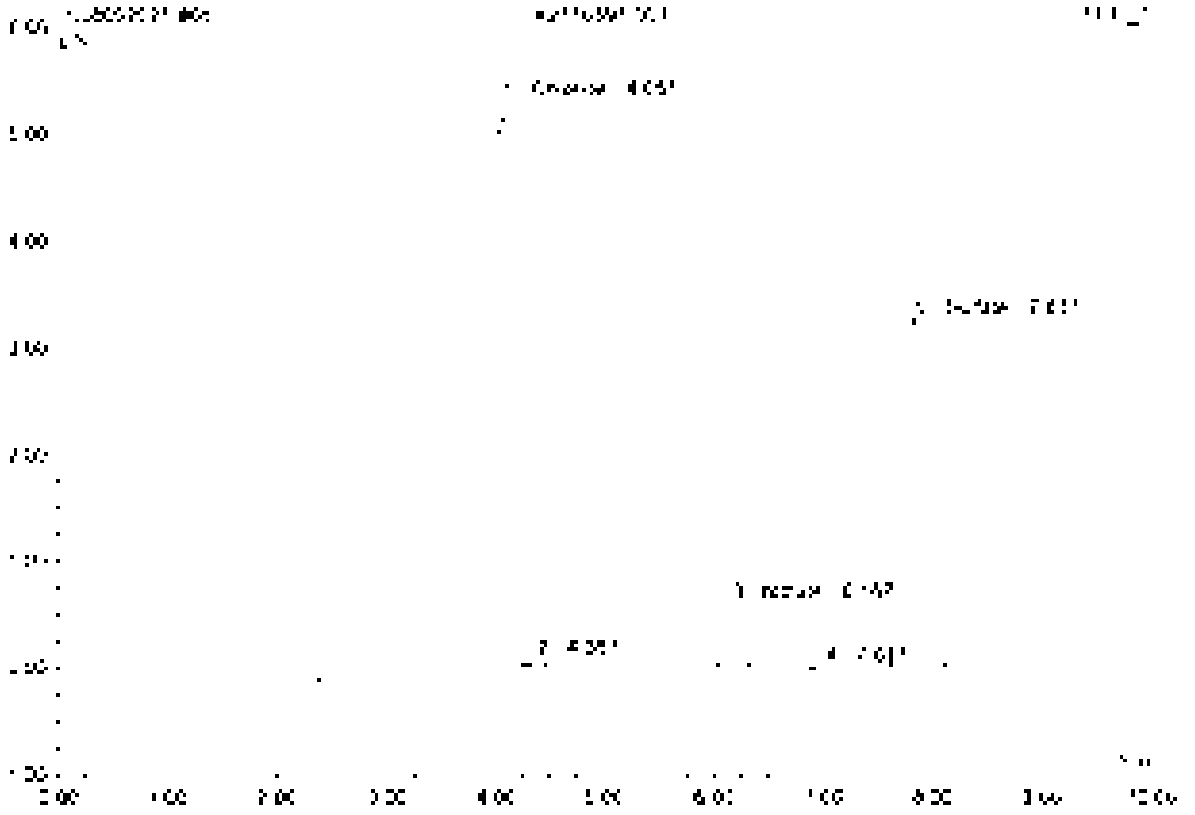
Sample Name	K2110384-011	Injection Volume	25.0
Vial Number	43	Channel	EC0 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Calcul. Method	epa300	Dilution Factor	40.0000
Processing Time	9/21/2021 8:23	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.55	Chloride	6.592	0.515	50.38	[illegible]	BV B
2	7.83	Sulfate	2.720	0.507	49.62	[illegible]	BV B
Total:			9.312	1.021	100.00	[illegible]	

65 K2110391-001

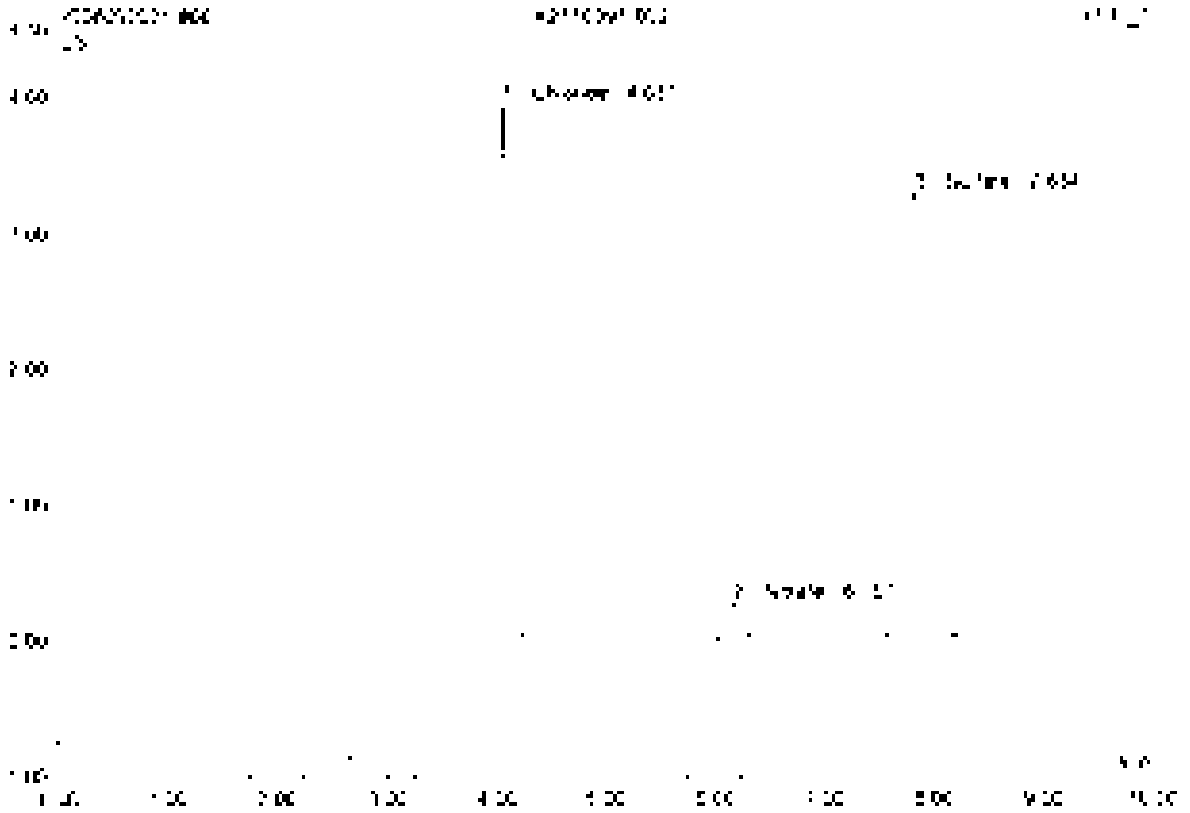
Sample Name	K2110391-001	Injection Volume	25.0
Vial Number	44	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	apa300	Bandwidth	n.a.
Control Method	apa300	Dilution Factor	1.0000
Recording Time	9/21/2021 0:34	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret Time min	Peak Name	Height µS	Area µS*min	Rel Area %	Amount	Type
1	4.35	Chloride	5.304	0.452	[illegible]	5.352	BV B
2	4.39	n.a.	0.064	0.006	[illegible]	n.a.	BV B
3	[illegible]	Nitrate	0.004	0.005	[illegible]	[illegible]	BM B
4	7.02	n.a.	0.016	0.005	[illegible]	n.a.	BV B
5	7.84	Sulfate	3.272	0.501	50.65	9.357	BMB
Total:			9.258	[illegible]	100.00	15.064	

66 K2110391-002

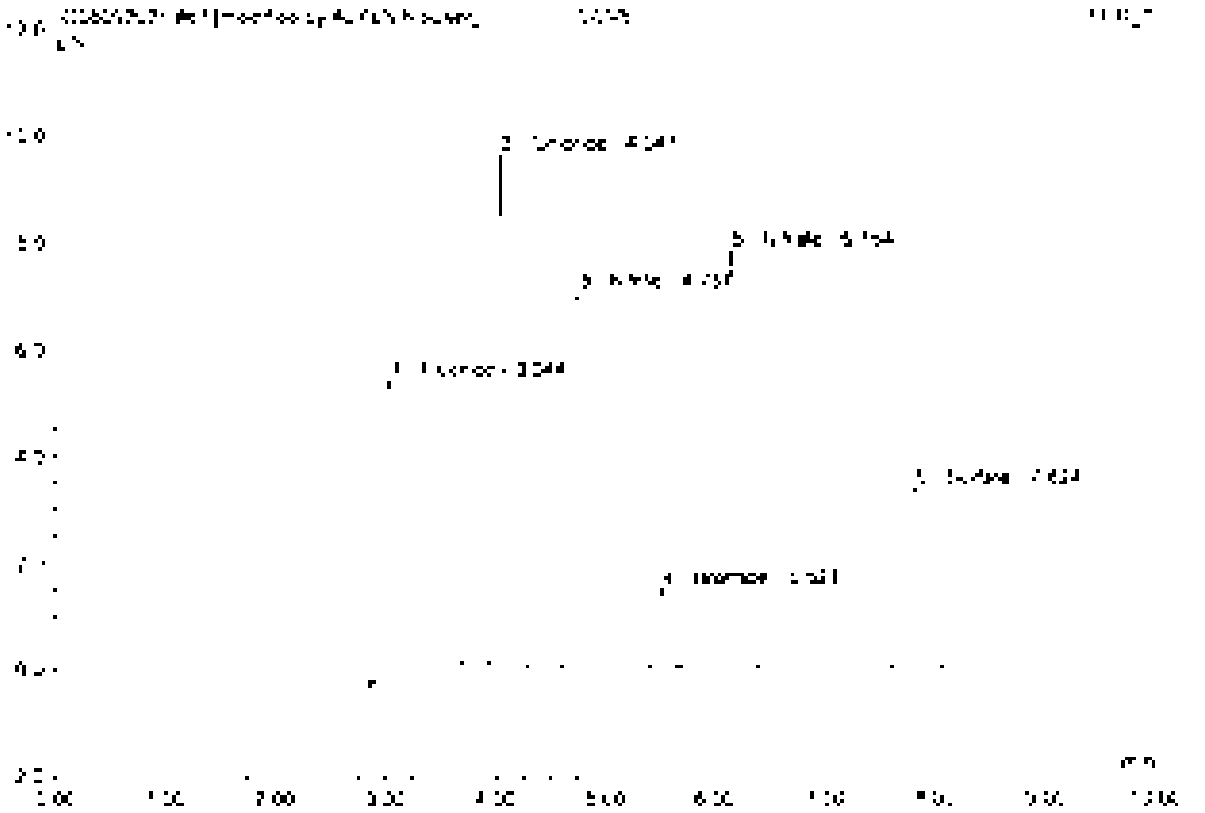
Sample Name	K2110391-002	Injection Volume	25.0
Vial Number	45	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	wpa300	Bandwidth	n.a.
Quant Method	wpa300	Dilution Factor	2.0000
Processing Time	9/21/2021 9:46	Sample Weight	1.0000
Run Temperature	10.00	Sample Amount	1.0000



No	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	4.05	Chloride	3.934	0.364	36.36	3.086	BMB
2	6.13	Nitrate	0.253	0.037	3.66	0.165	BMB
3	7.83	Sulfate	3.255	0.600	59.98	9.245	BMB
Total:			7.459	1.001	100.00	12.496	

57 CCV6

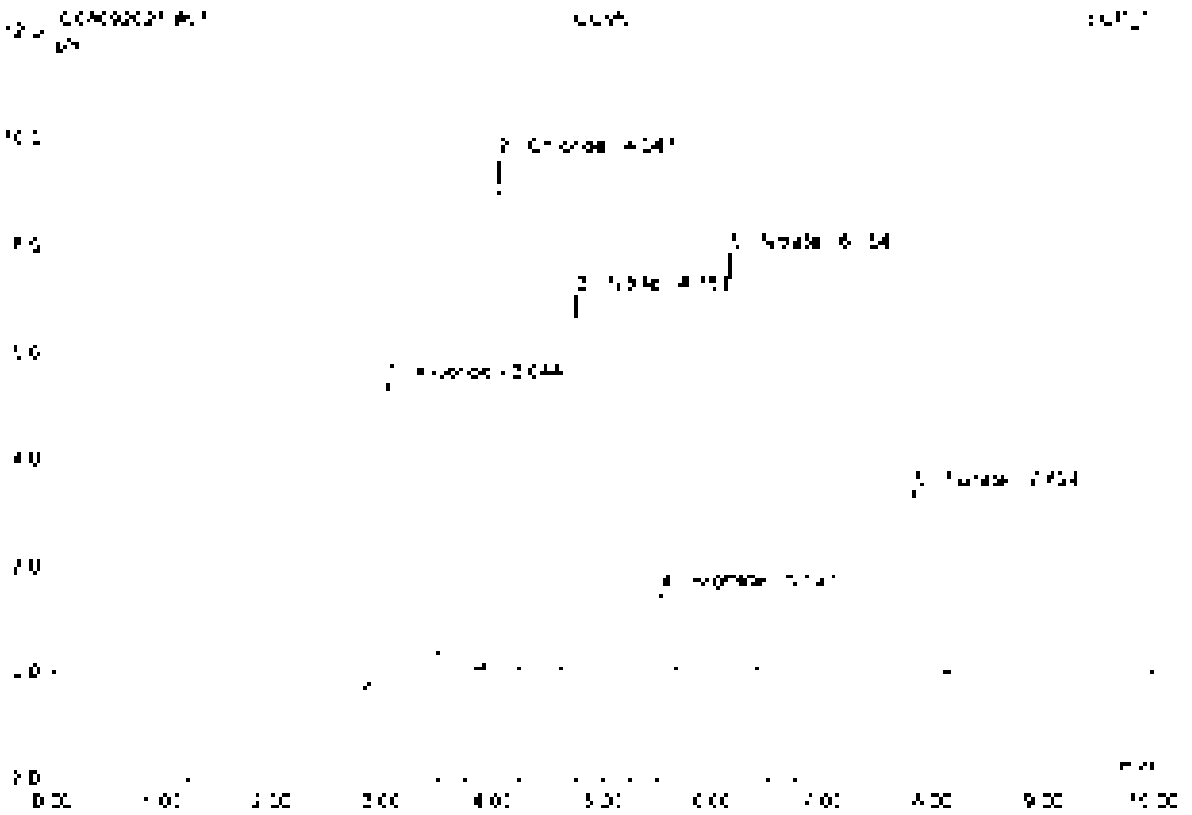
Sample Name	CCV6	Injection Volume	25.0
Vial Number	48	Channel	ECD 1
Sample Type	unknown	Wavelength	n.a.
Control Program	spa300	Bandwidth	n.a.
Quantit. Method	spa300	Dilution Factor	1.0000
Recording Time	5/21/2021 6:57	Sample Weight	1.0000
Run Time (min)	10.00	Sample Amount	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
1	[illegible]	Fluoride	[illegible]	[illegible]	[illegible]	[illegible]	BMB*
2	[illegible]	Chloride	[illegible]	[illegible]	[illegible]	[illegible]	BMB*
3	[illegible]	Nitrite	[illegible]	[illegible]	[illegible]	[illegible]	BMB
4	[illegible]	Bromide	[illegible]	[illegible]	[illegible]	[illegible]	BMB
5	[illegible]	Nitrate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
6	[illegible]	Sulfate	[illegible]	[illegible]	[illegible]	[illegible]	BMB
Total:			[illegible]	[illegible]	[illegible]	[illegible]	

67 CCV6

Sample Name	CCV6	Injection Volume	25.0
Vial Number	45	Channel	ECD: 1
Sample Type	unknown	Wavelength	n.a.
Control Program	epa300	Bandwidth	n.a.
Quantit. Method	epa300	Dilution Factor	1.0000
Recording Time	5/21/2021 0:57	Sample Weight	1.0000
Run Time (min)	16.00	Sample Amount	1.0000



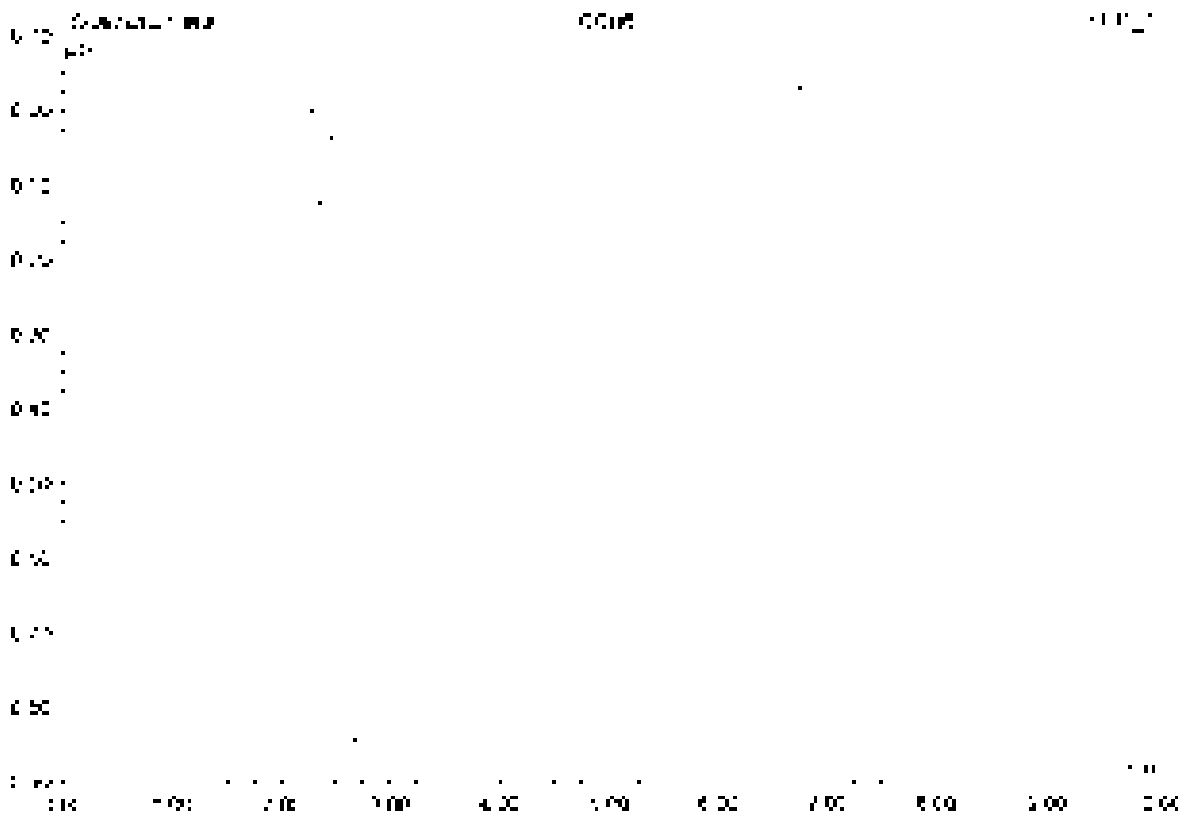
No.	Ret. Time min	Peak Name	Height µS	Area µS*min	Rel. Area %	Amount	Type
1	3.04	Fluoride	5.650	1.271	25.70	5.655	BVb
2	4.05	Chloride	9.570	0.872	17.68	4.777	bVB
3	4.75	Nitrite	7.041	0.901	18.27	2.523	BMB
4	5.52	Bromide	1.493	0.181	3.68	2.459	BMB
5	6.15	Nitrate	7.837	1.075	21.69	2.472	BMB
6	7.82	Sulfate	2.207	0.638	12.93	4.965	BMb
Total			34.589	4.934	100.00	22.801	

Before

SHP 2.1

68 CC86

Sample Name:	CC86	Injection Volume:	25.0
Vial Number:	49	Channel:	ECD 1
Sample Type:	unknown	Wavelength:	n.a.
Control Program:	apa300	Bandwidth:	n.a.
Quantif. Method:	apa300	Dilution Factor:	1.0000
Recording Time:	5/21/2021 6:09	Sample Weight:	1.0000
Run Time (min):	10.00	Sample Amount:	1.0000



No.	Ret.Time min	Peak Name	Height µS	Area µS*min	Rel.Area %	Amount	Type
Total:			0.000	0.000	0.00	0.000	

Metals

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

Preparation Information Benchsheet

Prep Run: 187077		**Prep Workflow:** MetSig4qMS		**Status:**	Proposed	**Prep Date:**	09/13/2021 09:34
Team	Metals	**Prep Method**	EPA CLP ILM04.0	**Current Step:**	Digestion	**Due Date:**	09/27/2021
Analyst	Anna Boyer	**Rush/NPDES**	N/A			**Hold Date**	03/02/2022

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

22 Total Samples consisting of 18 Client Samples, 2 Client QC Samples, 2 Batch QC Samples associated with the current Prep Run

Spiking Solutions

Name	Type	ID	Expires	Name	Type	ID	Expires
[illegible]	Spike	[illegible]	[illegible]	[illegible]	Spike	[illegible]	[illegible]
[illegible]	Spike	[illegible]	[illegible]	[illegible]	Spike	[illegible]	[illegible]

Preparation Materials

Step	Name	ID	Step	Name	ID
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			

Preparation Hardware / Equipment

Step	Name	Property	Value	Step	Name	Property	Value
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Steps

Step	Started	Finished	By	Assisted By	Duration	Comments
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Comments

[illegible]

Review

[illegible]

ICP-MS LCSW AND SPIKING SOLUTIONS

[illegible] 500mL to 500mL Dilution of Inorganic Ventures QCP-CICV-1
Label 1:100 QCP-CICV-1

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Al	50000	100
Ag	1250	12.5
Ba	5000	100
Be	250	2.5
Ca	25000	250
Co	2500	25
Cu	1250	12.5
Cr	1500	15
Fe	5000	50
K	25000	250
Mg	25000	250
Mn	2500	25
Na	25000	250
Ni	2500	25
V	2500	25
Zn	2500	25

[illegible] 1000ppm Sb
Label 1ug/mL Sb

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Sb	1000	10

[illegible] 500mL to 500mL Dilution of Inorganic Ventures QCP-CICV-3
Label 1:100 QCP-CICV-3

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
As	5000	50
Pb	5000	50
Se	5000	50
Tl	5000	50
Cd	2500	25

[illegible] 1000 ppm Mo and [illegible] 500 ppm U
Label MoU 5ppm

Analyte	Concentration in solution (ppb)	Concentration in digest (ppb)
Mo	5000	25
U	5000	25

Preparation Information Benchsheet

Prep Run	[illegible]	**Prep Workflow**	MetDigestMS	**Status:**	Draft	**Prep Date:**	[illegible]
Team	Metals	**Prep Method**	EPA CLP ILM04.0	**Current Step**	Digestion	**Due Date:**	[illegible]
Analyst	ABOYEK	**Rush/NPDES**	N/A			**Hold Date:**	01/02/2022

[illegible]

22 Total Samples consisting of 18 Client Samples, 2 Client QC Samples, 2 Batch QC Samples associated with the current Prep Run

Spiking Solutions

Name	Type	ID	Expires	Name	Type	ID	Expires
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Materials

Preparation Hardware / Equipment

Preparation Steps

Step	Start	Finish	By	Actual By	Start	Comments
[illegible]						

Comments

[illegible]

Review

[illegible]

Preparation Information Benchsheet

Prep Run	35109	**Prep Workflow**	MetD gdqMS	**Status**	Prepped	**Prep Date**	[illegible]
Team	Metals	**Prep Method**	EPA 6020 [illegible]	**Current Step:**	Digestion	**Due Date**	[illegible]
Analyst	Anna Boyer	**Rush/NPDES**	N/A			**Hold Date**	[illegible]

[illegible]

[illegible] Total Samples consisting of 13 Client Samples, 2 Client QC Samples, 2 Batch QC Samples associated with the current Prep Run

Spiking Solutions

Name	Type	ID	Expires	Name	Type	ID	Expires
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Materials

Step	Name	ID	Step	Name	ID
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			

Preparation Hardware / Equipment

Step	Name	Property	Value	Step	Name	Property	Value
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]	[illegible]	

[illegible]

Preparation Steps

Step	Started	Completed	By	Authorized By	Status	Comments
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Comments

[illegible]

Reviewer

[illegible]

ICP-MS LCSW AND SPIKING SOLUTIONS

5.0mL to 500mL Dilution of Inorganic Ventures QCP-C CV 1
Lot# 1/100 QCP-CICV-1

Analyte	Concentration in solution (ppb)	Concentration in µg/mL (ppb)
As	10000	100
Ag	1250	12.5
Ba	10000	100
Be	250	2.5
Ca	25000	250
Co	2500	25
Cu	1250	12.5
Cr	1000	10
Fe	5000	50
K	25000	250
Mg	25000	250
Mn	2500	25
Na	25000	250
Ni	2500	25
V	2500	25
Zn	2500	25

0.1mL to 100mL Dilution of 1000ppm Sb
Lot# 1ug/mL Sb

Analyte	Concentration in solution (ppb)	Concentration in µg/mL (ppb)
Sb	1000	10

5.0mL to 500mL Dilution of Inorganic Ventures QCP-C CV 2
Lot# 1/100 QCP-CICV-2

Analyte	Concentration in solution (ppb)	Concentration in µg/mL (ppb)
As	5000	50
Pb	5000	50
Se	5000	50
Tl	5000	50
Cd	2500	25

0.5mL to 10mL Dilution of 1000 ppm Mo and 1000 ppm U
Lot# MoU 5ppm

Analyte	Concentration in solution (ppb)	Concentration in µg/mL (ppb)
Mo	5000	25
U	5000	25

Preparation Information Benchsheet

Prep Run	30/070	**Prep Workflow**	MetDigAcMS	**Status:**	Draft	**Prep Date:**	09/10/2021 15:17
Team	Metals	**Prep Method**	EPA CLP ILM04.0	**Current Step**	Digestion	**Due Date:**	09/15/2021
Analyst	ABO-FX	**Rush/NPDES:**	N/A			**Hold Date:**	00/00/2021

[illegible]

17 Total Samples consisting of 13 Client Samples, 2 Client QC Samples, 2 Batch QC Samples associated with the current Prep Run.

Spiking Solutions

Name	Type	ID	Expires	Name	Type	ID	Expires
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Preparation Materials

Preparation Hardware / Equipment

Preparation Steps

Step	Started	Completed	By	Assigned By	Expected	Comments

[illegible]

Comments

[illegible]

Review

[illegible] [illegible]

Service Request #: ~~K2110138~~; K2110380, K2110139; K2110140
Calibration: 092021CICPMS06
ALS LIMS Run# 739349
Pipette IDs: 16006318, 19070685, 18010244
Pipette Check Due: 11/19/21
Cal Std: MS28-60-K
ICV Std: MS28-59-D
LLICV Std: MS28-59-E
I.S. Solution: MS28-47-F
Tune Std: MS28-3-A
ICSA: MS28-59-F
ICSAB: MS28-59-G

ICP-MS Data Review Form

		Yes	No	NA
1.	Appropriate standardization completed	X		
2.	ICV in control (+/- 10%)	X		
3	CCV's in control (+/- 10%)	X		
4.	ICB/CCB's below MRL	X		
5	LLICV standard analyzed and in control	X		
6.	ICS standards within 20% of true value	X		
6	All analytes within instrument linear range	X		
7	Adequate rinse out time allowed	X		
8	Internal standards in control	X		
9	Interferences checked	X		
10	Was the run terminated? If so, why		X	

See Benchsheet exception report for sample batch QC information.
Comments

Prep Batches: ~~386798~~, 387077, 387078, 386800, 386801

Primary Review by _____ Date _____

Secondary Review by _____ Date _____

Data Review Form

Instrument ID# K-ICP-MS-06
DataFile Name R:\ICP\WIP\DATA\K-ICP-MS-06 (Agilent 7800)\082021C.csv
RUNNO: 739349

K2110138

No exceptions to report.

K2110139

No exceptions to report.

K2110140

K2110140-001P5 - Metals T -

PS Recovery
5020A/Metals T 56 Fe [He] Recovery 71 Limits 50 - 120
5020A/Metals D 56 Fe [He] Recovery 71 Limits 50 - 120

K2110360

No exceptions to report.

Primary Approver
Secondary Approver

Page 1 of 1

	Sampler		Data File	Acq. Date-Time	Type	L	Sample Name	Co	Vial N
1			001SMPL	2021-09-20 2:21:36 P	Sample		Primer	5X	1410
2			002SMPL	2021-09-20 2:32:35 P	Sample		Primer	5X	1411
3			003SMPL	2021-09-20 2:44:21 P	Sample		Primer	5X	1412
4			004SMPL	2021-09-20 2:55:44 P	Sample		Primer	5X	1507
5			005CALIB	2021-09-20 2:07:07 P	CalIB		H2O/MeOH		2
6			006CALIB	2021-09-20 2:08:30 P	CalIB		H2O/MeOH		1
7			007CALIB	2021-09-20 2:09:52 P	CalIB		Blank		1
8			008CALIB	2021-09-20 2:11:16 P	CalIBSg		Blank		2
9			009 CCV	2021-09-20 2:12:36 P	CCV		CCV		2
10			010 CCV	2021-09-20 2:14:02 P	CCV		CCV		2
11			011 CCB	2021-09-20 2:15:25 P	CCB		CCB		1
12			012 CCB	2021-09-20 2:16:49 P	CCB		CCB		1
13			013 CCV	2021-09-20 2:18:13 P	CCV		CCV		2
14			014	2021-09-20 2:19:36 P	ICSA		ICSA		2
15			015	2021-09-20 2:20:56 P	ICSAB		ICSAB		2
16			016SMPL	2021-09-20 2:22:20 P	Sample		MO 510		2
17			017 PBLG	2021-09-20 2:23:21 P	PB		K021-0256-01		10
18			018 LCS-G	2021-09-20 2:13:42 P	LCS		K021-0256-02		1
19			019 ARR-2	2021-09-20 2:15:05 P	Arr Rel		K21-0138-001	5X	1412
20			020SMPL	2021-09-20 2:36:28 P	Sample		K021-0256-03	5X	1401
21			021SMPL	2021-09-20 2:31:50 P	Sample		K21-0138-001	25X	1402
22			022 MSD-2	2021-09-20 2:32:14 P	MSD		K21-0138-001	5X	1403
23			023 SPK-2	2021-09-20 2:43:37 P	Spike		K021-0256-04	5X	1404
24			024SMPL	2021-09-20 2:41:50 P	Sample		K21-0138-003	5X	1405
25			025SMPL	2021-09-20 2:42:21 P	Sample		K21-0138-002	5X	1406
26			026SMPL	2021-09-20 2:44:45 P	Sample		K21-0138-006	5X	1407
27			027 CCV	2021-09-20 2:46:08 P	CCV		CCV		2
28			028 CCB	2021-09-20 2:47:31 P	CCB		CCB		1
29			029SMPL	2021-09-20 2:48:58 P	Sample		K21-0138-002	5X	1408
30			030SMPL	2021-09-20 2:50:20 P	Sample		K21-0138-001	5X	1409
31			031SMPL	2021-09-20 2:51:43 P	Sample		K21-0138-007	0.5	1410
32			032SMPL	2021-09-20 2:53:05 P	Sample		K21-0138-008	0.5	1411
33			033SMPL	2021-09-20 2:54:29 P	Sample		K21-0138-003	0.5	1412
34			034SMPL	2021-09-20 2:55:51 P	Sample		K21-0138-004	0.5	1501
35			035SMPL	2021-09-20 2:57:14 P	Sample		K21-0138-005	0.5	1502

	Sample								
	Tp	Hyd	Data File	Acq Date-Time	Type	L	Sample Name	Dil	Vial N
36			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
37			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
38			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
39			039 CCV	2021 09 20 3 02 45 P	CCV		CCV		2
40			040 CCB	2021 09 20 3 04 09 P	CCB		CCB		1
41			[illegible]	2021 09 20 3 05 32 P	Samp		[illegible]	[illegible]	[illegible]
42			042 CCV	2021 09 20 3 06 55 P	CCV		CCV		2
43			043 CCB	2021 09 20 3 08 19 P	CCB		CCB		1
44			[illegible]	[illegible]	LLCCV		LLCCV		2103
45			[illegible]	[illegible]	PIL		[illegible]		[illegible]
46			[illegible]	[illegible]	LCS		[illegible]		[illegible]
47			[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
48			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
49			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
50			[illegible]	[illegible]	PDS		[illegible]	[illegible]	[illegible]
51			[illegible]	[illegible]	Spike		[illegible]	[illegible]	[illegible]
52			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
53			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
54			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
55			[illegible]	[illegible]	CCV		CCV		2
56			[illegible]	[illegible]	CCB		CCB		1
57			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
58			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
59			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
60			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
61			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
62			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
63			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
64			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
65			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
66			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
67			[illegible]	[illegible]	CCV		CCV		2
68			[illegible]	[illegible]	CCB		CCB		1
69			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]
70			[illegible]	[illegible]	Samp		[illegible]	[illegible]	[illegible]

	Sample Type	Hyd	Data File	Acq Date-Time	Type	L	Sample Name	Dil	Vol. In
71		☐	[illegible]	2021-09-20 3:46:55 P	Samp		[illegible]	[illegible]	[illegible]
72		☐	[illegible]	2021-09-20 3:48:[illegible] P	Samp		[illegible]	[illegible]	3300
73		☐	073 CCV	2021-09-20 3:49:41 P	CCV		CCV		2
74		☐	074 CCB	2021-09-20 3:51:05 P	CCB		CCB		1
75		☐	075LCCV	2021-09-20 3:52:29 P	LCCV		LCCVW		2102
76		☐	076 PB u	2021-09-20 3:53:52 P	PB		[illegible]		[illegible]
77		☐	077 LCS u	2021-09-20 3:55:15 P	LCS		[illegible]		[illegible]
78		☐	078 AvPal u	2021-09-20 3:56:[illegible] P	AvPal		[illegible]	5X	3209
79		☐	[illegible]MPL	2021-09-20 3:57:59 P	Samp		[illegible]	5X	[illegible]
80		☐	080SMPL	2021-09-20 3:59:22 P	Samp		[illegible]	25X	[illegible]
81		☐	081 PDS [illegible]	2021-09-20 4:00:45 P	PDS		[illegible]	5X	[illegible]
82		☐	082 SPX u	2021-09-20 4:02:08 P	Spike		[illegible]	5X	3301
83		☐	083SMPL	2021-09-20 4:03:31 P	Samp		[illegible]	5X	3302
84		☐	084SMPL	2021-09-20 4:04:54 P	Samp		[illegible]	5X	3303
85		☐	085SMPL	2021-09-20 4:06:15 P	Samp		[illegible]	5X	3304
86		☐	086 CCV	2021-09-20 4:07:42 P	CCV		CCV		2
87		☐	087 CCB	2021-09-20 4:09:03 P	CCB		CCB		1
88		☐	088SMPL	2021-09-20 4:10:27 P	Samp		[illegible]	5X	3305
89		☐	089SMPL	2021-09-20 4:11:49 P	Samp		[illegible]	5X	3306
90		☐	090SMPL	2021-09-20 4:13:17 P	Samp		[illegible]	5X	3307
91		☐	091SMPL	2021-09-20 4:14:32 P	Samp		[illegible]	5X	3308
92		☐	092SMPL	2021-09-20 4:15:55 P	Samp		[illegible]	5X	3309
93		☐	093SMPL	2021-09-20 4:17:19 P	Samp		[illegible]	5X	3310
94		☐	094SMPL	2021-09-20 4:18:42 P	Samp		[illegible]	5X	3311
95		☐	095SMPL	2021-09-20 4:20:05 P	Samp		[illegible]	5X	3312
96			096SMPL	2021-09-20 4:21:28 P	Samp		[illegible]	5X	3401
97		☐	097 CCV	2021-09-20 4:22:51 P	CCV		CCV		2
98		☐	098 CCB	2021-09-20 4:24:14 P	CCB		CCB		1
99		☐	099LCCV	2021-09-20 4:25:38 P	LCCV		LCCVW		2102
100		☐	100 PB u	2021-09-20 4:27:01 P	PB		[illegible]		3402
101		☐	101 LCS u	2021-09-20 4:28:24 P	LCS		[illegible]		3403
102		☐	102 AvPal u	2021-09-20 4:29:46 P	AvPal		[illegible]	5X	3404
103		☐	103SMPL	2021-09-20 4:31:08 P	Samp		[illegible]	5X	3405
104		☐	104SMPL	2021-09-20 4:32:31 P	Samp		[illegible]	25X	3406
105		☐	105 PDS [illegible]	2021-09-20 4:33:53 P	PDS		[illegible]	5X	3407

	Sample								
	Type	Hold	Data File	Acq. Date-Time	Type	L	Sample Name	Co	Vial N.
106	*	[illegible]	106 SPIKE	2021-09-20 4:33:[illegible] P	Spike		[illegible]	5X	3408
107		[illegible]	107SMPL	2021-09-20 4:36:40 P	Sample		[illegible]	5X	3409
108		[illegible]	108SMPL	2021-09-20 4:38:03 P	Sample		[illegible]	5X	3410
109		[illegible]	109SMPL	2021-09-20 4:39:26 P	Sample		[illegible]	5X	3411
110		[illegible]	110 CCV	2021-09-20 4:40:50 P	CCV		CCV		2
111		[illegible]	111 CCB	2021-09-20 4:42:[illegible] P	CCB		CCB		1
112		[illegible]	112SMPL	2021-09-20 4:43:36 P	Sample		[illegible]	5X	3412
113		[illegible]	113SMPL	2021-09-20 4:44:58 P	Sample		[illegible]	5X	3501
114		[illegible]	114SMPL	2021-09-20 4:46:20 P	Sample		[illegible]	5X	3502
115		[illegible]	115SMPL	2021-09-20 4:47:42 P	Sample		[illegible]	0.5	3503
116		[illegible]	116SMPL	2021-09-20 4:49:05 P	Sample		[illegible]	0.5	3504
117		[illegible]	117SMPL	2021-09-20 4:50:27 P	Sample		[illegible]	0.5	3505
118		[illegible]	118SMPL	2021-09-20 4:51:50 P	Sample		[illegible]	0.5	3506
119		[illegible]	119SMPL	2021-09-20 4:53:13 P	Sample		[illegible]	0.5	3507
120		[illegible]	120SMPL	2021-09-20 4:54:36 P	Sample		[illegible]	0.5	3508
121		[illegible]	121SMPL	2021-09-20 4:55:58 P	Sample		[illegible]	0.5	3509
122		[illegible]	122 CCV	2021-09-20 4:57:21 P	CCV		CCV		2
123		[illegible]	123 CCB	2021-09-20 4:58:45 P	CCB		CCB		1
124		[illegible]	124SMPL	2021-09-20 5:00:08 P	Sample		[illegible]	0.5	3510
125		[illegible]	125SMPL	2021-09-20 5:01:31 P	Sample		[illegible]	0.5	3511
126			126SMPL	2021-09-20 5:02:54 P	Sample		[illegible]	0.5	3512
127		[illegible]	127 CCV	2021-09-20 5:04:15 P	CCV		CCV		2
128		[illegible]	128 CCB	2021-09-20 5:05:41 P	CCB		CCB		1
129		[illegible]	129LCCV	2021-09-20 5:07:04 P	LCCV		LCCVW		3102
130		[illegible]	130 PBLC	2021-09-20 5:08:27 P	PBLC		[illegible]		3101
131		[illegible]	131 LCS	2021-09-20 5:09:50 P	LCS		[illegible]		3102
132		[illegible]	132 AHPC	2021-09-20 5:11:12 P	AHPC		[illegible]	5X	3103
133		[illegible]	133SMPL	2021-09-20 5:12:35 P	Sample		[illegible]	5X	3104
134		[illegible]	134SMPL	2021-09-20 5:13:57 P	Sample		[illegible]	25X	3105
135	*	[illegible]	135 PDS	2021-09-20 5:15:19 P	PDS		[illegible]	5X	3106
136	*	[illegible]	136 SPIKE	2021-09-20 5:16:41 P	Spike		[illegible]	5X	3107
137		[illegible]	137SMPL	2021-09-20 5:18:03 P	Sample		[illegible]	5X	3108
138		[illegible]	138SMPL	2021-09-20 5:19:25 P	Sample		[illegible]	5X	3109
139		[illegible]	139SMPL	2021-09-20 5:20:48 P	Sample		[illegible]	5X	3110
140		[illegible]	140 CCV	2021-09-20 5:22:12 P	CCV		CCV		2

Sample

	Type	Acq. Date-Time	Sample Name	Vial
141	CCB	2021-09-20 5:23:36 PM	CCB	1
142	Samp	2021-09-20 5:24:58 PM	[illegible]	[illegible]
143	Samp	2021-09-20 5:26:21 PM	[illegible]	[illegible]
144	Samp	2021-09-20 5:27:43 PM	[illegible]	[illegible]
145	Samp	2021-09-20 5:29:05 PM	[illegible]	[illegible]
146	Samp	2021-09-20 5:30:27 PM	[illegible]	[illegible]
147	Samp	2021-09-20 5:31:49 PM	[illegible]	[illegible]
148	Samp	2021-09-20 5:33:12 PM	[illegible]	[illegible]
149	Samp	2021-09-20 5:34:34 PM	[illegible]	[illegible]
150	Samp	2021-09-20 5:35:57 PM	[illegible]	[illegible]
151	Samp	2021-09-20 5:37:20 PM	[illegible]	[illegible]
152	CCV	2021-09-20 5:38:44 PM	CCV	2
153	CCB	2021-09-20 5:40:06 PM	CCB	[illegible]
154	Samp	2021-09-20 5:41:30 PM	[illegible]	[illegible]
155	Samp	2021-09-20 5:42:52 PM	[illegible]	[illegible]
156	Samp	2021-09-20 5:44:15 PM	[illegible]	[illegible]
157	CCV	2021-09-20 5:45:39 PM	CCV	2
158	CCB	2021-09-20 5:47:02 PM	CCB	[illegible]
159	LCCV	2021-09-20 5:48:27 PM	LCCV	21ul

Analyte

	Name	Mass	ISTD	Tune Mode	Units	Replicate
1	Mn	55	T2	He	ug/l	3
2	Fe	56	T2	He	ug/l	3
3	As	75	T2	He	ug/l	3
4	Mo	95	T15	He	ug/l	3
5	Mo	98	T15	He	ug/l	3
6	Se	45		He		1
7	Ga	72		He		1
8	[illegible]	[illegible]		He		1

US EPA Tune Check Report

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US EPA Tune Check Report

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Initial Calibration Verification (ICV) Report

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Continuing Calibration Verification (CCV) Report

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Initial Calibration Blank (ICB) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Initial Calibration Verification (LLICV) Report

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Prep Blank (PB) Report

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QC Sample Table

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QC [illegible] Table

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Laboratory Control Sample (LCS) Report

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Name	Height	STD	Peak Height	Conc	Conc	Conc RSD	CPS	QC Flag
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Name	Mass	Peak Height	CPS	CPS RSD	Net CPS	% Net	QC Flag
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Sample Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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Reference Sample Report

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QC Results Table

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Name	Mass	RT	Type	Conc	Units	Conc MSD	CPS	QC Flag
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Name	Mass	Time Based	CPS	CPS MSD	Rel CPS	Value	QC Flag
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Sample Report

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QC Analyte Values

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QC ISTD Values

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Name	Mass	RSD	Type	Conc	Units	Conc RSD	CPS	QC Pass
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Name	Mass	Type Mass	CPS	CPS RSD	Net CPS	% Rec	QC Pass
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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Name	Range	[illegible]	Peak Mode	Conc	[illegible]	Conc RSD	CPS	QC Flag
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Name	Mass	[illegible]	CPS	CPS RSD	Net CPS	[illegible]	[illegible]
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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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Name	Mass	[illegible]	CPS	CPS RSD	Net CPS	[illegible]	[illegible]
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Laboratory Control Sample (LCS) Report

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Post Digestion Spike Sample (PDS) Report

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Matrix Spike Sample (MS) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Sample Report

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Sample Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Prep Blank (PB) Report

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Laboratory Control Sample (LCS) Report

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Reference Sample Report

[illegible]

Name	Mass	RT2	Transition	Conc	Unit	Conc RSD	QC	QC Flag
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Name	Mass	Transition	[illegible]	[illegible]	[illegible]	[illegible]	QC Flag
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

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Name	Value	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Name	Value	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Post Digestion Spike Sample (PDS) Report

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Hatna Soke Sample (M5) Report

[illegible]

Name	Value	Type	Conc.	Units	Conc. RSD	CFS	Conc. Dev.	% Rec	Flag
[illegible]	[illegible]	[illegible]	[illegible]	µg/l	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	µg/l	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	µg/l	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	µg/l	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	µg/l	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

Name	Value	Type Name	LPS	LPS RSD	Net LPS	% Rec	QC Flag
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
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Name	Value	[illegible]	Type	Conc	[illegible]	Conc RSD	DF	QC Flag
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

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Name	Value	Conc Units	[illegible]	[illegible]	[illegible]	[illegible]	QC Flag
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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Sample Report

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[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	

Sample Report

[illegible]

Region	Mapping	[illegible]	Type	[illegible]	Units	[illegible]	CPS	QC Flag
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QC Analyte Table

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Continuing Calibration Verification (CCV) Report

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Continuing Calibration Blank (CCB) Report

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Low Level Continuing Calibration Verification (LLCCV) Report

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Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

AMENDED REPORT

Friday, May 14, 2021

Dimitri Vlassopoulos
Anchor QEA, LLC
6720 SW Macadam Ave. Suite 125
Portland, OR 97219

RE: A1D0469 - Grumman Road - 201114-05.01

Thank you for using Apex Laboratories. We greatly appreciate your business and strive to provide the highest quality services to the environmental industry.

Enclosed are the results of analyses for work order A1D0469, which was received by the laboratory on 4/12/2021 at 3:14:00PM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: dthomas@apex-labs.com, or by phone at 503-718-2323.

Please note: All samples will be disposed of within 30 days of sample receipt, unless prior arrangements have been made.

Cooler Receipt Information

(See Cooler Receipt Form for details)

Cooler #1	1.2 degC	Cooler #2	2.9 degC

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.
All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Darwin Thomas, Business Development Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

AMENDED REPORT

Anchor QEA, LLC	Project: **Grumman Road**	
6720 SW Macadam Ave. Suite 125	Project Number: **201114-05.01**	**Report ID:**
Portland, OR 97219	Project Manager: **Dimitri Vlassopoulos**	**A1D0469 - 05 14 21 0842**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GR-SSE-F1-1	A1D0469-01	W	04/06/21 10:00	04/12/21 15:14
GR-SSE-F1-2	A1D0469-02	W	04/06/21 10:05	04/12/21 15:14
GR-SSE-F1-3	A1D0469-03	W	04/06/21 10:10	04/12/21 15:14
GR-SSE-F1-4	A1D0469-04	W	04/06/21 10:15	04/12/21 15:14
GR-SSE-F1-5	A1D0469-05	W	04/06/21 10:20	04/12/21 15:14
GR-SSE-F1-6	A1D0469-06	W	04/06/21 10:25	04/12/21 15:14
GR-SSE-F1-7	A1D0469-07	W	04/06/21 10:30	04/12/21 15:14
GR-SSE-F1-8	A1D0469-08	W	04/06/21 10:35	04/12/21 15:14
GR-SSE-F1-9	A1D0469-09	W	04/06/21 10:40	04/12/21 15:14
GR-SSE-F1-10	A1D0469-10	W	04/06/21 10:45	04/12/21 15:14
GR-SSE-F1-11	A1D0469-11	W	04/06/21 10:50	04/12/21 15:14
GR-SSE-F1-12	A1D0469-12	W	04/06/21 10:55	04/12/21 15:14
GR-SSE-F1-13	A1D0469-13	W	04/06/21 11:00	04/12/21 15:14
GR-SSE-F1-14	A1D0469-14	W	04/06/21 11:05	04/12/21 15:14
GR-SSE-F1-15	A1D0469-15	W	04/06/21 11:10	04/12/21 15:14
GR-SSE-F1-16	A1D0469-16	W	04/06/21 11:15	04/12/21 15:14
GR-SSE-F2-1	A1D0469-17	W	04/07/21 10:00	04/12/21 15:14
GR-SSE-F2-2	A1D0469-18	W	04/08/21 10:05	04/12/21 15:14
GR-SSE-F2-3	A1D0469-19	W	04/09/21 10:10	04/12/21 15:14
GR-SSE-F2-4	A1D0469-20	W	04/10/21 10:15	04/12/21 15:14
GR-SSE-F2-5	A1D0469-21	W	04/07/21 10:20	04/12/21 15:14
GR-SSE-F2-6	A1D0469-22	W	04/07/21 10:25	04/12/21 15:14
GR-SSE-F2-7	A1D0469-23	W	04/07/21 10:30	04/12/21 15:14
GR-SSE-F2-8	A1D0469-24	W	04/07/21 10:35	04/12/21 15:14
GR-SSE-F2-9	A1D0469-25	W	04/07/21 10:40	04/12/21 15:14
GR-SSE-F2-10	A1D0469-26	W	04/07/21 10:45	04/12/21 15:14
GR-SSE-F2-11	A1D0469-27	W	04/07/21 10:50	04/12/21 15:14
GR-SSE-F2-12	A1D0469-28	W	04/07/21 10:55	04/12/21 15:14
GR-SSE-F2-13	A1D0469-29	W	04/07/21 11:00	04/12/21 15:14
GR-SSE-F2-14	A1D0469-30	W	04/07/21 11:05	04/12/21 15:14
GR-SSE-F2-15	A1D0469-31	W	04/07/21 11:10	04/12/21 15:14
GR-SSE-F2-16	A1D0469-32	W	04/07/21 11:15	04/12/21 15:14
GR-SSE-F3-1	A1D0469-33	W	04/08/21 10:00	04/12/21 15:14

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Darwin Thomas, Business Development Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

AMENDED REPORT

Anchor QEA, LLC	Project: **Grumman Road**	
6720 SW Macadam Ave. Suite 125	Project Number: **201114-05.01**	**Report ID:**
Portland, OR 97219	Project Manager: **Dimitri Vlassopoulos**	**A1D0469 - 05 14 21 0842**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GR-SSE-F3-2	A1D0469-34	W	04/08/21 10:05	04/12/21 15:14
GR-SSE-F3-3	A1D0469-35	W	04/08/21 10:10	04/12/21 15:14
GR-SSE-F3-4	A1D0469-36	W	04/08/21 10:15	04/12/21 15:14
GR-SSE-F3-5	A1D0469-37	W	04/08/21 10:20	04/12/21 15:14
GR-SSE-F3-6	A1D0469-38	W	04/08/21 10:25	04/12/21 15:14
GR-SSE-F3-7	A1D0469-39	W	04/08/21 10:30	04/12/21 15:14
GR-SSE-F3-8	A1D0469-40	W	04/08/21 10:35	04/12/21 15:14
GR-SSE-F3-9	A1D0469-41	W	04/08/21 10:40	04/12/21 15:14
GR-SSE-F3-10	A1D0469-42	W	04/08/21 10:45	04/12/21 15:14
GR-SSE-F3-11	A1D0469-43	W	04/08/21 10:50	04/12/21 15:14
GR-SSE-F3-12	A1D0469-44	W	04/08/21 10:55	04/12/21 15:14
GR-SSE-F3-13	A1D0469-45	W	04/08/21 11:00	04/12/21 15:14
GR-SSE-F3-14	A1D0469-46	W	04/08/21 11:05	04/12/21 15:14
GR-SSE-F3-15	A1D0469-47	W	04/08/21 11:10	04/12/21 15:14
GR-SSE-F3-16	A1D0469-48	W	04/08/21 11:15	04/12/21 15:14
GR-SSE-F4-1	A1D0469-49	W	04/09/21 10:00	04/12/21 15:14
GR-SSE-F4-2	A1D0469-50	W	04/09/21 10:05	04/12/21 15:14
GR-SSE-F4-3	A1D0469-51	W	04/09/21 10:10	04/12/21 15:14
GR-SSE-F4-4	A1D0469-52	W	04/09/21 10:15	04/12/21 15:14
GR-SSE-F4-5	A1D0469-53	W	04/09/21 10:20	04/12/21 15:14
GR-SSE-F4-6	A1D0469-54	W	04/09/21 10:25	04/12/21 15:14
GR-SSE-F4-7	A1D0469-55	W	04/09/21 10:30	04/12/21 15:14
GR-SSE-F4-8	A1D0469-56	W	04/09/21 10:35	04/12/21 15:14
GR-SSE-F4-9	A1D0469-57	W	04/09/21 10:40	04/12/21 15:14
GR-SSE-F4-10	A1D0469-58	W	04/09/21 10:45	04/12/21 15:14
GR-SSE-F4-11	A1D0469-59	W	04/09/21 10:50	04/12/21 15:14
GR-SSE-F4-12	A1D0469-60	W	04/09/21 10:55	04/12/21 15:14
GR-SSE-F4-13	A1D0469-61	W	04/09/21 11:00	04/12/21 15:14
GR-SSE-F4-14	A1D0469-62	W	04/09/21 11:05	04/12/21 15:14
GR-SSE-F4-15	A1D0469-63	W	04/09/21 11:10	04/12/21 15:14
GR-SSE-F4-16	A1D0469-64	W	04/09/21 11:15	04/12/21 15:14
GR-SSE-F5-1	A1D0469-65	S	04/12/21 10:00	04/12/21 15:14
GR-SSE-F5-2	A1D0469-66	S	04/12/21 10:05	04/12/21 15:14

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Darwin Thomas, Business Development Director

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

AMENDED REPORT

Anchor QEA, LLC	Project: **Grumman Road**	
6720 SW Macadam Ave. Suite 125	Project Number: **201114-05.01**	**Report ID:**
Portland, OR 97219	Project Manager: **Dimitri Vlassopoulos**	**A1D0469 - 05 14 21 0842**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
GR-SSE-F5-3	A1D0469-67	S	04/12/21 10:10	04/12/21 15:14
GR-SSE-F5-4	A1D0469-68	S	04/12/21 10:15	04/12/21 15:14
GR-SSE-F5-5	A1D0469-69	S	04/12/21 10:20	04/12/21 15:14
GR-SSE-F5-6	A1D0469-70	S	04/12/21 10:25	04/12/21 15:14
GR-SSE-F5-7	A1D0469-71	S	04/12/21 10:30	04/12/21 15:14
GR-SSE-F5-8	A1D0469-72	S	04/12/21 10:35	04/12/21 15:14
GR-SSE-F5-9	A1D0469-73	S	04/12/21 10:40	04/12/21 15:14
GR-SSE-F5-11	A1D0469-74	S	04/12/21 10:50	04/12/21 15:14
GR-SSE-F5-12	A1D0469-75	S	04/12/21 10:55	04/12/21 15:14
GR-SSE-F5-13	A1D0469-76	S	04/12/21 11:00	04/12/21 15:14
GR-SSE-F5-14	A1D0469-77	S	04/12/21 11:05	04/12/21 15:14
GR-SSE-F5-15	A1D0469-78	S	04/12/21 11:10	04/12/21 15:14
GR-SSE-F5-16	A1D0469-79	S	04/12/21 11:15	04/12/21 15:14

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ANALYTICAL REPORT

AMENDED REPORT

Anchor QEA, LLC	Project: **Grumman Road**	
6720 SW Macadam Ave. Suite 125	Project Number: **201114-05.01**	**Report ID:**
Portland, OR 97219	Project Manager: **Dimitri Vlassopoulos**	**A1D0469 - 05 14 21 0842**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GR-SSE-F1-1 (A1D0469-01)				**Matrix: W**				
Batch: 1040573								
Iron	ND	2500	5000	ug/L	100	04/16/21 19:07	EPA 6020B	R-04
Molybdenum	ND	50.0	100	ug/L	100	04/16/21 19:07	EPA 6020B	
GR-SSE-F1-1 (A1D0469-01RE3)				**Matrix: W**				
Batch: 1040573								
Arsenic	ND	25.0	50.0	ug/L	50	05/11/21 04:22	EPA 6020B	R-04
Iron	ND	1250	2500	ug/L	50	05/11/21 04:22	EPA 6020B	R-04
Molybdenum	ND	25.0	50.0	ug/L	50	05/11/21 04:22	EPA 6020B	R-04
GR-SSE-F1-2 (A1D0469-02RE3)				**Matrix: W**				
Batch: 1040573								
Arsenic	ND	25.0	50.0	ug/L	50	05/11/21 04:26	EPA 6020B	R-04
Iron	ND	1250	2500	ug/L	50	05/11/21 04:26	EPA 6020B	R-04
Molybdenum	ND	25.0	50.0	ug/L	50	05/11/21 04:26	EPA 6020B	R-04
GR-SSE-F1-3 (A1D0469-03RE3)				**Matrix: W**				
Batch: 1040573								
Arsenic	ND	25.0	50.0	ug/L	50	05/11/21 04:29	EPA 6020B	R-04
Iron	ND	1250	2500	ug/L	50	05/11/21 04:29	EPA 6020B	A-01, R-04
Molybdenum	ND	25.0	50.0	ug/L	50	05/11/21 04:29	EPA 6020B	R-04
GR-SSE-F1-4 (A1D0469-04RE3)				**Matrix: W**				
Batch: 1040573								
Arsenic	ND	25.0	50.0	ug/L	50	05/11/21 04:32	EPA 6020B	R-04
Iron	ND	1250	2500	ug/L	50	05/11/21 04:32	EPA 6020B	A-01, R-04
Molybdenum	ND	25.0	50.0	ug/L	50	05/11/21 04:32	EPA 6020B	R-04
GR-SSE-F1-5 (A1D0469-05RE3)				**Matrix: W**				
Batch: 1040573								
Arsenic	ND	25.0	50.0	ug/L	50	05/11/21 04:35	EPA 6020B	R-04
Iron	ND	1250	2500	ug/L	50	05/11/21 04:35	EPA 6020B	A-01, R-04
Molybdenum	**31.5**	25.0	50.0	ug/L	50	05/11/21 04:35	EPA 6020B	**J, R-04**
GR-SSE-F1-6 (A1D0469-06RE3)				**Matrix: W**				
Batch: 1040573								

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ANALYTICAL REPORT

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Anchor QEA, LLC	Project: **Grumman Road**	
6720 SW Macadam Ave. Suite 125	Project Number: **201114-05.01**	**Report ID:**
Portland, OR 97219	Project Manager: **Dimitri Vlassopoulos**	**A1D0469 - 05 14 21 0842**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GR-SSE-F1-6 (A1D0469-06RE3)				**Matrix: W**				
Arsenic	ND	25.0	50.0	ug/L	50	05/11/21 04:38	EPA 6020B	R-04
Iron	ND	1250	2500	ug/L	50	05/11/21 04:38	EPA 6020B	A-01, R-04
Molybdenum	ND	25.0	50.0	ug/L	50	05/11/21 04:38	EPA 6020B	R-04
GR-SSE-F1-7 (A1D0469-07RE3)				**Matrix: W**				
Batch: 1040573								
Arsenic	ND	25.0	50.0	ug/L	50	05/11/21 04:41	EPA 6020B	R-04
Iron	ND	1250	2500	ug/L	50	05/11/21 04:41	EPA 6020B	A-01, R-04
Molybdenum	ND	25.0	50.0	ug/L	50	05/11/21 04:41	EPA 6020B	R-04
GR-SSE-F1-8 (A1D0469-08RE3)				**Matrix: W**				
Batch: 1040573								
Arsenic	ND	25.0	50.0	ug/L	50	05/11/21 04:44	EPA 6020B	R-04
Iron	ND	1250	2500	ug/L	50	05/11/21 04:44	EPA 6020B	A-01, R-04
Molybdenum	ND	25.0	50.0	ug/L	50	05/11/21 04:44	EPA 6020B	R-04
GR-SSE-F1-9 (A1D0469-09RE3)				**Matrix: W**				
Batch: 1040573								
Arsenic	ND	25.0	50.0	ug/L	50	05/11/21 04:47	EPA 6020B	A-01, R-04
Iron	ND	1250	2500	ug/L	50	05/11/21 04:47	EPA 6020B	A-01, R-04
Molybdenum	ND	25.0	50.0	ug/L	50	05/11/21 04:47	EPA 6020B	R-04
GR-SSE-F1-10 (A1D0469-10RE3)				**Matrix: W**				
Batch: 1040573								
Arsenic	ND	25.0	50.0	ug/L	50	05/11/21 04:51	EPA 6020B	A-01, R-04
Iron	ND	1250	2500	ug/L	50	05/11/21 04:51	EPA 6020B	A-01, R-04
Molybdenum	ND	25.0	50.0	ug/L	50	05/11/21 04:51	EPA 6020B	R-04
GR-SSE-F1-11 (A1D0469-11RE3)				**Matrix: W**				
Batch: 1040573								
Arsenic	ND	25.0	50.0	ug/L	50	05/11/21 05:00	EPA 6020B	A-01, R-04
Iron	ND	1250	2500	ug/L	50	05/11/21 05:00	EPA 6020B	A-01, R-04
Molybdenum	ND	25.0	50.0	ug/L	50	05/11/21 05:00	EPA 6020B	R-04
GR-SSE-F1-12 (A1D0469-12RE3)				**Matrix: W**				
Batch: 1040573								

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ORELAP ID: **OR100062**

ANALYTICAL REPORT

AMENDED REPORT

Anchor QEA, LLC	Project: **Grumman Road**	
6720 SW Macadam Ave. Suite 125	Project Number: **201114-05.01**	**Report ID:**
Portland, OR 97219	Project Manager: **Dimitri Vlassopoulos**	**A1D0469 - 05 14 21 0842**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GR-SSE-F1-12 (A1D0469-12RE3)				**Matrix: W**				
Arsenic	ND	25.0	50.0	ug/L	50	05/11/21 05:03	EPA 6020B	A-01, R-04
Iron	ND	1250	2500	ug/L	50	05/11/21 05:03	EPA 6020B	A-01, R-04
Molybdenum	ND	25.0	50.0	ug/L	50	05/11/21 05:03	EPA 6020B	R-04
GR-SSE-F1-13 (A1D0469-13RE3)				**Matrix: W**				
Batch: 1040573								
Arsenic	ND	25.0	50.0	ug/L	50	05/11/21 05:06	EPA 6020B	A-01, R-04
Iron	ND	1250	2500	ug/L	50	05/11/21 05:06	EPA 6020B	A-01, R-04
Molybdenum	**38.0**	25.0	50.0	ug/L	50	05/11/21 05:06	EPA 6020B	**J, R-04**
GR-SSE-F1-14 (A1D0469-14RE3)				**Matrix: W**				
Batch: 1040573								
Arsenic	ND	25.0	50.0	ug/L	50	05/11/21 05:09	EPA 6020B	A-01, R-04
Iron	ND	1250	2500	ug/L	50	05/11/21 05:09	EPA 6020B	A-01, R-04
Molybdenum	ND	25.0	50.0	ug/L	50	05/11/21 05:09	EPA 6020B	R-04
GR-SSE-F1-15 (A1D0469-15RE3)				**Matrix: W**				
Batch: 1040573								
Arsenic	**56.8**	25.0	50.0	ug/L	50	05/11/21 05:12	EPA 6020B	**A-01**
Iron	ND	1250	2500	ug/L	50	05/11/21 05:12	EPA 6020B	A-01, R-04
Molybdenum	**262**	25.0	50.0	ug/L	50	05/11/21 05:12	EPA 6020B	
GR-SSE-F1-16 (A1D0469-16RE3)				**Matrix: W**				
Batch: 1040573								
Arsenic	ND	25.0	50.0	ug/L	50	05/11/21 05:15	EPA 6020B	A-01, R-04
Iron	**2210**	1250	2500	ug/L	50	05/11/21 05:15	EPA 6020B	**J, A-01, R-04**
Molybdenum	ND	25.0	50.0	ug/L	50	05/11/21 05:15	EPA 6020B	R-04
GR-SSE-F2-1 (A1D0469-17RE3)				**Matrix: W**				
Batch: 1040573								
Arsenic	ND	25.0	50.0	ug/L	50	05/11/21 03:14	EPA 6020B	R-04
Iron	**6490**	1250	2500	ug/L	50	05/11/21 03:14	EPA 6020B	
Molybdenum	**72.7**	25.0	50.0	ug/L	50	05/11/21 03:14	EPA 6020B	**R-04**
GR-SSE-F2-2 (A1D0469-18RE3)				**Matrix: W**				

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503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

AMENDED REPORT

Anchor QEA, LLC	Project: **Grumman Road**	
6720 SW Macadam Ave. Suite 125	Project Number: **201114-05.01**	**Report ID:**
Portland, OR 97219	Project Manager: **Dimitri Vlassopoulos**	**A1D0469 - 05 14 21 0842**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GR-SSE-F2-2 (A1D0469-18RE3)				**Matrix: W**				
Batch: 1040573								
Arsenic	ND	25.0	50.0	ug/L	50	05/11/21 03:17	EPA 6020B	R-04
Iron	**3900**	1250	2500	ug/L	50	05/11/21 03:17	EPA 6020B	
Molybdenum	**36.2**	25.0	50.0	ug/L	50	05/11/21 03:17	EPA 6020B	**J, R-04**
GR-SSE-F2-3 (A1D0469-19RE3)				**Matrix: W**				
Batch: 1040573								
Arsenic	ND	25.0	50.0	ug/L	50	05/11/21 03:20	EPA 6020B	R-04
Iron	**1390**	1250	2500	ug/L	50	05/11/21 03:20	EPA 6020B	**J, R-04**
Molybdenum	**36.6**	25.0	50.0	ug/L	50	05/11/21 03:20	EPA 6020B	**J, R-04**
GR-SSE-F2-4 (A1D0469-20RE3)				**Matrix: W**				
Batch: 1040573								
Arsenic	ND	25.0	50.0	ug/L	50	05/11/21 03:23	EPA 6020B	R-04
Iron	**4220**	1250	2500	ug/L	50	05/11/21 03:23	EPA 6020B	
Molybdenum	**30.3**	25.0	50.0	ug/L	50	05/11/21 03:23	EPA 6020B	**J, R-04**
GR-SSE-F2-5 (A1D0469-21RE3)				**Matrix: W**				
Batch: 1040587								
Arsenic	ND	25.0	50.0	ug/L	50	05/11/21 03:26	EPA 6020B	R-04
Iron	ND	1250	2500	ug/L	50	05/11/21 03:26	EPA 6020B	R-04
Molybdenum	**46.0**	25.0	50.0	ug/L	50	05/11/21 03:26	EPA 6020B	**J, R-04**
GR-SSE-F2-6 (A1D0469-22RE3)				**Matrix: W**				
Batch: 1040587								
Arsenic	ND	25.0	50.0	ug/L	50	05/11/21 03:30	EPA 6020B	R-04
Iron	**3010**	1250	2500	ug/L	50	05/11/21 03:30	EPA 6020B	
Molybdenum	**37.3**	25.0	50.0	ug/L	50	05/11/21 03:30	EPA 6020B	**J, R-04**
GR-SSE-F2-7 (A1D0469-23RE3)				**Matrix: W**				
Batch: 1040587								
Arsenic	ND	25.0	50.0	ug/L	50	05/11/21 03:33	EPA 6020B	R-04
Iron	ND	1250	2500	ug/L	50	05/11/21 03:33	EPA 6020B	R-04
Molybdenum	**50.9**	25.0	50.0	ug/L	50	05/11/21 03:33	EPA 6020B	

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Darwin Thomas, Business Development Director

Apex Laboratories, LLC
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503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

AMENDED REPORT

Anchor QEA, LLC	Project: **Grumman Road**	
6720 SW Macadam Ave. Suite 125	Project Number: **201114-05.01**	**Report ID:**
Portland, OR 97219	Project Manager: **Dimitri Vlassopoulos**	**A1D0469 - 05 14 21 0842**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GR-SSE-F2-8 (A1D0469-24RE3)				**Matrix: W**				
Batch: 1040587								
Arsenic	ND	25.0	50.0	ug/L	50	05/11/21 03:36	EPA 6020B	R-04
Iron	**4500**	1250	2500	ug/L	50	05/11/21 03:36	EPA 6020B	
Molybdenum	**40.2**	25.0	50.0	ug/L	50	05/11/21 03:36	EPA 6020B	**J, R-04**
GR-SSE-F2-9 (A1D0469-25RE3)				**Matrix: W**				
Batch: 1040587								
Arsenic	ND	25.0	50.0	ug/L	50	05/11/21 03:39	EPA 6020B	R-04
Iron	ND	1250	2500	ug/L	50	05/11/21 03:39	EPA 6020B	R-04
Molybdenum	**54.9**	25.0	50.0	ug/L	50	05/11/21 03:39	EPA 6020B	
GR-SSE-F2-10 (A1D0469-26RE3)				**Matrix: W**				
Batch: 1040587								
Arsenic	ND	25.0	50.0	ug/L	50	05/11/21 03:54	EPA 6020B	R-04
Iron	ND	1250	2500	ug/L	50	05/11/21 03:54	EPA 6020B	R-04
Molybdenum	**34.1**	25.0	50.0	ug/L	50	05/11/21 03:54	EPA 6020B	**J, R-04**
GR-SSE-F2-11 (A1D0469-27RE3)				**Matrix: W**				
Batch: 1040587								
Arsenic	**104**	25.0	50.0	ug/L	50	05/11/21 03:58	EPA 6020B	
Iron	**7410**	1250	2500	ug/L	50	05/11/21 03:58	EPA 6020B	
Molybdenum	**494**	25.0	50.0	ug/L	50	05/11/21 03:58	EPA 6020B	
GR-SSE-F2-12 (A1D0469-28RE3)				**Matrix: W**				
Batch: 1040587								
Arsenic	**452**	25.0	50.0	ug/L	50	05/11/21 04:01	EPA 6020B	
Iron	ND	1250	2500	ug/L	50	05/11/21 04:01	EPA 6020B	R-04
Molybdenum	**35.9**	25.0	50.0	ug/L	50	05/11/21 04:01	EPA 6020B	**J, R-04**
GR-SSE-F2-13 (A1D0469-29RE3)				**Matrix: W**				
Batch: 1040587								
Arsenic	**479**	25.0	50.0	ug/L	50	05/11/21 04:04	EPA 6020B	
Iron	ND	1250	2500	ug/L	50	05/11/21 04:04	EPA 6020B	R-04
Molybdenum	**182**	25.0	50.0	ug/L	50	05/11/21 04:04	EPA 6020B	

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Portland, OR 97219	Project Manager: **Dimitri Vlassopoulos**	**A1D0469 - 05 14 21 0842**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GR-SSE-F2-14 (A1D0469-30RE3)				**Matrix: W**				
Batch: 1040587								
Arsenic	**165**	25.0	50.0	ug/L	50	05/11/21 04:07	EPA 6020B	
Iron	**11000**	1250	2500	ug/L	50	05/11/21 04:07	EPA 6020B	
Molybdenum	**157**	25.0	50.0	ug/L	50	05/11/21 04:07	EPA 6020B	
GR-SSE-F2-15 (A1D0469-31RE3)				**Matrix: W**				
Batch: 1040587								
Arsenic	**1190**	25.0	50.0	ug/L	50	05/11/21 04:10	EPA 6020B	
Iron	ND	1250	2500	ug/L	50	05/11/21 04:10	EPA 6020B	R-04
Molybdenum	**96.2**	25.0	50.0	ug/L	50	05/11/21 04:10	EPA 6020B	
GR-SSE-F2-16 (A1D0469-32RE3)				**Matrix: W**				
Batch: 1040587								
Arsenic	**736**	25.0	50.0	ug/L	50	05/11/21 04:13	EPA 6020B	
Iron	**61400**	1250	2500	ug/L	50	05/11/21 04:13	EPA 6020B	
Molybdenum	**137**	25.0	50.0	ug/L	50	05/11/21 04:13	EPA 6020B	
GR-SSE-F3-1 (A1D0469-33RE2)				**Matrix: W**				
Batch: 1040587								
Arsenic	ND	2.50	5.00	ug/L	5	05/08/21 16:39	EPA 6020B	R-04
Iron	**1270**	125	250	ug/L	5	05/08/21 16:39	EPA 6020B	
Molybdenum	ND	2.50	5.00	ug/L	5	05/08/21 16:39	EPA 6020B	R-04
GR-SSE-F3-2 (A1D0469-34RE2)				**Matrix: W**				
Batch: 1040587								
Arsenic	ND	2.50	5.00	ug/L	5	05/08/21 16:43	EPA 6020B	R-04
Iron	**1310**	125	250	ug/L	5	05/08/21 16:43	EPA 6020B	
Molybdenum	ND	2.50	5.00	ug/L	5	05/08/21 16:43	EPA 6020B	R-04
GR-SSE-F3-3 (A1D0469-35RE2)				**Matrix: W**				
Batch: 1040587								
Arsenic	ND	2.50	5.00	ug/L	5	05/08/21 16:46	EPA 6020B	R-04
Iron	**370**	125	250	ug/L	5	05/08/21 16:46	EPA 6020B	
Molybdenum	ND	2.50	5.00	ug/L	5	05/08/21 16:46	EPA 6020B	R-04

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Portland, OR 97219	Project Manager: **Dimitri Vlassopoulos**	**A1D0469 - 05 14 21 0842**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GR-SSE-F3-4 (A1D0469-36RE2)				**Matrix: W**				
Batch: 1040587								
Arsenic	ND	2.50	5.00	ug/L	5	05/08/21 16:50	EPA 6020B	R-04
Iron	**3210**	125	250	ug/L	5	05/08/21 16:50	EPA 6020B	
Molybdenum	ND	2.50	5.00	ug/L	5	05/08/21 16:50	EPA 6020B	R-04
GR-SSE-F3-5 (A1D0469-37RE2)				**Matrix: W**				
Batch: 1040587								
Arsenic	ND	2.50	5.00	ug/L	5	05/08/21 16:53	EPA 6020B	R-04
Iron	**348**	125	250	ug/L	5	05/08/21 16:53	EPA 6020B	
Molybdenum	ND	2.50	5.00	ug/L	5	05/08/21 16:53	EPA 6020B	R-04
GR-SSE-F3-6 (A1D0469-38RE2)				**Matrix: W**				
Batch: 1040587								
Arsenic	ND	2.50	5.00	ug/L	5	05/08/21 16:57	EPA 6020B	R-04
Iron	**3340**	125	250	ug/L	5	05/08/21 16:57	EPA 6020B	
Molybdenum	ND	2.50	5.00	ug/L	5	05/08/21 16:57	EPA 6020B	R-04
GR-SSE-F3-7 (A1D0469-39RE2)				**Matrix: W**				
Batch: 1040587								
Arsenic	ND	2.50	5.00	ug/L	5	05/08/21 17:00	EPA 6020B	R-04
Iron	**311**	125	250	ug/L	5	05/08/21 17:00	EPA 6020B	
Molybdenum	ND	2.50	5.00	ug/L	5	05/08/21 17:00	EPA 6020B	R-04
GR-SSE-F3-8 (A1D0469-40RE2)				**Matrix: W**				
Batch: 1040587								
Arsenic	ND	2.50	5.00	ug/L	5	05/08/21 17:04	EPA 6020B	R-04
Iron	**3400**	125	250	ug/L	5	05/08/21 17:04	EPA 6020B	
Molybdenum	ND	2.50	5.00	ug/L	5	05/08/21 17:04	EPA 6020B	R-04
GR-SSE-F3-9 (A1D0469-41RE2)				**Matrix: W**				
Batch: 1040593								
Arsenic	ND	2.50	5.00	ug/L	5	05/08/21 17:07	EPA 6020B	R-04
Iron	**296**	125	250	ug/L	5	05/08/21 17:07	EPA 6020B	
Molybdenum	ND	2.50	5.00	ug/L	5	05/08/21 17:07	EPA 6020B	R-04

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Portland, OR 97219	Project Manager: **Dimitri Vlassopoulos**	**A1D0469 - 05 14 21 0842**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GR-SSE-F3-10 (A1D0469-42RE2)				**Matrix: W**				
Batch: 1040593								
Arsenic	ND	2.50	5.00	ug/L	5	05/08/21 17:11	EPA 6020B	R-04
Iron	ND	125	250	ug/L	5	05/08/21 17:11	EPA 6020B	R-04
Molybdenum	ND	2.50	5.00	ug/L	5	05/08/21 17:11	EPA 6020B	R-04
GR-SSE-F3-11 (A1D0469-43RE2)				**Matrix: W**				
Batch: 1040593								
Arsenic	**3.36**	2.50	5.00	ug/L	5	05/08/21 17:21	EPA 6020B	**J, R-04**
Iron	**12900**	125	250	ug/L	5	05/08/21 17:21	EPA 6020B	
Molybdenum	**10.6**	2.50	5.00	ug/L	5	05/08/21 17:21	EPA 6020B	
GR-SSE-F3-12 (A1D0469-44RE2)				**Matrix: W**				
Batch: 1040593								
Arsenic	**6.83**	2.50	5.00	ug/L	5	05/08/21 17:25	EPA 6020B	
Iron	**228**	125	250	ug/L	5	05/08/21 17:25	EPA 6020B	**J, R-04**
Molybdenum	ND	2.50	5.00	ug/L	5	05/08/21 17:25	EPA 6020B	R-04
GR-SSE-F3-13 (A1D0469-45RE2)				**Matrix: W**				
Batch: 1040593								
Arsenic	**11.7**	2.50	5.00	ug/L	5	05/08/21 17:28	EPA 6020B	
Iron	**330**	125	250	ug/L	5	05/08/21 17:28	EPA 6020B	
Molybdenum	ND	2.50	5.00	ug/L	5	05/08/21 17:28	EPA 6020B	R-04
GR-SSE-F3-14 (A1D0469-46RE2)				**Matrix: W**				
Batch: 1040593								
Arsenic	**2.71**	2.50	5.00	ug/L	5	05/08/21 17:32	EPA 6020B	**J, R-04**
Iron	**372**	125	250	ug/L	5	05/08/21 17:32	EPA 6020B	
Molybdenum	ND	2.50	5.00	ug/L	5	05/08/21 17:32	EPA 6020B	R-04
GR-SSE-F3-15 (A1D0469-47RE2)				**Matrix: W**				
Batch: 1040593								
Arsenic	**18.1**	2.50	5.00	ug/L	5	05/08/21 17:35	EPA 6020B	
Iron	**521**	125	250	ug/L	5	05/08/21 17:35	EPA 6020B	
Molybdenum	ND	2.50	5.00	ug/L	5	05/08/21 17:35	EPA 6020B	R-04

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ANALYTICAL REPORT

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6720 SW Macadam Ave. Suite 125	Project Number: **201114-05.01**	**Report ID:**
Portland, OR 97219	Project Manager: **Dimitri Vlassopoulos**	**A1D0469 - 05 14 21 0842**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GR-SSE-F3-16 (A1D0469-48RE1)				**Matrix: W**				
Batch: 1040593								
Arsenic	ND	50.0	100	ug/L	100	04/17/21 22:57	EPA 6020B	R-04
Molybdenum	ND	50.0	100	ug/L	100	04/17/21 22:57	EPA 6020B	R-04
GR-SSE-F4-1 (A1D0469-49RE2)				**Matrix: W**				
Batch: 1040593								
Arsenic	ND	5.00	10.0	ug/L	10	05/08/21 14:22	EPA 6020B	R-04
Iron	**7750**	250	500	ug/L	10	05/08/21 14:22	EPA 6020B	
Molybdenum	**17.9**	5.00	10.0	ug/L	10	05/08/21 14:22	EPA 6020B	
GR-SSE-F4-2 (A1D0469-50RE2)				**Matrix: W**				
Batch: 1040593								
Arsenic	**6.92**	5.00	10.0	ug/L	10	05/08/21 14:25	EPA 6020B	**J, R-04**
Iron	**15400**	250	500	ug/L	10	05/08/21 14:25	EPA 6020B	
Molybdenum	**8.45**	5.00	10.0	ug/L	10	05/08/21 14:25	EPA 6020B	**J, R-04**
GR-SSE-F4-3 (A1D0469-51RE2)				**Matrix: W**				
Batch: 1040593								
Arsenic	ND	5.00	10.0	ug/L	10	05/08/21 14:29	EPA 6020B	R-04
Iron	**1080**	250	500	ug/L	10	05/08/21 14:29	EPA 6020B	
Molybdenum	**5.61**	5.00	10.0	ug/L	10	05/08/21 14:29	EPA 6020B	**J, R-04**
GR-SSE-F4-4 (A1D0469-52RE2)				**Matrix: W**				
Batch: 1040593								
Arsenic	**24.9**	5.00	10.0	ug/L	10	05/08/21 14:32	EPA 6020B	
Iron	**58400**	250	500	ug/L	10	05/08/21 14:32	EPA 6020B	
Molybdenum	**21.0**	5.00	10.0	ug/L	10	05/08/21 14:32	EPA 6020B	
GR-SSE-F4-5 (A1D0469-53RE2)				**Matrix: W**				
Batch: 1040593								
Arsenic	ND	5.00	10.0	ug/L	10	05/08/21 14:36	EPA 6020B	R-04
Iron	**772**	250	500	ug/L	10	05/08/21 14:36	EPA 6020B	
Molybdenum	**5.31**	5.00	10.0	ug/L	10	05/08/21 14:36	EPA 6020B	**J, R-04**
GR-SSE-F4-6 (A1D0469-54RE2)				**Matrix: W**				
Batch: 1040593								

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Portland, OR 97219	Project Manager: **Dimitri Vlassopoulos**	**A1D0469 - 05 14 21 0842**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GR-SSE-F4-6 (A1D0469-54RE2)				**Matrix: W**				
Arsenic	**15.2**	5.00	10.0	ug/L	10	05/08/21 14:39	EPA 6020B	
Iron	**35600**	250	500	ug/L	10	05/08/21 14:39	EPA 6020B	
Molybdenum	**19.3**	5.00	10.0	ug/L	10	05/08/21 14:39	EPA 6020B	
GR-SSE-F4-7 (A1D0469-55RE2)				**Matrix: W**				
Batch: 1040593								
Arsenic	ND	5.00	10.0	ug/L	10	05/08/21 14:43	EPA 6020B	R-04
Iron	**1430**	250	500	ug/L	10	05/08/21 14:43	EPA 6020B	
Molybdenum	**11.6**	5.00	10.0	ug/L	10	05/08/21 14:43	EPA 6020B	
GR-SSE-F4-8 (A1D0469-56RE2)				**Matrix: W**				
Batch: 1040593								
Arsenic	**23.3**	5.00	10.0	ug/L	10	05/08/21 14:46	EPA 6020B	
Iron	**41800**	250	500	ug/L	10	05/08/21 14:46	EPA 6020B	
Molybdenum	**29.8**	5.00	10.0	ug/L	10	05/08/21 14:46	EPA 6020B	
GR-SSE-F4-9 (A1D0469-57RE2)				**Matrix: W**				
Batch: 1040593								
Arsenic	ND	5.00	10.0	ug/L	10	05/08/21 14:50	EPA 6020B	R-04
Iron	**1330**	250	500	ug/L	10	05/08/21 14:50	EPA 6020B	
Molybdenum	**11.4**	5.00	10.0	ug/L	10	05/08/21 14:50	EPA 6020B	
GR-SSE-F4-10 (A1D0469-58RE2)				**Matrix: W**				
Batch: 1040593								
Arsenic	ND	5.00	10.0	ug/L	10	05/08/21 15:00	EPA 6020B	R-04
Iron	ND	250	500	ug/L	10	05/08/21 15:00	EPA 6020B	R-04
Molybdenum	ND	5.00	10.0	ug/L	10	05/08/21 15:00	EPA 6020B	R-04
GR-SSE-F4-11 (A1D0469-59RE1)				**Matrix: W**				
Batch: 1040593								
Molybdenum	**1160**	50.0	100	ug/L	100	04/17/21 23:58	EPA 6020B	
GR-SSE-F4-11 (A1D0469-59RE2)				**Matrix: W**				
Batch: 1040593								
Arsenic	**125**	5.00	10.0	ug/L	10	05/08/21 15:04	EPA 6020B	

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ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GR-SSE-F4-11 (A1D0469-59RE2)				**Matrix: W**				
Iron	**462000**	250	500	ug/L	10	05/08/21 15:04	EPA 6020B	
GR-SSE-F4-12 (A1D0469-60RE2)				**Matrix: W**				
Batch: 1040593								
Arsenic	**7.57**	5.00	10.0	ug/L	10	05/08/21 15:08	EPA 6020B	**J, R-04**
Iron	**1110**	250	500	ug/L	10	05/08/21 15:08	EPA 6020B	
Molybdenum	**6.25**	5.00	10.0	ug/L	10	05/08/21 15:08	EPA 6020B	**J, R-04**
GR-SSE-F4-13 (A1D0469-61RE1)				**Matrix: W**				
Batch: 1040595								
Arsenic	ND	25.0	50.0	ug/L	50	04/18/21 00:07	EPA 6020B	R-04
Iron	ND	1250	2500	ug/L	50	04/18/21 00:07	EPA 6020B	R-04
Molybdenum	ND	25.0	50.0	ug/L	50	04/18/21 00:07	EPA 6020B	R-04
GR-SSE-F4-14 (A1D0469-62RE1)				**Matrix: W**				
Batch: 1040595								
Arsenic	**47.4**	25.0	50.0	ug/L	50	04/18/21 00:12	EPA 6020B	**J, R-04**
Iron	**68900**	1250	2500	ug/L	50	04/18/21 00:12	EPA 6020B	
Molybdenum	**73.0**	25.0	50.0	ug/L	50	04/18/21 00:12	EPA 6020B	
GR-SSE-F4-15 (A1D0469-63RE1)				**Matrix: W**				
Batch: 1040595								
Arsenic	**78.7**	25.0	50.0	ug/L	50	04/18/21 00:16	EPA 6020B	
Iron	**1570**	1250	2500	ug/L	50	04/18/21 00:16	EPA 6020B	**J, R-04**
Molybdenum	**126**	25.0	50.0	ug/L	50	04/18/21 00:16	EPA 6020B	
GR-SSE-F4-16 (A1D0469-64RE1)				**Matrix: W**				
Batch: 1040595								
Arsenic	**106**	25.0	50.0	ug/L	50	04/18/21 00:30	EPA 6020B	
Iron	**444000**	1250	2500	ug/L	50	04/18/21 00:30	EPA 6020B	
Molybdenum	**29.1**	25.0	50.0	ug/L	50	04/18/21 00:30	EPA 6020B	**J, R-04**
GR-SSE-F5-1 (A1D0469-65)				**Matrix: S**				
Batch: 1040576								
Iron	**1440**	26.7	53.3	mg/kg	10	04/16/21 17:48	EPA 6020B	

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Apex Laboratories, LLC
6700 S.W. Sandburg Street
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503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

AMENDED REPORT

Anchor QEA, LLC	Project: **Grumman Road**	
6720 SW Macadam Ave. Suite 125	Project Number: **201114-05.01**	**Report ID:**
Portland, OR 97219	Project Manager: **Dimitri Vlassopoulos**	**A1D0469 - 05 14 21 0842**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GR-SSE-F5-1 (A1D0469-65RE2)				**Matrix: S**				
Batch: 1040576								
Arsenic	ND	0.267	0.533	mg/kg	5	05/08/21 15:29	EPA 6020B	R-04
Molybdenum	**0.870**	0.267	0.533	mg/kg	5	05/08/21 15:29	EPA 6020B	
GR-SSE-F5-2 (A1D0469-66)				**Matrix: S**				
Batch: 1040576								
Iron	**420**	26.9	53.8	mg/kg	10	04/16/21 17:53	EPA 6020B	
GR-SSE-F5-2 (A1D0469-66RE2)				**Matrix: S**				
Batch: 1040576								
Arsenic	ND	0.269	0.538	mg/kg	5	05/08/21 15:33	EPA 6020B	R-04
Molybdenum	ND	0.269	0.538	mg/kg	5	05/08/21 15:33	EPA 6020B	R-04
GR-SSE-F5-3 (A1D0469-67)				**Matrix: S**				
Batch: 1040576								
Iron	**279**	27.0	54.0	mg/kg	10	04/16/21 17:57	EPA 6020B	
GR-SSE-F5-3 (A1D0469-67RE2)				**Matrix: S**				
Batch: 1040576								
Arsenic	ND	0.270	0.540	mg/kg	5	05/08/21 15:36	EPA 6020B	R-04
Molybdenum	ND	0.270	0.540	mg/kg	5	05/08/21 15:36	EPA 6020B	R-04
GR-SSE-F5-4 (A1D0469-68)				**Matrix: S**				
Batch: 1040576								
Iron	**330**	27.0	54.0	mg/kg	10	04/16/21 18:02	EPA 6020B	
GR-SSE-F5-4 (A1D0469-68RE2)				**Matrix: S**				
Batch: 1040576								
Arsenic	**0.349**	0.270	0.540	mg/kg	5	05/08/21 15:40	EPA 6020B	**J, R-04**
Molybdenum	**0.375**	0.270	0.540	mg/kg	5	05/08/21 15:40	EPA 6020B	**J, R-04**
GR-SSE-F5-5 (A1D0469-69)				**Matrix: S**				
Batch: 1040576								
Iron	**1210**	26.5	53.0	mg/kg	10	04/16/21 18:07	EPA 6020B	
GR-SSE-F5-5 (A1D0469-69RE2)				**Matrix: S**				

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ANALYTICAL REPORT

AMENDED REPORT

Anchor QEA, LLC	Project: **Grumman Road**	
6720 SW Macadam Ave. Suite 125	Project Number: **201114-05.01**	**Report ID:**
Portland, OR 97219	Project Manager: **Dimitri Vlassopoulos**	**A1D0469 - 05 14 21 0842**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GR-SSE-F5-5 (A1D0469-69RE2)				**Matrix: S**				
Batch: 1040576								
Arsenic	ND	0.265	0.530	mg/kg	5	05/08/21 15:43	EPA 6020B	R-04
Molybdenum	**1.34**	0.265	0.530	mg/kg	5	05/08/21 15:43	EPA 6020B	
GR-SSE-F5-6 (A1D0469-70)				**Matrix: S**				
Batch: 1040576								
Iron	**978**	26.7	53.3	mg/kg	10	04/16/21 18:11	EPA 6020B	
GR-SSE-F5-6 (A1D0469-70RE2)				**Matrix: S**				
Batch: 1040576								
Arsenic	**0.690**	0.267	0.533	mg/kg	5	05/08/21 15:47	EPA 6020B	
Molybdenum	**0.450**	0.267	0.533	mg/kg	5	05/08/21 15:47	EPA 6020B	**J, R-04**
GR-SSE-F5-7 (A1D0469-71)				**Matrix: S**				
Batch: 1040576								
Iron	**2970**	26.5	53.0	mg/kg	10	04/16/21 18:25	EPA 6020B	
GR-SSE-F5-7 (A1D0469-71RE2)				**Matrix: S**				
Batch: 1040576								
Arsenic	**0.362**	0.265	0.530	mg/kg	5	05/08/21 15:50	EPA 6020B	**J, R-04**
Molybdenum	**1.03**	0.265	0.530	mg/kg	5	05/08/21 15:50	EPA 6020B	
GR-SSE-F5-8 (A1D0469-72)				**Matrix: S**				
Batch: 1040576								
Iron	**1220**	27.0	54.0	mg/kg	10	04/16/21 18:30	EPA 6020B	
GR-SSE-F5-8 (A1D0469-72RE2)				**Matrix: S**				
Batch: 1040576								
Arsenic	**0.936**	0.270	0.540	mg/kg	5	05/08/21 15:54	EPA 6020B	
Molybdenum	**0.894**	0.270	0.540	mg/kg	5	05/08/21 15:54	EPA 6020B	
GR-SSE-F5-9 (A1D0469-73)				**Matrix: S**				
Batch: 1040576								
Iron	**1160**	26.0	52.0	mg/kg	10	04/16/21 18:34	EPA 6020B	
GR-SSE-F5-9 (A1D0469-73RE2)				**Matrix: S**				

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ANALYTICAL REPORT

AMENDED REPORT

Anchor QEA, LLC	Project: **Grumman Road**	
6720 SW Macadam Ave. Suite 125	Project Number: **201114-05.01**	**Report ID:**
Portland, OR 97219	Project Manager: **Dimitri Vlassopoulos**	**A1D0469 - 05 14 21 0842**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GR-SSE-F5-9 (A1D0469-73RE2)				**Matrix: S**				
Batch: 1040576								
Arsenic	ND	0.260	0.520	mg/kg	5	05/08/21 15:57	EPA 6020B	R-04
Molybdenum	**0.620**	0.260	0.520	mg/kg	5	05/08/21 15:57	EPA 6020B	
GR-SSE-F5-11 (A1D0469-74)				**Matrix: S**				
Batch: 1040576								
Iron	**300**	26.2	52.3	mg/kg	10	04/16/21 18:39	EPA 6020B	
GR-SSE-F5-11 (A1D0469-74RE2)				**Matrix: S**				
Batch: 1040576								
Arsenic	ND	0.262	0.523	mg/kg	5	05/08/21 16:01	EPA 6020B	R-04
Molybdenum	**3.02**	0.262	0.523	mg/kg	5	05/08/21 16:01	EPA 6020B	
GR-SSE-F5-12 (A1D0469-75)				**Matrix: S**				
Batch: 1040576								
Iron	**122**	24.9	49.7	mg/kg	10	04/16/21 18:44	EPA 6020B	
GR-SSE-F5-12 (A1D0469-75RE2)				**Matrix: S**				
Batch: 1040576								
Arsenic	ND	0.249	0.497	mg/kg	5	05/08/21 16:11	EPA 6020B	R-04
Molybdenum	ND	0.249	0.497	mg/kg	5	05/08/21 16:11	EPA 6020B	R-04
GR-SSE-F5-13 (A1D0469-76)				**Matrix: S**				
Batch: 1040576								
Iron	**548**	26.0	52.0	mg/kg	10	04/16/21 18:48	EPA 6020B	
GR-SSE-F5-13 (A1D0469-76RE2)				**Matrix: S**				
Batch: 1040576								
Arsenic	**0.536**	0.260	0.520	mg/kg	5	05/08/21 16:15	EPA 6020B	
Molybdenum	**1.22**	0.260	0.520	mg/kg	5	05/08/21 16:15	EPA 6020B	
GR-SSE-F5-14 (A1D0469-77)				**Matrix: S**				
Batch: 1040576								
Iron	**1390**	26.7	53.3	mg/kg	10	04/16/21 18:53	EPA 6020B	
GR-SSE-F5-14 (A1D0469-77RE2)				**Matrix: S**				

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ANALYTICAL REPORT

AMENDED REPORT

Anchor QEA, LLC	Project: **Grumman Road**	
6720 SW Macadam Ave. Suite 125	Project Number: **201114-05.01**	**Report ID:**
Portland, OR 97219	Project Manager: **Dimitri Vlassopoulos**	**A1D0469 - 05 14 21 0842**

ANALYTICAL SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
GR-SSE-F5-14 (A1D0469-77RE2)				**Matrix: S**				
Batch: 1040576								
Arsenic	**0.492**	0.267	0.533	mg/kg	5	05/08/21 16:18	EPA 6020B	**J, R-04**
Molybdenum	**0.927**	0.267	0.533	mg/kg	5	05/08/21 16:18	EPA 6020B	
GR-SSE-F5-15 (A1D0469-78)				**Matrix: S**				
Batch: 1040576								
Iron	**1490**	25.2	50.4	mg/kg	10	04/16/21 18:58	EPA 6020B	
GR-SSE-F5-15 (A1D0469-78RE2)				**Matrix: S**				
Batch: 1040576								
Arsenic	**3.63**	0.252	0.504	mg/kg	5	05/08/21 16:22	EPA 6020B	
Molybdenum	**5.07**	0.252	0.504	mg/kg	5	05/08/21 16:22	EPA 6020B	
GR-SSE-F5-16 (A1D0469-79)				**Matrix: S**				
Batch: 1040576								
Iron	**9010**	26.9	53.9	mg/kg	10	04/16/21 19:02	EPA 6020B	
GR-SSE-F5-16 (A1D0469-79RE2)				**Matrix: S**				
Batch: 1040576								
Arsenic	**4.62**	0.269	0.539	mg/kg	5	05/08/21 16:25	EPA 6020B	
Molybdenum	**1.64**	0.269	0.539	mg/kg	5	05/08/21 16:25	EPA 6020B	

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ANALYTICAL REPORT

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6720 SW Macadam Ave. Suite 125	Project Number: **201114-05.01**	**Report ID:**
Portland, OR 97219	Project Manager: **Dimitri Vlassopoulos**	**A1D0469 - 05 14 21 0842**

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1040573 - EPA 3015A							**Water**					
Blank (1040573-BLK1)			Prepared: 04/16/21 08:54		Analyzed: 04/16/21 12:34							
EPA 6020B												
Arsenic	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
Iron	ND	25.0	50.0	ug/L	1	---	---	---	---	---	---	
Molybdenum	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
LCS (1040573-BS1)			Prepared: 04/16/21 08:54		Analyzed: 04/16/21 12:44							
EPA 6020B												
Arsenic	52.8	0.500	1.00	ug/L	1	55.6	---	95	80-120%	---	---	
Iron	2770	25.0	50.0	ug/L	1	2780	---	100	80-120%	---	---	
Molybdenum	26.7	0.500	1.00	ug/L	1	27.8	---	96	80-120%	---	---	
LCS Dup (1040573-BSD1)			Prepared: 04/16/21 08:54		Analyzed: 04/16/21 12:39							
EPA 6020B												
Arsenic	52.3	0.500	1.00	ug/L	1	55.6	---	94	80-120%	0.9	20%	
Iron	2770	25.0	50.0	ug/L	1	2780	---	100	80-120%	0.3	20%	
Molybdenum	26.1	0.500	1.00	ug/L	1	27.8	---	94	80-120%	2	20%	
Batch 1040576 - EPA 3051A							**Solid**					
Blank (1040576-BLK3)			Prepared: 04/16/21 09:12		Analyzed: 05/08/21 15:12							
EPA 6020B												
Arsenic	ND	0.240	0.481	mg/kg	5	---	---	---	---	---	---	Q-16
Iron	ND	12.0	24.0	mg/kg	5	---	---	---	---	---	---	Q-16
Molybdenum	ND	0.240	0.481	mg/kg	5	---	---	---	---	---	---	Q-16
LCS (1040576-BS3)			Prepared: 04/16/21 09:12		Analyzed: 05/08/21 15:19							
EPA 6020B												
Arsenic	48.3	0.250	0.500	mg/kg	5	50.0	---	97	80-120%	---	---	Q-16
Iron	2480	12.5	25.0	mg/kg	5	2500	---	99	80-120%	---	---	Q-16
Molybdenum	25.0	0.250	0.500	mg/kg	5	25.0	---	100	80-120%	---	---	Q-16
LCS Dup (1040576-BSD3)			Prepared: 04/16/21 09:12		Analyzed: 05/08/21 15:15							
EPA 6020B												
Arsenic	47.1	0.250	0.500	mg/kg	5	50.0	---	94	80-120%	3	20%	Q-16

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ANALYTICAL REPORT

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Portland, OR 97219	Project Manager: **Dimitri Vlassopoulos**	**A1D0469 - 05 14 21 0842**

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1040576 - EPA 3051A							**Solid**					
LCS Dup (1040576-BSD3)			Prepared: 04/16/21 09:12		Analyzed: 05/08/21 15:15							
Iron	2380	12.5	25.0	mg/kg	5	2500	---	95	80-120%	4	20%	Q-16
Molybdenum	24.1	0.250	0.500	mg/kg	5	25.0	---	96	80-120%	4	20%	Q-16

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ANALYTICAL REPORT

AMENDED REPORT

Anchor QEA, LLC	Project: **Grumman Road**	
6720 SW Macadam Ave. Suite 125	Project Number: **201114-05.01**	**Report ID:**
Portland, OR 97219	Project Manager: **Dimitri Vlassopoulos**	**A1D0469 - 05 14 21 0842**

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1040587 - EPA 3015A							**Water**					
Blank (1040587-BLK1)			Prepared: 04/16/21 10:39		Analyzed: 04/17/21 13:52							
EPA 6020B												
Arsenic	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
Iron	ND	25.0	50.0	ug/L	1	---	---	---	---	---	---	
Molybdenum	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
LCS (1040587-BS1)			Prepared: 04/16/21 10:39		Analyzed: 04/17/21 14:01							
EPA 6020B												
Arsenic	52.3	0.500	1.00	ug/L	1	55.6	---	94	80-120%	---	---	
Iron	2760	25.0	50.0	ug/L	1	2780	---	99	80-120%	---	---	
Molybdenum	27.3	0.500	1.00	ug/L	1	27.8	---	98	80-120%	---	---	
LCS Dup (1040587-BSD1)			Prepared: 04/16/21 10:39		Analyzed: 04/17/21 13:57							
EPA 6020B												
Arsenic	52.1	0.500	1.00	ug/L	1	55.6	---	94	80-120%	0.4	20%	
Iron	2740	25.0	50.0	ug/L	1	2780	---	98	80-120%	0.9	20%	
Molybdenum	26.9	0.500	1.00	ug/L	1	27.8	---	97	80-120%	1	20%	

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ANALYTICAL REPORT

AMENDED REPORT

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6720 SW Macadam Ave. Suite 125	Project Number: **201114-05.01**	**Report ID:**
Portland, OR 97219	Project Manager: **Dimitri Vlassopoulos**	**A1D0469 - 05 14 21 0842**

QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1040593 - EPA 3015A							**Water**					
Blank (1040593-BLK1)			Prepared: 04/16/21 11:55		Analyzed: 04/17/21 14:15							
EPA 6020B												
Arsenic	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
Iron	ND	25.0	50.0	ug/L	1	---	---	---	---	---	---	
Molybdenum	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
LCS (1040593-BS1)			Prepared: 04/16/21 11:55		Analyzed: 04/17/21 14:25							
EPA 6020B												
Arsenic	52.0	0.500	1.00	ug/L	1	55.6	---	94	80-120%	---	---	
Iron	2750	25.0	50.0	ug/L	1	2780	---	99	80-120%	---	---	
Molybdenum	26.9	0.500	1.00	ug/L	1	27.8	---	97	80-120%	---	---	
LCS Dup (1040593-BSD1)			Prepared: 04/16/21 11:55		Analyzed: 04/17/21 14:20							
EPA 6020B												
Arsenic	52.8	0.500	1.00	ug/L	1	55.6	---	95	80-120%	1	20%	
Iron	2790	25.0	50.0	ug/L	1	2780	---	100	80-120%	1	20%	
Molybdenum	27.6	0.500	1.00	ug/L	1	27.8	---	99	80-120%	2	20%	

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QUALITY CONTROL (QC) SAMPLE RESULTS

Total Metals by EPA 6020B (ICPMS)

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 1040595 - EPA 3015A							**Water**					
Blank (1040595-BLK1)			Prepared: 04/16/21 12:57		Analyzed: 04/17/21 13:38							
EPA 6020B												
Arsenic	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
Iron	ND	25.0	50.0	ug/L	1	---	---	---	---	---	---	
Molybdenum	ND	0.500	1.00	ug/L	1	---	---	---	---	---	---	
LCS (1040595-BS1)			Prepared: 04/16/21 12:57		Analyzed: 04/17/21 13:47							
EPA 6020B												
Arsenic	52.0	0.500	1.00	ug/L	1	55.6	---	94	80-120%	---	---	
Iron	2660	25.0	50.0	ug/L	1	2780	---	96	80-120%	---	---	
Molybdenum	26.6	0.500	1.00	ug/L	1	27.8	---	96	80-120%	---	---	
LCS Dup (1040595-BSD1)			Prepared: 04/16/21 12:57		Analyzed: 04/17/21 13:42							
EPA 6020B												
Arsenic	51.5	0.500	1.00	ug/L	1	55.6	---	93	80-120%	1	20%	
Iron	2650	25.0	50.0	ug/L	1	2780	---	95	80-120%	0.4	20%	
Molybdenum	26.6	0.500	1.00	ug/L	1	27.8	---	96	80-120%	0.04	20%	

Apex Laboratories

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Darwin Thomas, Business Development Director

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

AMENDED REPORT

Anchor QEA, LLC	Project: **Grumman Road**	
6720 SW Macadam Ave. Suite 125	Project Number: **201114-05.01**	**Report ID:**
Portland, OR 97219	Project Manager: **Dimitri Vlassopoulos**	**A1D0469 - 05 14 21 0842**

SAMPLE PREPARATION INFORMATION

Total Metals by EPA 6020B (ICPMS)

Prep: EPA 3015A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 1040573							
A1D0469-01	W	EPA 6020B	04/06/21 10:00	04/16/21 08:54	45mL/50mL	45mL/50mL	1.00
A1D0469-01RE3	W	EPA 6020B	04/06/21 10:00	04/16/21 08:54	45mL/50mL	45mL/50mL	1.00
A1D0469-02RE3	W	EPA 6020B	04/06/21 10:05	04/16/21 08:54	45mL/50mL	45mL/50mL	1.00
A1D0469-03RE3	W	EPA 6020B	04/06/21 10:10	04/16/21 08:54	45mL/50mL	45mL/50mL	1.00
A1D0469-04RE3	W	EPA 6020B	04/06/21 10:15	04/16/21 08:54	45mL/50mL	45mL/50mL	1.00
A1D0469-05RE3	W	EPA 6020B	04/06/21 10:20	04/16/21 08:54	45mL/50mL	45mL/50mL	1.00
A1D0469-06RE3	W	EPA 6020B	04/06/21 10:25	04/16/21 08:54	45mL/50mL	45mL/50mL	1.00
A1D0469-07RE3	W	EPA 6020B	04/06/21 10:30	04/16/21 08:54	45mL/50mL	45mL/50mL	1.00
A1D0469-08RE3	W	EPA 6020B	04/06/21 10:35	04/16/21 08:54	45mL/50mL	45mL/50mL	1.00
A1D0469-09RE3	W	EPA 6020B	04/06/21 10:40	04/16/21 08:54	45mL/50mL	45mL/50mL	1.00
A1D0469-10RE3	W	EPA 6020B	04/06/21 10:45	04/16/21 08:54	45mL/50mL	45mL/50mL	1.00
A1D0469-11RE3	W	EPA 6020B	04/06/21 10:50	04/16/21 08:54	45mL/50mL	45mL/50mL	1.00
A1D0469-12RE3	W	EPA 6020B	04/06/21 10:55	04/16/21 08:54	45mL/50mL	45mL/50mL	1.00
A1D0469-13RE3	W	EPA 6020B	04/06/21 11:00	04/16/21 08:54	45mL/50mL	45mL/50mL	1.00
A1D0469-14RE3	W	EPA 6020B	04/06/21 11:05	04/16/21 08:54	45mL/50mL	45mL/50mL	1.00
A1D0469-15RE3	W	EPA 6020B	04/06/21 11:10	04/16/21 08:54	45mL/50mL	45mL/50mL	1.00
A1D0469-16RE3	W	EPA 6020B	04/06/21 11:15	04/16/21 08:54	45mL/50mL	45mL/50mL	1.00
A1D0469-17RE3	W	EPA 6020B	04/07/21 10:00	04/16/21 08:54	45mL/50mL	45mL/50mL	1.00
A1D0469-18RE3	W	EPA 6020B	04/08/21 10:05	04/16/21 08:54	45mL/50mL	45mL/50mL	1.00
A1D0469-19RE3	W	EPA 6020B	04/09/21 10:10	04/16/21 08:54	45mL/50mL	45mL/50mL	1.00
A1D0469-20RE3	W	EPA 6020B	04/10/21 10:15	04/16/21 08:54	45mL/50mL	45mL/50mL	1.00
Batch: 1040587							
A1D0469-21RE3	W	EPA 6020B	04/07/21 10:20	04/16/21 10:39	45mL/50mL	45mL/50mL	1.00
A1D0469-22RE3	W	EPA 6020B	04/07/21 10:25	04/16/21 10:39	45mL/50mL	45mL/50mL	1.00
A1D0469-23RE3	W	EPA 6020B	04/07/21 10:30	04/16/21 10:39	45mL/50mL	45mL/50mL	1.00
A1D0469-24RE3	W	EPA 6020B	04/07/21 10:35	04/16/21 10:39	45mL/50mL	45mL/50mL	1.00
A1D0469-25RE3	W	EPA 6020B	04/07/21 10:40	04/16/21 10:39	45mL/50mL	45mL/50mL	1.00
A1D0469-26RE3	W	EPA 6020B	04/07/21 10:45	04/16/21 10:39	45mL/50mL	45mL/50mL	1.00
A1D0469-27RE3	W	EPA 6020B	04/07/21 10:50	04/16/21 10:39	45mL/50mL	45mL/50mL	1.00
A1D0469-28RE3	W	EPA 6020B	04/07/21 10:55	04/16/21 10:39	45mL/50mL	45mL/50mL	1.00
A1D0469-29RE3	W	EPA 6020B	04/07/21 11:00	04/16/21 10:39	45mL/50mL	45mL/50mL	1.00
A1D0469-30RE3	W	EPA 6020B	04/07/21 11:05	04/16/21 10:39	45mL/50mL	45mL/50mL	1.00
A1D0469-31RE3	W	EPA 6020B	04/07/21 11:10	04/16/21 10:39	45mL/50mL	45mL/50mL	1.00
A1D0469-32RE3	W	EPA 6020B	04/07/21 11:15	04/16/21 10:39	45mL/50mL	45mL/50mL	1.00
A1D0469-33RE2	W	EPA 6020B	04/08/21 10:00	04/16/21 10:39	45mL/50mL	45mL/50mL	1.00
A1D0469-34RE2	W	EPA 6020B	04/08/21 10:05	04/16/21 10:39	45mL/50mL	45mL/50mL	1.00

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Darwin Thomas, Business Development Director

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503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

AMENDED REPORT

Anchor QEA, LLC	Project: **Grumman Road**	
6720 SW Macadam Ave. Suite 125	Project Number: **201114-05.01**	**Report ID:**
Portland, OR 97219	Project Manager: **Dimitri Vlassopoulos**	**A1D0469 - 05 14 21 0842**

SAMPLE PREPARATION INFORMATION

Total Metals by EPA 6020B (ICPMS)

Prep: EPA 3015A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
A1D0469-35RE2	W	EPA 6020B	04/08/21 10:10	04/16/21 10:39	45mL/50mL	45mL/50mL	1.00
A1D0469-36RE2	W	EPA 6020B	04/08/21 10:15	04/16/21 10:39	45mL/50mL	45mL/50mL	1.00
A1D0469-37RE2	W	EPA 6020B	04/08/21 10:20	04/16/21 10:39	45mL/50mL	45mL/50mL	1.00
A1D0469-38RE2	W	EPA 6020B	04/08/21 10:25	04/16/21 10:39	45mL/50mL	45mL/50mL	1.00
A1D0469-39RE2	W	EPA 6020B	04/08/21 10:30	04/16/21 10:39	45mL/50mL	45mL/50mL	1.00
A1D0469-40RE2	W	EPA 6020B	04/08/21 10:35	04/16/21 10:39	45mL/50mL	45mL/50mL	1.00
Batch: 1040593							
A1D0469-41RE2	W	EPA 6020B	04/08/21 10:40	04/16/21 11:55	45mL/50mL	45mL/50mL	1.00
A1D0469-42RE2	W	EPA 6020B	04/08/21 10:45	04/16/21 11:55	45mL/50mL	45mL/50mL	1.00
A1D0469-43RE2	W	EPA 6020B	04/08/21 10:50	04/16/21 11:55	45mL/50mL	45mL/50mL	1.00
A1D0469-44RE2	W	EPA 6020B	04/08/21 10:55	04/16/21 11:55	45mL/50mL	45mL/50mL	1.00
A1D0469-45RE2	W	EPA 6020B	04/08/21 11:00	04/16/21 11:55	45mL/50mL	45mL/50mL	1.00
A1D0469-46RE2	W	EPA 6020B	04/08/21 11:05	04/16/21 11:55	45mL/50mL	45mL/50mL	1.00
A1D0469-47RE2	W	EPA 6020B	04/08/21 11:10	04/16/21 11:55	45mL/50mL	45mL/50mL	1.00
A1D0469-48RE1	W	EPA 6020B	04/08/21 11:15	04/16/21 11:55	45mL/50mL	45mL/50mL	1.00
A1D0469-49RE2	W	EPA 6020B	04/09/21 10:00	04/16/21 11:55	45mL/50mL	45mL/50mL	1.00
A1D0469-50RE2	W	EPA 6020B	04/09/21 10:05	04/16/21 11:55	45mL/50mL	45mL/50mL	1.00
A1D0469-51RE2	W	EPA 6020B	04/09/21 10:10	04/16/21 11:55	45mL/50mL	45mL/50mL	1.00
A1D0469-52RE2	W	EPA 6020B	04/09/21 10:15	04/16/21 11:55	45mL/50mL	45mL/50mL	1.00
A1D0469-53RE2	W	EPA 6020B	04/09/21 10:20	04/16/21 11:55	45mL/50mL	45mL/50mL	1.00
A1D0469-54RE2	W	EPA 6020B	04/09/21 10:25	04/16/21 11:55	45mL/50mL	45mL/50mL	1.00
A1D0469-55RE2	W	EPA 6020B	04/09/21 10:30	04/16/21 11:55	45mL/50mL	45mL/50mL	1.00
A1D0469-56RE2	W	EPA 6020B	04/09/21 10:35	04/16/21 11:55	45mL/50mL	45mL/50mL	1.00
A1D0469-57RE2	W	EPA 6020B	04/09/21 10:40	04/16/21 11:55	45mL/50mL	45mL/50mL	1.00
A1D0469-58RE2	W	EPA 6020B	04/09/21 10:45	04/16/21 11:55	45mL/50mL	45mL/50mL	1.00
A1D0469-59RE1	W	EPA 6020B	04/09/21 10:50	04/16/21 11:55	45mL/50mL	45mL/50mL	1.00
A1D0469-59RE2	W	EPA 6020B	04/09/21 10:50	04/16/21 11:55	45mL/50mL	45mL/50mL	1.00
A1D0469-60RE2	W	EPA 6020B	04/09/21 10:55	04/16/21 11:55	45mL/50mL	45mL/50mL	1.00
Batch: 1040595							
A1D0469-61RE1	W	EPA 6020B	04/09/21 11:00	04/16/21 12:57	45mL/50mL	45mL/50mL	1.00
A1D0469-62RE1	W	EPA 6020B	04/09/21 11:05	04/16/21 12:57	45mL/50mL	45mL/50mL	1.00
A1D0469-63RE1	W	EPA 6020B	04/09/21 11:10	04/16/21 12:57	45mL/50mL	45mL/50mL	1.00
A1D0469-64RE1	W	EPA 6020B	04/09/21 11:15	04/16/21 12:57	45mL/50mL	45mL/50mL	1.00

Prep: EPA 3051A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor

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Darwin Thomas, Business Development Director

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ORELAP ID: **OR100062**

ANALYTICAL REPORT

AMENDED REPORT

Anchor QEA, LLC	Project: **Grumman Road**	
6720 SW Macadam Ave. Suite 125	Project Number: **201114-05.01**	**Report ID:**
Portland, OR 97219	Project Manager: **Dimitri Vlassopoulos**	**A1D0469 - 05 14 21 0842**

SAMPLE PREPARATION INFORMATION

Total Metals by EPA 6020B (ICPMS)

Prep: EPA 3051A

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 1040576							
A1D0469-65	S	EPA 6020B	04/12/21 10:00	04/16/21 09:12	0.469g/50mL	0.5g/50mL	1.07
A1D0469-65RE2	S	EPA 6020B	04/12/21 10:00	04/16/21 09:12	0.469g/50mL	0.5g/50mL	1.07
A1D0469-66	S	EPA 6020B	04/12/21 10:05	04/16/21 09:12	0.465g/50mL	0.5g/50mL	1.08
A1D0469-66RE2	S	EPA 6020B	04/12/21 10:05	04/16/21 09:12	0.465g/50mL	0.5g/50mL	1.08
A1D0469-67	S	EPA 6020B	04/12/21 10:10	04/16/21 09:12	0.463g/50mL	0.5g/50mL	1.08
A1D0469-67RE2	S	EPA 6020B	04/12/21 10:10	04/16/21 09:12	0.463g/50mL	0.5g/50mL	1.08
A1D0469-68	S	EPA 6020B	04/12/21 10:15	04/16/21 09:12	0.463g/50mL	0.5g/50mL	1.08
A1D0469-68RE2	S	EPA 6020B	04/12/21 10:15	04/16/21 09:12	0.463g/50mL	0.5g/50mL	1.08
A1D0469-69	S	EPA 6020B	04/12/21 10:20	04/16/21 09:12	0.472g/50mL	0.5g/50mL	1.06
A1D0469-69RE2	S	EPA 6020B	04/12/21 10:20	04/16/21 09:12	0.472g/50mL	0.5g/50mL	1.06
A1D0469-70	S	EPA 6020B	04/12/21 10:25	04/16/21 09:12	0.469g/50mL	0.5g/50mL	1.07
A1D0469-70RE2	S	EPA 6020B	04/12/21 10:25	04/16/21 09:12	0.469g/50mL	0.5g/50mL	1.07
A1D0469-71	S	EPA 6020B	04/12/21 10:30	04/16/21 09:12	0.472g/50mL	0.5g/50mL	1.06
A1D0469-71RE2	S	EPA 6020B	04/12/21 10:30	04/16/21 09:12	0.472g/50mL	0.5g/50mL	1.06
A1D0469-72	S	EPA 6020B	04/12/21 10:35	04/16/21 09:12	0.463g/50mL	0.5g/50mL	1.08
A1D0469-72RE2	S	EPA 6020B	04/12/21 10:35	04/16/21 09:12	0.463g/50mL	0.5g/50mL	1.08
A1D0469-73	S	EPA 6020B	04/12/21 10:40	04/16/21 09:12	0.481g/50mL	0.5g/50mL	1.04
A1D0469-73RE2	S	EPA 6020B	04/12/21 10:40	04/16/21 09:12	0.481g/50mL	0.5g/50mL	1.04
A1D0469-74	S	EPA 6020B	04/12/21 10:50	04/16/21 09:12	0.478g/50mL	0.5g/50mL	1.05
A1D0469-74RE2	S	EPA 6020B	04/12/21 10:50	04/16/21 09:12	0.478g/50mL	0.5g/50mL	1.05
A1D0469-75	S	EPA 6020B	04/12/21 10:55	04/16/21 09:12	0.503g/50mL	0.5g/50mL	0.99
A1D0469-75RE2	S	EPA 6020B	04/12/21 10:55	04/16/21 09:12	0.503g/50mL	0.5g/50mL	0.99
A1D0469-76	S	EPA 6020B	04/12/21 11:00	04/16/21 09:12	0.481g/50mL	0.5g/50mL	1.04
A1D0469-76RE2	S	EPA 6020B	04/12/21 11:00	04/16/21 09:12	0.481g/50mL	0.5g/50mL	1.04
A1D0469-77	S	EPA 6020B	04/12/21 11:05	04/16/21 09:12	0.469g/50mL	0.5g/50mL	1.07
A1D0469-77RE2	S	EPA 6020B	04/12/21 11:05	04/16/21 09:12	0.469g/50mL	0.5g/50mL	1.07
A1D0469-78	S	EPA 6020B	04/12/21 11:10	04/16/21 09:12	0.496g/50mL	0.5g/50mL	1.01
A1D0469-78RE2	S	EPA 6020B	04/12/21 11:10	04/16/21 09:12	0.496g/50mL	0.5g/50mL	1.01
A1D0469-79	S	EPA 6020B	04/12/21 11:15	04/16/21 09:12	0.464g/50mL	0.5g/50mL	1.08
A1D0469-79RE2	S	EPA 6020B	04/12/21 11:15	04/16/21 09:12	0.464g/50mL	0.5g/50mL	1.08

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ORELAP ID: **OR100062**

ANALYTICAL REPORT

AMENDED REPORT

Anchor QEA, LLC	Project: **Grumman Road**	
6720 SW Macadam Ave. Suite 125	Project Number: **201114-05.01**	**Report ID:**
Portland, OR 97219	Project Manager: **Dimitri Vlassopoulos**	**A1D0469 - 05 14 21 0842**

QUALIFIER DEFINITIONS

Client Sample and Quality Control (QC) Sample Qualifier Definitions:

Apex Laboratories

A-01	Results reported with high bias Internal standards failures due to matrix.
J	Estimated Result. Result detected below the lowest point of the calibration curve, but above the specified MDL.
Q-16	Reanalysis of an original Batch QC sample.
R-04	Reporting levels elevated due to preparation and/or analytical dilution necessary for analysis.

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ANALYTICAL REPORT

AMENDED REPORT

Anchor QEA, LLC	Project: **Grumman Road**	
6720 SW Macadam Ave. Suite 125	Project Number: **201114-05.01**	**Report ID:**
Portland, OR 97219	Project Manager: **Dimitri Vlassopoulos**	**A1D0469 - 05 14 21 0842**

REPORTING NOTES AND CONVENTIONS:

Abbreviations:

DET Analyte DETECTED at or above the detection or reporting limit.

ND Analyte NOT DETECTED at or above the detection or reporting limit.

NR Result Not Reported

RPD Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

Detection Limits: Limit of Detection (LOD)

Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).
If no value is listed ('-----'), then the data has not been evaluated below the Reporting Limit.

Reporting Limits: Limit of Quantitation (LOQ)

Validated Limits of Quantitation (LOQs) are reported as the Reporting Limits for all analyses where the LOQ, MRL, PQL or CRL are requested. The LOQ represents a level at or above the low point of the calibration curve, that has been validated according to Apex Laboratories' comprehensive LOQ policies and procedures.

Reporting Conventions:

Basis: Results for soil samples are generally reported on a 100% dry weight basis.
The Result Basis is listed following the units as " dry", " wet", or " " (blank) designation.

" dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")
See Percent Solids section for details of dry weight analysis.

" wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.

" " Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

QC Source:

In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) may be analyzed to demonstrate accuracy and precision of the extraction batch.

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) may not be included in this report. Please request a Full QC report if this data is required.

Miscellaneous Notes:

" --- " QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.

" *** " Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to ½ the Reporting Limit (RL).
-For Blank hits falling between ½ the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier.
-For Blank hits above the RL, the associated sample and QC data will receive a 'B' qualifier, per Apex Laboratories' Blank Policy.
For further details, please request a copy of this document.

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6720 SW Macadam Ave. Suite 125	Project Number: **201114-05.01**	**Report ID:**
Portland, OR 97219	Project Manager: **Dimitri Vlassopoulos**	**A1D0469 - 05 14 21 0842**

REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the sample results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses.

'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

Water samples containing significant amounts of sediment are decanted or separated prior to extraction, and only the water portion analyzed, unless otherwise directed by the client.

Soil and Sediment Samples:

Soil and Sediment samples containing significant amounts of water are decanted prior to extraction, and only the solid portion analyzed, unless otherwise directed by the client.

Sampling and Preservation Notes:

Certain regulatory programs, such as National Pollutant Discharge Elimination System (NPDES), require that activities such as sample filtration (for dissolved metals, orthophosphate, hexavalent chromium, etc.) and testing of short hold analytes (pH, Dissolved Oxygen, etc.) be performed in the field (on-site) within a short time window. In addition, sample matrix spikes are required for some analyses, and sufficient volume must be provided, and billable site specific QC requested, if this is required. All regulatory permits should be reviewed to ensure that these requirements are being met.

Data users should be aware of which regulations pertain to the samples they submit for testing. If related sample collection activities are not approved for a particular regulatory program, results should be considered estimates. Apex Laboratories will qualify these analytes according to the most stringent requirements, however results for samples that are for non-regulatory purposes may be acceptable.

Samples that have been filtered and preserved at Apex Laboratories per client request are listed in the preparation section of the report with the date and time of filtration listed.

Apex Laboratories maintains detailed records on sample receipt, including client label verification, cooler temperature, sample preservation, hold time compliance and field filtration. Data is qualified as necessary, and the lack of qualification indicates compliance with required parameters.

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

AMENDED REPORT

Anchor QEA, LLC	Project: **Grumman Road**	
6720 SW Macadam Ave. Suite 125	Project Number: **201114-05.01**	**Report ID:**
Portland, OR 97219	Project Manager: **Dimitri Vlassopoulos**	**A1D0469 - 05 14 21 0842**

LABORATORY ACCREDITATION INFORMATION

ORELAP Certification ID: OR100062 (Primary Accreditation) -
EPA ID: OR01039

All methods and analytes reported from work performed at Apex Laboratories are included on Apex Laboratories' ORELAP Scope of Certification, with the exception of any analyte(s) listed below:

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation

All reported analytes are included in Apex Laboratories' current ORELAP scope.

Secondary Accreditations

Apex Laboratories also maintains reciprocal accreditation with non-TNI states (Washington DOE), as well as other state specific accreditations not listed here.

Subcontract Laboratory Accreditations

Subcontracted data falls outside of Apex Laboratories' Scope of Accreditation.
Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

Field Testing Parameters

Results for Field Tested data are provded by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

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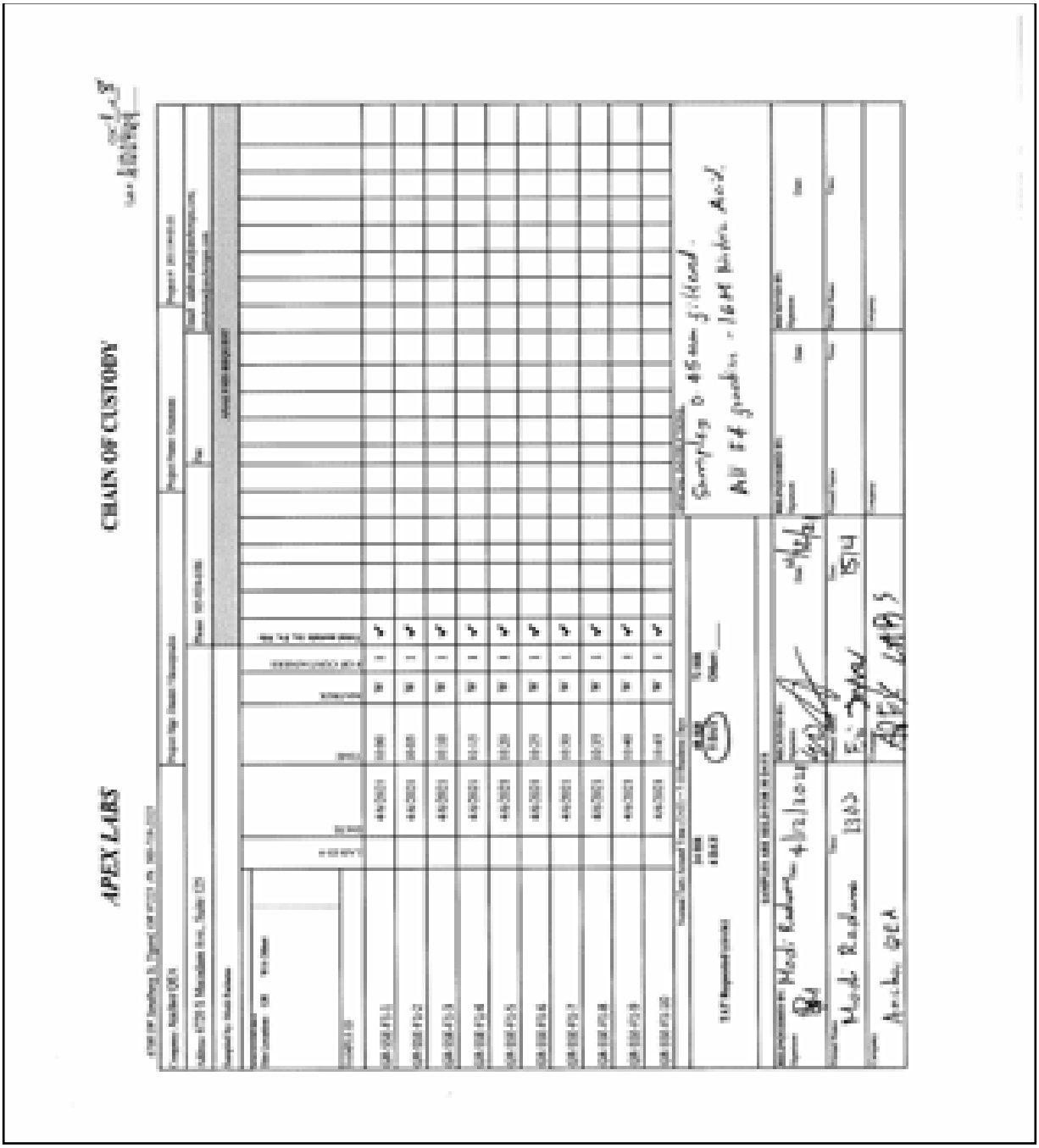

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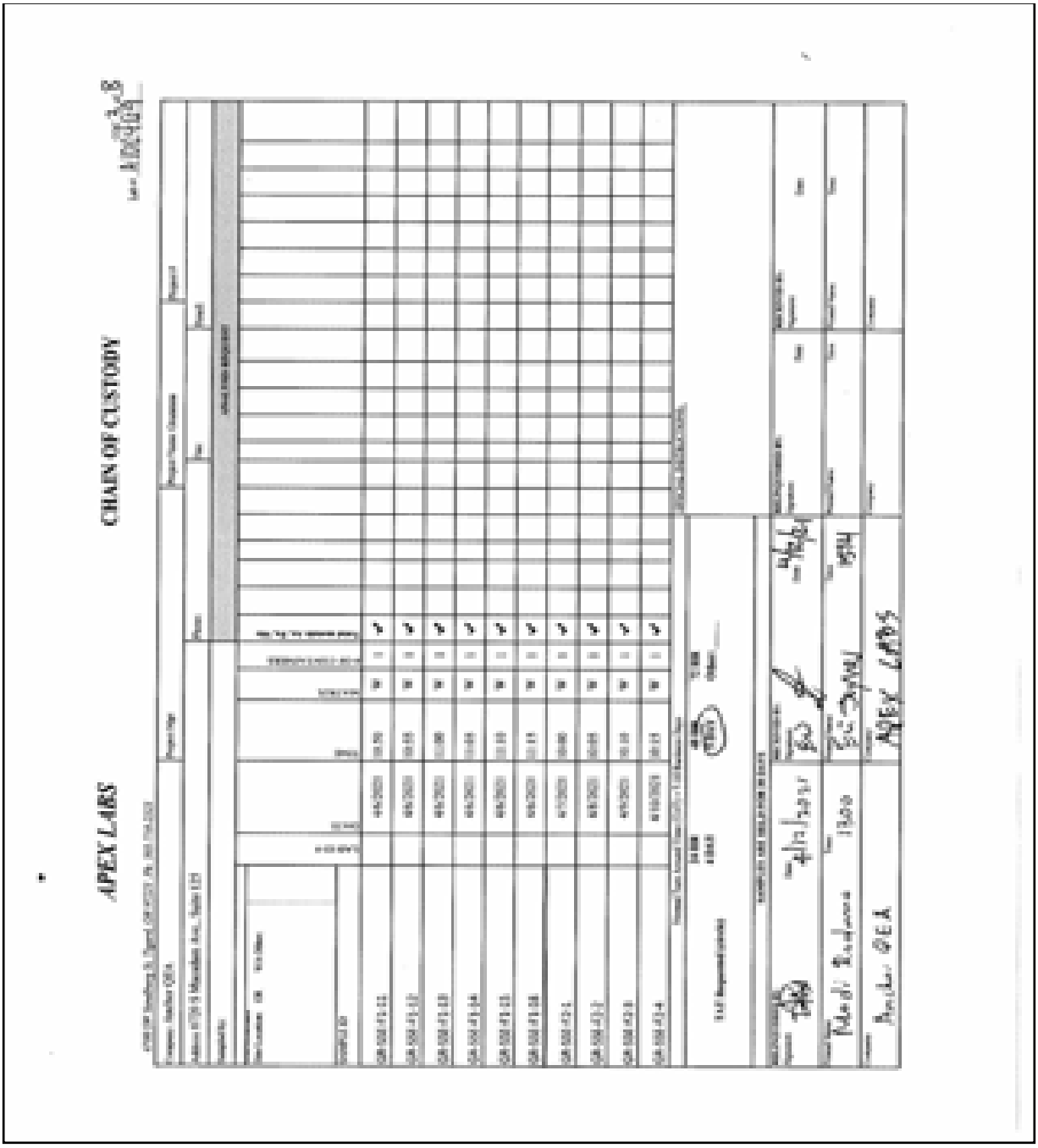

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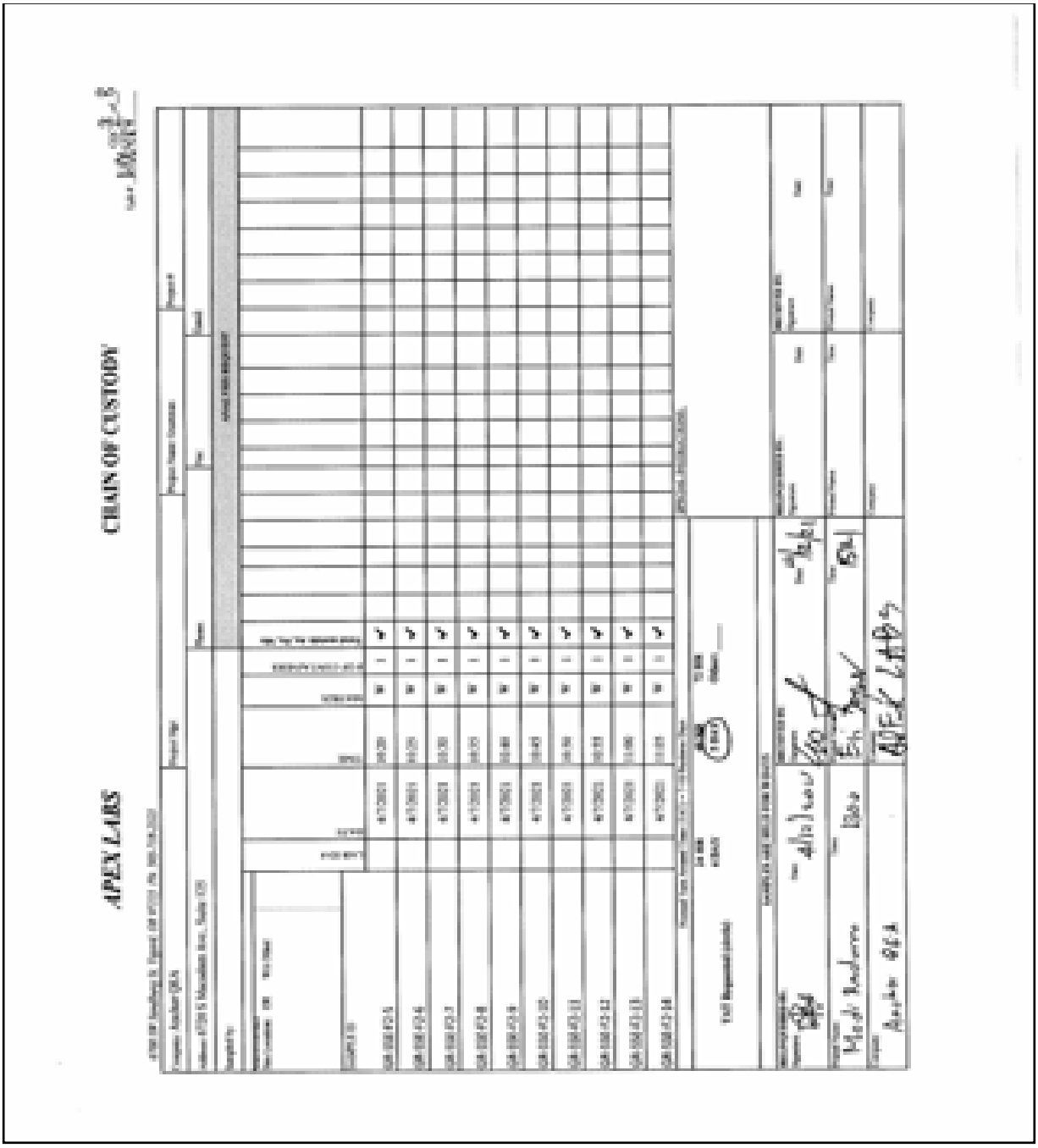

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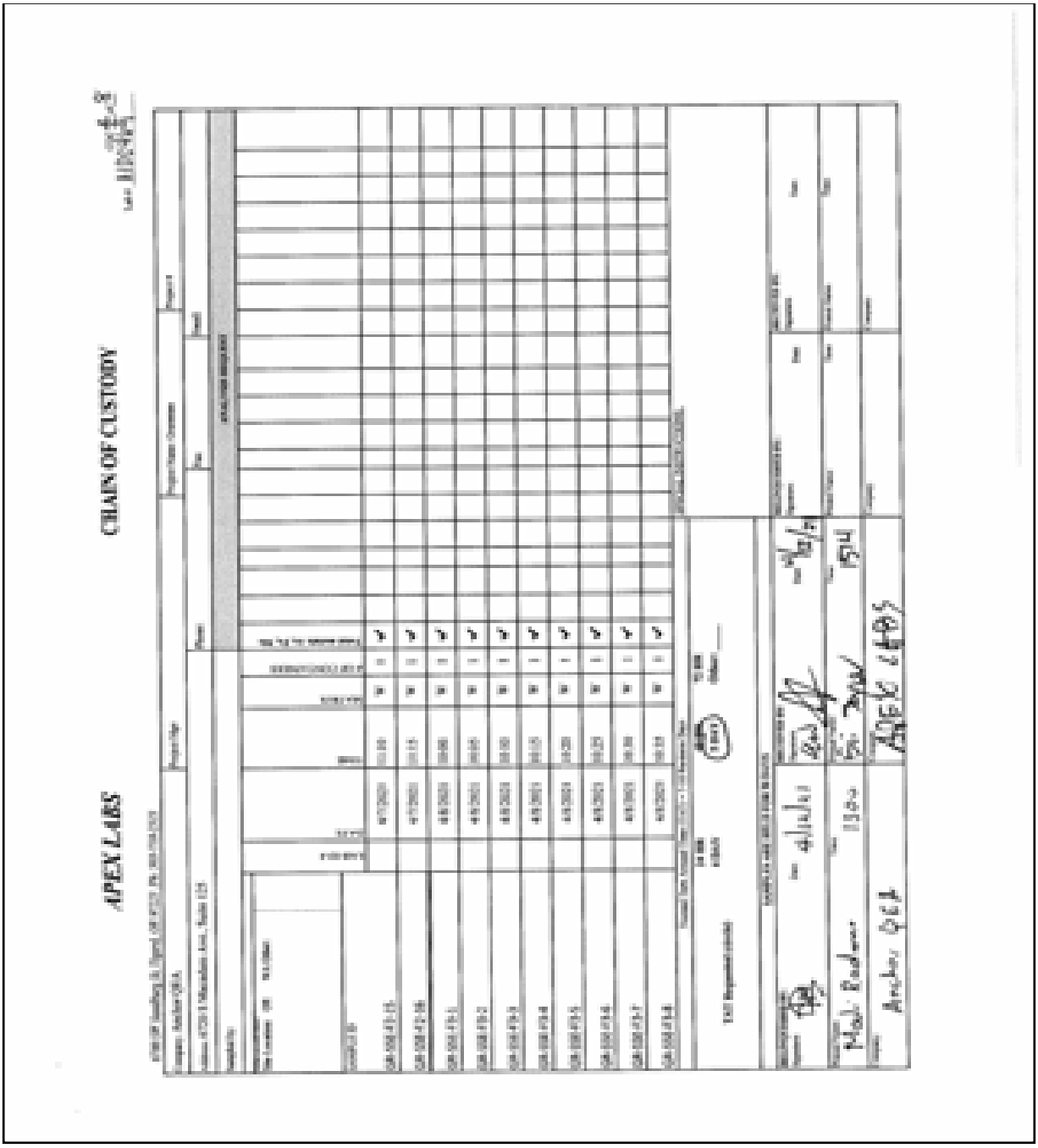

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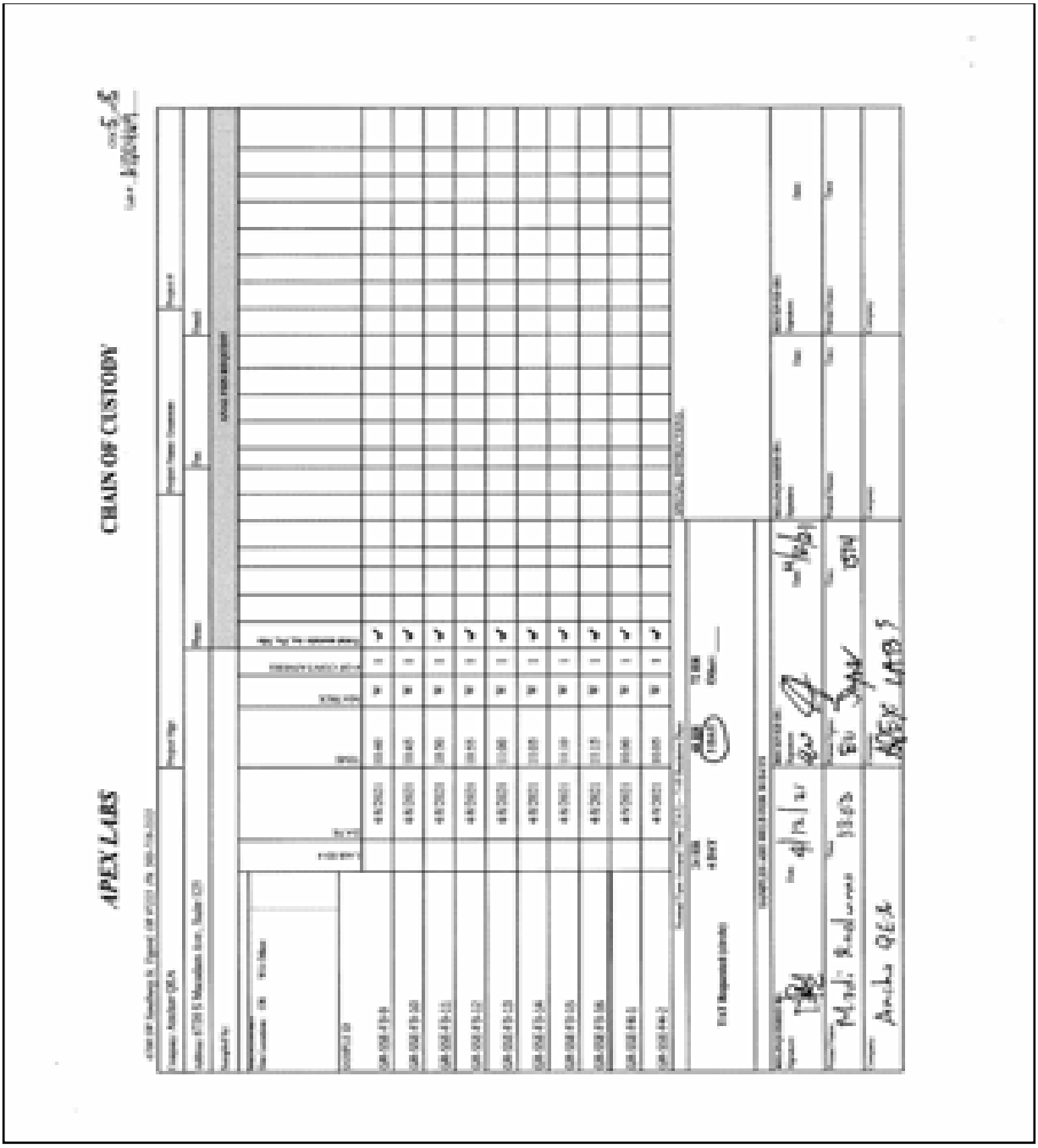

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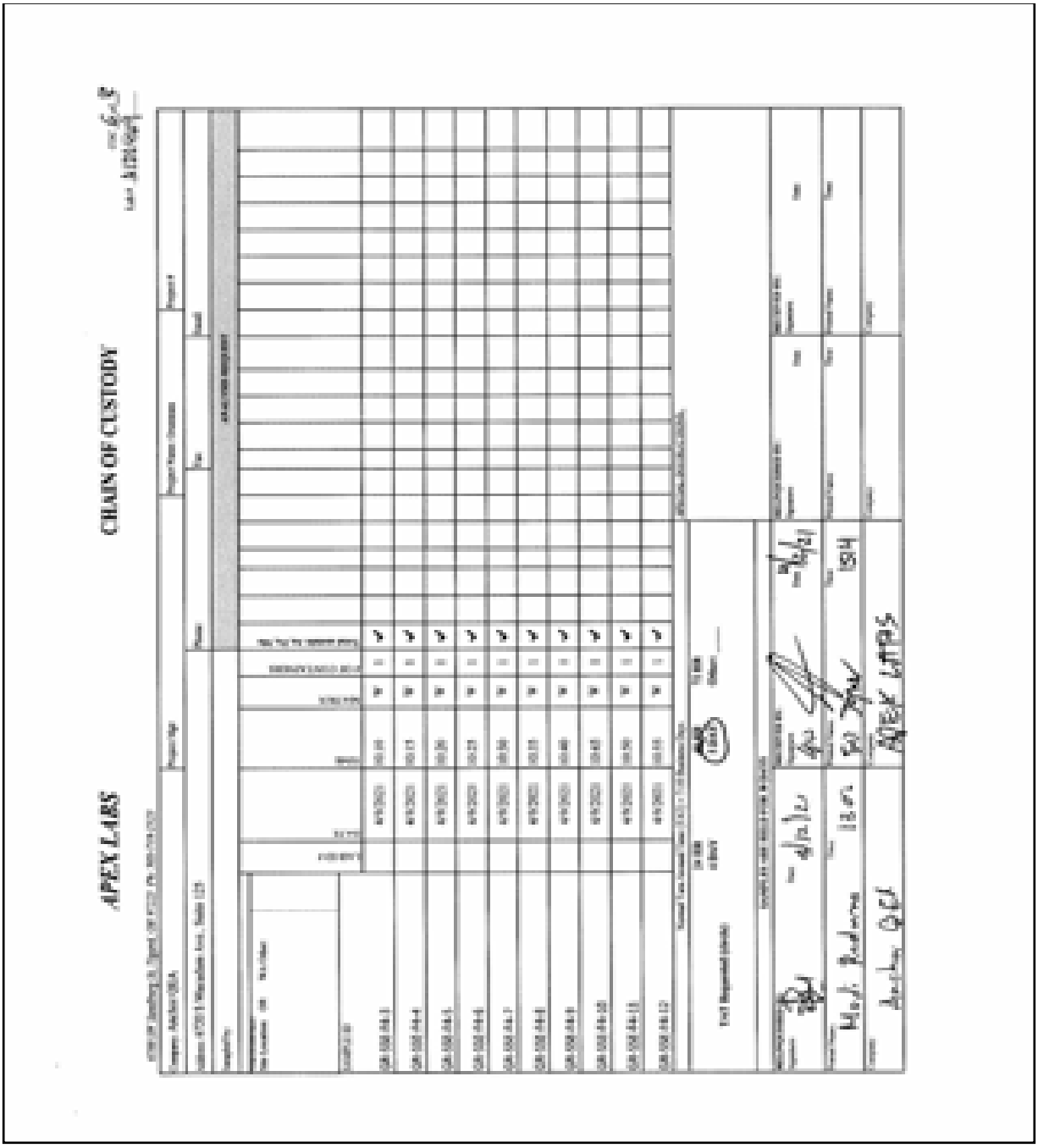

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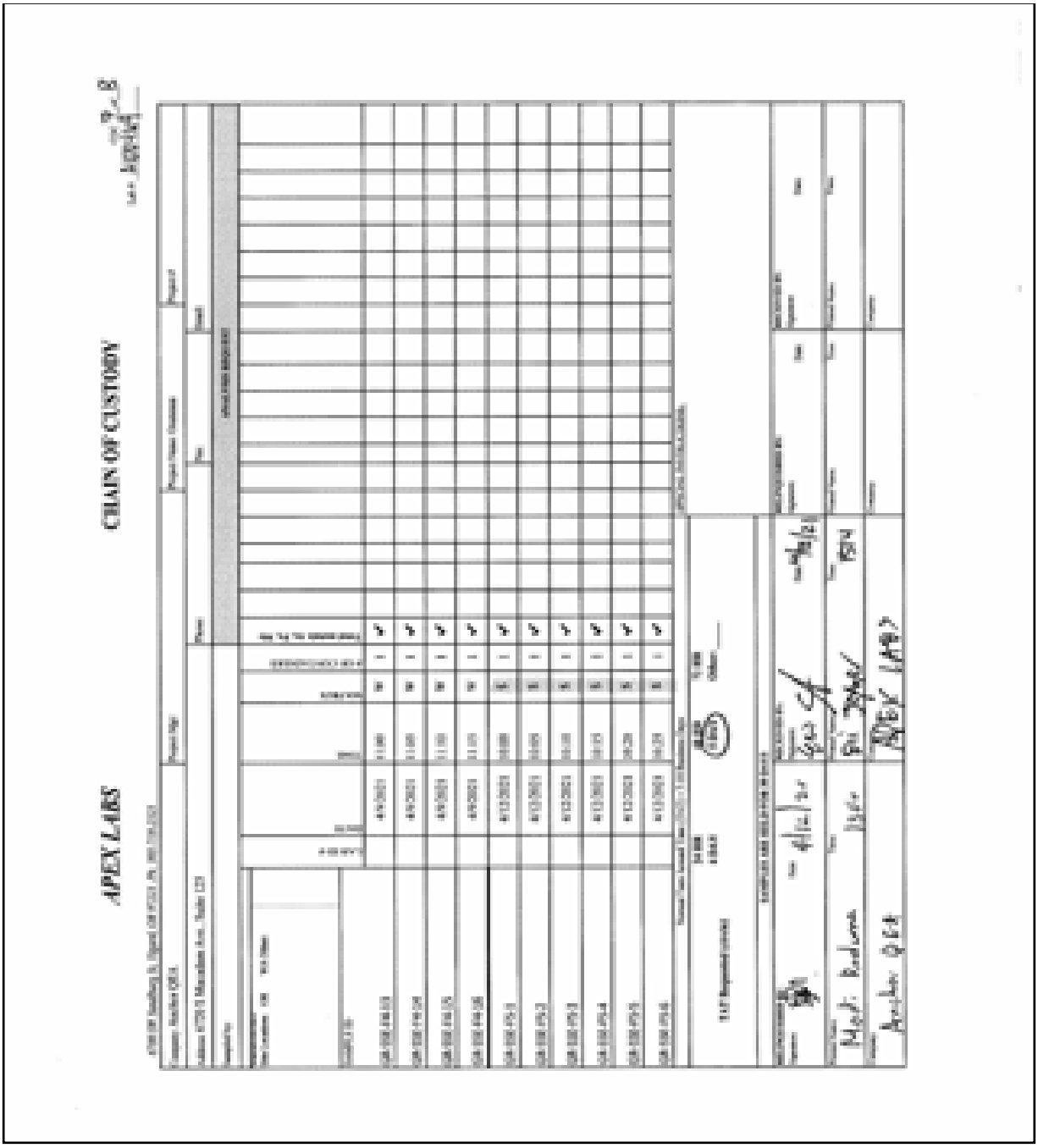

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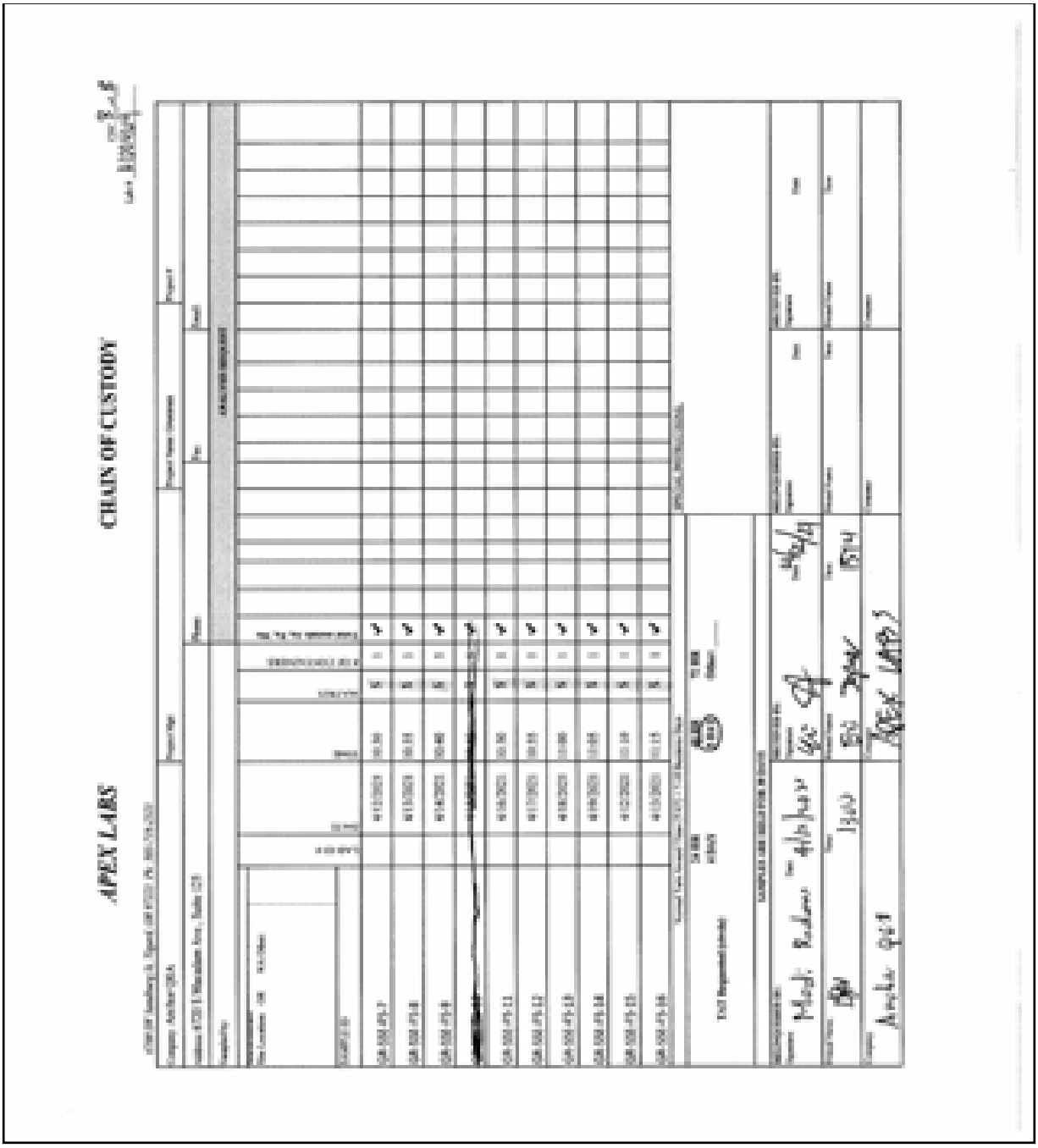

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WO# A1D0469

COC/Container Discrepancies

COC Reads	Container Reads/Comments
D on GR-SSE-F2-2 4/9/21	4/9/21
D on GR-SSE-F2-3 4/9/21	4/9/21
D on GR-SSE-F2-4 4/9/21	4/9/21
D on GR-SSE-F5-8 4/12/21	4/12/21
D on GR-SSE-F5-9 4/12/21	4/12/21
D on GR-SSE-F5-12 4/12/21	4/12/21
D on GR-SSE-F5-13 4/12/21	4/12/21
D on GR-SSE-F5-14 4/12/21	4/12/21
D on GR-SSE-F5-16 4/13/21	4/12/21

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APEX LABS COOLER RECEIPT FORM

Client: Anchor QEA **Element WO#:** A1D0469

Project/Project #: Grumman 201114-05.01

Delivery Info:
Date/time received: 4/12/21 @ 1514 By: EJ
Delivered by: Apex X Client ___ ESS ___ FedEx ___ UPS ___ Swift ___ Servoy ___ SDS ___ Other ___

Cooler Inspection Date/time inspected: 9/12/21 @ 1635 By: EJ
Chain of Custody included? Yes X No ___ Custody seals? Yes ___ No X
Signed/dated by client? Yes X No ___
Signed/dated by Apex? Yes X No ___

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	1.2	2.9					
Received on ice? (Y/N)	Y	Y					
Temp. blanks? (Y/N)	Y	Y					
Ice type: (Gel/Real/Other)	Real	Real					
Condition:	Good	Good					

Cooler out of temp? (Y/N) Possible reason why: ___
Green dots applied to out of temperature samples? Y/N/NA
Out of temperature samples form initiated? Yes/No
Sample Inspection: Date/time inspected: 4/12/21 @ 16:50 By: EJ
All samples intact? Yes X No ___ Comments: ___

Bottle labels/COCs agree? Yes ___ No X Comments: SEE FORM

COC/container discrepancies form initiated? Yes X No ___
Containers/volumes received appropriate for analysis? Yes X No ___ Comments: All vials have broken seal

Do VOA vials have visible headspace? Yes ___ No ___ NA X
Comments ___
Water samples: pH checked: Yes X No ___ NA ___ pH appropriate? Yes X No ___ NA ___
Comments: ___

Additional information: ___

Labeled by: ___ Witness: ___ Cooler Inspected by: ___

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Darwin Thomas, Business Development Director

March 29, 2021 Service Request No:K2102923

Masa Kanematsu
Anchor QEA, LLC
6720 SW Macadam Avenue
Suite 125
Portland, OR 97219

Laboratory Results for: Grumman Road Landfill ACM

Dear Masa,

Enclosed are the results of the sample(s) submitted to our laboratory March 24, 2021
For your reference, these analyses have been assigned our service request number **K2102923.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3376. You may also contact me via email at Mark.Harris@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Mark Harris
Project Manager

ADDRESS 1317 S. 13th Avenue, Kelso, WA 98626
PHONE +1 360 577 7222 | FAX +1 360 636 1068
ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

1317 South 13th Ave, Kelso, WA 98626 | 1-360-577-7222 | www.alsglobal.com

Client: Anchor QEA, LLC
Project: Grumman Road Landfill ACM
Sample Matrix: Water

Service Request: K2102923
Date Received: 03/24/2021

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt:

Eighteen water samples were received for analysis at ALS Environmental on 03/24/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

Approved by _____ Date 03/29/2021

SAMPLE DETECTION SUMMARY

CLIENT ID: GR-COL-INF-1			Lab ID: K2102923-001			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	172		5	21	ug/L	6010C
Boron, Dissolved	724		3	21	ug/L	6010C
Molybdenum, Dissolved	120		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-1-1			Lab ID: K2102923-002			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	14	J	5	21	ug/L	6010C
Boron, Dissolved	668		3	21	ug/L	6010C
Molybdenum, Dissolved	53.4		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-2-1			Lab ID: K2102923-003			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	26		5	21	ug/L	6010C
Boron, Dissolved	749		3	21	ug/L	6010C
Molybdenum, Dissolved	82.7		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-3-1			Lab ID: K2102923-004			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	45		5	21	ug/L	6010C
Boron, Dissolved	948		3	21	ug/L	6010C
Molybdenum, Dissolved	128		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-4-1			Lab ID: K2102923-005			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Boron, Dissolved	709		3	21	ug/L	6010C
Molybdenum, Dissolved	20.3		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-5-1			Lab ID: K2102923-006			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	51		5	21	ug/L	6010C
Boron, Dissolved	779		3	21	ug/L	6010C
Molybdenum, Dissolved	181		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-6-1			Lab ID: K2102923-007			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Boron, Dissolved	707		3	21	ug/L	6010C
Molybdenum, Dissolved	44.0		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-7-1			Lab ID: K2102923-008			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	64		5	21	ug/L	6010C
Boron, Dissolved	770		3	21	ug/L	6010C
Molybdenum, Dissolved	121		2.1	8.4	ug/L	6010C

SAMPLE DETECTION SUMMARY

CLIENT ID: GR-COL-8-1			Lab ID: K2102923-009			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Boron, Dissolved	697		3	21	ug/L	6010C
Molybdenum, Dissolved	7.0	J	2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-INF-5			Lab ID: K2102923-010			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	162		5	21	ug/L	6010C
Boron, Dissolved	730		3	21	ug/L	6010C
Molybdenum, Dissolved	119		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-1-5			Lab ID: K2102923-011			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	21		5	21	ug/L	6010C
Boron, Dissolved	687		3	21	ug/L	6010C
Molybdenum, Dissolved	104		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-2-5			Lab ID: K2102923-012			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	30		5	21	ug/L	6010C
Boron, Dissolved	746		3	21	ug/L	6010C
Molybdenum, Dissolved	102		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-3-5			Lab ID: K2102923-013			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	32		5	21	ug/L	6010C
Boron, Dissolved	779		3	21	ug/L	6010C
Molybdenum, Dissolved	136		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-4-5			Lab ID: K2102923-014			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Boron, Dissolved	740		3	21	ug/L	6010C
Molybdenum, Dissolved	59.6		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-5-5			Lab ID: K2102923-015			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	39		5	21	ug/L	6010C
Boron, Dissolved	750		3	21	ug/L	6010C
Molybdenum, Dissolved	162		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-6-5			Lab ID: K2102923-016			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	12	J	5	21	ug/L	6010C
Boron, Dissolved	741		3	21	ug/L	6010C
Molybdenum, Dissolved	103		2.1	8.4	ug/L	6010C

SAMPLE DETECTION SUMMARY

CLIENT ID: GR-COL-7-5	Lab ID: K2102923-017					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	41		5	21	ug/L	6010C
Boron, Dissolved	749		3	21	ug/L	6010C
Molybdenum, Dissolved	120		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-8-5	Lab ID: K2102923-018					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	15	J	5	21	ug/L	6010C
Boron, Dissolved	725		3	21	ug/L	6010C
Molybdenum, Dissolved	58.5		2.1	8.4	ug/L	6010C

Sample Receipt Information

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

Client: Anchor QEA, LLC **Service Request:**K2102923
Project: Grumman Road Landfill ACM

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
K2102923-001	GR-COL-INF-1	3/22/2021	0730
K2102923-002	GR-COL-1-1	3/22/2021	0730
K2102923-003	GR-COL-2-1	3/22/2021	0730
K2102923-004	GR-COL-3-1	3/22/2021	0730
K2102923-005	GR-COL-4-1	3/22/2021	0730
K2102923-006	GR-COL-5-1	3/22/2021	0730
K2102923-007	GR-COL-6-1	3/22/2021	0730
K2102923-008	GR-COL-7-1	3/22/2021	0730
K2102923-009	GR-COL-8-1	3/22/2021	0730
K2102923-010	GR-COL-INF-5	3/23/2021	1000
K2102923-011	GR-COL-1-5	3/23/2021	1000
K2102923-012	GR-COL-2-5	3/23/2021	1000
K2102923-013	GR-COL-3-5	3/23/2021	1000
K2102923-014	GR-COL-4-5	3/3/2021	1000
K2102923-015	GR-COL-5-5	3/23/2021	1000
K2102923-016	GR-COL-6-5	3/23/2021	1000
K2102923-017	GR-COL-7-5	3/23/2021	1000
K2102923-018	GR-COL-8-5	3/23/2021	1000

Chain of Custody Record & Laboratory Analysis Request

Project Name	
Project Manager	
Sampler	
Signature	

Line	Field Sample ID	Collection Date	Collection Time	Matrix	No. of Containers	Parameters															
1						X															
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					
13																					
14																					
15																					

Relinquished by	Date/Time
Received by	Date/Time
Relinquished by	Date/Time
Received by	Date/Time
Relinquished by	Date/Time
Received by	Date/Time
Relinquished by	Date/Time
Received by	Date/Time

Chain of Custody Record & Laboratory Analysis Request

[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

Item	Field Sample ID	Collection Date	Collection Time	Matrix	No. of Containers	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Comments/Preservative
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10																				
11																				
12																				
13																				
14																				
15																				

Note: Please analyze all samples and log full laboratory [illegible] to: [illegible] mg/L, [illegible] mg/L, [illegible] mg/L

[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

[illegible]

PM

Cooler Receipt and Preservation Form

Client _____ Service Request (SR) _____

Received _____ Opened _____ By _____ Unloaded _____ By _____

1. Samples were received via? FedEx UPS Courier Hand Delivery
2. Samples were received in coolers? Yes No
3. Were custody seals on outer shipping container? Yes No
   Were custody seals on bottles? Yes No
4. Was temperature of cooler(s) at receipt between 2°C-6°C? Yes No
   If no, note cooler temperature and explain below. Was cooler opened for inspection immediately?
5. Were samples received in good condition? Yes No
   If no, were they properly noted below and did you notify the PM? Yes No

Cooler Temp(°C): _____ Thermometer ID: _____

Temp Blank	Sample Temp	IR Gun	Cooler #/COC ID/NA	Out of temp indicate with °C	PM Notified (if out of temp)	Tracking Number/NA	Filed

6. Preservation: Inserts Baggies Bubble Wrap Gel Packs Wet Ice Dry Ice None
7. Were custody seals on bottles and intact? Yes No
8. Were sample labels complete (sampler, date, time, preservation, etc.)? Yes No
9. Were samples collected in appropriate containers for analysis requested? Yes No
10. Were sample preservations correct and documented? Yes No
11. Were correct pH preservations and/or preservation checks performed? Yes No
12. Were pH preservations checked and within acceptable limits? Yes No
13. Were VOA vials checked and free of headspace? Yes No
14. Were all Rs completed? Yes No

Sample ID on Bottle	Sample ID on COC	Identified by:

Sample ID	Bottle Count Bottle Type	Headspace	Broken	pH	Reagent	Preservative added	Reagent Lot Number	Initials	Time

Notes (Discrepancies, Resolutions)

Miscellaneous Forms

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Anchor QEA, LLC
Project: Grumman Road Landfill ACM/
Service Request: K2102923

Sample Name: GR-COL-INF-1
Lab Code: K2102923-001
Sample Matrix: Water
Date Collected: 03/22/21
Date Received: 03/24/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	AMCKORNEY

Sample Name: GR-COL-1-1
Lab Code: K2102923-002
Sample Matrix: Water
Date Collected: 03/22/21
Date Received: 03/24/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	AMCKORNEY

Sample Name: GR-COL-2-1
Lab Code: K2102923-003
Sample Matrix: Water
Date Collected: 03/22/21
Date Received: 03/24/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	AMCKORNEY

Sample Name: GR-COL-3-1
Lab Code: K2102923-004
Sample Matrix: Water
Date Collected: 03/22/21
Date Received: 03/24/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	AMCKORNEY

Sample Name: GR-COL-4-1
Lab Code: K2102923-005
Sample Matrix: Water
Date Collected: 03/22/21
Date Received: 03/24/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	AMCKORNEY

Client: Anchor QEA, LLC
Project: Grumman Road Landfill ACM/
Service Request: K2102923

Sample Name: GR-COL-5-1
Lab Code: K2102923-006
Sample Matrix: Water
Date Collected: 03/22/21
Date Received: 03/24/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	AMCKORNEY

Sample Name: GR-COL-6-1
Lab Code: K2102923-007
Sample Matrix: Water
Date Collected: 03/22/21
Date Received: 03/24/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	AMCKORNEY

Sample Name: GR-COL-7-1
Lab Code: K2102923-008
Sample Matrix: Water
Date Collected: 03/22/21
Date Received: 03/24/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	AMCKORNEY

Sample Name: GR-COL-8-1
Lab Code: K2102923-009
Sample Matrix: Water
Date Collected: 03/22/21
Date Received: 03/24/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	AMCKORNEY

Sample Name: GR-COL-INF-5
Lab Code: K2102923-010
Sample Matrix: Water
Date Collected: 03/23/21
Date Received: 03/24/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	AMCKORNEY

Client: Anchor QEA, LLC
Project: Grumman Road Landfill ACM/
Service Request: K2102923

Sample Name: GR-COL-1-5
Lab Code: K2102923-011
Sample Matrix: Water
Date Collected: 03/23/21
Date Received: 03/24/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	AMCKORNEY

Sample Name: GR-COL-2-5
Lab Code: K2102923-012
Sample Matrix: Water
Date Collected: 03/23/21
Date Received: 03/24/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	AMCKORNEY

Sample Name: GR-COL-3-5
Lab Code: K2102923-013
Sample Matrix: Water
Date Collected: 03/23/21
Date Received: 03/24/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	AMCKORNEY

Sample Name: GR-COL-4-5
Lab Code: K2102923-014
Sample Matrix: Water
Date Collected: 03/3/21
Date Received: 03/24/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	AMCKORNEY

Sample Name: GR-COL-5-5
Lab Code: K2102923-015
Sample Matrix: Water
Date Collected: 03/23/21
Date Received: 03/24/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	AMCKORNEY

Client: Anchor QEA, LLC
Project: Grumman Road Landfill ACM/
Service Request: K2102923

Sample Name: GR-COL-6-5
Lab Code: K2102923-016
Sample Matrix: Water
Date Collected: 03/23/21
Date Received: 03/24/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	AMCKORNEY

Sample Name: GR-COL-7-5
Lab Code: K2102923-017
Sample Matrix: Water
Date Collected: 03/23/21
Date Received: 03/24/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	AMCKORNEY

Sample Name: GR-COL-8-5
Lab Code: K2102923-018
Sample Matrix: Water
Date Collected: 03/23/21
Date Received: 03/24/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	AMCKORNEY

Sample Results

ALS Environmental—Kelso Laboratory
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www.alsglobal.com

Metals

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2102923
Project:	Grumman Road Landfill ACM	**Date Collected:**	03/22/21 07:30
Sample Matrix:	Water	**Date Received:**	03/24/21 10:30
Sample Name:	GR-COL-INF-1	**Basis:**	NA
Lab Code:	K2102923-001		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**172**	ug/L	21	5	1	03/26/21 13:25	03/25/21	
Boron	6010C	**724**	ug/L	21	3	1	03/26/21 13:25	03/25/21	
Molybdenum	6010C	**120**	ug/L	8.4	2.1	1	03/26/21 13:25	03/25/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2102923
Project:	Grumman Road Landfill ACM	**Date Collected:**	03/22/21 07:30
Sample Matrix:	Water	**Date Received:**	03/24/21 10:30
Sample Name:	GR-COL-1-1	**Basis:**	NA
Lab Code:	K2102923-002		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**14 J**	ug/L	21	5	1	03/26/21 13:35	03/25/21	
Boron	6010C	**668**	ug/L	21	3	1	03/26/21 13:35	03/25/21	
Molybdenum	6010C	**53.4**	ug/L	8.4	2.1	1	03/26/21 13:35	03/25/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2102923
Project:	Grumman Road Landfill ACM	**Date Collected:**	03/22/21 07:30
Sample Matrix:	Water	**Date Received:**	03/24/21 10:30
Sample Name:	GR-COL-2-1	**Basis:**	NA
Lab Code:	K2102923-003		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**26**	ug/L	21	5	1	03/26/21 13:38	03/25/21	
Boron	6010C	**749**	ug/L	21	3	1	03/26/21 13:38	03/25/21	
Molybdenum	6010C	**82.7**	ug/L	8.4	2.1	1	03/26/21 13:38	03/25/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2102923
Project:	Grumman Road Landfill ACM	**Date Collected:**	03/22/21 07:30
Sample Matrix:	Water	**Date Received:**	03/24/21 10:30
Sample Name:	GR-COL-3-1	**Basis:**	NA
Lab Code:	K2102923-004		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**45**	ug/L	21	5	1	03/26/21 13:41	03/25/21	
Boron	6010C	**948**	ug/L	21	3	1	03/26/21 13:41	03/25/21	
Molybdenum	6010C	**128**	ug/L	8.4	2.1	1	03/26/21 13:41	03/25/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2102923
Project:	Grumman Road Landfill ACM	**Date Collected:**	03/22/21 07:30
Sample Matrix:	Water	**Date Received:**	03/24/21 10:30
Sample Name:	GR-COL-4-1	**Basis:**	NA
Lab Code:	K2102923-005		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	ND U	ug/L	21	5	1	03/26/21 13:43	03/25/21	
Boron	6010C	**709**	ug/L	21	3	1	03/26/21 13:43	03/25/21	
Molybdenum	6010C	**20.3**	ug/L	8.4	2.1	1	03/26/21 13:43	03/25/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2102923
Project:	Grumman Road Landfill ACM	**Date Collected:**	03/22/21 07:30
Sample Matrix:	Water	**Date Received:**	03/24/21 10:30
Sample Name:	GR-COL-5-1	**Basis:**	NA
Lab Code:	K2102923-006		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**51**	ug/L	21	5	1	03/26/21 13:54	03/25/21	
Boron	6010C	**779**	ug/L	21	3	1	03/26/21 13:54	03/25/21	
Molybdenum	6010C	**181**	ug/L	8.4	2.1	1	03/26/21 13:54	03/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2102923
Project:	Grumman Road Landfill ACM	**Date Collected:**	03/22/21 07:30
Sample Matrix:	Water	**Date Received:**	03/24/21 10:30
Sample Name:	GR-COL-6-1	**Basis:**	NA
Lab Code:	K2102923-007		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	ND U	ug/L	21	5	1	03/26/21 13:57	03/25/21	
Boron	6010C	**707**	ug/L	21	3	1	03/26/21 13:57	03/25/21	
Molybdenum	6010C	**44.0**	ug/L	8.4	2.1	1	03/26/21 13:57	03/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2102923
Project:	Grumman Road Landfill ACM	**Date Collected:**	03/22/21 07:30
Sample Matrix:	Water	**Date Received:**	03/24/21 10:30
Sample Name:	GR-COL-7-1	**Basis:**	NA
Lab Code:	K2102923-008		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**64**	ug/L	21	5	1	03/26/21 14:00	03/25/21	
Boron	6010C	**770**	ug/L	21	3	1	03/26/21 14:00	03/25/21	
Molybdenum	6010C	**121**	ug/L	8.4	2.1	1	03/26/21 14:00	03/25/21	

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dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2102923
Project:	Grumman Road Landfill ACM	**Date Collected:**	03/22/21 07:30
Sample Matrix:	Water	**Date Received:**	03/24/21 10:30
Sample Name:	GR-COL-8-1	**Basis:**	NA
Lab Code:	K2102923-009		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	ND U	ug/L	21	5	1	03/26/21 14:05	03/25/21	
Boron	6010C	**697**	ug/L	21	3	1	03/26/21 14:05	03/25/21	
Molybdenum	6010C	**7.0 J**	ug/L	8.4	2.1	1	03/26/21 14:05	03/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2102923
Project:	Grumman Road Landfill ACM	**Date Collected:**	03/23/21 10:00
Sample Matrix:	Water	**Date Received:**	03/24/21 10:30
Sample Name:	GR-COL-INF-5	**Basis:**	NA
Lab Code:	K2102923-010		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**162**	ug/L	21	5	1	03/26/21 14:08	03/25/21	
Boron	6010C	**730**	ug/L	21	3	1	03/26/21 14:08	03/25/21	
Molybdenum	6010C	**119**	ug/L	8.4	2.1	1	03/26/21 14:08	03/25/21	

Client:	Anchor QEA, LLC	**Service Request:**	K2102923
Project:	Grumman Road Landfill ACM	**Date Collected:**	03/23/21 10:00
Sample Matrix:	Water	**Date Received:**	03/24/21 10:30
Sample Name:	GR-COL-1-5	**Basis:**	NA
Lab Code:	K2102923-011		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**21**	ug/L	21	5	1	03/26/21 14:10	03/25/21	
Boron	6010C	**687**	ug/L	21	3	1	03/26/21 14:10	03/25/21	
Molybdenum	6010C	**104**	ug/L	8.4	2.1	1	03/26/21 14:10	03/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2102923
Project:	Grumman Road Landfill ACM	**Date Collected:**	03/23/21 10:00
Sample Matrix:	Water	**Date Received:**	03/24/21 10:30
Sample Name:	GR-COL-2-5	**Basis:**	NA
Lab Code:	K2102923-012		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**30**	ug/L	21	5	1	03/26/21 14:13	03/25/21	
Boron	6010C	**746**	ug/L	21	3	1	03/26/21 14:13	03/25/21	
Molybdenum	6010C	**102**	ug/L	8.4	2.1	1	03/26/21 14:13	03/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2102923
Project:	Grumman Road Landfill ACM	**Date Collected:**	03/23/21 10:00
Sample Matrix:	Water	**Date Received:**	03/24/21 10:30
Sample Name:	GR-COL-3-5	**Basis:**	NA
Lab Code:	K2102923-013		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**32**	ug/L	21	5	1	03/26/21 14:16	03/25/21	
Boron	6010C	**779**	ug/L	21	3	1	03/26/21 14:16	03/25/21	
Molybdenum	6010C	**136**	ug/L	8.4	2.1	1	03/26/21 14:16	03/25/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2102923
Project:	Grumman Road Landfill ACM	**Date Collected:**	03/03/21 10:00
Sample Matrix:	Water	**Date Received:**	03/24/21 10:30
Sample Name:	GR-COL-4-5	**Basis:**	NA
Lab Code:	K2102923-014		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	ND U	ug/L	21	5	1	03/26/21 14:19	03/25/21	
Boron	6010C	**740**	ug/L	21	3	1	03/26/21 14:19	03/25/21	
Molybdenum	6010C	**59.6**	ug/L	8.4	2.1	1	03/26/21 14:19	03/25/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2102923
Project:	Grumman Road Landfill ACM	**Date Collected:**	03/23/21 10:00
Sample Matrix:	Water	**Date Received:**	03/24/21 10:30
Sample Name:	GR-COL-5-5	**Basis:**	NA
Lab Code:	K2102923-015		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**39**	ug/L	21	5	1	03/26/21 14:21	03/25/21	
Boron	6010C	**750**	ug/L	21	3	1	03/26/21 14:21	03/25/21	
Molybdenum	6010C	**162**	ug/L	8.4	2.1	1	03/26/21 14:21	03/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2102923
Project:	Grumman Road Landfill ACM	**Date Collected:**	03/23/21 10:00
Sample Matrix:	Water	**Date Received:**	03/24/21 10:30
Sample Name:	GR-COL-6-5	**Basis:**	NA
Lab Code:	K2102923-016		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**12 J**	ug/L	21	5	1	03/26/21 14:32	03/25/21	
Boron	6010C	**741**	ug/L	21	3	1	03/26/21 14:32	03/25/21	
Molybdenum	6010C	**103**	ug/L	8.4	2.1	1	03/26/21 14:32	03/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2102923
Project:	Grumman Road Landfill ACM	**Date Collected:**	03/23/21 10:00
Sample Matrix:	Water	**Date Received:**	03/24/21 10:30
Sample Name:	GR-COL-7-5	**Basis:**	NA
Lab Code:	K2102923-017		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**41**	ug/L	21	5	1	03/26/21 14:35	03/25/21	
Boron	6010C	**749**	ug/L	21	3	1	03/26/21 14:35	03/25/21	
Molybdenum	6010C	**120**	ug/L	8.4	2.1	1	03/26/21 14:35	03/25/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2102923
Project:	Grumman Road Landfill ACM	**Date Collected:**	03/23/21 10:00
Sample Matrix:	Water	**Date Received:**	03/24/21 10:30
Sample Name:	GR-COL-8-5	**Basis:**	NA
Lab Code:	K2102923-018		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**15 J**	ug/L	21	5	1	03/26/21 14:45	03/25/21	
Boron	6010C	**725**	ug/L	21	3	1	03/26/21 14:45	03/25/21	
Molybdenum	6010C	**58.5**	ug/L	8.4	2.1	1	03/26/21 14:45	03/25/21	

QC Summary Forms

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1317 South 13th Avenue, Kelso, WA 98626
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Metals

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2102923
Project:	Grumman Road Landfill ACM	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2104581-02		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	ND	U	ug/L	21	5	1	03/26/21 13:20	03/25/21	
Boron	6010C	ND	U	ug/L	21	3	1	03/26/21 13:20	03/25/21	
Molybdenum	6010C	ND	U	ug/L	8.4	2.1	1	03/26/21 13:20	03/25/21	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2102923
Project:	Grumman Road Landfill ACM	**Date Collected:**	03/22/21
Sample Matrix:	Water	**Date Received:**	03/24/21
		Date Analyzed:	03/26/21
		Date Extracted:	03/25/21

Matrix Spike Summary
Dissolved Metals

Sample Name:	GR-COL-INF-1	**Units:**	ug/L
Lab Code:	K2102923-001	**Basis:**	NA
Analysis Method:	6010C		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2104581-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	172	1150	1000	98	75-125
Boron	724	1220	500	99	75-125
Molybdenum	120	1110	1000	98	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2102923
Project	Grumman Road Landfill ACM	**Date Collected:**	03/22/21
Sample Matrix:	Water	**Date Received:**	03/24/21
		Date Analyzed:	03/26/21

Replicate Sample Summary
Dissolved Metals

Sample Name:	GR-COL-INF-1	**Units:**	ug/L
Lab Code:	K2102923-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2104581-03 Result	Average	RPD	RPD Limit
Arsenic	6010C	21	5	172	160	166	7	20
Boron	6010C	21	3	724	720	722	<1	20
Molybdenum	6010C	8.4	2.1	120	121	121	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2102923
Project:	Grumman Road Landfill ACM	**Date Analyzed:**	03/26/21
Sample Matrix:	Water		

Lab Control Sample Summary
Dissolved Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2104581-01

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6010C	2480	2500	99	80-120
Boron	6010C	507	500	101	80-120
Molybdenum	6010C	1010	1000	101	80-120

April 05, 2021 Service Request No:K2103161

Masa Kanematsu
Anchor QEA, LLC
6720 SW Macadam Avenue
Suite 125
Portland, OR 97219

Laboratory Results for: Grumman Road Landfill ACM

Dear Masa,

Enclosed are the results of the sample(s) submitted to our laboratory March 30, 2021
For your reference, these analyses have been assigned our service request number **K2103161.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3376. You may also contact me via email at Mark.Harris@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Mark Harris
Project Manager

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Narrative Documents

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1317 South 13th Ave, Kelso, WA 98626 | 1-360-577-7222 | www.alsglobal.com

Client: Anchor QEA, LLC
Project: Grumman Road Landfill ACM
Sample Matrix: Water

Service Request: K2103161
Date Received: 03/30/2021

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt:

Twenty seven water samples were received for analysis at ALS Environmental on 03/30/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

Approved by _____ Date 04/05/2021

SAMPLE DETECTION SUMMARY

CLIENT ID: GR-COL-INF-9	Lab ID: K2103161-001					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	159		5	21	ug/L	6010C
Boron, Dissolved	724		3	42	ug/L	6010C
Molybdenum, Dissolved	120		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-1-9	Lab ID: K2103161-002					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Boron, Dissolved	732		3	42	ug/L	6010C
Molybdenum, Dissolved	133		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-2-9	Lab ID: K2103161-003					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	27		5	21	ug/L	6010C
Boron, Dissolved	765		3	42	ug/L	6010C
Molybdenum, Dissolved	117		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-3-9	Lab ID: K2103161-004					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	26		5	21	ug/L	6010C
Boron, Dissolved	775		3	42	ug/L	6010C
Molybdenum, Dissolved	128		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-4-9	Lab ID: K2103161-005					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	16	J	5	21	ug/L	6010C
Boron, Dissolved	765		3	42	ug/L	6010C
Molybdenum, Dissolved	88.1		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-5-9	Lab ID: K2103161-006					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	23		5	21	ug/L	6010C
Boron, Dissolved	771		3	42	ug/L	6010C
Molybdenum, Dissolved	153		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-6-9	Lab ID: K2103161-007					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	14	J	5	21	ug/L	6010C
Boron, Dissolved	781		3	42	ug/L	6010C
Molybdenum, Dissolved	114		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-7-9	Lab ID: K2103161-008					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	24		5	21	ug/L	6010C
Boron, Dissolved	755		3	42	ug/L	6010C
Molybdenum, Dissolved	146		2.1	8.4	ug/L	6010C

SAMPLE DETECTION SUMMARY

CLIENT ID: GR-COL-8-9	Lab ID: K2103161-009					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	12	J	5	21	ug/L	6010C
Boron, Dissolved	752		3	42	ug/L	6010C
Molybdenum, Dissolved	84.3		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-INF-10	Lab ID: K2103161-010					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	166		5	21	ug/L	6010C
Boron, Dissolved	745		3	42	ug/L	6010C
Molybdenum, Dissolved	118		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-1-10	Lab ID: K2103161-011					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Boron, Dissolved	713		3	42	ug/L	6010C
Molybdenum, Dissolved	132		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-2-10	Lab ID: K2103161-012					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	37		5	21	ug/L	6010C
Boron, Dissolved	756		3	42	ug/L	6010C
Molybdenum, Dissolved	118		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-3-10	Lab ID: K2103161-013					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	22		5	21	ug/L	6010C
Boron, Dissolved	776		3	42	ug/L	6010C
Molybdenum, Dissolved	124		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-4-10	Lab ID: K2103161-014					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	16	J	5	21	ug/L	6010C
Boron, Dissolved	769		3	42	ug/L	6010C
Molybdenum, Dissolved	94.3		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-5-10	Lab ID: K2103161-015					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	23		5	21	ug/L	6010C
Boron, Dissolved	773		3	42	ug/L	6010C
Molybdenum, Dissolved	141		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-6-10	Lab ID: K2103161-016					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	22		5	21	ug/L	6010C
Boron, Dissolved	779		3	42	ug/L	6010C
Molybdenum, Dissolved	116		2.1	8.4	ug/L	6010C

SAMPLE DETECTION SUMMARY

CLIENT ID: GR-COL-7-10	Lab ID: K2103161-017					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	19	J	5	21	ug/L	6010C
Boron, Dissolved	752		3	42	ug/L	6010C
Molybdenum, Dissolved	143		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-8-10	Lab ID: K2103161-018					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	9	J	5	21	ug/L	6010C
Boron, Dissolved	777		3	42	ug/L	6010C
Molybdenum, Dissolved	100		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-INF-11	Lab ID: K2103161-019					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	169		5	21	ug/L	6010C
Boron, Dissolved	747		3	42	ug/L	6010C
Molybdenum, Dissolved	118		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-1-11	Lab ID: K2103161-020					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Boron, Dissolved	712		3	42	ug/L	6010C
Molybdenum, Dissolved	131		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-2-11	Lab ID: K2103161-021					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	32		5	21	ug/L	6010C
Boron, Dissolved	745		3	42	ug/L	6010C
Molybdenum, Dissolved	118		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-3-11	Lab ID: K2103161-022					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	23		5	21	ug/L	6010C
Boron, Dissolved	779		3	42	ug/L	6010C
Molybdenum, Dissolved	124		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-4-11	Lab ID: K2103161-023					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	19	J	5	21	ug/L	6010C
Boron, Dissolved	785		3	42	ug/L	6010C
Molybdenum, Dissolved	103		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-5-11	Lab ID: K2103161-024					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	16	J	5	21	ug/L	6010C
Boron, Dissolved	768		3	42	ug/L	6010C
Molybdenum, Dissolved	133		2.1	8.4	ug/L	6010C

SAMPLE DETECTION SUMMARY

CLIENT ID: GR-COL-6-11			Lab ID: K2103161-025			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	11	J	5	21	ug/L	6010C
Boron, Dissolved	775		3	42	ug/L	6010C
Molybdenum, Dissolved	113		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-7-11			Lab ID: K2103161-026			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	24		5	21	ug/L	6010C
Boron, Dissolved	756		3	42	ug/L	6010C
Molybdenum, Dissolved	131		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-8-11			Lab ID: K2103161-027			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	11	J	5	21	ug/L	6010C
Boron, Dissolved	766		3	42	ug/L	6010C
Molybdenum, Dissolved	97.7		2.1	8.4	ug/L	6010C

Sample Receipt Information

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
K2103161-001	GR-COL-INF-9	3/25/2021	1530
K2103161-002	GR-COL-1-9	3/25/2021	1530
K2103161-003	GR-COL-2-9	3/25/2021	1530
K2103161-004	GR-COL-3-9	3/25/2021	1530
K2103161-005	GR-COL-4-9	3/25/2021	1530
K2103161-006	GR-COL-5-9	3/25/2021	1530
K2103161-007	GR-COL-6-9	3/25/2021	1530
K2103161-008	GR-COL-7-9	3/25/2021	1530
K2103161-009	GR-COL-8-9	3/25/2021	1530
K2103161-010	GR-COL-INF-10	3/26/2021	1230
K2103161-011	GR-COL-1-10	3/26/2021	1230
K2103161-012	GR-COL-2-10	3/26/2021	1230
K2103161-013	GR-COL-3-10	3/26/2021	1230
K2103161-014	GR-COL-4-10	3/26/2021	1230
K2103161-015	GR-COL-5-10	3/26/2021	1230
K2103161-016	GR-COL-6-10	3/26/2021	1230
K2103161-017	GR-COL-7-10	3/26/2021	1230
K2103161-018	GR-COL-8-10	3/26/2021	1230
K2103161-019	GR-COL-INF-11	3/28/2021	1535
K2103161-020	GR-COL-1-11	3/28/2021	1535
K2103161-021	GR-COL-2-11	3/28/2021	1535
K2103161-022	GR-COL-3-11	3/28/2021	1535
K2103161-023	GR-COL-4-11	3/28/2021	1535
K2103161-024	GR-COL-5-11	3/28/2021	1535
K2103161-025	GR-COL-6-11	3/28/2021	1535
K2103161-026	GR-COL-7-11	3/28/2021	1535
K2103161-027	GR-COL-8-11	3/28/2021	1535

Chain of Custody Record & Laboratory Analysis Request

Date	
Project Name	
Project Number	
Project Manager	
Sampler	
Laboratory Number	

Parameters

No.	Field Sample ID	Collected Date	Collected Time	Matrix	No. of Containers																	Comments/Preservation
1																						
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						
13																						
14																						
15																						

Note: [illegible]

Relinquished By	Company	Received By	Company
Signature/Printed Name	Date/Time	Signature/Printed Name	Date/Time

Relinquished By	Company	Received By	Company
Signature/Printed Name	Date/Time	Signature/Printed Name	Date/Time

ANCHOR QEA
Jessica Gom
6720 SW Macadam Ave
Suite 125
Portland OR 97219

Chain of Custody Record & Laboratory Analysis Request

[illegible]	
[illegible]	
[illegible]	
[illegible]	
[illegible]	
[illegible]	

Line	Field Sample ID	Collected Date	Collected Time	Matrix	No. of Containers	Preservation																							
1	[illegible]	[illegible]	[illegible]	Water	1	[illegible]																							
2	[illegible]	[illegible]	[illegible]	Water		[illegible]																							
3	[illegible]	[illegible]	[illegible]	Water	1	[illegible]																							
4	[illegible]	[illegible]	[illegible]	Water		[illegible]																							
5	[illegible]	[illegible]	[illegible]	Water	1	[illegible]																							
6	[illegible]	[illegible]	[illegible]	Water	1	[illegible]																							
7	[illegible]	[illegible]	[illegible]	Water	1	[illegible]																							
8	[illegible]	[illegible]	[illegible]	Water	1	[illegible]																							
9	[illegible]	[illegible]	[illegible]	Water	1	[illegible]																							
10																													
11																													
12																													
13																													
14																													
15																													

Note: Please analyze all samples on [illegible] [illegible] preservation [illegible] = HNO3, [illegible] = [illegible], [illegible] = [illegible]

[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

[illegible]

Page [illegible]

Chain of Custody Record & Laboratory Analysis Request

Client	
Project Manager	
Project Number	
Project Name	
Project Location	
Sampler Name	

Line	Field Sample ID	Collected Date	Collected Time	Matrix	No. of Containers	Parameters															Comments/Preservation
1																					
2																					
3																					
4																					
5																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					
13																					
14																					
15																					

Jessica Gein
6720 SW Macadam Ave
Suite 125
Portland OR 97219

Comments/Preservation

Relinquished by	Company	Received by	Company
Relinquished by	Date/Time	Received by	Date/Time
Relinquished by	Company	Received by	Company
Relinquished by	Date/Time	Received by	Date/Time

Page 1 of 3

Cooler Receipt and Preservation Form

Client: _____ Service Request: R2[illegible]

Received: [illegible] Opened: [illegible] By: [illegible] Unpacked: [illegible] By: [illegible]

1. Was cooler received in good condition? USPS Fed Ex UPS DHL FDX Courier Hand Delivered
2. Was custody seal on cooler intact and signature matching? Yes No
3. Was custody papers properly filled out (ink, signature, etc.)? Y N
   Is proper number of containers received? Y N
4. Was temperature blank present in cooler? Y N
5. Was sample received in a suitable condition for analysis? Y N
   If not, was the temperature of the sample bottle upon receipt within the acceptable range? Y N
6. Was sample received in the method specified temperature range? Y N
   If not, was the sample received on ice and within 6 hours of collection? Y N

Please indicate if these samples are to be analyzed: Immediately Normally Planned Planned

Temp Blank	Sample Temp	IR Gun	Cooler #/COC ID # (N/A)	Out of temp indicator with "X"	PM Notified if out of temp	Tracking Number (AR)	Filed
[illegible]						[illegible]	

4. Custody seals intact: Intact Broken Broken & Resealed Not Present Not Applicable Other ____
7. Was custody paper properly filled out (ink, signature, etc.)? Y N
8. Was sample received in good condition for analysis? Y N
9. Was all sample labels complete (i.e. analysis, preservation, etc.)? Y N
10. Did all sample labels and tags agree with custody papers? Y N
11. Was appropriate bottle/containers received for the tests indicated? Y N
12. Were bottles received for volatile analysis free of headspace? (Y) N
13. Were trip blank(s) received with VOA samples? (Y) N
14. Were VOA samples received? (Y) N

Sample ID on Bottle	Sample ID on COC	Identified by

Sample ID	Bottle Count Bottle Type	Headspace	Broke	pH	Reagent	Volume Added	Reagent Lot Number	Initials	Time

Notify if discrepancies. Resolution:

Miscellaneous Forms

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Anchor QEA, LLC **Service Request:** K2103161
Project: Grumman Road Landfill ACM/201114-05.01 Task 01

Sample Name: GR-COL-INF-9 **Date Collected:** 03/25/21
Lab Code: K2103161-001 **Date Received:** 03/30/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-1-9 **Date Collected:** 03/25/21
Lab Code: K2103161-002 **Date Received:** 03/30/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-2-9 **Date Collected:** 03/25/21
Lab Code: K2103161-003 **Date Received:** 03/30/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-3-9 **Date Collected:** 03/25/21
Lab Code: K2103161-004 **Date Received:** 03/30/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-4-9 **Date Collected:** 03/25/21
Lab Code: K2103161-005 **Date Received:** 03/30/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Client: Anchor QEA, LLC **Service Request:** K2103161
Project: Grumman Road Landfill ACM/201114-05.01 Task 01

Sample Name: GR-COL-5-9 **Date Collected:** 03/25/21
Lab Code: K2103161-006 **Date Received:** 03/30/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-6-9 **Date Collected:** 03/25/21
Lab Code: K2103161-007 **Date Received:** 03/30/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-7-9 **Date Collected:** 03/25/21
Lab Code: K2103161-008 **Date Received:** 03/30/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-8-9 **Date Collected:** 03/25/21
Lab Code: K2103161-009 **Date Received:** 03/30/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-INF-10 **Date Collected:** 03/26/21
Lab Code: K2103161-010 **Date Received:** 03/30/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Client: Anchor QEA, LLC **Service Request:** K2103161
Project: Grumman Road Landfill ACM/201114-05.01 Task 01

Sample Name: GR-COL-1-10 **Date Collected:** 03/26/21
Lab Code: K2103161-011 **Date Received:** 03/30/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-2-10 **Date Collected:** 03/26/21
Lab Code: K2103161-012 **Date Received:** 03/30/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-3-10 **Date Collected:** 03/26/21
Lab Code: K2103161-013 **Date Received:** 03/30/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-4-10 **Date Collected:** 03/26/21
Lab Code: K2103161-014 **Date Received:** 03/30/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-5-10 **Date Collected:** 03/26/21
Lab Code: K2103161-015 **Date Received:** 03/30/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Client: Anchor QEA, LLC **Service Request:** K2103161
Project: Grumman Road Landfill ACM/201114-05.01 Task 01

Sample Name: GR-COL-6-10 **Date Collected:** 03/26/21
Lab Code: K2103161-016 **Date Received:** 03/30/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-7-10 **Date Collected:** 03/26/21
Lab Code: K2103161-017 **Date Received:** 03/30/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-8-10 **Date Collected:** 03/26/21
Lab Code: K2103161-018 **Date Received:** 03/30/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-INF-11 **Date Collected:** 03/28/21
Lab Code: K2103161-019 **Date Received:** 03/30/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-1-11 **Date Collected:** 03/28/21
Lab Code: K2103161-020 **Date Received:** 03/30/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Client: Anchor QEA, LLC **Service Request:** K2103161
Project: Grumman Road Landfill ACM/201114-05.01 Task 01

Sample Name: GR-COL-2-11 **Date Collected:** 03/28/21
Lab Code: K2103161-021 **Date Received:** 03/30/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-3-11 **Date Collected:** 03/28/21
Lab Code: K2103161-022 **Date Received:** 03/30/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-4-11 **Date Collected:** 03/28/21
Lab Code: K2103161-023 **Date Received:** 03/30/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-5-11 **Date Collected:** 03/28/21
Lab Code: K2103161-024 **Date Received:** 03/30/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-6-11 **Date Collected:** 03/28/21
Lab Code: K2103161-025 **Date Received:** 03/30/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Client: Anchor QEA, LLC **Service Request:** K2103161
Project: Grumman Road Landfill ACM/201114-05.01 Task 01

Sample Name: GR-COL-7-11 **Date Collected:** 03/28/21
Lab Code: K2103161-026 **Date Received:** 03/30/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-8-11 **Date Collected:** 03/28/21
Lab Code: K2103161-027 **Date Received:** 03/30/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Results

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

Metals

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/25/21 15:30
Sample Matrix:	Water	**Date Received:**	03/30/21 09:45
Sample Name:	GR-COL-INF-9	**Basis:**	NA
Lab Code:	K2103161-001		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**159**	ug/L	21	5	1	04/02/21 13:39	03/31/21	
Boron	6010C	**724**	ug/L	42	3	1	04/02/21 13:39	03/31/21	
Molybdenum	6010C	**120**	ug/L	8.4	2.1	1	04/02/21 13:39	03/31/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/25/21 15:30
Sample Matrix:	Water	**Date Received:**	03/30/21 09:45
Sample Name:	GR-COL-1-9	**Basis:**	NA
Lab Code:	K2103161-002		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	ND U	ug/L	21	5	1	04/02/21 13:53	03/31/21	
Boron	6010C	**732**	ug/L	42	3	1	04/02/21 13:53	03/31/21	
Molybdenum	6010C	**133**	ug/L	8.4	2.1	1	04/02/21 13:53	03/31/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/25/21 15:30
Sample Matrix:	Water	**Date Received:**	03/30/21 09:45
Sample Name:	GR-COL-2-9	**Basis:**	NA
Lab Code:	K2103161-003		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**27**	ug/L	21	5	1	04/02/21 13:55	03/31/21	
Boron	6010C	**765**	ug/L	42	3	1	04/02/21 13:55	03/31/21	
Molybdenum	6010C	**117**	ug/L	8.4	2.1	1	04/02/21 13:55	03/31/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/25/21 15:30
Sample Matrix:	Water	**Date Received:**	03/30/21 09:45
Sample Name:	GR-COL-3-9	**Basis:**	NA
Lab Code:	K2103161-004		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**26**	ug/L	21	5	1	04/02/21 13:58	03/31/21	
Boron	6010C	**775**	ug/L	42	3	1	04/02/21 13:58	03/31/21	
Molybdenum	6010C	**128**	ug/L	8.4	2.1	1	04/02/21 13:58	03/31/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/25/21 15:30
Sample Matrix:	Water	**Date Received:**	03/30/21 09:45
Sample Name:	GR-COL-4-9	**Basis:**	NA
Lab Code:	K2103161-005		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**16 J**	ug/L	21	5	1	04/02/21 14:09	03/31/21	
Boron	6010C	**765**	ug/L	42	3	1	04/02/21 14:09	03/31/21	
Molybdenum	6010C	**88.1**	ug/L	8.4	2.1	1	04/02/21 14:09	03/31/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/25/21 15:30
Sample Matrix:	Water	**Date Received:**	03/30/21 09:45
Sample Name:	GR-COL-5-9	**Basis:**	NA
Lab Code:	K2103161-006		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**23**	ug/L	21	5	1	04/02/21 14:12	03/31/21	
Boron	6010C	**771**	ug/L	42	3	1	04/02/21 14:12	03/31/21	
Molybdenum	6010C	**153**	ug/L	8.4	2.1	1	04/02/21 14:12	03/31/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/25/21 15:30
Sample Matrix:	Water	**Date Received:**	03/30/21 09:45
Sample Name:	GR-COL-6-9	**Basis:**	NA
Lab Code:	K2103161-007		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**14 J**	ug/L	21	5	1	04/02/21 14:14	03/31/21	
Boron	6010C	**781**	ug/L	42	3	1	04/02/21 14:14	03/31/21	
Molybdenum	6010C	**114**	ug/L	8.4	2.1	1	04/02/21 14:14	03/31/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/25/21 15:30
Sample Matrix:	Water	**Date Received:**	03/30/21 09:45
Sample Name:	GR-COL-7-9	**Basis:**	NA
Lab Code:	K2103161-008		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**24**	ug/L	21	5	1	04/02/21 14:17	03/31/21	
Boron	6010C	**755**	ug/L	42	3	1	04/02/21 14:17	03/31/21	
Molybdenum	6010C	**146**	ug/L	8.4	2.1	1	04/02/21 14:17	03/31/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/25/21 15:30
Sample Matrix:	Water	**Date Received:**	03/30/21 09:45
Sample Name:	GR-COL-8-9	**Basis:**	NA
Lab Code:	K2103161-009		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**12 J**	ug/L	21	5	1	04/02/21 14:20	03/31/21	
Boron	6010C	**752**	ug/L	42	3	1	04/02/21 14:20	03/31/21	
Molybdenum	6010C	**84.3**	ug/L	8.4	2.1	1	04/02/21 14:20	03/31/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/26/21 12:30
Sample Matrix:	Water	**Date Received:**	03/30/21 09:45
Sample Name:	GR-COL-INF-10	**Basis:**	NA
Lab Code:	K2103161-010		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**166**	ug/L	21	5	1	04/02/21 14:23	03/31/21	
Boron	6010C	**745**	ug/L	42	3	1	04/02/21 14:23	03/31/21	
Molybdenum	6010C	**118**	ug/L	8.4	2.1	1	04/02/21 14:23	03/31/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/26/21 12:30
Sample Matrix:	Water	**Date Received:**	03/30/21 09:45
Sample Name:	GR-COL-1-10	**Basis:**	NA
Lab Code:	K2103161-011		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	ND U	ug/L	21	5	1	04/02/21 14:25	03/31/21	
Boron	6010C	**713**	ug/L	42	3	1	04/02/21 14:25	03/31/21	
Molybdenum	6010C	**132**	ug/L	8.4	2.1	1	04/02/21 14:25	03/31/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/26/21 12:30
Sample Matrix:	Water	**Date Received:**	03/30/21 09:45
Sample Name:	GR-COL-2-10	**Basis:**	NA
Lab Code:	K2103161-012		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**37**	ug/L	21	5	1	04/02/21 14:28	03/31/21	
Boron	6010C	**756**	ug/L	42	3	1	04/02/21 14:28	03/31/21	
Molybdenum	6010C	**118**	ug/L	8.4	2.1	1	04/02/21 14:28	03/31/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/26/21 12:30
Sample Matrix:	Water	**Date Received:**	03/30/21 09:45
Sample Name:	GR-COL-3-10	**Basis:**	NA
Lab Code:	K2103161-013		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**22**	ug/L	21	5	1	04/02/21 14:31	03/31/21	
Boron	6010C	**776**	ug/L	42	3	1	04/02/21 14:31	03/31/21	
Molybdenum	6010C	**124**	ug/L	8.4	2.1	1	04/02/21 14:31	03/31/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/26/21 12:30
Sample Matrix:	Water	**Date Received:**	03/30/21 09:45
Sample Name:	GR-COL-4-10	**Basis:**	NA
Lab Code:	K2103161-014		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**16 J**	ug/L	21	5	1	04/02/21 14:34	03/31/21	
Boron	6010C	**769**	ug/L	42	3	1	04/02/21 14:34	03/31/21	
Molybdenum	6010C	**94.3**	ug/L	8.4	2.1	1	04/02/21 14:34	03/31/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/26/21 12:30
Sample Matrix:	Water	**Date Received:**	03/30/21 09:45
Sample Name:	GR-COL-5-10	**Basis:**	NA
Lab Code:	K2103161-015		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**23**	ug/L	21	5	1	04/02/21 14:51	03/31/21	
Boron	6010C	**773**	ug/L	42	3	1	04/02/21 14:51	03/31/21	
Molybdenum	6010C	**141**	ug/L	8.4	2.1	1	04/02/21 14:51	03/31/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/26/21 12:30
Sample Matrix:	Water	**Date Received:**	03/30/21 09:45
Sample Name:	GR-COL-6-10	**Basis:**	NA
Lab Code:	K2103161-016		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**22**	ug/L	21	5	1	04/02/21 14:54	03/31/21	
Boron	6010C	**779**	ug/L	42	3	1	04/02/21 14:54	03/31/21	
Molybdenum	6010C	**116**	ug/L	8.4	2.1	1	04/02/21 14:54	03/31/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/26/21 12:30
Sample Matrix:	Water	**Date Received:**	03/30/21 09:45
Sample Name:	GR-COL-7-10	**Basis:**	NA
Lab Code:	K2103161-017		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**19 J**	ug/L	21	5	1	04/02/21 14:57	03/31/21	
Boron	6010C	**752**	ug/L	42	3	1	04/02/21 14:57	03/31/21	
Molybdenum	6010C	**143**	ug/L	8.4	2.1	1	04/02/21 14:57	03/31/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/26/21 12:30
Sample Matrix:	Water	**Date Received:**	03/30/21 09:45
Sample Name:	GR-COL-8-10	**Basis:**	NA
Lab Code:	K2103161-018		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**9**	**J**	ug/L	21	5	1	04/02/21 14:59	03/31/21	
Boron	6010C	**777**		ug/L	42	3	1	04/02/21 14:59	03/31/21	
Molybdenum	6010C	**100**		ug/L	8.4	2.1	1	04/02/21 14:59	03/31/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/28/21 15:35
Sample Matrix:	Water	**Date Received:**	03/30/21 09:45
Sample Name:	GR-COL-INF-11	**Basis:**	NA
Lab Code:	K2103161-019		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**169**	ug/L	21	5	1	04/02/21 15:02	03/31/21	
Boron	6010C	**747**	ug/L	42	3	1	04/02/21 15:02	03/31/21	
Molybdenum	6010C	**118**	ug/L	8.4	2.1	1	04/02/21 15:02	03/31/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/28/21 15:35
Sample Matrix:	Water	**Date Received:**	03/30/21 09:45
Sample Name:	GR-COL-1-11	**Basis:**	NA
Lab Code:	K2103161-020		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	ND U	ug/L	21	5	1	04/02/21 15:05	03/31/21	
Boron	6010C	**712**	ug/L	42	3	1	04/02/21 15:05	03/31/21	
Molybdenum	6010C	**131**	ug/L	8.4	2.1	1	04/02/21 15:05	03/31/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/28/21 15:35
Sample Matrix:	Water	**Date Received:**	03/30/21 09:45
Sample Name:	GR-COL-2-11	**Basis:**	NA
Lab Code:	K2103161-021		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**32**	ug/L	21	5	1	04/02/21 15:13	03/31/21	
Boron	6010C	**745**	ug/L	42	3	1	04/02/21 15:13	03/31/21	
Molybdenum	6010C	**118**	ug/L	8.4	2.1	1	04/02/21 15:13	03/31/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/28/21 15:35
Sample Matrix:	Water	**Date Received:**	03/30/21 09:45
Sample Name:	GR-COL-3-11	**Basis:**	NA
Lab Code:	K2103161-022		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**23**	ug/L	21	5	1	04/02/21 15:34	03/31/21	
Boron	6010C	**779**	ug/L	42	3	1	04/02/21 15:34	03/31/21	
Molybdenum	6010C	**124**	ug/L	8.4	2.1	1	04/02/21 15:34	03/31/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/28/21 15:35
Sample Matrix:	Water	**Date Received:**	03/30/21 09:45
Sample Name:	GR-COL-4-11	**Basis:**	NA
Lab Code:	K2103161-023		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**19 J**	ug/L	21	5	1	04/02/21 15:37	03/31/21	
Boron	6010C	**785**	ug/L	42	3	1	04/02/21 15:37	03/31/21	
Molybdenum	6010C	**103**	ug/L	8.4	2.1	1	04/02/21 15:37	03/31/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/28/21 15:35
Sample Matrix:	Water	**Date Received:**	03/30/21 09:45
Sample Name:	GR-COL-5-11	**Basis:**	NA
Lab Code:	K2103161-024		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**16**	**J**	ug/L	21	5	1	04/02/21 15:39	03/31/21	
Boron	6010C	**768**		ug/L	42	3	1	04/02/21 15:39	03/31/21	
Molybdenum	6010C	**133**		ug/L	8.4	2.1	1	04/02/21 15:39	03/31/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/28/21 15:35
Sample Matrix:	Water	**Date Received:**	03/30/21 09:45
Sample Name:	GR-COL-6-11	**Basis:**	NA
Lab Code:	K2103161-025		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**11 J**	ug/L	21	5	1	04/02/21 15:42	03/31/21	
Boron	6010C	**775**	ug/L	42	3	1	04/02/21 15:42	03/31/21	
Molybdenum	6010C	**113**	ug/L	8.4	2.1	1	04/02/21 15:42	03/31/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/28/21 15:35
Sample Matrix:	Water	**Date Received:**	03/30/21 09:45
Sample Name:	GR-COL-7-11	**Basis:**	NA
Lab Code:	K2103161-026		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**24**	ug/L	21	5	1	04/02/21 15:45	03/31/21	
Boron	6010C	**756**	ug/L	42	3	1	04/02/21 15:45	03/31/21	
Molybdenum	6010C	**131**	ug/L	8.4	2.1	1	04/02/21 15:45	03/31/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/28/21 15:35
Sample Matrix:	Water	**Date Received:**	03/30/21 09:45
Sample Name:	GR-COL-8-11	**Basis:**	NA
Lab Code:	K2103161-027		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**11**	ug/L	21	5	1	04/02/21 15:48	03/31/21	**J**
Boron	6010C	**766**	ug/L	42	3	1	04/02/21 15:48	03/31/21	
Molybdenum	6010C	**97.7**	ug/L	8.4	2.1	1	04/02/21 15:48	03/31/21	

QC Summary Forms

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Metals

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2104977-02		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	ND	U	ug/L	21	5	1	04/02/21 13:34	03/31/21	
Boron	6010C	ND	U	ug/L	42	3	1	04/02/21 13:34	03/31/21	
Molybdenum	6010C	ND	U	ug/L	8.4	2.1	1	04/02/21 13:34	03/31/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2104978-02		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	ND	U	ug/L	21	5	1	04/02/21 15:07	03/31/21	
Boron	6010C	ND	U	ug/L	42	3	1	04/02/21 15:07	03/31/21	
Molybdenum	6010C	ND	U	ug/L	8.4	2.1	1	04/02/21 15:07	03/31/21	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/25/21
Sample Matrix:	Water	**Date Received:**	03/30/21
		Date Analyzed:	04/2/21
		Date Extracted:	03/31/21

Matrix Spike Summary
Dissolved Metals

Sample Name:	GR-COL-INF-9	**Units:**	ug/L
Lab Code:	K2103161-001	**Basis:**	NA
Analysis Method:	6010C		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2104977-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	159	1150	1000	99	75-125
Boron	724	1220	500	100	75-125
Molybdenum	120	1130	1000	101	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/28/21
Sample Matrix:	Water	**Date Received:**	03/30/21
		Date Analyzed:	04/2/21
		Date Extracted:	03/31/21

Matrix Spike Summary
Dissolved Metals

Sample Name:	GR-COL-2-11	**Units:**	ug/L
Lab Code:	K2103161-021	**Basis:**	NA
Analysis Method:	6010C		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2104978-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	32	1020	1000	99	75-125
Boron	745	1250	500	102	75-125
Molybdenum	118	1110	1000	99	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

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Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/25/21
Sample Matrix:	Water	**Date Received:**	03/30/21
		Date Analyzed:	04/02/21

Replicate Sample Summary
Dissolved Metals

Sample Name:	GR-COL-INF-9	**Units:**	ug/L
Lab Code:	K2103161-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2104977-03 Result	Average	RPD	RPD Limit
Arsenic	6010C	21	5	159	166	163	4	20
Boron	6010C	42	3	724	730	727	<1	20
Molybdenum	6010C	8.4	2.1	120	119	120	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Collected:**	03/28/21
Sample Matrix:	Water	**Date Received:**	03/30/21
		Date Analyzed:	04/02/21

Replicate Sample Summary
Dissolved Metals

Sample Name:	GR-COL-2-11	**Units:**	ug/L
Lab Code:	K2103161-021	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2104978-03 Result	Average	RPD	RPD Limit
Arsenic	6010C	21	5	32	30	31	6	20
Boron	6010C	42	3	745	758	752	2	20
Molybdenum	6010C	8.4	2.1	118	117	118	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Analyzed:**	04/02/21
Sample Matrix:	Water		

Lab Control Sample Summary
Dissolved Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2104977-01

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6010C	2400	2500	96	80-120
Boron	6010C	489	500	98	80-120
Molybdenum	6010C	991	1000	99	80-120

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103161
Project:	Grumman Road Landfill ACM/201114-05.01 Task 01	**Date Analyzed:**	04/02/21
Sample Matrix:	Water		

Lab Control Sample Summary
Dissolved Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2104978-01

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6010C	2390	2500	96	80-120
Boron	6010C	493	500	99	80-120
Molybdenum	6010C	976	1000	98	80-120

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April 14, 2021

Analytical Report for Service Request No: K2103530

Masa Kanematsu
Anchor QEA, LLC
6720 SW Macadam Avenue
Suite 125
Portland, OR 97219

RE: CCR-GR / 201114-05.01 Task 01

Dear Masa,

Enclosed are the results of the sample(s) submitted to our laboratory April 07, 2021
For your reference, these analyses have been assigned our service request number **K2103530.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3376. You may also contact me via email at Mark.Harris@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Mark Harris
Project Manager

ALS Environmental
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Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Case Narrative

ALS Environmental—Kelso Laboratory
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1317 South 13th Ave, Kelso, WA 98626 | 1-360-577-7222 | www.alsglobal.com

Client: Anchor QEA, LLC
Project: CCR-GR
Sample Matrix: Water

Service Request: K2103530
Date Received: 04/07/2021

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level II requested by the client.

Sample Receipt:

Ten water samples were received for analysis at ALS Environmental on 04/07/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

General Chemistry:

No significant anomalies were noted with this analysis.

Approved by _____ Date 04/14/2021

Chain of Custody

ALS Environmental—Kelso Laboratory
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www.alsglobal.com

Chain of Custody Record & Laboratory Analysis Request

Laboratory Number:	[illegible]
Date	[illegible]
Project Name	[illegible]
Address/Location	[illegible]
Project Manager	[illegible]
Project Number	[illegible]
Sampler (Print/Sign)	[illegible]

Line	Field Sample ID	Collection Date	Collection Time	Matrix	No. of Containers	Preservation															
1	[illegible]	[illegible]	[illegible]	[illegible]	3		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
2	[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]															[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]															[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]															[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]															[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]															[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]															[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]															[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]															[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]															[illegible]
11																					
12																					
13																					
14																					
15																					

[illegible]

[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

Jessica Gavin
6720 SW Macadam Ave
Suite 525
Portland OR 97219

Cooler Receipt and Preservation Form

Client [illegible] Service Request K[illegible]

Received [illegible] Opened [illegible] By [illegible] Unpacked [illegible] By [illegible]

1. Were custody seals on outer shipping container? USPS [illegible] UPS DHL FED EX Courier Hand Delivered
2. Were custody seals on cooler? Cooler Box Envelope Other NA
3. Were custody seals intact? NA Y N Were dates, times and signatures present?
   If present, were signatures correct? Y N If present, were dates and times correct? Y N
4. Were temperature blank containers received? NA Y N If yes, record the temperature in the appropriate column below.
   If no, take the temperature of a representative sample bottle immediately after the cooler is opened. Record the temperature. Sample Temp
5. Were samples received within the holding time? Sort samples by date. NA Y N
   If not, were the holding times met and samples analyzed? If not, notify the project manager and supervisor. NA Y N
6. Samples were received on: Ice Frozen Partially Thawed Thawed By [illegible]

Temp Blank	Sample Temp	IR Gun	Cooler #/COC ID/NA	Out of Temp Indicate with "I"	PM Notified If out of temp	Tracking Number	NA	Food
[illegible]		[illegible]				[illegible]		

7. Custody seals: Intact Broken Broken Wrap Cut Packs Wet Ice Dry Ice Blocks [illegible]
8. Were custody papers properly filled out (ink, signed, etc.)? NA Y N
9. Were samples received in good condition? NA Y N
10. Were all sample labels complete (i.e. analysis, preservation, etc.)? NA Y N
11. Did all sample labels and tags agree with custody papers? NA Y N
12. Were appropriate bottles/containers and volumes received for the tests indicated? NA Y N
13. Were the pH-preserved bottles (VOAs, HNO3, H2SO4, etc.) received at the appropriate pH? Indicate in the table below. NA Y N
14. Were VOA vials received without headspace? Indicate in the table below. NA Y N
15. Were CLP shipping containers intact? NA Y N

Sample ID on Bottle	Sample ID on COC	Identified by:

Sample ID	Bottle Count Bottle Type	Head-space	Broken	pH	Reagent	Volume added	Reagent Lot Number	Initials	Time

Notes, Discrepancies, Resolution

General Chemistry

ALS Environmental—Kelso Laboratory
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www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/6/21
Sample Matrix:	Water	**Date Received:**	04/7/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Chloride

Sample Name	Lab Code	Result	MRL	MDL	Dil.	Date Analyzed	Q
GR-COL-INF-20210406	K2103530-001	**4.41**	0.20	0.02	2	04/07/21 17:19	
Method Blank	K2103530-MB	ND U	0.10	0.007	1	04/07/21 14:18	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/06/21
Sample Matrix:	Water	**Date Received:**	04/07/21
		Date Analyzed:	04/07/21

Replicate Sample Summary
General Chemistry Parameters

Sample Name:	GR-COL-INF-20210406	**Units:**	mg/L
Lab Code:	K2103530-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample K2103530-001DUP Result	Average	RPD	RPD Limit
Chloride	300.0	0.20	0.02	4.41	4.13	4.27	7	20

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ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/06/21
Sample Matrix:	Water	**Date Received:**	04/07/21
		Date Analyzed:	04/7/21
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Chloride

Sample Name:	GR-COL-INF-20210406	**Units:**	mg/L
Lab Code:	K2103530-001	**Basis:**	NA
Analysis Method:	300.0		
Prep Method:	None		

		Matrix Spike K2103530-001MS			Duplicate Matrix Spike K2103530-001DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Chloride	4.41	11.7	8.00	91	11.6	8.00	90	90-110	1	20

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ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Analyzed:**	04/07/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Chloride

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	718939

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2103530-LCS1	5.00	5.00	100	90-110

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/06/21
Sample Matrix:	Water	**Date Received:**	04/07/21
		Date Analyzed:	04/07/21

Replicate Sample Summary
General Chemistry Parameters

Sample Name:	GR-COL-INF-20210406	**Units:**	mg/L
Lab Code:	K2103530-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample K2103530-001DUP Result	Average	RPD	RPD Limit
Fluoride	300.0	0.20	0.01	ND U	ND U	NC	NC	20

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Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/06/21
Sample Matrix:	Water	**Date Received:**	04/07/21
		Date Analyzed:	04/7/21
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Fluoride

Sample Name:	GR-COL-INF-20210406	**Units:**	mg/L
Lab Code:	K2103530-001	**Basis:**	NA
Analysis Method:	300.0		
Prep Method:	None		

		Matrix Spike K2103530-001MS			Duplicate Matrix Spike K2103530-001DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Fluoride	ND U	8.00	8.00	100	8.00	8.00	100	90-110	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

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Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Analyzed:**	04/07/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Fluoride

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	718939

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2103530-LCS1	4.70	5.00	94	90-110

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/6/21
Sample Matrix:	Water	**Date Received:**	04/7/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Nitrite as Nitrogen

Sample Name	Lab Code	Result		MRL	MDL	Dil.	Date Analyzed	Q
GR-COL-INF-20210406	K2103530-001	ND	U	0.10	0.006	2	04/07/21 17:19	
Method Blank	K2103530-MB	ND	U	0.050	0.003	1	04/07/21 14:18	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/06/21
Sample Matrix:	Water	**Date Received:**	04/07/21
		Date Analyzed:	04/07/21

Replicate Sample Summary
General Chemistry Parameters

Sample Name:	GR-COL-INF-20210406	**Units:**	mg/L
Lab Code:	K2103530-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample K2103530-001DUP Result	Average	RPD	RPD Limit
Nitrite as Nitrogen	300.0	0.10	0.006	ND U	ND U	NC	NC	20

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/06/21
Sample Matrix:	Water	**Date Received:**	04/07/21
		Date Analyzed:	04/7/21
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Nitrite as Nitrogen

Sample Name:	GR-COL-INF-20210406	**Units:**	mg/L
Lab Code:	K2103530-001	**Basis:**	NA
Analysis Method:	300.0		
Prep Method:	None		

		Matrix Spike K2103530-001MS			Duplicate Matrix Spike K2103530-001DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Nitrite as Nitrogen	ND U	7.83	8.00	98	7.87	8.00	98	90-110	<1	20

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Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Analyzed:**	04/07/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Nitrite as Nitrogen

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	718939

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2103530-LCS1	2.44	2.50	98	90-110

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/6/21
Sample Matrix:	Water	**Date Received:**	04/7/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Nitrate as Nitrogen

Sample Name	Lab Code	Result	MRL	MDL	Dil.	Date Analyzed	Q
GR-COL-INF-20210406	K2103530-001	**0.04**	0.10	0.02	2	04/07/21 17:19	**J**
Method Blank	K2103530-MB	ND	0.050	0.007	1	04/07/21 14:18	U

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/06/21
Sample Matrix:	Water	**Date Received:**	04/07/21
		Date Analyzed:	04/07/21

Replicate Sample Summary
General Chemistry Parameters

Sample Name:	GR-COL-INF-20210406	**Units:**	mg/L
Lab Code:	K2103530-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample K2103530-001DUP Result	Average	RPD	RPD Limit
Nitrate as Nitrogen	300.0	0.10	0.02	0.04 J	0.04 J	0.0419	11	20

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/06/21
Sample Matrix:	Water	**Date Received:**	04/07/21
		Date Analyzed:	04/7/21
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Nitrate as Nitrogen

Sample Name:	GR-COL-INF-20210406	**Units:**	mg/L
Lab Code:	K2103530-001	**Basis:**	NA
Analysis Method:	300.0		
Prep Method:	None		

		Matrix Spike K2103530-001MS			Duplicate Matrix Spike K2103530-001DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Nitrate as Nitrogen	0.04 J	7.75	8.00	96	7.79	8.00	97	90-110	<1	20

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Analyzed:**	04/07/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Nitrate as Nitrogen

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	718939

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2103530-LCS1	2.41	2.50	97	90-110

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/6/21
Sample Matrix:	Water	**Date Received:**	04/7/21
Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Sulfate

Sample Name	Lab Code	Result	MRL	MDL	Dil.	Date Analyzed	Q
GR-COL-INF-20210406	K2103530-001	**71.1**	2.0	0.2	10	04/08/21 09:25	
Method Blank	K2103530-MB	ND U	0.20	0.02	1	04/07/21 14:18	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Analyzed:**	04/07/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Sulfate

Analysis Method:	300.0	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	718939

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2103530-LCS1	4.94	5.00	99	90-110

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/6/21
Sample Matrix:	Water	**Date Received:**	04/7/21
Analysis Method:	350.1	**Units:**	mg/L
Prep Method:	Method	**Basis:**	NA

Ammonia as Nitrogen

Sample Name	Lab Code	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
GR-COL-INF-20210406	K2103530-001	**0.254**	0.050	1	04/08/21 12:58	4/8/21	
Method Blank	K2103530-MB	ND U	0.050	1	04/08/21 12:58	4/8/21	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Analyzed:**	04/08/21
Sample Matrix:	Water	**Date Extracted:**	04/08/21

Lab Control Sample Summary
Ammonia as Nitrogen

Analysis Method:	350.1	**Units:**	mg/L
Prep Method:	Method	**Basis:**	NA
		Analysis Lot:	719137

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2103530-LCS1	5.64	5.36	105	86-114

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/6/21
Sample Matrix:	Water	**Date Received:**	04/7/21
Analysis Method:	SM 2320 B	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Alkalinity as CaCO3, Total

Sample Name	Lab Code	Result	MRL	MDL	Dil.	Date Analyzed	Q
GR-COL-INF-20210406	K2103530-001	**277**	15	3	1	04/12/21 13:58	
Method Blank	K2103530-MB	**6**	15	3	1	04/12/21 13:58	**J**

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Analyzed:**	04/12/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Alkalinity as CaCO3, Total

Analysis Method:	SM 2320 B	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	719373

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2103530-LCS1	38.4	37	103	90-110
Lab Control Sample	K2103530-LCS2	38.3	37	103	90-110

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/6/21
Sample Matrix:	Water	**Date Received:**	04/7/21
Analysis Method:	SM 4500-P E	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Orthophosphate as Phosphorus

Sample Name	Lab Code	Result		MRL	MDL	Dil.	Date Analyzed	Q
GR-COL-INF-20210406	K2103530-001	ND	U	0.050	0.020	1	04/08/21 09:05	
Method Blank	K2103530-MB	ND	U	0.050	0.020	1	04/08/21 09:05	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/06/21
Sample Matrix:	Water	**Date Received:**	04/07/21
		Date Analyzed:	04/08/21

Replicate Sample Summary
General Chemistry Parameters

Sample Name:	GR-COL-INF-20210406	**Units:**	mg/L
Lab Code:	K2103530-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample K2103530-001DUP Result	Average	RPD	RPD Limit
Orthophosphate as Phosphorus	SM 4500-P E	0.050	0.020	ND U	ND U	NC	NC	20

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/06/21
Sample Matrix:	Water	**Date Received:**	04/07/21
		Date Analyzed:	04/8/21
		Date Extracted:	NA

Duplicate Matrix Spike Summary
Orthophosphate as Phosphorus

Sample Name:	GR-COL-INF-20210406	**Units:**	mg/L
Lab Code:	K2103530-001	**Basis:**	NA
Analysis Method:	SM 4500-P E		
Prep Method:	None		

		Matrix Spike K2103530-001MS			**Duplicate Matrix Spike** K2103530-001DMS					
Analyte Name	**Sample Result**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Orthophosphate as Phosphorus	ND U	0.82	0.80	102	0.83	0.80	104	75-125	2	20

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Analyzed:**	04/08/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Orthophosphate as Phosphorus

Analysis Method:	SM 4500-P E	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	719112

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2103530-LCS1	1.45	1.57	92	85-115

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/6/21
Sample Matrix:	Water	**Date Received:**	04/7/21
Analysis Method:	SM 5310 C	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA

Carbon, Total Organic

Sample Name	Lab Code	Result	MRL	MDL	Dil.	Date Analyzed	Q
GR-COL-INF-20210406	K2103530-001	**25.9**	0.50	0.07	1	04/13/21 18:46	
Method Blank	K2103530-MB	ND U	0.50	0.07	1	04/13/21 18:46	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Analyzed:**	04/13/21
Sample Matrix:	Water	**Date Extracted:**	NA

Lab Control Sample Summary
Carbon, Total Organic

Analysis Method:	SM 5310 C	**Units:**	mg/L
Prep Method:	None	**Basis:**	NA
		Analysis Lot:	719649

Sample Name	Lab Code	Result	Spike Amount	% Rec	% Rec Limits
Lab Control Sample	K2103530-LCS1	23.7	25.0	95	83-117

Metals

ALS Environmental—Kelso Laboratory
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/06/21 13:00
Sample Matrix:	Water	**Date Received:**	04/07/21 10:30
Sample Name:	GR-COL-INF-20210406	**Basis:**	NA
Lab Code:	K2103530-001		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aluminum	6010C	**59**		ug/L	21	5	1	04/13/21 10:25	04/09/21	
Antimony	6010C	ND	U	ug/L	21	7	1	04/13/21 10:25	04/09/21	
Arsenic	6010C	**164**		ug/L	21	5	1	04/13/21 10:25	04/09/21	
Barium	6010C	**46.3**		ug/L	4.2	0.9	1	04/13/21 10:25	04/09/21	
Beryllium	6010C	ND	U	ug/L	1.1	0.3	1	04/13/21 10:25	04/09/21	
Boron	6010C	**756**		ug/L	21	3	1	04/13/21 10:25	04/09/21	
Cadmium	6010C	ND	U	ug/L	1.1	0.4	1	04/13/21 10:25	04/09/21	
Calcium	6010C	**103000**		ug/L	21	3	1	04/13/21 10:25	04/09/21	
Chromium	6010C	ND	U	ug/L	8.4	2.1	1	04/13/21 10:25	04/09/21	
Cobalt	6010C	ND	U	ug/L	2.1	0.7	1	04/13/21 10:25	04/09/21	
Iron	6010C	**1420**		ug/L	21	8	1	04/13/21 10:25	04/09/21	
Lead	6010C	ND	U	ug/L	11	3	1	04/13/21 10:25	04/09/21	
Lithium	6010C	ND	U	ug/L	21	6	1	04/13/21 10:25	04/09/21	
Magnesium	6010C	**19600**		ug/L	5.3	0.4	1	04/13/21 10:25	04/09/21	
Manganese	6010C	**298**		ug/L	1.1	0.2	1	04/13/21 10:25	04/09/21	
Molybdenum	6010C	**123**		ug/L	8.4	2.1	1	04/13/21 10:25	04/09/21	
Nickel	6010C	**1.4**	**J**	ug/L	4.2	0.9	1	04/13/21 10:25	04/09/21	
Potassium	6010C	**11300**		ug/L	210	60	1	04/13/21 10:25	04/09/21	
Selenium	6010C	ND	U	ug/L	21	7	1	04/13/21 10:25	04/09/21	
Silicon	6010C	**780**		ug/L	210	30	1	04/13/21 10:25	04/09/21	
Silver	6010C	ND	U	ug/L	8.4	2.1	1	04/13/21 10:25	04/09/21	
Sodium	6010C	**7370**		ug/L	210	30	1	04/13/21 10:25	04/09/21	
Thallium	6010C	ND	U	ug/L	11	4	1	04/13/21 10:25	04/09/21	
Zinc	6010C	ND	U	ug/L	4.2	0.5	1	04/13/21 10:25	04/09/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/06/21 13:00
Sample Matrix:	Water	**Date Received:**	04/07/21 10:30
Sample Name:	GR-COL-INF-20210406	**Basis:**	NA
Lab Code:	K2103530-001		

Total Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aluminum	6010C	**61**	ug/L	21	5	1	04/13/21 10:10	04/09/21	
Iron	6010C	**1470**	ug/L	21	8	1	04/13/21 10:10	04/09/21	
Manganese	6010C	**298**	ug/L	1.1	0.2	1	04/13/21 10:10	04/09/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/02/21 14:00
Sample Matrix:	Water	**Date Received:**	04/07/21 10:30
Sample Name:	GR-COL-INF-13	**Basis:**	NA
Lab Code:	K2103530-002		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**154**	ug/L	21	5	1	04/13/21 10:36	04/09/21	
Boron	6010C	**721**	ug/L	21	3	1	04/13/21 10:36	04/09/21	
Molybdenum	6010C	**119**	ug/L	8.4	2.1	1	04/13/21 10:36	04/09/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/02/21 14:00
Sample Matrix:	Water	**Date Received:**	04/07/21 10:30
Sample Name:	GR-COL-1-13	**Basis:**	NA
Lab Code:	K2103530-003		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	ND U	ug/L	21	5	1	04/13/21 10:38	04/09/21	
Boron	6010C	**713**	ug/L	21	3	1	04/13/21 10:38	04/09/21	
Molybdenum	6010C	**121**	ug/L	8.4	2.1	1	04/13/21 10:38	04/09/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/02/21 14:00
Sample Matrix:	Water	**Date Received:**	04/07/21 10:30
Sample Name:	GR-COL-2-13	**Basis:**	NA
Lab Code:	K2103530-004		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**32**	ug/L	21	5	1	04/13/21 10:41	04/09/21	
Boron	6010C	**731**	ug/L	21	3	1	04/13/21 10:41	04/09/21	
Molybdenum	6010C	**119**	ug/L	8.4	2.1	1	04/13/21 10:41	04/09/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/02/21 14:00
Sample Matrix:	Water	**Date Received:**	04/07/21 10:30
Sample Name:	GR-COL-3-13	**Basis:**	NA
Lab Code:	K2103530-005		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**39**	ug/L	21	5	1	04/13/21 10:44	04/09/21	
Boron	6010C	**747**	ug/L	21	3	1	04/13/21 10:44	04/09/21	
Molybdenum	6010C	**121**	ug/L	8.4	2.1	1	04/13/21 10:44	04/09/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/02/21 14:00
Sample Matrix:	Water	**Date Received:**	04/07/21 10:30
Sample Name:	GR-COL-4-13	**Basis:**	NA
Lab Code:	K2103530-006		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**26**	ug/L	21	5	1	04/13/21 10:46	04/09/21	
Boron	6010C	**746**	ug/L	21	3	1	04/13/21 10:46	04/09/21	
Molybdenum	6010C	**94.3**	ug/L	8.4	2.1	1	04/13/21 10:46	04/09/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/02/21 14:00
Sample Matrix:	Water	**Date Received:**	04/07/21 10:30
Sample Name:	GR-COL-5-13	**Basis:**	NA
Lab Code:	K2103530-007		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**32**	ug/L	21	5	1	04/13/21 10:49	04/09/21	
Boron	6010C	**744**	ug/L	21	3	1	04/13/21 10:49	04/09/21	
Molybdenum	6010C	**128**	ug/L	8.4	2.1	1	04/13/21 10:49	04/09/21	

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dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/02/21 14:00
Sample Matrix:	Water	**Date Received:**	04/07/21 10:30
Sample Name:	GR-COL-6-13	**Basis:**	NA
Lab Code:	K2103530-008		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**7**	**J**	ug/L	21	5	1	04/13/21 10:52	04/09/21	
Boron	6010C	**749**		ug/L	21	3	1	04/13/21 10:52	04/09/21	
Molybdenum	6010C	**117**		ug/L	8.4	2.1	1	04/13/21 10:52	04/09/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/02/21 14:00
Sample Matrix:	Water	**Date Received:**	04/07/21 10:30
Sample Name:	GR-COL-7-13	**Basis:**	NA
Lab Code:	K2103530-009		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**16 J**	ug/L	21	5	1	04/13/21 10:55	04/09/21	
Boron	6010C	**731**	ug/L	21	3	1	04/13/21 10:55	04/09/21	
Molybdenum	6010C	**128**	ug/L	8.4	2.1	1	04/13/21 10:55	04/09/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/02/21 14:00
Sample Matrix:	Water	**Date Received:**	04/07/21 10:30
Sample Name:	GR-COL-8-13	**Basis:**	NA
Lab Code:	K2103530-010		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	ND U	ug/L	21	5	1	04/13/21 10:57	04/09/21	
Boron	6010C	**745**	ug/L	21	3	1	04/13/21 10:57	04/09/21	
Molybdenum	6010C	**103**	ug/L	8.4	2.1	1	04/13/21 10:57	04/09/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2105589-02		

Total Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aluminum	6010C	ND	U	ug/L	21	5	1	04/13/21 10:02	04/09/21	
Antimony	6010C	ND	U	ug/L	21	7	1	04/13/21 10:02	04/09/21	
Arsenic	6010C	ND	U	ug/L	21	5	1	04/13/21 10:02	04/09/21	
Barium	6010C	ND	U	ug/L	4.2	0.9	1	04/13/21 10:02	04/09/21	
Beryllium	6010C	ND	U	ug/L	1.1	0.3	1	04/13/21 10:02	04/09/21	
Boron	6010C	ND	U	ug/L	21	3	1	04/13/21 10:02	04/09/21	
Cadmium	6010C	ND	U	ug/L	1.1	0.4	1	04/13/21 10:02	04/09/21	
Calcium	6010C	ND	U	ug/L	21	3	1	04/13/21 10:02	04/09/21	
Chromium	6010C	ND	U	ug/L	8.4	2.1	1	04/13/21 10:02	04/09/21	
Cobalt	6010C	ND	U	ug/L	2.1	0.7	1	04/13/21 10:02	04/09/21	
Iron	6010C	ND	U	ug/L	21	8	1	04/13/21 10:02	04/09/21	
Lead	6010C	ND	U	ug/L	11	3	1	04/13/21 10:02	04/09/21	
Lithium	6010C	ND	U	ug/L	21	6	1	04/13/21 10:02	04/09/21	
Magnesium	6010C	ND	U	ug/L	5.3	0.4	1	04/13/21 10:02	04/09/21	
Manganese	6010C	ND	U	ug/L	1.1	0.2	1	04/13/21 10:02	04/09/21	
Molybdenum	6010C	ND	U	ug/L	8.4	2.1	1	04/13/21 10:02	04/09/21	
Nickel	6010C	ND	U	ug/L	4.2	0.9	1	04/13/21 10:02	04/09/21	
Potassium	6010C	ND	U	ug/L	210	60	1	04/13/21 10:02	04/09/21	
Selenium	6010C	ND	U	ug/L	21	7	1	04/13/21 10:02	04/09/21	
Silicon	6010C	**30**	**J**	ug/L	210	30	1	04/13/21 10:02	04/09/21	
Silver	6010C	ND	U	ug/L	8.4	2.1	1	04/13/21 10:02	04/09/21	
Sodium	6010C	ND	U	ug/L	210	30	1	04/13/21 10:02	04/09/21	
Thallium	6010C	**6**	**J**	ug/L	11	4	1	04/13/21 10:02	04/09/21	
Zinc	6010C	ND	U	ug/L	4.2	0.5	1	04/13/21 10:02	04/09/21	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/06/21
Sample Matrix:	Water	**Date Received:**	04/07/21
		Date Analyzed:	04/13/21

Replicate Sample Summary
Total Metals

Sample Name:	GR-COL-INF-20210406	**Units:**	ug/L
Lab Code:	K2103530-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2105589-03 Result	Average	RPD	RPD Limit
Aluminum	6010C	21	5	61	59	60	3	20
Antimony	6010C	21	7	ND U	ND U	ND	-	20
Arsenic	6010C	21	5	165	166	166	<1	20
Barium	6010C	4.2	0.9	46.1	46.1	46.1	<1	20
Beryllium	6010C	1.1	0.3	ND U	ND U	ND	-	20
Boron	6010C	21	3	729	724	727	<1	20
Cadmium	6010C	1.1	0.4	ND U	ND U	ND	-	20
Calcium	6010C	21	3	104000	104000	104000	<1	20
Chromium	6010C	8.4	2.1	ND U	ND U	ND	-	20
Cobalt	6010C	2.1	0.7	ND U	ND U	ND	-	20
Iron	6010C	21	8	1470	1460	1470	<1	20
Lead	6010C	11	3	ND U	ND U	ND	-	20
Lithium	6010C	21	6	ND U	ND U	ND	-	20
Magnesium	6010C	5.3	0.4	19500	19400	19500	<1	20
Manganese	6010C	1.1	0.2	298	298	298	<1	20
Molybdenum	6010C	8.4	2.1	120	121	121	<1	20
Nickel	6010C	4.2	0.9	1.4 J	ND U	NC	NC	20
Potassium	6010C	210	60	11200	11200	11200	<1	20
Selenium	6010C	21	7	ND U	8 J	NC	NC	20
Silicon	6010C	210	30	770	760	770	1	20
Silver	6010C	8.4	2.1	ND U	ND U	ND	-	20
Sodium	6010C	210	30	7310	7290	7300	<1	20
Thallium	6010C	11	4	ND U	ND U	ND	-	20
Zinc	6010C	4.2	0.5	0.6 J	ND U	NC	NC	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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Superset Reference:

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/06/21
Sample Matrix:	Water	**Date Received:**	04/07/21
		Date Analyzed:	4/13/21

Matrix Spike Summary
Total Metals

Sample Name:	GR-COL-INF-20210406	**Units:**	ug/L
Lab Code:	K2103530-001	**Basis:**	NA

Matrix Spike
KQ2105589-04

Analyte Name	Method	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Aluminum	6010C	61	1860	2000	90	75-125
Antimony	6010C	ND U	470	500	94	75-125
Arsenic	6010C	165	1150	1000	99	75-125
Barium	6010C	46.1	1020	1000	97	75-125
Beryllium	6010C	ND U	48.2	50.0	96	75-125
Boron	6010C	729	1220	500	97	75-125
Cadmium	6010C	ND U	47.2	50.0	94	75-125
Calcium	6010C	104000	115000	10000	110 #	75-125
Chromium	6010C	ND U	196	200	98	75-125
Cobalt	6010C	ND U	479	500	96	75-125
Iron	6010C	1470	2440	1000	97	75-125
Lead	6010C	ND U	466	500	93	75-125
Lithium	6010C	ND U	9920	10000	99	75-125
Magnesium	6010C	19500	29400	10000	99	75-125
Manganese	6010C	298	787	500	98	75-125
Molybdenum	6010C	120	1140	1000	102	75-125
Nickel	6010C	1.4 J	472	500	94	75-125
Potassium	6010C	11200	21700	10000	104	75-125
Selenium	6010C	ND U	993	1000	99	75-125
Silver	6010C	ND U	47.0	50.0	94	75-125
Sodium	6010C	7310	17700	10000	104	75-125
Thallium	6010C	ND U	188	200	94	75-125
Zinc	6010C	0.6 J	471	500	94	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

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Superset Reference:

ALS Group USA, Corp.
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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/06/21
Sample Matrix:	Water	**Date Received:**	04/07/21
		Date Analyzed:	04/13/21
		Date Extracted:	04/9/21

Matrix Spike Summary
Total Metals

Sample Name:	GR-COL-INF-20210406	**Units:**	ug/L
Lab Code:	K2103530-001	**Basis:**	NA
Analysis Method:	6010C		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2105589-05

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Silicon	770	10800	10000	100	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Analyzed:**	04/13/21
Sample Matrix:	Water		

Lab Control Sample Summary
Total Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2105589-01

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Aluminum	6010C	4960	5000	99	80-120
Iron	6010C	2430	2500	97	80-120
Manganese	6010C	1220	1250	98	80-120

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QA/QC Report

Client: Anchor QEA, LLC
Project: CCR-GR/201114-05.01 Task 01
Sample Matrix: Water

Service Request: K2103530
Date Analyzed: 04/13/21

Lab Control Sample Summary
Total Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2105589-01

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Antimony	6010C	2050	2000	103	80-120
Arsenic	6010C	2480	2500	99	80-120
Barium	6010C	4850	5000	97	80-120
Beryllium	6010C	124	125	99	80-120
Boron	6010C	494	500	99	80-120
Cadmium	6010C	1230	1250	99	80-120
Calcium	6010C	12300	12500	98	80-120
Chromium	6010C	496	500	99	80-120
Cobalt	6010C	1210	1250	97	80-120
Lead	6010C	2430	2500	97	80-120
Lithium	6010C	9850	10000	98	80-120
Magnesium	6010C	12500	12500	100	80-120
Molybdenum	6010C	1010	1000	101	80-120
Nickel	6010C	1200	1250	96	80-120
Potassium	6010C	12700	12500	101	80-120
Selenium	6010C	2480	2500	99	80-120
Silver	6010C	598	625	96	80-120
Sodium	6010C	12500	12500	100	80-120
Thallium	6010C	2390	2500	96	80-120
Zinc	6010C	1210	1250	97	80-120

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103530
Project:	CCR-GR/201114-05.01 Task 01	**Date Analyzed:**	04/13/21
Sample Matrix:	Water		

Lab Control Sample Summary
Total Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2105589-06

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Silicon	6010C	10000	10000	100	80-120

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April 09, 2021

Analytical Report for Service Request No: K2103531

Masa Kanematsu
Anchor QEA, LLC
6720 SW Macadam Avenue
Suite 125
Portland, OR 97219

RE: CCR-GR / 201114-05.01 Task 01

Dear Masa,

Enclosed are the results of the sample(s) submitted to our laboratory April 07, 2021
For your reference, these analyses have been assigned our service request number **K2103531.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3376. You may also contact me via email at Mark.Harris@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Mark Harris
Project Manager

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Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Case Narrative

ALS Environmental—Kelso Laboratory
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1317 South 13th Ave, Kelso, WA 98626 | 1-360-577-7222 | www.alsglobal.com

Client: Anchor QEA, LLC
Project: CCR-GR
Sample Matrix: Water

Service Request: K2103531
Date Received: 04/07/2021

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level II requested by the client.

Sample Receipt:

Nine water samples were received for analysis at ALS Environmental on 04/07/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

Approved by _____ Date 04/09/2021

Chain of Custody

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

Chain of Custody Record & Laboratory Analysis Request

Laboratory Number	[illegible]
Date	[illegible]
Project Name	[illegible]
Project Number	[illegible]
Project Manager	[illegible]
Sampler Name	[illegible]
Chain of Custody	[illegible]

Item	Field Sample ID	Collection Date	Collection Time	Matrix	No. of Containers	Preservative	Preservative	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Comments/Requirements
1	[illegible]	[illegible]	[illegible]	Aqueous	[illegible]	[illegible]														[illegible]
2	[illegible]	[illegible]	[illegible]	Aqueous		[illegible]														[illegible]
3	[illegible]	[illegible]	[illegible]	Aqueous	[illegible]	[illegible]														[illegible]
4	[illegible]	[illegible]	[illegible]	Aqueous	[illegible]	[illegible]														[illegible]
5	[illegible]	[illegible]	[illegible]	Aqueous	[illegible]	[illegible]														[illegible]
6	[illegible]	[illegible]	[illegible]	Aqueous	[illegible]	[illegible]														[illegible]
7	[illegible]	[illegible]	[illegible]	Aqueous	[illegible]	[illegible]														[illegible]
8	[illegible]	[illegible]	[illegible]	Aqueous	[illegible]	[illegible]														[illegible]
9	[illegible]	[illegible]	[illegible]	Aqueous	[illegible]	[illegible]														[illegible]
10																				
11																				
12																				
13																				
14																				
15																				

Preservation

Analytical Laboratory
[illegible]
Jewett Scott
6720 SW Macadam Ave
Suite 125
Portland OR 97219

Relinquished by	Company	Received by	Company
[illegible]	[illegible]	[illegible]	[illegible]
Signature / Printed Name	Date / Time	Signature / Printed Name	Date / Time
[illegible]	[illegible]		
Relinquished by	Company	Received by	Company
Signature / Printed Name	Date / Time	Signature / Printed Name	Date / Time

[illegible]

Page [illegible] of [illegible]

PM

Cooler Receipt and Preservation Form

Client: Archer GCA Service Request: K[illegible]

Received: 4/7/21 Opened: 4/7/21 By: [illegible] Unloaded: 4/7/21 By: [illegible]

1. Sample were received via: USPS FedEx UPS DHL FDX Courier Hand Delivered
2. Samples were received in: (circle) Cooler Box Envelope Other N/A
3. Were custody seals on coolers? N/A Y N If yes, how many and where?
   If present, were custody seals intact? Y N If present, were they signed and dated? Y N
4. Were temperature blank present in coolers? N/A Y N If yes, record the temperature in the appropriate column below.
   If no, record the temperature of a representative sample bottle contained within the cooler, noted in the column "Sample Temp".
5. Were samples received within the method specified temperature range? N/A Y N
   If no, were they received on ice and same day as collected? If no, please explain below and notify the PM. N/A Y N
6. If applicable, were samples were received: Frozen Partially Thawed Thawed [illegible] for [illegible]

Temp Blank	Sample Temp	IR Gun	Cooler ID/COC ID #	Out of Temp Indicate with "X"	PM Notified If out of temp	Tracking Number N/A	Initial
1.7		1.6				7123 3500	

6. Packing material: Inserts Baggies Bubble Wrap Gel Packs Wet Ice Dry Ice Starch Wet ice
7. Were custody papers properly filled out (ink, signed, etc.)? N/A Y N
8. Were samples received in good condition/cleanliness? N/A Y N
9. Were all sample labels complete (i.e. analysis, preservation, etc.)? N/A Y N
10. Did all sample labels and tags agree with custody papers? N/A Y N
11. Were appropriate bottles/containers and volumes received for the tests indicated? N/A Y N
12. Were the pH-preserved bottles (see SW846/SM) received at the appropriate pH? Indicate in the table below. N/A Y N
13. Were VOA vials received without headspace? Indicate in the table below. Y N
14. Were LL Hg bottles? N/A Y N

Sample ID on Bottle	Sample ID on COC	Identified by:

Sample ID	Bottle Count Bottle Type	Headspace	Broke	pH	Reagent	Volume added	Reagent Lot Number	Initials	Time

Notes, Discrepancies, Resolutions

Metals

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103531
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/05/21 14:30
Sample Matrix:	Water	**Date Received:**	04/07/21 10:30
Sample Name:	GR-COL-INF-14	**Basis:**	NA
Lab Code:	K2103531-001		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**173**	ug/L	42	5	1	04/09/21 10:04	04/08/21	
Boron	6010C	**760**	ug/L	21	3	1	04/09/21 10:04	04/08/21	
Molybdenum	6010C	**123**	ug/L	8.4	2.1	1	04/09/21 10:04	04/08/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103531
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/05/21 14:30
Sample Matrix:	Water	**Date Received:**	04/07/21 10:30
Sample Name:	GR-COL-1-14	**Basis:**	NA
Lab Code:	K2103531-002		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**8 J**	ug/L	42	5	1	04/09/21 10:17	04/08/21	
Boron	6010C	**751**	ug/L	21	3	1	04/09/21 10:17	04/08/21	
Molybdenum	6010C	**127**	ug/L	8.4	2.1	1	04/09/21 10:17	04/08/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103531
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/05/21 14:30
Sample Matrix:	Water	**Date Received:**	04/07/21 10:30
Sample Name:	GR-COL-2-14	**Basis:**	NA
Lab Code:	K2103531-003		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**30 J**	ug/L	42	5	1	04/09/21 10:20	04/08/21	
Boron	6010C	**758**	ug/L	21	3	1	04/09/21 10:20	04/08/21	
Molybdenum	6010C	**119**	ug/L	8.4	2.1	1	04/09/21 10:20	04/08/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103531
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/05/21 14:30
Sample Matrix:	Water	**Date Received:**	04/07/21 10:30
Sample Name:	GR-COL-3-14	**Basis:**	NA
Lab Code:	K2103531-004		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**40 J**	ug/L	42	5	1	04/09/21 10:22	04/08/21	
Boron	6010C	**772**	ug/L	21	3	1	04/09/21 10:22	04/08/21	
Molybdenum	6010C	**120**	ug/L	8.4	2.1	1	04/09/21 10:22	04/08/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103531
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/05/21 14:30
Sample Matrix:	Water	**Date Received:**	04/07/21 10:30
Sample Name:	GR-COL-4-14	**Basis:**	NA
Lab Code:	K2103531-005		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**31 J**	ug/L	42	5	1	04/09/21 10:25	04/08/21	
Boron	6010C	**783**	ug/L	21	3	1	04/09/21 10:25	04/08/21	
Molybdenum	6010C	**107**	ug/L	8.4	2.1	1	04/09/21 10:25	04/08/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103531
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/05/21 14:30
Sample Matrix:	Water	**Date Received:**	04/07/21 10:30
Sample Name:	GR-COL-5-14	**Basis:**	NA
Lab Code:	K2103531-006		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**29 J**	ug/L	42	5	1	04/09/21 10:35	04/08/21	
Boron	6010C	**758**	ug/L	21	3	1	04/09/21 10:35	04/08/21	
Molybdenum	6010C	**130**	ug/L	8.4	2.1	1	04/09/21 10:35	04/08/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103531
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/05/21 14:30
Sample Matrix:	Water	**Date Received:**	04/07/21 10:30
Sample Name:	GR-COL-6-14	**Basis:**	NA
Lab Code:	K2103531-007		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**18 J**	ug/L	42	5	1	04/09/21 10:38	04/08/21	
Boron	6010C	**766**	ug/L	21	3	1	04/09/21 10:38	04/08/21	
Molybdenum	6010C	**118**	ug/L	8.4	2.1	1	04/09/21 10:38	04/08/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103531
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/05/21 14:30
Sample Matrix:	Water	**Date Received:**	04/07/21 10:30
Sample Name:	GR-COL-7-14	**Basis:**	NA
Lab Code:	K2103531-008		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**46**	ug/L	42	5	1	04/09/21 10:41	04/08/21	
Boron	6010C	**748**	ug/L	21	3	1	04/09/21 10:41	04/08/21	
Molybdenum	6010C	**123**	ug/L	8.4	2.1	1	04/09/21 10:41	04/08/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103531
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/05/21 14:30
Sample Matrix:	Water	**Date Received:**	04/07/21 10:30
Sample Name:	GR-COL-8-14	**Basis:**	NA
Lab Code:	K2103531-009		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**19 J**	ug/L	42	5	1	04/09/21 10:43	04/08/21	
Boron	6010C	**783**	ug/L	21	3	1	04/09/21 10:43	04/08/21	
Molybdenum	6010C	**110**	ug/L	8.4	2.1	1	04/09/21 10:43	04/08/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103531
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2105586-02		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	ND	U	ug/L	42	5	1	04/09/21 09:38	04/08/21	
Boron	6010C	ND	U	ug/L	21	3	1	04/09/21 09:38	04/08/21	
Molybdenum	6010C	ND	U	ug/L	8.4	2.1	1	04/09/21 09:38	04/08/21	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103531
Project	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/05/21
Sample Matrix:	Water	**Date Received:**	04/07/21
		Date Analyzed:	04/09/21

Replicate Sample Summary
Dissolved Metals

Sample Name:	GR-COL-INF-14	**Units:**	ug/L
Lab Code:	K2103531-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2105586-03 Result	Average	RPD	RPD Limit
Arsenic	6010C	42	5	173	173	173	<1	20
Boron	6010C	21	3	760	741	751	3	20
Molybdenum	6010C	8.4	2.1	123	121	122	2	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Printed 4/9/2021 3:50:39 PM

Superset Reference:

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103531
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/05/21
Sample Matrix:	Water	**Date Received:**	04/07/21
		Date Analyzed:	04/9/21
		Date Extracted:	04/8/21

Matrix Spike Summary
Dissolved Metals

Sample Name:	GR-COL-INF-14	**Units:**	ug/L
Lab Code:	K2103531-001	**Basis:**	NA
Analysis Method:	6010C		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2105586-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	173	1170	1000	99	75-125
Boron	760	1260	500	99	75-125
Molybdenum	123	1120	1000	100	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103531
Project:	CCR-GR/201114-05.01 Task 01	**Date Analyzed:**	04/09/21
Sample Matrix:	Water		

Lab Control Sample Summary
Dissolved Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2105586-01

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6010C	2500	2500	100	80-120
Boron	6010C	515	500	103	80-120
Molybdenum	6010C	1000	1000	100	80-120

April 19, 2021 Service Request No:K2103937

Masa Kanematsu
Anchor QEA, LLC
6720 SW Macadam Avenue
Suite 125
Portland, OR 97219

Laboratory Results for: CCR-GR

Dear Masa,

Enclosed are the results of the sample(s) submitted to our laboratory April 15, 2021
For your reference, these analyses have been assigned our service request number **K2103937.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3376. You may also contact me via email at Mark.Harris@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Mark Harris
Project Manager

ADDRESS 1317 S. 13th Avenue, Kelso, WA 98626
PHONE +1 360 577 7222 | FAX +1 360 636 1068
ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

ALS Environmental—Kelso Laboratory
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www.alsglobal.com

1317 South 13th Ave, Kelso, WA 98626 | 1-360-577-7222 | www.alsglobal.com

Client: Anchor QEA, LLC
Project: CCR-GR
Sample Matrix: Water

Service Request: K2103937
Date Received: 04/15/2021

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt:

Nine water samples were received for analysis at ALS Environmental on 04/15/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

Approved by _____ Date 04/19/2021

SAMPLE DETECTION SUMMARY

CLIENT ID: GR-COL-INF-17	Lab ID: K2103937-001					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	118		5	21	ug/L	6010C
Boron, Dissolved	761		3	21	ug/L	6010C
Molybdenum, Dissolved	119		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-1-17	Lab ID: K2103937-002					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Boron, Dissolved	728		3	21	ug/L	6010C
Molybdenum, Dissolved	126		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-2-17	Lab ID: K2103937-003					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	42		5	21	ug/L	6010C
Boron, Dissolved	751		3	21	ug/L	6010C
Molybdenum, Dissolved	118		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-3-17	Lab ID: K2103937-004					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	28		5	21	ug/L	6010C
Boron, Dissolved	772		3	21	ug/L	6010C
Molybdenum, Dissolved	119		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-4-17	Lab ID: K2103937-005					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	19	J	5	21	ug/L	6010C
Boron, Dissolved	781		3	21	ug/L	6010C
Molybdenum, Dissolved	112		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-5-17	Lab ID: K2103937-006					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	14	J	5	21	ug/L	6010C
Boron, Dissolved	755		3	21	ug/L	6010C
Molybdenum, Dissolved	127		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-6-17	Lab ID: K2103937-007					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	20	J	5	21	ug/L	6010C
Boron, Dissolved	777		3	21	ug/L	6010C
Molybdenum, Dissolved	116		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-7-17	Lab ID: K2103937-008					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	13	J	5	21	ug/L	6010C
Boron, Dissolved	755		3	21	ug/L	6010C
Molybdenum, Dissolved	136		2.1	8.4	ug/L	6010C

SAMPLE DETECTION SUMMARY

CLIENT ID: GR-COL-8-17			Lab ID: K2103937-009			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	11	J	5	21	ug/L	6010C
Boron, Dissolved	789		3	21	ug/L	6010C
Molybdenum, Dissolved	106		2.1	8.4	ug/L	6010C

Sample Receipt Information

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

Client: Anchor QEA, LLC **Service Request:**K2103937
Project: CCR-GR/201114-05.01 Task 01

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
K2103937-001	GR-COL-INF-17	4/13/2021	1350
K2103937-002	GR-COL-1-17	4/13/2021	1350
K2103937-003	GR-COL-2-17	4/13/2021	1350
K2103937-004	GR-COL-3-17	4/13/2021	1350
K2103937-005	GR-COL-4-17	4/13/2021	1350
K2103937-006	GR-COL-5-17	4/13/2021	1350
K2103937-007	GR-COL-6-17	4/13/2021	1350
K2103937-008	GR-COL-7-17	4/13/2021	1350
K2103937-009	GR-COL-8-17	4/13/2021	1350

Chain of Custody Record & Laboratory Analysis Request

Client	[illegible]
Project Name	[illegible]
Project Number	[illegible]
Project Manager	[illegible]
Sampler Name	[illegible]
Sampler Signature	[illegible]

Item	Field Sample ID	Collected Date	Collected Time	Matrix	No. of Containers	Filtered (Y/N)	Preserved (Y/N)	Parameters													Comments/Preservative
1	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]															[illegible]
2	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]															[illegible]
3	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]															[illegible]
4	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]															[illegible]
5	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]															[illegible]
6	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]															[illegible]
7	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]															[illegible]
8	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]															[illegible]
9	[illegible]	[illegible]	[illegible]	Water	[illegible]	[illegible]															[illegible]
10																					
11	[illegible]																				
12																					
13																					
14																					
15																					

[illegible]

[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

[illegible]

Cooler Receipt and Preservation Form

Client: Archer GCA (Service Request #): [illegible]

Received: 4/15/21 Opened: 4/15/21 By: [illegible] Unloaded: 4/15/21 By: [illegible]

1. Samples were received via? USPS FedEx UPS DHL FOX Courier Hand Delivered
2. Samples were received in cooler? Ice Chest Box Envelope Other N/A
3. Were custody seals on coolers? N/A Y N If yes, how many, and where?
   If present, were custody seals intact? Y N If present, were they signed and dated? Y N
4. Was a temperature blank present in cooler? N/A Y N If yes, record the temperature in the appropriate column below.
   If no, take the temperature of a representative sample bottle contained within the cooler, record in the column "Sample Temp".
5. Were samples received within the method specified temperature ranges? N/A Y N
   If no, were they received on ice and same day as collection? If not, record the cooler # below and notify the PM. N/A Y N
6. If applicable, cooler samples were received: Frozen Partially Thawed Thawed [illegible]

Temp Blank	Sample Temp	IR Gun	Cooler # or COC ID # N/A	Out of Temp Adjusted pH 2	Pass Modified Out of Temp	Tracking Number N/A	Initial
6.5		3.01				[illegible]	

7. Packing materials: Bubble Wrap Bubble Bags Cut Packs Wet Ice Dry Ice None
8. Were custody papers properly filled out (ink, signed, etc.)? N/A Y N
9. Were samples received in good condition (unbroken)? N/A Y N
10. Were all sample labels complete (i.e. analysis, preservation, etc.)? N/A Y N
11. Did all sample labels and tags agree with custody papers? N/A Y N
12. Were appropriate bottles/containers and volumes received for the tests indicated? N/A Y N
13. Were the pH-preserved bottles (see below) received at the appropriate pH? Indicate in the table below. N/A Y N
14. Were VOA vials free of air bubbles? Indicate in the table below. N/A Y N
15. Were CN vials free of sulfide? N/A Y N

Sample ID on Bottle	Sample ID on COC	Identified by:

Sample ID	Bottle Count Bottle Type	Head-space	Broken	pH	Reagent	Volume added	Reagent Lot Number	Initials	Time

Notes, ID discrepancies, Resolutions:

Miscellaneous Forms

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Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Anchor QEA, LLC
Project: CCR-GR/201114-05.01 Task 01
Service Request: K2103937

Sample Name: GR-COL-INF-17
Lab Code: K2103937-001
Sample Matrix: Water
Date Collected: 04/13/21
Date Received: 04/15/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	AMCKORNEY

Sample Name: GR-COL-1-17
Lab Code: K2103937-002
Sample Matrix: Water
Date Collected: 04/13/21
Date Received: 04/15/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	AMCKORNEY

Sample Name: GR-COL-2-17
Lab Code: K2103937-003
Sample Matrix: Water
Date Collected: 04/13/21
Date Received: 04/15/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	AMCKORNEY

Sample Name: GR-COL-3-17
Lab Code: K2103937-004
Sample Matrix: Water
Date Collected: 04/13/21
Date Received: 04/15/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	AMCKORNEY

Sample Name: GR-COL-4-17
Lab Code: K2103937-005
Sample Matrix: Water
Date Collected: 04/13/21
Date Received: 04/15/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	AMCKORNEY

Client: Anchor QEA, LLC
Project: CCR-GR/201114-05.01 Task 01
Service Request: K2103937

Sample Name: GR-COL-5-17
Lab Code: K2103937-006
Sample Matrix: Water
Date Collected: 04/13/21
Date Received: 04/15/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	AMCKORNEY

Sample Name: GR-COL-6-17
Lab Code: K2103937-007
Sample Matrix: Water
Date Collected: 04/13/21
Date Received: 04/15/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	AMCKORNEY

Sample Name: GR-COL-7-17
Lab Code: K2103937-008
Sample Matrix: Water
Date Collected: 04/13/21
Date Received: 04/15/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	AMCKORNEY

Sample Name: GR-COL-8-17
Lab Code: K2103937-009
Sample Matrix: Water
Date Collected: 04/13/21
Date Received: 04/15/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	AMCKORNEY

Sample Results

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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103937
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/13/21 13:50
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-INF-17	**Basis:**	NA
Lab Code:	K2103937-001		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**118**	ug/L	21	5	1	04/19/21 10:54	04/16/21	
Boron	6010C	**761**	ug/L	21	3	1	04/19/21 10:54	04/16/21	
Molybdenum	6010C	**119**	ug/L	8.4	2.1	1	04/19/21 10:54	04/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103937
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/13/21 13:50
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-1-17	**Basis:**	NA
Lab Code:	K2103937-002		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	ND U	ug/L	21	5	1	04/19/21 11:00	04/16/21	
Boron	6010C	**728**	ug/L	21	3	1	04/19/21 11:00	04/16/21	
Molybdenum	6010C	**126**	ug/L	8.4	2.1	1	04/19/21 11:00	04/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103937
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/13/21 13:50
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-2-17	**Basis:**	NA
Lab Code:	K2103937-003		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**42**	ug/L	21	5	1	04/19/21 11:03	04/16/21	
Boron	6010C	**751**	ug/L	21	3	1	04/19/21 11:03	04/16/21	
Molybdenum	6010C	**118**	ug/L	8.4	2.1	1	04/19/21 11:03	04/16/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103937
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/13/21 13:50
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-3-17	**Basis:**	NA
Lab Code:	K2103937-004		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**28**	ug/L	21	5	1	04/19/21 11:05	04/16/21	
Boron	6010C	**772**	ug/L	21	3	1	04/19/21 11:05	04/16/21	
Molybdenum	6010C	**119**	ug/L	8.4	2.1	1	04/19/21 11:05	04/16/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103937
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/13/21 13:50
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-4-17	**Basis:**	NA
Lab Code:	K2103937-005		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**19 J**	ug/L	21	5	1	04/19/21 11:08	04/16/21	
Boron	6010C	**781**	ug/L	21	3	1	04/19/21 11:08	04/16/21	
Molybdenum	6010C	**112**	ug/L	8.4	2.1	1	04/19/21 11:08	04/16/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103937
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/13/21 13:50
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-5-17	**Basis:**	NA
Lab Code:	K2103937-006		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**14 J**	ug/L	21	5	1	04/19/21 11:11	04/16/21	
Boron	6010C	**755**	ug/L	21	3	1	04/19/21 11:11	04/16/21	
Molybdenum	6010C	**127**	ug/L	8.4	2.1	1	04/19/21 11:11	04/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103937
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/13/21 13:50
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-6-17	**Basis:**	NA
Lab Code:	K2103937-007		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**20 J**	ug/L	21	5	1	04/19/21 11:13	04/16/21	
Boron	6010C	**777**	ug/L	21	3	1	04/19/21 11:13	04/16/21	
Molybdenum	6010C	**116**	ug/L	8.4	2.1	1	04/19/21 11:13	04/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103937
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/13/21 13:50
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-7-17	**Basis:**	NA
Lab Code:	K2103937-008		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**13 J**	ug/L	21	5	1	04/19/21 11:24	04/16/21	
Boron	6010C	**755**	ug/L	21	3	1	04/19/21 11:24	04/16/21	
Molybdenum	6010C	**136**	ug/L	8.4	2.1	1	04/19/21 11:24	04/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103937
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/13/21 13:50
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-8-17	**Basis:**	NA
Lab Code:	K2103937-009		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**11 J**	ug/L	21	5	1	04/19/21 11:27	04/16/21	
Boron	6010C	**789**	ug/L	21	3	1	04/19/21 11:27	04/16/21	
Molybdenum	6010C	**106**	ug/L	8.4	2.1	1	04/19/21 11:27	04/16/21	

QC Summary Forms

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103937
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2106184-02		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	ND	U	ug/L	21	5	1	04/19/21 10:49	04/16/21	
Boron	6010C	ND	U	ug/L	21	3	1	04/19/21 10:49	04/16/21	
Molybdenum	6010C	ND	U	ug/L	8.4	2.1	1	04/19/21 10:49	04/16/21	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103937
Project:	CCR-GR/201114-05.01 Task 01	**Date Analyzed:**	04/19/21
Sample Matrix:	Water		

Lab Control Sample Summary
Dissolved Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2106184-01

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6010C	2380	2500	95	80-120
Boron	6010C	498	500	100	80-120
Molybdenum	6010C	984	1000	98	80-120

April 23, 2021 Service Request No:K2103939

Masa Kanematsu
Anchor QEA, LLC
6720 SW Macadam Avenue
Suite 125
Portland, OR 97219

Laboratory Results for: CCR-GR

Dear Masa,

Enclosed are the results of the sample(s) submitted to our laboratory April 15, 2021
For your reference, these analyses have been assigned our service request number **K2103939.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3376. You may also contact me via email at Mark.Harris@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Mark Harris
Project Manager

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dba ALS Environmental

Narrative Documents

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Client: Anchor QEA, LLC
Project: CCR-GR
Sample Matrix: Water

Service Request: K2103939
Date Received: 04/15/2021

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt:

Nine water samples were received for analysis at ALS Environmental on 04/15/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

Approved by _____ Date 04/23/2021

SAMPLE DETECTION SUMMARY

CLIENT ID: GR-COL-INF-12			Lab ID: K2103939-001			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	173		5	21	ug/L	6010C
Boron, Dissolved	717		3	21	ug/L	6010C
Molybdenum, Dissolved	118		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-1-12			Lab ID: K2103939-002			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Boron, Dissolved	724		3	21	ug/L	6010C
Molybdenum, Dissolved	125		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-2-12			Lab ID: K2103939-003			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	25		5	21	ug/L	6010C
Boron, Dissolved	747		3	21	ug/L	6010C
Molybdenum, Dissolved	119		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-3-12			Lab ID: K2103939-004			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	27		5	21	ug/L	6010C
Boron, Dissolved	760		3	21	ug/L	6010C
Molybdenum, Dissolved	121		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-4-12			Lab ID: K2103939-005			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	25		5	21	ug/L	6010C
Boron, Dissolved	766		3	21	ug/L	6010C
Molybdenum, Dissolved	104		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-5-12			Lab ID: K2103939-006			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	20	J	5	21	ug/L	6010C
Boron, Dissolved	749		3	21	ug/L	6010C
Molybdenum, Dissolved	134		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-6-12			Lab ID: K2103939-007			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	6	J	5	21	ug/L	6010C
Boron, Dissolved	758		3	21	ug/L	6010C
Molybdenum, Dissolved	115		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-7-12			Lab ID: K2103939-008			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	6	J	5	21	ug/L	6010C
Boron, Dissolved	730		3	21	ug/L	6010C
Molybdenum, Dissolved	131		2.1	8.4	ug/L	6010C

SAMPLE DETECTION SUMMARY

CLIENT ID: GR-COL-8-12			Lab ID: K2103939-009			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Boron, Dissolved	751		3	21	ug/L	6010C
Molybdenum, Dissolved	106		2.1	8.4	ug/L	6010C

Sample Receipt Information

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

Client: Anchor QEA, LLC **Service Request:**K2103939
Project: CCR-GR/201114-05.01 Task 01

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
K2103939-001	GR-COL-INF-12	3/30/2021	1415
K2103939-002	GR-COL-1-12	3/30/2021	1415
K2103939-003	GR-COL-2-12	3/30/2021	1415
K2103939-004	GR-COL-3-12	3/30/2021	1415
K2103939-005	GR-COL-4-12	3/30/2021	1415
K2103939-006	GR-COL-5-12	3/30/2021	1415
K2103939-007	GR-COL-6-12	3/30/2021	1415
K2103939-008	GR-COL-7-12	3/30/2021	1415
K2103939-009	GR-COL-8-12	3/30/2021	1415

Chain of Custody Record & Laboratory Analysis Request

Date	[illegible]
Project Name	[illegible]
Project Number	[illegible]
Project Manager	[illegible]
Sampler Signature	[illegible]
Laboratory Manager	[illegible]

Item	Field Sample ID	Collection Date	Collection Time	Matrix	No. of Containers	Parameters
1	[illegible]	[illegible]	[illegible]	Aqu	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	Aqu	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	Aqu	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	Aqu	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	Aqu	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	Aqu	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	Aqu	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	Aqu	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	Aqu	[illegible]	[illegible]
10						
11						
12						
13						
14						
15						

Please analyze all analytes [illegible] or 8260 [illegible] Extended [illegible] Mo [illegible] Mo [illegible]

ANCHOR QEA

[illegible]
6720 SW Macadam Ave
Suite 125
Portland OR 97219

Comments/Requirements

Relinquished by	Company
Signature	Date/Time
Received by	Company
Signature	Date/Time
Relinquished by	Company
Signature	Date/Time
Received by	Company
Signature	Date/Time

[illegible]

Page [illegible]

Cooler Receipt and Preservation Form

Client: [illegible] Service Request #: [illegible]

Received: [illegible] Opened: [illegible] By: [illegible] Unloaded: [illegible] By: [illegible]

1. Samples were received via: USPS [illegible] FDX DHL FDX Courier Hand Delivered
2. Samples were received in coolers: Coolers Box Envelope Other N/A
3. Were custody seals on coolers? NA Y N If yes, how many and where:
   If present, were custody seals intact? Y N If present, were they signed and dated? Y N
4. Was a temperature blank present in cooler? NA Y N If yes, record the temperature in the appropriate column below.
   If no, take the temperature of a representative sample bottle contained within the cooler, notate in the column below. Sample Temp
5. Were samples received within the method specified temperature range? NA Y N
   If no, were they received on ice and same day as collected? If not, notate the cooler # below and notify the PM NA Y N
6. If applicable, have samples been frozen? Frozen Partially Thawed Thawed [illegible]

Temp Blank	Sample Temp	IR Gun	Cooler #/COC ID / NA	Out of temp indicate with "X"	PM Notified if out of temp	Tracking Number / NA	Filed
[illegible]		[illegible]				[illegible]	

7. Packing material: Inserts Bagged Bubble Wrap Foil Plastic Paper Dry Ice Starch
8. Were custody papers properly filled out (ink, signed, etc.)? NA Y N
9. Were samples received in good condition/cooler? NA Y N
10. Were all sample labels complete (i.e. analysis, preservation, etc.)? NA Y N
11. Did all sample labels and tags agree with custody papers? NA Y N
12. Were appropriate bottles/containers and volumes received for the tests indicated? NA Y N
13. Were the pH-preserved bottles (see SOW/SOP) received at the appropriate pH? Indicate exceptions below. NA Y N
14. Were VOA vials received without headspace? Indicate exceptions below. NA Y N
15. Were CLP Shipping Containers intact? NA Y N

Sample ID on Bottle	Sample ID on COC	Identified by:

Sample ID	Bottle Count Bottle Type	Head-space	Broke	pH	Reagent	Volume added	Reagent Lot Number	Initials	Time

Notes, Discrepancies, Resolutions

Miscellaneous Forms

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Anchor QEA, LLC **Service Request:** K2103939
Project: CCR-GR/201114-05.01 Task 01

Sample Name: GR-COL-INF-12 **Date Collected:** 03/30/21
Lab Code: K2103939-001 **Date Received:** 04/15/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-1-12 **Date Collected:** 03/30/21
Lab Code: K2103939-002 **Date Received:** 04/15/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-2-12 **Date Collected:** 03/30/21
Lab Code: K2103939-003 **Date Received:** 04/15/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-3-12 **Date Collected:** 03/30/21
Lab Code: K2103939-004 **Date Received:** 04/15/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-4-12 **Date Collected:** 03/30/21
Lab Code: K2103939-005 **Date Received:** 04/15/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Client: Anchor QEA, LLC
Project: CCR-GR/201114-05.01 Task 01
Service Request: K2103939

Sample Name: GR-COL-5-12
Lab Code: K2103939-006
Sample Matrix: Water
Date Collected: 03/30/21
Date Received: 04/15/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-6-12
Lab Code: K2103939-007
Sample Matrix: Water
Date Collected: 03/30/21
Date Received: 04/15/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-7-12
Lab Code: K2103939-008
Sample Matrix: Water
Date Collected: 03/30/21
Date Received: 04/15/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-8-12
Lab Code: K2103939-009
Sample Matrix: Water
Date Collected: 03/30/21
Date Received: 04/15/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Results

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
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www.alsglobal.com

Metals

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103939
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/30/21 14:15
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-INF-12	**Basis:**	NA
Lab Code:	K2103939-001		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**173**	ug/L	21	5	1	04/22/21 13:56	04/16/21	
Boron	6010C	**717**	ug/L	21	3	1	04/22/21 13:56	04/16/21	
Molybdenum	6010C	**118**	ug/L	8.4	2.1	1	04/22/21 13:56	04/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103939
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/30/21 14:15
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-1-12	**Basis:**	NA
Lab Code:	K2103939-002		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	ND U	ug/L	21	5	1	04/22/21 14:14	04/16/21	
Boron	6010C	**724**	ug/L	21	3	1	04/22/21 14:14	04/16/21	
Molybdenum	6010C	**125**	ug/L	8.4	2.1	1	04/22/21 14:14	04/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103939
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/30/21 14:15
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-2-12	**Basis:**	NA
Lab Code:	K2103939-003		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**25**	ug/L	21	5	1	04/22/21 14:17	04/16/21	
Boron	6010C	**747**	ug/L	21	3	1	04/22/21 14:17	04/16/21	
Molybdenum	6010C	**119**	ug/L	8.4	2.1	1	04/22/21 14:17	04/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103939
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/30/21 14:15
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-3-12	**Basis:**	NA
Lab Code:	K2103939-004		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**27**	ug/L	21	5	1	04/22/21 14:20	04/16/21	
Boron	6010C	**760**	ug/L	21	3	1	04/22/21 14:20	04/16/21	
Molybdenum	6010C	**121**	ug/L	8.4	2.1	1	04/22/21 14:20	04/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103939
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/30/21 14:15
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-4-12	**Basis:**	NA
Lab Code:	K2103939-005		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**25**	ug/L	21	5	1	04/22/21 14:22	04/16/21	
Boron	6010C	**766**	ug/L	21	3	1	04/22/21 14:22	04/16/21	
Molybdenum	6010C	**104**	ug/L	8.4	2.1	1	04/22/21 14:22	04/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103939
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/30/21 14:15
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-5-12	**Basis:**	NA
Lab Code:	K2103939-006		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**20 J**	ug/L	21	5	1	04/22/21 14:25	04/16/21	
Boron	6010C	**749**	ug/L	21	3	1	04/22/21 14:25	04/16/21	
Molybdenum	6010C	**134**	ug/L	8.4	2.1	1	04/22/21 14:25	04/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103939
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/30/21 14:15
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-6-12	**Basis:**	NA
Lab Code:	K2103939-007		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**6**	**J**	ug/L	21	5	1	04/22/21 14:28	04/16/21	
Boron	6010C	**758**		ug/L	21	3	1	04/22/21 14:28	04/16/21	
Molybdenum	6010C	**115**		ug/L	8.4	2.1	1	04/22/21 14:28	04/16/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103939
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/30/21 14:15
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-7-12	**Basis:**	NA
Lab Code:	K2103939-008		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**6 J**	ug/L	21	5	1	04/22/21 14:31	04/16/21	
Boron	6010C	**730**	ug/L	21	3	1	04/22/21 14:31	04/16/21	
Molybdenum	6010C	**131**	ug/L	8.4	2.1	1	04/22/21 14:31	04/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103939
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/30/21 14:15
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-8-12	**Basis:**	NA
Lab Code:	K2103939-009		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	ND U	ug/L	21	5	1	04/22/21 14:33	04/16/21	
Boron	6010C	**751**	ug/L	21	3	1	04/22/21 14:33	04/16/21	
Molybdenum	6010C	**106**	ug/L	8.4	2.1	1	04/22/21 14:33	04/16/21	

QC Summary Forms

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Metals

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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103939
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2106193-02		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	ND	U	ug/L	21	5	1	04/22/21 13:51	04/16/21	
Boron	6010C	**7**	**J**	ug/L	21	3	1	04/22/21 13:51	04/16/21	
Molybdenum	6010C	ND	U	ug/L	8.4	2.1	1	04/22/21 13:51	04/16/21	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103939
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/30/21
Sample Matrix:	Water	**Date Received:**	04/15/21
		Date Analyzed:	04/22/21
		Date Extracted:	04/16/21

Matrix Spike Summary
Dissolved Metals

Sample Name:	GR-COL-INF-12	**Units:**	ug/L
Lab Code:	K2103939-001	**Basis:**	NA
Analysis Method:	6010C		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2106193-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	173	1130	1000	96	75-125
Boron	717	1230	500	102	75-125
Molybdenum	118	1100	1000	98	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103939
Project	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/30/21
Sample Matrix:	Water	**Date Received:**	04/15/21
		Date Analyzed:	04/22/21

Replicate Sample Summary
Dissolved Metals

Sample Name:	GR-COL-INF-12	**Units:**	ug/L
Lab Code:	K2103939-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2106193-03 Result	Average	RPD	RPD Limit
Arsenic	6010C	21	5	173	175	174	1	20
Boron	6010C	21	3	717	730	724	2	20
Molybdenum	6010C	8.4	2.1	118	118	118	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.
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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103939
Project:	CCR-GR/201114-05.01 Task 01	**Date Analyzed:**	04/22/21
Sample Matrix:	Water		

Lab Control Sample Summary
Dissolved Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2106193-01

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6010C	2350	2500	94	80-120
Boron	6010C	487	500	97	80-120
Molybdenum	6010C	980	1000	98	80-120

April 23, 2021 Service Request No:K2103942

Masa Kanematsu
Anchor QEA, LLC
6720 SW Macadam Avenue
Suite 125
Portland, OR 97219

Laboratory Results for: CCR-GR

Dear Masa,

Enclosed are the results of the sample(s) submitted to our laboratory April 15, 2021
For your reference, these analyses have been assigned our service request number **K2103942.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3376. You may also contact me via email at Mark.Harris@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Mark Harris
Project Manager

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PHONE +1 360 577 7222 | FAX +1 360 636 1068
ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

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Client: Anchor QEA, LLC
Project: CCR-GR
Sample Matrix: Water

Service Request: K2103942
Date Received: 04/15/2021

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt:

Nine water samples were received for analysis at ALS Environmental on 04/15/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

Approved by _____ Date 04/23/2021

SAMPLE DETECTION SUMMARY

CLIENT ID: GR-COL-INF-15	Lab ID: K2103942-001					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	149		5	21	ug/L	6010C
Boron, Dissolved	711		3	21	ug/L	6010C
Molybdenum, Dissolved	115		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-1-15	Lab ID: K2103942-002					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Boron, Dissolved	740		3	21	ug/L	6010C
Molybdenum, Dissolved	119		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-2-15	Lab ID: K2103942-003					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	25		5	21	ug/L	6010C
Boron, Dissolved	749		3	21	ug/L	6010C
Molybdenum, Dissolved	117		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-3-15	Lab ID: K2103942-004					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	15	J	5	21	ug/L	6010C
Boron, Dissolved	759		3	21	ug/L	6010C
Molybdenum, Dissolved	121		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-4-15	Lab ID: K2103942-005					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	36		5	21	ug/L	6010C
Boron, Dissolved	767		3	21	ug/L	6010C
Molybdenum, Dissolved	98.3		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-5-15	Lab ID: K2103942-006					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	18	J	5	21	ug/L	6010C
Boron, Dissolved	744		3	21	ug/L	6010C
Molybdenum, Dissolved	133		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-6-15	Lab ID: K2103942-007					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	22		5	21	ug/L	6010C
Boron, Dissolved	770		3	21	ug/L	6010C
Molybdenum, Dissolved	114		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-7-15	Lab ID: K2103942-008					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	28		5	21	ug/L	6010C
Boron, Dissolved	733		3	21	ug/L	6010C
Molybdenum, Dissolved	126		2.1	8.4	ug/L	6010C

SAMPLE DETECTION SUMMARY

CLIENT ID: GR-COL-8-15			Lab ID: K2103942-009			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	15	J	5	21	ug/L	6010C
Boron, Dissolved	781		3	21	ug/L	6010C
Molybdenum, Dissolved	104		2.1	8.4	ug/L	6010C

Sample Receipt Information

ALS Environmental—Kelso Laboratory
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Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

Client: Anchor QEA, LLC **Service Request:**K2103942
Project: CCR-GR/201114-05.01 Task 01

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
K2103942-001	GR-COL-INF-15	4/8/2021	1315
K2103942-002	GR-COL-1-15	4/8/2021	1315
K2103942-003	GR-COL-2-15	4/8/2021	1315
K2103942-004	GR-COL-3-15	4/8/2021	1315
K2103942-005	GR-COL-4-15	4/8/2021	1315
K2103942-006	GR-COL-5-15	4/8/2021	1315
K2103942-007	GR-COL-6-15	4/8/2021	1315
K2103942-008	GR-COL-7-15	4/8/2021	1315
K2103942-009	GR-COL-8-15	4/8/2021	1315

Chain of Custody Record & Laboratory Analysis Request

Date	
Project Name	
Project Number	
Project Manager	
Sampler Signature	
Laboratory Contact	

Item	Field Sample ID	Collection Date	Collection Time	Matrix	No. of Containers	Parameters
1				Water	1	
2				Water	1	
3				Water	1	
4				Water	1	
5				Water	1	
6				Water	1	
7				Water	1	
8				Water	1	
9				Water	1	
10						
11						
12						
13						
14						
15						

ANCHOR QEA

Invoice Goes:
6720 SW Macadam Ave
Suite 125
Portland OR 97219

Comments/Preservatives

Page 2 of 4

Cooler Receipt and Preservation Form

Client: Arcadis GEA Service Request #: [illegible]

Received: 4/15/21 Opened: 4/15/21 By: [illegible] Unloaded: 4/15/21 By: [illegible]

1. Samples were received via: USPS Fed Ex UPS DHL FDX Courier Hand Delivered
2. Samples were received in: (Cooler) Box Envelope Other N/A
3. Were custody seals on coolers? N/A Y N If yes, how many and where?
   If present, were custody seals intact? Y N If present, were they signed and dated? Y N
4. Were temperature blanks present in cooler? N/A Y N If yes, record the temperature in the appropriate column below.
   If no, take the temperature of a representative sample from a container within the cooler, record in the column "Sample Temp".
5. Were samples received within the method specified temperature ranges? N/A Y N
   Did samples arrive on ice and were they in a cooler? If not, note the cooler # below and notify the PM. N/A Y N
6. If applicable, if samples were received: Frozen Partially Thawed Thawed Holds frozen?

Temp Blank	Sample Temp	IR Gun	Cooler #/COC ID #	Out of Range (outside of 0-6°C)	PM Notified (if out of range)	Tracking Number	Initials	Time
6.5		7.01				7734 4917 5526		

9. Packing material: Peanuts Baggies Bubble Wrap Gel Packs Wet Ice Dry Ice Sleeves
10. Were custody papers properly filled out (ink, signed, etc.)? N/A Y N
11. Were sample containers received in good condition (not broken)? N/A Y N
12. Were all sample labels complete (analysis, preservation, etc.)? N/A Y N
13. Did all sample labels and tags agree w/ custody papers? N/A Y N
14. Were appropriate bottles/containers and volumes received for the tests indicated? N/A Y N
15. Were the pH-preserved bottles (see SM/EPA/SW/SOP) received at the appropriate pH? Indicate in the table below. N/A Y N
16. Were VOA vials received without headspace? Indicate in the table below. N/A Y N
17. Were CN/S2 Preserved? N/A Y N

Sample ID on Bottle	Sample ID on COC	Identified by:

Sample ID	Bottle Count Bottle Type	Head-space	Broad	pH	Reagent	Volume added	Reagent Lot Number	Initials	Time

Notes, Discrepancies, Resolutions

Miscellaneous Forms

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Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Anchor QEA, LLC **Service Request:** K2103942
Project: CCR-GR/201114-05.01 Task 01

Sample Name: GR-COL-INF-15 **Date Collected:** 04/8/21
Lab Code: K2103942-001 **Date Received:** 04/15/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-1-15 **Date Collected:** 04/8/21
Lab Code: K2103942-002 **Date Received:** 04/15/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-2-15 **Date Collected:** 04/8/21
Lab Code: K2103942-003 **Date Received:** 04/15/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-3-15 **Date Collected:** 04/8/21
Lab Code: K2103942-004 **Date Received:** 04/15/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-4-15 **Date Collected:** 04/8/21
Lab Code: K2103942-005 **Date Received:** 04/15/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Client: Anchor QEA, LLC **Service Request:** K2103942
Project: CCR-GR/201114-05.01 Task 01

Sample Name: GR-COL-5-15 **Date Collected:** 04/8/21
Lab Code: K2103942-006 **Date Received:** 04/15/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-6-15 **Date Collected:** 04/8/21
Lab Code: K2103942-007 **Date Received:** 04/15/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-7-15 **Date Collected:** 04/8/21
Lab Code: K2103942-008 **Date Received:** 04/15/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-8-15 **Date Collected:** 04/8/21
Lab Code: K2103942-009 **Date Received:** 04/15/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Results

ALS Environmental—Kelso Laboratory
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103942
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/08/21 13:15
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-INF-15	**Basis:**	NA
Lab Code:	K2103942-001		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**149**	ug/L	21	5	1	04/22/21 14:36	04/16/21	
Boron	6010C	**711**	ug/L	21	3	1	04/22/21 14:36	04/16/21	
Molybdenum	6010C	**115**	ug/L	8.4	2.1	1	04/22/21 14:36	04/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103942
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/08/21 13:15
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-1-15	**Basis:**	NA
Lab Code:	K2103942-002		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	ND U	ug/L	21	5	1	04/22/21 14:39	04/16/21	
Boron	6010C	**740**	ug/L	21	3	1	04/22/21 14:39	04/16/21	
Molybdenum	6010C	**119**	ug/L	8.4	2.1	1	04/22/21 14:39	04/16/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103942
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/08/21 13:15
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-2-15	**Basis:**	NA
Lab Code:	K2103942-003		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**25**	ug/L	21	5	1	04/22/21 14:49	04/16/21	
Boron	6010C	**749**	ug/L	21	3	1	04/22/21 14:49	04/16/21	
Molybdenum	6010C	**117**	ug/L	8.4	2.1	1	04/22/21 14:49	04/16/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103942
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/08/21 13:15
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-3-15	**Basis:**	NA
Lab Code:	K2103942-004		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**15 J**	ug/L	21	5	1	04/22/21 14:52	04/16/21	
Boron	6010C	**759**	ug/L	21	3	1	04/22/21 14:52	04/16/21	
Molybdenum	6010C	**121**	ug/L	8.4	2.1	1	04/22/21 14:52	04/16/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103942
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/08/21 13:15
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-4-15	**Basis:**	NA
Lab Code:	K2103942-005		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**36**	ug/L	21	5	1	04/22/21 14:55	04/16/21	
Boron	6010C	**767**	ug/L	21	3	1	04/22/21 14:55	04/16/21	
Molybdenum	6010C	**98.3**	ug/L	8.4	2.1	1	04/22/21 14:55	04/16/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103942
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/08/21 13:15
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-5-15	**Basis:**	NA
Lab Code:	K2103942-006		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**18 J**	ug/L	21	5	1	04/22/21 14:58	04/16/21	
Boron	6010C	**744**	ug/L	21	3	1	04/22/21 14:58	04/16/21	
Molybdenum	6010C	**133**	ug/L	8.4	2.1	1	04/22/21 14:58	04/16/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103942
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/08/21 13:15
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-6-15	**Basis:**	NA
Lab Code:	K2103942-007		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**22**	ug/L	21	5	1	04/22/21 15:00	04/16/21	
Boron	6010C	**770**	ug/L	21	3	1	04/22/21 15:00	04/16/21	
Molybdenum	6010C	**114**	ug/L	8.4	2.1	1	04/22/21 15:00	04/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103942
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/08/21 13:15
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-7-15	**Basis:**	NA
Lab Code:	K2103942-008		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**28**	ug/L	21	5	1	04/22/21 15:03	04/16/21	
Boron	6010C	**733**	ug/L	21	3	1	04/22/21 15:03	04/16/21	
Molybdenum	6010C	**126**	ug/L	8.4	2.1	1	04/22/21 15:03	04/16/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103942
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/08/21 13:15
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-8-15	**Basis:**	NA
Lab Code:	K2103942-009		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**15 J**	ug/L	21	5	1	04/22/21 15:06	04/16/21	
Boron	6010C	**781**	ug/L	21	3	1	04/22/21 15:06	04/16/21	
Molybdenum	6010C	**104**	ug/L	8.4	2.1	1	04/22/21 15:06	04/16/21	

QC Summary Forms

ALS Environmental—Kelso Laboratory
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Metals

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dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103942
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2106193-02		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	ND	U	ug/L	21	5	1	04/22/21 13:51	04/16/21	
Boron	6010C	**7**	**J**	ug/L	21	3	1	04/22/21 13:51	04/16/21	
Molybdenum	6010C	ND	U	ug/L	8.4	2.1	1	04/22/21 13:51	04/16/21	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103942
Project:	CCR-GR/201114-05.01 Task 01	**Date Analyzed:**	04/22/21
Sample Matrix:	Water		

Lab Control Sample Summary
Dissolved Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2106193-01

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6010C	2350	2500	94	80-120
Boron	6010C	487	500	97	80-120
Molybdenum	6010C	980	1000	98	80-120

April 23, 2021 Service Request No:K2103946

Masa Kanematsu
Anchor QEA, LLC
6720 SW Macadam Avenue
Suite 125
Portland, OR 97219

Laboratory Results for: CCR-GR

Dear Masa,

Enclosed are the results of the sample(s) submitted to our laboratory April 15, 2021
For your reference, these analyses have been assigned our service request number **K2103946.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3376. You may also contact me via email at Mark.Harris@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Mark Harris
Project Manager

ADDRESS 1317 S. 13th Avenue, Kelso, WA 98626
PHONE +1 360 577 7222 | FAX +1 360 636 1068
ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

ALS Environmental—Kelso Laboratory
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1317 South 13th Ave, Kelso, WA 98626 | 1-360-577-7222 | www.alsglobal.com

Client: Anchor QEA, LLC
Project: CCR-GR
Sample Matrix: Water

Service Request: K2103946
Date Received: 04/15/2021

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt:

Nine water samples were received for analysis at ALS Environmental on 04/15/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

Approved by _____ Date 04/23/2021

SAMPLE DETECTION SUMMARY

CLIENT ID: GR-COL-INF-16	Lab ID: K2103946-001					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	153		5	21	ug/L	6010C
Boron, Dissolved	717		3	21	ug/L	6010C
Molybdenum, Dissolved	115		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-1-16	Lab ID: K2103946-002					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	12	J	5	21	ug/L	6010C
Boron, Dissolved	727		3	21	ug/L	6010C
Molybdenum, Dissolved	122		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-2-16	Lab ID: K2103946-003					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	33		5	21	ug/L	6010C
Boron, Dissolved	755		3	21	ug/L	6010C
Molybdenum, Dissolved	117		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-3-16	Lab ID: K2103946-004					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	28		5	21	ug/L	6010C
Boron, Dissolved	736		3	21	ug/L	6010C
Molybdenum, Dissolved	117		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-4-16	Lab ID: K2103946-005					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	31		5	21	ug/L	6010C
Boron, Dissolved	739		3	21	ug/L	6010C
Molybdenum, Dissolved	103		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-5-16	Lab ID: K2103946-006					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	16	J	5	21	ug/L	6010C
Boron, Dissolved	713		3	21	ug/L	6010C
Molybdenum, Dissolved	120		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-6-16	Lab ID: K2103946-007					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	16	J	5	21	ug/L	6010C
Boron, Dissolved	725		3	21	ug/L	6010C
Molybdenum, Dissolved	110		2.1	8.4	ug/L	6010C

CLIENT ID: GR-COL-7-16	Lab ID: K2103946-008					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	28		5	21	ug/L	6010C
Boron, Dissolved	703		3	21	ug/L	6010C
Molybdenum, Dissolved	123		2.1	8.4	ug/L	6010C

SAMPLE DETECTION SUMMARY

CLIENT ID: GR-COL-7-16	Lab ID: K2103946-008					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**

CLIENT ID: GR-COL-8-16	Lab ID: K2103946-009					
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
Arsenic, Dissolved	28		5	21	ug/L	6010C
Boron, Dissolved	746		3	21	ug/L	6010C
Molybdenum, Dissolved	101		2.1	8.4	ug/L	6010C

Sample Receipt Information

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360) 577-7222 Fax (360) 425-9096
www.alsglobal.com

Client: Anchor QEA, LLC **Service Request:**K2103946
Project: CCR-GR/201114-05.01 Task 01

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
K2103946-001	GR-COL-INF-16	4/11/2021	1040
K2103946-002	GR-COL-1-16	4/11/2021	1040
K2103946-003	GR-COL-2-16	4/11/2021	1040
K2103946-004	GR-COL-3-16	4/11/2021	1040
K2103946-005	GR-COL-4-16	4/11/2021	1040
K2103946-006	GR-COL-5-16	4/11/2021	1040
K2103946-007	GR-COL-6-16	4/11/2021	1040
K2103946-008	GR-COL-7-16	4/11/2021	1040
K2103946-009	GR-COL-8-16	4/11/2021	1040

Chain of Custody Record & Laboratory Analysis Request

[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

Line	Field Sample ID	Collection Date	Collection Time	Matrix	No. of Containers	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Comments/Preservatives
1	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]														[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]														[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]														[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]														[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]														[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]														[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]														[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]														[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]														[illegible]
10																				
11																				
12																				
13																				
14																				
15																				

Note: [illegible]

[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

[illegible]

Cooler Receipt and Preservation Form

Client: Anchor QEA Service Request #(s): [illegible]

Received: 4/15/21 Opened: 4/15/21 By: [illegible] Unloaded: 4/15/21 By: [illegible]

1. Samples were received via: USPS [illegible] UPS DHL FDX Courier Hand Delivered
2. Samples were received in: (Cooler) Box Envelope Other N/A
3. Were custody seals on cooler? N/A Y N If yes, how many and where?
   If present, were seals intact? Y N If present, were they signed and dated? Y N
4. Was a temperature blank present in cooler? N/A Y N If yes, record the temperature in the appropriate column below
   If no, take the temperature of a representative sample bottle contained within the cooler, record in the column "Sample Temp"
5. Were samples received at a temperature of 0.1°C - 6.0°C? N/A Y N
   If no, were they received on ice and same day as collected? If not, notify the client before analyzing the sample. N/A Y N
6. If applicable, trace samples were received: Frozen Partially Thawed Thawed [illegible]

Temp Blank	Sample Temp	IR Gun	Cooler #/COC ID #	Out of Temp Indicate with "X"	Sample Intact Indicate with "X"	Tracking Number	Initials	Hold
4.5		3.01				2132 4017 6026		

7. Packing material: Bubble Wrap / Gel Packs / Wet Ice / Dry Ice / Sleeves
8. Were custody papers properly filled out (ink, signed, etc.)? N/A Y N
9. Were samples received in good condition/within holding time? N/A Y N
10. Were all sample labels complete (i.e. analysis, preservation, etc.)? N/A Y N
11. Did all sample labels and tags agree with custody papers? N/A Y N
12. Were appropriate bottles/containers and volumes received for the tests indicated? N/A Y N
13. Were all preserved bottles (pH tested N/A for VOA) received at the appropriate pH? Indicate in the table below. N/A Y N
14. Were VOA vials received without headspace? Indicate in the table below. N/A Y N
15. Was LL Zero required? N/A Y N

Sample ID on Bottle	Sample ID on COC	Identified by:

Sample ID	Bottle Count Bottle Type	Headspace	Preservative	pH	Reagent	Volume added	Reagent Lot Number	Initials	Time

Notes, Discrepancies, Resolutions

Miscellaneous Forms

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Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Anchor QEA, LLC
Project: CCR-GR/201114-05.01 Task 01
Service Request: K2103946

Sample Name: GR-COL-INF-16
Lab Code: K2103946-001
Sample Matrix: Water
Date Collected: 04/11/21
Date Received: 04/15/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-1-16
Lab Code: K2103946-002
Sample Matrix: Water
Date Collected: 04/11/21
Date Received: 04/15/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-2-16
Lab Code: K2103946-003
Sample Matrix: Water
Date Collected: 04/11/21
Date Received: 04/15/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-3-16
Lab Code: K2103946-004
Sample Matrix: Water
Date Collected: 04/11/21
Date Received: 04/15/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-4-16
Lab Code: K2103946-005
Sample Matrix: Water
Date Collected: 04/11/21
Date Received: 04/15/21

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Client: Anchor QEA, LLC **Service Request:** K2103946
Project: CCR-GR/201114-05.01 Task 01

Sample Name: GR-COL-5-16 **Date Collected:** 04/11/21
Lab Code: K2103946-006 **Date Received:** 04/15/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-6-16 **Date Collected:** 04/11/21
Lab Code: K2103946-007 **Date Received:** 04/15/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-7-16 **Date Collected:** 04/11/21
Lab Code: K2103946-008 **Date Received:** 04/15/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Name: GR-COL-8-16 **Date Collected:** 04/11/21
Lab Code: K2103946-009 **Date Received:** 04/15/21
Sample Matrix: Water

Analysis Method	Extracted/Digested By	Analyzed By
6010C	ABOYER	RMOORE

Sample Results

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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103946
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/11/21 10:40
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-INF-16	**Basis:**	NA
Lab Code:	K2103946-001		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**153**	ug/L	21	5	1	04/22/21 13:11	04/16/21	
Boron	6010C	**717**	ug/L	21	3	1	04/22/21 13:11	04/16/21	
Molybdenum	6010C	**115**	ug/L	8.4	2.1	1	04/22/21 13:11	04/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103946
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/11/21 10:40
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-1-16	**Basis:**	NA
Lab Code:	K2103946-002		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**12 J**	ug/L	21	5	1	04/22/21 13:21	04/16/21	
Boron	6010C	**727**	ug/L	21	3	1	04/22/21 13:21	04/16/21	
Molybdenum	6010C	**122**	ug/L	8.4	2.1	1	04/22/21 13:21	04/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103946
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/11/21 10:40
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-2-16	**Basis:**	NA
Lab Code:	K2103946-003		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**33**	ug/L	21	5	1	04/22/21 13:24	04/16/21	
Boron	6010C	**755**	ug/L	21	3	1	04/22/21 13:24	04/16/21	
Molybdenum	6010C	**117**	ug/L	8.4	2.1	1	04/22/21 13:24	04/16/21	

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103946
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/11/21 10:40
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-3-16	**Basis:**	NA
Lab Code:	K2103946-004		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**28**	ug/L	21	5	1	04/22/21 13:26	04/16/21	
Boron	6010C	**736**	ug/L	21	3	1	04/22/21 13:26	04/16/21	
Molybdenum	6010C	**117**	ug/L	8.4	2.1	1	04/22/21 13:26	04/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103946
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/11/21 10:40
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-4-16	**Basis:**	NA
Lab Code:	K2103946-005		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**31**	ug/L	21	5	1	04/22/21 13:29	04/16/21	
Boron	6010C	**739**	ug/L	21	3	1	04/22/21 13:29	04/16/21	
Molybdenum	6010C	**103**	ug/L	8.4	2.1	1	04/22/21 13:29	04/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103946
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/11/21 10:40
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-5-16	**Basis:**	NA
Lab Code:	K2103946-006		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**16 J**	ug/L	21	5	1	04/22/21 13:40	04/16/21	
Boron	6010C	**713**	ug/L	21	3	1	04/22/21 13:40	04/16/21	
Molybdenum	6010C	**120**	ug/L	8.4	2.1	1	04/22/21 13:40	04/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103946
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/11/21 10:40
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-6-16	**Basis:**	NA
Lab Code:	K2103946-007		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**16 J**	ug/L	21	5	1	04/22/21 13:43	04/16/21	
Boron	6010C	**725**	ug/L	21	3	1	04/22/21 13:43	04/16/21	
Molybdenum	6010C	**110**	ug/L	8.4	2.1	1	04/22/21 13:43	04/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103946
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/11/21 10:40
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-7-16	**Basis:**	NA
Lab Code:	K2103946-008		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**28**	ug/L	21	5	1	04/22/21 13:45	04/16/21	
Boron	6010C	**703**	ug/L	21	3	1	04/22/21 13:45	04/16/21	
Molybdenum	6010C	**123**	ug/L	8.4	2.1	1	04/22/21 13:45	04/16/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103946
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/11/21 10:40
Sample Matrix:	Water	**Date Received:**	04/15/21 09:50
Sample Name:	GR-COL-8-16	**Basis:**	NA
Lab Code:	K2103946-009		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**28**	ug/L	21	5	1	04/22/21 13:48	04/16/21	
Boron	6010C	**746**	ug/L	21	3	1	04/22/21 13:48	04/16/21	
Molybdenum	6010C	**101**	ug/L	8.4	2.1	1	04/22/21 13:48	04/16/21	

QC Summary Forms

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103946
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2106195-02		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	ND	U	ug/L	21	5	1	04/22/21 13:08	04/16/21	
Boron	6010C	ND	U	ug/L	21	3	1	04/22/21 13:08	04/16/21	
Molybdenum	6010C	ND	U	ug/L	8.4	2.1	1	04/22/21 13:08	04/16/21	

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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103946
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/11/21
Sample Matrix:	Water	**Date Received:**	04/15/21
		Date Analyzed:	04/22/21
		Date Extracted:	04/16/21

Matrix Spike Summary
Dissolved Metals

Sample Name:	GR-COL-INF-16	**Units:**	ug/L
Lab Code:	K2103946-001	**Basis:**	NA
Analysis Method:	6010C		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2106195-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	153	1110	1000	95	75-125
Boron	717	1220	500	100	75-125
Molybdenum	115	1110	1000	99	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103946
Project	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/11/21
Sample Matrix:	Water	**Date Received:**	04/15/21
		Date Analyzed:	04/22/21

Replicate Sample Summary
Dissolved Metals

Sample Name:	GR-COL-INF-16	**Units:**	ug/L
Lab Code:	K2103946-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2106195-03 Result	Average	RPD	RPD Limit
Arsenic	6010C	21	5	153	148	151	3	20
Boron	6010C	21	3	717	724	721	<1	20
Molybdenum	6010C	8.4	2.1	115	117	116	2	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2103946
Project:	CCR-GR/201114-05.01 Task 01	**Date Analyzed:**	04/22/21
Sample Matrix:	Water		

Lab Control Sample Summary
Dissolved Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2106195-01

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6010C	2480	2500	99	80-120
Boron	6010C	509	500	102	80-120
Molybdenum	6010C	1020	1000	102	80-120

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April 26, 2021

Analytical Report for Service Request No: K2104156

Masa Kanematsu
Anchor QEA, LLC
6720 SW Macadam Avenue
Suite 125
Portland, OR 97219

RE: CCR-GR / 201114-05.01 Task 01

Dear Masa,

Enclosed are the results of the sample(s) submitted to our laboratory April 20, 2021
For your reference, these analyses have been assigned our service request number **K2104156.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3376. You may also contact me via email at Mark.Harris@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Mark Harris
Project Manager

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Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Case Narrative

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Client: Anchor QEA, LLC
Project: CCR-GR
Sample Matrix: Water

Service Request: K2104156
Date Received: 04/20/2021

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level II requested by the client.

Sample Receipt:

Nine water samples were received for analysis at ALS Environmental on 04/20/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

Approved by _____ Date 04/26/2021

Chain of Custody

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

Chain of Custody Record & Laboratory Analysis Request

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[illegible]	[illegible]
[illegible]	[illegible]
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Item	Field Sample ID	Collected Date	Collected Time	Matrix	No. of Containers	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Comments/Preservatives
1	[illegible]	[illegible]	[illegible]	Aqu	[illegible]	[illegible]															[illegible]
2	[illegible]	[illegible]	[illegible]	Aqu	[illegible]	[illegible]															[illegible]
3	[illegible]	[illegible]	[illegible]	Aqu	[illegible]	[illegible]															[illegible]
4	[illegible]	[illegible]	[illegible]	Aqu	[illegible]	[illegible]															[illegible]
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8	[illegible]	[illegible]	[illegible]	Aqu	[illegible]	[illegible]															[illegible]
9	[illegible]	[illegible]	[illegible]	Aqu	[illegible]	[illegible]															[illegible]
10																					
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14																					
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Note: [illegible]

[illegible]	[illegible]
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[illegible]	[illegible]
[illegible]	[illegible]

PM

Cooler Receipt and Preservation Form

Client Analysis QEA Service Request #2r

Received 4/20/21 Opened 4/20/21 By AP Unloaded 4/20/21 By AP

1. Samples were received via? USPS FedEx UPS DHL FDX Courier Hand Delivered
2. Samples were received in: (circle) Cooler Box Envelope Other N/A
3. Were custody seals on coolers? NA Y N If yes, how many and where?
   If present, were custody seals intact? Y N If present, were they signed and dated? Y N
4. Was a Temperature Blank present in cooler? NA Y N If yes, record the temperature in the appropriate column below
   If no, take the temperature of a representative sample bottle contained within the cooler and record in the column "Sample Temp"
5. Were samples received within the method specified temperature range? NA Y N
   If no, were they received on ice and same day as collected? If not, note the cooler # below and notify the PM NA Y N

If applicable, cooler samples were received: Frozen Partially Thawed Thawed

Temp Blank	Sample Temp	# Cont.	Cooler #(Circle ID #s)	Out of temp (indicate #s in °C)	PM Notified (Date of Notify)	Tracking Number NA	Seal
6.2		1				7734 3831 2050	

6. Packing material: Inserts Bubble Wrap Gel Packs Wet Ice Dry Ice None
7. Were custody papers properly filled out (ink, signed, etc.)? NA Y N
8. Were sample labels intact and legible? NA Y N
9. Were all sample labels complete (i.e. analysis, preservation, etc.)? NA Y N
10. Did all sample labels and tags agree with custody papers? NA Y N
11. Were appropriate bottles/containers and volumes received for the tests indicated? NA Y N
12. Were the pH-preserved bottles (see SM5210B) received at the appropriate pH? Indicate in the table below NA Y N
13. Were VOA vials received without headspace? Indicate in the table below NA Y N
14. Were Cl2 strips required? NA Y N

Sample ID on Bottle	Sample ID on COC	Identified by.

Sample ID	Bottle Count Bottle Type	Head-space	Broken	pH	Reagent	Volume added	Reagent Lot Number	Initials	Time

Notes, Discrepancies, Resolutions: All samples for Metals analysis, temp out of the range but not due to cooling issues

Metals

ALS Environmental—Kelso Laboratory
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www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104156
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/15/21 14:10
Sample Matrix:	Water	**Date Received:**	04/20/21 09:45
Sample Name:	GR-COL-INF-18	**Basis:**	NA
Lab Code:	K2104156-001		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**107**	ug/L	21	5	1	04/22/21 16:17	04/22/21	
Boron	6010C	**743**	ug/L	21	3	1	04/22/21 16:17	04/22/21	
Molybdenum	6010C	**116**	ug/L	8.4	2.1	1	04/22/21 16:17	04/22/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104156
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/15/21 14:10
Sample Matrix:	Water	**Date Received:**	04/20/21 09:45
Sample Name:	GR-COL-1-18	**Basis:**	NA
Lab Code:	K2104156-002		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	ND U	ug/L	21	5	1	04/22/21 16:31	04/22/21	
Boron	6010C	**751**	ug/L	21	3	1	04/22/21 16:31	04/22/21	
Molybdenum	6010C	**123**	ug/L	8.4	2.1	1	04/22/21 16:31	04/22/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104156
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/15/21 14:10
Sample Matrix:	Water	**Date Received:**	04/20/21 09:45
Sample Name:	GR-COL-2-18	**Basis:**	NA
Lab Code:	K2104156-003		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**19 J**	ug/L	21	5	1	04/22/21 16:50	04/22/21	
Boron	6010C	**758**	ug/L	21	3	1	04/22/21 16:50	04/22/21	
Molybdenum	6010C	**114**	ug/L	8.4	2.1	1	04/22/21 16:50	04/22/21	

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dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104156
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/15/21 14:10
Sample Matrix:	Water	**Date Received:**	04/20/21 09:45
Sample Name:	GR-COL-3-18	**Basis:**	NA
Lab Code:	K2104156-004		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**29**	ug/L	21	5	1	04/22/21 16:53	04/22/21	
Boron	6010C	**774**	ug/L	21	3	1	04/22/21 16:53	04/22/21	
Molybdenum	6010C	**120**	ug/L	8.4	2.1	1	04/22/21 16:53	04/22/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104156
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/15/21 14:10
Sample Matrix:	Water	**Date Received:**	04/20/21 09:45
Sample Name:	GR-COL-4-18	**Basis:**	NA
Lab Code:	K2104156-005		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**51**	ug/L	21	5	1	04/22/21 16:56	04/22/21	
Boron	6010C	**773**	ug/L	21	3	1	04/22/21 16:56	04/22/21	
Molybdenum	6010C	**105**	ug/L	8.4	2.1	1	04/22/21 16:56	04/22/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104156
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/15/21 14:10
Sample Matrix:	Water	**Date Received:**	04/20/21 09:45
Sample Name:	GR-COL-5-18	**Basis:**	NA
Lab Code:	K2104156-006		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**17 J**	ug/L	21	5	1	04/22/21 16:58	04/22/21	
Boron	6010C	**755**	ug/L	21	3	1	04/22/21 16:58	04/22/21	
Molybdenum	6010C	**121**	ug/L	8.4	2.1	1	04/22/21 16:58	04/22/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104156
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/15/21 14:10
Sample Matrix:	Water	**Date Received:**	04/20/21 09:45
Sample Name:	GR-COL-6-18	**Basis:**	NA
Lab Code:	K2104156-007		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**18 J**	ug/L	21	5	1	04/22/21 17:01	04/22/21	
Boron	6010C	**771**	ug/L	21	3	1	04/22/21 17:01	04/22/21	
Molybdenum	6010C	**112**	ug/L	8.4	2.1	1	04/22/21 17:01	04/22/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104156
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/15/21 14:10
Sample Matrix:	Water	**Date Received:**	04/20/21 09:45
Sample Name:	GR-COL-7-18	**Basis:**	NA
Lab Code:	K2104156-008		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**7**	**J**	ug/L	21	5	1	04/22/21 17:04	04/22/21	
Boron	6010C	**749**		ug/L	21	3	1	04/22/21 17:04	04/22/21	
Molybdenum	6010C	**129**		ug/L	8.4	2.1	1	04/22/21 17:04	04/22/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104156
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/15/21 14:10
Sample Matrix:	Water	**Date Received:**	04/20/21 09:45
Sample Name:	GR-COL-8-18	**Basis:**	NA
Lab Code:	K2104156-009		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**25**	ug/L	21	5	1	04/22/21 17:07	04/22/21	
Boron	6010C	**768**	ug/L	21	3	1	04/22/21 17:07	04/22/21	
Molybdenum	6010C	**103**	ug/L	8.4	2.1	1	04/22/21 17:07	04/22/21	

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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104156
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2106521-02		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	ND	U	ug/L	21	5	1	04/22/21 16:12	04/22/21	
Boron	6010C	**7**	**J**	ug/L	21	3	1	04/22/21 16:12	04/22/21	
Molybdenum	6010C	ND	U	ug/L	8.4	2.1	1	04/22/21 16:12	04/22/21	

ALS Group USA, Corp.
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QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104156
Project	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/15/21
Sample Matrix:	Water	**Date Received:**	04/20/21
		Date Analyzed:	04/22/21

Replicate Sample Summary
Dissolved Metals

Sample Name:	GR-COL-INF-18	**Units:**	ug/L
Lab Code:	K2104156-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2106521-03 Result	Average	RPD	RPD Limit
Arsenic	6010C	21	5	107	113	110	5	20
Boron	6010C	21	3	743	742	743	<1	20
Molybdenum	6010C	8.4	2.1	116	117	117	<1	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Printed 4/26/2021 1:02:01 PM

Superset Reference:

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104156
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	04/15/21
Sample Matrix:	Water	**Date Received:**	04/20/21
		Date Analyzed:	04/22/21
		Date Extracted:	04/22/21

Matrix Spike Summary
Dissolved Metals

Sample Name:	GR-COL-INF-18	**Units:**	ug/L
Lab Code:	K2104156-001	**Basis:**	NA
Analysis Method:	6010C		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2106521-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	107	1090	1000	98	75-125
Boron	743	1230	500	97	75-125
Molybdenum	116	1110	1000	99	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104156
Project:	CCR-GR/201114-05.01 Task 01	**Date Analyzed:**	04/22/21
Sample Matrix:	Water		

Lab Control Sample Summary
Dissolved Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2106521-01

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6010C	2480	2500	99	80-120
Boron	6010C	520	500	104	80-120
Molybdenum	6010C	1020	1000	102	80-120

ALS Environmental
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April 26, 2021

Analytical Report for Service Request No: K2104158

Masa Kanematsu
Anchor QEA, LLC
6720 SW Macadam Avenue
Suite 125
Portland, OR 97219

RE: CCR-GR / 201114-05.01 Task 01

Dear Masa,

Enclosed are the results of the sample(s) submitted to our laboratory April 20, 2021
For your reference, these analyses have been assigned our service request number **K2104158.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3376. You may also contact me via email at Mark.Harris@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Mark Harris
Project Manager

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Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Case Narrative

ALS Environmental—Kelso Laboratory
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www.alsglobal.com

1317 South 13th Ave, Kelso, WA 98626 | 1-360-577-7222 | www.alsglobal.com

Client: Anchor QEA, LLC
Project: CCR-GR
Sample Matrix: Water

Service Request: K2104158
Date Received: 04/20/2021

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level II requested by the client.

Sample Receipt:

Nine water samples were received for analysis at ALS Environmental on 04/20/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

Approved by _____ Date 04/26/2021

Chain of Custody

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

Chain of Custody Record & Laboratory Analysis Request

[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

Line	Field Sample ID	Collected Date	Collected Time	Matrix	No. of Containers	Preservative	Parameters	Comments/Preservative
1	[illegible]	[illegible]	[illegible]	Aqueous	[illegible]	[illegible]		[illegible]
2	[illegible]	[illegible]	[illegible]	Aqueous	[illegible]	[illegible]		[illegible]
3	[illegible]	[illegible]	[illegible]	Aqueous	[illegible]	[illegible]		[illegible]
4	[illegible]	[illegible]	[illegible]	Aqueous	[illegible]	[illegible]		[illegible]
5	[illegible]	[illegible]	[illegible]	Aqueous	[illegible]	[illegible]		[illegible]
6	[illegible]	[illegible]	[illegible]	Aqueous	[illegible]	[illegible]		[illegible]
7	[illegible]	[illegible]	[illegible]	Aqueous	[illegible]	[illegible]		[illegible]
8	[illegible]	[illegible]	[illegible]	Aqueous	[illegible]	[illegible]		[illegible]
9	[illegible]	[illegible]	[illegible]	Aqueous	[illegible]	[illegible]		[illegible]
10								
11								
12								
13								
14								
15								

[illegible]

[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

PM ____

Cooler Receipt and Preservation Form

Client Anchor QEA Service Request #21 ____

Received 4/20/21 Opened 4/20/21 By AP Unwrapped 4/20/21 By AP

1. Samples were received via: USPS FedEx UPS DHL FDX Courier Hand Delivered
2. Samples were received in: (circle) Cooler Box Envelope Other N/A
3. Were custody seals on coolers? N/A Y N If yes, how many and where?
   If present, were custody seals intact? Y N Were they signed and dated? Y N
4. Was a Temperature Blank present in cooler? N/A Y N If yes, record the temperature in the appropriate column below
   If no, take the temperature of a representative sample bottle contained within the cooler, record in the column "Sample Temp"
5. Were samples received within the method specified temperature range? N/A Y N
   If no, were they received on ice and within 6 hours of collection? If yes, record the cooler temp below and notify the PM Y N
6. If applicable, frozen samples were received Frozen Partially Thawed Thawed

Temp Blank	Sample Temp	IR Gun	Cooler #/ID (circle one)	Out of Temp Indicate with "X"	PM Notified if out of temp	Tracking Number N/A	Chest
6.2		6.2				7734 6051 2069	

8. Did any samples Freeze? (circle) Bubble Wrap Gel Packs (circle) Dry Ice Other ____
7. Were custody papers properly filled out and signed, etc.? N/A Y N
8. Were samples received in good condition/correct containers? N/A Y N
9. Were all sample labels complete (i.e. analysis, preservation, etc.)? N/A Y N
10. Did all sample labels and tags agree with custody papers? N/A Y N
11. Were appropriate bottles/containers and volumes received for the tests indicated? N/A Y N
12. Were the pH-preserved bottles (see SOP) checked and found to be at appropriate pH? Indicate in the table below. N/A Y N
13. Were VOA vials received without headspace? Indicate in the table below. N/A Y N
14. Were CN samples received? N/A Y N

Sample ID on Bottle	Sample ID on COC	Identified by:

Sample ID	Bottle Count Bottle Type	Head-space	Broken	pH	Reagent	Volume added	Reagent Lot Number	Initials	Time

Notes, Discrepancies, Resolutions All samples for Metals analysis, pH not acceptable. DO not preserve to unused volumes.....

Metals

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104158
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/24/21 10:00
Sample Matrix:	Water	**Date Received:**	04/20/21 09:45
Sample Name:	GR-COL-INF-7	**Basis:**	NA
Lab Code:	K2104158-001		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**160**	ug/L	21	5	1	04/22/21 17:09	04/22/21	
Boron	6010C	**723**	ug/L	21	3	1	04/22/21 17:09	04/22/21	
Molybdenum	6010C	**118**	ug/L	8.4	2.1	1	04/22/21 17:09	04/22/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104158
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/24/21 10:00
Sample Matrix:	Water	**Date Received:**	04/20/21 09:45
Sample Name:	GR-COL-1-7	**Basis:**	NA
Lab Code:	K2104158-002		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**7 J**	ug/L	21	5	1	04/22/21 17:12	04/22/21	
Boron	6010C	**701**	ug/L	21	3	1	04/22/21 17:12	04/22/21	
Molybdenum	6010C	**121**	ug/L	8.4	2.1	1	04/22/21 17:12	04/22/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104158
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/24/21 10:00
Sample Matrix:	Water	**Date Received:**	04/20/21 09:45
Sample Name:	GR-COL-2-7	**Basis:**	NA
Lab Code:	K2104158-003		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**28**	ug/L	21	5	1	04/22/21 17:15	04/22/21	
Boron	6010C	**751**	ug/L	21	3	1	04/22/21 17:15	04/22/21	
Molybdenum	6010C	**110**	ug/L	8.4	2.1	1	04/22/21 17:15	04/22/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104158
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/24/21 10:00
Sample Matrix:	Water	**Date Received:**	04/20/21 09:45
Sample Name:	GR-COL-3-7	**Basis:**	NA
Lab Code:	K2104158-004		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**23**	ug/L	21	5	1	04/22/21 17:26	04/22/21	
Boron	6010C	**755**	ug/L	21	3	1	04/22/21 17:26	04/22/21	
Molybdenum	6010C	**124**	ug/L	8.4	2.1	1	04/22/21 17:26	04/22/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104158
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/24/21 10:00
Sample Matrix:	Water	**Date Received:**	04/20/21 09:45
Sample Name:	GR-COL-4-7	**Basis:**	NA
Lab Code:	K2104158-005		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**7 J**	ug/L	21	5	1	04/22/21 17:28	04/22/21	
Boron	6010C	**734**	ug/L	21	3	1	04/22/21 17:28	04/22/21	
Molybdenum	6010C	**77.6**	ug/L	8.4	2.1	1	04/22/21 17:28	04/22/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104158
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/24/21 10:00
Sample Matrix:	Water	**Date Received:**	04/20/21 09:45
Sample Name:	GR-COL-5-7	**Basis:**	NA
Lab Code:	K2104158-006		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**26**	ug/L	21	5	1	04/22/21 17:31	04/22/21	
Boron	6010C	**736**	ug/L	21	3	1	04/22/21 17:31	04/22/21	
Molybdenum	6010C	**170**	ug/L	8.4	2.1	1	04/22/21 17:31	04/22/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104158
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/24/21 10:00
Sample Matrix:	Water	**Date Received:**	04/20/21 09:45
Sample Name:	GR-COL-6-7	**Basis:**	NA
Lab Code:	K2104158-007		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**13 J**	ug/L	21	5	1	04/22/21 17:34	04/22/21	
Boron	6010C	**754**	ug/L	21	3	1	04/22/21 17:34	04/22/21	
Molybdenum	6010C	**112**	ug/L	8.4	2.1	1	04/22/21 17:34	04/22/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104158
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/24/21 10:00
Sample Matrix:	Water	**Date Received:**	04/20/21 09:45
Sample Name:	GR-COL-7-7	**Basis:**	NA
Lab Code:	K2104158-008		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**26**	ug/L	21	5	1	04/22/21 17:37	04/22/21	
Boron	6010C	**746**	ug/L	21	3	1	04/22/21 17:37	04/22/21	
Molybdenum	6010C	**134**	ug/L	8.4	2.1	1	04/22/21 17:37	04/22/21	

ALS Group USA, Corp.
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Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104158
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/24/21 10:00
Sample Matrix:	Water	**Date Received:**	04/20/21 09:45
Sample Name:	GR-COL-8-7	**Basis:**	NA
Lab Code:	K2104158-009		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**17 J**	ug/L	21	5	1	04/22/21 17:39	04/22/21	
Boron	6010C	**740**	ug/L	21	3	1	04/22/21 17:39	04/22/21	
Molybdenum	6010C	**85.9**	ug/L	8.4	2.1	1	04/22/21 17:39	04/22/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104158
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2106521-02		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	ND	U	ug/L	21	5	1	04/22/21 16:12	04/22/21	
Boron	6010C	**7**	**J**	ug/L	21	3	1	04/22/21 16:12	04/22/21	
Molybdenum	6010C	ND	U	ug/L	8.4	2.1	1	04/22/21 16:12	04/22/21	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104158
Project:	CCR-GR/201114-05.01 Task 01	**Date Analyzed:**	04/22/21
Sample Matrix:	Water		

Lab Control Sample Summary
Dissolved Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2106521-01

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6010C	2480	2500	99	80-120
Boron	6010C	520	500	104	80-120
Molybdenum	6010C	1020	1000	102	80-120

ALS Environmental
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April 26, 2021

Analytical Report for Service Request No: K2104160

Masa Kanematsu
Anchor QEA, LLC
6720 SW Macadam Avenue
Suite 125
Portland, OR 97219

RE: CCR-GR / 201114-05.01 Task 01

Dear Masa,

Enclosed are the results of the sample(s) submitted to our laboratory April 20, 2021
For your reference, these analyses have been assigned our service request number **K2104160.**

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. The test results meet requirements of the current NELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. All results are intended to be considered in their entirety, and ALS Group USA Corp. dba ALS Environmental (ALS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please contact me if you have any questions. My extension is 3376. You may also contact me via email at Mark.Harris@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Mark Harris
Project Manager

ALS Environmental
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Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LOD	Limit of Detection
LOQ	Limit of Quantitation
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Inorganic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
E	The result is an estimate amount because the value exceeded the instrument calibration range.
J	The result is an estimated value.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.
H	The holding time for this test is immediately following sample collection. The samples were analyzed as soon as possible after receipt by the laboratory.

Metals Data Qualifiers

#	The control limit criteria is not applicable. See case narrative.
J	The result is an estimated value.
E	The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
M	The duplicate injection precision was not met.
N	The Matrix Spike sample recovery is not within control limits. See case narrative.
S	The reported value was determined by the Method of Standard Additions (MSA).
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
W	The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
i	The MRL/MDL or LOQ/LOD is elevated due to a matrix interference.
X	See case narrative.
+	The correlation coefficient for the MSA is less than 0.995.
Q	See case narrative. One or more quality control criteria was outside the limits.

Organic Data Qualifiers

*	The result is an outlier. See case narrative.
#	The control limit criteria is not applicable. See case narrative.
A	A tentatively identified compound, a suspected aldol-condensation product.
B	The analyte was found in the associated method blank at a level that is significant relative to the sample result as defined by the DOD or NELAC standards.
C	The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
D	The reported result is from a dilution.
E	The result is an estimated value.
J	The result is an estimated value.
N	The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
P	The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results.
U	The analyte was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL. *DOD-QSM 4.2 definition* : Analyte was not detected and is reported as less than the LOD or as defined by the project. The detection limit is adjusted for dilution.
i	The MRL/MDL or LOQ/LOD is elevated due to a chromatographic interference.
X	See case narrative.
Q	See case narrative. One or more quality control criteria was outside the limits.

Additional Petroleum Hydrocarbon Specific Qualifiers

F	The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
L	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
H	The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
O	The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
Y	The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
Z	The chromatographic fingerprint does not resemble a petroleum product.

ALS Group USA Corp. dba ALS Environmental (ALS) - Kelso
State Certifications, Accreditations, and Licenses

Agency	Web Site	Number
Alaska DEH	http://dec.alaska.gov/eh/lab/cs/csapproval.htm	UST-040
Arizona DHS	http://www.azdhs.gov/lab/license/env.htm	AZ0339
Arkansas - DEQ	http://www.adeq.state.ar.us/techsvs/labcert.htm	88-0637
California DHS (ELAP)	http://www.cdph.ca.gov/certlic/labs/Pages/ELAP.aspx	2795
DOD ELAP	http://www.denix.osd.mil/edqw/Accreditation/AccreditedLabs.cfm	L16-58-R4
Florida DOH	http://www.doh.state.fl.us/lab/EnvLabCert/WaterCert.htm	E87412
Hawaii DOH	http://health.hawaii.gov/	-
ISO 17025	http://www.pjlabs.com/	L16-57
Louisiana DEQ	http://www.deq.louisiana.gov/page/la-lab-accreditation	03016
Maine DHS	http://www.maine.gov/dhhs/	WA01276
Minnesota DOH	http://www.health.state.mn.us/accreditation	053-999-457
Nevada DEP	http://ndep.nv.gov/bsdw/labservice.htm	WA01276
New Jersey DEP	http://www.nj.gov/dep/enforcement/oqa.html	WA005
New York - DOH	https://www.wadsworth.org/regulatory/elap	12060
North Carolina DEQ	https://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/laboratory-certification-branch/non-field-lab-certification	605
Oklahoma DEQ	http://www.deq.state.ok.us/CSDnew/labcert.htm	9801
Oregon – DEQ (NELAP)	http://public.health.oregon.gov/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	WA100010
South Carolina DHEC	http://www.scdhec.gov/environment/EnvironmentalLabCertification/	61002
Texas CEQ	http://www.tceq.texas.gov/field/qa/env_lab_accreditation.html	T104704427
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C544
Wyoming (EPA Region 8)	https://www.epa.gov/region8-waterops/epa-region-8-certified-drinking-water-	-
Kelso Laboratory Website	www.alsglobal.com	NA

Analyses were performed according to our laboratory's NELAP-approved quality assurance program. A complete listing of specific NELAP-certified analytes, can be found in the certification section at www.ALSGlobal.com or at the accreditation bodies web site.
Please refer to the certification and/or accreditation body's web site if samples are submitted for compliance purposes. The states highlighted above, require the analysis be listed on the state certification if used for compliance purposes and if the method/anlayte is offered by that state.

Case Narrative

ALS Environmental—Kelso Laboratory
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1317 South 13th Ave, Kelso, WA 98626 | 1-360-577-7222 | www.alsglobal.com

Client: Anchor QEA, LLC
Project: CCR-GR
Sample Matrix: Water

Service Request: K2104160
Date Received: 04/20/2021

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier level II requested by the client.

Sample Receipt:

Nine water samples were received for analysis at ALS Environmental on 04/20/2021. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Metals:

No significant anomalies were noted with this analysis.

Approved by _____ Date 04/26/2021

Chain of Custody

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1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

Chain of Custody Record & Laboratory Analysis Request

Line	Field Sample ID	Collection Date	Collection Time	Matrix	No. of Containers	Preservation
1				Water		
2				Water		
3				Water		
4				Water		
5				Water		
6				Water		
7				Water		
8				Water		
9				Water		
10						
11						
12						
13						
14						
15						

Inst. to Geo
[illegible] Mississippi Ave
Suite 125
Portland OR 97219

Comments/Instructions

Page [illegible]

Cooler Receipt and Preservation Form

Client _____ Service Request (SR) _____

Received _____ Opened _____ By _____ Unwrapped _____ By _____

1. Sample delivery method: USPS FedEx UPS DHL PDX Courier Hand Delivered
2. Sample delivery condition: Cooler Box Envelope Other N/A
3. Were custody seals on outer shipping container? N/A Y N If yes, are they intact and signed?
   If present, were custody seals on cooler? Y N If present, were they signed and dated? Y N
4. Were temperature IR blanks present in cooler? N/A Y N If yes, take the temperature in the appropriate sample container below.
   If no, take the temperature of an appropriate sample bottle or a trip blank contained within the cooler. Indicate in parenthesis the sample used.
5. Were samples received with the recommended temperature range? N/A Y N
   If no, are samples frozen or have signs of freezing? If yes, place the cooler back in service and notify the PM. N/A Y N

If applicable, Temp of sample received: Analyzed Partially Thawed Thawed

Temp Blank	Sample Temp	IR Gun	Cooler ID/COC ID	Out of temp indicating with "X"	PM Notified If gun of temp	Tracking Number	NA	Fixed

6. Sample condition: Intact Broken Bottle Wrap Foil Parafilm Other Zip Tie Other
7. Were all sample containers properly filled and labeled? N/A Y N
8. Were samples free of visible signs of contamination? N/A Y N
9. Were all sample labels complete (at minimum, sample ID, date, time, preservative, analysis)? N/A Y N
10. Do sample labels and chain agree with custody papers? N/A Y N
11. Were sample containers received in sufficient volume for the requested analysis? N/A Y N
12. Were the pH-preserved bottles (VOAs, Cyanide, Phenols, Metals) at the appropriate pH? Indicate exceptions below. N/A Y N
13. Were VOAs free of headspace? Indicate exceptions below. N/A Y N
14. Were VOAs Receptive? N/A Y N

Sample ID on Bottle	Sample ID on COC	Identified by:

Sample ID	Bottle Count Bottle Type	Headspace	Broken	pH	Reagent	Volume added	Reagent Lot Number	Initials	Time

Notes, Discrepancies, Resolutions: [illegible]

Metals

ALS Environmental—Kelso Laboratory
1317 South 13th Avenue, Kelso, WA 98626
Phone (360)577-7222 Fax (360)636-1068
www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104160
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/22/21 18:20
Sample Matrix:	Water	**Date Received:**	04/20/21 09:45
Sample Name:	GR-COL-INF-3	**Basis:**	NA
Lab Code:	K2104160-001		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**150**	ug/L	21	5	1	04/22/21 15:15	04/21/21	
Boron	6010C	**699**	ug/L	21	3	1	04/22/21 15:15	04/21/21	
Molybdenum	6010C	**116**	ug/L	8.4	2.1	1	04/22/21 15:15	04/21/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104160
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/22/21 18:20
Sample Matrix:	Water	**Date Received:**	04/20/21 09:45
Sample Name:	GR-COL-1-3	**Basis:**	NA
Lab Code:	K2104160-002		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**6 J**	ug/L	21	5	1	04/22/21 15:43	04/21/21	
Boron	6010C	**674**	ug/L	21	3	1	04/22/21 15:43	04/21/21	
Molybdenum	6010C	**74.4**	ug/L	8.4	2.1	1	04/22/21 15:43	04/21/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104160
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/22/21 18:20
Sample Matrix:	Water	**Date Received:**	04/20/21 09:45
Sample Name:	GR-COL-2-3	**Basis:**	NA
Lab Code:	K2104160-003		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**27**	ug/L	21	5	1	04/22/21 15:46	04/21/21	
Boron	6010C	**739**	ug/L	21	3	1	04/22/21 15:46	04/21/21	
Molybdenum	6010C	**91.9**	ug/L	8.4	2.1	1	04/22/21 15:46	04/21/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104160
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/22/21 18:20
Sample Matrix:	Water	**Date Received:**	04/20/21 09:45
Sample Name:	GR-COL-3-3	**Basis:**	NA
Lab Code:	K2104160-004		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**41**	ug/L	21	5	1	04/22/21 15:48	04/21/21	
Boron	6010C	**823**	ug/L	21	3	1	04/22/21 15:48	04/21/21	
Molybdenum	6010C	**129**	ug/L	8.4	2.1	1	04/22/21 15:48	04/21/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104160
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/22/21 18:20
Sample Matrix:	Water	**Date Received:**	04/20/21 09:45
Sample Name:	GR-COL-4-3	**Basis:**	NA
Lab Code:	K2104160-005		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	ND U	ug/L	21	5	1	04/22/21 15:51	04/21/21	
Boron	6010C	**728**	ug/L	21	3	1	04/22/21 15:51	04/21/21	
Molybdenum	6010C	**35.3**	ug/L	8.4	2.1	1	04/22/21 15:51	04/21/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104160
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/22/21 18:20
Sample Matrix:	Water	**Date Received:**	04/20/21 09:45
Sample Name:	GR-COL-5-3	**Basis:**	NA
Lab Code:	K2104160-006		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**32**	ug/L	21	5	1	04/22/21 15:54	04/21/21	
Boron	6010C	**745**	ug/L	21	3	1	04/22/21 15:54	04/21/21	
Molybdenum	6010C	**168**	ug/L	8.4	2.1	1	04/22/21 15:54	04/21/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104160
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/22/21 18:20
Sample Matrix:	Water	**Date Received:**	04/20/21 09:45
Sample Name:	GR-COL-6-3	**Basis:**	NA
Lab Code:	K2104160-007		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	ND U	ug/L	21	5	1	04/22/21 15:56	04/21/21	
Boron	6010C	**722**	ug/L	21	3	1	04/22/21 15:56	04/21/21	
Molybdenum	6010C	**69.4**	ug/L	8.4	2.1	1	04/22/21 15:56	04/21/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104160
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/22/21 18:20
Sample Matrix:	Water	**Date Received:**	04/20/21 09:45
Sample Name:	GR-COL-7-3	**Basis:**	NA
Lab Code:	K2104160-008		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	**46**	ug/L	21	5	1	04/22/21 16:07	04/21/21	
Boron	6010C	**721**	ug/L	21	3	1	04/22/21 16:07	04/21/21	
Molybdenum	6010C	**110**	ug/L	8.4	2.1	1	04/22/21 16:07	04/21/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104160
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/22/21 18:20
Sample Matrix:	Water	**Date Received:**	04/20/21 09:45
Sample Name:	GR-COL-8-3	**Basis:**	NA
Lab Code:	K2104160-009		

Dissolved Metals

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	ND U	ug/L	21	5	1	04/22/21 16:10	04/21/21	
Boron	6010C	**703**	ug/L	21	3	1	04/22/21 16:10	04/21/21	
Molybdenum	6010C	**30.7**	ug/L	8.4	2.1	1	04/22/21 16:10	04/21/21	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104160
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	NA
Sample Matrix:	Water	**Date Received:**	NA
Sample Name:	Method Blank	**Basis:**	NA
Lab Code:	KQ2106523-02		

Dissolved Metals

Analyte Name	Analysis Method	Result		Units	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Arsenic	6010C	ND	U	ug/L	21	5	1	04/22/21 15:09	04/21/21	
Boron	6010C	**8**	**J**	ug/L	21	3	1	04/22/21 15:09	04/21/21	
Molybdenum	6010C	ND	U	ug/L	8.4	2.1	1	04/22/21 15:09	04/21/21	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104160
Project	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/22/21
Sample Matrix:	Water	**Date Received:**	04/20/21
		Date Analyzed:	04/22/21

Replicate Sample Summary
Dissolved Metals

Sample Name:	GR-COL-INF-3	**Units:**	ug/L
Lab Code:	K2104160-001	**Basis:**	NA

Analyte Name	Analysis Method	MRL	MDL	Sample Result	Duplicate Sample KQ2106523-03 Result	Average	RPD	RPD Limit
Arsenic	6010C	21	5	150	158	154	5	20
Boron	6010C	21	3	699	705	702	<1	20
Molybdenum	6010C	8.4	2.1	116	118	117	2	20

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Printed 4/26/2021 1:04:20 PM

Superset Reference:

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104160
Project:	CCR-GR/201114-05.01 Task 01	**Date Collected:**	03/22/21
Sample Matrix:	Water	**Date Received:**	04/20/21
		Date Analyzed:	04/22/21
		Date Extracted:	04/21/21

Matrix Spike Summary
Dissolved Metals

Sample Name:	GR-COL-INF-3	**Units:**	ug/L
Lab Code:	K2104160-001	**Basis:**	NA
Analysis Method:	6010C		
Prep Method:	EPA CLP ILM04.0		

Matrix Spike
KQ2106523-04

Analyte Name	Sample Result	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	150	1140	1000	99	75-125
Boron	699	1210	500	103	75-125
Molybdenum	116	1140	1000	102	75-125

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client:	Anchor QEA, LLC	**Service Request:**	K2104160
Project:	CCR-GR/201114-05.01 Task 01	**Date Analyzed:**	04/22/21
Sample Matrix:	Water		

Lab Control Sample Summary
Dissolved Metals

Units:ug/L
Basis:NA

Lab Control Sample
KQ2106523-01

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Arsenic	6010C	2370	2500	95	80-120
Boron	6010C	495	500	99	80-120
Molybdenum	6010C	970	1000	97	80-120

Appendix D
Well Surveys

Well Survey

Grumman Road Private Industrial Landfill

Port Wentworth, GA

Prepared for

Georgia Power Company

241 Ralph McGill Blvd., Atlanta, GA 30308

Prepared by

NewFields

1349 W. Peachtree Street, Suite 2000

Atlanta, GA 30309

March 9, 2020

Introduction

The Grumman Road Private Industrial Landfill (Grumman Road Landfill) is located on Gulfstream Road in Chatham County, approximately 0.8 miles east of the Savannah Airport and 1.3 miles west of the city of Port Wentworth.

NewFields conducted a well survey of potential drinking water wells within a three-mile radius of the Grumman Road Landfill. This radius is referred to in this report as the Investigated Area, and is shown on Figure 1.

As part of this survey, NewFields accessed and reviewed information from a number of Federal, State, and County records and online sources, as well as a windshield survey of the Investigated Area. Information about each identified well was then compiled into a geographic information system (GIS) database.

Information Collection

This section summarizes the sources utilized for identifying potential drinking water wells within the Investigated Area.

1. Federal Sources
    a. **United States Geological Survey (USGS).** USGS maintains an inventory database of wells sampled by a USGS-affiliated program for ground-water levels or water quality parameters at any time in the past.[1] Well information and coordinates were downloaded for the state of Georgia and compiled into the GIS database. The USGS database contains many older wells, many that may not be active. One of the wells in the database was a monitoring well located on Georgia Power property, and the other on land that is now covered by the new Jimmy DeLoach Parkway and is now inaccessible. Neither were included in the database.

    USGS data also contains information about major surface water intakes, including both industrial and municipal drinking water intakes. Specific information about the operator of the intakes and use of the water is not included, but can be determined using information from other sources, including the owners of the parcels on which the intakes are found. There are two surface water intakes on the Savannah River in the Investigated Area, both belonging to International Paper.

    b. **Safe Drinking Water Information System (SDWIS).** This EPA database has listings of public water systems but does not have well location information. SDWIS information was used to help identify the suppliers of public water in the vicinity of the facility. Public water in the Investigated Area is supplied by groundwater-based public water systems operated by Port Wentworth, Garden City, Savannah Industrial & Domestic, and the Savannah Main system.

[1] http://waterdata.usgs.gov/ga/nwis/inventory?introduction

2. State Sources
    a. **Georgia Environmental Protection Division**
        i. **Drinking Water Branch.** EPD maintains records about municipal and industrial drinking water wells, whose presence or absence within a radius of a site can be ascertained by contacting the agency. An email was sent to Vicki Trent of EPD on January 3, 2020, requesting information about wells in the Investigated Area. There are seven public drinking water wells within a three-mile radius of the Grumman Road Landfill. The exact locations of the wells were not given, but they were determined using information from well surveys done in connection with nearby sites, parcel data, well information from the Drinking Water Branch Web site, the windshield survey, and aerial photography.

        ii. **Hazardous Site Response Act (HSRA) notifications.** EPD maintains non-HSI HSRA notification reports (i.e., notifications submitted after releases of reportable substances). NewFields reviewed reports associated with sites in Chatham County and identified multiple previous well surveys. These surveys identified active and inactive industrial wells, private drinking water wells, and public drinking water wells. Some public wells identified in older surveys were not on the list of wells supplied by the EPD Drinking Water Branch; these were assumed to be inactive public wells.

3. County and Local Sources
    a. **Chatham County Health Department.** NewFields contacted Chatham County Health Department requesting a search of permits for "on-site sewage management systems" (septic tanks). These permits indicate whether the permittee has private or public water supply. The Health Department did not respond to requests for information.

    b. **Water Departments.** City of Savannah website has information about the coverage areas of several systems operating in the Savannah area. The entire area appears to have access to public water, supplied by several water systems. The age of the various systems could not be determined.

    c. **Tax Assessor Records.** Current parcel shapefile and metadata were obtained from the Chatham County Board of Assessors, dated December 2019.

4. Windshield Surveys

    A windshield survey of the area was conducted on December 23, 2019. During the survey a number of wells were visually identified, which were subsequently compiled into the GIS database. These wells included private residential wells and municipal wells. One large well was seen near a neighborhood that has been recently demolished, and it was assumed to now be inactive. Another location of a former public well that does not appear on the EPD's list of active public wells was investigated, and it appears to have been decommissioned.

Summary

The Investigated Area consists of a wide variety of land uses, with two dense residential areas surrounded by industrial facilities and port facilities, an international airport, and a college campus. There are more rural residential parcels in the north and south edges of the Investigated Area.

In the NewFields analysis, any well identified as a public well by the EPD, including non-community systems operated by industrial facilities, were considered public drinking water wells.

Municipal water is available to the majority of the area, supplied by four different municipal systems. The exact extent of each system could not be determined, and it is possible there may be small areas without service.

There are nine public wells operating in the area. One of these public wells, the Georgia Atlantic Port well, is a non-transient, non-community water system (i.e., it serves a stable population of workers). The Georgia Atlantic Port well is located 2 miles to the east of Grumman Road Landfill.

The other eight public wells in the Investigated Area are operated by three different municipal systems: Port Wentworth, Savannah Industrial & Domestic, and Garden City. Two public wells are operated by the Port Wentworth water system, and are located close together approximately 1.4 miles to the northwest of the Grumman Road Landfill. The Port Wentworth public water system relies primarily on groundwater, but is supplemented by a consecutive connection with Savannah Industrial & Domestic system. This system serves 5,500 people.

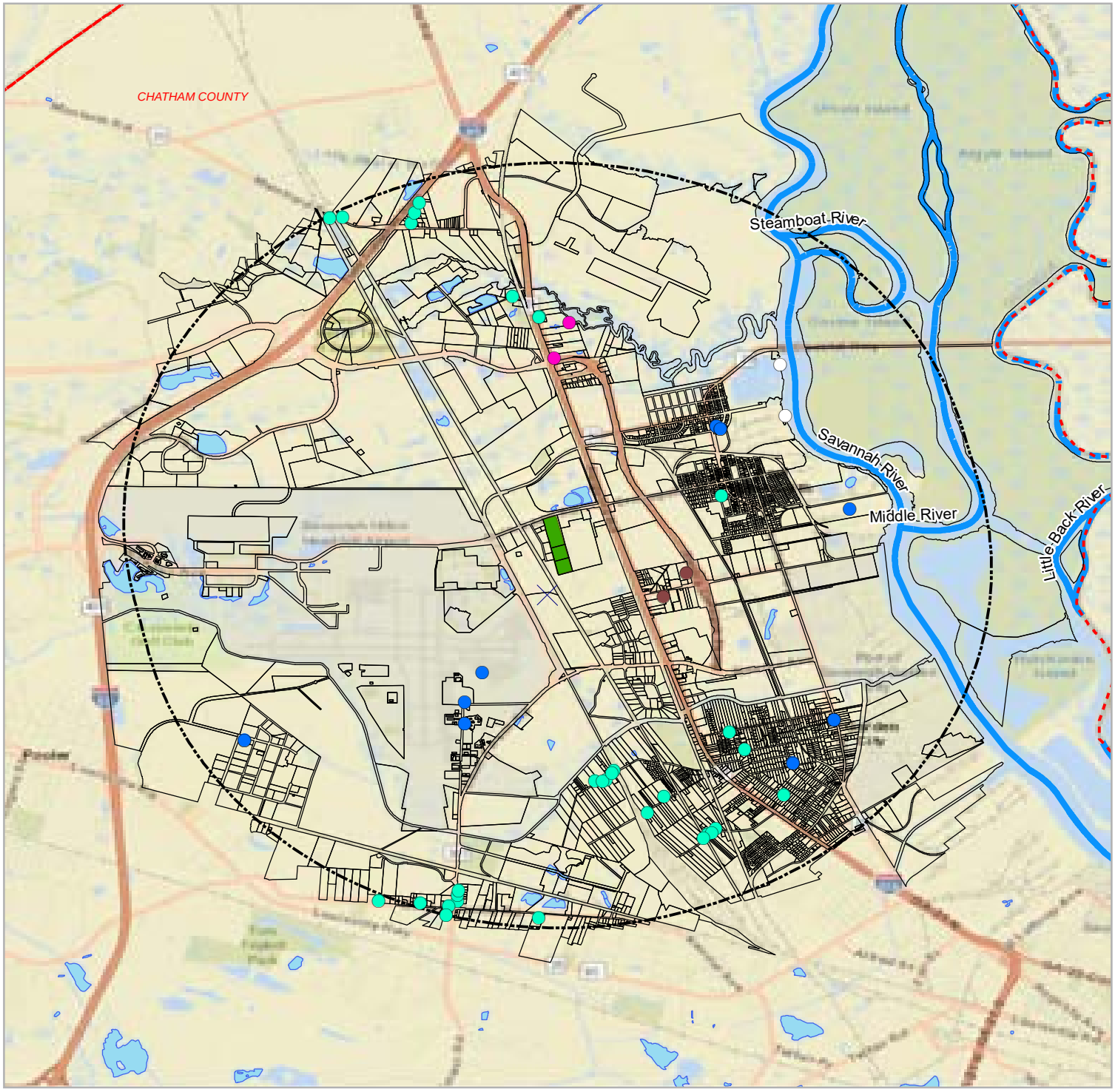
Only two of the four active public wells operated by Garden City municipal system are located within the Investigated Area. These two wells are located approximately 2.2 miles to the southeast of the landfill. The Garden City system is a groundwater system with four total active wells, supplemented with a consecutive connection with the Savannah Main system. The system serves 8,141 people.

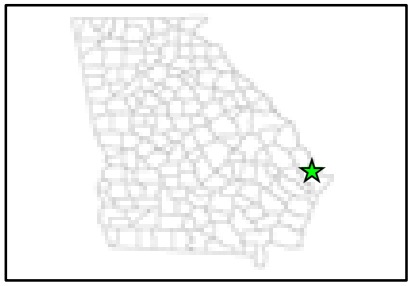
The remaining four public wells within the Investigated Area are operated by the Savannah Industrial & Domestic (I & D) municipal system. This system is primarily a surface water system, supplemented by four groundwater wells. It serves a population of 10,500. The Savannah I & D wells were identified on non-HSI well surveys, and two of them were visually confirmed during the windshield survey. Three of these wells are located on airport property to the southeast of the airport runways, between 1.3 and 1.6 miles to the southwest of the Grumman Road Landfill.

Two surface water intakes were identified on the Savannah River upstream of Plant Kraft, 1.6 and 1.8 to the northeast of the Grumman Road Landfill. These appear to belong to the International Paper facility.

NewFields also identified two inactive industrial and two inactive public drinking water wells. Thirty (30) private wells were seen during the windshield survey. The closest of these wells is 1.2 miles east of the Grumman Road Landfill, and most of them are more than 2 miles from the landfill.

Figure 1 shows points for identified wells in the Investigated Area by type.





Private Drinking Well
Industrial Surface Water Intake
Inactive Industrial Well
Public Drinking Well
Inactive Public Drinking Well
Parcels
Grumman Road Landfill
3-Mile Radius
County Border
Rivers
Lakes & Ponds

0 2,950 5,900 11,800 Feet

Title	Grumman Road Private Industrial Landfill
Project	GPC Plants Georgia
NewFields	Two Midtown Plaza, 1349 W. Peachtree St, #2000, Atlanta, Georgia 30309, Tel: 404-347-9050
Date 03/06/2020	Rev. No. 00
MXD GPC_GRU_RD_01	Figure No. 01

Grumman Road Landfill
135 Gulfstream Road
Savannah, GA 31408

Inquiry Number: 6810084.1s
January 06, 2022

The EDR GeoCheck® Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Physical Setting Source Records Searched **PSGR-1**

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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GEOCHECK® - PHYSICAL SETTING SOURCE REPORT

TARGET PROPERTY ADDRESS

GRUMMAN ROAD LANDFILL
135 GULFSTREAM ROAD
SAVANNAH, GA 31408

TARGET PROPERTY COORDINATES

Latitude (North):	32.142978 - 32ˆ 8’ 34.72’’
Longitude (West):	81.184041 - 81ˆ 11’ 2.55’’
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	482643.0
UTM Y (Meters):	3556110.5
Elevation:	41 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	32081-B2 PORT WENTWORTH, GA SC
Version Date:	1998

EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

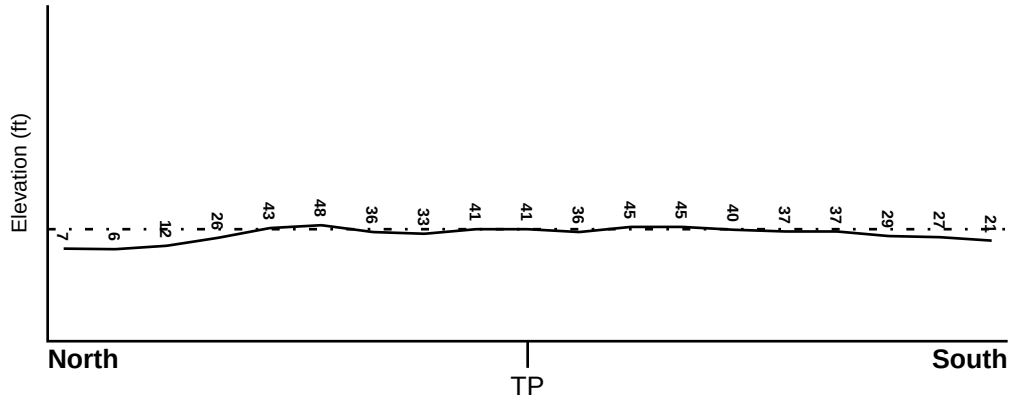
TOPOGRAPHIC INFORMATION

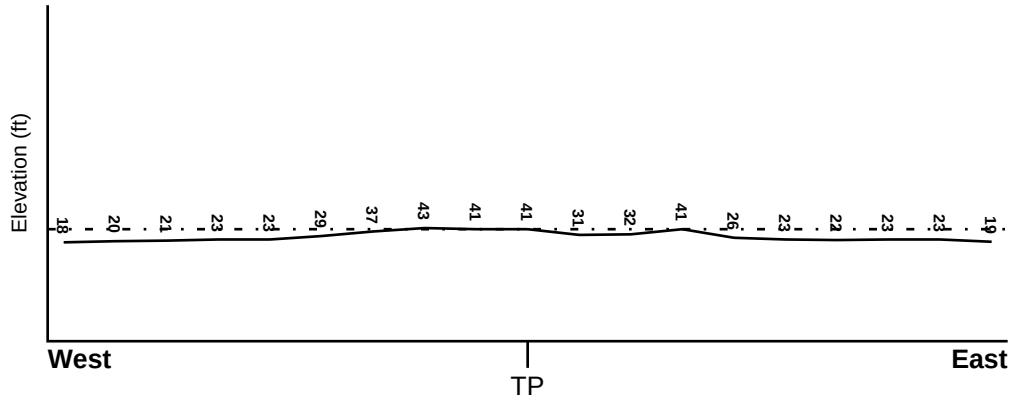
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 41 ft.

0 1/2 1 Miles

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
13051C0045F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
13051C0040G	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
PORT WENTWORTH	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
B5	1/2 - 1 Mile NW	E
B6	1/2 - 1 Mile NW	WNW
B7	1/2 - 1 Mile NW	Not Reported
B8	1/2 - 1 Mile NW	Varies

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Holocene
Code:	Qh *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name:	MANDARIN
Soil Surface Texture:	fine sand
Hydrologic Group:	Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.
Soil Drainage Class:	Somewhat poorly. Soils commonly have a layer with low hydraulic conductivity, wet state high in profile, etc. Depth to water table is 1 to 3 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel:	MODERATE
Depth to Bedrock Min:	> 60 inches
Depth to Bedrock Max:	> 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	26 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 20.00 Min: 6.00	Max: 6.00 Min: 3.60
2	26 inches	40 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 6.00 Min: 3.60
3	40 inches	73 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 20.00 Min: 6.00	Max: 7.30 Min: 3.60
4	73 inches	80 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 3.60

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: sand

Surficial Soil Types: sand

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: sand

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	2.000
Federal FRDS PWS	2.000
State Database	2.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A3	USGS40000259556	1/2 - 1 Mile South
C9	USGS40000259548	1 - 2 Miles South
E13	USGS40000259536	1 - 2 Miles SSW
F17	USGS40000259566	1 - 2 Miles WSW
E20	USGS40000259535	1 - 2 Miles SSW
D21	USGS40000259654	1 - 2 Miles NNE
G22	USGS40000259637	1 - 2 Miles NE
G26	USGS40000259634	1 - 2 Miles NE
G29	USGS40000259635	1 - 2 Miles NE
H31	USGS40000259658	1 - 2 Miles North
I33	USGS40000259537	1 - 2 Miles SE
H34	USGS40000259661	1 - 2 Miles North
J35	USGS40000259527	1 - 2 Miles SSW
J37	USGS40000259528	1 - 2 Miles SSW
J41	USGS40000259520	1 - 2 Miles SSW
43	USGS40000259664	1 - 2 Miles North

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
4	GA0510057	1/2 - 1 Mile ESE
11	GA0510268	1 - 2 Miles ENE
D12	GA0510020	1 - 2 Miles NNE
E15	GA0510102	1 - 2 Miles SSW
D18	GA0510019	1 - 2 Miles NNE
G28	GA0510002	1 - 2 Miles ENE
G30	GA0510002	1 - 2 Miles ENE
H32	GA0510136	1 - 2 Miles North
H38	GA0510137	1 - 2 Miles North
I39	GA0510162	1 - 2 Miles SE
J40	GA0510102	1 - 2 Miles SSW
K45	GA0510102	1 - 2 Miles SSW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

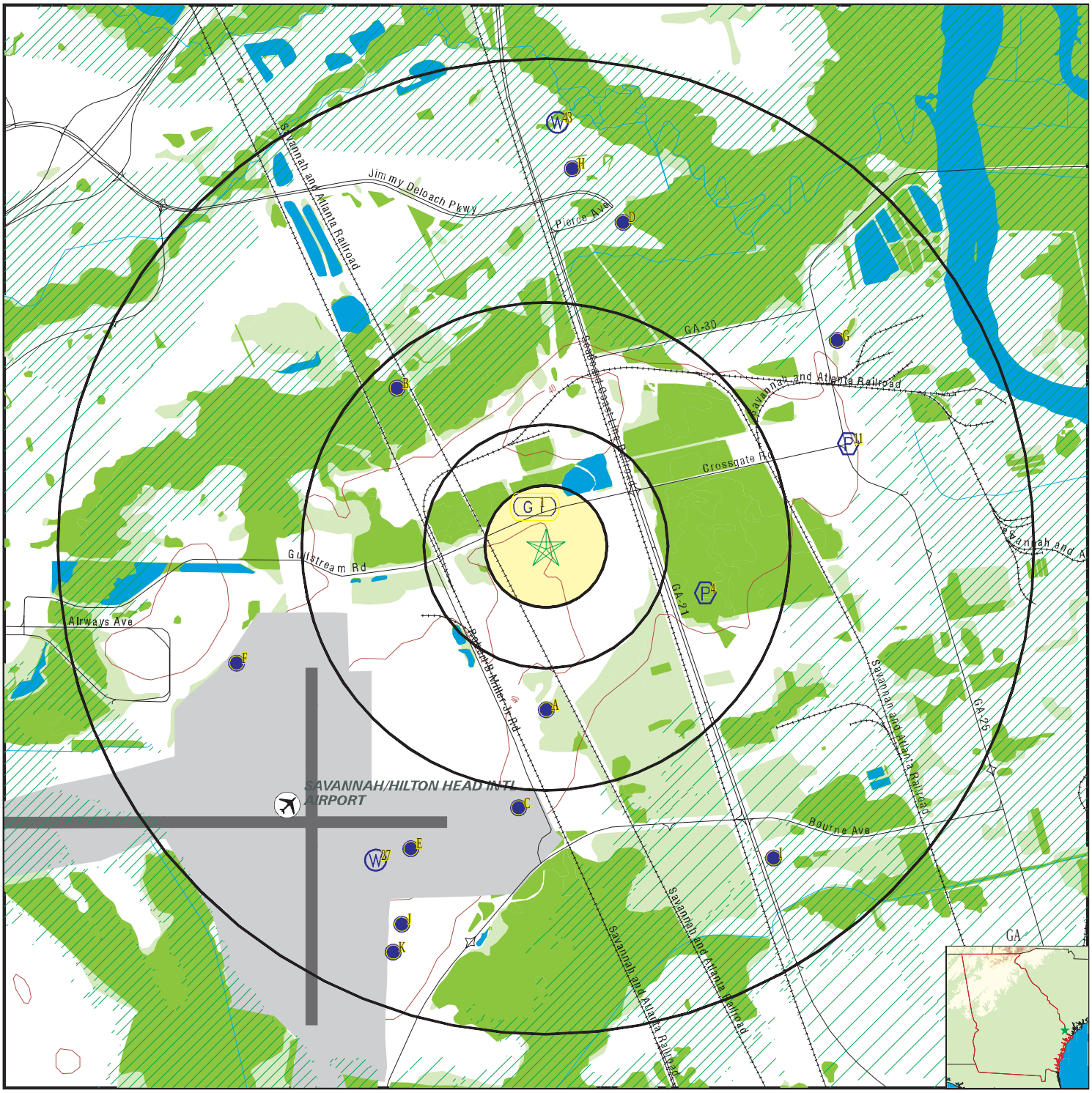
MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	0000001906	1/2 - 1 Mile South
C10	0000001904	1 - 2 Miles South
E14	0000001901	1 - 2 Miles SSW
F16	0000001908	1 - 2 Miles WSW
E19	614	1 - 2 Miles SSW
G23	0000001919	1 - 2 Miles NE
G24	612	1 - 2 Miles NE
G25	0000001918	1 - 2 Miles NE
27	615	1 - 2 Miles SSW
J36	0000001899	1 - 2 Miles SSW
J42	0000001897	1 - 2 Miles SSW
K44	617	1 - 2 Miles SSW

PHYSICAL SETTING SOURCE MAP - 6810084.1s



County Boundary
Major Roads
Contour Lines
Airports
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

Groundwater Flow Direction
Indeterminate Groundwater Flow at Location
Groundwater Flow Varies at Location
100-year flood zone
500-year flood zone
National Wetland Inventory
Wildlife Areas

0 1/2 1 2 Miles

SITE NAME: Grumman Road Landfill ADDRESS: 135 Gulfstream Road Savannah GA 31408 LAT/LONG: 32.142978 / 81.184041	CLIENT: ANCHOR QEA, LLC CONTACT: Kristi Mitchell INQUIRY #: 6810084.1s DATE: January 06, 2022 9:40 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
1 **NNW** **1/8 - 1/4 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	9000518 NOT REPORTED 6 9 Not Reported 10-23-90	**AQUIFLOW**	**11620**

A2
South
1/2 - 1 Mile
Lower

GA WELLS **0000001906**

County code:	051	Well num:	36R006
Remarks:	PORT WENTWORTH CORP 1	Lat:	320759
Lon:	0811103	Latlon datum:	NAD27
Alt:	40.00	Alt datum:	NGVD29
Depth:	1088	Depth to casing:	270.00
Casing dia:	10.00	Casing matl:	Not Reported
Depth to top:	271.00	Depth to bot:	1088.00
Opening type:	X	Constr date:	195610
Discharge:	Not Reported	Prim use:	C
Aquifer code:	120FLRD	Edr id:	0000001906

A3
South
1/2 - 1 Mile
Lower

FED USGS **USGS40000259556**

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	36R006	Type:	Well
Description:	PORT WENTWORTH CORP 1	HUC:	03060109
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Floridan aquifer system	Formation Type:	Floridan Aquifer System
Aquifer Type:	Confined multiple aquifer	Construction Date:	19561001
Well Depth:	1088	Well Depth Units:	ft
Well Hole Depth:	1089	Well Hole Depth Units:	ft

4
ESE
1/2 - 1 Mile
Lower

FRDS PWS **GA0510057**

Epa region:	04	State:	GA
Pwsid:	GA0510057	Pwsname:	WOODLAWN TERRACE
Cityserved:	Not Reported	Stateserved:	GA
Zipserved:	Not Reported	Fipscounty:	13025
Status:	Closed	Retpopsrvd:	730
Pwssvcconn:	210	Psource longname:	Groundwater
Pwstype:	CWS	Owner:	unknown
Contact:	WOODLAWN TERRACE	Contactorgname:	Not Reported
Contactphone:	912-964-1711	Contactaddress1:	Not Reported
Contactaddress2:	96 MAIN ST.	Contactcity:	GARDEN
Contactstate:	GA	Contactzip:	31408
Pwsactivitycode:	I		

Pwsid:	GA0510057	Facid:	1T
Facname:	06DW00000000000	Factype:	Treatment_plant
Facactivitycode:	I	Trtobjective:	disinfection
Trtprocess:	chlorination (frds-1.5)	Factypecode:	TP
Pwsid:	GA0510057	Facid:	2T
Facname:	00DW00000000000	Factype:	Treatment_plant
Facactivitycode:	I	Trtobjective:	disinfection
Trtprocess:	chlorination (frds-1.5)	Factypecode:	TP
PWS ID:	GA0510057	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS ID:	GA0510057
Activity status:	Active	Date system activated:	7706
Date system deactivated:	Not Reported	Retail population:	00000730
System name:	WOODLAWN TERRACE	System address:	Not Reported
System address:	96 MAIN ST.	System city:	GARDEN
System state:	GA	System zip:	31408
County FIPS:	025	City served:	SAVANNAH GEORGI
Population served:	501 - 1,000 Persons	Treatment:	Treated
Latitude:	320534	Longitude:	0811023
Latitude:	320824	Longitude:	0811023

B5
NW
1/2 - 1 Mile
Lower

Site ID:	9-025076	**AQUIFLOW**	**11615**
Groundwater Flow:	E		
Shallow Water Depth:	7 FT.		
Deep Water Depth:	8 FT.		
Average Water Depth:	Not Reported		
Date:	FEB. 29, 1996		

B6
NW
1/2 - 1 Mile
Lower

Site ID:	9-025152	**AQUIFLOW**	**11616**
Groundwater Flow:	WNW		
Shallow Water Depth:	2.5 FT		
Deep Water Depth:	5 FT.		
Average Water Depth:	Not Reported		
Date:	AUGUST 29, 1994		

B7
NW
1/2 - 1 Mile
Lower

Site ID:	4250162	**AQUIFLOW**	**19243**
Groundwater Flow:	Not Reported		
Shallow Water Depth:	15		
Deep Water Depth:	18		
Average Water Depth:	Not Reported		
Date:	12		

B8
NW
1/2 - 1 Mile
Lower

Site ID:	4250096	**AQUIFLOW**	**19071**
Groundwater Flow:	Varies		
Shallow Water Depth:	3.5		
Deep Water Depth:	13.14		
Average Water Depth:	Not Reported		
Date:	Not Reported		

Map ID Direction Distance Elevation	Database	EDR ID Number
C9 **South** **1 - 2 Miles** **Lower**	**FED USGS**	**USGS40000259548**

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	36R009	Type:	Well
Description:	CHEROKEE OIL TW	HUC:	03060109
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19200101
Well Depth:	2150	Well Depth Units:	ft
Well Hole Depth:	2150	Well Hole Depth Units:	ft

C10 **South** **1 - 2 Miles** **Lower**	**GA WELLS**	**0000001904**

County code:	051	Well num:	36R009
Remarks:	CHEROKEE OIL TW	Lat:	320738
Lon:	0811110	Latlon datum:	NAD27
Alt:	21.50	Alt datum:	NGVD29
Depth:	2150	Depth to casing:	2126.00
Casing dia:	8.00	Casing matl:	Not Reported
Depth to top:	2126	Depth to bot:	2150
Opening type:	X	Constr date:	1920
Discharge:	Not Reported	Prim use:	U
Aquifer code:	Not Reported	Edr id:	0000001904

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11 **ENE** **1 - 2 Miles** **Lower**	**FRDS PWS**	**GA0510268**

Epa region:	04	State:	GA
Pwsid:	GA0510268	Pwsname:	GA PACIFIC- GA STEAMSHIP CO.
Cityserved:	Not Reported	Stateserved:	GA
Zipserved:	Not Reported	Fipscounty:	13051
Status:	Closed	Retpopsrvd:	70
Pwssvcconn:	1	Psource longname:	Groundwater
Pwstype:	NTNCWS	Owner:	Private
Contact:	GA PACIFIC- GA STEAMSHIP CO.		
Contactorgname:	Not Reported	Contactphone:	Not Reported
Contactaddress1:	Not Reported	Contactaddress2:	Not Reported
Contactcity:	Not Reported	Contactstate:	Not Reported
Contactzip:	Not Reported	Pwsactivitycode:	I
PWS ID:	GA0510268	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS ID:	GA0510268
Activity status:	Active	Date system activated:	Not Reported
Date system deactivated:	Not Reported	Retail population:	00000070
System name:	GA PACIFIC- GA STEAMSHIP CO.		
System address:	GA PACIFIC-GA STEAMSHIP CO.		

System address:	4226 CROSSGATE RD	System city:	PORT WENTWORTH
System state:	GA	System zip:	31407
Population served:	Under 101 Persons	Treatment:	Untreated
Latitude:	320856	Longitude:	0810947
Latitude:	315902	Longitude:	0810657

D12
NNE
1 - 2 Miles
Lower

FRDS PWS GA0510020

Epa region:	04	State:	GA
Pwsid:	GA0510020	Pwsname:	COLLUMS TRAILER PARK
Cityserved:	Not Reported	Stateserved:	GA
Zipserved:	Not Reported	Fipscounty:	13051
Status:	Closed	Retpopsrvd:	112
Pwssvcconn:	32	Psource longname:	Groundwater
Pwstype:	CWS	Owner:	Private
Contact:	COLLUM, LOIS	Contactorgname:	Not Reported
Contactphone:	912-964-6163	Contactaddress1:	10 DIXIE STREET
Contactaddress2:	Not Reported	Contactcity:	PORT WENTWORTH
Contactstate:	GA	Contactzip:	31407
Pwsactivitycode:	I		
PWS ID:	GA0510020	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS ID:	GA0510020
Activity status:	Active	Date system activated:	Not Reported
Date system deactivated:	Not Reported	Retail population:	00000112
System name:	COLLUMS TRAILER PARK	System address:	COLLUMS TRAILER PARK
System address:	10 DIXIE STREET	System city:	PORT WENTWORTH
System state:	GA	System zip:	31407
Population served:	101 - 500 Persons	Treatment:	Untreated
Latitude:	320941	Longitude:	0811042
State:	GA	Latitude degrees:	32
Latitude minutes:	9	Latitude seconds:	41.0000
Longitude degrees:	81	Longitude minutes:	10
Longitude seconds:	42.0000		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9200002	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Violation start date:	090192	Violation end date:	093092
Violation period (months):	001	Violation awareness date:	Not Reported
Major violator:	Yes	Maximum contaminant level:	Not Reported
Number of required samples:	Not Reported	Number of samples taken:	Not Reported
Analysis method:	Not Reported	Analysis result:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
E13 **SSW** **1 - 2 Miles** **Higher**	**FED USGS**	**USGS40000259536**

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	36Q014	Type:	Well
Description:	SAVANNAH, GA 19	HUC:	03060109
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Floridan aquifer system	Formation Type:	Upper Floridan Aquifer
Aquifer Type:	Confined multiple aquifer	Construction Date:	19450101
Well Depth:	680	Well Depth Units:	ft
Well Hole Depth:	680	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	9	Level reading date:	2000-09-08
Feet below surface:	101.88	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1998-05-25	Feet below surface:	98.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1985-05-21	Feet below surface:	125.77
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1984-11-20	Feet below surface:	102.68
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1984-10-31	Feet below surface:	105.32
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1984-04-30	Feet below surface:	102.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1983-11-04	Feet below surface:	90.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1983-05-03	Feet below surface:	96.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-11-02	Feet below surface:	99.62
Feet to sea level:	Not Reported	Note:	Not Reported

E14 **SSW** **1 - 2 Miles** **Higher**	**GA WELLS**	**0000001901**

County code:	051	Well num:	36Q014
Remarks:	SAVANNAH, GA 19	Lat:	320729
Lon:	0811134	Latlon datum:	NAD27
Alt:	45.06	Alt datum:	NGVD29
Depth:	680	Depth to casing:	250.00
Casing dia:	12.00	Casing matl:	Not Reported
Depth to top:	250.00	Depth to bot:	680.00
Opening type:	X	Constr date:	1945
Discharge:	Not Reported	Prim use:	P
Aquifer code:	120FLRDU	Edr id:	0000001901

Map ID Direction Distance Elevation	Database	EDR ID Number
E15 **SSW** **1 - 2 Miles** **Higher**	**FRDS PWS**	**GA0510102**

Epa region:	04	State:	GA
Pwsid:	GA0510102	Pwsname:	SAVANNAH-TRAVIS FIELD
Cityserved:	Not Reported	Stateserved:	GA
Zipserved:	Not Reported	Fipscounty:	13051
Status:	Closed	Retpopsrvd:	304
Pwssvcconn:	117	Psource longname:	Groundwater
Pwstype:	CWS	Owner:	Local_Govt
Contact:	JUE, HARRY	Contactorgname:	Not Reported
Contactphone:	912-651-4241	Contactaddress1:	POB 1027
Contactaddress2:	Not Reported	Contactcity:	SAVANNAH
Contactstate:	GA	Contactzip:	314021027
Pwsactivitycode:	I		

Pwsid:	GA0510102	Facid:	3972
Facname:	WELL #17 PLANT	Factype:	Treatment_plant
Facactivitycode:	I	Trtobjective:	disinfection
Trtprocess:	hypochlorination, post	Factypecode:	TP

Pwsid:	GA0510102	Facid:	3979
Facname:	WELL #18 PLANT	Factype:	Treatment_plant
Facactivitycode:	I	Trtobjective:	disinfection
Trtprocess:	hypochlorination, post	Factypecode:	TP

Pwsid:	GA0510102	Facid:	3985
Facname:	WELL #19 PLANT	Factype:	Treatment_plant
Facactivitycode:	I	Trtobjective:	disinfection
Trtprocess:	hypochlorination, post	Factypecode:	TP

PWS ID:	GA0510102	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS ID:	GA0510102
Activity status:	Active	Date system activated:	Not Reported
Date system deactivated:	Not Reported	Retail population:	00001100
System name:	SAVANNAH-TRAVIS FIELD	System address:	SAVANNAH-TRAVIS FIELD
System address:	702 STILES AVE	System city:	SAVANNAH
System state:	GA	System zip:	31402

Population served:	1,001 - 2,500 Persons	Treatment:	Treated

Latitude:	320731	Longitude:	0811140

Latitude:	320705	Longitude:	0811140

Latitude:	320710	Longitude:	0811136

State:	GA	Latitude degrees:	32
Latitude minutes:	7	Latitude seconds:	5.0000
Longitude degrees:	81	Longitude minutes:	11
Longitude seconds:	40.0000		

State:	GA	Latitude degrees:	32
Latitude minutes:	7	Latitude seconds:	10.0000
Longitude degrees:	81	Longitude minutes:	11
Longitude seconds:	36.0000		

State:	GA	Latitude degrees:	32
Latitude minutes:	7	Latitude seconds:	31.0000
Longitude degrees:	81	Longitude minutes:	11
Longitude seconds:	40.0000		

F16
WSW
1 - 2 Miles
Lower

GA WELLS **0000001908**

County code:	051	Well num:	36R041
Remarks:	VPI DOE 044 SAV AIRPORT	Lat:	320809
Lon:	0811221	Latlon datum:	NAD27
Alt:	20	Alt datum:	NGVD29
Depth:	1000	Depth to casing:	Not Reported
Casing dia:	Not Reported	Casing matl:	Not Reported
Depth to top:	Not Reported	Depth to bot:	Not Reported
Opening type:	Not Reported	Constr date:	19800810
Discharge:	Not Reported	Prim use:	U
Aquifer code:	Not Reported	Edr id:	0000001908

F17
WSW
1 - 2 Miles
Lower

FED USGS **USGS40000259566**

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	36R041	Type:	Well
Description:	VPI DOE 044 SAV AIRPORT	HUC:	03060109
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19800810
Well Depth:	1000	Well Depth Units:	ft
Well Hole Depth:	1000	Well Hole Depth Units:	ft

D18
NNE
1 - 2 Miles
Lower

FRDS PWS **GA0510019**

Epa region:	04	State:	GA
Pwsid:	GA0510019	Pwsname:	CHEROKEE MOBILE HOME PARK
Cityserved:	Not Reported	Stateserved:	GA
Zipserved:	Not Reported	Fipscounty:	13051
Status:	Closed	Retpopsrvd:	88
Pwssvcconn:	33	Psource longname:	Groundwater
Pwstype:	CWS	Owner:	Private
Contact:	ROYAL, JAMES	Contactorgname:	Not Reported
Contactphone:	912-964-4270	Contactaddress1:	6500 HIGHWAY 21
Contactaddress2:	Not Reported	Contactcity:	PORT WENTWORTH
Contactstate:	GA	Contactzip:	31407
Pwsactivitycode:	I		

Pwsid:	GA0510019	Facid:	403
Facname:	WELL #1 PLANT	Factype:	Treatment_plant
Facactivitycode:	I	Trtobjective:	disinfection
Trtprocess:	hypochlorination, post	Factypecode:	TP

PWS ID:	GA0510019	PWS name:	CHEROKEE MOBILE HOME PARK
Address:	6500 HIGHWAY 21	Care of:	CHEROKEE MOBILE HOME PARK
City:	PORT WENTWORTH	State:	GA
Zip:	31407	Owner:	CHEROKEE MOBILE HOME PARK
Source code:	Ground water	Population:	88

PWS ID:	GA0510019	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	County:	CHATHAM
Source:	Ground water	Treatment Objective:	DISINFECTION
Process:	HYPOCHLORINATION, POST	Population:	88

PWS ID:	GA0510019	Activity status:	Active
Date system activated:	Not Reported	Date system deactivated:	Not Reported
Retail population:	00000088	System name:	CHEROKEE MOBILE HOME PARK
System address:	CHEROKEE MOBILE HOME PARK	System address:	6500 HIGHWAY 21
System city:	PORT WENTWORTH	System state:	GA
System zip:	31407		

Population served:	Under 101 Persons	Treatment:	Treated

Latitude:	320944	Longitude:	0811045

State:	GA	Latitude degrees:	32
Latitude minutes:	9	Latitude seconds:	44.0000
Longitude degrees:	81	Longitude minutes:	10
Longitude seconds:	45.0000		

Violation id:	200	Orig code:	S
State:	GA	Violation Year:	1999
Contamination code:	7000	Contamination Name:	Consumer Confidence Rule
Violation code:	71	Violation name:	CCR Complete Failure to Report
Rule code:	420	Rule name:	CCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	10/19/1999
Cmp edt:	Not Reported		

Violation id:	30101	Orig code:	S
State:	GA	Violation Year:	2001
Contamination code:	7000	Contamination Name:	Consumer Confidence Rule
Violation code:	71	Violation name:	CCR Complete Failure to Report
Rule code:	420	Rule name:	CCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2001
Cmp edt:	Not Reported		

Violation ID:	200	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	10/06/2000
Enforcement Detail:	St AO (w/penalty) issued	Enforcement Category:	Formal

Violation ID:	200	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	10/06/2000
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving

Violation ID:	30101	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	07/02/2001
Enforcement Detail:	St Intentional no-action	Enforcement Category:	Resolving

Violation ID:	30101	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	09/10/2001
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation	Database	EDR ID Number
E19 **SSW** **1 - 2 Miles** **Higher**	**GA WELLS**	**614**

Id:	614	Water source id:	25M4B19
Name:	CITY OF SAVANNAH-TRAVIS F	Latitude:	32.1247
Longitude:	81.1942	Source:	G
Gw mgd:	0.67	Sw mgd:	0.00
Status:	1	Gwsi id:	36Q014
Population:	0	County:	CHATHAM
County fips:	51	Ggs:	1

E20 **SSW** **1 - 2 Miles** **Higher**	**FED USGS**	**USGS40000259535**

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	36Q365	Type:	Well
Description:	Not Reported	HUC:	03060109
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

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D21 **NNE** **1 - 2 Miles** **Lower**	**FED USGS**	**USGS40000259654**

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	36R022	Type:	Well
Description:	Not Reported	HUC:	03060109
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

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G22 **NE** **1 - 2 Miles** **Lower**	**FED USGS**	**USGS40000259637**

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	36R008	Type:	Well
Description:	PORT WENTWORTH, GA 2	HUC:	03060109
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Floridan aquifer system	Formation Type:	Upper Floridan Aquifer
Aquifer Type:	Confined multiple aquifer	Construction Date:	19230101

Well Depth:	502	Well Depth Units:	ft
Well Hole Depth:	502	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	22	Level reading date:	2000-09-14
Feet below surface:	78.70	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1998-05-22	Feet below surface:	70.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-11-10	Feet below surface:	78.87
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1990-05-17	Feet below surface:	80.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1988-05-24	Feet below surface:	89.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1985-05-20	Feet below surface:	83.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1984-11-01	Feet below surface:	84.77
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1984-05-18	Feet below surface:	82.87
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1983-11-08	Feet below surface:	82.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1983-06-15	Feet below surface:	79.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-11-03	Feet below surface:	76.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-10-27	Feet below surface:	81.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-05-21	Feet below surface:	74.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-11-02	Feet below surface:	79.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-12-04	Feet below surface:	78.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-11-07	Feet below surface:	79.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-12-14	Feet below surface:	72.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-02-20	Feet below surface:	71.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-01-16	Feet below surface:	70.00
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1975-09-22	Feet below surface:	72.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-11-29	Feet below surface:	76.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-11-30	Feet below surface:	58.35
Feet to sea level:	Not Reported	Note:	Not Reported

G23
NE
1 - 2 Miles
Lower

GA WELLS 0000001919

County code:	051	Well num:	36R008
Remarks:	PORT WENTWORTH, GA 2	Lat:	320920
Lon:	0810952	Latlon datum:	NAD27
Alt:	18	Alt datum:	NGVD29
Depth:	502	Depth to casing:	200.00
Casing dia:	12.00	Casing matl:	Not Reported
Depth to top:	200.00	Depth to bot:	502.00
Opening type:	X	Constr date:	1923
Discharge:	34.72	Prim use:	P
Aquifer code:	120FLRDU	Edr id:	0000001919

G24
NE
1 - 2 Miles
Lower

GA WELLS 612

Id:	612	Water source id:	25M0301
Name:	CITY OF PORT WENTWORTH	Latitude:	32.1550
Longitude:	81.1639	Source:	G
Gw mgd:	0.29	Sw mgd:	0.00
Status:	1	Gwsi id:	36K010
Population:	3,947	County:	CHATHAM
County fips:	51	Ggs:	1

G25
NE
1 - 2 Miles
Lower

GA WELLS 0000001918

County code:	051	Well num:	36R010
Remarks:	PORT WENTWORTH, GA 1	Lat:	320918
Lon:	0810950	Latlon datum:	NAD27
Alt:	16.00	Alt datum:	NGVD29
Depth:	650	Depth to casing:	254.00
Casing dia:	12.00	Casing matl:	S
Depth to top:	254.00	Depth to bot:	650.00
Opening type:	X	Constr date:	19420930
Discharge:	525.00	Prim use:	P
Aquifer code:	Not Reported	Edr id:	0000001918

Map ID Direction Distance Elevation	Database	EDR ID Number
G26 **NE** **1 - 2 Miles** **Lower**	**FED USGS**	**USGS40000259634**

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	36R010	Type:	Well
Description:	PORT WENTWORTH, GA 1	HUC:	03060109
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	19420930
Well Depth:	650	Well Depth Units:	ft
Well Hole Depth:	650	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	1	Level reading date:	1973-08-01
Feet below surface:	61.00	Feet to sea level:	Not Reported
Note:	Not Reported		

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27 **SSW** **1 - 2 Miles** **Higher**	**GA WELLS**	**615**

Id:	615	Water source id:	25M4B17
Name:	CITY OF SAVANNAH-TRAVIS F	Latitude:	32.1241
Longitude:	81.1961	Source:	G
Gw mgd:	0.67	Sw mgd:	0.00
Status:	1	Gwsi id:	Not Reported
Population:	0	County:	CHATHAM
County fips:	51	Ggs:	1

G28 **ENE** **1 - 2 Miles** **Lower**	**FRDS PWS**	**GA0510002**

Epa region:	04	State:	GA
Pwsid:	GA0510002	Pwsname:	PORT WENTWORTH
Cityserved:	Not Reported	Stateserved:	GA
Zipserved:	Not Reported	Fipscounty:	13051
Status:	Active	Retpopsrvd:	7985
Pwssvcconn:	1800	Psource longname:	Groundwater
Pwstype:	CWS	Owner:	Local_Govt
Contact:	CLAXTON, PHILLIP	Contactorgname:	CLAXTON, PHILLIP
Contactphone:	912-964-4379	Contactaddress1:	305 SOUTH COASTAL HWY.
Contactaddress2:	Not Reported	Contactcity:	PORT WENTWORTH
Contactstate:	GA	Contactzip:	31407
Pwsactivitycode:	A		

Pwsid:	GA0510002	Facid:	17602
Facname:	WELL #3 PLANT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, post		
Factypecode:	TP		

Pwsid:	GA0510002	Facid:	17602

Facname:	WELL #3 PLANT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	other
Trtprocess:	fluoridation	Factypecode:	TP

Pwsid:	GA0510002	Facid:	2633
Facname:	ANTRIM ST WELL PLANT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, post		
Factypecode:	TP		

Pwsid:	GA0510002	Facid:	2633
Facname:	ANTRIM ST WELL PLANT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	other
Trtprocess:	fluoridation	Factypecode:	TP

Pwsid:	GA0510002	Facid:	388
Facname:	APPLEBY RD WELL PLANT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, post		
Factypecode:	TP		

Pwsid:	GA0510002	Facid:	388
Facname:	APPLEBY RD WELL PLANT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	other
Trtprocess:	fluoridation	Factypecode:	TP

PWS ID:	GA0510002	PWS name:	PORT WENTWORTH
Address:	305 SOUTH COASTAL HIGHWAY	Care of:	CITY OF PORT WENTWORTH
City:	PORT WENTWORTH	State:	GA
Zip:	31407	Owner:	PORT WENTWORTH
Source code:	Ground water	Population:	3349

PWS ID:	GA0510002	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS name:	PORT WENTWORTH
PWS type code:	C	Retail population served:	7985
Contact:	CLAXTON, PHILLIP	Contact address:	305 SOUTH COASTAL HWY.
Contact address:	PORT WENTWORTH	Contact city:	GA
Contact state:	31	Contact zip:	912-964-43
Contact telephone:	Not Reported		

County:	CHATHAM	Source:	Ground water
Treatment Objective:	DISINFECTION	Process:	HYPOCHLORINATION, POST
Population:	3349		

PWS ID:	GA0510002	Activity status:	Active
Date system activated:	Not Reported	Date system deactivated:	Not Reported
Retail population:	00002639	System name:	PORT WENTWORTH
System address:	CITY OF PORT WENTWORTH	System address:	305 SOUTH COASTAL HWY.
System city:	PORT WENTWORTH	System state:	GA
System zip:	31407		

Population served:	2,501 - 3,300 Persons	Treatment:	Treated

Latitude:	320916	Longitude:	0810948

Latitude:	320916	Longitude:	0810946

State:	GA	Latitude degrees:	32
Latitude minutes:	9	Latitude seconds:	16.0000
Longitude degrees:	81	Longitude minutes:	9

Longitude seconds:	46.0000		
State:	GA	Latitude degrees:	32
Latitude minutes:	9	Latitude seconds:	16.0000
Longitude degrees:	81	Longitude minutes:	9
Longitude seconds:	48.0000		
Violation id:	20205	Orig code:	S
State:	GA	Violation Year:	2004
Contamination code:	7000	Contamination Name:	Consumer Confidence Rule
Violation code:	71	Violation name:	CCR Complete Failure to Report
Rule code:	420	Rule name:	CCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2004
Cmp edt:	Not Reported		
Violation id:	20410	Orig code:	S
State:	GA	Violation Year:	2009
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	09/01/2009
Cmp edt:	09/30/2009		
Violation id:	20613	Orig code:	S
State:	GA	Violation Year:	2013
Contamination code:	2950	Contamination Name:	TTHM
Violation code:	02	Violation name:	MCL, Average
Rule code:	210	Rule name:	St1 DBP
Violation measur:	0.118	Unit of measure:	UG/L
State mcl:	0.08	Cmp bdt:	01/01/2013
Cmp edt:	03/31/2013		
Violation ID:	20205	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	07/01/2005
Enforcement Detail:	St Intentional no-action	Enforcement Category:	Resolving
Violation ID:	20205	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	07/05/2005
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	20410	Orig Code:	S
Enforcemnt FY:	2010	Enforcement Action:	10/22/2009
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	20410	Orig Code:	S
Enforcemnt FY:	2010	Enforcement Action:	11/16/2009
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	20410	Orig Code:	S
Enforcemnt FY:	2010	Enforcement Action:	10/22/2009
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	20613	Orig Code:	S
Enforcemnt FY:	2014	Enforcement Action:	02/25/2014
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	20613	Orig Code:	S
Enforcemnt FY:	2014	Enforcement Action:	02/25/2014

Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal

PWS name:	PORT WENTWORTH	Population served:	7985
PWS type code:	C	Violation ID:	20205
Contaminant:	7000	Violation type:	71
Compliance start date:	7/1/2005 0:00:00	Compliance end date:	7/5/2005 0:00:00
Enforcement date:	7/1/2005 0:00:00	Enforcement action:	State Intentional no-action
Violation measurement:	Not Reported		

PWS name:	PORT WENTWORTH	Population served:	7985
PWS type code:	C	Violation ID:	20205
Contaminant:	7000	Violation type:	71
Compliance start date:	7/1/2005 0:00:00	Compliance end date:	7/5/2005 0:00:00
Enforcement date:	7/5/2005 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		

G29
NE
1 - 2 Miles
Lower

FED USGS **USGS40000259635**

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	36R013	Type:	Well
Description:	Not Reported	HUC:	03060109
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

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G30
ENE
1 - 2 Miles
Lower

FRDS PWS **GA0510002**

Epa region:	04	State:	GA
Pwsid:	GA0510002	Pwsname:	PORT WENTWORTH
Cityserved:	Not Reported	Stateserved:	GA
Zipserved:	Not Reported	Fipscounty:	13051
Status:	Active	Retpopsrvd:	7985
Pwssvcconn:	1800	Psource longname:	Groundwater
Pwstype:	CWS	Owner:	Local_Govt
Contact:	CLAXTON, PHILLIP	Contactorgname:	CLAXTON, PHILLIP
Contactphone:	912-964-4379	Contactaddress1:	305 SOUTH COASTAL HWY.
Contactaddress2:	Not Reported	Contactcity:	PORT WENTWORTH
Contactstate:	GA	Contactzip:	31407
Pwsactivitycode:	A		

Pwsid:	GA0510002	Facid:	17602
Facname:	WELL #3 PLANT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, post		
Factypecode:	TP		

Pwsid:	GA0510002	Facid:	17602
Facname:	WELL #3 PLANT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	other
Trtprocess:	fluoridation	Factypecode:	TP

Pwsid:	GA0510002	Facid:	2633
Facname:	ANTRIM ST WELL PLANT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, post		
Factypecode:	TP		

Pwsid:	GA0510002	Facid:	2633
Facname:	ANTRIM ST WELL PLANT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	other
Trtprocess:	fluoridation	Factypecode:	TP

Pwsid:	GA0510002	Facid:	388
Facname:	APPLEBY RD WELL PLANT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	disinfection
Trtprocess:	gaseous chlorination, post		
Factypecode:	TP		

Pwsid:	GA0510002	Facid:	388
Facname:	APPLEBY RD WELL PLANT	Factype:	Treatment_plant
Facactivitycode:	A	Trtobjective:	other
Trtprocess:	fluoridation	Factypecode:	TP

PWS ID:	GA0510002	PWS name:	PORT WENTWORTH
Address:	305 SOUTH COASTAL HIGHWAY	Care of:	CITY OF PORT WENTWORTH
City:	PORT WENTWORTH	State:	GA
Zip:	31407	Owner:	PORT WENTWORTH
Source code:	Ground water	Population:	3349

PWS ID:	GA0510002	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS name:	PORT WENTWORTH
PWS type code:	C	Retail population served:	7985
Contact:	CLAXTON, PHILLIP	Contact address:	305 SOUTH COASTAL HWY.
Contact address:	PORT WENTWORTH	Contact city:	GA
Contact state:	31	Contact zip:	912-964-43
Contact telephone:	Not Reported		

County:	CHATHAM	Source:	Ground water
Treatment Objective:	DISINFECTION	Process:	HYPOCHLORINATION, POST
Population:	3349		

PWS ID:	GA0510002	Activity status:	Active
Date system activated:	Not Reported	Date system deactivated:	Not Reported
Retail population:	00002639	System name:	PORT WENTWORTH
System address:	CITY OF PORT WENTWORTH	System address:	305 SOUTH COASTAL HWY.
System city:	PORT WENTWORTH	System state:	GA
System zip:	31407		

Population served:	2,501 - 3,300 Persons	Treatment:	Treated

Latitude:	320916	Longitude:	0810948

Latitude:	320916	Longitude:	0810946

State:	GA	Latitude degrees:	32
Latitude minutes:	9	Latitude seconds:	16.0000
Longitude degrees:	81	Longitude minutes:	9
Longitude seconds:	46.0000		

State:	GA	Latitude degrees:	32
Latitude minutes:	9	Latitude seconds:	16.0000

Longitude degrees:	81	Longitude minutes:	9
Longitude seconds:	48.0000		

Violation id:	20205	Orig code:	S
State:	GA	Violation Year:	2004
Contamination code:	7000	Contamination Name:	Consumer Confidence Rule
Violation code:	71	Violation name:	CCR Complete Failure to Report
Rule code:	420	Rule name:	CCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2004
Cmp edt:	Not Reported		

Violation id:	20410	Orig code:	S
State:	GA	Violation Year:	2009
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	09/01/2009
Cmp edt:	09/30/2009		

Violation id:	20613	Orig code:	S
State:	GA	Violation Year:	2013
Contamination code:	2950	Contamination Name:	TTHM
Violation code:	02	Violation name:	MCL, Average
Rule code:	210	Rule name:	St1 DBP
Violation measur:	0.118	Unit of measure:	UG/L
State mcl:	0.08	Cmp bdt:	01/01/2013
Cmp edt:	03/31/2013		

Violation ID:	20205	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	07/01/2005
Enforcement Detail:	St Intentional no-action	Enforcement Category:	Resolving

Violation ID:	20205	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	07/05/2005
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving

Violation ID:	20410	Orig Code:	S
Enforcemnt FY:	2010	Enforcement Action:	10/22/2009
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		

Violation ID:	20410	Orig Code:	S
Enforcemnt FY:	2010	Enforcement Action:	11/16/2009
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal

Violation ID:	20410	Orig Code:	S
Enforcemnt FY:	2010	Enforcement Action:	10/22/2009
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal

Violation ID:	20613	Orig Code:	S
Enforcemnt FY:	2014	Enforcement Action:	02/25/2014
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		

Violation ID:	20613	Orig Code:	S
Enforcemnt FY:	2014	Enforcement Action:	02/25/2014
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal

PWS name:	PORT WENTWORTH	Population served:	7985
PWS type code:	C	Violation ID:	20205

Contaminant:	7000	Violation type:	71
Compliance start date:	7/1/2005 0:00:00	Compliance end date:	7/5/2005 0:00:00
Enforcement date:	7/1/2005 0:00:00	Enforcement action:	State Intentional no-action
Violation measurement:	Not Reported		

PWS name:	PORT WENTWORTH	Population served:	7985
PWS type code:	C	Violation ID:	20205
Contaminant:	7000	Violation type:	71
Compliance start date:	7/1/2005 0:00:00	Compliance end date:	7/5/2005 0:00:00
Enforcement date:	7/5/2005 0:00:00	Enforcement action:	State Compliance Achieved
Violation measurement:	Not Reported		

H31
North
1 - 2 Miles
Lower

FED USGS **USGS40000259658**

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	36R021	Type:	Well
Description:	Not Reported	HUC:	03060109
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

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H32
North
1 - 2 Miles
Lower

FRDS PWS **GA0510136**

Epa region:	04	State:	GA
Pwsid:	GA0510136	Pwsname:	C & S MOBILE ESTATES
Cityserved:	Not Reported	Stateserved:	GA
Zipserved:	Not Reported	Fipscounty:	13051
Status:	Closed	Retpopsrvd:	80
Pwssvcconn:	31	Psource longname:	Groundwater
Pwstype:	CWS	Owner:	Private
Contact:	RAHN, CHARLES B	Contactorgname:	Not Reported
Contactphone:	912-964-8106	Contactaddress1:	POB 7865
Contactaddress2:	Not Reported	Contactcity:	GARDEN CITY
Contactstate:	GA	Contactzip:	314187865
Pwsactivitycode:	I		

PWS ID:	GA0510136	PWS name:	C & S MOBILE ESTATES
Address:	POB 7865	Care of:	C & S MOBILE ESTATES
City:	GARDEN CITY	State:	GA
Zip:	314187865	Owner:	C & S MOBILE ESTATES
Source code:	Ground water	Population:	80

PWS ID:	GA0510136	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS ID:	GA0510136
Activity status:	Active	Date system activated:	Not Reported
Date system deactivated:	Not Reported	Retail population:	00000080
System name:	C & S MOBILE ESTATES	System address:	C & S MOBILE ESTATES
System address:	POB 7865	System city:	GARDEN CITY

System state:	GA	System zip:	314187865
Population served:	Under 101 Persons	Treatment:	Untreated
Latitude:	320953	Longitude:	0811056
State:	GA	Latitude degrees:	32
Latitude minutes:	9	Latitude seconds:	53.0000
Longitude degrees:	81	Longitude minutes:	10
Longitude seconds:	56.0000		
Violation id:	20101	Orig code:	S
State:	GA	Violation Year:	2001
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	0	Unit of measure:	Not Reported
State mcl:	0	Cmp bdt:	04/01/2001
Cmp edt:	04/30/2001		
Violation id:	20301	Orig code:	S
State:	GA	Violation Year:	2001
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	22	Violation name:	MCL, Monthly (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	0	Unit of measure:	Not Reported
State mcl:	0	Cmp bdt:	06/01/2001
Cmp edt:	06/30/2001		
Violation id:	20401	Orig code:	S
State:	GA	Violation Year:	2001
Contamination code:	7000	Contamination Name:	Consumer Confidence Rule
Violation code:	71	Violation name:	CCR Complete Failure to Report
Rule code:	420	Rule name:	CCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2001
Cmp edt:	Not Reported		
Violation id:	20602	Orig code:	S
State:	GA	Violation Year:	2002
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	22	Violation name:	MCL, Monthly (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2002
Cmp edt:	07/31/2002		
Violation ID:	20101	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	05/24/2001
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	20101	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	05/24/2001
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	20301	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	07/31/2001
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	20301	Orig Code:	S

Enforcemnt FY:	2001	Enforcement Action:	07/31/2001
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	20401	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	09/04/2001
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	20401	Orig Code:	S
Enforcemnt FY:	2001	Enforcement Action:	07/02/2001
Enforcement Detail:	St Intentional no-action	Enforcement Category:	Resolving
Violation ID:	20602	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	09/11/2002
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	20602	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	08/27/2002
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	20602	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	08/27/2002
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		

I33
SE
1 - 2 Miles
Lower

FED USGS **USGS40000259537**

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	36R019	Type:	Well
Description:	Not Reported	HUC:	03060109
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

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H34
North
1 - 2 Miles
Lower

FED USGS **USGS40000259661**

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	36R024	Type:	Well
Description:	Not Reported	HUC:	03060109
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
J35 **SSW** **1 - 2 Miles** **Lower**	**FED USGS**	**USGS40000259527**

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	36Q293	Type:	Well
Description:	SAVANNAH, GA, 17	HUC:	03060109
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Floridan aquifer system	Formation Type:	Floridan Aquifer System
Aquifer Type:	Confined multiple aquifer	Construction Date:	Not Reported
Well Depth:	652	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

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J36 **SSW** **1 - 2 Miles** **Lower**	**GA WELLS**	**0000001899**

County code:	051	Well num:	36Q293
Remarks:	SAVANNAH, GA, 17	Lat:	320716
Lon:	0811137	Latlon datum:	NAD27
Alt:	38.93	Alt datum:	NGVD29
Depth:	652	Depth to casing:	272
Casing dia:	10	Casing matl:	Not Reported
Depth to top:	272	Depth to bot:	652
Opening type:	X	Constr date:	194208
Discharge:	Not Reported	Prim use:	P
Aquifer code:	120FLRD	Edr id:	0000001899

J37 **SSW** **1 - 2 Miles** **Lower**	**FED USGS**	**USGS40000259528**

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	36Q364	Type:	Well
Description:	Not Reported	HUC:	03060109
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

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H38 **North** **1 - 2 Miles** **Lower**	**FRDS PWS**	**GA0510137**

Epa region:	04	State:	GA
Pwsid:	GA0510137	Pwsname:	BARNWELL GARDENS SUBDIVISION
Cityserved:	Not Reported	Stateserved:	GA
Zipserved:	Not Reported	Fipscounty:	13051

Status:	Active	Retpopsrvd:	97
Pwssvcconn:	38	Psource longname:	Groundwater
Pwstype:	CWS	Owner:	Private
Contact:	THOMPSON, VINCE	Contactorgname:	THOMPSON, VINCE
Contactphone:	912-964-4770	Contactaddress1:	8144 OLD HWY. 21
Contactaddress2:	Not Reported	Contactcity:	PORT WENTWORTH
Contactstate:	GA	Contactzip:	31407
Pwsactivitycode:	A		

PWS ID:	GA0510137	PWS name:	BARNWELL GARDENS SUBDIVISION
Address:	6594 HIGHWAY 21	Care of:	BARNWELL GARDENS MHP
City:	PORT WENTWORTH	State:	GA
Zip:	31407	Owner:	BARNWELL GARDENS SUBDIVISION
Source code:	Ground water	Population:	99

PWS ID:	GA0510137	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS name:	BARNWELL GARDENS SUBDIVISION
PWS type code:	C	Retail population served:	97
Contact:	THOMPSON, VINCE	Contact address:	8144 OLD HWY. 21
Contact address:	PORT WENTWORTH	Contact city:	GA
Contact state:	31	Contact zip:	912-964-47
Contact telephone:	Not Reported		

PWS ID:	GA0510137	Activity status:	Active
Date system activated:	Not Reported	Date system deactivated:	Not Reported
Retail population:	00000071	System name:	BARNWELL GARDENS SUBDIVISION
System address:	BARNWELL GARDENS S/D	System address:	6594 HIGHWAY 21
System city:	PORT WENTWORTH	System state:	GA
System zip:	31407		

Population served:	Under 101 Persons	Treatment:	Untreated

Latitude:	320958	Longitude:	0811058

State:	GA	Latitude degrees:	32
Latitude minutes:	9	Latitude seconds:	58.0000
Longitude degrees:	81	Longitude minutes:	10
Longitude seconds:	58.0000		

Violation id:	10102	Orig code:	S
State:	GA	Violation Year:	2002
Contamination code:	7000	Contamination Name:	Consumer Confidence Rule
Violation code:	71	Violation name:	CCR Complete Failure to Report
Rule code:	420	Rule name:	CCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2002
Cmp edt:	Not Reported		

Violation id:	10303	Orig code:	S
State:	GA	Violation Year:	2002
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	25	Violation name:	Monitoring, Repeat Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	12/01/2002
Cmp edt:	12/31/2002		

Violation id:	10503	Orig code:	S
State:	GA	Violation Year:	2003
Contamination code:	7000	Contamination Name:	Consumer Confidence Rule

Violation code:	71	Violation name:	CCR Complete Failure to Report
Rule code:	420	Rule name:	CCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2003
Cmp edt:	Not Reported		

Violation id:	10604	Orig code:	S
State:	GA	Violation Year:	2004
Contamination code:	7000	Contamination Name:	Consumer Confidence Rule
Violation code:	71	Violation name:	CCR Complete Failure to Report
Rule code:	420	Rule name:	CCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2004
Cmp edt:	Not Reported		

Violation id:	10705	Orig code:	S
State:	GA	Violation Year:	2005
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	05/01/2005
Cmp edt:	05/31/2005		

Violation id:	10805	Orig code:	S
State:	GA	Violation Year:	2005
Contamination code:	7000	Contamination Name:	Consumer Confidence Rule
Violation code:	71	Violation name:	CCR Complete Failure to Report
Rule code:	420	Rule name:	CCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2005
Cmp edt:	Not Reported		

Violation id:	10906	Orig code:	S
State:	GA	Violation Year:	2005
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	12/01/2005
Cmp edt:	12/31/2005		

Violation id:	11006	Orig code:	S
State:	GA	Violation Year:	2006
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	01/01/2006
Cmp edt:	01/31/2006		

Violation id:	11106	Orig code:	S
State:	GA	Violation Year:	2006
Contamination code:	7000	Contamination Name:	Consumer Confidence Rule
Violation code:	71	Violation name:	CCR Complete Failure to Report
Rule code:	420	Rule name:	CCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2006
Cmp edt:	Not Reported		

Violation id:	11207	Orig code:	S
State:	GA	Violation Year:	2007

Contamination code:	7000	Contamination Name:	Consumer Confidence Rule
Violation code:	71	Violation name:	CCR Complete Failure to Report
Rule code:	420	Rule name:	CCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2007
Cmp edt:	Not Reported		

Violation id:	11308	Orig code:	S
State:	GA	Violation Year:	2008
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	23	Violation name:	Monitoring, Routine Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	03/01/2008
Cmp edt:	03/31/2008		

Violation id:	11408	Orig code:	S
State:	GA	Violation Year:	2008
Contamination code:	7000	Contamination Name:	Consumer Confidence Rule
Violation code:	71	Violation name:	CCR Complete Failure to Report
Rule code:	420	Rule name:	CCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2008
Cmp edt:	Not Reported		

Violation id:	11508	Orig code:	S
State:	GA	Violation Year:	2008
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	26	Violation name:	Monitoring, Repeat Minor (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	06/01/2008
Cmp edt:	06/30/2008		

Violation id:	11608	Orig code:	S
State:	GA	Violation Year:	2008
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	24	Violation name:	Monitoring, Routine Minor (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2008
Cmp edt:	07/31/2008		

Violation id:	11709	Orig code:	S
State:	GA	Violation Year:	2008
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	22	Violation name:	MCL, Monthly (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	09/01/2008
Cmp edt:	09/30/2008		

Violation id:	11809	Orig code:	S
State:	GA	Violation Year:	2008
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	24	Violation name:	Monitoring, Routine Minor (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	10/01/2008
Cmp edt:	10/31/2008		

Violation id:	11909	Orig code:	S

State:	GA	Violation Year:	2008
Contamination code:	1040	Contamination Name:	Nitrate
Violation code:	03	Violation name:	Monitoring, Regular
Rule code:	331	Rule name:	Nitrates
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	01/01/2008
Cmp edt:	12/31/2008		

Violation id:	12009	Orig code:	S
State:	GA	Violation Year:	2009
Contamination code:	7000	Contamination Name:	Consumer Confidence Rule
Violation code:	71	Violation name:	CCR Complete Failure to Report
Rule code:	420	Rule name:	CCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2009
Cmp edt:	Not Reported		

Violation id:	12109	Orig code:	S
State:	GA	Violation Year:	2009
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	24	Violation name:	Monitoring, Routine Minor (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	07/01/2009
Cmp edt:	07/31/2009		

Violation id:	12210	Orig code:	S
State:	GA	Violation Year:	2009
Contamination code:	5000	Contamination Name:	Lead and Copper Rule
Violation code:	52	Violation name:	Follow-up Or Routine LCR Tap M/R
Rule code:	350	Rule name:	LCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	10/01/2009
Cmp edt:	Not Reported		

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9200001	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	COLIFORM (TCR)
Violation type:	Max Contaminant Level, Monthly (TCR)		
Violation start date:	040192	Violation end date:	043092
Violation period (months):	001	Violation awareness date:	Not Reported
Major violator:	Not Reported	Maximum contaminant level:	Not Reported
Number of required samples:	Not Reported	Number of samples taken:	Not Reported
Analysis method:	Not Reported	Analysis result:	Not Reported

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9200002	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Repeat Minor (TCR)		
Violation start date:	040192	Violation end date:	043092
Violation period (months):	001	Violation awareness date:	Not Reported
Major violator:	No	Maximum contaminant level:	Not Reported
Number of required samples:	Not Reported	Number of samples taken:	Not Reported
Analysis method:	Not Reported	Analysis result:	Not Reported

Violation ID:	100	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	02/17/2000
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal

Violation ID:	100	Orig Code:	S

Enforcemnt FY:	2000	Enforcement Action:	02/17/2000
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	100	Orig Code:	S
Enforcemnt FY:	2000	Enforcement Action:	03/27/2000
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	10102	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	07/18/2002
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	10102	Orig Code:	S
Enforcemnt FY:	2002	Enforcement Action:	07/02/2002
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	10303	Orig Code:	S
Enforcemnt FY:	2003	Enforcement Action:	01/21/2003
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	10303	Orig Code:	S
Enforcemnt FY:	2003	Enforcement Action:	01/21/2003
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	10503	Orig Code:	S
Enforcemnt FY:	2003	Enforcement Action:	08/11/2003
Enforcement Detail:	State CCR Follow-up Notice		
Enforcement Category:	Informal		
Violation ID:	10503	Orig Code:	S
Enforcemnt FY:	2003	Enforcement Action:	09/17/2003
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	10604	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	09/14/2004
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	10604	Orig Code:	S
Enforcemnt FY:	2004	Enforcement Action:	08/20/2004
Enforcement Detail:	State CCR Follow-up Notice		
Enforcement Category:	Informal		
Violation ID:	10705	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	08/21/2006
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	10705	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	06/27/2005
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	10705	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	07/14/2006
Enforcement Detail:	St AO (w/penalty) issued	Enforcement Category:	Formal
Violation ID:	10705	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	05/30/2006
Enforcement Detail:	St Compliance Meeting conducted		
Enforcement Category:	Informal		

Violation ID:	10705	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	05/09/2006
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	10705	Orig Code:	S
Enforcemnt FY:	2007	Enforcement Action:	03/15/2007
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	10705	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	06/27/2005
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	10805	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	07/14/2006
Enforcement Detail:	St AO (w/penalty) issued	Enforcement Category:	Formal
Violation ID:	10805	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	08/01/2005
Enforcement Detail:	State CCR Follow-up Notice		
Enforcement Category:	Informal		
Violation ID:	10805	Orig Code:	S
Enforcemnt FY:	2007	Enforcement Action:	03/15/2007
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	10805	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	08/29/2006
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	10805	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	10/03/2005
Enforcement Detail:	State CCR Follow-up Notice		
Enforcement Category:	Informal		
Violation ID:	10906	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	01/23/2006
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	10906	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	05/09/2006
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	10906	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	05/30/2006
Enforcement Detail:	St Compliance Meeting conducted		
Enforcement Category:	Informal		
Violation ID:	10906	Orig Code:	S
Enforcemnt FY:	2007	Enforcement Action:	03/15/2007
Enforcement Detail:	St Formal NOV issued	Enforcement Category:	Informal
Violation ID:	10906	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	08/21/2006
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	10906	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	07/14/2006
Enforcement Detail:	St AO (w/penalty) issued	Enforcement Category:	Formal
Violation ID:	10906	Orig Code:	S
Enforcemnt FY:	2006	Enforcement Action:	01/23/2006
Enforcement Detail:	St Violation/Reminder Notice		

Enforcement Category: Informal

Violation ID: 11006 Orig Code: S
Enforcemnt FY: 2006 Enforcement Action: 02/22/2006
Enforcement Detail: St Violation/Reminder Notice
Enforcement Category: Informal

Violation ID: 11006 Orig Code: S
Enforcemnt FY: 2006 Enforcement Action: 02/22/2006
Enforcement Detail: St Public Notif requested Enforcement Category: Informal

Violation ID: 11006 Orig Code: S
Enforcemnt FY: 2006 Enforcement Action: 05/09/2006
Enforcement Detail: St Formal NOV issued Enforcement Category: Informal

Violation ID: 11006 Orig Code: S
Enforcemnt FY: 2006 Enforcement Action: 05/30/2006
Enforcement Detail: St Compliance Meeting conducted
Enforcement Category: Informal

Violation ID: 11006 Orig Code: S
Enforcemnt FY: 2006 Enforcement Action: 08/21/2006
Enforcement Detail: St Public Notif received Enforcement Category: Informal

Violation ID: 11006 Orig Code: S
Enforcemnt FY: 2007 Enforcement Action: 03/15/2007
Enforcement Detail: St Formal NOV issued Enforcement Category: Informal

Violation ID: 11006 Orig Code: S
Enforcemnt FY: 2006 Enforcement Action: 07/14/2006
Enforcement Detail: St AO (w/penalty) issued Enforcement Category: Formal

Violation ID: 11106 Orig Code: S
Enforcemnt FY: 2006 Enforcement Action: 08/15/2006
Enforcement Detail: State CCR Follow-up Notice
Enforcement Category: Informal

Violation ID: 11106 Orig Code: S
Enforcemnt FY: 2007 Enforcement Action: 03/15/2007
Enforcement Detail: St Formal NOV issued Enforcement Category: Informal

Violation ID: 11106 Orig Code: S
Enforcemnt FY: 2006 Enforcement Action: 08/20/2006
Enforcement Detail: St Compliance achieved Enforcement Category: Resolving

Violation ID: 11106 Orig Code: S
Enforcemnt FY: 2006 Enforcement Action: 07/14/2006
Enforcement Detail: St AO (w/penalty) issued Enforcement Category: Formal

Violation ID: 11207 Orig Code: S
Enforcemnt FY: 2007 Enforcement Action: 09/28/2007
Enforcement Detail: St Compliance achieved Enforcement Category: Resolving

Violation ID: 11207 Orig Code: S
Enforcemnt FY: 2007 Enforcement Action: 08/31/2007
Enforcement Detail: State CCR Follow-up Notice
Enforcement Category: Informal

Violation ID: 11308 Orig Code: S
Enforcemnt FY: 2009 Enforcement Action: 02/20/2009
Enforcement Detail: St AO (w/penalty) issued Enforcement Category: Formal

Violation ID:	11308	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	02/23/2009
Enforcement Detail:	St AO (w/penalty) issued	Enforcement Category:	Formal
Violation ID:	11308	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	04/18/2008
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	11308	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	04/18/2008
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	11408	Orig Code:	S
Enforcemnt FY:	2010	Enforcement Action:	03/30/2010
Enforcement Detail:	St AO (w/penalty) issued	Enforcement Category:	Formal
Violation ID:	11408	Orig Code:	S
Enforcemnt FY:	2010	Enforcement Action:	05/03/2010
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	11408	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	08/12/2008
Enforcement Detail:	State CCR Follow-up Notice		
Enforcement Category:	Informal		
Violation ID:	11508	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	07/18/2008
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	11508	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	07/18/2008
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	11508	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	02/20/2009
Enforcement Detail:	St AO (w/penalty) issued	Enforcement Category:	Formal
Violation ID:	11508	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	02/23/2009
Enforcement Detail:	St AO (w/penalty) issued	Enforcement Category:	Formal
Violation ID:	11608	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	02/20/2009
Enforcement Detail:	St AO (w/penalty) issued	Enforcement Category:	Formal
Violation ID:	11608	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	08/23/2008
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	11608	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	02/23/2009
Enforcement Detail:	St AO (w/penalty) issued	Enforcement Category:	Formal
Violation ID:	11608	Orig Code:	S
Enforcemnt FY:	2008	Enforcement Action:	08/23/2008
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	11709	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	02/23/2009

Enforcement Detail:	St AO (w/penalty) issued	Enforcement Category:	Formal
Violation ID:	11709	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	10/06/2008
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	11709	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	02/20/2009
Enforcement Detail:	St AO (w/penalty) issued	Enforcement Category:	Formal
Violation ID:	11709	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	10/06/2008
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	11809	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	11/20/2008
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	11809	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	02/20/2009
Enforcement Detail:	St AO (w/penalty) issued	Enforcement Category:	Formal
Violation ID:	11809	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	11/20/2008
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	11809	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	02/23/2009
Enforcement Detail:	St AO (w/penalty) issued	Enforcement Category:	Formal
Violation ID:	11909	Orig Code:	S
Enforcemnt FY:	2010	Enforcement Action:	03/30/2010
Enforcement Detail:	St AO (w/penalty) issued	Enforcement Category:	Formal
Violation ID:	11909	Orig Code:	S
Enforcemnt FY:	2011	Enforcement Action:	10/12/2010
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	11909	Orig Code:	S
Enforcemnt FY:	2010	Enforcement Action:	04/07/2010
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal
Violation ID:	11909	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/20/2009
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		
Violation ID:	11909	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	03/20/2009
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal
Violation ID:	12009	Orig Code:	S
Enforcemnt FY:	2010	Enforcement Action:	05/03/2010
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving
Violation ID:	12009	Orig Code:	S
Enforcemnt FY:	2010	Enforcement Action:	10/07/2009
Enforcement Detail:	State CCR Follow-up Notice		
Enforcement Category:	Informal		

Violation ID:	12009	Orig Code:	S
Enforcemnt FY:	2010	Enforcement Action:	03/30/2010
Enforcement Detail:	St AO (w/penalty) issued	Enforcement Category:	Formal

Violation ID:	12009	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	08/05/2009
Enforcement Detail:	State CCR Follow-up Notice		
Enforcement Category:	Informal		

Violation ID:	12109	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	08/19/2009
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		

Violation ID:	12109	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	09/03/2009
Enforcement Detail:	St Public Notif received	Enforcement Category:	Informal

Violation ID:	12109	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	08/19/2009
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal

Violation ID:	12210	Orig Code:	S
Enforcemnt FY:	2010	Enforcement Action:	09/14/2010
Enforcement Detail:	St Compliance achieved	Enforcement Category:	Resolving

Violation ID:	12210	Orig Code:	S
Enforcemnt FY:	2010	Enforcement Action:	05/12/2010
Enforcement Detail:	St Public Notif requested	Enforcement Category:	Informal

Violation ID:	12210	Orig Code:	S
Enforcemnt FY:	2010	Enforcement Action:	05/12/2010
Enforcement Detail:	St Violation/Reminder Notice		
Enforcement Category:	Informal		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	10102	Contaminant:	7000
Violation type:	71	Compliance start date:	7/1/2002 0:00:00
Compliance end date:	7/18/2002 0:00:00	Enforcement date:	7/18/2002 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	10102	Contaminant:	7000
Violation type:	71	Compliance start date:	7/1/2002 0:00:00
Compliance end date:	7/18/2002 0:00:00	Enforcement date:	7/2/2002 0:00:00
Enforcement action:	State Violation/Reminder Notice		
Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	10303	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Repeat Major (TCR)		
Compliance start date:	12/1/2002 0:00:00	Compliance end date:	12/31/2002 0:00:00
Enforcement date:	1/21/2003 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	10303	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Repeat Major (TCR)		

Compliance start date:	12/1/2002 0:00:00	Compliance end date:	12/31/2002 0:00:00
Enforcement date:	1/21/2003 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	10503	Contaminant:	7000
Violation type:	71	Compliance start date:	7/1/2003 0:00:00
Compliance end date:	9/17/2003 0:00:00	Enforcement date:	8/11/2003 0:00:00
Enforcement action:	SII	Violation measurement:	Not Reported

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	10503	Contaminant:	7000
Violation type:	71	Compliance start date:	7/1/2003 0:00:00
Compliance end date:	9/17/2003 0:00:00	Enforcement date:	9/17/2003 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	10604	Contaminant:	7000
Violation type:	71	Compliance start date:	7/1/2004 0:00:00
Compliance end date:	9/14/2004 0:00:00	Enforcement date:	8/20/2004 0:00:00
Enforcement action:	SII	Violation measurement:	Not Reported

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	10604	Contaminant:	7000
Violation type:	71	Compliance start date:	7/1/2004 0:00:00
Compliance end date:	9/14/2004 0:00:00	Enforcement date:	9/14/2004 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	10705	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	5/1/2005 0:00:00	Compliance end date:	5/31/2005 0:00:00
Enforcement date:	3/15/2007 0:00:00	Enforcement action:	State Formal NOV Issued
Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	10705	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	5/1/2005 0:00:00	Compliance end date:	5/31/2005 0:00:00
Enforcement date:	5/30/2006 0:00:00	Enforcement action:	State Compliance Meeting Conducted
Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	10705	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	5/1/2005 0:00:00	Compliance end date:	5/31/2005 0:00:00
Enforcement date:	5/9/2006 0:00:00	Enforcement action:	State Formal NOV Issued
Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	10705	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	5/1/2005 0:00:00	Compliance end date:	5/31/2005 0:00:00
Enforcement date:	6/27/2005 0:00:00	Enforcement action:	State Violation/Reminder Notice

Violation measurement: Not Reported

PWS name: BARNWELL GARDENS SUBDIVISION
Population served: 97 PWS type code: C
Violation ID: 10705 Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 5/1/2005 0:00:00 Compliance end date: 5/31/2005 0:00:00
Enforcement date: 6/27/2005 0:00:00 Enforcement action: State Public Notif Requested
Violation measurement: Not Reported

PWS name: BARNWELL GARDENS SUBDIVISION
Population served: 97 PWS type code: C
Violation ID: 10705 Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 5/1/2005 0:00:00 Compliance end date: 5/31/2005 0:00:00
Enforcement date: 7/14/2006 0:00:00 Enforcement action: State AO (w/penalty) Issued
Violation measurement: Not Reported

PWS name: BARNWELL GARDENS SUBDIVISION
Population served: 97 PWS type code: C
Violation ID: 10705 Contaminant: COLIFORM (TCR)
Violation type: Monitoring, Routine Major (TCR)
Compliance start date: 5/1/2005 0:00:00 Compliance end date: 5/31/2005 0:00:00
Enforcement date: 8/21/2006 0:00:00 Enforcement action: State Public Notif Received
Violation measurement: Not Reported

PWS name: BARNWELL GARDENS SUBDIVISION
Population served: 97 PWS type code: C
Violation ID: 10805 Contaminant: 7000
Violation type: 71 Compliance start date: 7/1/2005 0:00:00
Compliance end date: 8/29/2006 0:00:00 Enforcement date: 10/3/2005 0:00:00
Enforcement action: SII Violation measurement: Not Reported

PWS name: BARNWELL GARDENS SUBDIVISION
Population served: 97 PWS type code: C
Violation ID: 10805 Contaminant: 7000
Violation type: 71 Compliance start date: 7/1/2005 0:00:00
Compliance end date: 8/29/2006 0:00:00 Enforcement date: 3/15/2007 0:00:00
Enforcement action: State Formal NOV Issued Violation measurement: Not Reported

PWS name: BARNWELL GARDENS SUBDIVISION
Population served: 97 PWS type code: C
Violation ID: 10805 Contaminant: 7000
Violation type: 71 Compliance start date: 7/1/2005 0:00:00
Compliance end date: 8/29/2006 0:00:00 Enforcement date: 7/14/2006 0:00:00
Enforcement action: State AO (w/penalty) Issued
Violation measurement: Not Reported

PWS name: BARNWELL GARDENS SUBDIVISION
Population served: 97 PWS type code: C
Violation ID: 10805 Contaminant: 7000
Violation type: 71 Compliance start date: 7/1/2005 0:00:00
Compliance end date: 8/29/2006 0:00:00 Enforcement date: 8/1/2005 0:00:00
Enforcement action: SII Violation measurement: Not Reported

PWS name: BARNWELL GARDENS SUBDIVISION
Population served: 97 PWS type code: C
Violation ID: 10805 Contaminant: 7000
Violation type: 71 Compliance start date: 7/1/2005 0:00:00
Compliance end date: 8/29/2006 0:00:00 Enforcement date: 8/29/2006 0:00:00
Enforcement action: State Compliance Achieved Violation measurement: Not Reported

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	10906	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	12/1/2005 0:00:00	Compliance end date:	12/31/2005 0:00:00
Enforcement date:	1/23/2006 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	10906	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	12/1/2005 0:00:00	Compliance end date:	12/31/2005 0:00:00
Enforcement date:	1/23/2006 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	10906	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	12/1/2005 0:00:00	Compliance end date:	12/31/2005 0:00:00
Enforcement date:	3/15/2007 0:00:00	Enforcement action:	State Formal NOV Issued
Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	10906	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	12/1/2005 0:00:00	Compliance end date:	12/31/2005 0:00:00
Enforcement date:	5/30/2006 0:00:00	Enforcement action:	State Compliance Meeting Conducted
Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	10906	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	12/1/2005 0:00:00	Compliance end date:	12/31/2005 0:00:00
Enforcement date:	5/9/2006 0:00:00	Enforcement action:	State Formal NOV Issued
Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	10906	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	12/1/2005 0:00:00	Compliance end date:	12/31/2005 0:00:00
Enforcement date:	7/14/2006 0:00:00	Enforcement action:	State AO (w/penalty) Issued
Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	10906	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	12/1/2005 0:00:00	Compliance end date:	12/31/2005 0:00:00
Enforcement date:	8/21/2006 0:00:00	Enforcement action:	State Public Notif Received
Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	11006	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	1/1/2006 0:00:00	Compliance end date:	1/31/2006 0:00:00
Enforcement date:	2/22/2006 0:00:00	Enforcement action:	State Violation/Reminder Notice

Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	11006	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	1/1/2006 0:00:00	Compliance end date:	1/31/2006 0:00:00
Enforcement date:	2/22/2006 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	11006	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	1/1/2006 0:00:00	Compliance end date:	1/31/2006 0:00:00
Enforcement date:	3/15/2007 0:00:00	Enforcement action:	State Formal NOV Issued
Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	11006	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	1/1/2006 0:00:00	Compliance end date:	1/31/2006 0:00:00
Enforcement date:	5/30/2006 0:00:00	Enforcement action:	State Compliance Meeting Conducted
Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	11006	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	1/1/2006 0:00:00	Compliance end date:	1/31/2006 0:00:00
Enforcement date:	5/9/2006 0:00:00	Enforcement action:	State Formal NOV Issued
Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	11006	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	1/1/2006 0:00:00	Compliance end date:	1/31/2006 0:00:00
Enforcement date:	7/14/2006 0:00:00	Enforcement action:	State AO (w/penalty) Issued
Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	11006	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	1/1/2006 0:00:00	Compliance end date:	1/31/2006 0:00:00
Enforcement date:	8/21/2006 0:00:00	Enforcement action:	State Public Notif Received
Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	11106	Contaminant:	7000
Violation type:	71	Compliance start date:	7/1/2006 0:00:00
Compliance end date:	8/20/2006 0:00:00	Enforcement date:	3/15/2007 0:00:00
Enforcement action:	State Formal NOV Issued	Violation measurement:	Not Reported

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	11106	Contaminant:	7000
Violation type:	71	Compliance start date:	7/1/2006 0:00:00
Compliance end date:	8/20/2006 0:00:00	Enforcement date:	7/14/2006 0:00:00

Enforcement action:	State AO (w/penalty) Issued		
Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	11106	Contaminant:	7000
Violation type:	71	Compliance start date:	7/1/2006 0:00:00
Compliance end date:	8/20/2006 0:00:00	Enforcement date:	8/15/2006 0:00:00
Enforcement action:	SII	Violation measurement:	Not Reported

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	11106	Contaminant:	7000
Violation type:	71	Compliance start date:	7/1/2006 0:00:00
Compliance end date:	8/20/2006 0:00:00	Enforcement date:	8/20/2006 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	11207	Contaminant:	7000
Violation type:	71	Compliance start date:	7/1/2007 0:00:00
Compliance end date:	9/28/2007 0:00:00	Enforcement date:	8/31/2007 0:00:00
Enforcement action:	SII	Violation measurement:	Not Reported

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	11207	Contaminant:	7000
Violation type:	71	Compliance start date:	7/1/2007 0:00:00
Compliance end date:	9/28/2007 0:00:00	Enforcement date:	9/28/2007 0:00:00
Enforcement action:	State Compliance Achieved	Violation measurement:	Not Reported

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	11308	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	3/1/2008 0:00:00	Compliance end date:	3/31/2008 0:00:00
Enforcement date:	4/18/2008 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	11308	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Compliance start date:	3/1/2008 0:00:00	Compliance end date:	3/31/2008 0:00:00
Enforcement date:	4/18/2008 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	11408	Contaminant:	7000
Violation type:	71	Compliance start date:	7/1/2008 0:00:00
Compliance end date:	12/31/2025 0:00:00	Enforcement date:	8/12/2008 0:00:00
Enforcement action:	SII	Violation measurement:	Not Reported

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	11508	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Repeat Minor (TCR)		
Compliance start date:	6/1/2008 0:00:00	Compliance end date:	6/30/2008 0:00:00
Enforcement date:	7/18/2008 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	11508	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Repeat Minor (TCR)		
Compliance start date:	6/1/2008 0:00:00	Compliance end date:	6/30/2008 0:00:00
Enforcement date:	7/18/2008 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	11608	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Minor (TCR)		
Compliance start date:	7/1/2008 0:00:00	Compliance end date:	7/31/2008 0:00:00
Enforcement date:	8/23/2008 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	11608	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Minor (TCR)		
Compliance start date:	7/1/2008 0:00:00	Compliance end date:	7/31/2008 0:00:00
Enforcement date:	8/23/2008 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	11709	Contaminant:	COLIFORM (TCR)
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	9/1/2008 0:00:00	Compliance end date:	9/30/2008 0:00:00
Enforcement date:	10/6/2008 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	11709	Contaminant:	COLIFORM (TCR)
Violation type:	Max Contaminant Level, Monthly (TCR)		
Compliance start date:	9/1/2008 0:00:00	Compliance end date:	9/30/2008 0:00:00
Enforcement date:	10/6/2008 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	11809	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Minor (TCR)		
Compliance start date:	10/1/2008 0:00:00	Compliance end date:	10/31/2008 0:00:00
Enforcement date:	11/20/2008 0:00:00	Enforcement action:	State Violation/Reminder Notice
Violation measurement:	Not Reported		

PWS name:	BARNWELL GARDENS SUBDIVISION		
Population served:	97	PWS type code:	C
Violation ID:	11809	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Minor (TCR)		
Compliance start date:	10/1/2008 0:00:00	Compliance end date:	10/31/2008 0:00:00
Enforcement date:	11/20/2008 0:00:00	Enforcement action:	State Public Notif Requested
Violation measurement:	Not Reported		

Map ID Direction Distance Elevation	Database	EDR ID Number
I39 **SE** **1 - 2 Miles** **Lower**	**FRDS PWS**	**GA0510162**

Epa region:	04	State:	GA
Pwsid:	GA0510162	Pwsname:	BUILDERS TRANSPORT INC.
Cityserved:	Not Reported	Stateserved:	GA
Zipserved:	Not Reported	Fipscounty:	13051
Status:	Closed	Retpopsrvd:	65
Pwssvcconn:	3	Psource longname:	Groundwater
Pwstype:	NTNCWS	Owner:	Private
Contact:	BUILDERS TRANSPORT INC.	Contactorgname:	Not Reported
Contactphone:	912-964-1313	Contactaddress1:	BUILDER'S TRANSPORT INC.
Contactaddress2:	POB 2726	Contactcity:	SAVANNAH
Contactstate:	GA	Contactzip:	314982726
Pwsactivitycode:	I		

PWS ID:	GA0510162	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS ID:	GA0510162
Activity status:	Active	Date system activated:	Not Reported
Date system deactivated:	Not Reported	Retail population:	00000050
System name:	BUILDERS TRANSPORT INC.	System address:	BUILDERS TRANSPORT, INC.
System address:	POB 7005	System city:	CAMDEN
System state:	SC	System zip:	290207005
Population served:	Under 101 Persons	Treatment:	Untreated
Latitude:	341447	Longitude:	0803625
Latitude:	320724	Longitude:	0811005

PWS currently has or had major violation(s) or enforcement:Yes

Violation ID:	9200001	Violation source ID:	Not Reported
PWS telephone:	Not Reported	Contaminant:	COLIFORM (TCR)
Violation type:	Monitoring, Routine Major (TCR)		
Violation start date:	070192	Violation end date:	093092
Violation period (months):	003	Violation awareness date:	Not Reported
Major violator:	Yes	Maximum contaminant level:	Not Reported
Number of required samples:	Not Reported	Number of samples taken:	Not Reported
Analysis method:	Not Reported	Analysis result:	Not Reported

J40 **SSW** **1 - 2 Miles** **Lower**	**FRDS PWS**	**GA0510102**

Epa region:	04	State:	GA
Pwsid:	GA0510102	Pwsname:	SAVANNAH-TRAVIS FIELD
Cityserved:	Not Reported	Stateserved:	GA
Zipserved:	Not Reported	Fipscounty:	13051
Status:	Closed	Retpopsrvd:	304
Pwssvcconn:	117	Psource longname:	Groundwater
Pwstype:	CWS	Owner:	Local_Govt
Contact:	JUE, HARRY	Contactorgname:	Not Reported
Contactphone:	912-651-4241	Contactaddress1:	POB 1027

Contactaddress2:	Not Reported	Contactcity:	SAVANNAH
Contactstate:	GA	Contactzip:	314021027
Pwsactivitycode:	I		
Pwsid:	GA0510102	Facid:	3972
Facname:	WELL #17 PLANT	Factype:	Treatment_plant
Facactivitycode:	I	Trtobjective:	disinfection
Trtprocess:	hypochlorination, post	Factypecode:	TP
Pwsid:	GA0510102	Facid:	3979
Facname:	WELL #18 PLANT	Factype:	Treatment_plant
Facactivitycode:	I	Trtobjective:	disinfection
Trtprocess:	hypochlorination, post	Factypecode:	TP
Pwsid:	GA0510102	Facid:	3985
Facname:	WELL #19 PLANT	Factype:	Treatment_plant
Facactivitycode:	I	Trtobjective:	disinfection
Trtprocess:	hypochlorination, post	Factypecode:	TP
PWS ID:	GA0510102	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS ID:	GA0510102
Activity status:	Active	Date system activated:	Not Reported
Date system deactivated:	Not Reported	Retail population:	00001100
System name:	SAVANNAH-TRAVIS FIELD	System address:	SAVANNAH-TRAVIS FIELD
System address:	702 STILES AVE	System city:	SAVANNAH
System state:	GA	System zip:	31402
Population served:	1,001 - 2,500 Persons	Treatment:	Treated
Latitude:	320731	Longitude:	0811140
Latitude:	320705	Longitude:	0811140
Latitude:	320710	Longitude:	0811136
State:	GA	Latitude degrees:	32
Latitude minutes:	7	Latitude seconds:	5.0000
Longitude degrees:	81	Longitude minutes:	11
Longitude seconds:	40.0000		
State:	GA	Latitude degrees:	32
Latitude minutes:	7	Latitude seconds:	10.0000
Longitude degrees:	81	Longitude minutes:	11
Longitude seconds:	36.0000		
State:	GA	Latitude degrees:	32
Latitude minutes:	7	Latitude seconds:	31.0000
Longitude degrees:	81	Longitude minutes:	11
Longitude seconds:	40.0000		

J41
SSW
1 - 2 Miles
Lower

FED USGS **USGS40000259520**

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	36Q013	Type:	Well
Description:	SAVANNAH, GA 18	HUC:	03060109
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Floridan aquifer system	Formation Type:	Upper Floridan Aquifer
Aquifer Type:	Confined multiple aquifer	Construction Date:	19420901
Well Depth:	681	Well Depth Units:	ft
Well Hole Depth:	681	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements: 18

Level reading date:	1998-05-25		
Feet below surface:	92.88	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1988-05-25	Feet below surface:	99.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1985-05-21	Feet below surface:	95.52
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1984-10-31	Feet below surface:	93.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1984-04-30	Feet below surface:	86.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1983-11-04	Feet below surface:	91.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1982-11-02	Feet below surface:	87.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-10-26	Feet below surface:	90.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1981-05-21	Feet below surface:	90.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1980-05-19	Feet below surface:	85.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1979-10-29	Feet below surface:	90.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1978-12-04	Feet below surface:	91.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1977-11-07	Feet below surface:	91.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-12-14	Feet below surface:	83.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-01-12	Feet below surface:	76.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-05-02	Feet below surface:	81.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-11-29	Feet below surface:	86.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-10-09	Feet below surface:	40.26
Feet to sea level:	Not Reported	Note:	Not Reported

Map ID Direction Distance Elevation	Database	EDR ID Number
J42 **SSW** **1 - 2 Miles** **Lower**	**GA WELLS**	**0000001897**

County code:	051	Well num:	36Q013
Remarks:	SAVANNAH, GA 18	Lat:	320710
Lon:	0811143	Latlon datum:	NAD27
Alt:	34.27	Alt datum:	NGVD29
Depth:	681	Depth to casing:	269.00
Casing dia:	10.00	Casing matl:	Not Reported
Depth to top:	269.00	Depth to bot:	681.00
Opening type:	X	Constr date:	194209
Discharge:	825.00	Prim use:	P
Aquifer code:	120FLRDU	Edr id:	0000001897

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43 **North** **1 - 2 Miles** **Lower**	**FED USGS**	**USGS40000259664**

Organization ID:	USGS-GA	Organization Name:	USGS Georgia Water Science Center
Monitor Location:	36R025	Type:	Well
Description:	Not Reported	HUC:	03060109
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

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K44 **SSW** **1 - 2 Miles** **Lower**	**GA WELLS**	**617**

Id:	617	Water source id:	25M4B18
Name:	CITY OF SAVANNAH-TRAVIS F	Latitude:	32.1192
Longitude:	81.1953	Source:	G
Gw mgd:	0.67	Sw mgd:	0.00
Status:	1	Gwsi id:	36Q013
Population:	0	County:	CHATHAM
County fips:	51	Ggs:	1

K45 **SSW** **1 - 2 Miles** **Lower**	**FRDS PWS**	**GA0510102**

Epa region:	04	State:	GA
Pwsid:	GA0510102	Pwsname:	SAVANNAH-TRAVIS FIELD
Cityserved:	Not Reported	Stateserved:	GA
Zipserved:	Not Reported	Fipscounty:	13051
Status:	Closed	Retpopsrvd:	304
Pwssvcconn:	117	Psource longname:	Groundwater
Pwstype:	CWS	Owner:	Local_Govt

Contact:	JUE, HARRY	Contactorgname:	Not Reported
Contactphone:	912-651-4241	Contactaddress1:	POB 1027
Contactaddress2:	Not Reported	Contactcity:	SAVANNAH
Contactstate:	GA	Contactzip:	314021027
Pwsactivitycode:	I		

Pwsid:	GA0510102	Facid:	3972
Facname:	WELL #17 PLANT	Factype:	Treatment_plant
Facactivitycode:	I	Trtobjective:	disinfection
Trtprocess:	hypochlorination, post	Factypecode:	TP

Pwsid:	GA0510102	Facid:	3979
Facname:	WELL #18 PLANT	Factype:	Treatment_plant
Facactivitycode:	I	Trtobjective:	disinfection
Trtprocess:	hypochlorination, post	Factypecode:	TP

Pwsid:	GA0510102	Facid:	3985
Facname:	WELL #19 PLANT	Factype:	Treatment_plant
Facactivitycode:	I	Trtobjective:	disinfection
Trtprocess:	hypochlorination, post	Factypecode:	TP

PWS ID:	GA0510102	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS ID:	GA0510102
Activity status:	Active	Date system activated:	Not Reported
Date system deactivated:	Not Reported	Retail population:	00001100
System name:	SAVANNAH-TRAVIS FIELD	System address:	SAVANNAH-TRAVIS FIELD
System address:	702 STILES AVE	System city:	SAVANNAH
System state:	GA	System zip:	31402
Population served:	1,001 - 2,500 Persons	Treatment:	Treated
Latitude:	320731	Longitude:	0811140
Latitude:	320705	Longitude:	0811140
Latitude:	320710	Longitude:	0811136
State:	GA	Latitude degrees:	32
Latitude minutes:	7	Latitude seconds:	5.0000
Longitude degrees:	81	Longitude minutes:	11
Longitude seconds:	40.0000		
State:	GA	Latitude degrees:	32
Latitude minutes:	7	Latitude seconds:	10.0000
Longitude degrees:	81	Longitude minutes:	11
Longitude seconds:	36.0000		
State:	GA	Latitude degrees:	32
Latitude minutes:	7	Latitude seconds:	31.0000
Longitude degrees:	81	Longitude minutes:	11
Longitude seconds:	40.0000		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for CHATHAM County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for CHATHAM COUNTY, GA

Number of sites tested: 21

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.881 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Georgia GIS Clearinghouse
Telephone: 706-542-1581

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Georgia Public Supply Wells
Source: Georgia Department of Community Affairs
Telephone: 404-894-0127

USGS Georgia Water Wells
Source: USGS, Georgia District Office
Telephone: 770-903-9100

OTHER STATE DATABASE INFORMATION

DNR Managed Lands
Source: Department of Natural Resources
Telephone: 706-557-3032
This dataset provides 1:24,000-scale data depicting boundaries of land parcels making up the public lands managed by the Georgia Department of Natural Resources (GDNR). It includes polygon representations of State Parks, State Historic Parks, State Conservation Parks, State Historic Sites, Wildlife Management Areas, Public Fishing Areas, Fish Hatcheries, Natural Areas and other specially-designated areas. The data were collected and located by the Georgia Department of Natural Resources. Boundaries were digitized from survey plats or other information.

RADON

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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Appendix E
Treatability Study Data Summary Tables

Table E-1
Biogenic Laboratory Data

Monitoring Well	$FeSO_4$ Dose	Day	Sample ID	SDG	Dissolved Metals (µg/L)			Total Metals (µg/L)			DOC (mg/L)	Sulfate (mg/L)	pH (SU)	ORP (mV)	SC (µS/cm)
					Arsenic	Iron	Molybdenum	Arsenic	Iron	Molybdenum					
GWC-15	Untreated	0	GR_GWC_15_t0	K2105528	263	273	91.0	269	288	89.5	29.6	34.5	6.45	282.2	517
GWC-15	NA	2	GR_GWC_15_001	K2106466	39.1	1,230	122	72.4	3,430	113	27.0	50.0	6.56	254	282
GWC-15	NA	5	GR_GWC_15_002	K2106466	9.20	59.2	132	27.0	1,230	128	28.2	48.0	6.48	288	269
GWC-15	NA	8	GR_GWC_15_003	K2106466	7.10	74.0	172	78.8	4,570	149	35.0	53.4	7.14	145	260
GWC-15	NA	15	GR_GWC_15_004	K2106953	5.70	18 J	153	11.3	281	150	34.0	45.1	7.09	-326.70	484
GWC-15	NA	28	GR_GWC_15_005	K2107417	3.25	25.7	154	8.88	388	157	39.6	49.7	6.94	-183.40	234
GWC-15	Untreated	0	GR_GWC_15_t0	K2105528	263	273	91.0	269	288	89.5	29.6	34.5	6.45	282.2	517
GWC-15	100x	2	GR_GWC_15_101	K2106466	139	155,000	83.8	190	166,000	90.8	11,300	478	5.64	355	303
GWC-15	100x	5	GR_GWC_15_102	K2106466	193	119,000	79.2	196	117,000	67.8	12,700	496	4.59	-498.90	291
GWC-15	100x	8	GR_GWC_15_103	K2106466	181	104,000	72.3	189	108,000	68.1	18,700	514	4.11	-483.30	291
GWC-15	100x	15	GR_GWC_15_104	K2106953	147	159,000	47.4	143	154,000	47.3	6,000	491	3.86	-432.50	1,807
GWC-15	100x	28	GR_GWC_15_105	K2107417	145	155,000	60.3	159	170,000	52.1	11,500	951	3.97	-427.20	2,451
GWC-15	100x	28	GR_GWC_15_1105	K2107417	160	139,000	63.9	167	146,000	54.5	14,000	943	3.97	-427.20	2,451
GWC-15	Untreated	0	GR_GWC_15_t0	K2105528	263	273	91.0	269	288	89.5	29.6	34.5	6.45	282.2	517
GWC-15	1000x	2	GR_GWC_15_201	K2106466	70.0	1,110,000	84.7	146	1,160,000	103	11,500	2,390	4.86	369	307
GWC-15	1000x	5	GR_GWC_15_202	K2106466	149	1,120,000	96.7	155	1,070,000	101	10,600	2,620	4.59	-482.50	293
GWC-15	1000x	8	GR_GWC_15_203	K2106466	159	1,150,000	364	161	1,120,000	369	12,500	3,850	3.98	-464.90	301
GWC-15	1000x	15	GR_GWC_15_204	K2106953	185	1,140,000	93.7	181	1,140,000	89.6	8,600	2,870	3.87	-442.30	4,112
GWC-15	1000x	28	GR_GWC_15_205	K2107417	151	1,220,000	67.2	155	1,270,000	67.9	7,000	4,010	3.92	-431.00	4,384
GWC-15	1000x	28	GR_GWC_15_1205	K2107417	148	1,160,000	75.0	154	1,310,000	73.8	10,300	4,180	3.92	-431.00	4,384
GWC-20	Untreated	0	GR_GWC_20_t0	K2105528	262	403	531	262	405	531	27.8	984	6.03	172.5	2269
GWC-20	NA	2	GR_GWC_20_001	K2106466	32.2	22.1	514	95.9	4,320	457	89.5	790	6.35	255	304
GWC-20	NA	5	GR_GWC_20_002	K2106466	9.10	35.6	500	12.3	263	505	23.6	927	6.21	282	291
GWC-20	NA	8	GR_GWC_20_003	K2106466	7.10	44.6	528	18.1	751	515	27.5	903	6.72	-231.70	300
GWC-20	NA	15	GR_GWC_20_004	K2106953	5.00	15 J	523	5.90	104	513	24.0	889	6.46	79.9	2,080
GWC-20	NA	28	GR_GWC_20_005	K2107417	1.80	22.2	561	32.7	2,490	523	35.5	973	6.61	-101.40	1,713
GWC-20	Untreated	0	GR_GWC_20_t0	K2105528	262	403	531	262	405	531	27.8	984	6.03	172.5	2269
GWC-20	100x	2	GR_GWC_20_101	K2106466	97.0	140,000	395	119	148,000	413	9,950	1,020	5.43	347	306
GWC-20	100x	5	GR_GWC_20_102	K2106466	149	304,000	358	157	312,000	378	9,850	1,580	4.60	-493.00	294
GWC-20	100x	8	GR_GWC_20_103	K2106953	181	163,000	321	178	158,000	306	8,900	1,620	3.92	-453.90	303
GWC-20	100x	15	GR_GWC_20_104	K2106953	178	141,000	294	183	142,000	280	7,300	1,670	3.89	-445.10	3,150
GWC-20	100x	28	GR_GWC_20_105	K2107417	157	161,000	243	166	172,000	221	6,950	2,840	3.97	-343.00	3,096
GWC-20	100x	28	GR_GWC_20_1105	K2107417	167	190,000	371	175	196,000	350	6,600	2,500	3.97	-343.00	3,096
GWC-20	Untreated	0	GR_GWC_20_t0	K2105528	262	403	531	262	405	531	27.8	984	6.03	172.5	2269
GWC-20	1000x	2	GR_GWC_20_201	K2106466	38.0	1,200,000	324	108	1,160,000	374	7,550	3,090	4.61	374	308
GWC-20	1000x	5	GR_GWC_20_202	K2106466	84.0	1,190,000	390	102	1,200,000	433	10,400	2,930	4.39	-460.60	294
GWC-20	1000x	8	GR_GWC_20_203	K2106953	165	1,330,000	83.4	170	1,310,000	82.6	7,600	3,250	3.99	-460.50	303
GWC-20	1000x	15	GR_GWC_20_204	K2106953	143	1,440,000	282	148	1,470,000	283	12,400	4,690	3.91	-447.40	5,845
GWC-20	1000x	28	GR_GWC_20_205	K2107417	152	1,340,000	235	155	1,410,000	233	6,600	4,410	4.05	-324.90	5,179
GWC-20	1000x	28	GR_GWC_20_1205	K2107417	96.2	1,320,000	161	106	1,340,000	164	8,650	5,070	4.05	-324.90	5,179
Method Blank	NA	NA	GR_GWC_001	K2106466	<0.2	2.9 J	<0.08	<0.2	3.1 J	0.68	0.29 J	1.20	--	--	--

Notes:
µg/L: micrograms per liter
µS/cm: microsiemens per centimeter
DOC: dissolved organic carbon
$FeSO_4$: Iron(II) sulfate
J: indicates the result is an estimated value
mg/L: milligrams per liter
mV: millivolts
NA: not applicable
ORP: oxidation reduction potential
SC: specific conductivity
SDG: sample data group
SU: standard unit

Table E-2
Aeration Laboratory Data

Test	Monitoring Well	$FeSO_4$ Dose	Day	Sample ID	Sampling Date	Sampling Time	SDG	Anions (mg/L)		Dissolved metals (µg/L)			Total metals (µg/L)			pH (SU)	ORP (mV)	SC (µS/cm)
								Chloride	Sulfate	Arsenic	Iron	Molybdenum	Arsenic	Iron	Molybdenum			
NA	GWC-15	NA	0	GR_12M21_GWC15	5/12/2021		K2105528	3.62	34.5	263	273	91.0	269	288	89.5			
Bubbler	GWC-15	NA	1	GR_GWC_15_010	6/15/2021	19:00	K2107118	3.95	41.3	261	517	100	252	484	97.0	6.59	227	548
Bubbler	GWC-15	NA	2	GR_GWC_15_011	6/16/2021	17:15	K2107120	4.18	44.3	249	452	99.2	252	514	96.6	6.83	271	554
Bubbler	GWC-15	NA	4	GR_GWC_15_012	6/18/2021	17:45	K2107729	4.47	42.9	207	179	94.5	240	427	92.5	7.14	248	555
Bubbler	GWC-15	NA	8	GR_GWC_15_013	6/22/2021	17:15	K2107417	4.95	40.1	188	117	89.0	238	406	94.3	7.42	245	730
Bubbler	GWC-15	NA	8	GR_GWC_15_1013	6/22/2021	17:20	K2107417	4.92	39.0	202	185	89.7	238	404	92.3	7.42	245	730
NA	GWC-15	NA	0	GR_12M21_GWC15	5/12/2021		K2105528	3.62	34.5	263	273	91.0	269	288	89.5			
Bubbler	GWC-15	100x	1	GR_GWC_15_110	6/15/2021	20:00	K2107119	4.17	87.3	6.77	39.9	96.5	160	14,000	99.2	8.58	143	477
Bubbler	GWC-15	100x	2	GR_GWC_15_111	6/16/2021	18:30	K2107118	4.40	89.1	16.0	880	97.9	134	11,800	98.1	8.62	175	492
Bubbler	GWC-15	100x	4	GR_GWC_15_112	6/18/2021	19:00	K2107729	4.77	86.5	7.47	141	102	145	12,800	101	8.58	197	628
Bubbler	GWC-15	100x	8	GR_GWC_15_113	6/22/2021	18:45	K2107417	5.98	101	8.06	50.0	106	33.3	2,490	110	8.37	205	421
Bubbler	GWC-15	100x	8	GR_GWC_15_1113	6/22/2021	18:50	K2107417	5.94	95.8	7.32	33.2	106	50.0	4,000	112	8.37	205	421
NA	GWC-15	NA	0	GR_12M21_GWC15	5/12/2021		K2105528	3.62	34.5	263	273	91.0	269	288	89.5			
Bubbler	GWC-15	1000x	1	GR_GWC_15_210	6/15/2021	20:15	K2107119	4.10	446	3.52	39,000	0.11	220	219,000	89.1	4.65	208	729
Bubbler	GWC-15	1000x	2	GR_GWC_15_211	6/16/2021	18:40	K2107118	818	1,390	3.28	38,200	0.15	221	220,000	89.7	4.69	206	775
Bubbler	GWC-15	1000x	4	GR_GWC_15_212	6/18/2021	19:10	K2107729	4.46	438	4.01	38,600	0.43	214	196,000	86.3	4.48	226	972
Bubbler	GWC-15	1000x	8	GR_GWC_15_213	6/22/2021	20:00	K2107417	4.98	456	4.35	38,400	0.08 J	34.6	64,500	11.8	4.24	226	805
Bubbler	GWC-15	1000x	8	GR_GWC_15_1213	6/22/2021	20:05	K2107417	4.96	465	4.52	38,500	0.07 J	24.6	56,600	8.16	4.24	226	805
NA	GWC-15	NA	0	GR_12M21_GWC15	5/12/2021		K2105528	3.62	34.5	263	273	91.0	269	288	89.5			
Diffusion	GWC-15	NA	1	GR_GWC_15_006	6/15/2021	18:15	K2107119	3.85	44.2	259	495	98.7	260	518	95.9	6.78	138	548
Diffusion	GWC-15	NA	2	GR_GWC_15_007	6/16/2021	17:45	K2107118	4.03	46.4	251	477	97.2	255	514	96.6	7.03	152	548
Diffusion	GWC-15	NA	4	GR_GWC_15_008	6/18/2021	18:15	K2107729	3.94	42.4	220	346	95.3	251	491	97.9	7.23	193	550
Diffusion	GWC-15	NA	8	GR_GWC_15_009	6/22/2021	18:15	K2107417	3.66	40.8	217	283	94.1	237	431	95.9	7.57	110	715
Diffusion	GWC-15	NA	8	GR_GWC_15_1009	6/22/2021	18:20	K2107417	3.91	40.9	237	440	93.8	248	450	96.9	7.57	110	715
NA	GWC-15	NA	0	GR_12M21_GWC15	5/12/2021		K2105528	3.62	34.5	263	273	91.0	269	288	89.5			
Diffusion	GWC-15	100x	1	GR_GWC_15_106	6/15/2021	20:45	K2107119	3.88	89.0	13.2	197	86.8	166	13,600	93.1	7.21	144	501
Diffusion	GWC-15	100x	2	GR_GWC_15_107	6/16/2021	19:10	K2107118	4.04	84.8	8.21	132	87.6	152	12,500	93.9	8.43	110	532
Diffusion	GWC-15	100x	4	GR_GWC_15_108	6/18/2021	19:35	K2107729	3.95	80.3	5.83	141	88.7	46.0	3,560	90.0	8.61	139	705
Diffusion	GWC-15	100x	8	GR_GWC_15_109	6/22/2021	20:40	K2107417	4.01	90.6	6.17	87.4	85.0	50.1	3,770	90.6	8.37	105	445
Diffusion	GWC-15	100x	8	GR_GWC_15_1109	6/22/2021	20:45	K2107417	4.08	81.7	5.96	52.6	88.7	50.6	3,780	89.9	8.37	105	445
NA	GWC-15	NA	0	GR_12M21_GWC15	5/12/2021		K2105528	3.62	34.5	263	273	91.0	269	288	89.5			
Diffusion	GWC-15	1000x	1	GR_GWC_15_206	6/15/2021	20:50	K2107119	4.00	423	2.30	102,000	7.61	12.8	107,000	14.9	6.03	34.2	817
Diffusion	GWC-15	1000x	2	GR_GWC_15_207	6/16/2021	19:20	K2107118	3.98	553	1.22	73,800	0.57	49.2	103,000	18.9	6.05	61.1	772
Diffusion	GWC-15	1000x	4	GR_GWC_15_208	6/18/2021	19:50	K2107729	3.94	419	1.31	38,300	0.17	9.21	45,000	2.12	4.81	198	938
Diffusion	GWC-15	1000x	8	GR_GWC_15_209	6/22/2021	21:00	K2107417	4.02	422	3.13	36,000	0.1 J	20.4	42,200	3.02	4.48	209	758
Diffusion	GWC-15	1000x	8	GR_GWC_15_1209	6/22/2021	21:05	K2107417	4.01	419	3.22	36,700	0.04 J	19.4	42,600	2.96	4.48	209	758
NA	GWC-20	NA	0	GR_12M21_GWC20	5/12/2021		K2105528	29.3	984	262	403	531	262	405	531			
Bubbler	GWC-20	NA	1	GR_GWC_20_010	6/15/2021	19:15	K2107118	28.2	987	249	361	563	255	375	561	6.17	179	2,127
Bubbler	GWC-20	NA	2	GR_GWC_20_011	6/16/2021	17:30	K2107120	29.2	983	245	346	573	252	361	579	6.41	198	2,079
Bubbler	GWC-20	NA	4	GR_GWC_20_012	6/18/2021	18:00	K2107729	31.0	1,010	233	305	563	231	318	551	6.64	197	2,080

Table E-2
Aeration Laboratory Data

Test	Monitoring Well	$FeSO_4$ Dose	Day	Sample ID	Sampling Date	Sampling Time	SDG	Anions (mg/L)		Dissolved metals (µg/L)			Total metals (µg/L)			pH (SU)	ORP (mV)	SC (µS/cm)
								Chloride	Sulfate	Arsenic	Iron	Molybdenum	Arsenic	Iron	Molybdenum			
Bubbler	GWC-20	NA	8	GR_GWC_20_013	6/22/2021	17:40	K2107417	31.4	965	185	105	542	220	248	555	6.98	214	2,236
Bubbler	GWC-20	NA	8	GR_GWC_20_1013	6/22/2021	17:45	K2107417	30.4	953	179	92.3	546	218	253	545	6.98	214	2,236
NA	GWC-20	NA	0	GR_12M21_GWC20	5/12/2021		K2105528	29.3	984	262	403	531	262	405	531			
Bubbler	GWC-20	100x	1	GR_GWC_20_110	6/15/2021	20:25	K2107119	30.6	1,030	2.42	29.2	553	138	12,300	556	8.31	156	2,030
Bubbler	GWC-20	100x	2	GR_GWC_20_111	6/16/2021	18:50	K2107120	29.5	1,030	3.02	10.5	559	91.0	8,020	579	8.45	115	2,080
Bubbler	GWC-20	100x	4	GR_GWC_20_112	6/18/2021	19:20	K2107729	31.7	1,090	5.84	70.4	563	182	16,300	569	8.40	151	2,291
Bubbler	GWC-20	100x	8	GR_GWC_20_113	6/22/2021	19:30	K2107417	34.2	1,090	10.5	26.3	582	62.1	4,790	612	8.39	128	2,201
Bubbler	GWC-20	100x	8	GR_GWC_20_1113	6/22/2021	19:35	K2107417	34.3	1,100	11.0	23.2	596	61.6	4,830	609	8.39	128	2,201
NA	GWC-20	NA	0	GR_12M21_GWC20	5/12/2021		K2105528	29.3	984	262	403	531	262	405	531			
Bubbler	GWC-20	1000x	1	GR_GWC_20_210	6/15/2021	20:30	K2107119	31.8	1,530	0.39 J	108,000	0.65	227	225,000	511	4.48	208	2,321
Bubbler	GWC-20	1000x	2	GR_GWC_20_211	6/16/2021	19:00	K2107120	29.4	1,390	0.41 J	95,700	0.59	223	197,000	513	4.61	212	2,388
Bubbler	GWC-20	1000x	4	GR_GWC_20_212	6/18/2021	19:30	K2107729	31.7	1,520	0.58	95,100	1.31	224	200,000	510	4.39	226	2,559
Bubbler	GWC-20	1000x	8	GR_GWC_20_213	6/22/2021	20:15	K2107417	34.0	1,450	2.82	104,000	0.97	10.4	109,000	18.8	4.21	213	2,485
Bubbler	GWC-20	1000x	8	GR_GWC_20_1213	6/22/2021	20:20	K2107417	33.2	1,450	3.00	104,000	1.10	17.6	111,000	33.9	4.21	213	2,485
NA	GWC-20	NA	0	GR_12M21_GWC20	5/12/2021		K2105528	29.3	984	262	403	531	262	405	531			
Diffusion	GWC-20	NA	1	GR_GWC_20_006	6/15/2021	18:30	K2107119	30.6	1,010	256	380	567	258	381	571	6.26	154	2,121
Diffusion	GWC-20	NA	2	GR_GWC_20_007	6/16/2021	18:00	K2107118	29.8	981	250	367	575	244	361	563	6.50	149	2,085
Diffusion	GWC-20	NA	4	GR_GWC_20_008	6/18/2021	18:30	K2107729	30.6	1,020	231	305	564	228	320	564	6.77	172	2,072
Diffusion	GWC-20	NA	8	GR_GWC_20_009	6/22/2021	18:30	K2107417	30.1	939	186	128	561	216	224	573	7.15	185	2,221
Diffusion	GWC-20	NA	8	GR_GWC_20_1009	6/22/2021	18:35	K2107417	29.9	933	248	156	759	213	225	561	7.15	185	2,221
NA	GWC-20	NA	0	GR_12M21_GWC20	5/12/2021		K2105528	29.3	984	262	403	531	262	405	531			
Diffusion	GWC-20	100x	1	GR_GWC_20_106	6/15/2021	21:00	K2107119	28.0	1,050	13.8	6,420	507	145	12,600	531	6.48	77.7	2,050
Diffusion	GWC-20	100x	2	GR_GWC_20_107	6/16/2021	19:30	K2107118	29.6	1,040	0.92	37.2	492	103	7,480	524	7.83	95.5	2,076
Diffusion	GWC-20	100x	4	GR_GWC_20_108	6/18/2021	20:00	K2107729	30.4	1,050	3.98	76.5	504	43.6	3,130	514	8.29	130	2,253
Diffusion	GWC-20	100x	8	GR_GWC_20_109	6/22/2021	21:50	K2107417	30.8	1,010	8.23	72.0	508	61.3	3,980	529	8.44	103	2,068
Diffusion	GWC-20	100x	8	GR_GWC_20_1109	6/22/2021	21:55	K2107417	30.7	1,000	11.0	157	634	64.2	4,140	530	8.44	103	2,068
NA	GWC-20	NA	0	GR_12M21_GWC20	5/12/2021		K2105528	29.3	984	262	403	531	262	405	531			
Diffusion	GWC-20	1000x	1	GR_GWC_20_206	6/15/2021	21:10	K2107119	31.5	1,940	0.22 J	135,000	97.2	5.66	137,000	119	5.83	75.1	2,357
Diffusion	GWC-20	1000x	2	GR_GWC_20_207	6/16/2021	19:40	K2107118	29.6	1,380	0.13	123,000	25.5	1.56	126,000	36.0	5.89	82.5	2,396
Diffusion	GWC-20	1000x	4	GR_GWC_20_208	6/18/2021	20:10	K2107729	30.5	1,390	0.18 J	105,000	1.28	9.74	110,000	20.8	4.84	190	2,520
Diffusion	GWC-20	1000x	8	GR_GWC_20_209	6/22/2021	22:05	K2107417	29.9	1,350	0.88	127,000	1.55	68.0	119,000	66.3	4.44	207	2,351
Diffusion	GWC-20	1000x	8	GR_GWC_20_1209	6/22/2021	22:10	K2107417	30.5	1,370	0.60	130,000	1.34	72.3	119,000	68.6	4.44	207	2,351
Aeration	MB	NA	NA	GR_GWC_002	6/22/2021	13:30	K2107417	<0.02	0.11 J	<0.09	0.5 J	<0.03	<0.09	0.7 J	0.2 J	--	--	--

Notes:
µg/L: micrograms per liter
µS/cm: microsiemens per centimeter
DOC: dissolved organic carbon
$FeSO_4$: Iron(II) sulfate
J: indicates the result is an estimated value
mg/L: milligrams per liter
mV: millivolts
NA: not applicable
ORP: oxidation reduction potential
SC: specific conductivity
SDG: sample data group
SU: standard unit

Table E-3
Oxidation Laboratory Data

Monitoring Well	$FeSO_4$ Dose	Oxidant	Sample ID	SDG	Dissolved metals (µg/L)				Total metals (µg/L)			Sulfate (mg/L)	pH (SU)	ORP (mV)	SC (µS/cm)
					Arsenic	Iron	Molybdenum	Manganese	Arsenic	Iron	Molybdenum				
GWC-15	NA	NA	GR_GWC_15_014	K2110125	223	264	90.5	267	239	367	94.5	41.2	7.51	355.7	539
GWC-15	NA	NA	GR_GWC_15_1014	K2110125	233	338	88.6	269	259	459	95.1	41.0	7.41	345.2	540
GWC-15	10	0.5x H2O2	GR_GWC_15_114	K2110125	24.0	14	93.8	NA	38.9	301	91.1	46.2	7.54	425.5	534
GWC-15	10	0.5x H2O2	GR_GWC_15_1114	K2110125	15.5	17	95.1	NA	NA	NA	NA	NA	7.45	429.8	535
GWC-15	10	1x H2O2	GR_GWC_15_214	K2110139	17.1	15	99.8	NA	68.1	816	97.7	47.4	7.54	409.4	528
GWC-15	10	1x H2O2	GR_GWC_15_1214	K2110139	18.2	12	100	NA	38.3	305	98.3	46.2	7.49	397.1	537
GWC-15	10	5x H2O2	GR_GWC_15_314	K2110139	28.1	10	101	NA	86.3	976	95.7	47.2	7.57	256.5	526
GWC-15	10	5x H2O2	GR_GWC_15_1314	K2110139	25.6	13	99.5	NA	NA	NA	NA	NA	7.42	240.2	536
GWC-15	100	0.5x H2O2	GR_GWC_15_115	K2110139	1.2 J	18	93.7	NA	8.6	757	95.8	81.3	7.24	265.4	532
GWC-15	100	0.5x H2O2	GR_GWC_15_1115	K2110139	1 J	19	91.8	NA	NA	NA	NA	NA	7.04	253.3	545
GWC-15	100	1x H2O2	GR_GWC_15_215	K2110139	0.8 J	6 J	92.7	NA	6.9	597	96.9	83.7	7.21	233.8	532
GWC-15	100	1x H2O2	GR_GWC_15_1215	K2110139	1 J	10 J	90.4	NA	33.8	2910	96.3	81.6	7.07	237.9	543
GWC-15	100	5x H2O2	GR_GWC_15_315	K2110139	1.2 J	32	93.5	NA	23.4	2190	99.3	82.4	7.16	231.7	535
GWC-15	100	5x H2O2	GR_GWC_15_1315	K2110139	1.1 J	13	94.7	NA	NA	NA	NA	NA	7.06	235.7	541
GWC-15	NA	0.5x MnO4	GR_GWC_15_118	K2110125	2	<8	<0.8	40500	9 J	<8	<0.8	NA	8.05	549.3	683
GWC-15	NA	0.5x MnO4	GR_GWC_15_1118	K2110125	4	<8	<0.8	37900	NA	NA	NA	NA	7.89	560.3	700
GWC-15	NA	1x MnO4	GR_GWC_15_218	K2110125	<2	<8	<0.8	85700	3 J	<8	<0.8	NA	7.74	581.5	916
GWC-15	NA	1x MnO4	GR_GWC_15_1218	K2110125	<2	<8	<0.8	101000	3 J	<8	<0.8	NA	7.66	588.8	973
GWC-15	NA	5x MnO4	GR_GWC_15_318	K2110125	<2	<8	<0.8	16700	<2	<8	<0.8	NA	7.72	607.5	2750
GWC-15	NA	5x MnO4	GR_GWC_15_1318	K2110125	<2	<8	<0.8	201000	NA	NA	NA	NA	7.57	619	2754
GWC-15	NA	0.5x S2O8	GR_GWC_15_120	K2110140	210	176	101	NA	260	553	96.0	51.1	7.69	511.2	1380
GWC-15	NA	0.5x S2O8	GR_GWC_15_1120	K2110140	223	265	101	NA	NA	NA	NA	NA	7.54	502.7	1310
GWC-15	NA	1x S2O8	GR_GWC_15_220	K2110140	196	94	102	NA	189	167	93.4	52.0	7.72	504.8	1568
GWC-15	NA	1x S2O8	GR_GWC_15_1220	K2110140	209	186	102	NA	246	532	93.5	52.1	7.58	497.8	1539
GWC-15	NA	5x S2O8	GR_GWC_15_320	K2110140	190	143	103	NA	216	335	94.7	95.9	7.58	524.2	4980
GWC-15	NA	5x S2O8	GR_GWC_15_1320	K2110140	186	21	105	NA	NA	NA	NA	NA	7.49	531.2	5181
GWC-15	10	0.5x S2O8	GR_GWC_15_121	K2110140	58.3	50	102	NA	246	3240	97.3	61.3	7.65	445.8	1190
GWC-15	10	0.5x S2O8	GR_GWC_15_1121	K2110140	44.9	83	99.5	NA	NA	NA	NA	NA	7.49	473.4	1398
GWC-15	10	1x S2O8	GR_GWC_15_221	K2110140	41.6	33	102	NA	194	2780	94.5	59.3	7.65	450.5	1458
GWC-15	10	1x S2O8	GR_GWC_15_1221	K2110140	32.9	51	100	NA	141	2350	98.6	63.8	7.48	459.2	1455
GWC-15	10	5x S2O8	GR_GWC_15_321	K2110138	19.9	11	92.7	NA	55.9	781	91.3	114	7.49	493.7	5015
GWC-15	10	5x S2O8	GR_GWC_15_1321	K2110138	18.0	8 J	93.9	NA	NA	NA	NA	NA	7.38	531.7	5100
GWC-15	100	0.5x S2O8	GR_GWC_15_122	K2110138	5.4	144	74.6	NA	45.1	3840	76.5	132	7.20	468.1	987
GWC-15	100	0.5x S2O8	GR_GWC_15_1122	K2110138	6.6	108	74.4	NA	NA	NA	NA	NA	7.07	471.2	1045
GWC-15	100	1x S2O8	GR_GWC_15_222	K2110138	3.7	51	76.5	NA	33.8	2920	76.8	131	7.22	459.4	1387
GWC-15	100	1x S2O8	GR_GWC_15_1222	K2110138	3.7	18	72.5	NA	33.3	3020	71.6	134	7.07	471.5	1472
GWC-15	100	5x S2O8	GR_GWC_15_322	K2110138	1.9 J	49	71.3	NA	9.2	822	68.9	190	7.15	521.7	536.4
GWC-15	100	5x S2O8	GR_GWC_15_1322	K2110138	2.4 J	9 J	74.6	NA	NA	NA	NA	NA	7.02	518.5	514.2
GWC-20	NA	NA	GR_GWC_20_015	K2110360	178	137	559	116	202	213	556	993	6.87	510.6	2079
GWC-20	NA	NA	GR_GWC_20_1015	K2110360	177	133	561	109	200	220	540	967	6.91	514.6	2096
GWC-20	10	0.5x H2O2	GR_GWC_20_116	K2110356	4.4	24	522	NA	40.2	694	545	972	6.83	468.5	2096

Table E-3
Oxidation Laboratory Data

Monitoring Well	$FeSO_4$ Dose	Oxidant	Sample ID	SDG	Dissolved metals (µg/L)				Total metals (µg/L)			Sulfate (mg/L)	pH (SU)	ORP (mV)	SC (µS/cm)
					Arsenic	Iron	Molybdenum	Manganese	Arsenic	Iron	Molybdenum				
GWC-20	10	0.5x H2O2	GR_GWC_20_1116	K2110356	11.4	25	536	NA	NA	NA	NA	NA	7.06	451.6	2093
GWC-20	10	1x H2O2	GR_GWC_20_216	K2110356	14.8	19	529	NA	43.9	395	555	935	6.85	260.3	2067
GWC-20	10	1x H2O2	GR_GWC_20_1216	K2110356	16.7	17	529	NA	49.1	386	560	959	6.88	263.5	2092
GWC-20	10	5x H2O2	GR_GWC_20_316	K2110356	20.6	15	519	NA	86.8	842	565	942	6.98	244.7	2085
GWC-20	10	5x H2O2	GR_GWC_20_1316	K2110356	19.1	17	559	NA	NA	NA	NA	NA	6.88	247.9	2086
GWC-20	100	0.5x H2O2	GR_GWC_20_117	K2110356	1.4 J	37	527	NA	28.6	2450	542	988	6.60	273.7	2103
GWC-20	100	0.5x H2O2	GR_GWC_20_1117	K2110356	1.1 J	13	521	NA	NA	NA	NA	NA	6.94	256.4	2104
GWC-20	100	1x H2O2	GR_GWC_20_217	K2110356	1.2 J	20	522	NA	12.2	1060	541	997	6.56	276.8	2098
GWC-20	100	1x H2O2	GR_GWC_20_1217	K2110356	1 J	22	525	NA	8.0	663	540	997	6.64	261.3	2104
GWC-20	100	5x H2O2	GR_GWC_20_317	K2110356	1.1 J	10 J	528	NA	8.6	675	557	986	6.87	241.7	2062
GWC-20	100	5x H2O2	GR_GWC_20_1317	K2110356	1 J	16	518	NA	NA	NA	NA	NA	6.54	257.5	2092
GWC-20	NA	0.5x MnO4	GR_GWC_20_119	K2110356	<2	<0.8	<0.8	33000	11 J	<8	1.3 J	NA	6.91	632.9	2269
GWC-20	NA	0.5x MnO4	GR_GWC_20_1119	K2110356	<2	<0.8	<0.8	34600	NA	NA	NA	NA	6.96	633.1	2265
GWC-20	NA	1x MnO4	GR_GWC_20_219	K2110356	<2	<0.8	<0.8	82300	<2	<8	<0.8	NA	7.01	639.4	2445
GWC-20	NA	1x MnO4	GR_GWC_20_1219	K2110356	<2	<0.8	<0.8	86800	2 J	<8	<0.8	NA	6.98	643.4	2473
GWC-20	NA	5x MnO4	GR_GWC_20_319	K2110356	<2	<0.8	<0.8	87400	<2	57	0.8 J	NA	6.96	665.8	4105
GWC-20	NA	5x MnO4	GR_GWC_20_1319	K2110356	<2	<0.8	<0.8	86000	NA	NA	NA	NA	6.94	668.2	4166
GWC-20	NA	0.5x S2O8	GR_GWC_20_123	K2110356	170	132	522	NA	230	294	541	959	6.97	476.1	2620
GWC-20	NA	0.5x S2O8	GR_GWC_20_1123	K2110356	167	131	513	NA	NA	NA	NA	NA	6.99	484.5	2577
GWC-20	NA	1x S2O8	GR_GWC_20_223	K2110360	176	139	569	NA	214	260	555	984	6.99	497.9	3101
GWC-20	NA	1x S2O8	GR_GWC_20_1223	K2110360	170	130	563	NA	218	269	566	979	7.05	501.7	3070
GWC-20	NA	5x S2O8	GR_GWC_20_323	K2110360	142	29	567	NA	237	345	580	1030	7.00	537.2	6770
GWC-20	NA	5x S2O8	GR_GWC_20_1323	K2110360	143	32	574	NA	NA	NA	NA	NA	6.95	545.1	6696
GWC-20	10	0.5x S2O8	GR_GWC_20_124	K2110360	24.3	90	561	NA	88.6	732	556	962	7.03	474.5	2512
GWC-20	10	0.5x S2O8	GR_GWC_20_1124	K2110360	23.2	97	567	NA	NA	NA	NA	NA	6.98	495.4	2608
GWC-20	10	1x S2O8	GR_GWC_20_224	K2110360	20.0	58	554	NA	53.3	401	551	986	7.00	507.8	3042
GWC-20	10	1x S2O8	GR_GWC_20_1224	K2110360	20.4	98	560	NA	71.9	664	545	997	6.99	513.4	3134
GWC-20	10	5x S2O8	GR_GWC_20_324	K2110360	14.7	34	573	NA	114	1380	567	1040	6.94	535.4	6575
GWC-20	10	5x S2O8	GR_GWC_20_1324	K2110360	25.3	162	581	NA	NA	NA	NA	NA	7.01	549.6	6604
GWC-20	100	0.5x S2O8	GR_GWC_20_125	K2110360	1.7 J	81	383	NA	14.7	1400	407	1060	6.69	503.4	2603
GWC-20	100	0.5x S2O8	GR_GWC_20_1125	K2110360	1.3 J	52	395	NA	NA	NA	NA	NA	6.92	501.3	2639
GWC-20	100	1x S2O8	GR_GWC_20_225	K2110360	1.2 J	1590	399	NA	16.6	1590	399	1070	6.72	520.9	3029
GWC-20	100	1x S2O8	GR_GWC_20_1225	K2110360	2.3 J	128	380	NA	26.5	2450	411	1080	6.70	530.4	3106
GWC-20	100	5x S2O8	GR_GWC_20_325	K2110360	1.5 J	10 J	403	NA	28.5	2720	408	1120	6.66	559.7	6650
GWC-20	100	5x S2O8	GR_GWC_20_1325	K2110360	1.5 J	9 J	391	NA	NA	NA	NA	NA	6.72	559.1	6672
NA	NA	NA	GR-GWC-003	K2110138	<0.5	<2	<0.15	<0.2	<0.5	<2	<0.15	<0.04	NA	NA	NA

Notes:
µg/L: micrograms per liter
µS/cm: microsiemens per centimeter
DOC: dissolved organic carbon
$FeSO_4$: Iron(II) sulfate
J: indicates the result is an estimated value
mg/L: milligrams per liter
mV: millivolts
NA: not applicable
ORP: oxidation reduction potential
SC: specific conductivity
SDG: sample data group
SU: standard unit

APPENDIX D

Statistical Analyses

Grumman Road Private Industrial Landfill
Chatham County, Georgia
2021 Semiannual Groundwater Monitoring and Corrective Action Report

GROUNDWATER STATS CONSULTING

February 28, 2022

Southern Company Services
Attn: Ms. Kristen Jurinko
241 Ralph McGill Blvd NE, Bin 10160
Atlanta, Georgia 30308

Re: Plant Kraft's Grumman Road Landfill
Statistical Analysis – September 2021 Sample Event

Dear Ms. Jurinko,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the groundwater statistical analysis of the September 2021 sample event for Georgia Power Company's Plant Kraft's Grumman Road Landfill. The analysis complies with the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management Chapter 391-3-4-.10 and follows the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Sampling began for the Coal Combustion Residuals (CCR) program in 2016, and at least 8 background samples were collected at each of the groundwater monitoring wells. Semi-annual sampling of the majority of Appendix IV constituents has been performed at most wells for several years in accordance with the Georgia Department of Natural Resources, Environmental Protection Division groundwater monitoring regulations. The monitoring well network, as provided by Southern Company Services, consists of the following:

- **Upgradient wells:** GWA-7 and GWA-8
- **Downgradient wells:** GWB-4R, GWB-5R, GWB-6R, GWC-1, GWC-2, GWC-9, GWC-11, GWC-12, GWC-13, GWC-14, GWC-15, GWC-16, GWC-17, GWC-20, GWC-21, and GWC-22
- **Delineation wells:** MW-23D, MW-24D, MW-25D, MW-26D, and MW-27D

Delineation wells were installed in late 2020 and were first sampled in early 2021 for all constituents except mercury, which was not detected during the August 2020 Scan event. Mercury was first sampled for the delineation wells during the September 2021 sample event. These delineation wells currently have a maximum of 2 samples and will be evaluated with confidence intervals once they have at least 4 samples.

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Andrew Collins, Project Manager of Groundwater Stats Consulting.

The program monitors the constituents listed below. Georgia EPD Appendix II and CCR Appendix IV constituents overlap with the exception of vanadium and zinc, which are required for Georgia EPD. The terms "parameters" and "constituents" are used interchangeably throughout.

- **Georgia EPD Appendix I** (Detection Monitoring) **–** antimony, arsenic, barium, chromium, lead, selenium, vanadium, and zinc
- **CCR Appendix III** (Detection Monitoring) **-** boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **Georgia EPD Appendix II/CCR Appendix IV** (Assessment Monitoring) **–** antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, combined radium 226 + 228, fluoride, lead, lithium, mercury, molybdenum, selenium, thallium, vanadium, and zinc

Note that when there are no detections present in downgradient wells for a given constituent, statistical analyses are not required. A summary of well/constituent pairs containing 100% non-detects follows this letter. Additionally, when Appendix IV constituents are not detected during a scheduled Scan event, no statistical analyses are required during the semi-annual sample event. During the annual Scan event conducted in August 2020, mercury was not detected; therefore, it was not required to be sampled during the September 2020 and March 2021 events. All constituents, however, were sampled during this analysis.

Time series plots for all parameters at each well are provided for the purpose of screening data at these wells (Figure A). Additionally, time series plots of all parameters at upgradient wells are included to more easily display concentrations upgradient of the facility (Figure A). A separate section of box plots is included for all constituents at upgradient and downgradient wells (Figure B). The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells. Values in background which have

been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs. A summary of flagged outliers follows this report (Figure C).

Due to varying detection limits in background data sets as a result of improved laboratory practices, a substitution of the most recent reporting limit is used for all non-detects. Of particular note is the reporting limits for metals at upgradient well GWA-7. Due to higher dilutions needed for some metal analyses for this well, the reporting limits may vary between sampling events and are sometimes considerably higher than corresponding reporting limits for other wells. On the other hand, some detected observations are recorded at extremely low concentrations, below the MCL of 0.005 mg/L for arsenic, as an example. Therefore, the same reporting limit substitution is used for this well as for all other wells.

Data at all wells were originally evaluated during 2019 for the following: 1) outliers; 2) trends; 3) most appropriate statistical method for parameters based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended. However, interwell methods are currently implemented in accordance with the Georgia EPD regulations and are used to evaluate compliance samples in downgradient wells. Power curves were provided along with the previous screening and demonstrated that the selected statistical methods comply with the USEPA Unified Guidance. The EPA suggests that the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations.

Summary of Statistical Methods – Detection Monitoring

<u>Georgia EPD Appendix I Constituents:</u>
Semi-Annual Sampling
Interwell Prediction Limits with 1 of 2 resample plan
Constituents Downgradient: 8
Downgradient wells: 16

<u>CCR Appendix III Constituents:</u>
Semi-Annual Sampling
Interwell Prediction Limits with 1 of 2 resample plan (boron, calcium, chloride, fluoride, pH, sulfate and TDS)
Constituents Downgradient: 7
Downgradient wells: 16

Parametric prediction limits are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are non-detects, a nonparametric test is utilized. While the false positive rate associated with the parametric limits is based on an annual rate of 10% (5% per semi-annual event) as recommended by the EPA Unified Guidance (2009), the false positive rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification resample plan. The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. After testing for normality and performing any adjustments as discussed below (US EPA, 2009), data are analyzed using either parametric or non-parametric prediction limits, along with the following methodology for handling non-detects:

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% non-detects in background, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect adjustment is applied to the background data. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the interwell case, prediction limits are updated with upgradient well data during each event after careful screening for any new outliers. In some cases, an earlier portion of data may require deselection prior to construction of limits to provide sensitive limits that will rapidly detect changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs.

Summary of Background Screening – Georgia EPD Appendix I Constituents – Conducted in August 2019

Outlier Testing

Time series plots were used to identify suspected outliers, or extreme values that would result in limits that are not representative of the current background data population. Suspected outliers at all wells and parameters were formally tested using Tukey's box plot method and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits.

Using the Tukey's box plot method, several outliers were identified. A summary of those findings was submitted with the August 2019 report. As a general rule, when the most recent values are identified as outliers, values are not flagged in the database (except in cases where they would cause background limits to be elevated) as they may represent a possible trend. If future values do not remain at similar concentrations, these values will be flagged as outliers and deselected. Several low values exist in the data sets and appear on the graphs as possible low outliers relative to the laboratory's Practical Quantitation Limit. However, these values are observed trace values (i.e. measurements reported by the laboratory between the Method Detection Limit and the Practical Quantitation Limit) and, therefore, were not flagged as outliers.

Additionally, values that were not identified by Tukey's test but that are much higher than the remaining measurements were flagged as appropriate in order to obtain conservative prediction limits that are capable of detecting future changes. A summary of flagged values follows this letter (Figure C). As mentioned above, when any values are flagged in the database as outliers, they are plotted in a disconnected and lighter symbol on the time series graph. The accompanying data pages display the flagged value in a lighter font as well.

Seasonality

No obvious seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made to the data. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

Trend Testing

While trends may be identified by visual inspection, a quantification of the trend and its significance is needed. The Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient wells and downgradient wells with detections.

In the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend and, thus, reduce variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and will be deselected as necessary. This step would apply to upgradient wells GWA-7 and GWA-8 only since pooled data from these wells are used to construct interwell prediction limits. While this was not required, when any records of data are truncated for the reasons above, a summary report will be provided to show the date ranges used in construction of the statistical limits. A summary of the trend analyses was submitted with the screening report.

Determination of Spatial Variation

The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells for constituents detected in downgradient wells. The ANOVA assists in identifying the most appropriate statistical approach. Interwell tests, which compare downgradient well data to statistical limits constructed from pooled upgradient well data, are appropriate when average concentrations are similar across upgradient wells. Intrawell tests, which compare compliance data from a single well to screened historical data within the same well, are appropriate when upgradient wells exhibit spatial variation; when statistical limits constructed from upgradient wells are not representative of the current background data population; and when downgradient water quality is unimpacted compared to upgradient water quality for the same parameter.

The ANOVA identified significant differences among upgradient well data for all constituents which would suggest intrawell methods as the most appropriate statistical method. However, interwell methods are currently constructed in accordance with the Georgia EPD regulations and are used to evaluate compliance samples in downgradient wells.

Summary of Background Screening – CCR Appendix III and IV Parameters – Conducted in March 2019

Outlier and Trend Testing

Time series plots were used to identify suspected outliers, or extreme values that would result in limits that are not representative of the current background data population. Suspected outliers at all wells for Appendix III and Appendix IV parameters were formally tested using Tukey's box plot method and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits.

Using the Tukey box plot method, several outliers were identified. A summary of those findings was included with the screening report. When the most recent values are identified as outliers, values were not flagged in the database at this time (except in cases where they would cause background limits to be elevated) as they may represent a possible trend. If future values do not remain at similar concentrations, these values will be flagged as outliers and deselected. Several low values exist in the data sets and appear on the graphs as possible low outliers relative to the laboratory's Practical Quantitation Limit. However, these values are observed trace values (i.e. measurements reported by the laboratory between the Method Detection Limit and the Practical Quantitation Limit) and, therefore, were not flagged as outliers.

Of the outliers identified by Tukey's method, several values were flagged in the database, and the remaining values were similar to other measurements within a given well or neighboring wells or were reported non-detects. A summary of all flagged values follows this report (Figure C).

No obvious seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made to the data. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

The results of the Sen's Slope/Mann Kendall trend analyses showed a number of statistically significant increasing and decreasing trends for the Appendix III parameters. Most of the statistically significant trends identified, particularly those in upgradient wells GWA-7 and GWA-8 from which data are used in construction of the interwell prediction limits, were relatively low in magnitude when compared to average concentrations. Also, the background period was short in 2019, making it difficult to determine whether an

apparent trend represents a long-term change or simply normal year-to-year variation; therefore, no adjustments were made to the data sets.

Appendix III – Determination of Spatial Variation

The ANOVA identified no variation among upgradient well data for fluoride, making interwell analyses the most appropriate statistical method for this constituent. Variation was noted for boron, calcium, chloride, pH, sulfate, and TDS which suggests the use of intrawell methods as the most appropriate statistical method. However, interwell methods are currently constructed in accordance with the Georgia EPD regulations and are used to evaluate compliance samples in downgradient wells.

Statistical Analysis of Georgia EPD Appendix I Constituents – September 2021

All Appendix I parameters were analyzed using interwell prediction limits. Background (upgradient) well data were re-assessed for potential outliers during this analysis. No new values were flagged as shown in the outlier summary following this report (Figure C).

Interwell Prediction Limits

Interwell prediction limits, combined with a 1-of-2 resample plan, were constructed from carefully screened pooled upgradient well data through September 2021 for arsenic, barium, chromium, selenium, vanadium, and zinc (Figure D). The September 2021 sample at each downgradient well is compared to these background limits.

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. When the resample confirms the initial exceedance, a statistically significant increase (SSI) is identified and further research would be required to identify the cause of the exceedance (i.e. impact from the site, natural variation, or an off-site source). If the resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and therefore, no further action is necessary. If no resample is collected, the initial exceedance is automatically confirmed. A summary table and complete graphical results of the interwell prediction limits follow this letter and include a list of exceedances. Exceedances were identified for the following well/constituent pairs:

- Arsenic: GWC-15, GWC-16, and GWC-20
- Barium: GWC-16 and GWC-20

Trend Tests – Appendix I Exceedances

When prediction limit exceedances are identified in downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test to determine whether concentrations are statistically increasing, decreasing, or stable (Figure E). Upgradient well data are included in the trend analyses for all parameters found to exceed their prediction limit in downgradient wells to identify whether similar patterns exist upgradient of the site. When trends are present in upgradient wells it is an indication of natural variability in groundwater quality unrelated to practices at the site. Statistically significant trends were noted for the following well/constituent pairs:

Increasing Trends:

- Arsenic: GWC-15
- Barium: GWC-16 and GWC-20

Decreasing Trends:

- Arsenic: GWA-7, GWA-8 (both upgradient), and GWC-16
- Barium: GWA-8 (upgradient)

Note that while the trend test identified a statistically significant decreasing trend for arsenic in upgradient well GWA-8, the slope is displayed as zero which represents the median slope of all the possible pairwise slopes. The zero median slope results from the large number of non-detects in the record, and the negative test statistic results from a few trace values being recorded in the latter part of the record. Both a summary and complete graphical presentation of the trend test results follow this letter.

Statistical Analysis of CCR Appendix III Parameters – September 2021

All Appendix III parameters were analyzed using interwell prediction limits. Background (upgradient) well data were re-assessed for potential outliers during this analysis. No new values were flagged as shown in the outlier summary following this report (Figure C).

Interwell Prediction Limits

Interwell prediction limits, combined with a 1-of-2 resample plan, were constructed using pooled upgradient well data through September 2021 to develop background limits for boron, calcium, chloride, fluoride, pH, sulfate and TDS (Figure F). In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. When the resample confirms the initial exceedance, a statistically significant increase (SSI) is

identified and further research would be required to identify the cause of the exceedance (i.e. impact from the site, natural variation, or an off-site source). If the resample falls within the statistical limit, the initial exceedance is considered to be a false positive result and, therefore, no further action is necessary. The most recent sample from each downgradient well is compared to the background limit to determine whether there are statistically significant increases (SSIs). Summary tables of the prediction limits follow this letter. Exceedances were identified for the following well/constituent pairs:

- Calcium: GWB-4R, GWB-5R, GWB-6R, GWC-1, GWC-11, GWC-12, GWC-14, GWC-15, GWC-16, GWC-17, and GWC-20
- Chloride: GWC-17
- Fluoride: GWC-17
- pH: GWC-12 (lower limit) and GWC-15 (upper limit)
- Sulfate: GWB-4R, GWB-5R, GWB-6R, GWC-11, GWC-12, GWC-14, GWC-16, GWC-17, and GWC-20

<u>Trend Tests – Appendix III Exceedances</u>

Data from downgradient well/constituent pairs found to exceed their respective prediction limit were further evaluated using the Sen's Slope/Mann Kendall trend test along with upgradient wells for the same constituents (Figure G). Upgradient wells are included in the trend analyses for all parameters found to exceed their prediction limit in downgradient wells to identify whether similar patterns exist upgradient of the site. Such patterns are an indication of natural variability in groundwater unrelated to practices at the site. Statistically significant trends were noted for the following well/constituent pairs:

Increasing trends:

- Calcium: GWB-4R, GWB-5R, GWB-6R, GWC-1, GWC-11, and GWC-16
- Sulfate: GWB-6R, GWC-11, and GWC-16

Decreasing trends:

- Calcium: GWA-7 (upgradient) and GWC-12
- Chloride: GWA-7 (upgradient)
- pH: GWA-7 (upgradient)
- Sulfate: GWA-7 (upgradient) and GWC-12

Statistical Analysis of Georgia EPD Appendix II and CCR Appendix IV - September 2021

For Appendix II and IV parameters, confidence intervals for each downgradient well/constituent pair were compared against corresponding Groundwater Protection Standards (GWPS). GWPS were developed as described below. Well/constituent pairs containing 100% non-detects do not require analysis. Data from upgradient wells for Appendix II and IV parameters are reassessed for outliers during each analysis. No new values were flagged and a summary of previously flagged outliers follows this report (Figure C).

Interwell Upper Tolerance Limits

Interwell upper tolerance limits (UTLs) are calculated using Sanitas software, from all historical pooled upgradient well data for Appendix II and IV constituents (Figure H). The UTLs serve as site-specific background limits for each constituent. Parametric tolerance limits are used when data follow a normal or transformed-normal distribution, i.e. fluoride. When data contain greater than 50% non-detects or do not follow a normal or transformed-normal distribution, non-parametric tolerance limits are used.

Groundwater Protection Standards

The background limits are then used when determining the groundwater protection standard (GWPS) under 40 CFR §257.95(h) and Georgia EPD Rule 391-3-4-.10(6)(a). As described in 40 CFR §257.95(h) (1-3), the GWPS is:

- The maximum contaminant level (MCL) established under §141.62 and §141.66 of this title;
- The background level where an MCL has not been established for a constituent (i.e. cobalt, lead, lithium, and molybdenum); and
- The respective background level for a constituent when the background level is higher than the MCL.

For the current analysis and evaluation of the September 2021 sampling data, GWPS were established following the above Georgia EPD Rule requirements (Figure I).

Confidence Intervals

To complete the statistical comparison of current sampling data to GWPS, confidence intervals were constructed using Sanitas software using data from 2016 through the present for each of the Appendix II and IV constituents in each downgradient well (Figure J). As mentioned above, mercury and any well/constituent pairs containing 100% non-detects since 2016 were not required for statistical analyses. The confidence intervals were then compared to the State GWPS (Georgia EPD rules). Only when the entire confidence interval is above a GWPS is the downgradient well/constituent pair considered to exceed its respective standard. If there is an exceedance of the GWPS, a statistically significant level (SSL) exceedance is identified. The confidence intervals and graphical comparisons to State GWPS are presented in Figure J, with summary tables of exceedances. The following confidence interval exceedances were noted:

- Arsenic: GWC-15, GWC-16, and GWC-20
- Molybdenum: GWB-4R, GWC-1, GWC-15, GWC-16, GWC-20, and GWC-21

Trend Test Evaluation – Appendix IV

Data at wells with confidence interval exceedances are further evaluated using the Sen's Slope/Mann Kendall trend test to determine whether concentrations are statistically increasing, decreasing, or stable (Figure K). Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site for the same constituents. When trends are present in upgradient trends, it is an indication of natural variability in groundwater quality unrelated to practices at the site. A summary of the Appendix IV trend test results follows this letter. Statistically significant trends were identified for the following well/constituent pairs:

Increasing trends:
- Arsenic: GWC-15
- Molybdenum: GWC-16

Decreasing trends:
- Molybdenum: GWC-1

SUMMARY

Based on the statistical analyses described in this letter, the following statistical exceedances were noted:

<u>Prediction Limits (Detection Monitoring Parameters)</u>

Georgia EPD Appendix I:

- Arsenic: GWC-15, GWC-16, and GWC-20
- Barium: GWC-16 and GWC-20

CCR Appendix III:

- Calcium: GWB-4R, GWB-5R, GWB-6R, GWC-1, GWC-11, GWC-12, GWC-14, GWC-15, GWC-16, GWC-17, and GWC-20
- Chloride: GWC-17
- Fluoride: GWC-17
- pH: GWC-12 (lower limit) and GWC-15 (upper limit)
- Sulfate: GWB-4R, GWB-5R, GWB-6R, GWC-11, GWC-12, GWC-14, GWC-16, GWC-17, and GWC-20

<u>Confidence Intervals (Assessment Monitoring Parameters)</u>

Georgia EPD Appendix II and CCR Appendix IV:

- Arsenic: GWC-15, GWC-16, and GWC-20
- Molybdenum: GWB-4R, GWC-1, GWC-15, GWC-16, GWC-20, and GWC-21

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant Kraft's Grumman Road Landfill. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,

Kristina L. Rayner
Groundwater Statistician

Andrew T. Collins
Project Manager

Appendix I Interwell Prediction Limit - Significant Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 10:17 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic (mg/L)	**GWC-15**	**0.0287**	**n/a**	**9/23/2021**	**0.21**	**Yes**	**123**	**n/a**	**n/a**	**77.24**	**n/a**	**n/a**	**0.0001289**	**NP Inter (NDs) 1 of 2**
Arsenic (mg/L)	**GWC-16**	**0.0287**	**n/a**	**9/22/2021**	**0.081**	**Yes**	**123**	**n/a**	**n/a**	**77.24**	**n/a**	**n/a**	**0.0001289**	**NP Inter (NDs) 1 of 2**
Arsenic (mg/L)	**GWC-20**	**0.0287**	**n/a**	**9/22/2021**	**0.23**	**Yes**	**123**	**n/a**	**n/a**	**77.24**	**n/a**	**n/a**	**0.0001289**	**NP Inter (NDs) 1 of 2**
Barium (mg/L)	**GWC-16**	**0.22**	**n/a**	**9/22/2021**	**0.26**	**Yes**	**121**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001324**	**NP Inter (normality) 1 of 2**
Barium (mg/L)	**GWC-20**	**0.22**	**n/a**	**9/22/2021**	**0.42**	**Yes**	**121**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001324**	**NP Inter (normality) 1 of 2**

Appendix I Interwell Prediction Limit - All Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 10:17 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWB-4R	0.003	n/a	9/21/2021	0.003ND	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWB-5R	0.003	n/a	9/21/2021	0.0013J	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWB-6R	0.003	n/a	9/21/2021	0.003ND	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWC-1	0.003	n/a	9/23/2021	0.0016J	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWC-11	0.003	n/a	9/21/2021	0.003ND	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWC-12	0.003	n/a	9/21/2021	0.003ND	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWC-13	0.003	n/a	9/21/2021	0.003ND	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWC-14	0.003	n/a	9/22/2021	0.003ND	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWC-15	0.003	n/a	9/23/2021	0.003ND	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWC-16	0.003	n/a	9/22/2021	0.003ND	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWC-17	0.003	n/a	9/22/2021	0.0014J	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWC-2	0.003	n/a	9/22/2021	0.003ND	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWC-20	0.003	n/a	9/22/2021	0.003ND	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWC-21	0.003	n/a	9/22/2021	0.003ND	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWC-22	0.003	n/a	9/21/2021	0.003ND	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWC-9	0.003	n/a	9/22/2021	0.003ND	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWB-4R	0.0287	n/a	9/21/2021	0.0027J	No	123	n/a	n/a	77.24	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWB-5R	0.0287	n/a	9/21/2021	0.005ND	No	123	n/a	n/a	77.24	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWB-6R	0.0287	n/a	9/21/2021	0.0054	No	123	n/a	n/a	77.24	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-1	0.0287	n/a	9/23/2021	0.0048J	No	123	n/a	n/a	77.24	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-12	0.0287	n/a	9/21/2021	0.005ND	No	123	n/a	n/a	77.24	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-13	0.0287	n/a	9/21/2021	0.005ND	No	123	n/a	n/a	77.24	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-14	0.0287	n/a	9/22/2021	0.0014J	No	123	n/a	n/a	77.24	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	**GWC-15**	**0.0287**	**n/a**	**9/23/2021**	**0.21**	**Yes**	**123**	**n/a**	**n/a**	**77.24**	**n/a**	**n/a**	**0.0001289**	**NP Inter (NDs) 1 of 2**
Arsenic (mg/L)	**GWC-16**	**0.0287**	**n/a**	**9/22/2021**	**0.081**	**Yes**	**123**	**n/a**	**n/a**	**77.24**	**n/a**	**n/a**	**0.0001289**	**NP Inter (NDs) 1 of 2**
Arsenic (mg/L)	GWC-17	0.0287	n/a	9/22/2021	0.005ND	No	123	n/a	n/a	77.24	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-2	0.0287	n/a	9/22/2021	0.005ND	No	123	n/a	n/a	77.24	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	**GWC-20**	**0.0287**	**n/a**	**9/22/2021**	**0.23**	**Yes**	**123**	**n/a**	**n/a**	**77.24**	**n/a**	**n/a**	**0.0001289**	**NP Inter (NDs) 1 of 2**
Arsenic (mg/L)	GWC-21	0.0287	n/a	9/22/2021	0.005ND	No	123	n/a	n/a	77.24	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-22	0.0287	n/a	9/21/2021	0.005ND	No	123	n/a	n/a	77.24	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-9	0.0287	n/a	9/22/2021	0.005ND	No	123	n/a	n/a	77.24	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Barium (mg/L)	GWB-4R	0.22	n/a	9/21/2021	0.098	No	121	n/a	n/a	0	n/a	n/a	0.0001324	NP Inter (normality) 1 of 2
Barium (mg/L)	GWB-5R	0.22	n/a	9/21/2021	0.076	No	121	n/a	n/a	0	n/a	n/a	0.0001324	NP Inter (normality) 1 of 2
Barium (mg/L)	GWB-6R	0.22	n/a	9/21/2021	0.077	No	121	n/a	n/a	0	n/a	n/a	0.0001324	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-1	0.22	n/a	9/23/2021	0.062	No	121	n/a	n/a	0	n/a	n/a	0.0001324	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-11	0.22	n/a	9/21/2021	0.12	No	121	n/a	n/a	0	n/a	n/a	0.0001324	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-12	0.22	n/a	9/21/2021	0.023	No	121	n/a	n/a	0	n/a	n/a	0.0001324	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-13	0.22	n/a	9/21/2021	0.037	No	121	n/a	n/a	0	n/a	n/a	0.0001324	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-14	0.22	n/a	9/22/2021	0.11	No	121	n/a	n/a	0	n/a	n/a	0.0001324	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-15	0.22	n/a	9/23/2021	0.062	No	121	n/a	n/a	0	n/a	n/a	0.0001324	NP Inter (normality) 1 of 2
Barium (mg/L)	**GWC-16**	**0.22**	**n/a**	**9/22/2021**	**0.26**	**Yes**	**121**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001324**	**NP Inter (normality) 1 of 2**
Barium (mg/L)	GWC-17	0.22	n/a	9/22/2021	0.058	No	121	n/a	n/a	0	n/a	n/a	0.0001324	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-2	0.22	n/a	9/22/2021	0.047	No	121	n/a	n/a	0	n/a	n/a	0.0001324	NP Inter (normality) 1 of 2
Barium (mg/L)	**GWC-20**	**0.22**	**n/a**	**9/22/2021**	**0.42**	**Yes**	**121**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001324**	**NP Inter (normality) 1 of 2**
Barium (mg/L)	GWC-21	0.22	n/a	9/22/2021	0.046	No	121	n/a	n/a	0	n/a	n/a	0.0001324	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-22	0.22	n/a	9/21/2021	0.036	No	121	n/a	n/a	0	n/a	n/a	0.0001324	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-9	0.22	n/a	9/22/2021	0.15	No	121	n/a	n/a	0	n/a	n/a	0.0001324	NP Inter (normality) 1 of 2
Chromium (mg/L)	GWB-4R	0.068	n/a	9/21/2021	0.0018J	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWB-5R	0.068	n/a	9/21/2021	0.005ND	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWB-6R	0.068	n/a	9/21/2021	0.0035J	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2

Appendix I Interwell Prediction Limit - All Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 10:17 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chromium (mg/L)	GWC-1	0.068	n/a	9/23/2021	0.0023J	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-11	0.068	n/a	9/21/2021	0.005ND	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-12	0.068	n/a	9/21/2021	0.005ND	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-13	0.068	n/a	9/21/2021	0.005ND	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-14	0.068	n/a	9/22/2021	0.005ND	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-15	0.068	n/a	9/23/2021	0.0013J	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-16	0.068	n/a	9/22/2021	0.0018J	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-17	0.068	n/a	9/22/2021	0.005ND	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-2	0.068	n/a	9/22/2021	0.005ND	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-20	0.068	n/a	9/22/2021	0.0013J	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-21	0.068	n/a	9/22/2021	0.005ND	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-22	0.068	n/a	9/21/2021	0.005ND	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-9	0.068	n/a	9/22/2021	0.005ND	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWB-4R	0.013	n/a	9/21/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWB-5R	0.013	n/a	9/21/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWB-6R	0.013	n/a	9/21/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-1	0.013	n/a	9/23/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-11	0.013	n/a	9/21/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-12	0.013	n/a	9/21/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-13	0.013	n/a	9/21/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-14	0.013	n/a	9/22/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-15	0.013	n/a	9/23/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-16	0.013	n/a	9/22/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-17	0.013	n/a	9/22/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-2	0.013	n/a	9/22/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-20	0.013	n/a	9/22/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-21	0.013	n/a	9/22/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-22	0.013	n/a	9/21/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-9	0.013	n/a	9/22/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWB-4R	0.0438	n/a	9/21/2021	0.005ND	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWB-5R	0.0438	n/a	9/21/2021	0.005ND	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWB-6R	0.0438	n/a	9/21/2021	0.0016J	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWC-1	0.0438	n/a	9/23/2021	0.0018J	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWC-11	0.0438	n/a	9/21/2021	0.0038J	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWC-12	0.0438	n/a	9/21/2021	0.005ND	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWC-14	0.0438	n/a	9/22/2021	0.0034J	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWC-15	0.0438	n/a	9/23/2021	0.0016J	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWC-16	0.0438	n/a	9/22/2021	0.0031J	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWC-17	0.0438	n/a	9/22/2021	0.005ND	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWC-2	0.0438	n/a	9/22/2021	0.005ND	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWC-20	0.0438	n/a	9/22/2021	0.0024J	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWC-21	0.0438	n/a	9/22/2021	0.0027J	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWC-22	0.0438	n/a	9/21/2021	0.005ND	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWC-9	0.0438	n/a	9/22/2021	0.005ND	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWB-4R	0.425	n/a	9/21/2021	0.0027J	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWB-5R	0.425	n/a	9/21/2021	0.0039J	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWB-6R	0.425	n/a	9/21/2021	0.015	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-1	0.425	n/a	9/23/2021	0.0042J	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-11	0.425	n/a	9/21/2021	0.002J	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-12	0.425	n/a	9/21/2021	0.0051J	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2

Appendix I Interwell Prediction Limit - All Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 10:17 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Vanadium (mg/L)	GWC-13	0.425	n/a	9/21/2021	0.01ND	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-14	0.425	n/a	9/22/2021	0.0052J	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-15	0.425	n/a	9/23/2021	0.0022J	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-16	0.425	n/a	9/22/2021	0.0025J	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-17	0.425	n/a	9/22/2021	0.01ND	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-2	0.425	n/a	9/22/2021	0.01ND	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-20	0.425	n/a	9/22/2021	0.0033J	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-21	0.425	n/a	9/22/2021	0.01ND	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-22	0.425	n/a	9/21/2021	0.01ND	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-9	0.425	n/a	9/22/2021	0.01ND	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Zinc (mg/L)	GWB-4R	0.16	n/a	9/21/2021	0.01ND	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWB-5R	0.16	n/a	9/21/2021	0.01ND	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWB-6R	0.16	n/a	9/21/2021	0.01ND	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-1	0.16	n/a	9/23/2021	0.01ND	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-11	0.16	n/a	9/21/2021	0.01ND	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-12	0.16	n/a	9/21/2021	0.01ND	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-13	0.16	n/a	9/21/2021	0.036	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-14	0.16	n/a	9/22/2021	0.01	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-15	0.16	n/a	9/23/2021	0.01ND	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-16	0.16	n/a	9/22/2021	0.01ND	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-17	0.16	n/a	9/22/2021	0.01ND	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-2	0.16	n/a	9/22/2021	0.01ND	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-20	0.16	n/a	9/22/2021	0.01ND	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-21	0.16	n/a	9/22/2021	0.01ND	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-22	0.16	n/a	9/21/2021	0.01ND	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-9	0.16	n/a	9/22/2021	0.01ND	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2

Appendix I Trend Tests - Prediction Limit Exceedances - Significant Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 10:21 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Arsenic (mg/L)	**GWA-7 (bg)**	**-0.0004641**	**-4.064**	**-2.58**	**Yes**	**51**	**56.86**	**n/a**	**n/a**	**0.01**	**NP**
Arsenic (mg/L)	**GWA-8 (bg)**	**0**	**-3.001**	**-2.58**	**Yes**	**72**	**91.67**	**n/a**	**n/a**	**0.01**	**NP**
Arsenic (mg/L)	**GWC-15**	**0.004498**	**8.092**	**2.58**	**Yes**	**52**	**48.08**	**n/a**	**n/a**	**0.01**	**NP**
Arsenic (mg/L)	**GWC-16**	**-0.001191**	**-2.985**	**-2.58**	**Yes**	**71**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWA-8 (bg)**	**-0.002925**	**-8.747**	**-2.58**	**Yes**	**71**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-16**	**0.001438**	**3.347**	**2.58**	**Yes**	**68**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-20**	**0.01269**	**279**	**152**	**Yes**	**31**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix I Trend Tests - Prediction Limit Exceedances - All Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 10:21 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Arsenic (mg/L)	**GWA-7 (bg)**	**-0.0004641**	**-4.064**	**-2.58**	**Yes**	**51**	**56.86**	**n/a**	**n/a**	**0.01**	**NP**
Arsenic (mg/L)	**GWA-8 (bg)**	**0**	**-3.001**	**-2.58**	**Yes**	**72**	**91.67**	**n/a**	**n/a**	**0.01**	**NP**
Arsenic (mg/L)	**GWC-15**	**0.004498**	**8.092**	**2.58**	**Yes**	**52**	**48.08**	**n/a**	**n/a**	**0.01**	**NP**
Arsenic (mg/L)	**GWC-16**	**-0.001191**	**-2.985**	**-2.58**	**Yes**	**71**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Arsenic (mg/L)	GWC-20	0.0104	102	152	No	31	3.226	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-7 (bg)	-0.0005382	-0.6705	-2.58	No	50	0	n/a	n/a	0.01	NP
Barium (mg/L)	**GWA-8 (bg)**	**-0.002925**	**-8.747**	**-2.58**	**Yes**	**71**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-16**	**0.001438**	**3.347**	**2.58**	**Yes**	**68**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-20**	**0.01269**	**279**	**152**	**Yes**	**31**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Interwell Prediction Limit - Significant Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/20/2021, 2:34 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	**GWB-4R**	**35.8**	**n/a**	**9/21/2021**	**67.5**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWB-5R**	**35.8**	**n/a**	**9/21/2021**	**140**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWB-6R**	**35.8**	**n/a**	**9/21/2021**	**110**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-1**	**35.8**	**n/a**	**9/23/2021**	**69.1**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-11**	**35.8**	**n/a**	**9/21/2021**	**87**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-12**	**35.8**	**n/a**	**9/21/2021**	**63.4**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-14**	**35.8**	**n/a**	**9/22/2021**	**185**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-15**	**35.8**	**n/a**	**9/23/2021**	**146**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-16**	**35.8**	**n/a**	**9/22/2021**	**267**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-17**	**35.8**	**n/a**	**9/22/2021**	**94.6**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-20**	**35.8**	**n/a**	**9/22/2021**	**266**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**GWC-17**	**260**	**n/a**	**9/22/2021**	**517**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	**GWC-17**	**0.4672**	**n/a**	**9/22/2021**	**0.79**	**Yes**	**34**	**-2.29**	**0.6855**	**23.53**	**Kaplan-Meier**	**ln(x)**	**0.0004702**	**Param Inter 1 of 2**
pH (SU)	**GWC-12**	**6.43**	**4.23**	**9/21/2021**	**4.05**	**Yes**	**32**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003244**	**NP Inter (normality) 1 of 2**
pH (SU)	**GWC-15**	**6.43**	**4.23**	**9/23/2021**	**6.48**	**Yes**	**32**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003244**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWB-4R**	**160**	**n/a**	**9/21/2021**	**232**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWB-5R**	**160**	**n/a**	**9/21/2021**	**829**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWB-6R**	**160**	**n/a**	**9/21/2021**	**645**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWC-11**	**160**	**n/a**	**9/21/2021**	**433**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWC-12**	**160**	**n/a**	**9/21/2021**	**315**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWC-14**	**160**	**n/a**	**9/22/2021**	**444**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWC-16**	**160**	**n/a**	**9/22/2021**	**1040**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWC-17**	**160**	**n/a**	**9/22/2021**	**394**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWC-20**	**160**	**n/a**	**9/22/2021**	**905**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**

Appendix III Interwell Prediction Limit - All Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/20/2021, 2:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWB-4R	21.8	n/a	9/21/2021	6.4	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWB-5R	21.8	n/a	9/21/2021	4.1	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWB-6R	21.8	n/a	9/21/2021	4.2	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-1	21.8	n/a	9/23/2021	0.59	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-11	21.8	n/a	9/21/2021	0.8	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-12	21.8	n/a	9/21/2021	5.8	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-13	21.8	n/a	9/21/2021	0.38	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-14	21.8	n/a	9/22/2021	0.052	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-15	21.8	n/a	9/23/2021	0.72	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-16	21.8	n/a	9/22/2021	11.5	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-17	21.8	n/a	9/22/2021	1.4	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-2	21.8	n/a	9/22/2021	0.017J	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-20	21.8	n/a	9/22/2021	11.3	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-21	21.8	n/a	9/22/2021	0.095	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-22	21.8	n/a	9/21/2021	0.19	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-9	21.8	n/a	9/22/2021	0.015J	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Calcium (mg/L)	**GWB-4R**	**35.8**	**n/a**	**9/21/2021**	**67.5**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWB-5R**	**35.8**	**n/a**	**9/21/2021**	**140**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWB-6R**	**35.8**	**n/a**	**9/21/2021**	**110**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-1**	**35.8**	**n/a**	**9/23/2021**	**69.1**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-11**	**35.8**	**n/a**	**9/21/2021**	**87**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-12**	**35.8**	**n/a**	**9/21/2021**	**63.4**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	GWC-13	35.8	n/a	9/21/2021	3.6	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Calcium (mg/L)	**GWC-14**	**35.8**	**n/a**	**9/22/2021**	**185**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-15**	**35.8**	**n/a**	**9/23/2021**	**146**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-16**	**35.8**	**n/a**	**9/22/2021**	**267**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-17**	**35.8**	**n/a**	**9/22/2021**	**94.6**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	GWC-2	35.8	n/a	9/22/2021	0.19J	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Calcium (mg/L)	**GWC-20**	**35.8**	**n/a**	**9/22/2021**	**266**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	GWC-21	35.8	n/a	9/22/2021	5.8	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-22	35.8	n/a	9/21/2021	15.3	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-9	35.8	n/a	9/22/2021	5	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWB-4R	260	n/a	9/21/2021	13.9	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWB-5R	260	n/a	9/21/2021	38.8	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWB-6R	260	n/a	9/21/2021	53.8	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-1	260	n/a	9/23/2021	8.8	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-11	260	n/a	9/21/2021	103	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-12	260	n/a	9/21/2021	63.8	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-13	260	n/a	9/21/2021	7.9	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-14	260	n/a	9/22/2021	28	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-15	260	n/a	9/23/2021	7.1	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-16	260	n/a	9/22/2021	55.8	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	**GWC-17**	**260**	**n/a**	**9/22/2021**	**517**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	GWC-2	260	n/a	9/22/2021	7.4	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-20	260	n/a	9/22/2021	38.9	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-21	260	n/a	9/22/2021	6	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-22	260	n/a	9/21/2021	9.4	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-9	260	n/a	9/22/2021	19.3	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWB-4R	0.4672	n/a	9/21/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWB-5R	0.4672	n/a	9/21/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2

Appendix III Interwell Prediction Limit - All Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/20/2021, 2:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	GWB-6R	0.4672	n/a	9/21/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-1	0.4672	n/a	9/23/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-11	0.4672	n/a	9/21/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-12	0.4672	n/a	9/21/2021	0.31	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-13	0.4672	n/a	9/21/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-14	0.4672	n/a	9/22/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-15	0.4672	n/a	9/23/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-16	0.4672	n/a	9/22/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	**GWC-17**	**0.4672**	**n/a**	**9/22/2021**	**0.79**	**Yes**	**34**	**-2.29**	**0.6855**	**23.53**	**Kaplan-Meier**	**ln(x)**	**0.0004702**	**Param Inter 1 of 2**
Fluoride (mg/L)	GWC-2	0.4672	n/a	9/22/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-20	0.4672	n/a	9/22/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-21	0.4672	n/a	9/22/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-22	0.4672	n/a	9/21/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-9	0.4672	n/a	9/22/2021	0.13	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
pH (SU)	GWB-4R	6.43	4.23	9/21/2021	5.78	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWB-5R	6.43	4.23	9/21/2021	4.68	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWB-6R	6.43	4.23	9/21/2021	5.4	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWC-1	6.43	4.23	9/23/2021	6.06	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWC-11	6.43	4.23	9/21/2021	4.92	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	**GWC-12**	**6.43**	**4.23**	**9/21/2021**	**4.05**	**Yes**	**32**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003244**	**NP Inter (normality) 1 of 2**
pH (SU)	GWC-13	6.43	4.23	9/21/2021	4.83	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWC-14	6.43	4.23	9/22/2021	5.76	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	**GWC-15**	**6.43**	**4.23**	**9/23/2021**	**6.48**	**Yes**	**32**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003244**	**NP Inter (normality) 1 of 2**
pH (SU)	GWC-16	6.43	4.23	9/22/2021	5.57	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWC-17	6.43	4.23	9/22/2021	4.63	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWC-2	6.43	4.23	9/22/2021	4.71	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWC-20	6.43	4.23	9/22/2021	6	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWC-21	6.43	4.23	9/22/2021	5.39	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWC-22	6.43	4.23	9/21/2021	4.72	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWC-9	6.43	4.23	9/22/2021	4.7	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**GWB-4R**	**160**	**n/a**	**9/21/2021**	**232**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWB-5R**	**160**	**n/a**	**9/21/2021**	**829**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWB-6R**	**160**	**n/a**	**9/21/2021**	**645**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	GWC-1	160	n/a	9/23/2021	37.3	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**GWC-11**	**160**	**n/a**	**9/21/2021**	**433**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWC-12**	**160**	**n/a**	**9/21/2021**	**315**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	GWC-13	160	n/a	9/21/2021	36.6	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**GWC-14**	**160**	**n/a**	**9/22/2021**	**444**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	GWC-15	160	n/a	9/23/2021	124	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**GWC-16**	**160**	**n/a**	**9/22/2021**	**1040**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWC-17**	**160**	**n/a**	**9/22/2021**	**394**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	GWC-2	160	n/a	9/22/2021	10.3	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**GWC-20**	**160**	**n/a**	**9/22/2021**	**905**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	GWC-21	160	n/a	9/22/2021	14.6	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-22	160	n/a	9/21/2021	52.4	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-9	160	n/a	9/22/2021	42.7	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWB-4R	3660	n/a	9/21/2021	476	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWB-5R	3660	n/a	9/21/2021	1240	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWB-6R	3660	n/a	9/21/2021	985	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-1	3660	n/a	9/23/2021	360	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limit - All Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/20/2021, 2:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Total Dissolved Solids (mg/L)	GWC-11	3660	n/a	9/21/2021	842	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-12	3660	n/a	9/21/2021	558	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-13	3660	n/a	9/21/2021	83	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-14	3660	n/a	9/22/2021	864	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-15	3660	n/a	9/23/2021	556	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-16	3660	n/a	9/22/2021	1680	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-17	3660	n/a	9/22/2021	1530	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-2	3660	n/a	9/22/2021	33	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	3660	n/a	9/22/2021	1430	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-21	3660	n/a	9/22/2021	51	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-22	3660	n/a	9/21/2021	87	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-9	3660	n/a	9/22/2021	94	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2

Appendix III Trend Tests - Prediction Limit Exceedances - Significant Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/20/2021, 2:41 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**GWA-7 (bg)**	**-0.7636**	**-82**	**-53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWB-4R**	**13.04**	**61**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWB-5R**	**10.1**	**66**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWB-6R**	**2.358**	**56**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-1**	**8.001**	**69**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-11**	**18.7**	**75**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-12**	**-13.59**	**-89**	**-53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-16**	**28.1**	**64**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-7 (bg)**	**-23.14**	**-62**	**-53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH (SU)	**GWA-7 (bg)**	**-0.07621**	**-65**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWA-7 (bg)**	**-5.236**	**-55**	**-53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWB-6R**	**57.03**	**69**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-11**	**92.22**	**65**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-12**	**-165.3**	**-81**	**-53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-16**	**108.2**	**59**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/20/2021, 2:41 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**GWA-7 (bg)**	**-0.7636**	**-82**	**-53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWA-8 (bg)	0.8051	18	53	No	15	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**GWB-4R**	**13.04**	**61**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWB-5R**	**10.1**	**66**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWB-6R**	**2.358**	**56**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-1**	**8.001**	**69**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-11**	**18.7**	**75**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-12**	**-13.59**	**-89**	**-53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWC-14	-5.733	-13	-53	No	15	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-15	0	-1	-53	No	15	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**GWC-16**	**28.1**	**64**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWC-17	-6.554	-25	-53	No	15	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-20	33.76	45	53	No	15	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**GWA-7 (bg)**	**-23.14**	**-62**	**-53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-8 (bg)	0.178	14	53	No	15	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-17	-89.93	-40	-53	No	15	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-7 (bg)	0	-3	-63	No	17	29.41	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-8 (bg)	-0.01375	-60	-63	No	17	17.65	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWC-17	-0.1378	-50	-63	No	17	5.882	n/a	n/a	0.01	NP
pH (SU)	**GWA-7 (bg)**	**-0.07621**	**-65**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH (SU)	GWA-8 (bg)	0.01642	18	58	No	16	0	n/a	n/a	0.01	NP
pH (SU)	GWC-12	-0.00126	-2	-63	No	17	0	n/a	n/a	0.01	NP
pH (SU)	GWC-15	0.05848	30	58	No	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	**GWA-7 (bg)**	**-5.236**	**-55**	**-53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	GWA-8 (bg)	-8.833	-45	-53	No	15	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWB-4R	-6.377	-13	-53	No	15	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWB-5R	47.47	51	53	No	15	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	**GWB-6R**	**57.03**	**69**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-11**	**92.22**	**65**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-12**	**-165.3**	**-81**	**-53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	GWC-14	-71.81	-41	-53	No	15	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	**GWC-16**	**108.2**	**59**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	GWC-17	-19.71	-18	-53	No	15	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-20	129.5	25	53	No	15	0	n/a	n/a	0.01	NP

Upper Tolerance Limits Summary Table

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/24/2021, 2:17 PM

Constituent	Upper Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	0.003	123	n/a	n/a	95.12	n/a	n/a	0.00182	NP Inter(NDs)
Arsenic (mg/L)	0.0287	123	n/a	n/a	77.24	n/a	n/a	0.00182	NP Inter(NDs)
Barium (mg/L)	0.22	121	n/a	n/a	0	n/a	n/a	0.002016	NP Inter(normality)
Beryllium (mg/L)	0.0025	43	n/a	n/a	51.16	n/a	n/a	0.1102	NP Inter(normality)
Cadmium (mg/L)	0.0007	41	n/a	n/a	95.12	n/a	n/a	0.1221	NP Inter(NDs)
Chromium (mg/L)	0.068	122	n/a	n/a	62.3	n/a	n/a	0.001915	NP Inter(normality)
Cobalt (mg/L)	0.0102	42	n/a	n/a	52.38	n/a	n/a	0.116	NP Inter(normality)
Combined Radium 226 + 228 (pCi/L)	32.08	30	1.458	0.9054	0	None	ln(x)	0.05	Inter
Fluoride (mg/L)	0.4502	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.05	Inter
Lead (mg/L)	0.013	119	n/a	n/a	75.63	n/a	n/a	0.002234	NP Inter(NDs)
Lithium (mg/L)	0.03	30	n/a	n/a	73.33	n/a	n/a	0.2146	NP Inter(normality)
Mercury (mg/L)	0.0002	24	n/a	n/a	79.17	n/a	n/a	0.292	NP Inter(NDs)
Molybdenum (mg/L)	0.01	30	n/a	n/a	90	n/a	n/a	0.2146	NP Inter(NDs)
Selenium (mg/L)	0.0438	123	n/a	n/a	83.74	n/a	n/a	0.00182	NP Inter(NDs)
Thallium (mg/L)	0.001	62	n/a	n/a	93.55	n/a	n/a	0.04158	NP Inter(NDs)
Vanadium (mg/L)	0.425	117	n/a	n/a	63.25	n/a	n/a	0.002475	NP Inter(normality)
Zinc (mg/L)	0.16	115	n/a	n/a	26.96	n/a	n/a	0.002743	NP Inter(normality)

GRUMMAN ROAD LANDFILL GWPS			
Constituent Name	**MCL**	**Background Limit**	**GWPS**
Antimony, Total (mg/L)	0.006	0.003	0.006
Arsenic, Total (mg/L)	0.01	0.029	0.029
Barium, Total (mg/L)	2	0.22	2
Beryllium, Total (mg/L)	0.004	0.0025	0.004
Cadmium, Total (mg/L)	0.005	0.0007	0.005
Chromium, Total (mg/L)	0.1	0.068	0.1
Cobalt, Total (mg/L)	n/a	0.01	0.01
Combined Radium, Total (pCi/L)	5	32.08	32.08
Fluoride, Total (mg/L)	4	0.45	4
Lead, Total (mg/L)	n/a	0.013	0.013
Lithium, Total (mg/L)	n/a	0.03	0.03
Mercury, Total (mg/L)	0.002	0.0002	0.002
Molybdenum, Total (mg/L)	n/a	0.01	0.01
Selenium, Total (mg/L)	0.05	0.044	0.05
Thallium, Total (mg/L)	0.002	0.001	0.002
Vanadium, Total (mg/L)	n/a	0.43	0.43
Zinc, Total (mg/L)	n/a	0.16	0.16

**Highlighted cells indicated Background is higher than MCLs*

**MCL = Maximum Contaminant Level*

**GWPS = Groundwater Protection Standard*

Confidence Intervals - Significant Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 11:04 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic (mg/L)	**GWC-15**	**0.1637**	**0.07185**	**0.029**	**Yes**	**19**	**0.1178**	**0.07842**	**0**	**None**	**No**	**0.01**	**Param.**
Arsenic (mg/L)	**GWC-16**	**0.08029**	**0.061**	**0.029**	**Yes**	**20**	**0.07065**	**0.01699**	**0**	**None**	**No**	**0.01**	**Param.**
Arsenic (mg/L)	**GWC-20**	**0.356**	**0.2756**	**0.029**	**Yes**	**19**	**0.3158**	**0.06866**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	**GWB-4R**	**0.13**	**0.0237**	**0.01**	**Yes**	**15**	**0.07218**	**0.05409**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Molybdenum (mg/L)	**GWC-1**	**0.1579**	**0.06845**	**0.01**	**Yes**	**15**	**0.1132**	**0.06604**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	**GWC-15**	**0.1119**	**0.09163**	**0.01**	**Yes**	**15**	**0.1017**	**0.01493**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	**GWC-16**	**0.214**	**0.1235**	**0.01**	**Yes**	**15**	**0.1688**	**0.06681**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	**GWC-20**	**0.3095**	**0.1197**	**0.01**	**Yes**	**15**	**0.226**	**0.1527**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Molybdenum (mg/L)	**GWC-21**	**0.05906**	**0.01743**	**0.01**	**Yes**	**15**	**0.03825**	**0.03071**	**0**	**None**	**No**	**0.01**	**Param.**

Confidence Intervals - All Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 11:04 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWB-4R	0.003	0.0003	0.006	No	19	0.002858	0.0006194	94.74	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWB-5R	0.003	0.0013	0.006	No	19	0.002639	0.0008742	84.21	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWB-6R	0.003	0.00059	0.006	No	19	0.002731	0.0008087	89.47	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-1	0.003	0.0016	0.006	No	19	0.002539	0.0009428	78.95	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-11	0.003	0.00051	0.006	No	19	0.00174	0.001234	47.37	None	No	0.01	NP (normality)
Antimony (mg/L)	GWC-12	0.003	0.0003	0.006	No	19	0.002858	0.0006194	94.74	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-13	0.003	0.0006	0.006	No	19	0.002874	0.0005506	94.74	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-14	0.003	0.003	0.006	No	20	0.003	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-15	0.003	0.0018	0.006	No	19	0.002937	0.0002753	94.74	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-16	0.003	0.003	0.006	No	20	0.003	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-17	0.003	0.0014	0.006	No	19	0.002778	0.0006847	89.47	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-2	0.003	0.0016	0.006	No	19	0.002837	0.0004913	89.47	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-20	0.003	0.0019	0.006	No	19	0.002818	0.0005824	89.47	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-21	0.003	0.00033	0.006	No	19	0.002859	0.0006125	94.74	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-22	0.003	0.0016	0.006	No	19	0.002481	0.0009731	73.68	None	No	0.01	NP (normality)
Antimony (mg/L)	GWC-9	0.003	0.0016	0.006	No	19	0.002786	0.0006757	89.47	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWB-4R	0.003063	0.001864	0.029	No	19	0.002529	0.001085	10.53	None	sqrt(x)	0.01	Param.
Arsenic (mg/L)	GWB-5R	0.005	0.001	0.029	No	19	0.002516	0.001817	26.32	None	No	0.01	NP (normality)
Arsenic (mg/L)	GWB-6R	0.005	0.0014	0.029	No	19	0.003202	0.001749	26.32	None	No	0.01	NP (normality)
Arsenic (mg/L)	GWC-1	0.005182	0.002158	0.029	No	18	0.004661	0.005815	0	None	ln(x)	0.01	Param.
Arsenic (mg/L)	GWC-12	0.005	0.0009	0.029	No	19	0.004332	0.001587	84.21	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-13	0.005	0.0006	0.029	No	19	0.004536	0.00139	89.47	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-14	0.002822	0.001785	0.029	No	20	0.002446	0.001175	15	None	ln(x)	0.01	Param.
Arsenic (mg/L)	**GWC-15**	**0.1637**	**0.07185**	**0.029**	**Yes**	**19**	**0.1178**	**0.07842**	**0**	**None**	**No**	**0.01**	**Param.**
Arsenic (mg/L)	**GWC-16**	**0.08029**	**0.061**	**0.029**	**Yes**	**20**	**0.07065**	**0.01699**	**0**	**None**	**No**	**0.01**	**Param.**
Arsenic (mg/L)	GWC-17	0.005	0.0011	0.029	No	19	0.002627	0.001879	36.84	None	No	0.01	NP (normality)
Arsenic (mg/L)	GWC-2	0.005	0.00094	0.029	No	19	0.004312	0.001635	84.21	None	No	0.01	NP (NDs)
Arsenic (mg/L)	**GWC-20**	**0.356**	**0.2756**	**0.029**	**Yes**	**19**	**0.3158**	**0.06866**	**0**	**None**	**No**	**0.01**	**Param.**
Arsenic (mg/L)	GWC-21	0.004545	0.002687	0.029	No	19	0.004453	0.001822	36.84	Kaplan-Meier	sqrt(x)	0.01	Param.
Arsenic (mg/L)	GWC-22	0.005	0.0011	0.029	No	19	0.003188	0.002025	52.63	None	No	0.01	NP (normality)
Arsenic (mg/L)	GWC-9	0.005	0.00084	0.029	No	19	0.004781	0.0009544	94.74	None	No	0.01	NP (NDs)
Barium (mg/L)	GWB-4R	0.09302	0.07854	2	No	19	0.08605	0.01279	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	GWB-5R	0.1489	0.09276	2	No	19	0.1249	0.05511	0	None	x^(1/3)	0.01	Param.
Barium (mg/L)	GWB-6R	0.107	0.014	2	No	19	0.07173	0.04152	0	None	No	0.01	NP (normality)
Barium (mg/L)	GWC-1	0.05725	0.05085	2	No	19	0.05405	0.005465	0	None	No	0.01	Param.
Barium (mg/L)	GWC-11	0.1175	0.06851	2	No	19	0.09299	0.04181	0	None	No	0.01	Param.
Barium (mg/L)	GWC-12	0.0197	0.017	2	No	19	0.01916	0.004257	0	None	No	0.01	NP (normality)
Barium (mg/L)	GWC-13	0.02726	0.02086	2	No	19	0.02406	0.005463	0	None	No	0.01	Param.
Barium (mg/L)	GWC-14	0.038	0.025	2	No	20	0.03986	0.02416	0	None	No	0.01	NP (normality)
Barium (mg/L)	GWC-15	0.04873	0.03897	2	No	19	0.04385	0.008331	0	None	No	0.01	Param.
Barium (mg/L)	GWC-16	0.146	0.06573	2	No	18	0.1121	0.07648	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	GWC-17	0.107	0.04768	2	No	19	0.08256	0.05661	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	GWC-2	0.054	0.049	2	No	18	0.05311	0.007646	0	None	No	0.01	NP (normality)
Barium (mg/L)	GWC-20	0.34	0.0788	2	No	19	0.163	0.1172	0	None	No	0.01	NP (normality)
Barium (mg/L)	GWC-21	0.0954	0.0509	2	No	19	0.08036	0.04847	0	None	ln(x)	0.01	Param.
Barium (mg/L)	GWC-22	0.09382	0.05954	2	No	19	0.07668	0.02927	0	None	No	0.01	Param.
Barium (mg/L)	GWC-9	0.2544	0.1839	2	No	19	0.2192	0.06021	0	None	No	0.01	Param.
Beryllium (mg/L)	GWB-4R	0.0005	0.0001	0.004	No	15	0.00036	0.000192	60	None	No	0.01	NP (normality)
Beryllium (mg/L)	GWB-5R	0.0001724	0.00007737	0.004	No	15	0.0002335	0.0001598	20	Kaplan-Meier	sqrt(x)	0.01	Param.
Beryllium (mg/L)	GWB-6R	0.0005	0.00005	0.004	No	15	0.0004397	0.000159	86.67	Kaplan-Meier	No	0.01	NP (NDs)
Beryllium (mg/L)	GWC-11	0.0005	0.000047	0.004	No	15	0.0004698	0.000117	93.33	Kaplan-Meier	No	0.01	NP (NDs)
Beryllium (mg/L)	GWC-12	0.0007761	0.0005017	0.004	No	15	0.0006567	0.0002292	0	None	ln(x)	0.01	Param.
Beryllium (mg/L)	GWC-13	0.0005	0.000058	0.004	No	15	0.0004705	0.0001141	93.33	None	No	0.01	NP (NDs)
Beryllium (mg/L)	GWC-14	0.0005	0.0001	0.004	No	15	0.0004168	0.0001724	80	None	No	0.01	NP (NDs)
Beryllium (mg/L)	GWC-16	0.0005	0.000068	0.004	No	15	0.0002223	0.0002036	33.33	None	No	0.01	NP (normality)

Confidence Intervals - All Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 11:04 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Beryllium (mg/L)	GWC-17	0.0034	0.0014	0.004	No	15	0.002167	0.0009123	0	None	No	0.01	NP (normality)
Beryllium (mg/L)	GWC-2	0.0005	0.000075	0.004	No	16	0.0003548	0.0002009	62.5	None	No	0.01	NP (normality)
Beryllium (mg/L)	GWC-22	0.0005	0.00009	0.004	No	15	0.0003224	0.0001999	53.33	None	No	0.01	NP (normality)
Beryllium (mg/L)	GWC-9	0.0003	0.00019	0.004	No	15	0.0002413	0.00005153	0	None	No	0.01	NP (normality)
Cadmium (mg/L)	GWB-4R	0.0005	0.0002	0.005	No	15	0.0004053	0.0001651	73.33	None	No	0.01	NP (normality)
Cadmium (mg/L)	GWC-1	0.0005	0.0001	0.005	No	15	0.0004447	0.0001461	86.67	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-11	0.0005824	0.0002696	0.005	No	15	0.000426	0.0002307	6.667	None	No	0.01	Param.
Cadmium (mg/L)	GWC-14	0.0005	0.00017	0.005	No	15	0.000346	0.0001727	53.33	None	No	0.01	NP (normality)
Cadmium (mg/L)	GWC-20	0.0005	0.00018	0.005	No	15	0.000454	0.0001218	86.67	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-22	0.0005	0.0001	0.005	No	15	0.0003033	0.0001794	33.33	None	No	0.01	NP (normality)
Chromium (mg/L)	GWB-4R	0.0106	0.0022	0.1	No	19	0.006516	0.00453	0	None	No	0.01	NP (normality)
Chromium (mg/L)	GWB-5R	0.0055	0.0011	0.1	No	19	0.007084	0.01598	26.32	None	No	0.01	NP (normality)
Chromium (mg/L)	GWB-6R	0.006091	0.002106	0.1	No	19	0.005358	0.005239	0	None	ln(x)	0.01	Param.
Chromium (mg/L)	GWC-1	0.0024	0.0016	0.1	No	19	0.002347	0.001215	5.263	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-11	0.005	0.00091	0.1	No	19	0.002893	0.002607	36.84	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-12	0.0028	0.00091	0.1	No	19	0.001992	0.001654	21.05	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-13	0.005	0.00077	0.1	No	19	0.003067	0.002112	52.63	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-14	0.005	0.0008	0.1	No	20	0.002533	0.002077	40	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-15	0.005	0.0013	0.1	No	19	0.002611	0.001729	31.58	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-16	0.005	0.00099	0.1	No	20	0.002883	0.002545	35	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-17	0.005	0.0009	0.1	No	19	0.002532	0.002004	31.58	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-2	0.005	0.00069	0.1	No	19	0.003217	0.002151	57.89	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-20	0.005	0.0009	0.1	No	19	0.002499	0.001969	36.84	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-21	0.005	0.00065	0.1	No	19	0.003013	0.00272	42.11	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-22	0.005	0.00057	0.1	No	19	0.002915	0.002259	52.63	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-9	0.005	0.0011	0.1	No	19	0.002657	0.001871	36.84	None	No	0.01	NP (normality)
Cobalt (mg/L)	GWB-4R	0.0024	0.00072	0.01	No	15	0.001567	0.001462	13.33	None	No	0.01	NP (normality)
Cobalt (mg/L)	GWB-5R	0.0057	0.00056	0.01	No	15	0.004619	0.004413	46.67	None	No	0.01	NP (normality)
Cobalt (mg/L)	GWB-6R	0.005	0.0049	0.01	No	15	0.004685	0.001191	86.67	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-11	0.005	0.00055	0.01	No	15	0.003805	0.002054	73.33	None	No	0.01	NP (normality)
Cobalt (mg/L)	GWC-12	0.001299	0.000794	0.01	No	15	0.001047	0.0003729	0	None	No	0.01	Param.
Cobalt (mg/L)	GWC-14	0.005	0.0003	0.01	No	15	0.004687	0.001214	93.33	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-17	0.007	0.0023	0.01	No	15	0.0044	0.002202	0	None	No	0.01	NP (normality)
Cobalt (mg/L)	GWC-2	0.005	0.00032	0.01	No	16	0.003586	0.002173	68.75	None	No	0.01	NP (normality)
Cobalt (mg/L)	GWC-22	0.005	0.0007	0.01	No	15	0.003296	0.002164	60	None	No	0.01	NP (normality)
Cobalt (mg/L)	GWC-9	0.0017	0.00096	0.01	No	15	0.00137	0.0004019	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	GWB-4R	5	2.32	32.08	No	15	3.347	1.201	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	GWB-5R	3.969	2.219	32.08	No	15	3.159	1.448	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	GWB-6R	4.896	2.672	32.08	No	15	3.784	1.641	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	GWC-1	2.242	1.575	32.08	No	15	1.909	0.4917	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	GWC-11	6.613	3.152	32.08	No	15	4.882	2.553	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	GWC-12	2.873	1.74	32.08	No	15	2.306	0.8361	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	GWC-13	1.437	0.8095	32.08	No	15	1.123	0.4631	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	GWC-14	1.332	0.6666	32.08	No	15	0.9992	0.4909	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	GWC-15	1.798	1.078	32.08	No	15	1.438	0.5313	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	GWC-16	2.73	1.711	32.08	No	15	2.292	0.8809	0	None	ln(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	GWC-17	4.006	2.724	32.08	No	15	3.365	0.9459	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	GWC-2	0.9857	0.6494	32.08	No	15	0.8175	0.2481	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	GWC-20	4.69	1.992	32.08	No	15	3.341	1.991	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	GWC-21	2.419	1.167	32.08	No	15	1.793	0.9233	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	GWC-22	6.641	3.426	32.08	No	15	5.17	2.244	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	GWC-9	3.31	2.08	32.08	No	15	3.119	1.557	0	None	No	0.01	NP (normality)
Fluoride (mg/L)	GWB-4R	0.17	0.08	4	No	17	0.175	0.2746	58.82	None	No	0.01	NP (normality)
Fluoride (mg/L)	GWB-5R	0.11	0.05	4	No	17	0.09018	0.04055	52.94	None	No	0.01	NP (normality)
Fluoride (mg/L)	GWB-6R	0.13	0.09	4	No	17	0.1194	0.06228	47.06	None	No	0.01	NP (normality)

Confidence Intervals - All Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 11:04 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	GWC-1	0.18	0.051	4	No	17	0.1054	0.04055	76.47	None	No	0.01	NP (NDs)
Fluoride (mg/L)	GWC-12	0.769	0.267	4	No	17	0.518	0.4006	5.882	None	No	0.01	Param.
Fluoride (mg/L)	GWC-13	0.55	0.09	4	No	17	0.1231	0.1106	82.35	None	No	0.01	NP (NDs)
Fluoride (mg/L)	GWC-14	0.25	0.1	4	No	17	0.1753	0.1291	64.71	None	No	0.01	NP (normality)
Fluoride (mg/L)	GWC-15	0.13	0.06	4	No	17	0.1329	0.1003	70.59	None	No	0.01	NP (normality)
Fluoride (mg/L)	GWC-16	0.2	0.1	4	No	17	0.1894	0.2129	58.82	None	No	0.01	NP (normality)
Fluoride (mg/L)	GWC-17	1.295	0.5764	4	No	17	0.9359	0.5738	5.882	None	No	0.01	Param.
Fluoride (mg/L)	GWC-2	0.17	0.08	4	No	17	0.1261	0.1296	58.82	None	No	0.01	NP (normality)
Fluoride (mg/L)	GWC-20	0.14	0.043	4	No	17	0.09076	0.02894	76.47	None	No	0.01	NP (NDs)
Fluoride (mg/L)	GWC-21	0.1	0.071	4	No	17	0.09829	0.007034	94.12	None	No	0.01	NP (NDs)
Fluoride (mg/L)	GWC-22	0.12	0.1	4	No	17	0.09235	0.02488	64.71	None	No	0.01	NP (normality)
Fluoride (mg/L)	GWC-9	0.2566	0.09976	4	No	17	0.2195	0.2288	5.882	None	ln(x)	0.01	Param.
Lead (mg/L)	GWB-4R	0.003133	0.0006645	0.013	No	18	0.003221	0.00299	16.67	Kaplan-Meier	ln(x)	0.01	Param.
Lead (mg/L)	GWB-5R	0.0011	0.0002	0.013	No	19	0.0007701	0.0006197	36.84	None	No	0.01	NP (normality)
Lead (mg/L)	GWB-6R	0.001	0.00014	0.013	No	19	0.000604	0.0004143	42.11	None	No	0.01	NP (normality)
Lead (mg/L)	GWC-1	0.001	0.00012	0.013	No	19	0.0008086	0.0003811	78.95	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-11	0.00042	0.0002	0.013	No	19	0.0003795	0.0002877	15.79	None	No	0.01	NP (normality)
Lead (mg/L)	GWC-12	0.001	0.000068	0.013	No	19	0.0005737	0.0008023	31.58	None	No	0.01	NP (normality)
Lead (mg/L)	GWC-13	0.001	0.00013	0.013	No	19	0.0006095	0.0004401	31.58	None	No	0.01	NP (normality)
Lead (mg/L)	GWC-14	0.001	0.00051	0.013	No	20	0.0008395	0.0003396	80	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-15	0.001	0.00009	0.013	No	19	0.000554	0.0004405	47.37	None	No	0.01	NP (normality)
Lead (mg/L)	GWC-16	0.001	0.0001	0.013	No	20	0.0004832	0.000435	40	None	No	0.01	NP (normality)
Lead (mg/L)	GWC-17	0.001	0.00014	0.013	No	19	0.0006697	0.0004345	57.89	None	No	0.01	NP (normality)
Lead (mg/L)	GWC-2	0.001	0.0002	0.013	No	19	0.0007308	0.0004106	68.42	None	No	0.01	NP (normality)
Lead (mg/L)	GWC-20	0.001	0.00018	0.013	No	19	0.0007692	0.0003979	73.68	None	No	0.01	NP (normality)
Lead (mg/L)	GWC-21	0.001	0.0001	0.013	No	19	0.0006323	0.0004452	57.89	None	No	0.01	NP (normality)
Lead (mg/L)	GWC-22	0.0008128	0.0003366	0.013	No	19	0.0006984	0.0006477	10.53	None	ln(x)	0.01	Param.
Lead (mg/L)	GWC-9	0.001	0.000096	0.013	No	19	0.0006113	0.0004423	52.63	None	No	0.01	NP (normality)
Lithium (mg/L)	GWB-4R	0.014	0.0041	0.03	No	15	0.00902	0.004665	0	None	No	0.01	NP (normality)
Lithium (mg/L)	GWB-5R	0.03	0.0031	0.03	No	15	0.01777	0.01355	53.33	None	No	0.01	NP (normality)
Lithium (mg/L)	GWC-12	0.03	0.00091	0.03	No	15	0.01259	0.01472	40	None	No	0.01	NP (normality)
Lithium (mg/L)	GWC-13	0.03	0.00087	0.03	No	15	0.02806	0.007521	93.33	None	No	0.01	NP (NDs)
Lithium (mg/L)	GWC-17	0.006795	0.004938	0.03	No	15	0.005867	0.00137	0	None	No	0.01	Param.
Lithium (mg/L)	GWC-9	0.002074	0.001769	0.03	No	14	0.001921	0.0002155	0	None	No	0.01	Param.
Mercury (mg/L)	GWB-4R	0.0002	0.0001	0.002	No	12	0.0001791	0.00005005	83.33	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWB-5R	0.0002	0.0001	0.002	No	13	0.0001923	0.00002774	92.31	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWB-6R	0.0002	0.0001	0.002	No	12	0.0001786	0.00005147	83.33	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWC-1	0.0002	0.0001	0.002	No	12	0.0001783	0.00005219	83.33	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWC-11	0.0002	0.0001	0.002	No	12	0.0001917	0.00002887	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWC-12	0.0002	0.0001	0.002	No	12	0.0001917	0.00002887	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWC-13	0.0002	0.00013	0.002	No	12	0.0001858	0.0000337	83.33	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWC-14	0.0002	0.00011	0.002	No	12	0.0001925	0.00002598	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWC-15	0.0002	0.0001	0.002	No	12	0.0001917	0.00002887	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWC-16	0.0002	0.0001	0.002	No	12	0.0001917	0.00002887	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWC-17	0.0002	0.00011	0.002	No	12	0.0001925	0.00002598	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWC-2	0.0002	0.0001	0.002	No	13	0.0001923	0.00002774	92.31	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWC-20	0.0002	0.00011	0.002	No	12	0.0001925	0.00002598	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWC-21	0.0002	0.00011	0.002	No	12	0.0001925	0.00002598	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWC-22	0.0002	0.0001	0.002	No	12	0.0001917	0.00002887	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWC-9	0.0002	0.00011	0.002	No	12	0.00018	0.00004843	83.33	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	**GWB-4R**	**0.13**	**0.0237**	**0.01**	**Yes**	**15**	**0.07218**	**0.05409**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Molybdenum (mg/L)	GWB-5R	0.01	0.0012	0.01	No	15	0.009413	0.002272	93.33	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	GWB-6R	0.01	0.0013	0.01	No	15	0.007725	0.003922	73.33	None	No	0.01	NP (normality)
Molybdenum (mg/L)	**GWC-1**	**0.1579**	**0.06845**	**0.01**	**Yes**	**15**	**0.1132**	**0.06604**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	GWC-11	0.01	0.0018	0.01	No	15	0.008838	0.003073	86.67	None	No	0.01	NP (NDs)

Confidence Intervals - All Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 11:04 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Molybdenum (mg/L)	GWC-13	0.01	0.0056	0.01	No	15	0.009707	0.001136	93.33	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	GWC-14	0.01276	0.00333	0.01	No	15	0.01026	0.01011	0	None	ln(x)	0.01	Param.
Molybdenum (mg/L)	**GWC-15**	**0.1119**	**0.09163**	**0.01**	**Yes**	**15**	**0.1017**	**0.01493**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	**GWC-16**	**0.214**	**0.1235**	**0.01**	**Yes**	**15**	**0.1688**	**0.06681**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	GWC-17	0.01	0.0036	0.01	No	15	0.006941	0.003507	53.33	None	No	0.01	NP (normality)
Molybdenum (mg/L)	**GWC-20**	**0.3095**	**0.1197**	**0.01**	**Yes**	**15**	**0.226**	**0.1527**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Molybdenum (mg/L)	**GWC-21**	**0.05906**	**0.01743**	**0.01**	**Yes**	**15**	**0.03825**	**0.03071**	**0**	**None**	**No**	**0.01**	**Param.**
Selenium (mg/L)	GWB-4R	0.003986	0.002596	0.05	No	19	0.004163	0.001269	42.11	Kaplan-Meier	No	0.01	Param.
Selenium (mg/L)	GWB-5R	0.006	0.0033	0.05	No	19	0.004916	0.001035	78.95	Kaplan-Meier	No	0.01	NP (NDs)
Selenium (mg/L)	GWB-6R	0.005	0.0023	0.05	No	19	0.006584	0.0106	63.16	None	No	0.01	NP (normality)
Selenium (mg/L)	GWC-1	0.005	0.0018	0.05	No	19	0.003611	0.004842	10.53	None	No	0.01	NP (normality)
Selenium (mg/L)	GWC-11	0.007249	0.003213	0.05	No	19	0.006784	0.00553	21.05	Kaplan-Meier	ln(x)	0.01	Param.
Selenium (mg/L)	GWC-12	0.005	0.003	0.05	No	19	0.004442	0.001129	78.95	Kaplan-Meier	No	0.01	NP (NDs)
Selenium (mg/L)	GWC-14	0.004438	0.00297	0.05	No	20	0.003704	0.001293	5	None	No	0.01	Param.
Selenium (mg/L)	GWC-15	0.005174	0.002026	0.05	No	19	0.005374	0.00293	47.37	Kaplan-Meier	sqrt(x)	0.01	Param.
Selenium (mg/L)	GWC-16	0.005553	0.003634	0.05	No	20	0.004593	0.00169	5	None	No	0.01	Param.
Selenium (mg/L)	GWC-17	0.005	0.0013	0.05	No	19	0.003474	0.001772	52.63	None	No	0.01	NP (normality)
Selenium (mg/L)	GWC-2	0.005	0.0035	0.05	No	19	0.004763	0.0007522	89.47	None	No	0.01	NP (NDs)
Selenium (mg/L)	GWC-20	0.005	0.0014	0.05	No	19	0.003911	0.001662	68.42	None	No	0.01	NP (normality)
Selenium (mg/L)	GWC-21	0.02088	0.01127	0.05	No	19	0.01607	0.0082	0	None	No	0.01	Param.
Selenium (mg/L)	GWC-22	0.005	0.0023	0.05	No	19	0.004311	0.001396	78.95	None	No	0.01	NP (NDs)
Selenium (mg/L)	GWC-9	0.005	0.005	0.05	No	19	0.005	0	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	GWB-4R	0.001	0.00007	0.002	No	15	0.000876	0.0003272	86.67	None	No	0.01	NP (NDs)
Thallium (mg/L)	GWB-5R	0.001	0.00031	0.002	No	15	0.0008911	0.0002912	86.67	None	No	0.01	NP (NDs)
Thallium (mg/L)	GWC-1	0.001	0.000054	0.002	No	15	0.0008105	0.0003922	80	None	No	0.01	NP (NDs)
Thallium (mg/L)	GWC-11	0.001	0.000098	0.002	No	15	0.0005412	0.0004466	46.67	None	No	0.01	NP (normality)
Thallium (mg/L)	GWC-12	0.001	0.00014	0.002	No	15	0.0005653	0.000423	46.67	None	No	0.01	NP (normality)
Thallium (mg/L)	GWC-14	0.001	0.00007	0.002	No	15	0.0008753	0.000329	86.67	None	No	0.01	NP (NDs)
Thallium (mg/L)	GWC-16	0.001	0.00006	0.002	No	15	0.000874	0.0003325	86.67	None	No	0.01	NP (NDs)
Thallium (mg/L)	GWC-17	0.001	0.000076	0.002	No	15	0.0006332	0.0004652	60	None	No	0.01	NP (normality)
Thallium (mg/L)	GWC-2	0.001	0.00011	0.002	No	16	0.0009444	0.0002225	93.75	None	No	0.01	NP (NDs)
Thallium (mg/L)	GWC-21	0.001	0.00005	0.002	No	15	0.0009367	0.0002453	93.33	None	No	0.01	NP (NDs)
Thallium (mg/L)	GWC-22	0.001	0.000086	0.002	No	15	0.0006987	0.0004416	66.67	None	No	0.01	NP (normality)
Vanadium (mg/L)	GWB-4R	0.0388	0.0037	0.43	No	14	0.02031	0.01738	7.143	None	No	0.01	NP (normality)
Vanadium (mg/L)	GWB-5R	0.01026	0.004007	0.43	No	14	0.00825	0.007889	7.143	None	ln(x)	0.01	Param.
Vanadium (mg/L)	GWB-6R	0.03356	0.007419	0.43	No	14	0.02379	0.02645	0	None	x^(1/3)	0.01	Param.
Vanadium (mg/L)	GWC-1	0.007246	0.004083	0.43	No	14	0.005664	0.002232	14.29	None	No	0.01	Param.
Vanadium (mg/L)	GWC-11	0.01	0.002	0.43	No	14	0.003957	0.003283	21.43	None	No	0.01	NP (normality)
Vanadium (mg/L)	GWC-12	0.007037	0.003634	0.43	No	14	0.005336	0.002402	14.29	None	No	0.01	Param.
Vanadium (mg/L)	GWC-13	0.01	0.0019	0.43	No	14	0.007657	0.003813	64.29	None	No	0.01	NP (normality)
Vanadium (mg/L)	GWC-14	0.01713	0.007529	0.43	No	17	0.01317	0.007256	17.65	Kaplan-Meier	No	0.01	Param.
Vanadium (mg/L)	GWC-15	0.01	0.0021	0.43	No	16	0.005225	0.00385	37.5	None	No	0.01	NP (normality)
Vanadium (mg/L)	GWC-16	0.01	0.0026	0.43	No	17	0.004651	0.003092	23.53	None	No	0.01	NP (normality)
Vanadium (mg/L)	GWC-17	0.01	0.0026	0.43	No	14	0.006414	0.003742	50	None	No	0.01	NP (normality)
Vanadium (mg/L)	GWC-2	0.01	0.0024	0.43	No	14	0.009457	0.002031	92.86	None	No	0.01	NP (NDs)
Vanadium (mg/L)	GWC-20	0.01	0.0025	0.43	No	16	0.005075	0.003449	31.25	None	No	0.01	NP (normality)
Vanadium (mg/L)	GWC-21	0.01	0.0022	0.43	No	14	0.005064	0.003322	28.57	None	No	0.01	NP (normality)
Vanadium (mg/L)	GWC-22	0.01	0.0016	0.43	No	14	0.006707	0.004052	57.14	None	No	0.01	NP (normality)
Vanadium (mg/L)	GWC-9	0.01	0.0015	0.43	No	14	0.008771	0.003123	85.71	None	No	0.01	NP (NDs)
Zinc (mg/L)	GWB-4R	0.008882	0.004471	0.16	No	14	0.00775	0.003091	21.43	Kaplan-Meier	No	0.01	Param.
Zinc (mg/L)	GWB-5R	0.01	0.0023	0.16	No	14	0.00815	0.003375	71.43	None	No	0.01	NP (normality)
Zinc (mg/L)	GWB-6R	0.016	0.0032	0.16	No	14	0.008086	0.003986	57.14	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-1	0.01	0.0057	0.16	No	14	0.008457	0.003066	71.43	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-11	0.01	0.0031	0.16	No	14	0.007707	0.003315	64.29	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-12	0.01	0.0023	0.16	No	14	0.004864	0.00313	21.43	None	No	0.01	NP (normality)

Confidence Intervals - All Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 11:04 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Zinc (mg/L)	GWC-13	0.039	0.0021	0.16	No	14	0.01883	0.01885	0	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-14	0.01	0.0052	0.16	No	17	0.0088	0.002745	76.47	None	No	0.01	NP (NDs)
Zinc (mg/L)	GWC-15	0.032	0.0051	0.16	No	16	0.01107	0.005714	87.5	None	No	0.01	NP (NDs)
Zinc (mg/L)	GWC-16	0.01	0.0025	0.16	No	17	0.007459	0.003613	58.82	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-17	0.01304	0.007776	0.16	No	14	0.01041	0.003714	14.29	None	No	0.01	Param.
Zinc (mg/L)	GWC-2	0.056	0.0018	0.16	No	14	0.01089	0.01346	57.14	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-20	0.031	0.0049	0.16	No	16	0.01058	0.005803	81.25	None	No	0.01	NP (NDs)
Zinc (mg/L)	GWC-21	0.01	0.002	0.16	No	14	0.007986	0.003493	64.29	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-22	0.0086	0.003171	0.16	No	14	0.007964	0.003345	42.86	Kaplan-Meier	x^2	0.01	Param.
Zinc (mg/L)	GWC-9	0.006076	0.002475	0.16	No	14	0.006536	0.00606	21.43	Kaplan-Meier	ln(x)	0.01	Param.

Appendix I & IV Trend Tests - Confidence Interval Exceedances - Significant Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 11:08 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Arsenic (mg/L)	**GWC-15**	**0.0341**	**141**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Molybdenum (mg/L)	**GWC-1**	**-0.03266**	**-76**	**-53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Molybdenum (mg/L)	**GWC-16**	**0.03158**	**56**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix I & IV Trend Tests - Confidence Interval Exceedances - All Results

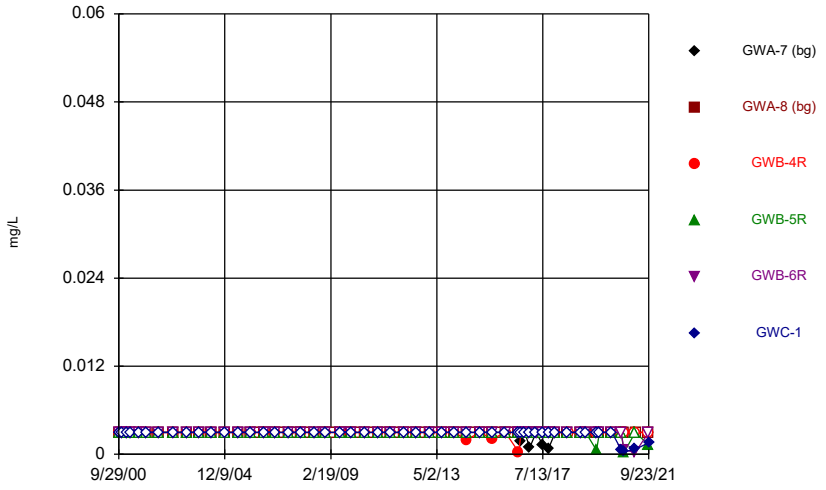
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 11:08 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Arsenic (mg/L)	GWA-7 (bg)	-0.0006257	-21	-74	No	19	26.32	n/a	n/a	0.01	NP
Arsenic (mg/L)	GWA-8 (bg)	0	16	81	No	20	70	n/a	n/a	0.01	NP
Arsenic (mg/L)	**GWC-15**	**0.0341**	**141**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Arsenic (mg/L)	GWC-16	0.001946	24	81	No	20	0	n/a	n/a	0.01	NP
Arsenic (mg/L)	GWC-20	0.003529	17	74	No	19	0	n/a	n/a	0.01	NP
Molybdenum (mg/L)	GWA-7 (bg)	0	22	53	No	15	80	n/a	n/a	0.01	NP
Molybdenum (mg/L)	GWA-8 (bg)	0	0	53	No	15	100	n/a	n/a	0.01	NP
Molybdenum (mg/L)	GWB-4R	0.02482	45	53	No	15	0	n/a	n/a	0.01	NP
Molybdenum (mg/L)	**GWC-1**	**-0.03266**	**-76**	**-53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Molybdenum (mg/L)	GWC-15	-0.004337	-33	-53	No	15	0	n/a	n/a	0.01	NP
Molybdenum (mg/L)	**GWC-16**	**0.03158**	**56**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Molybdenum (mg/L)	GWC-20	-0.01481	-17	-53	No	15	0	n/a	n/a	0.01	NP
Molybdenum (mg/L)	GWC-21	-0.0003021	-1	-53	No	15	0	n/a	n/a	0.01	NP

FIGURE A.

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

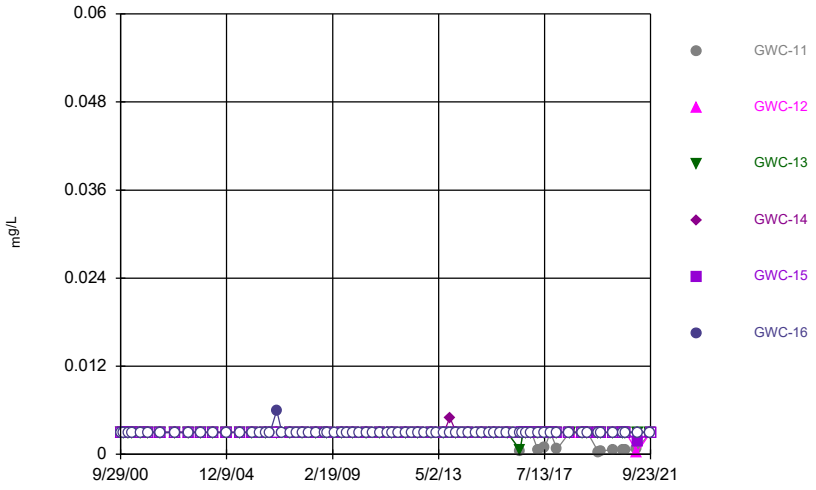
Time Series



Constituent: Antimony Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

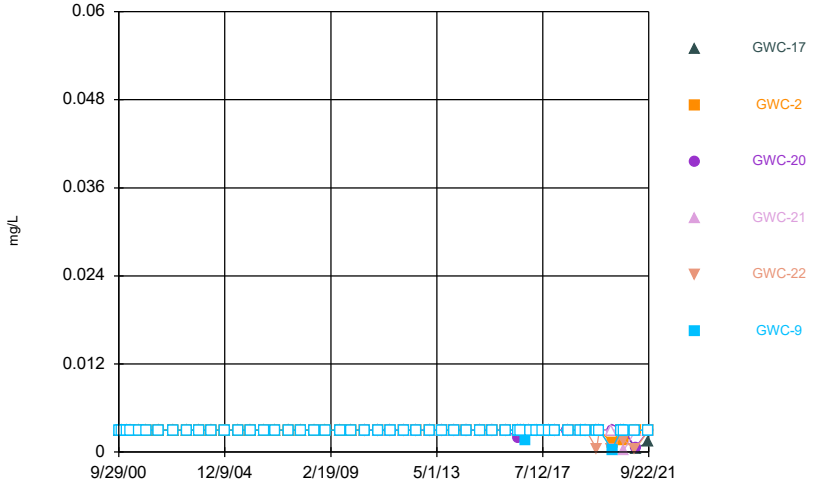
Time Series



Constituent: Antimony Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

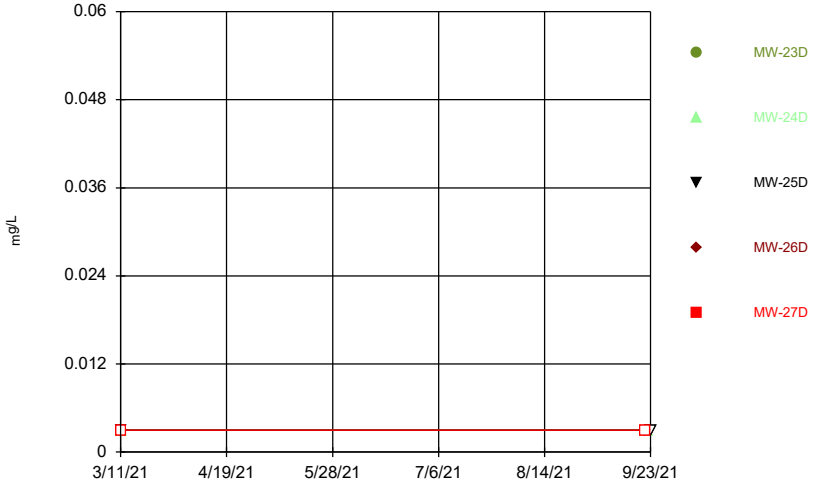
Time Series



Constituent: Antimony Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

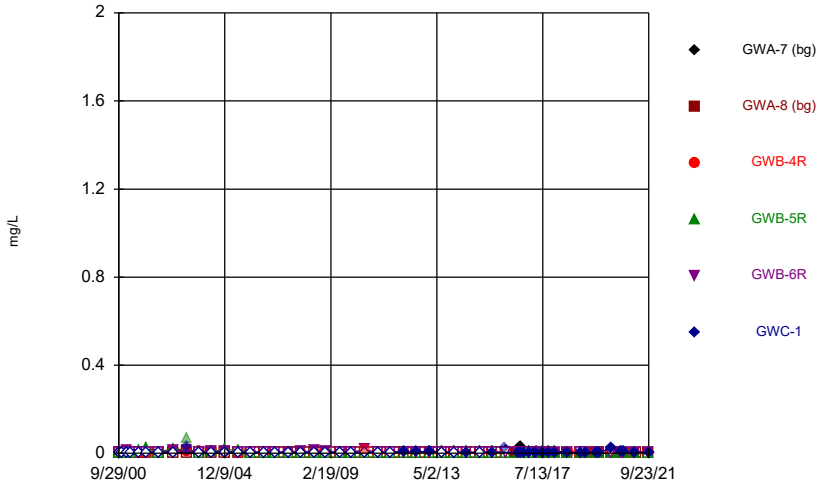
Time Series



Constituent: Antimony Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

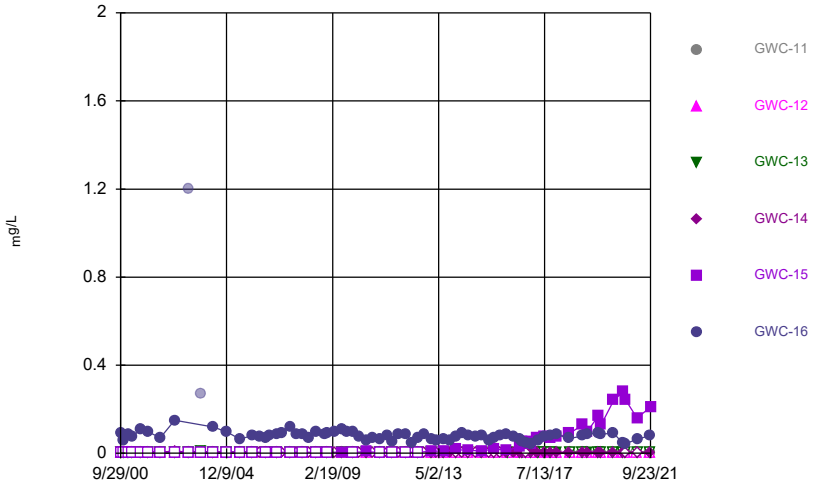
Time Series



Constituent: Arsenic Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



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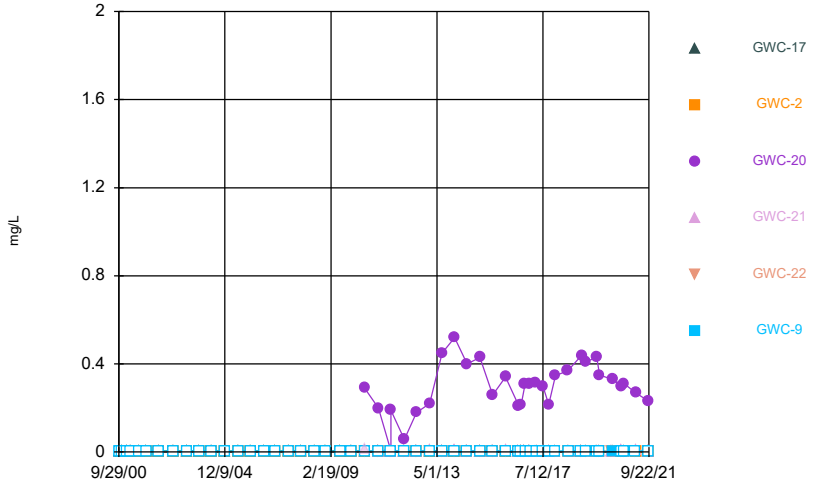
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

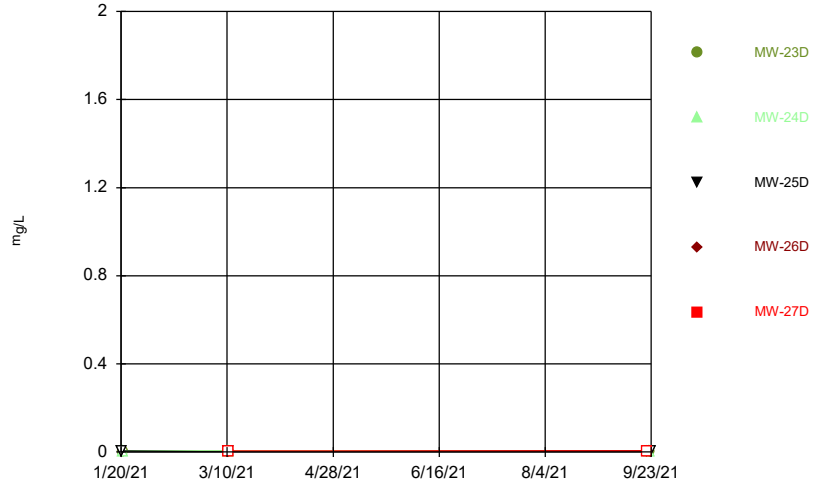
Time Series



Constituent: Arsenic Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

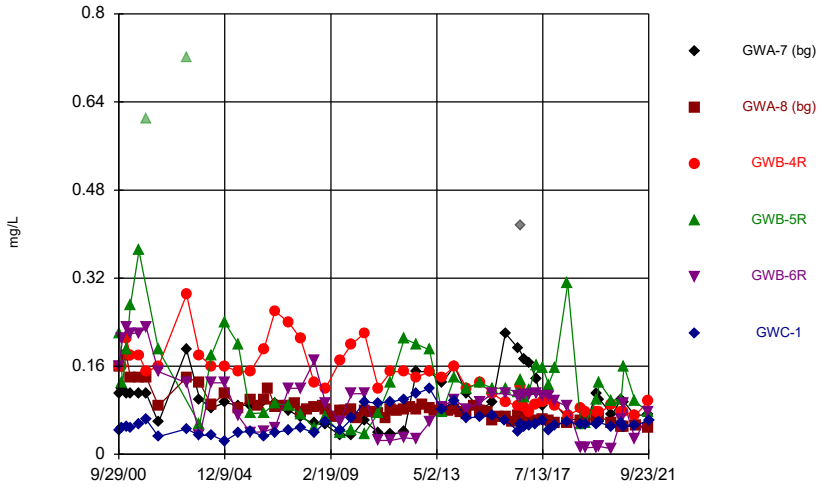
Time Series



Constituent: Arsenic Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Time Series



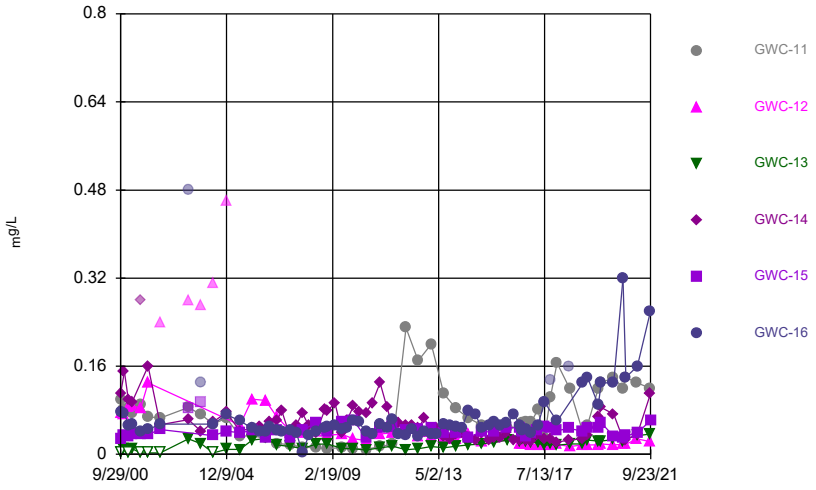
Constituent: Barium Analysis Run 11/21/2021 9:32 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Time Series

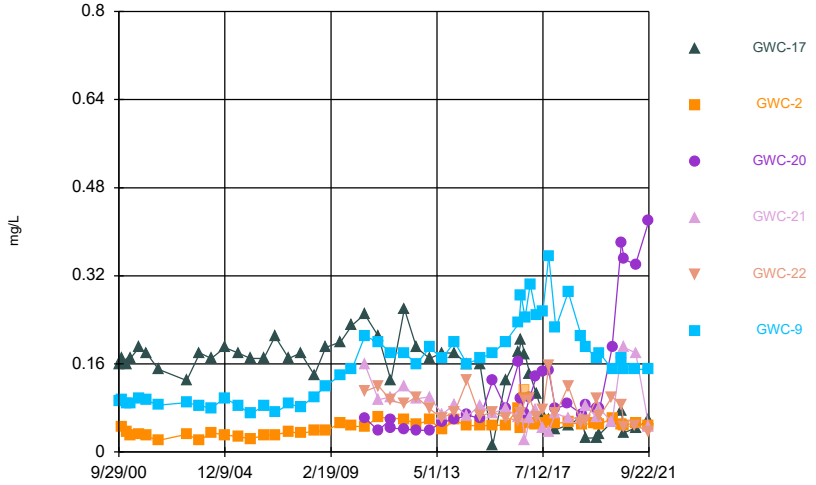


Constituent: Barium Analysis Run 11/21/2021 9:32 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Time Series

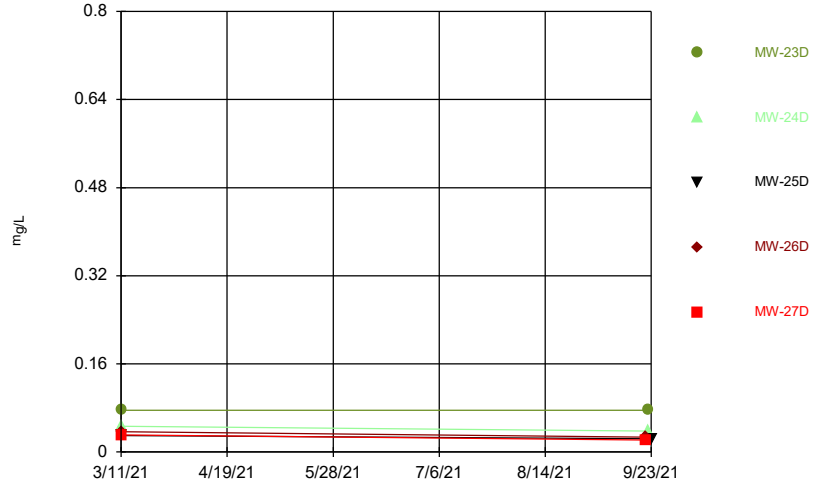


Constituent: Barium Analysis Run 11/21/2021 9:32 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Time Series

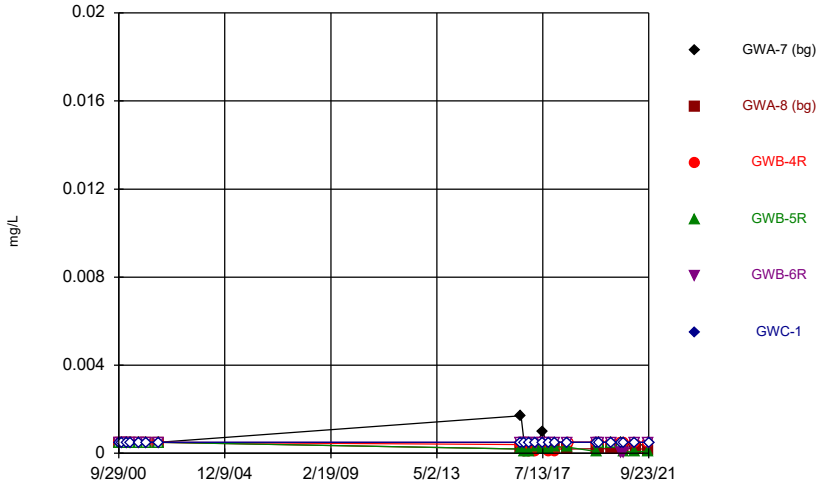


Constituent: Barium Analysis Run 11/21/2021 9:32 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

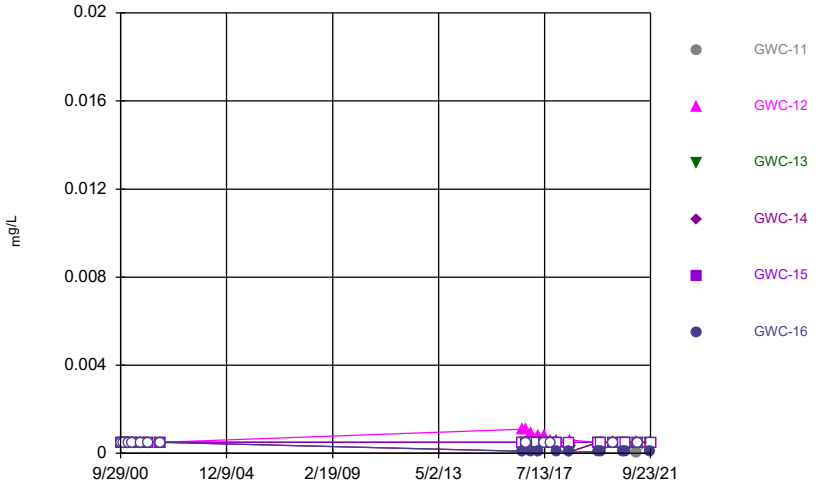
Time Series



Constituent: Beryllium Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

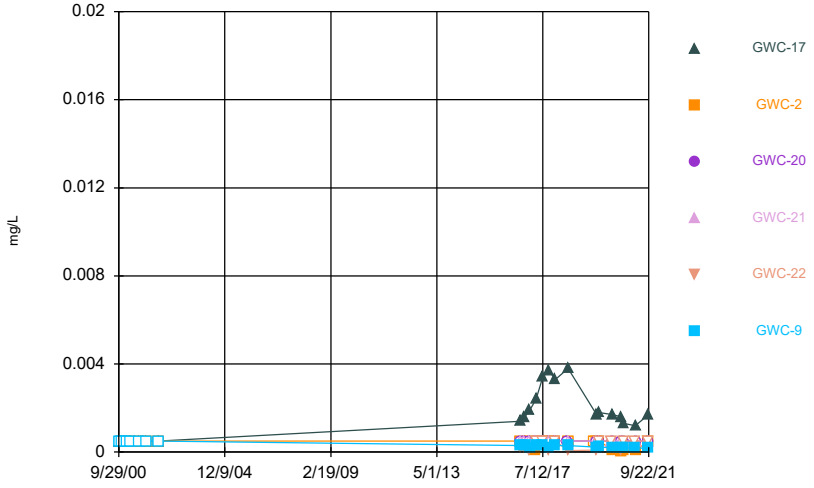
Time Series



Constituent: Beryllium Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

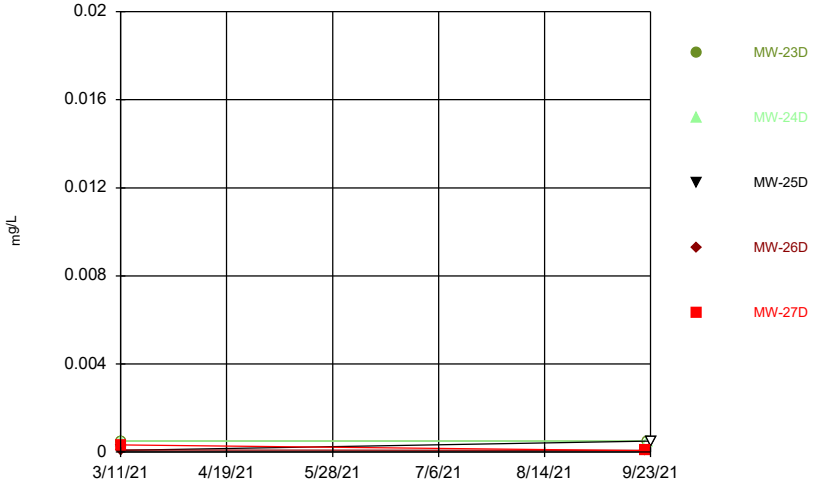
Time Series



Constituent: Beryllium Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

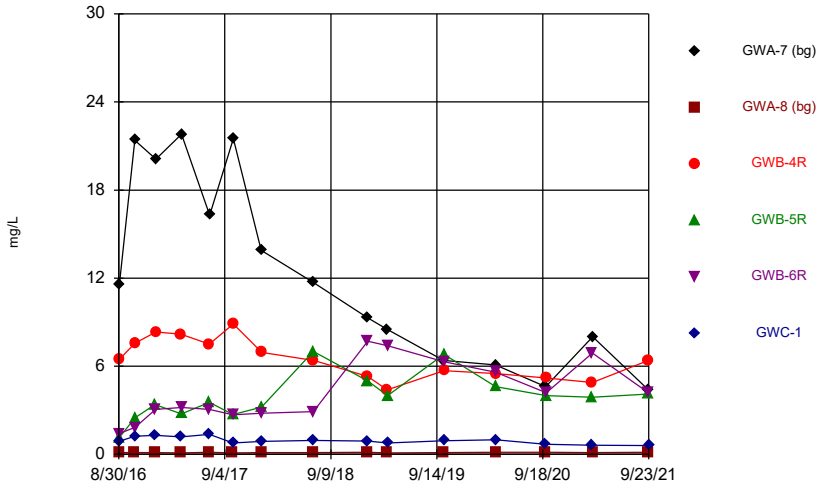
Time Series



Constituent: Beryllium Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

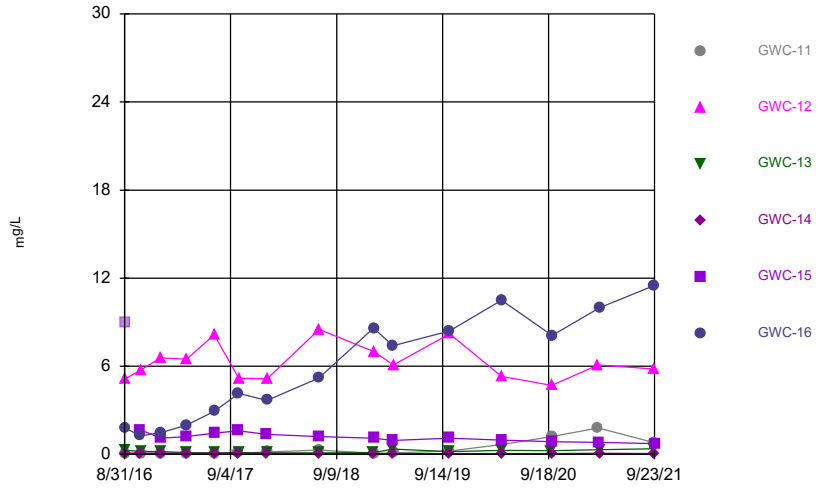
Time Series



Constituent: Boron Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

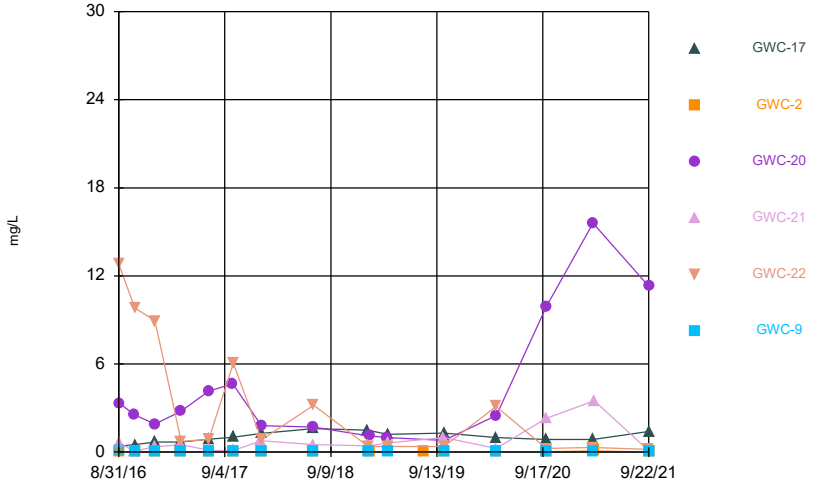
Time Series



Constituent: Boron Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

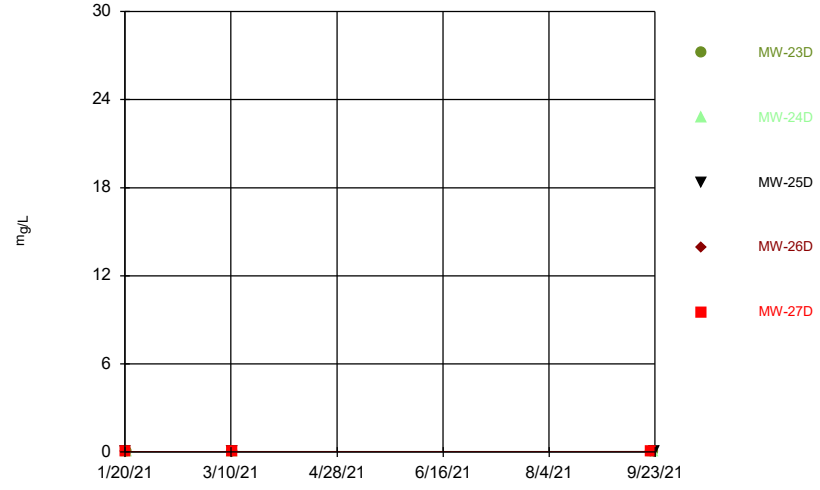
Time Series



Constituent: Boron Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

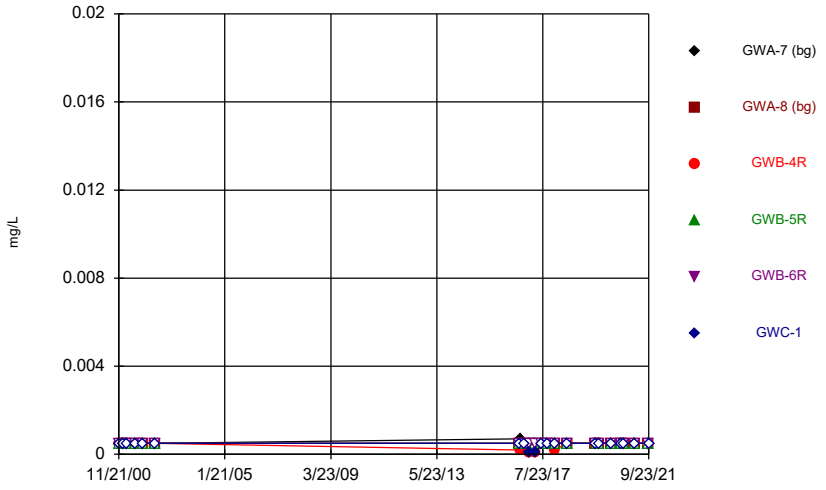
Time Series



Constituent: Boron Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

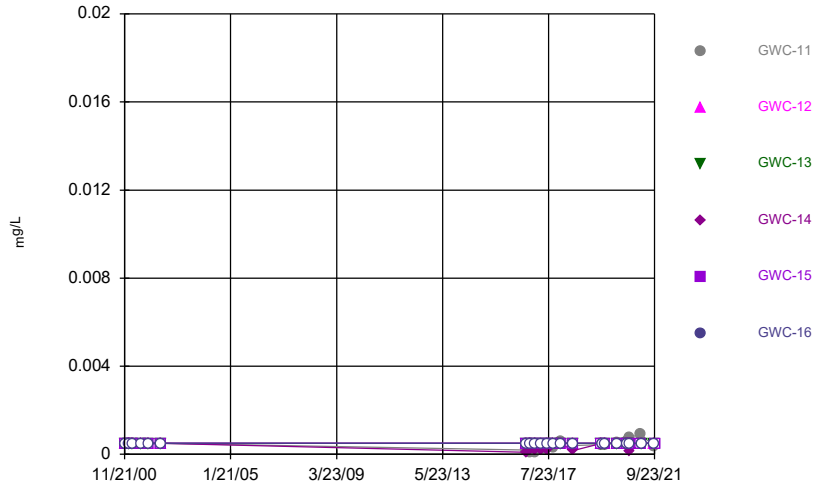
Time Series



Constituent: Cadmium Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

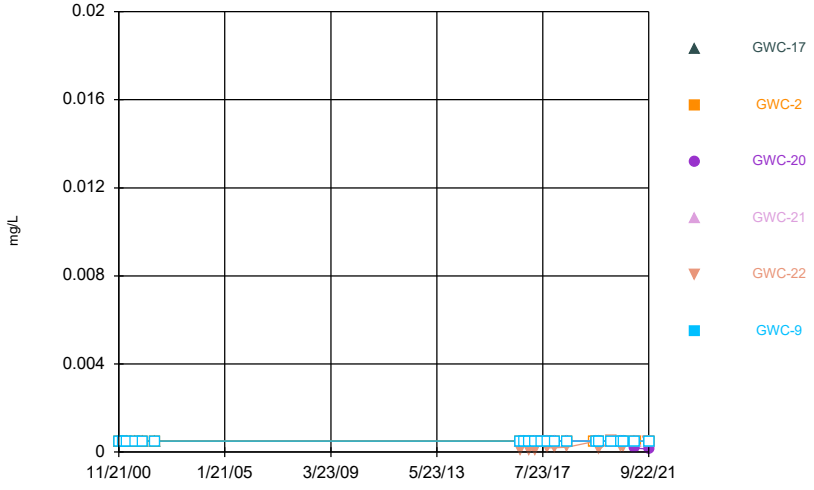
Time Series



Constituent: Cadmium Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Cadmium Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
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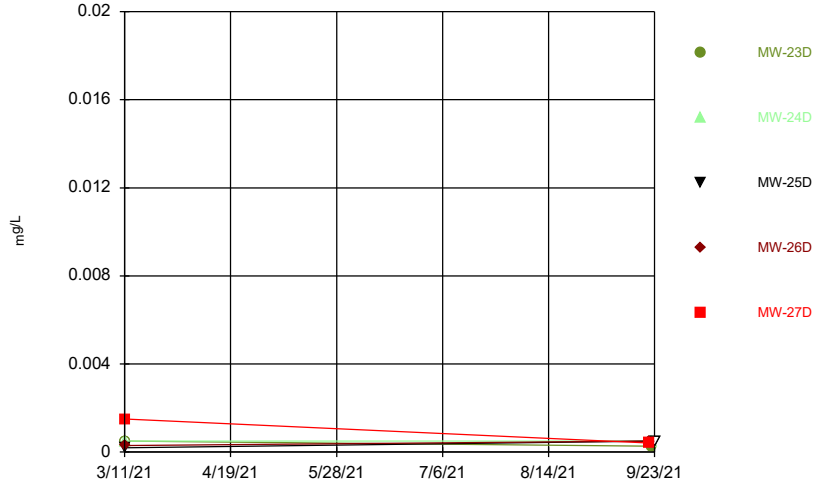
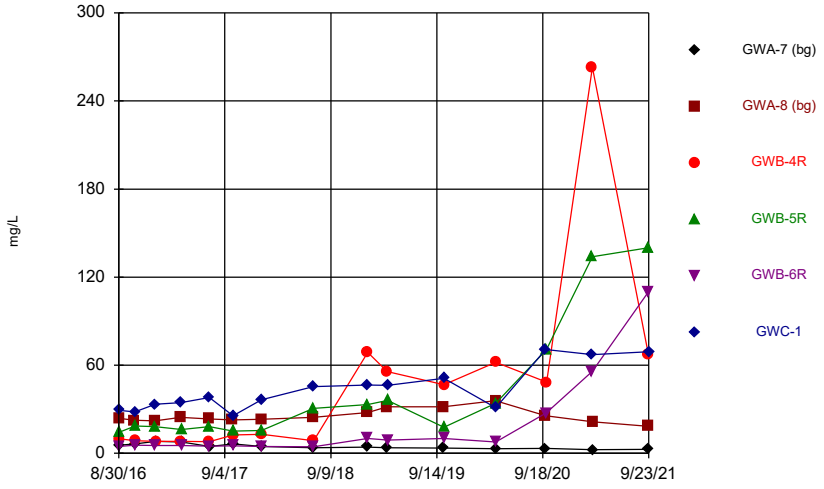
Time Series



Constituent: Cadmium Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Time Series

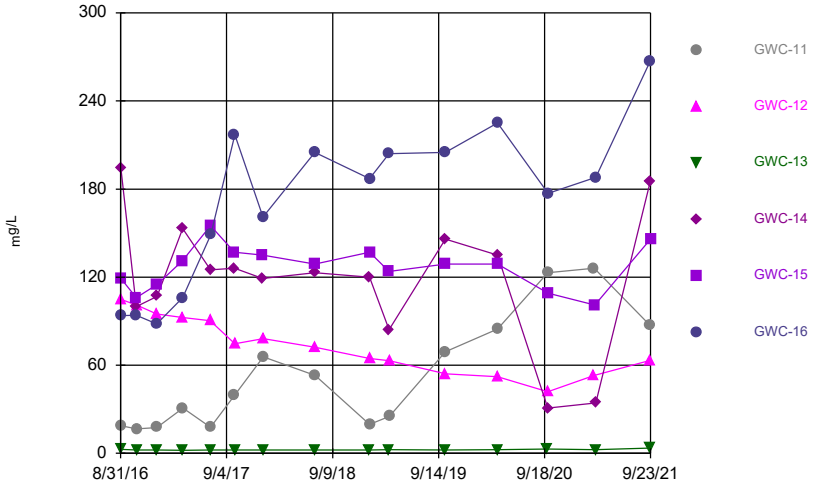


Constituent: Calcium Analysis Run 11/21/2021 9:32 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Time Series

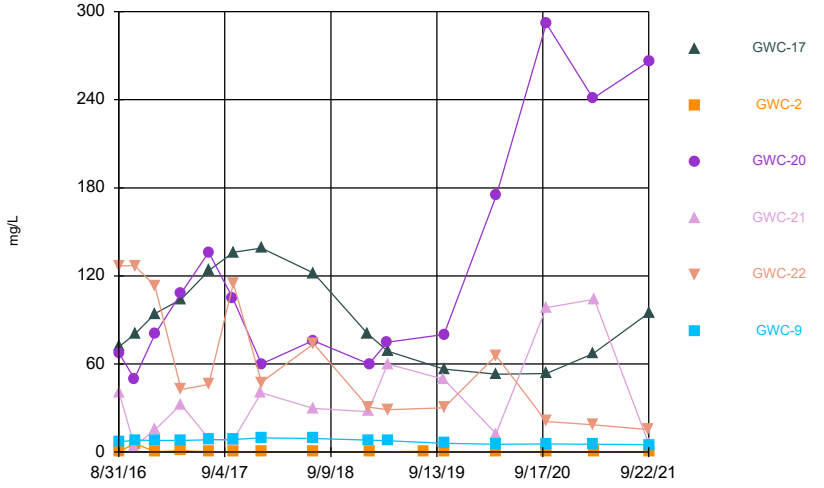


Constituent: Calcium Analysis Run 11/21/2021 9:32 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Time Series

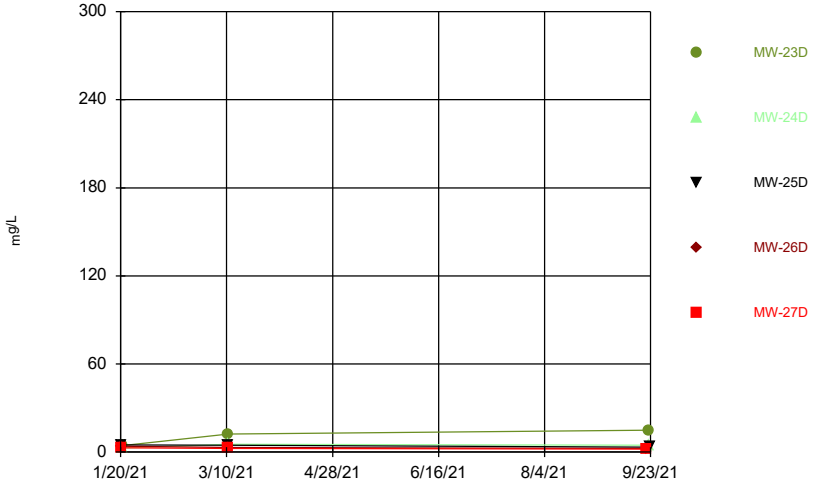


Constituent: Calcium Analysis Run 11/21/2021 9:32 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Time Series

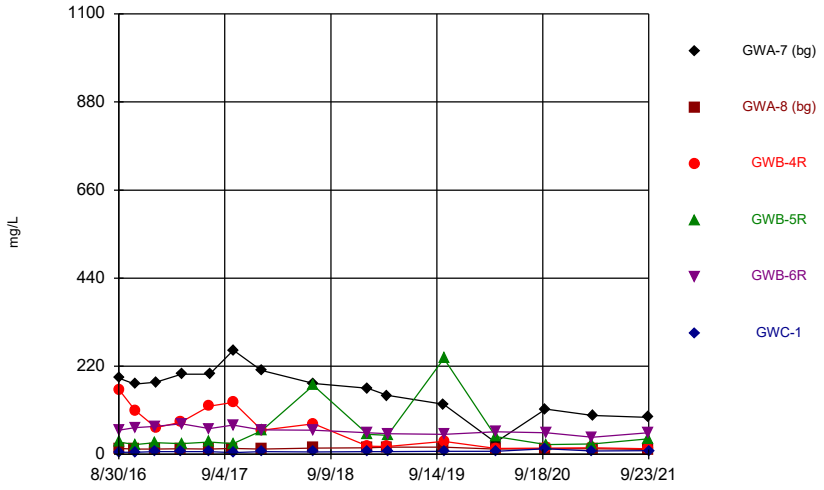


Constituent: Calcium Analysis Run 11/21/2021 9:32 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

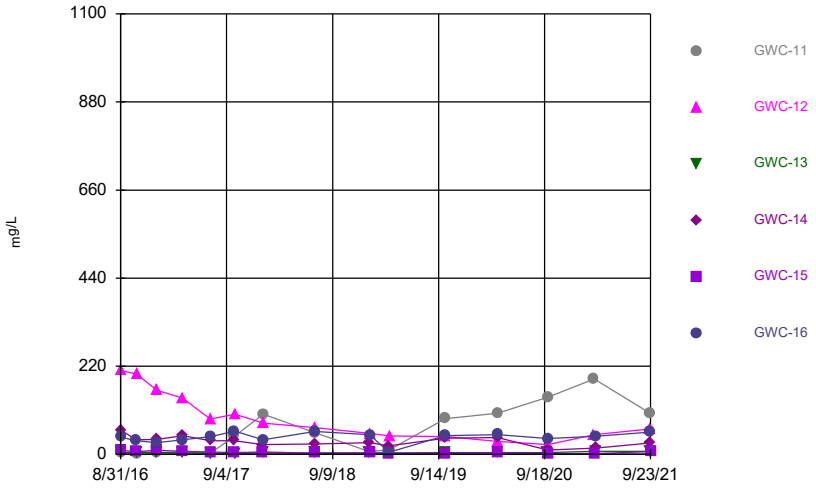
Time Series



Constituent: Chloride Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

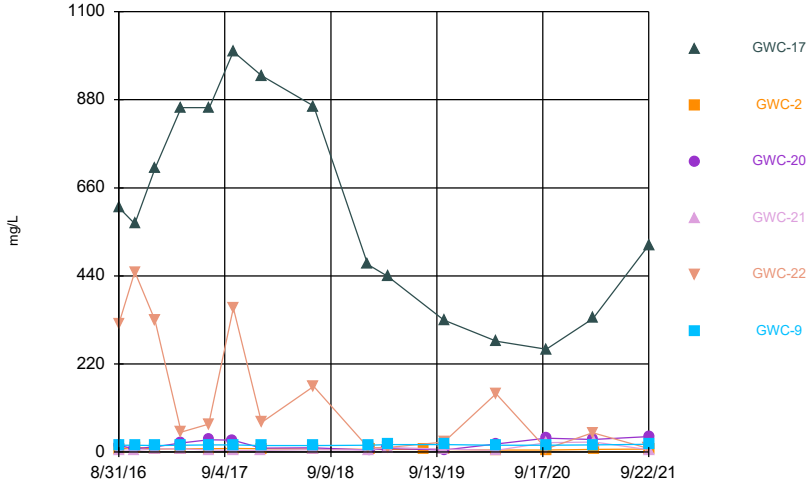
Time Series



Constituent: Chloride Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

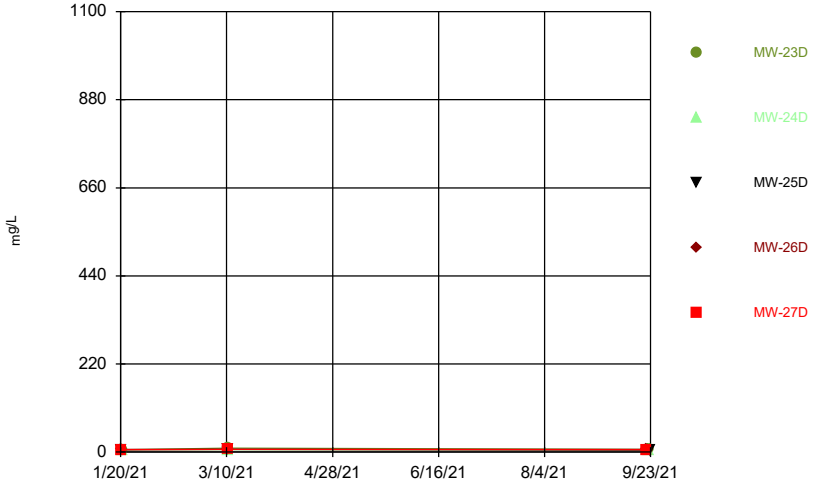
Time Series



Constituent: Chloride Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

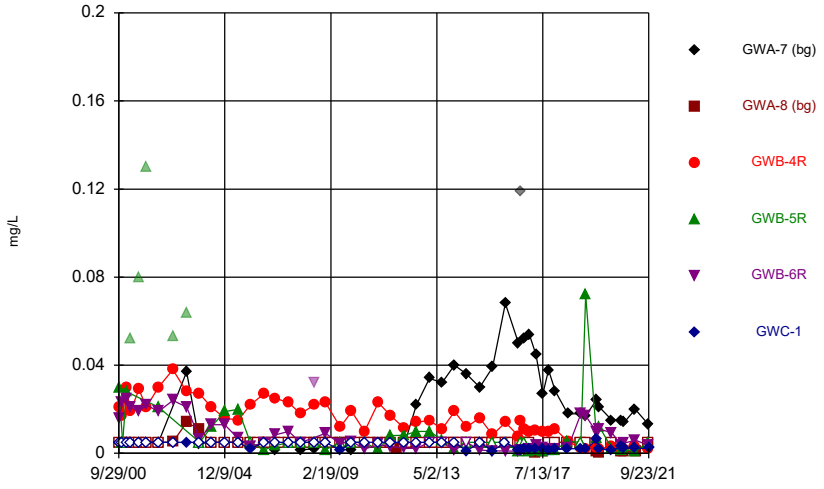
Time Series



Constituent: Chloride Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

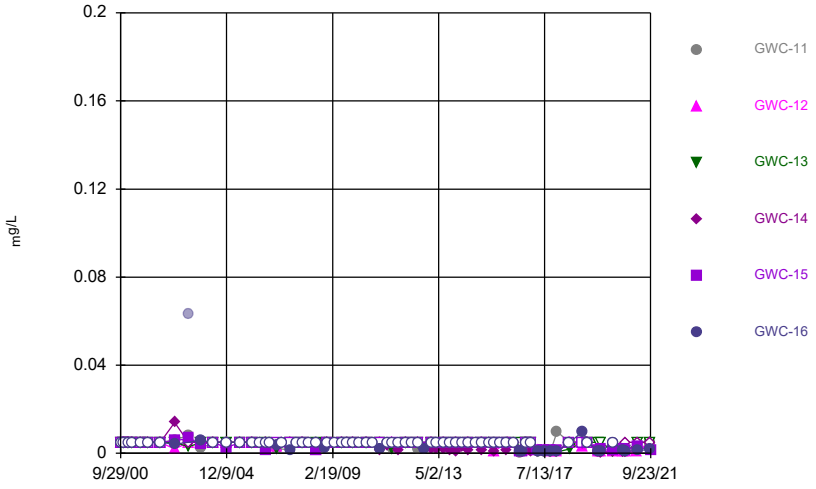
Time Series



Constituent: Chromium Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

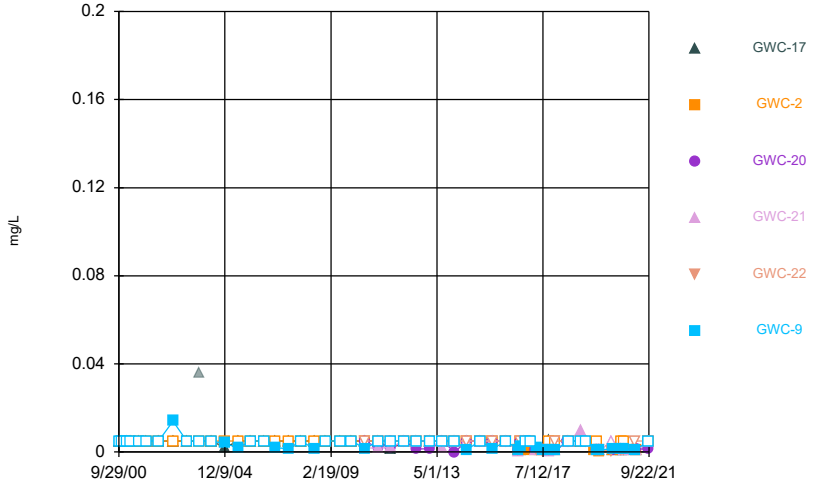
Time Series



Constituent: Chromium Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

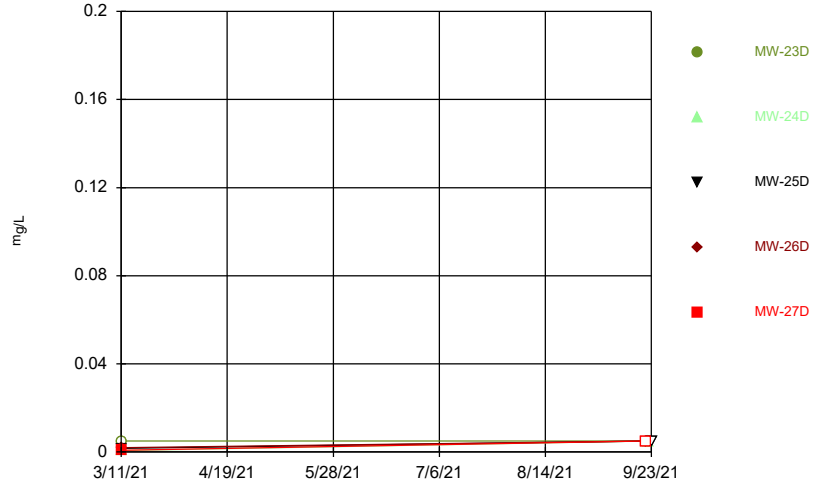
Time Series



Constituent: Chromium Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

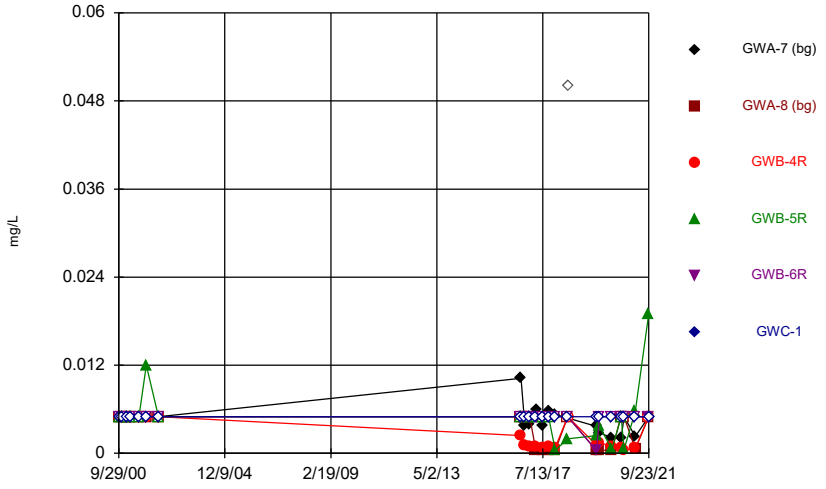
Time Series



Constituent: Chromium Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

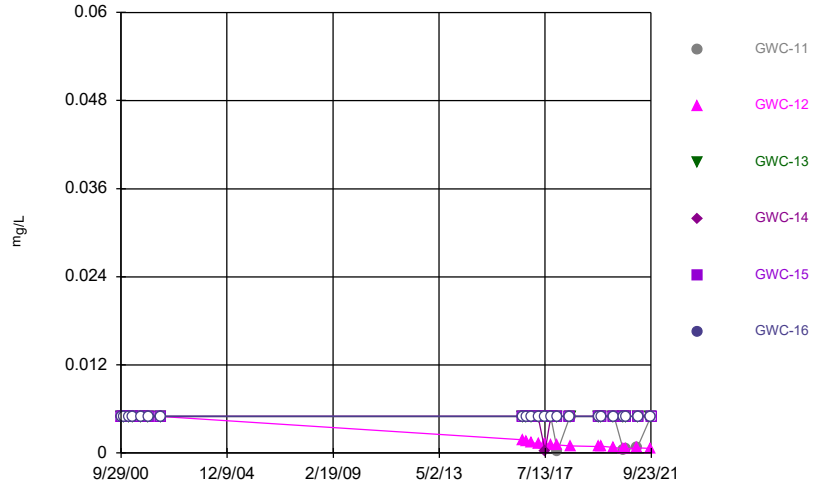
Time Series



Constituent: Cobalt Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

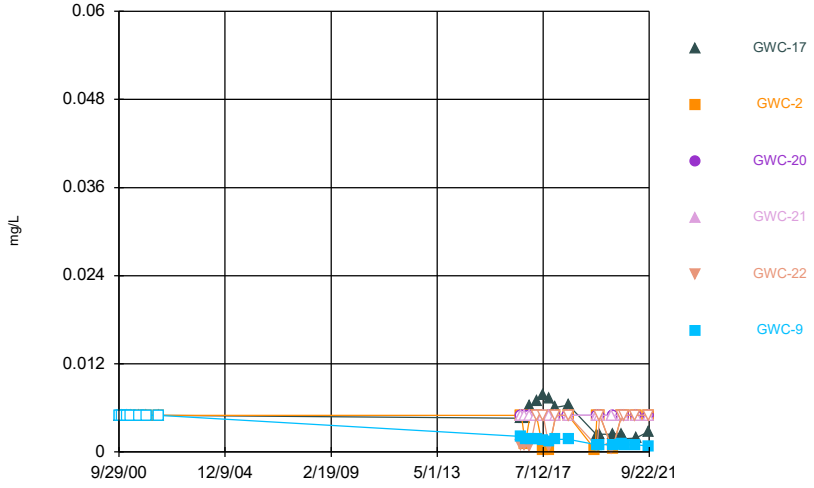
Time Series



Constituent: Cobalt Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

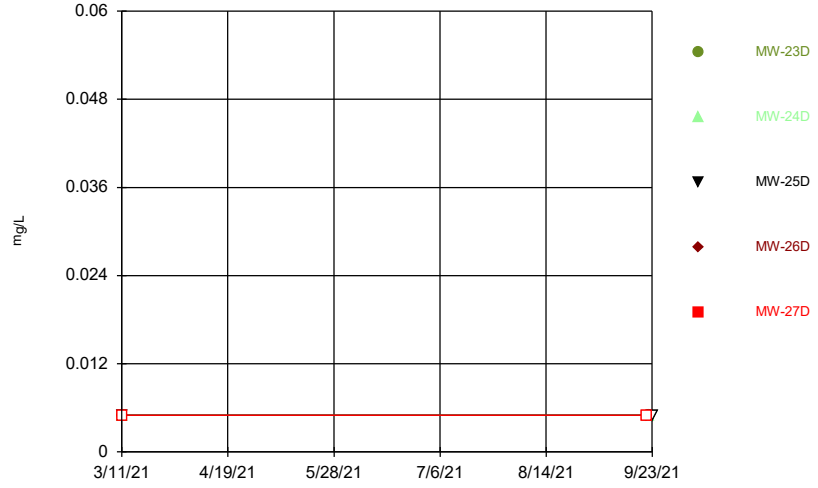
Time Series



Constituent: Cobalt Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

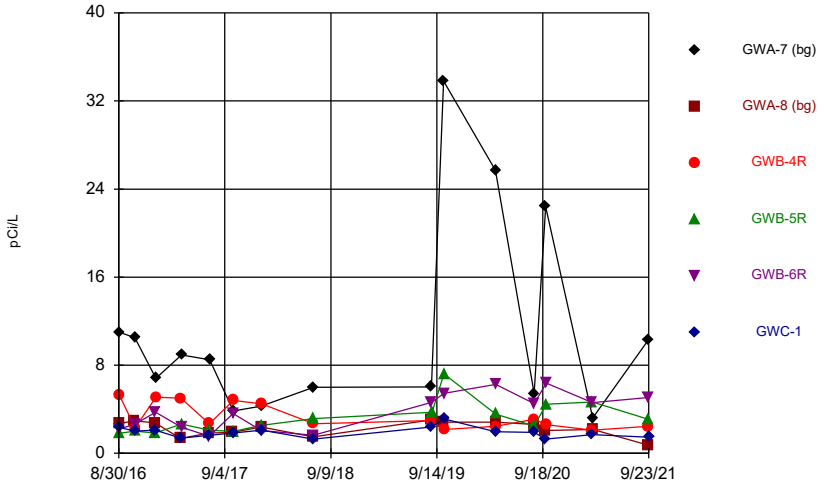
Time Series



Constituent: Cobalt Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

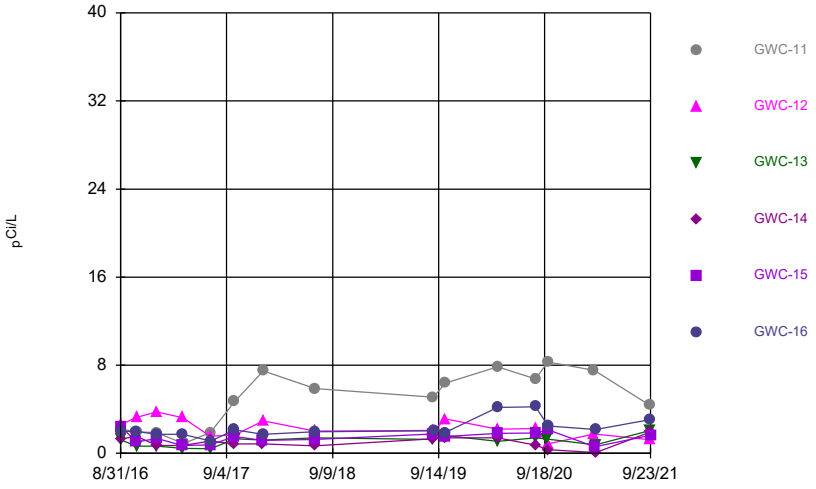
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

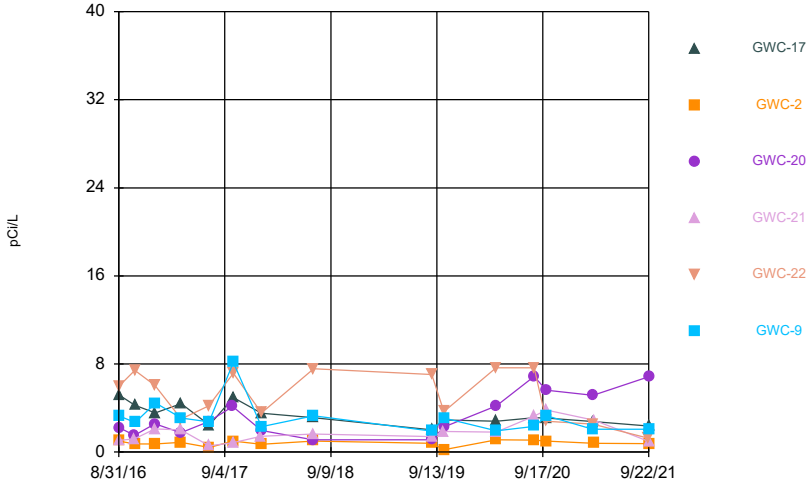
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

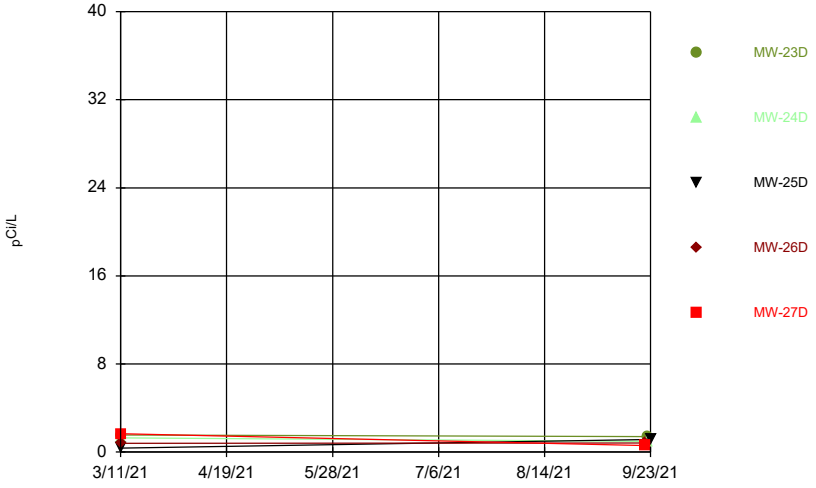
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

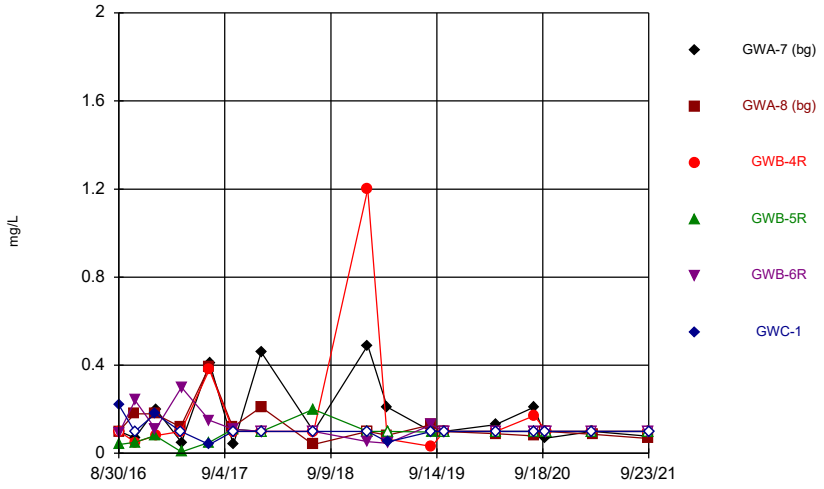
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

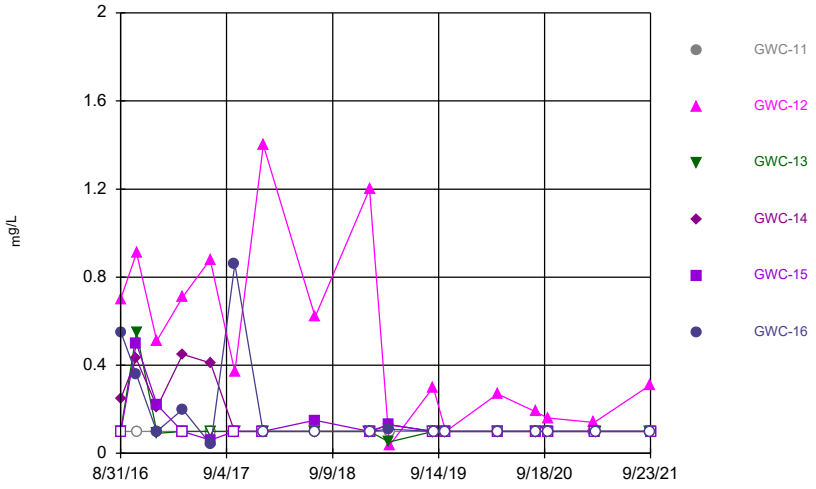
Time Series



Constituent: Fluoride Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

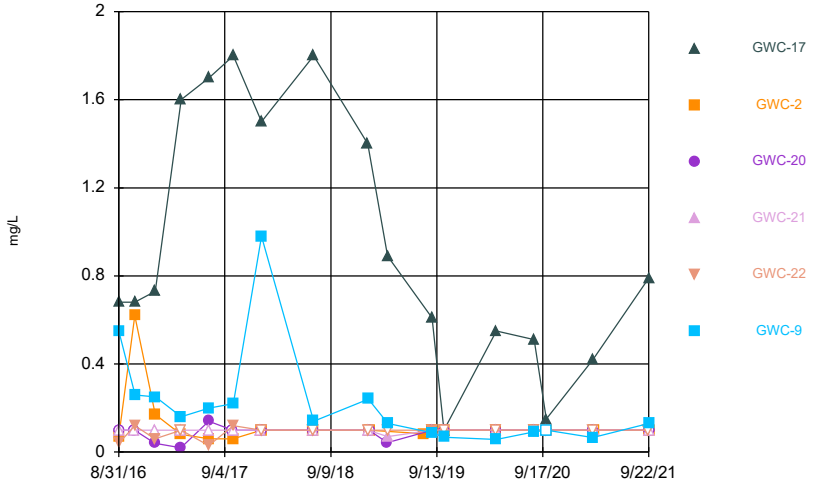
Time Series



Constituent: Fluoride Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

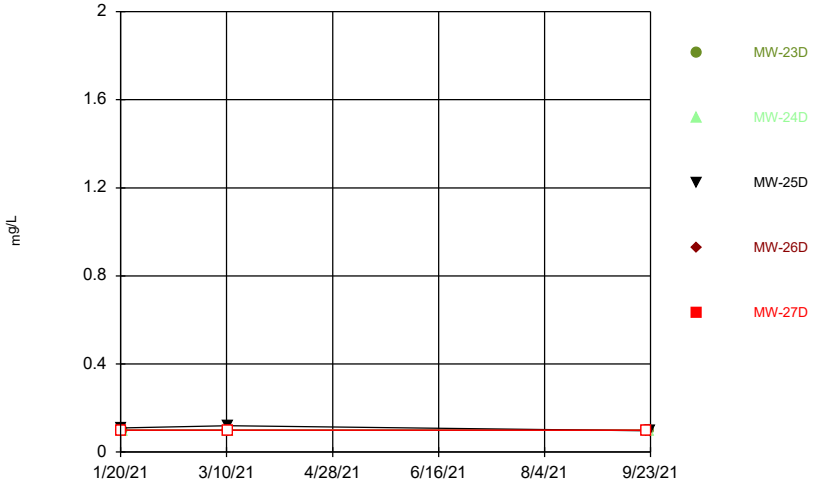
Time Series



Constituent: Fluoride Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

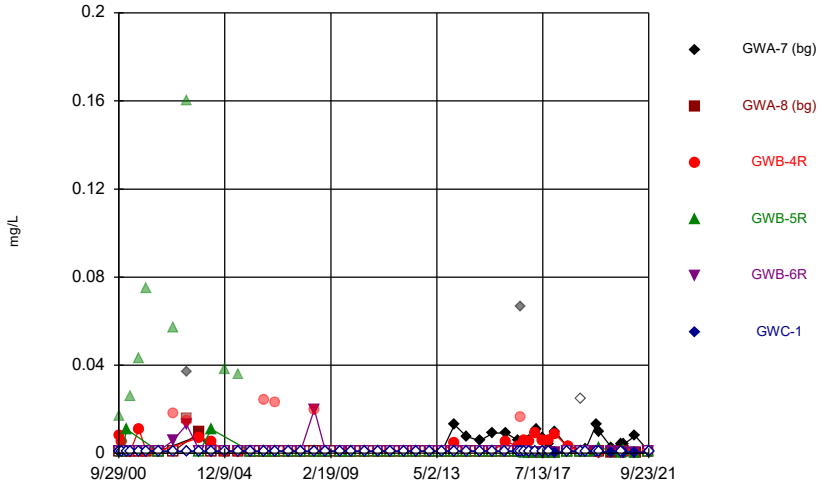
Time Series



Constituent: Fluoride Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

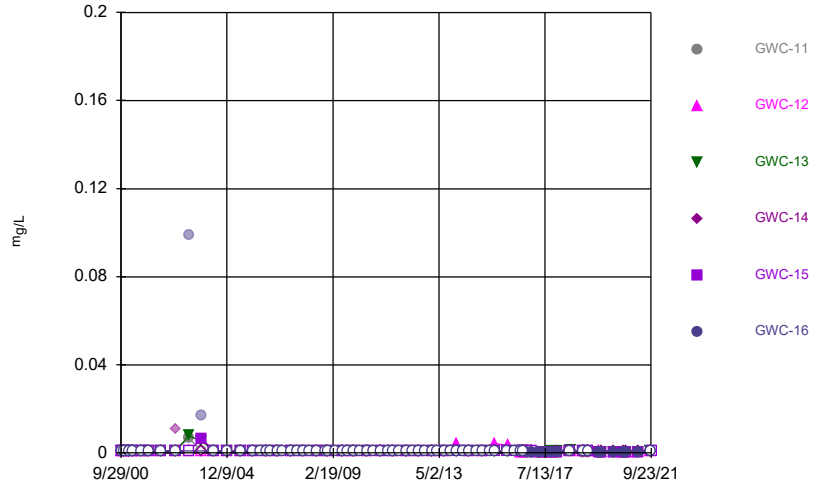
Time Series



Constituent: Lead Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

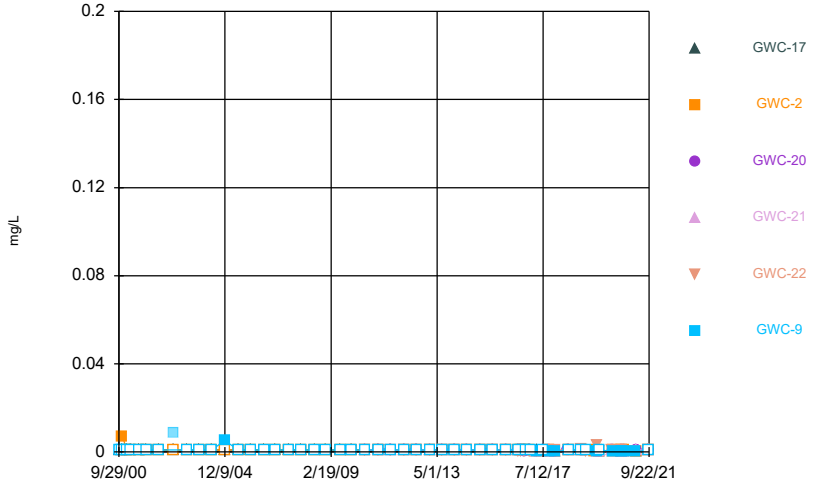
Time Series



Constituent: Lead Analysis Run 11/21/2021 9:32 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

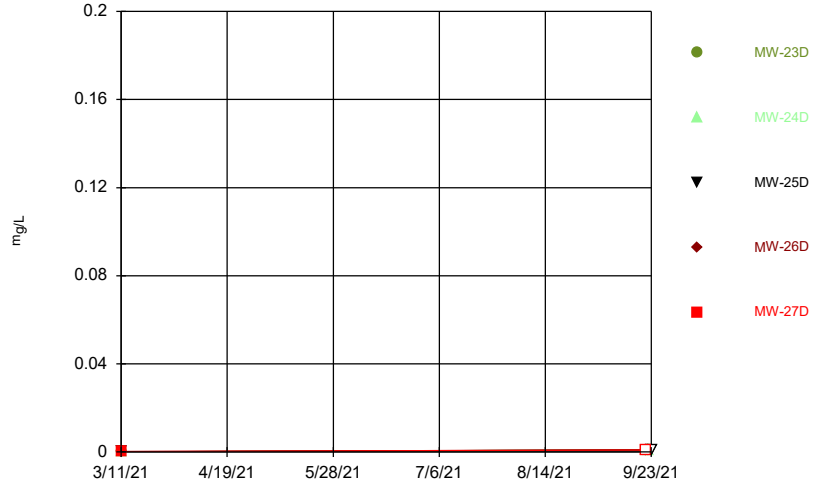
Time Series



Constituent: Lead Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

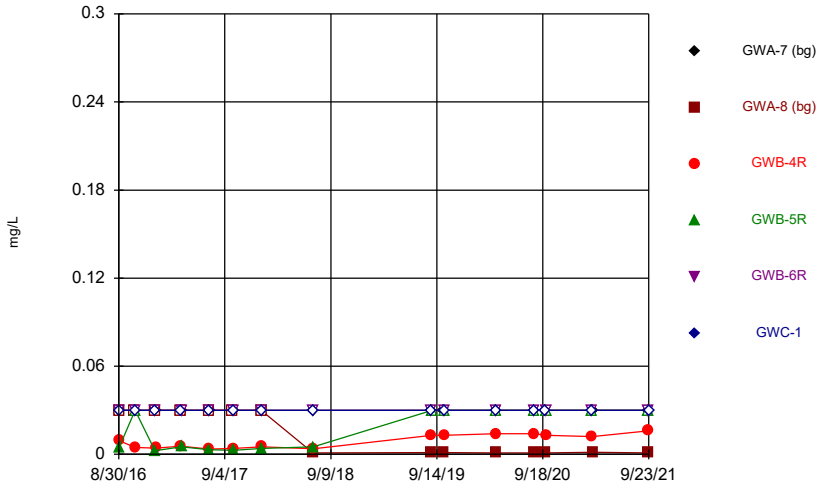
Time Series



Constituent: Lead Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

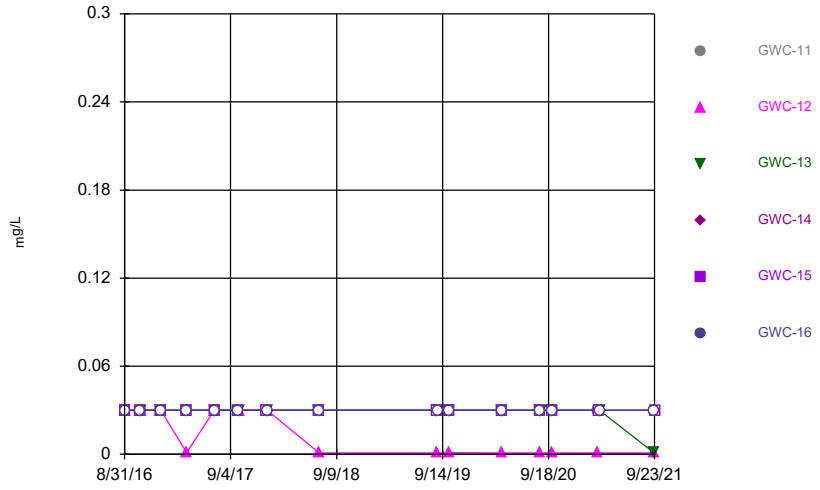
Time Series



Constituent: Lithium Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

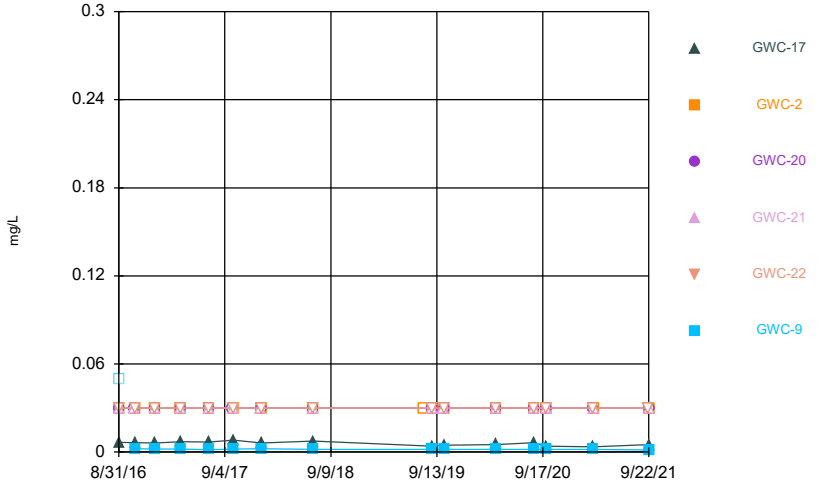
Time Series



Constituent: Lithium Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

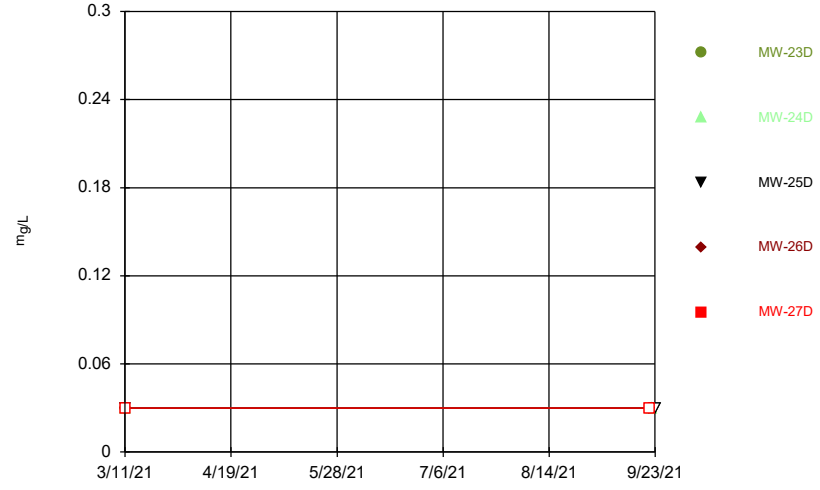
Time Series



Constituent: Lithium Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

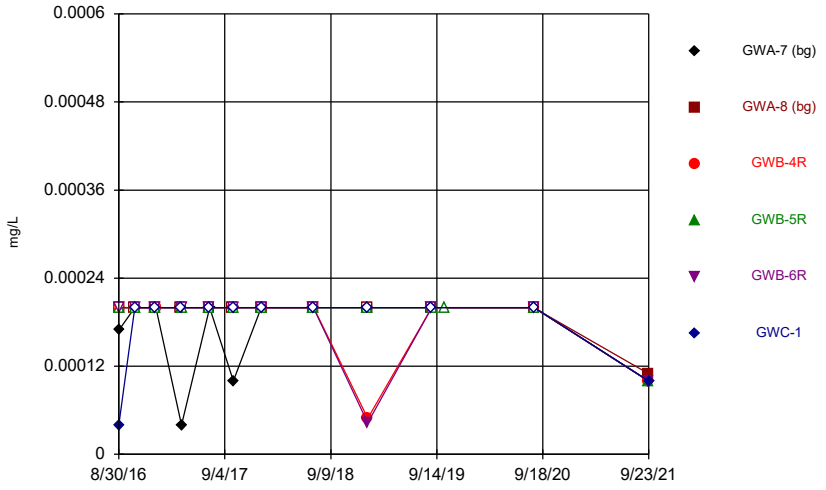
Time Series



Constituent: Lithium Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

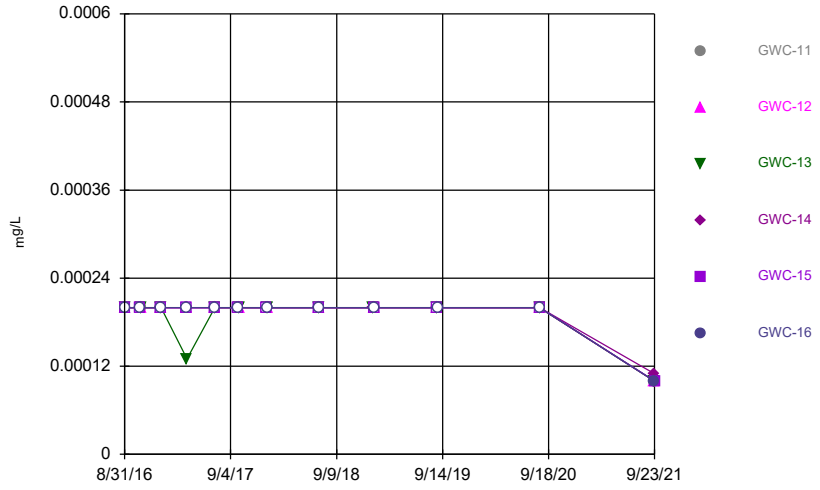
Time Series



Constituent: Mercury Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

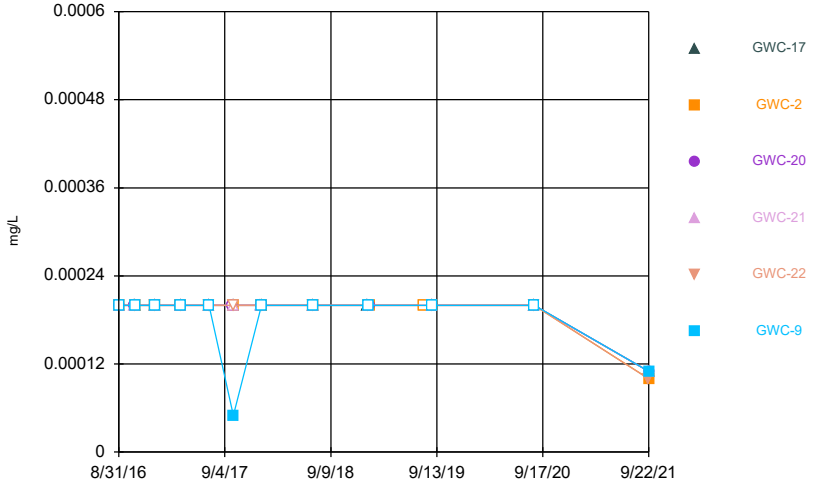
Time Series



Constituent: Mercury Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

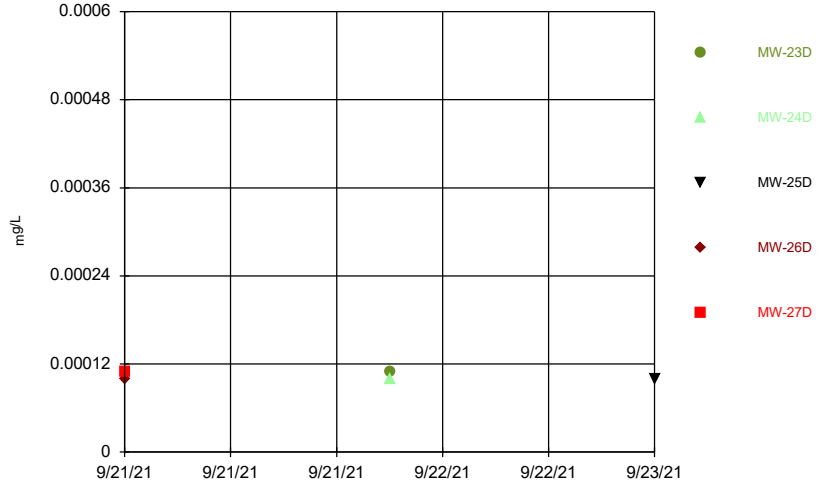
Time Series



Constituent: Mercury Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

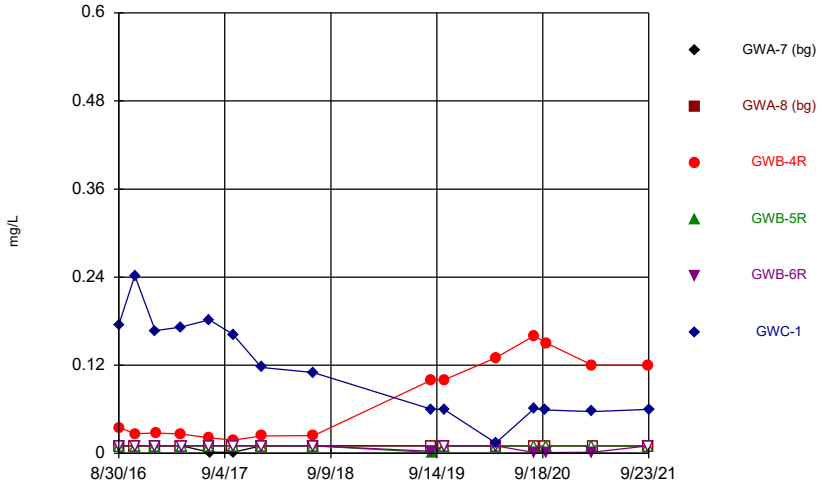
Time Series



Constituent: Mercury Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

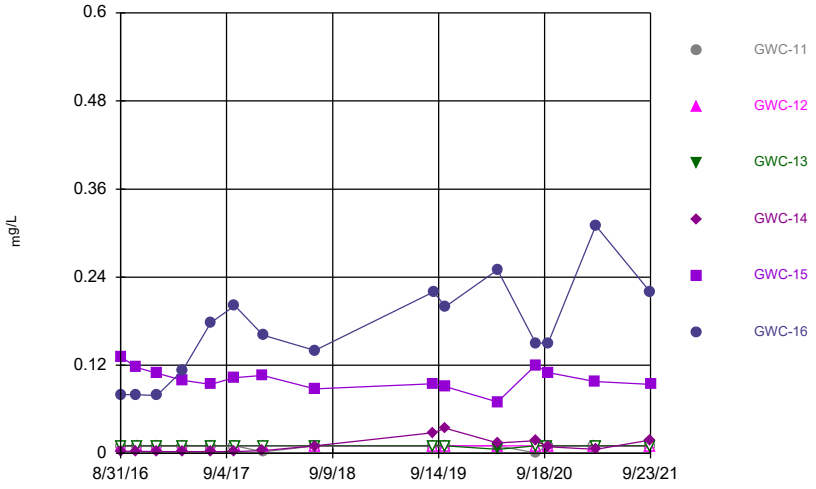
Time Series



Constituent: Molybdenum Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

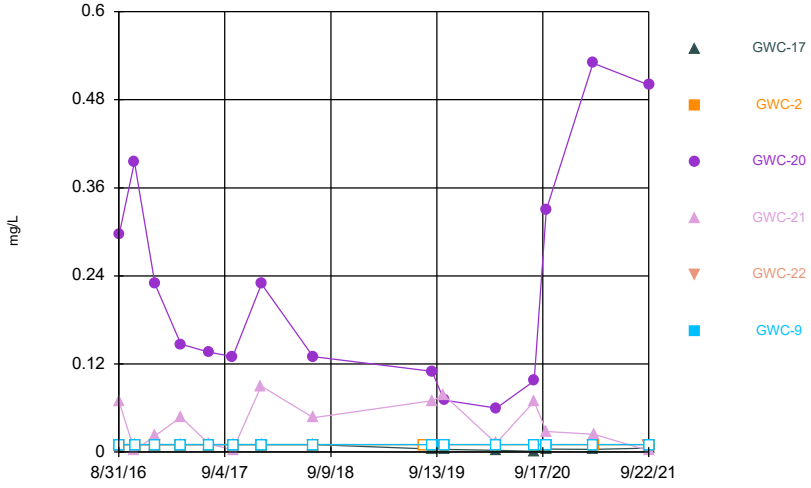
Time Series



Constituent: Molybdenum Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

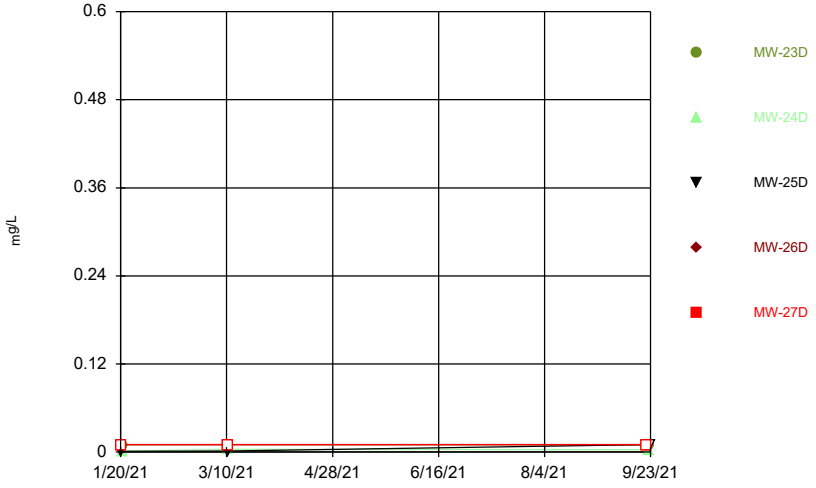
Time Series



Constituent: Molybdenum Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

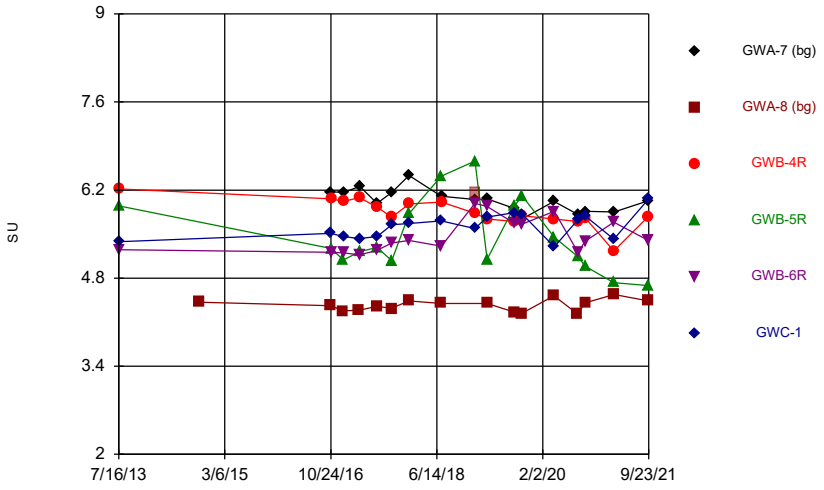
Time Series



Constituent: Molybdenum Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Time Series

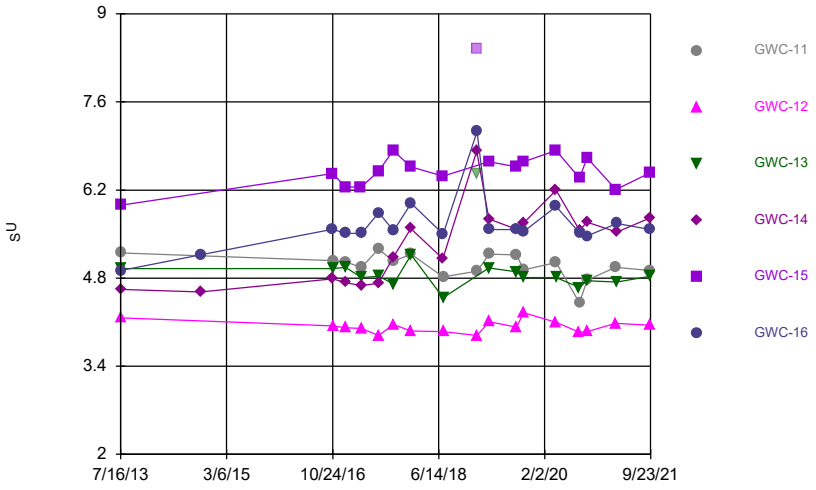


Constituent: pH Analysis Run 11/21/2021 9:33 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Time Series

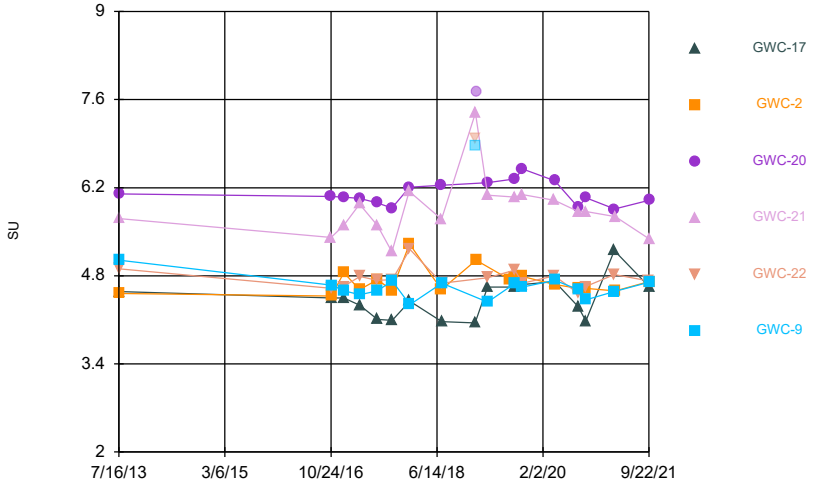


Constituent: pH Analysis Run 11/21/2021 9:33 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Time Series

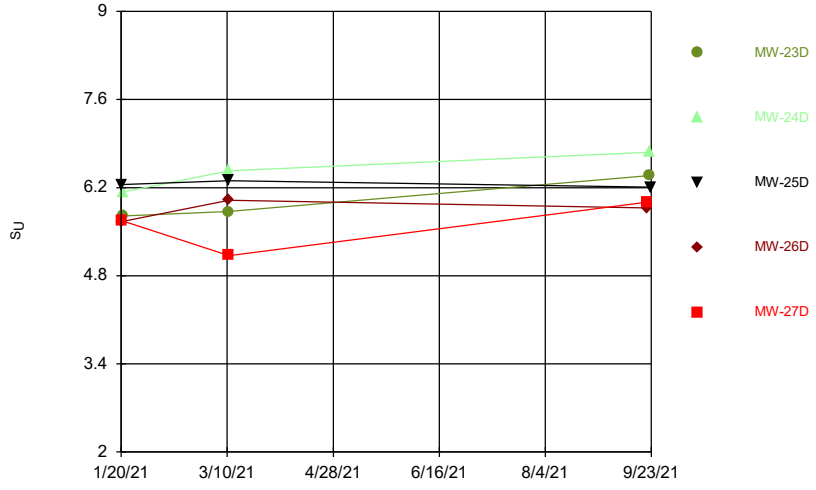


Constituent: pH Analysis Run 11/21/2021 9:33 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Time Series

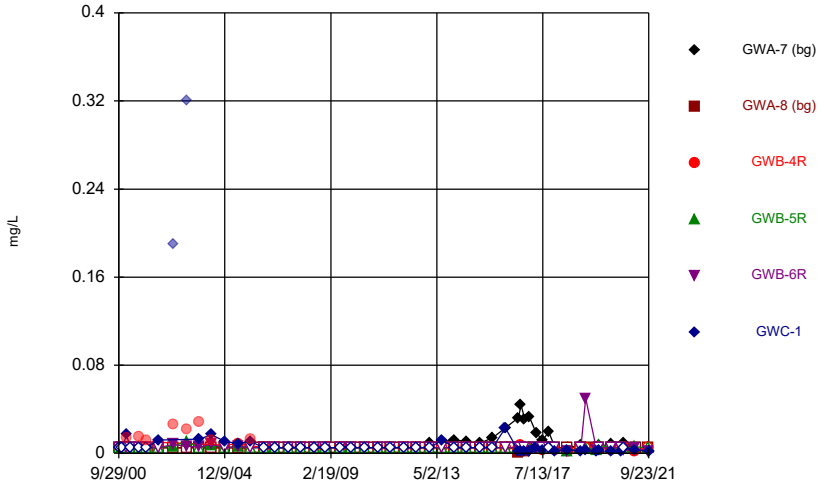


Constituent: pH Analysis Run 11/21/2021 9:33 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

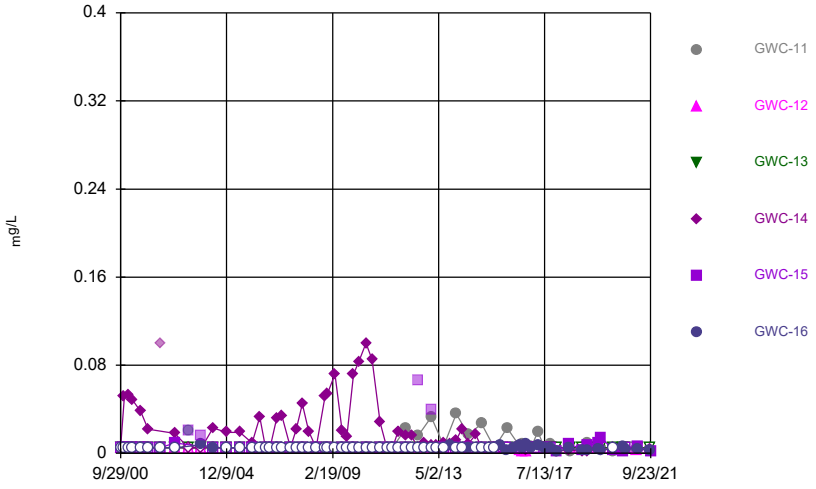
Time Series



Constituent: Selenium Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

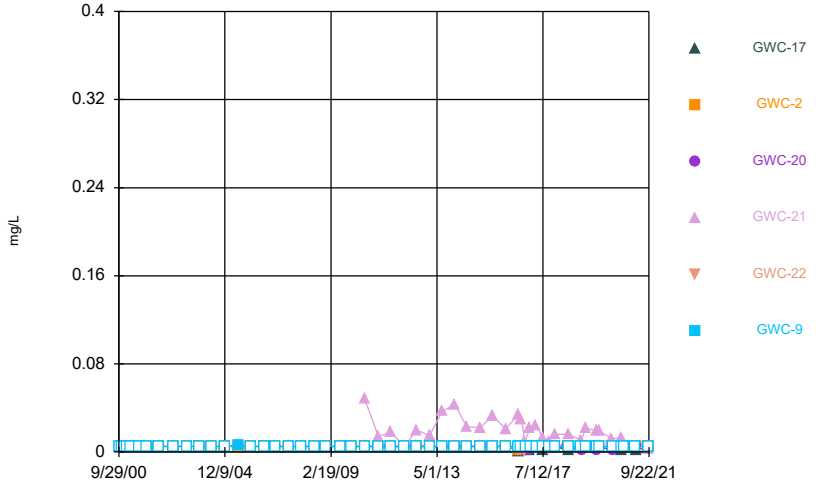
Time Series



Constituent: Selenium Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

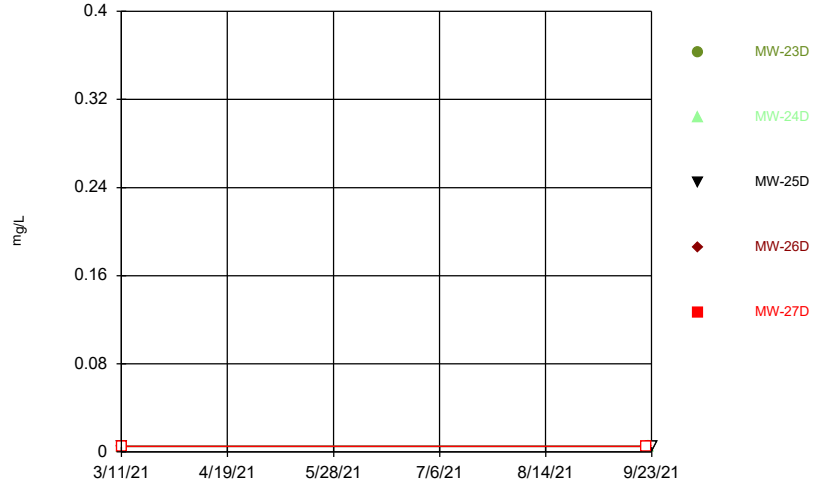
Time Series



Constituent: Selenium Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

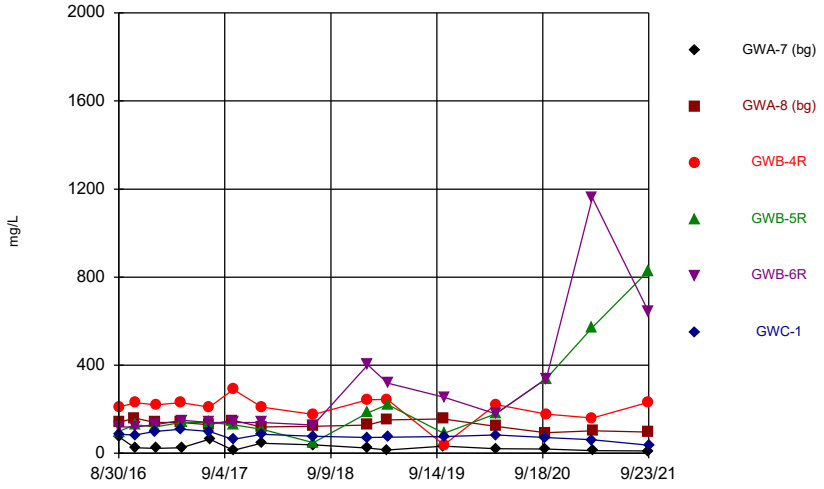
Time Series



Constituent: Selenium Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

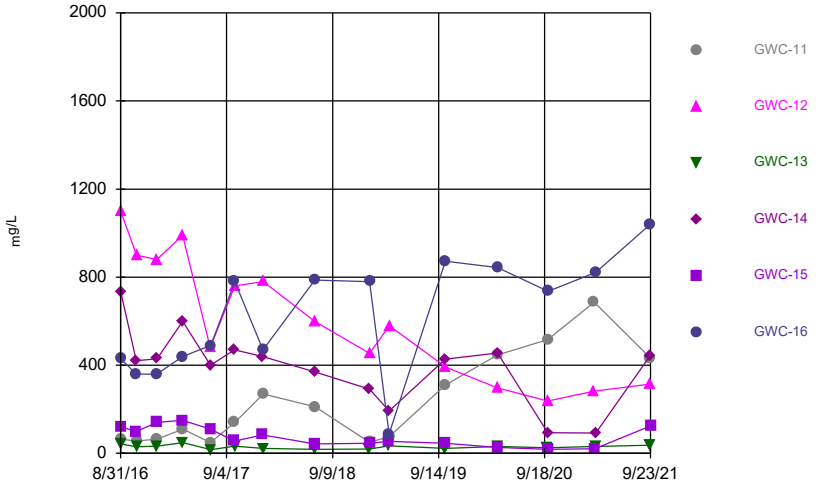
Time Series



Constituent: Sulfate Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

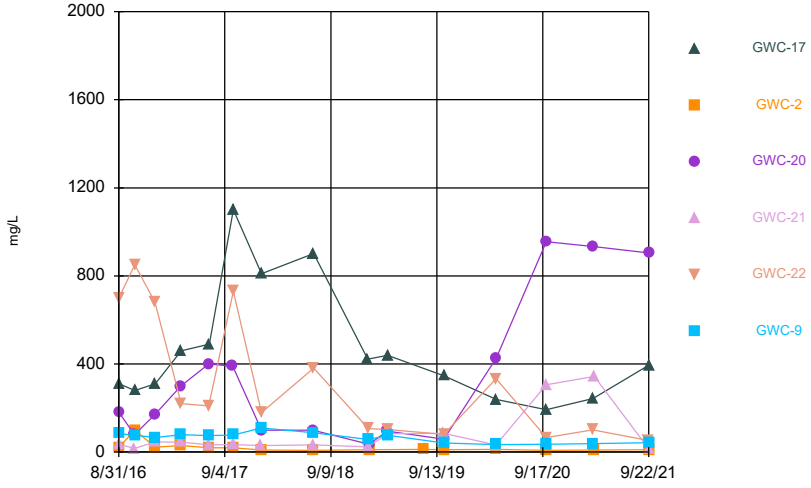
Time Series



Constituent: Sulfate Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

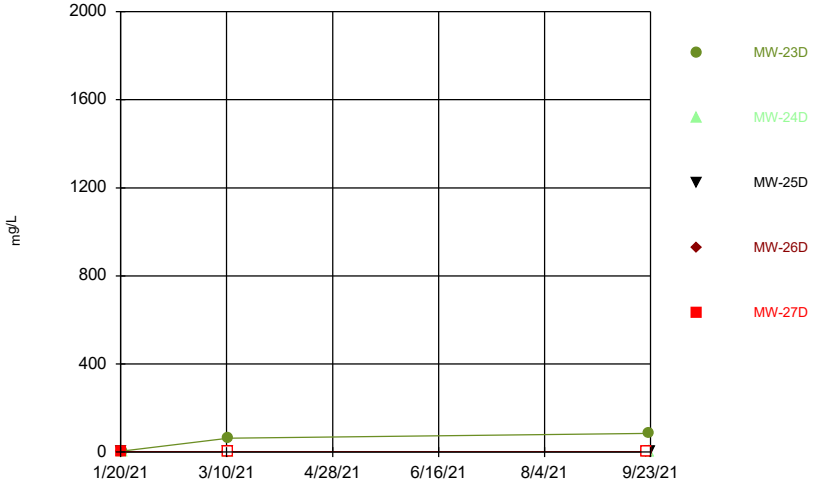
Time Series



Constituent: Sulfate Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

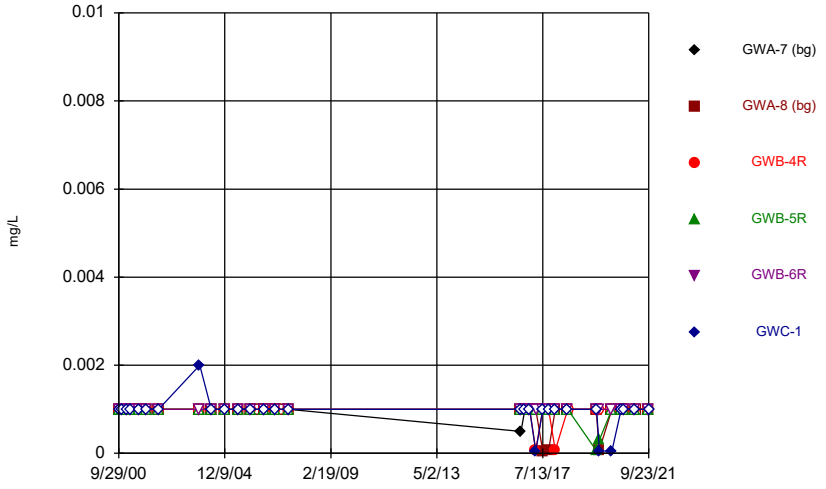
Time Series



Constituent: Sulfate Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

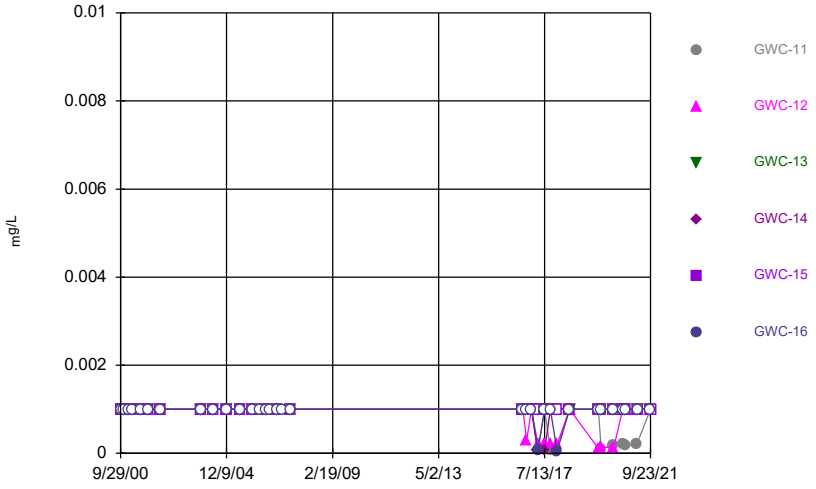
Time Series



Constituent: Thallium Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

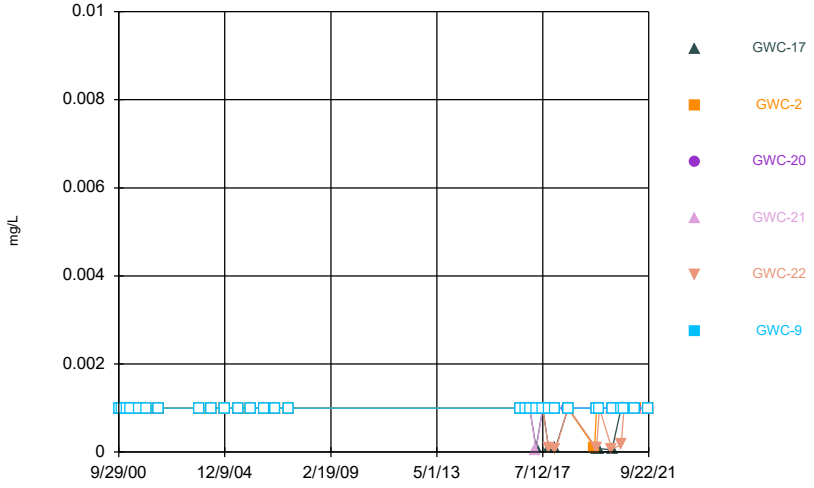
Time Series



Constituent: Thallium Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

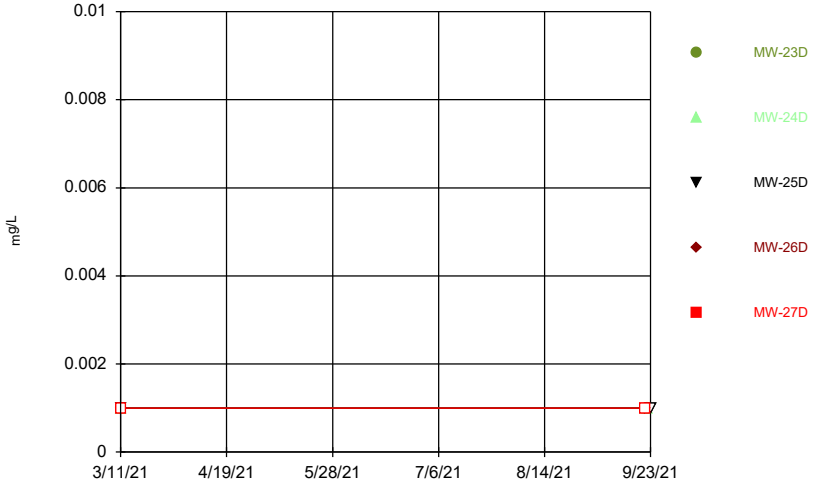
Time Series



Constituent: Thallium Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

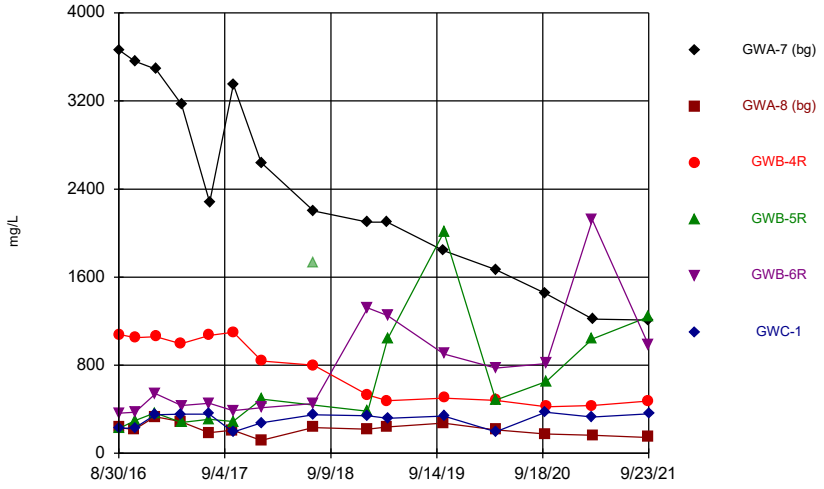
Time Series



Constituent: Thallium Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Time Series



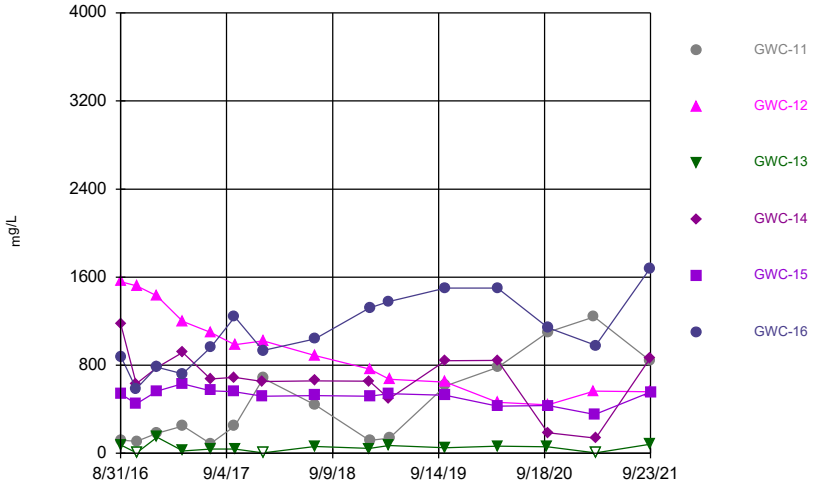
Constituent: Total Dissolved Solids Analysis Run 11/21/2021 9:33 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Time Series



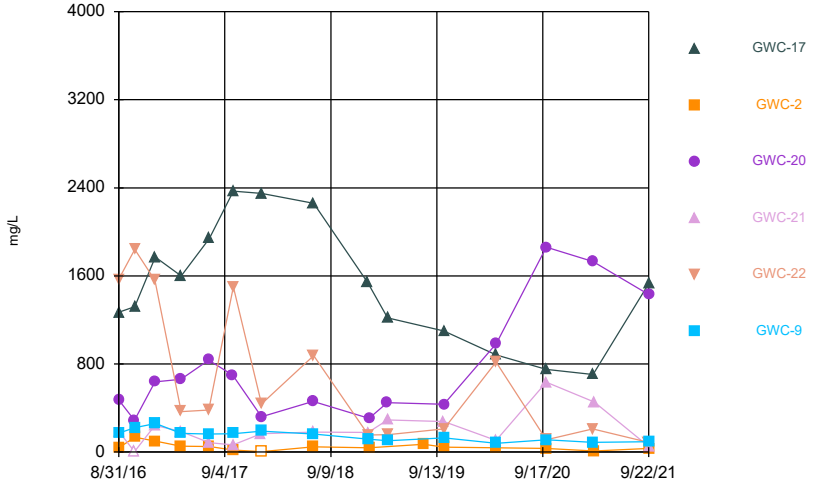
Constituent: Total Dissolved Solids Analysis Run 11/21/2021 9:33 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Time Series

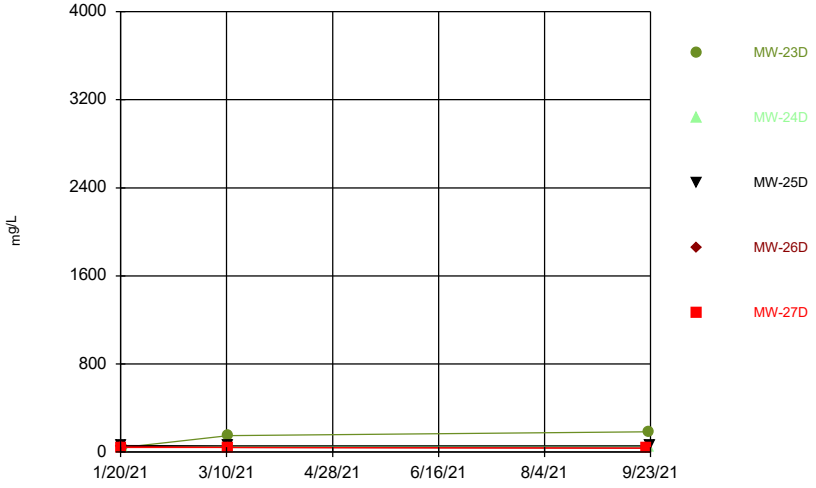


Constituent: Total Dissolved Solids Analysis Run 11/21/2021 9:33 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Time Series

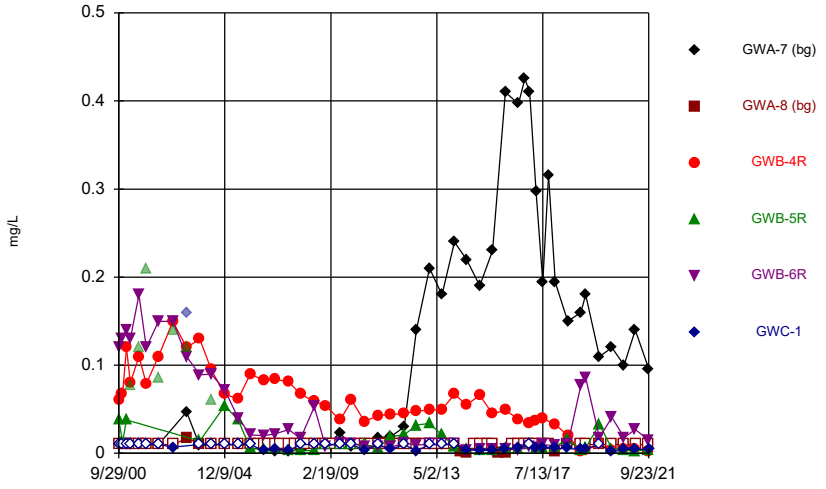


Constituent: Total Dissolved Solids Analysis Run 11/21/2021 9:33 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

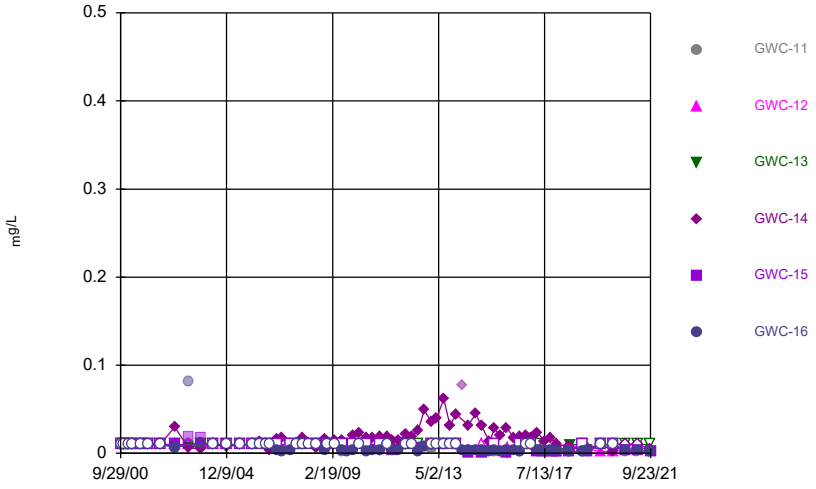
Time Series



Constituent: Vanadium Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

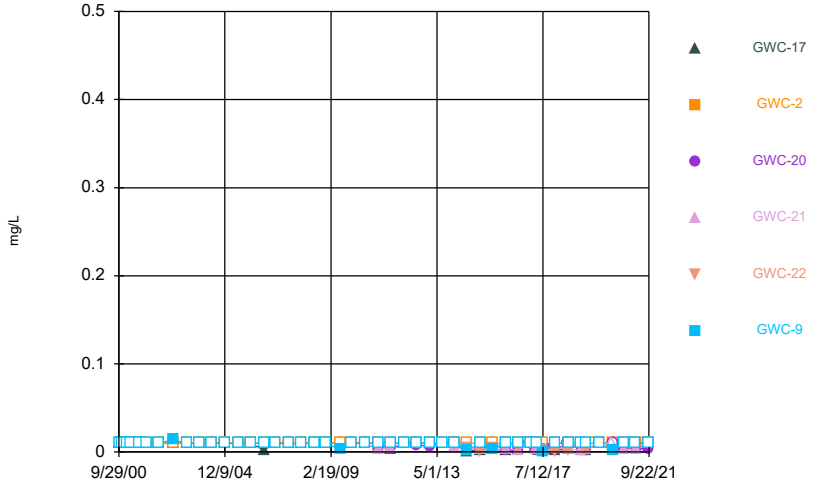
Time Series



Constituent: Vanadium Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

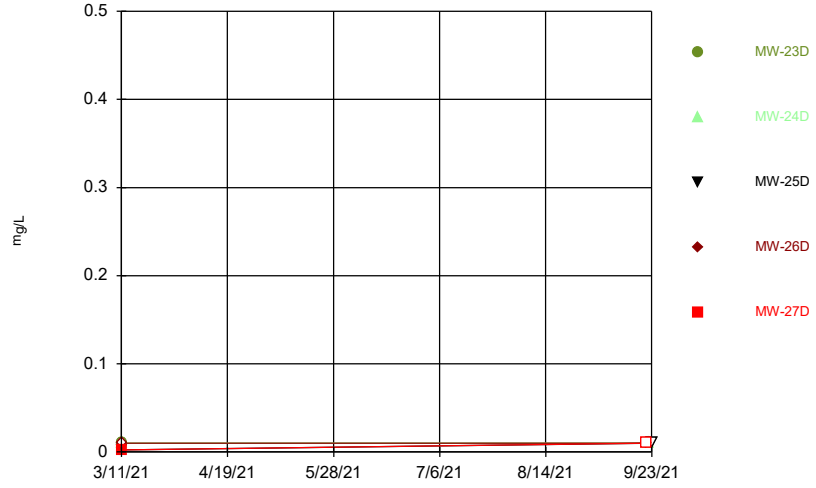
Time Series



Constituent: Vanadium Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

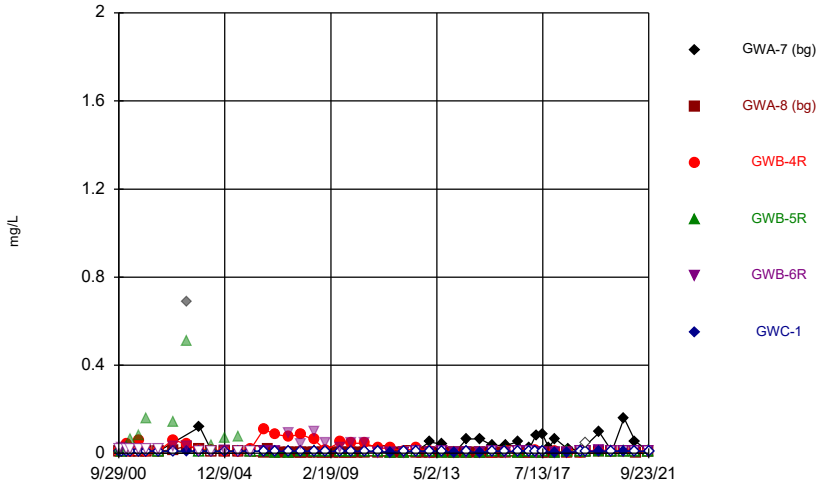
Time Series



Constituent: Vanadium Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

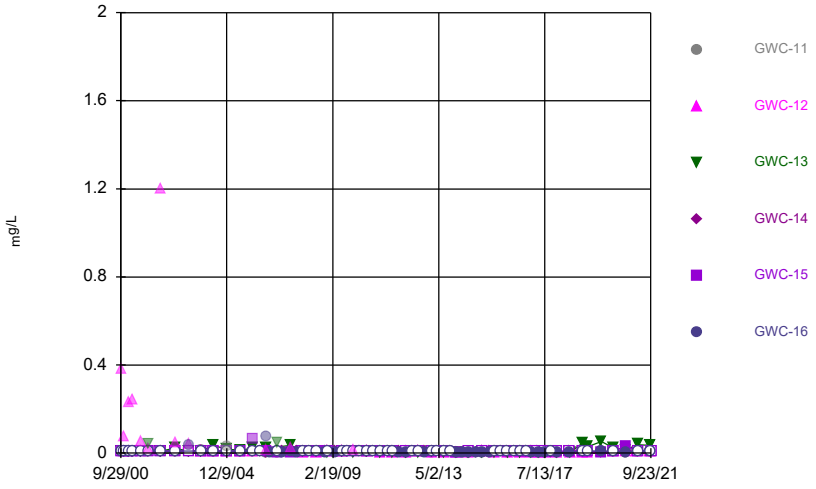
Time Series



Constituent: Zinc Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

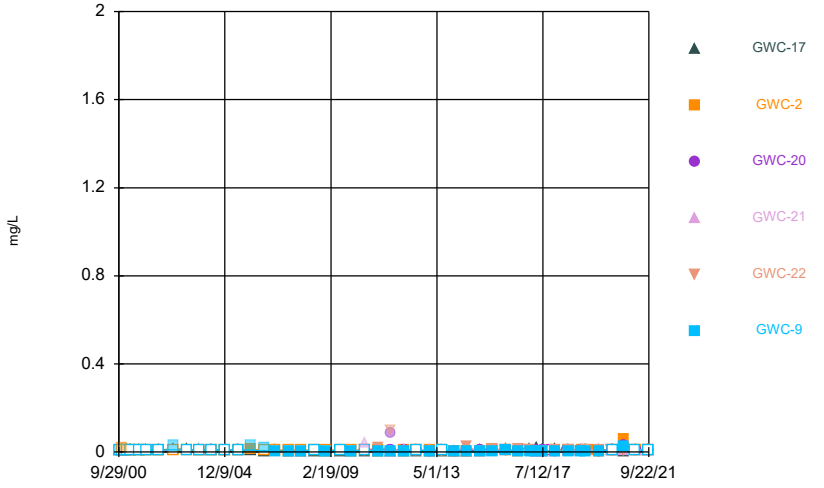
Time Series



Constituent: Zinc Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

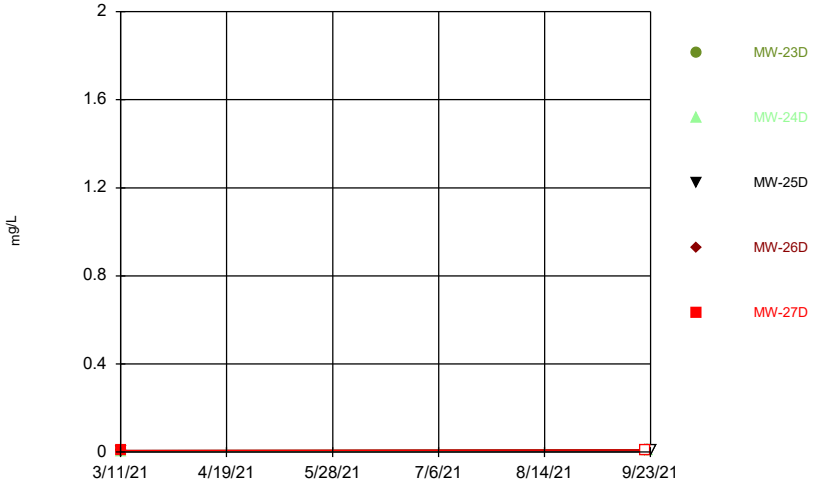
Time Series



Constituent: Zinc Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

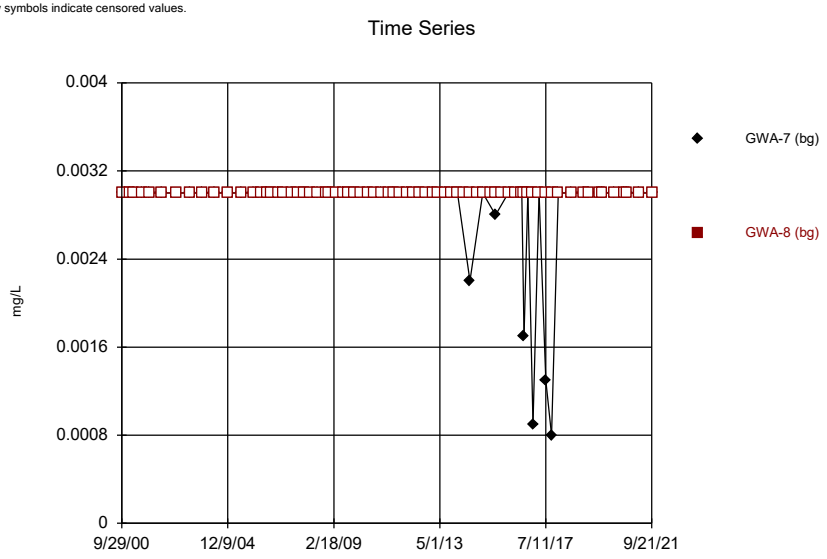
Time Series



Constituent: Zinc Analysis Run 11/21/2021 9:33 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

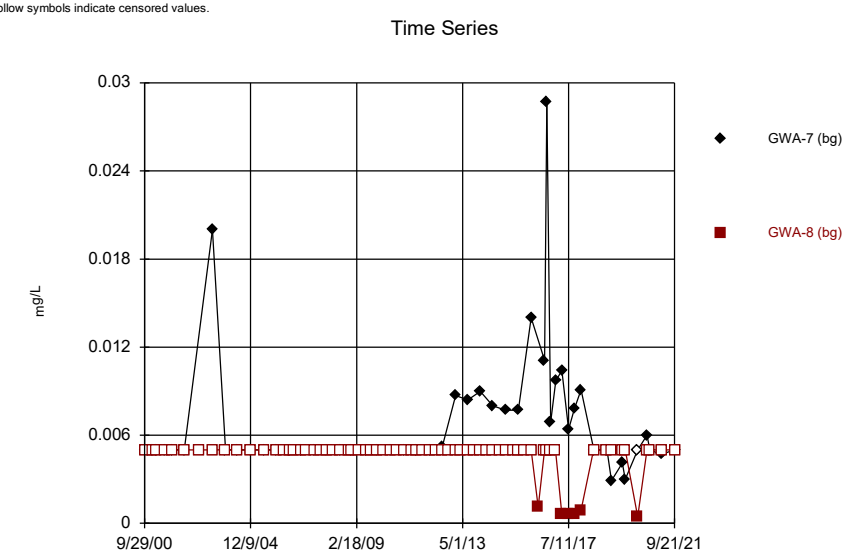
UPGRADIENT WELLS

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



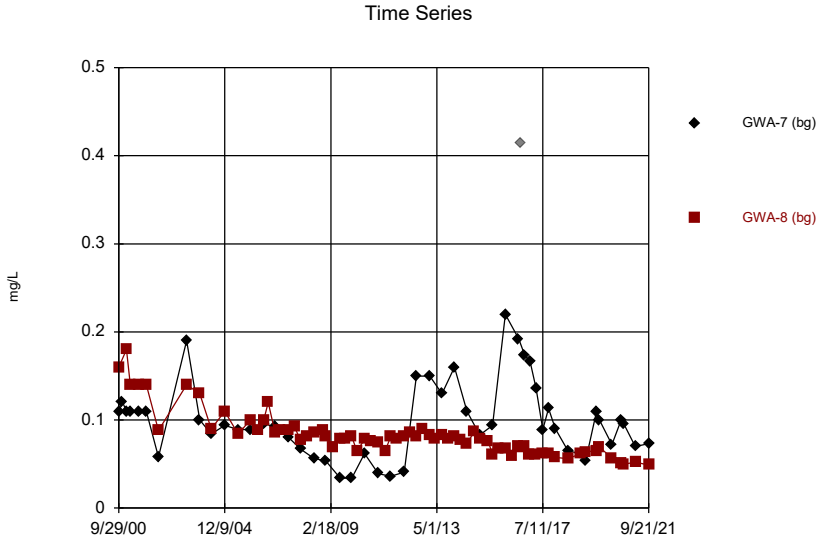
Constituent: Antimony Analysis Run 11/21/2021 11:13 AM View: Time Series - Upgradient Wells
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



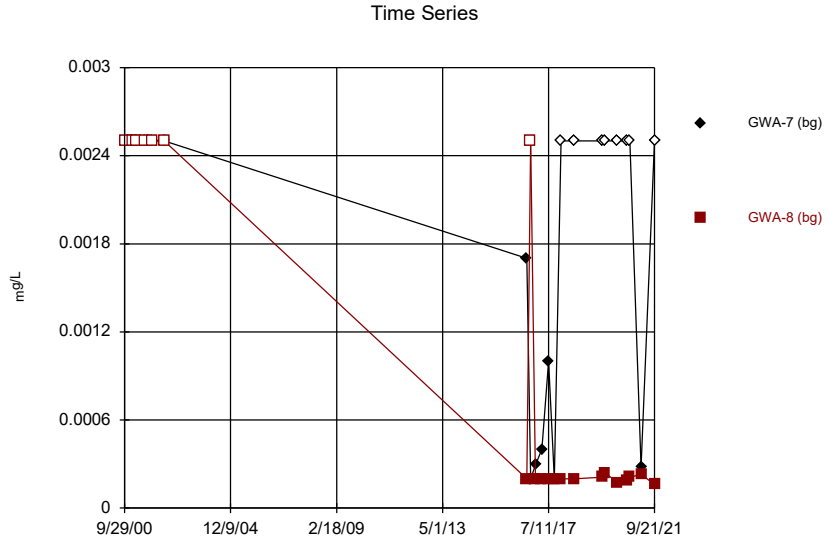
Constituent: Arsenic Analysis Run 11/21/2021 11:13 AM View: Time Series - Upgradient Wells
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG



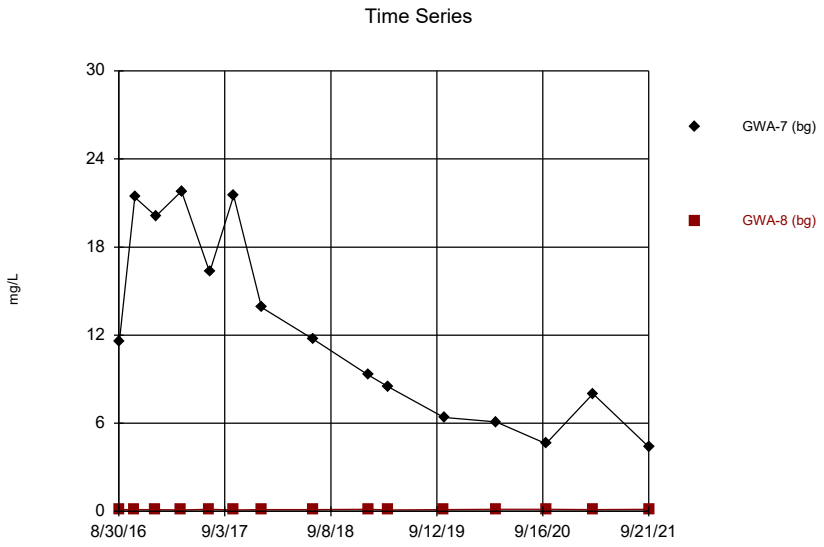
Constituent: Barium Analysis Run 11/21/2021 11:13 AM View: Time Series - Upgradient Wells
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



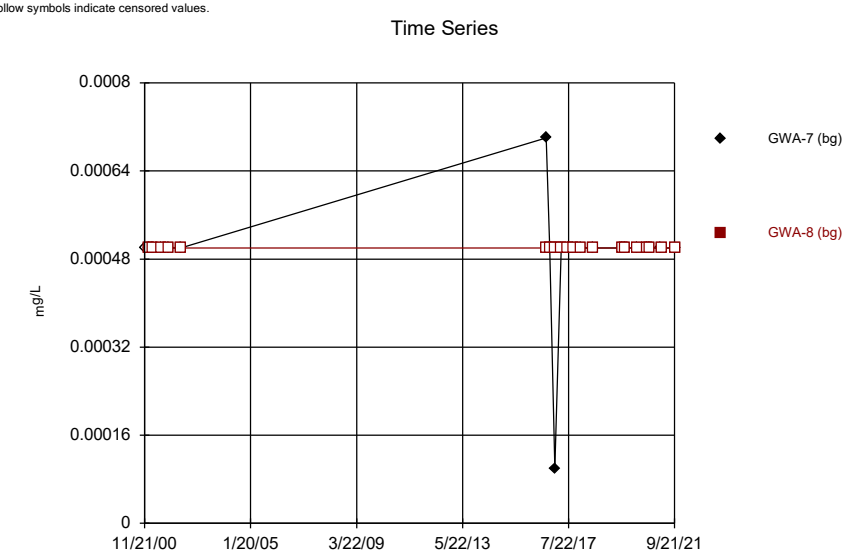
Constituent: Beryllium Analysis Run 11/21/2021 11:13 AM View: Time Series - Upgradient Wells
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG



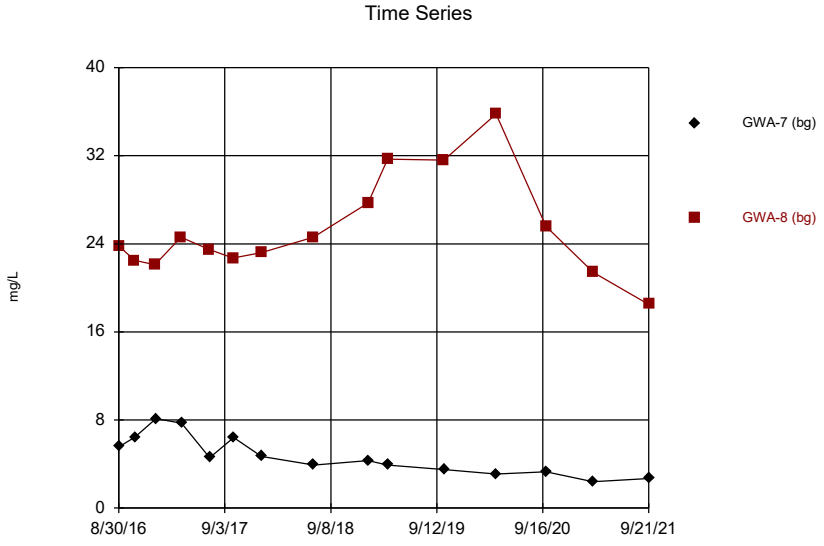
Constituent: Boron Analysis Run 11/21/2021 11:13 AM View: Time Series - Upgradient Wells
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



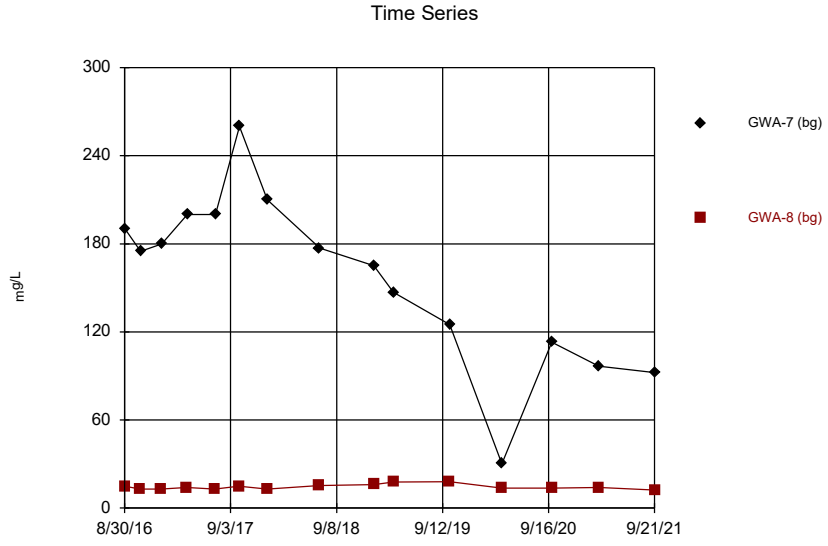
Constituent: Cadmium Analysis Run 11/21/2021 11:13 AM View: Time Series - Upgradient Wells
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG



Constituent: Calcium Analysis Run 11/21/2021 11:13 AM View: Time Series - Upgradient Wells
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

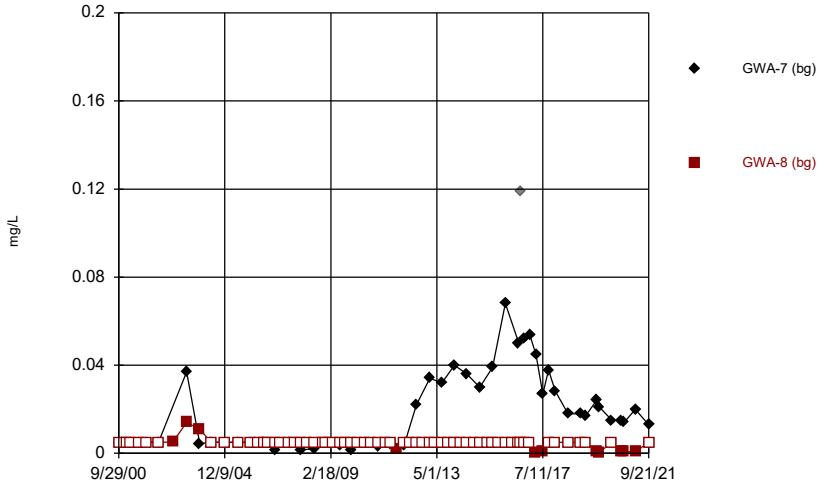
Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG



Constituent: Chloride Analysis Run 11/21/2021 11:13 AM View: Time Series - Upgradient Wells
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

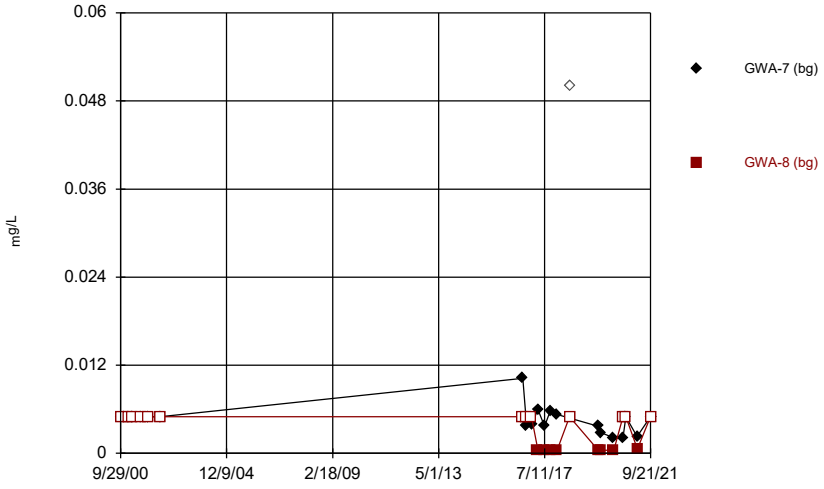
Time Series



Constituent: Chromium Analysis Run 11/21/2021 11:13 AM View: Time Series - Upgradient Wells
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

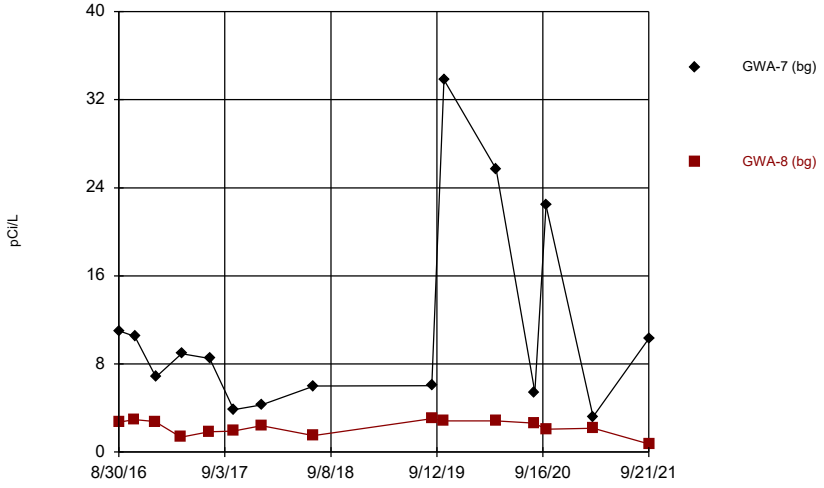
Time Series



Constituent: Cobalt Analysis Run 11/21/2021 11:13 AM View: Time Series - Upgradient Wells
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

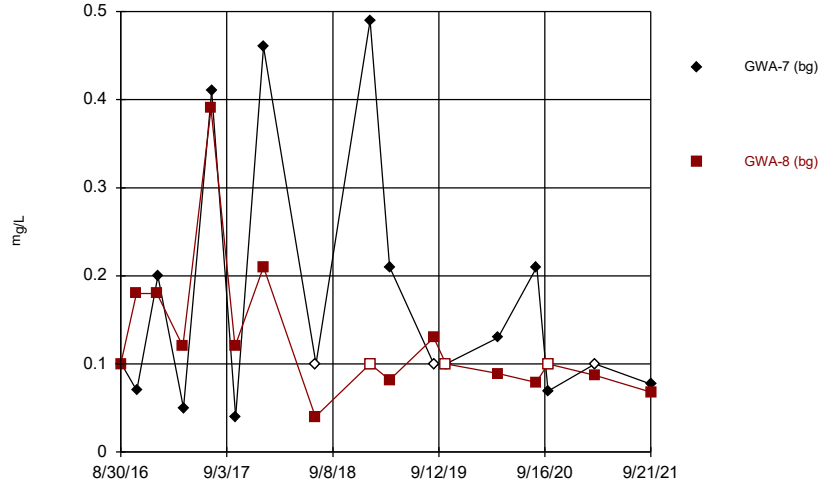
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 11/21/2021 11:13 AM View: Time Series - Upgra
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

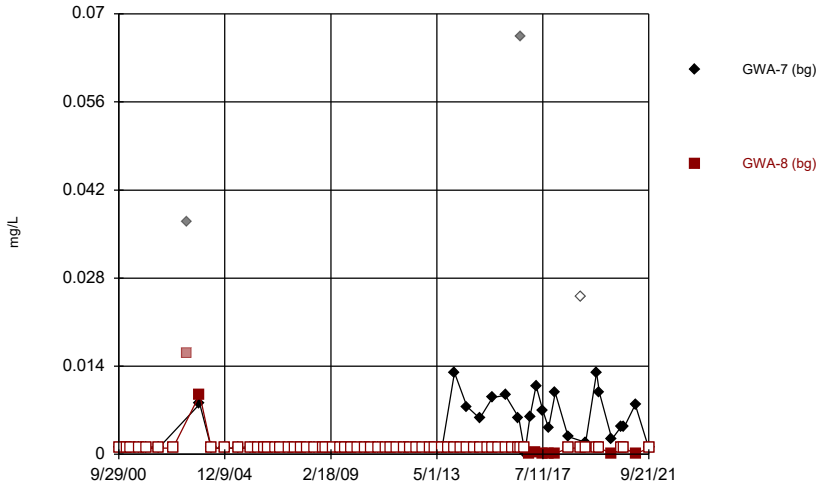
Time Series



Constituent: Fluoride Analysis Run 11/21/2021 11:13 AM View: Time Series - Upgradient Wells
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

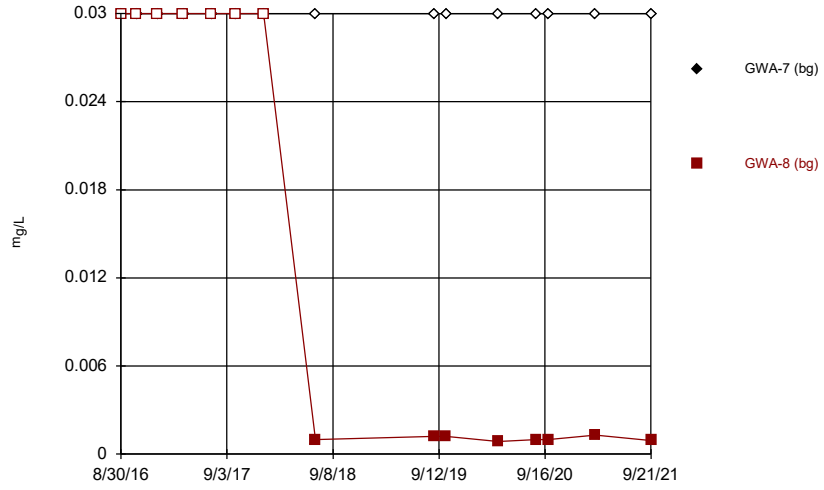
Time Series



Constituent: Lead Analysis Run 11/21/2021 11:13 AM View: Time Series - Upgradient Wells
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

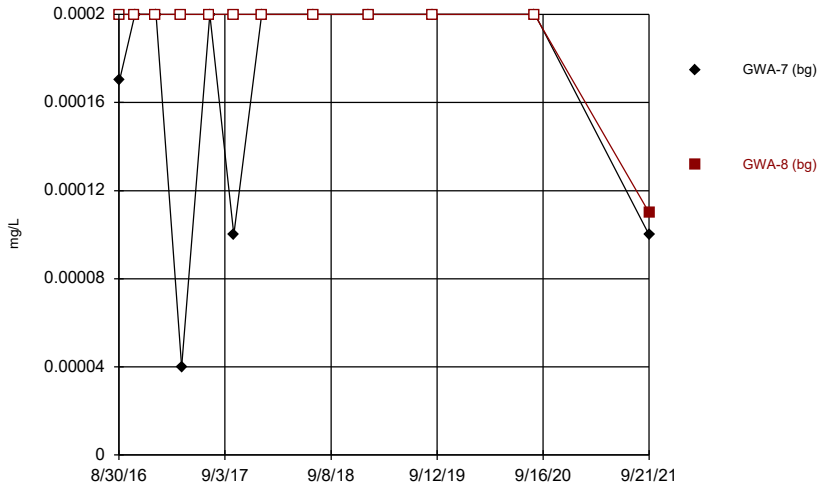
Time Series



Constituent: Lithium Analysis Run 11/21/2021 11:13 AM View: Time Series - Upgradient Wells
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

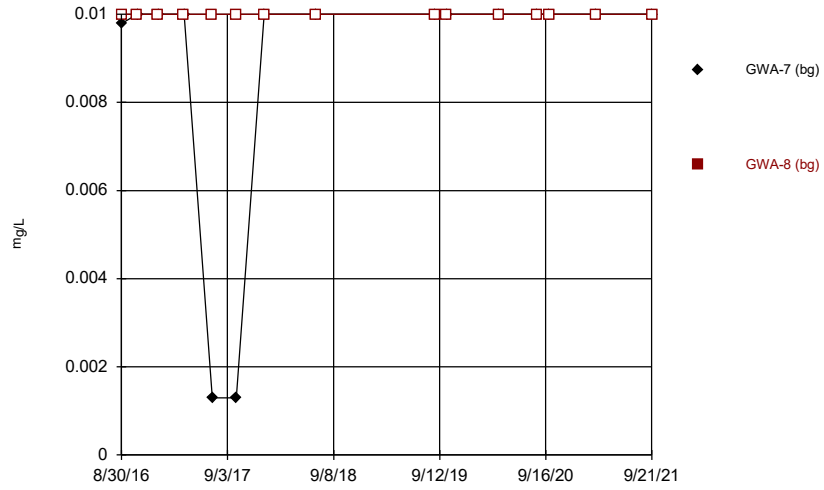
Time Series



Constituent: Mercury Analysis Run 11/21/2021 11:13 AM View: Time Series - Upgradient Wells
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

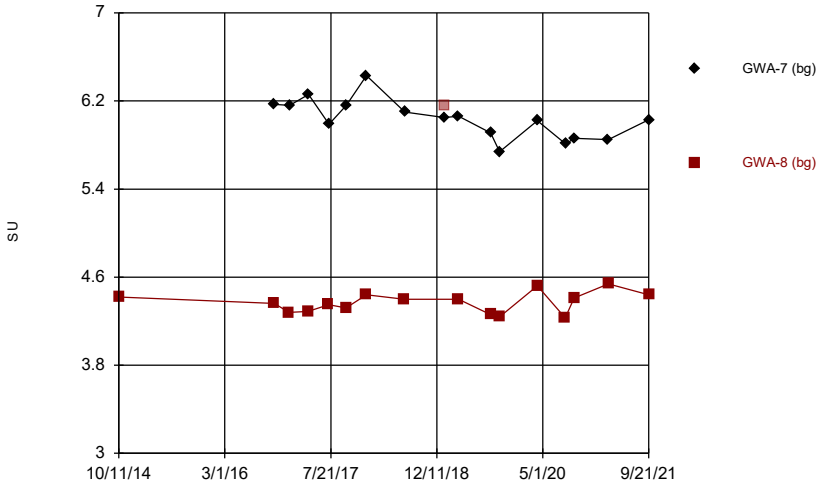
Time Series



Constituent: Molybdenum Analysis Run 11/21/2021 11:13 AM View: Time Series - Upgradient Wells
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

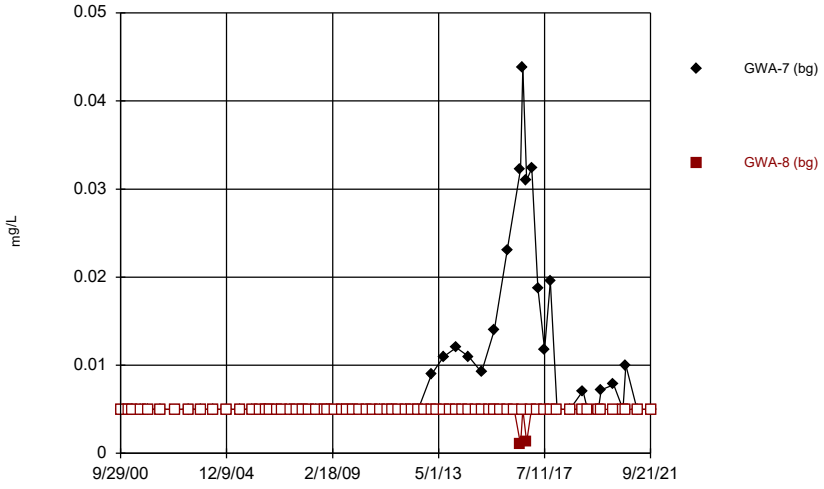
Time Series



Constituent: pH Analysis Run 11/21/2021 11:13 AM View: Time Series - Upgradient Wells
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

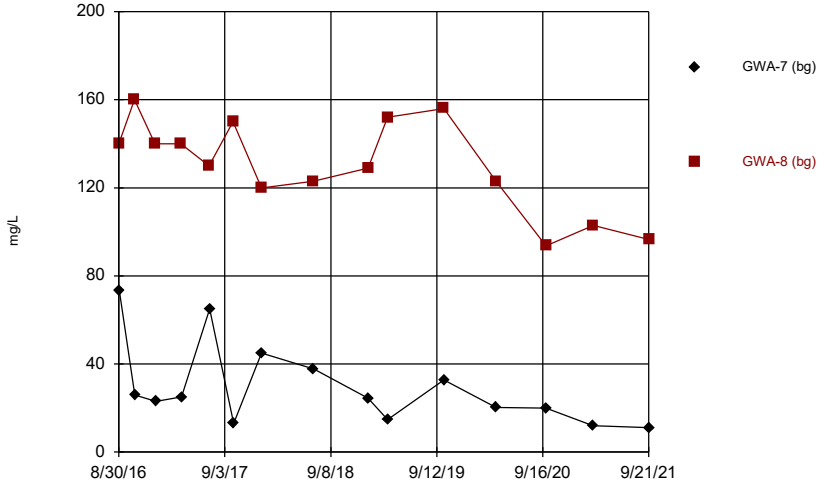
Time Series



Constituent: Selenium Analysis Run 11/21/2021 11:13 AM View: Time Series - Upgradient Wells
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

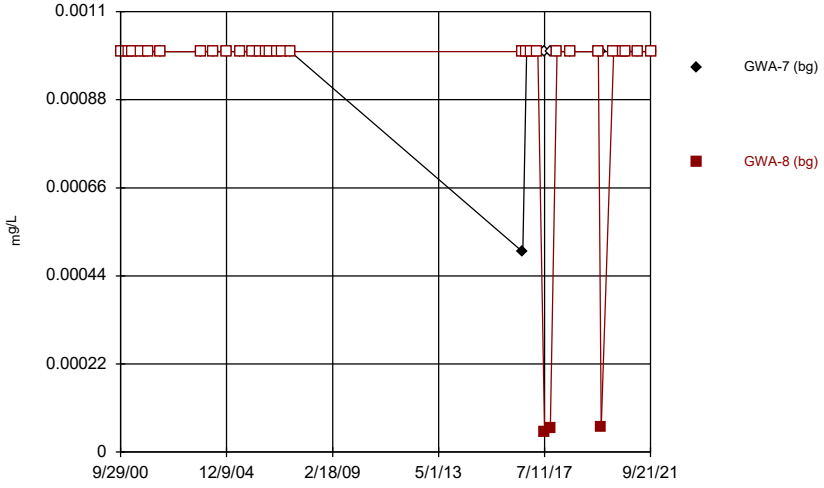
Time Series



Constituent: Sulfate Analysis Run 11/21/2021 11:13 AM View: Time Series - Upgradient Wells
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

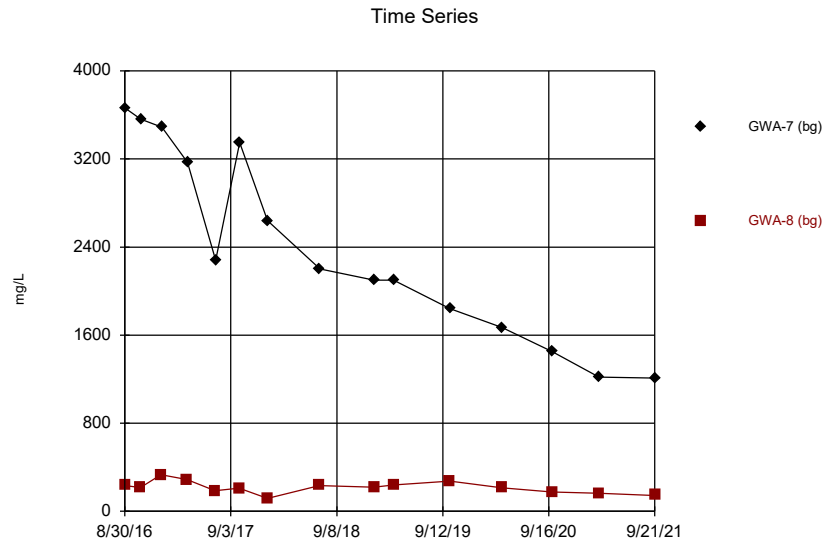
Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



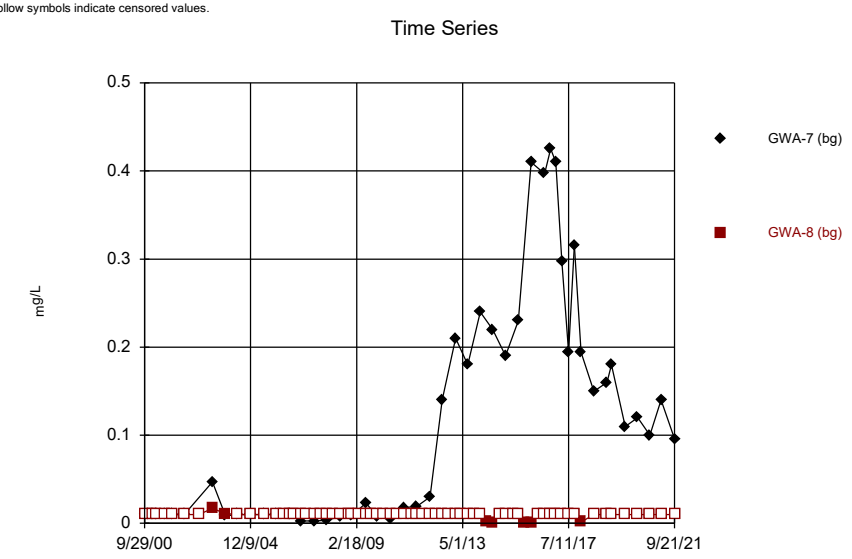
Constituent: Thallium Analysis Run 11/21/2021 11:13 AM View: Time Series - Upgradient Wells
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG



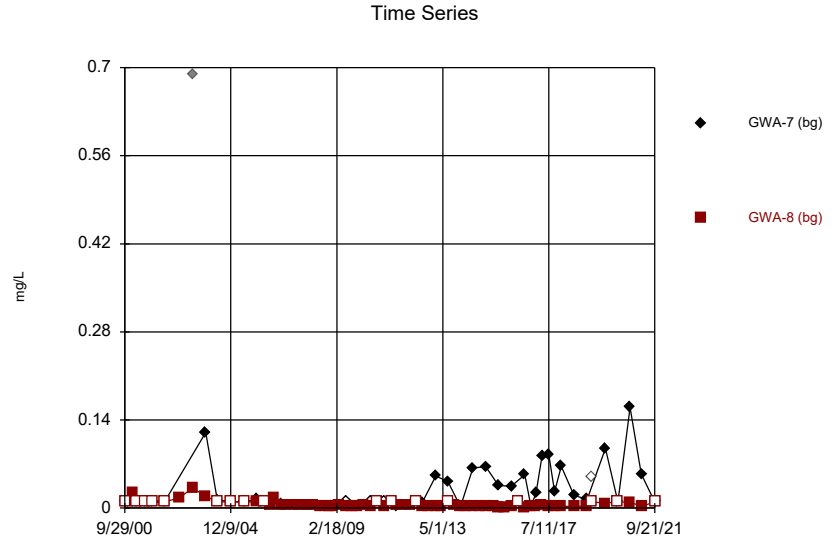
Constituent: Total Dissolved Solids Analysis Run 11/21/2021 11:13 AM View: Time Series - Upgradient W
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Vanadium Analysis Run 11/21/2021 11:13 AM View: Time Series - Upgradient Wells
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Zinc Analysis Run 11/21/2021 11:13 AM View: Time Series - Upgradient Wells
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Time Series

Constituent: Antimony (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
9/29/2000	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
11/21/2000	<0.003		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
1/20/2001	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
3/14/2001	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
7/16/2001	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
11/1/2001	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
4/25/2002	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
11/20/2002		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
6/6/2003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
12/12/2003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
5/26/2004	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
12/7/2004	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
6/21/2005	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
12/12/2005	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
4/4/2006		<0.003							
6/27/2006	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
8/30/2006		<0.003							
12/4/2006	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
2/15/2007		<0.003							
6/23/2007	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
9/11/2007		<0.003							
12/11/2007	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
3/11/2008		<0.003							
6/23/2008	<0.003	<0.003					<0.003	<0.003	<0.003
6/24/2008			<0.003	<0.003	<0.003	<0.003			
11/3/2008		<0.003							
12/4/2008	<0.003	<0.003					<0.003	<0.003	<0.003
12/5/2008			<0.003	<0.003	<0.003	<0.003			
3/25/2009		<0.003							
7/7/2009	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
7/8/2009							<0.003	<0.003	<0.003
9/14/2009		<0.003							
12/20/2009	<0.003	<0.003				<0.003			
12/21/2009			<0.003	<0.003	<0.003		<0.003	<0.003	<0.003
3/4/2010		<0.003							
6/20/2010	<0.003	<0.003		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
6/21/2010			<0.003						
9/14/2010		<0.003							
1/6/2011				<0.003		<0.003	<0.003		<0.003
1/7/2011	<0.003	<0.003	<0.003		<0.003			<0.003	
4/15/2011		<0.003							
7/7/2011	<0.003	<0.003		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
7/8/2011			<0.003						
9/25/2011		<0.003							
1/17/2012	<0.003	<0.003		<0.003		<0.003	<0.003	<0.003	<0.003
1/18/2012			<0.003		<0.003				
4/4/2012		<0.003							
7/9/2012	<0.003			<0.003		<0.003	<0.003	<0.003	<0.003
7/10/2012		<0.003	<0.003		<0.003				
10/9/2012		<0.003							
1/17/2013				<0.003		<0.003	<0.003	<0.003	<0.003
1/18/2013	<0.003	<0.003	<0.003		<0.003				

Time Series

Constituent: Antimony (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
4/5/2013		<0.003							
7/16/2013				<0.003		<0.003	<0.003	<0.003	<0.003
7/17/2013	<0.003	<0.003	<0.003		<0.003				
10/11/2013		<0.003							
1/13/2014	<0.003			<0.003		<0.003	<0.003	<0.003	<0.003
1/14/2014		<0.003	<0.003		<0.003				
4/3/2014		<0.003							
7/8/2014							<0.003	<0.003	<0.003
7/9/2014	0.0022 (J)	<0.003	0.002 (J)	<0.003	<0.003	<0.003			
10/24/2014		<0.003							
1/12/2015			<0.003						
1/13/2015	<0.003			<0.003		<0.003	<0.003	<0.003	<0.003
1/14/2015		<0.003			<0.003				
5/10/2015		<0.003							
7/16/2015	0.0028 (J)		0.0021 (J)	<0.003		<0.003	<0.003	<0.003	<0.003
7/17/2015		<0.003			<0.003				
10/6/2015		<0.003							
1/17/2016						<0.003			
1/18/2016	<0.003	<0.003	<0.003	<0.003	<0.003			<0.003	<0.003
1/19/2016							<0.003		
4/26/2016		<0.003							
7/26/2016							0.0005 (J)		0.0006 (J)
7/27/2016	<0.003			<0.003		<0.003		<0.003	
7/28/2016		<0.003			<0.003				
7/29/2016			0.0003 (J)						
8/30/2016		<0.003		<0.003	<0.003	<0.003			
8/31/2016							<0.003	<0.003	<0.003
9/1/2016	0.0017 (J)		<0.003						
10/24/2016		<0.003							
10/25/2016	<0.003					<0.003			
10/26/2016			<0.003	<0.003	<0.003		<0.003	<0.003	<0.003
1/3/2017		<0.003		<0.003					
1/4/2017						<0.003	<0.003	<0.003	
1/5/2017					<0.003				<0.003
1/6/2017	0.0009 (J)		<0.003						
4/3/2017		<0.003							
4/4/2017			<0.003			<0.003			
4/5/2017								<0.003	
4/6/2017	<0.003			<0.003	<0.003		0.0006 (J)		<0.003
7/10/2017								<0.003	
7/11/2017		<0.003					0.0009 (J)		
7/12/2017			<0.003	<0.003	<0.003	<0.003			<0.003
7/13/2017	0.0013 (J)								
10/2/2017		<0.003							
10/3/2017				<0.003	<0.003	<0.003	<0.003		
10/4/2017	0.0008 (J)		<0.003					<0.003	<0.003
1/9/2018	<0.003	<0.003			<0.003				
1/10/2018				<0.003		<0.003			<0.003
1/11/2018			<0.003				0.0007 (J)	<0.003	
7/9/2018		<0.003							
7/10/2018				<0.003	<0.003	<0.003			
7/11/2018	<0.003		<0.003				<0.003	<0.003	<0.003

Time Series

Constituent: Antimony (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
1/16/2019	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			<0.003
1/17/2019							<0.003	<0.003	
3/25/2019	<0.003	<0.003	<0.003						
3/26/2019				<0.003	<0.003	<0.003			<0.003
3/27/2019							<0.003	<0.003	
8/26/2019	<0.003	<0.003							
8/27/2019			<0.003		<0.003	<0.003	0.00033 (J)	<0.003	<0.003
8/28/2019				0.00054 (J)					
10/7/2019		<0.003							
10/8/2019	<0.003						0.00046 (J)		<0.003
10/9/2019			<0.003	<0.003	<0.003	<0.003		<0.003	
4/6/2020	<0.003	<0.003							
4/7/2020			<0.003	<0.003	<0.003	<0.003	0.00066 (J)	<0.003	
4/8/2020									<0.003
8/17/2020		<0.003						<0.003	<0.003
8/18/2020							0.00064 (J)		
8/19/2020	<0.003		<0.003	<0.003	<0.003	0.00061 (J)			
9/28/2020	<0.003	<0.003				0.00035 (J)			<0.003
9/29/2020							0.00051 (J)	<0.003	
9/30/2020				0.0003 (J)	0.00059 (J)				
10/1/2020			<0.003						
3/10/2021			<0.003	<0.003	0.00029 (J)	0.00069 (J)	0.00076 (J)	0.0003 (J)	
3/11/2021	<0.003								
3/12/2021		<0.003							
3/15/2021									<0.003
9/21/2021	<0.003	<0.003	<0.003	0.0013 (J)	<0.003		<0.003	<0.003	<0.003
9/23/2021						0.0016 (J)			

Time Series

Constituent: Antimony (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
9/29/2000	<0.003	<0.003	<0.003	<0.003					<0.003
11/21/2000	<0.003	<0.003	<0.003	<0.003	<0.003				<0.003
1/20/2001	<0.003	<0.003	<0.003	<0.003	<0.003				<0.003
3/14/2001	<0.003	<0.003	<0.003	<0.003	<0.003				<0.003
7/16/2001	<0.003	<0.003	<0.003	<0.003	<0.003				<0.003
11/1/2001	<0.003	<0.003	<0.003	<0.003	<0.003				<0.003
4/25/2002	<0.003	<0.003	<0.003	<0.003	<0.003				<0.003
11/20/2002	<0.003	<0.003	<0.003	<0.003	<0.003				<0.003
6/6/2003	<0.003	<0.003	<0.003	<0.003	<0.003				<0.003
12/12/2003	<0.003	<0.003	<0.003	<0.003	<0.003				<0.003
5/26/2004	<0.003	<0.003	<0.003	<0.003	<0.003				<0.003
12/7/2004	<0.003	<0.003	<0.003	<0.003	<0.003				<0.003
6/21/2005	<0.003	<0.003	<0.003	<0.003	<0.003				<0.003
12/12/2005	<0.003	<0.003	<0.003	<0.003	<0.003				<0.003
4/4/2006	<0.003		<0.003						
6/27/2006	<0.003	<0.003	<0.003	<0.003	<0.003				<0.003
8/30/2006	<0.003		<0.003						
12/4/2006	<0.003	<0.003	0.006	<0.003	<0.003				<0.003
2/15/2007	<0.003		<0.003						
6/23/2007	<0.003	<0.003	<0.003	<0.003	<0.003				<0.003
9/11/2007	<0.003		<0.003						
12/11/2007	<0.003	<0.003	<0.003	<0.003	<0.003				<0.003
3/11/2008	<0.003		<0.003						
6/23/2008									<0.003
6/24/2008	<0.003	<0.003	<0.003	<0.003	<0.003				
11/3/2008	<0.003		<0.003						
12/4/2008	<0.003				<0.003				<0.003
12/5/2008		<0.003	<0.003	<0.003					
3/25/2009	<0.003		<0.003						
7/8/2009	<0.003	<0.003	<0.003	<0.003	<0.003				<0.003
9/14/2009	<0.003		<0.003						
12/20/2009	<0.003	<0.003	<0.003		<0.003				
12/21/2009				<0.003					<0.003
3/4/2010	<0.003		<0.003						
6/20/2010	<0.003	<0.003			<0.003				<0.003
6/21/2010			<0.003	<0.003		<0.003	<0.003	<0.003	
9/14/2010	<0.003		<0.003						
1/6/2011					<0.003				
1/7/2011	<0.003	<0.003	<0.003	<0.003		<0.003	<0.003	<0.003	<0.003
4/15/2011	<0.003		<0.003						
7/7/2011	<0.003	<0.003	<0.003			<0.003			
7/8/2011				<0.003		<0.003	<0.003	<0.003	<0.003
9/25/2011	<0.003		<0.003						
1/17/2012	<0.003	<0.003			<0.003				
1/18/2012			<0.003	<0.003		<0.003	<0.003	<0.003	<0.003
4/4/2012	<0.003		<0.003						
7/9/2012	<0.003	<0.003			<0.003				
7/10/2012			<0.003	<0.003		<0.003	<0.003	<0.003	<0.003
10/9/2012	<0.003		<0.003						
1/17/2013					<0.003				
1/18/2013	<0.003	<0.003	<0.003	<0.003		<0.003	<0.003	<0.003	<0.003
4/5/2013	<0.003		<0.003						

Time Series

Constituent: Antimony (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
7/17/2013	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
10/11/2013	0.005		<0.003						
1/13/2014		<0.003			<0.003				
1/14/2014	<0.003		<0.003	<0.003		<0.003	<0.003	<0.003	<0.003
4/3/2014	<0.003		<0.003						
7/9/2014	<0.003	<0.003	<0.003	<0.003	<0.003		<0.003		<0.003
7/10/2014						<0.003		<0.003	
10/24/2014	<0.003		<0.003						
1/12/2015						<0.003			
1/13/2015		<0.003			<0.003				
1/14/2015	<0.003		<0.003	<0.003			<0.003	<0.003	<0.003
5/10/2015	<0.003								
5/11/2015			<0.003						
7/16/2015		<0.003	<0.003		<0.003				
7/17/2015	<0.003						<0.003		<0.003
7/18/2015				<0.003		<0.003		<0.003	
10/6/2015	<0.003		<0.003						
1/17/2016	<0.003	<0.003	<0.003		<0.003	<0.003	<0.003		
1/18/2016				<0.003				<0.003	<0.003
4/26/2016	<0.003		<0.003						
7/27/2016	<0.003	<0.003			<0.003				
7/28/2016			<0.003			0.0019 (J)	<0.003		<0.003
7/29/2016				<0.003				<0.003	
8/31/2016					<0.003			<0.003	<0.003
9/1/2016	<0.003	<0.003	<0.003	<0.003		<0.003	<0.003		
10/25/2016	<0.003	<0.003	<0.003			<0.003	<0.003		
10/26/2016				<0.003	<0.003			<0.003	
10/27/2016									0.0016 (J)
1/4/2017			<0.003			<0.003	<0.003	<0.003	
1/5/2017	<0.003	<0.003		<0.003	<0.003				
1/6/2017									<0.003
4/3/2017		<0.003							
4/4/2017	<0.003				<0.003	<0.003	<0.003		
4/5/2017			<0.003	<0.003					
4/6/2017								<0.003	<0.003
7/11/2017	<0.003	<0.003				<0.003		<0.003	
7/12/2017			<0.003						<0.003
7/13/2017				<0.003	<0.003		<0.003		
10/2/2017	<0.003	<0.003				<0.003			
10/3/2017			<0.003		<0.003		<0.003		
10/4/2017				<0.003				<0.003	<0.003
1/9/2018	<0.003	<0.003					<0.003		
1/10/2018			<0.003		<0.003	<0.003			
1/11/2018				<0.003				<0.003	<0.003
7/9/2018	<0.003					<0.003			
7/10/2018		<0.003	<0.003		<0.003		<0.003		
7/11/2018				<0.003				<0.003	<0.003
1/16/2019	<0.003			<0.003					
1/17/2019		<0.003	<0.003				<0.003		
1/18/2019								<0.003	<0.003
1/21/2019					<0.003	<0.003			
3/25/2019						<0.003			

Time Series

Constituent: Antimony (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
3/26/2019	<0.003	<0.003	<0.003	<0.003			<0.003		
3/27/2019								<0.003	<0.003
7/30/2019					<0.003				
8/27/2019	<0.003	<0.003			<0.003			0.00045 (J)	
8/28/2019			<0.003	<0.003		<0.003	<0.003		<0.003
10/8/2019	<0.003	<0.003	<0.003				<0.003		
10/9/2019				<0.003	<0.003	<0.003		<0.003	<0.003
4/7/2020	<0.003	<0.003	<0.003				<0.003	0.00049 (J)	
4/8/2020				<0.003	0.0013 (J)	<0.003			0.00033 (J)
8/18/2020	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	0.0022 (J)	
8/19/2020									<0.003
9/29/2020	<0.003				0.0016 (J)				
9/30/2020		<0.003	<0.003	<0.003		<0.003	0.00033 (J)	0.0016 (J)	
10/1/2020									<0.003
3/10/2021								0.0004 (J)	<0.003
3/11/2021				0.00039 (J)					
3/12/2021		0.0018 (J)				0.00065 (J)			
3/15/2021					<0.003				
3/16/2021	<0.003		<0.003				<0.003		
9/21/2021								<0.003	
9/22/2021	<0.003		<0.003	0.0014 (J)	<0.003	<0.003	<0.003		<0.003
9/23/2021		<0.003							

Time Series

Constituent: Antimony (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
3/11/2021	<0.003	<0.003	<0.003	<0.003	<0.003
9/21/2021				<0.003	<0.003
9/22/2021	<0.003	<0.003			
9/23/2021			<0.003		

Time Series

Constituent: Arsenic (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
9/29/2000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
11/21/2000	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1/20/2001	<0.005	<0.005	0.01	<0.005	0.014	<0.005	<0.005	<0.005	<0.005
3/14/2001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
7/16/2001	<0.005	<0.005	<0.005	0.014	<0.005	<0.005	<0.005	<0.005	<0.005
11/1/2001	<0.005	<0.005	<0.005	0.023	<0.005	<0.005	<0.005	<0.005	<0.005
4/25/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
11/20/2002		<0.005	0.0096	0.022	0.014	<0.005	<0.005	<0.005	<0.005
6/6/2003	0.02	<0.005	0.0076	0.07 (O)	0.014	0.03 (O)	<0.005	<0.005	<0.005
12/12/2003	<0.005	<0.005	0.0058	<0.005	<0.005	<0.005	<0.005	<0.005	0.0064
5/26/2004	<0.005	<0.005	0.0068	0.0074	0.0082	<0.005	<0.005	<0.005	<0.005
12/7/2004	<0.005	<0.005	0.0066	0.017	0.0062	<0.005	<0.005	<0.005	<0.005
6/21/2005	<0.005	<0.005	<0.005	0.013	<0.005	<0.005	<0.005	<0.005	<0.005
12/12/2005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4/4/2006		<0.005							
6/27/2006	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/30/2006		<0.005							
12/4/2006	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/15/2007		<0.005							
6/23/2007	<0.005	<0.005	<0.005	<0.005	0.0053	<0.005	<0.005	<0.005	<0.005
9/11/2007		<0.005							
12/11/2007	<0.005	<0.005	<0.005	<0.005	0.0057	<0.005	<0.005	<0.005	<0.005
3/11/2008		<0.005							
6/23/2008	<0.005	<0.005					<0.005	<0.005	<0.005
6/24/2008			0.005	<0.005	0.012	<0.005			
11/3/2008		<0.005							
12/4/2008	<0.005	<0.005					<0.005	<0.005	<0.005
12/5/2008			<0.005	<0.005	0.0064	<0.005			
3/25/2009		<0.005							
7/7/2009	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
7/8/2009							<0.005	<0.005	<0.005
9/14/2009		<0.005							
12/20/2009	<0.005	<0.005				<0.005			
12/21/2009			<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
3/4/2010		<0.005							
6/20/2010	<0.005	<0.005		<0.005	0.017	<0.005	<0.005	<0.005	<0.005
6/21/2010			0.018 (O)						
9/14/2010		<0.005							
1/6/2011				<0.005		<0.005	<0.005		<0.005
1/7/2011	<0.005	<0.005	<0.005		<0.005			<0.005	
4/15/2011		<0.005							
7/7/2011	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
7/8/2011			<0.005						
9/25/2011		<0.005							
1/17/2012	<0.005	<0.005		<0.005		0.0071	<0.005	<0.005	<0.005
1/18/2012			<0.005		<0.005				
4/4/2012		<0.005							
7/9/2012	0.0052			<0.005		0.0076	<0.005	<0.005	<0.005
7/10/2012		<0.005	0.0052		<0.005				
10/9/2012		<0.005							
1/17/2013				<0.005		0.0086	<0.005	<0.005	<0.005
1/18/2013	0.0087	<0.005	<0.005		<0.005				

Time Series

Constituent: Arsenic (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
4/5/2013		<0.005							
7/16/2013				<0.005		<0.005	<0.005	<0.005	<0.005
7/17/2013	0.0084	<0.005	<0.005		<0.005				
10/11/2013		<0.005							
1/13/2014	0.009			<0.005		<0.005	<0.005	<0.005	<0.005
1/14/2014		<0.005	<0.005		<0.005				
4/3/2014		<0.005							
7/8/2014							<0.005	<0.005	<0.005
7/9/2014	0.008	<0.005	0.0023 (J)	<0.005	<0.005	0.0022 (J)			
10/24/2014		<0.005							
1/12/2015			0.0028 (J)						
1/13/2015	0.0077			<0.005		<0.005	<0.005	<0.005	<0.005
1/14/2015		<0.005			<0.005				
5/10/2015		<0.005							
7/16/2015	0.0077		<0.005	<0.005		0.0037 (J)	<0.005	<0.005	<0.005
7/17/2015		<0.005			<0.005				
10/6/2015		<0.005							
1/17/2016						0.024 (O)			
1/18/2016	0.014	<0.005	<0.005	<0.005	<0.005			<0.005	<0.005
1/19/2016							<0.005		
4/26/2016		0.0011 (J)							
7/26/2016							<0.005		<0.005
7/27/2016	0.0111			0.0008 (J)		0.0046 (J)		<0.005	
7/28/2016		<0.005			0.0009 (J)				
7/29/2016			0.0014 (J)						
8/30/2016		<0.005		<0.005	<0.005	0.0023 (J)			
8/31/2016							<0.005	<0.005	<0.005
9/1/2016	0.0287		0.0033 (J)						
10/24/2016		<0.005							
10/25/2016	0.0069					0.0035 (J)			
10/26/2016			0.0016 (J)	<0.005	<0.005		<0.005	<0.005	<0.005
1/3/2017		<0.005		<0.005					
1/4/2017						0.0018 (J)	<0.005	<0.005	
1/5/2017					0.0021 (J)				<0.005
1/6/2017	0.0097		<0.005						
4/3/2017		0.0006 (J)							
4/4/2017			0.0021 (J)			0.0015 (J)			
4/5/2017								0.0006 (J)	
4/6/2017	0.0104			0.0006 (J)	0.0011 (J)		<0.005		<0.005
7/10/2017								0.0008 (J)	
7/11/2017		0.0006 (J)					<0.005		
7/12/2017			0.0015 (J)	0.0009 (J)	0.0014 (J)	0.0015 (J)			<0.005
7/13/2017	0.0064								
10/2/2017		0.0006 (J)							
10/3/2017				0.001 (J)	0.0014 (J)	0.0013 (J)	<0.005		
10/4/2017	0.0078		0.0018 (J)					0.0009 (J)	<0.005
1/9/2018	0.0091 (J)	0.0009 (J)			0.0017 (J)				
1/10/2018				0.0012 (J)		0.0023 (J)			0.0006 (J)
1/11/2018			0.0015 (J)				<0.005	<0.005	
7/9/2018		<0.005							
7/10/2018				0.0016 (J)	0.00063 (J)	0.0031 (J)			
7/11/2018	<0.005		0.00095 (J)				<0.005	<0.005	<0.005

Time Series

Constituent: Arsenic (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
1/16/2019	<0.005	<0.005	0.0024 (J)	0.0011 (J)	<0.005	0.0023 (J)			<0.005
1/17/2019							<0.005	<0.005	
3/25/2019	0.0029 (J)	<0.005	0.0029 (J)						
3/26/2019				0.0014 (J)	0.0029 (J)	0.0032 (J)			0.00058 (J)
3/27/2019							<0.005	<0.005	
8/26/2019	0.0041 (J)	<0.005							
8/27/2019			0.0023 (J)		0.0035 (J)	0.0022 (J)	<0.005	<0.005	<0.005
8/28/2019				0.0023 (J)					
10/7/2019		<0.005							
10/8/2019	0.003 (J)						<0.005		<0.005
10/9/2019			0.0024 (J)	0.0053 (J)	0.0018 (J)	0.0042 (J)		<0.005	
4/6/2020	<0.005	0.00045 (J)							
4/7/2020			0.0027 (J)	0.0011 (J)	<0.005	0.027	<0.005	<0.005	
4/8/2020									<0.005
8/17/2020		<0.005						<0.005	<0.005
8/18/2020							<0.005		
8/19/2020	0.006 (J)		0.0033 (J)	0.0019 (J)	0.0036 (J)	0.007			
9/28/2020	<0.005	<0.005				0.0058			<0.005
9/29/2020							<0.005	<0.005	
9/30/2020				0.0017 (J)	0.004 (J)				
10/1/2020			0.0027 (J)						
3/10/2021			0.0025 (J)	0.0019 (J)	0.0054	0.0055	<0.005	<0.005	
3/11/2021	0.0047 (J)								
3/12/2021		<0.005							
3/15/2021									<0.005
9/21/2021	<0.005	<0.005	0.0027 (J)	<0.005	0.0054		<0.005	<0.005	<0.005
9/23/2021						0.0048 (J)			

Time Series

Constituent: Arsenic (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
9/29/2000	<0.005	<0.005	0.094	<0.005					<0.005
11/21/2000	<0.005	<0.005	0.059	<0.005	<0.005				<0.005
1/20/2001	<0.005	<0.005	0.087	<0.005	<0.005				<0.005
3/14/2001	<0.005	<0.005	0.075	<0.005	<0.005				<0.005
7/16/2001	<0.005	<0.005	0.11	<0.005	<0.005				<0.005
11/1/2001	<0.005	<0.005	0.098	<0.005	<0.005				<0.005
4/25/2002	<0.005	<0.005	0.071	<0.005	<0.005				<0.005
11/20/2002	0.011	<0.005	0.15	<0.005	<0.005				<0.005
6/6/2003	<0.005	<0.005	1.2 (O)	<0.005	<0.005				<0.005
12/12/2003	<0.005	<0.005	0.27 (O)	<0.005	<0.005				<0.005
5/26/2004	<0.005	<0.005	0.12	<0.005	<0.005				<0.005
12/7/2004	<0.005	<0.005	0.098	<0.005	<0.005				<0.005
6/21/2005	<0.005	<0.005	0.065	<0.005	<0.005				<0.005
12/12/2005	<0.005	<0.005	0.081	<0.005	<0.005				<0.005
4/4/2006	<0.005		0.077						
6/27/2006	<0.005	<0.005	0.071	<0.005	<0.005				<0.005
8/30/2006	<0.005		0.08						
12/4/2006	<0.005	<0.005	0.085	<0.005	<0.005				<0.005
2/15/2007	<0.005		0.09						
6/23/2007	<0.005	<0.005	0.12	<0.005	<0.005				<0.005
9/11/2007	<0.005		0.088						
12/11/2007	<0.005	<0.005	0.088	<0.005	<0.005				<0.005
3/11/2008	<0.005		0.071						
6/23/2008									<0.005
6/24/2008	<0.005	<0.005	0.097	<0.005	<0.005				
11/3/2008	<0.005		0.089						
12/4/2008	<0.005				<0.005				<0.005
12/5/2008		<0.005	0.092	<0.005					
3/25/2009	<0.005		0.095						
7/8/2009	<0.005	0.0052	0.11	<0.005	<0.005				<0.005
9/14/2009	<0.005		0.099						
12/20/2009	<0.005	<0.005	0.1		<0.005				
12/21/2009				<0.005					<0.005
3/4/2010	<0.005		0.074						
6/20/2010	<0.005	0.0068			<0.005				<0.005
6/21/2010			0.056	<0.005		0.29	0.013 (O)	<0.005	
9/14/2010	<0.005		0.067						
1/6/2011					<0.005				
1/7/2011	<0.005	<0.005	0.066	<0.005		0.2	<0.005	<0.005	<0.005
4/15/2011	<0.005		0.08						
7/7/2011	<0.005	<0.005	0.054			<0.005			
7/8/2011				<0.005		0.19	<0.005	<0.005	<0.005
9/25/2011	<0.005		0.085						
1/17/2012	<0.005	<0.005			<0.005				
1/18/2012			0.089	<0.005		0.058	<0.005	<0.005	<0.005
4/4/2012	<0.005		0.0473						
7/9/2012	<0.005	<0.005			<0.005				
7/10/2012			0.07	<0.005		0.18	<0.005	<0.005	<0.005
10/9/2012	<0.005		0.088						
1/17/2013					<0.005				
1/18/2013	<0.005	0.0089	0.063	<0.005		0.22	0.0061	<0.005	<0.005
4/5/2013	<0.005		0.06						

Time Series

Constituent: Arsenic (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
7/17/2013	<0.005	0.011	0.063	<0.005	<0.005	0.45	<0.005	<0.005	<0.005
10/11/2013	0.005		0.059						
1/13/2014		0.017			<0.005				
1/14/2014	<0.005		0.077	<0.005		0.52	0.006	<0.005	<0.005
4/3/2014	<0.005		0.091						
7/9/2014	<0.005	0.014	0.08	<0.005	<0.005		<0.005		<0.005
7/10/2014						0.4		0.0027 (J)	
10/24/2014	<0.005		0.073						
1/12/2015						0.43			
1/13/2015		0.011			<0.005				
1/14/2015	<0.005		0.079	<0.005			<0.005	<0.005	<0.005
5/10/2015	<0.005								
5/11/2015			0.058						
7/16/2015		0.02	0.068		<0.005				
7/17/2015	<0.005						<0.005		<0.005
7/18/2015				<0.005		0.26		<0.005	
10/6/2015	<0.005		0.078						
1/17/2016	0.002 (J)	0.014	0.089		<0.005	0.34	0.0065		
1/18/2016				<0.005				<0.005	<0.005
4/26/2016	0.00183 (J)		0.0731						
7/27/2016	0.0021 (J)	0.0303			<0.005				
7/28/2016			0.0627			0.209	<0.005		<0.005
7/29/2016				0.0009 (J)				0.002 (J)	
8/31/2016					<0.005			0.0017 (J)	<0.005
9/1/2016	0.0024 (J)	0.0533	0.0551	<0.005		0.215	0.0039 (J)		
10/25/2016	<0.005	0.0551	0.0466			0.307	<0.005		
10/26/2016				<0.005	<0.005			<0.005	
10/27/2016									<0.005
1/4/2017			0.0444			0.311	<0.005	<0.005	
1/5/2017	0.0024 (J)	0.0437		<0.005	<0.005				
1/6/2017									<0.005
4/3/2017		0.0713							
4/4/2017	0.003 (J)				<0.005	0.317	0.0031 (J)		
4/5/2017			0.0591	0.0011 (J)					
4/6/2017								0.0006 (J)	<0.005
7/11/2017	0.0019 (J)	0.0745				0.299		0.0012 (J)	
7/12/2017			0.0776						<0.005
7/13/2017				0.0016 (J)	<0.005		<0.005		
10/2/2017	0.0026 (J)	0.0723				0.216			
10/3/2017			0.0813		<0.005		<0.005		
10/4/2017				0.0019 (J)				0.0025 (J)	<0.005
1/9/2018	0.0021 (J)	0.0731					0.0033 (J)		
1/10/2018			0.085		0.0006 (J)	0.347			
1/11/2018				0.0015 (J)				0.0006 (J)	<0.005
7/9/2018	0.0019 (J)					0.37			
7/10/2018		0.09	0.067		<0.005		0.0027 (J)		
7/11/2018				0.00082 (J)				0.0011 (J)	<0.005
1/16/2019	0.0016 (J)			<0.005					
1/17/2019		0.13	0.079				0.0022 (J)		
1/18/2019								<0.005	<0.005
1/21/2019					<0.005	0.44			
3/25/2019						0.41			

Time Series

Constituent: Arsenic (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
3/26/2019	0.0023 (J)	0.1	0.089	0.0015 (J)			0.0045 (J)		
3/27/2019								<0.005	<0.005
7/30/2019					0.00039 (J)				
8/27/2019	0.0017 (J)	0.17			<0.005			0.00044 (J)	
8/28/2019			0.091	0.0011 (J)		0.43	0.002 (J)		<0.005
10/8/2019	0.0017 (J)	0.13	0.088				0.0028 (J)		
10/9/2019				0.0011 (J)	<0.005	0.35		<0.005	<0.005
4/7/2020	0.0018 (J)	0.24	0.091				<0.005	0.00043 (J)	
4/8/2020				0.0013 (J)	0.00094 (J)	0.33			0.00084 (J)
8/18/2020	0.0012 (J)	0.28	0.045	<0.005	<0.005	0.3	0.0059	<0.005	
8/19/2020									<0.005
9/29/2020	<0.005				<0.005				
9/30/2020		0.24	0.044	0.0012 (J)		0.31	0.0029 (J)	<0.005	
10/1/2020									<0.005
3/10/2021								<0.005	<0.005
3/11/2021				0.0009 (J)					
3/12/2021		0.16				0.27			
3/15/2021					<0.005				
3/16/2021	<0.005		0.064				0.0098		
9/21/2021								<0.005	
9/22/2021	0.0014 (J)		0.081	<0.005	<0.005	0.23	<0.005		<0.005
9/23/2021		0.21							

Time Series

Constituent: Arsenic (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
1/20/2021			<0.005		
1/21/2021	<0.005	<0.005			
3/11/2021	<0.005	<0.005	0.00092 (J)	0.001 (J)	<0.005
9/21/2021				<0.005	<0.005
9/22/2021	<0.005	<0.005			
9/23/2021			<0.005		

Time Series

Constituent: Barium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
9/29/2000	0.11	0.16	0.16	0.22	0.16	0.044	0.1	0.075	<0.005
11/21/2000	0.12		0.16	0.13	0.21	0.047	0.082	0.072	0.01
1/20/2001	0.11	0.18	0.21	0.19	0.23	0.051	0.083	0.086	<0.005
3/14/2001	0.11	0.14	0.18	0.27	0.22	0.048	0.075	0.088	0.01
7/16/2001	0.11	0.14	0.18	0.37	0.22	0.054	0.091	0.084	<0.005
11/1/2001	0.11	0.14	0.15	0.61 (O)	0.23	0.063	0.068	0.13	<0.005
4/25/2002	0.058	0.088	0.16	0.19	0.15	0.032	0.066	0.24 (O)	<0.005
6/6/2003	0.19	0.14	0.29	0.72 (O)	0.13	0.046	0.085	0.28 (O)	0.028
12/12/2003	0.1	0.13	0.18	0.054	0.034	0.034	0.072	0.27 (O)	0.019
5/26/2004	0.084	0.09	0.16	0.18	0.13	0.035	0.055	0.31 (O)	<0.005
12/7/2004	0.094	0.11	0.16	0.24	0.13	0.024	0.066	0.46 (O)	0.009
6/21/2005	0.089	0.084	0.15	0.2	0.07	0.039	0.033	0.053	0.0089
12/12/2005	0.089	0.1	0.15	0.074	0.04	0.042	0.034	0.1	0.026
4/4/2006		0.089							
6/27/2006	0.096	0.1	0.19	0.075	0.041	0.033	0.029	0.098	0.029
8/30/2006		0.12							
12/4/2006	0.092	0.086	0.26	0.092	0.048	0.04	0.02	0.068	0.017
2/15/2007		0.088							
6/23/2007	0.08	0.089	0.24	0.089	0.12	0.044	0.017	0.042	0.014
9/11/2007		0.092							
12/11/2007	0.067	0.077	0.21	0.072	0.12	0.049	0.013	0.04	0.011
3/11/2008		0.082							
6/23/2008	0.056	0.086					0.012	0.041	0.018
6/24/2008			0.13	0.049	0.17	0.038			
11/3/2008		0.088							
12/4/2008	0.054	0.081					0.011	0.035	0.019
12/5/2008			0.12	0.067	0.093	0.06			
3/25/2009		0.069							
7/7/2009	0.034	0.078	0.17	0.04	0.06	0.043			
7/8/2009							0.012	0.036	0.011
9/14/2009		0.079							
12/20/2009	0.034	0.081				0.065			
12/21/2009			0.2	0.044	0.11		0.011	0.028	0.01
3/4/2010		0.065							
6/20/2010	0.062	0.078		0.036	0.11	0.095	0.0089	0.025	0.0081
6/21/2010			0.22						
9/14/2010		0.076							
1/6/2011				0.075		0.093	0.014		0.012
1/7/2011	0.039	0.074	0.12		0.025			0.037	
4/15/2011		0.065							
7/7/2011	0.036	0.081		0.13	0.025	0.095	0.018	0.039	0.015
7/8/2011			0.15						
9/25/2011		0.078							
1/17/2012	0.041	0.082		0.21		0.1	0.23	0.045	0.0086
1/18/2012			0.15		0.03				
4/4/2012		0.0861							
7/9/2012	0.15			0.2		0.11	0.17	0.032	0.01
7/10/2012		0.082	0.14		0.028				
10/9/2012		0.09							
1/17/2013				0.19		0.12	0.2	0.033	0.014
1/18/2013	0.15	0.083	0.15		0.058				
4/5/2013		0.078							

Time Series

Constituent: Barium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
7/16/2013				0.076		0.081	0.11	0.027	0.012
7/17/2013	0.13	0.083	0.14		0.086				
10/11/2013		0.078							
1/13/2014	0.16			0.14		0.096	0.083	0.027	0.015
1/14/2014		0.081	0.16		0.1				
4/3/2014		0.077							
7/8/2014							0.066	0.037	0.017
7/9/2014	0.11	0.073	0.12	0.12	0.082	0.066			
10/24/2014		0.087							
1/12/2015			0.13						
1/13/2015	0.083			0.13		0.068	0.053	0.023	0.019
1/14/2015		0.079			0.094				
5/10/2015		0.076							
7/16/2015	0.094		0.11	0.12		0.07	0.052	0.03	0.022
7/17/2015		0.061			0.11				
10/6/2015		0.067							
1/17/2016						0.062			
1/18/2016	0.22	0.068	0.095	0.12	0.11			0.032	0.026
1/19/2016							0.048		
4/26/2016		0.0596							
7/26/2016							0.051		0.0236
7/27/2016	0.192			0.112		0.0417		0.0191	
7/28/2016		0.0701			0.105				
7/29/2016			0.0883						
8/30/2016		0.0687		0.135	0.106	0.0545			
8/31/2016							0.0565	0.019	0.0273
9/1/2016	0.415 (O)		0.123						
10/24/2016		0.07							
10/25/2016	0.173					0.0504			
10/26/2016			0.0863	0.103	0.107		0.0591	0.0197	0.0238
1/3/2017		0.061		0.118					
1/4/2017						0.0534	0.0598	0.0174	
1/5/2017					0.107				0.0218
1/6/2017	0.167		0.0758						
4/3/2017		0.0612							
4/4/2017			0.091			0.0549			
4/5/2017								0.0174	
4/6/2017	0.136			0.162	0.111		0.0813		0.0204
7/10/2017								0.0172	
7/11/2017		0.0624					0.0302		
7/12/2017			0.0941	0.157	0.106	0.0614			0.0161
7/13/2017	0.0891								
10/2/2017		0.0618							
10/3/2017				0.127	0.105	0.0436	0.103		
10/4/2017	0.113		0.0994					0.0162	0.0185
1/9/2018	0.0901	0.0574			0.0969				
1/10/2018				0.158		0.053			0.0166
1/11/2018			0.088				0.166	0.018	
7/9/2018		0.056							
7/10/2018				0.31	0.087	0.059			
7/11/2018	0.065		0.071				0.12	0.014	0.019
1/16/2019	0.062	0.062	0.083	0.054	0.013 (J)	0.054			0.019

Time Series

Constituent: Barium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
1/17/2019							0.039	0.017	
3/25/2019	0.054	0.064	0.077						
3/26/2019				0.057	0.012 (J)	0.055			0.026
3/27/2019							0.053	0.017	
8/26/2019	0.11	0.065							
8/27/2019			0.076		0.013	0.054	0.12	0.017	0.024
8/28/2019				0.1					
10/7/2019		0.069							
10/8/2019	0.1						0.13		0.024
10/9/2019			0.076	0.13	0.014 (J)	0.058		0.019	
4/6/2020	0.072	0.057							
4/7/2020			0.09	0.098	0.01 (J)	0.05	0.14	0.017	
4/8/2020									0.027
8/17/2020		0.051						0.018	0.024
8/18/2020							0.12		
8/19/2020	0.1		0.076	0.1	0.064	0.057			
9/28/2020	0.095	0.05				0.051			0.029
9/29/2020							0.14	0.018	
9/30/2020				0.16	0.092				
10/1/2020			0.077						
3/10/2021			0.07	0.096	0.027	0.052	0.13	0.028	
3/11/2021	0.07								
3/12/2021		0.052							
3/15/2021									0.034
9/21/2021	0.073	0.049	0.098	0.076	0.077		0.12	0.023	0.037
9/23/2021						0.062			

Time Series

Constituent: Barium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
9/29/2000	0.11	0.028	0.076	0.16					0.093
11/21/2000	0.15	0.035	0.075	0.17	0.046				0.095
1/20/2001	0.1	0.032	0.053	0.16	0.036				0.089
3/14/2001	0.095	0.036	0.055	0.17	0.03				0.088
7/16/2001	0.28 (O)	0.036	0.041	0.19	0.032				0.096
11/1/2001	0.16	0.036	0.045	0.18	0.029				0.094
4/25/2002	0.054	0.045	0.055	0.15	0.021				0.085
6/6/2003	0.063	0.083 (O)	0.48 (O)	0.13	0.032				0.09
12/12/2003	0.041	0.094 (O)	0.13 (O)	0.18	0.021				0.084
5/26/2004	0.059	0.034	0.055	0.17	0.035				0.08
12/7/2004	0.076	0.042	0.072	0.19	0.031				0.098
6/21/2005	0.042	0.039	0.061	0.18	0.028				0.084
12/12/2005	0.048	0.043	0.047	0.17	0.024				0.07
4/4/2006	0.05		0.042						
6/27/2006	0.036	0.031	0.042	0.17	0.03				0.083
8/30/2006	0.059		0.05						
12/4/2006	0.062	0.043	0.044	0.21	0.031				0.072
2/15/2007	0.079		0.041						
6/23/2007	0.03	0.031	0.044	0.17	0.037				0.087
9/11/2007	0.053		0.04						
12/11/2007	0.075	0.044	0.0035	0.18	0.034				0.082
3/11/2008	0.052		0.034						
6/23/2008									0.1
6/24/2008	0.039	0.057	0.042	0.14	0.038				
11/3/2008	0.082		0.049						
12/4/2008	0.079				0.038				0.12
12/5/2008		0.041	0.05	0.19					
3/25/2009	0.093		0.052						
7/8/2009	0.039	0.058	0.046	0.2	0.053				0.14
9/14/2009	0.061		0.048						
12/20/2009	0.088	0.062	0.062		0.047				
12/21/2009				0.23					0.15
3/4/2010	0.077		0.058						
6/20/2010	0.075	0.03			0.046				0.21
6/21/2010			0.041	0.25		0.062	0.16	0.11	
9/14/2010	0.093		0.036						
1/6/2011					0.063				
1/7/2011	0.13	0.049	0.054	0.21		0.039	0.095	0.12	0.2
4/15/2011	0.086		0.049						
7/7/2011	0.051	0.05	0.063			0.06			
7/8/2011				0.13		0.043	0.1	0.094	0.18
9/25/2011	0.056		0.037						
1/17/2012	0.052	0.044			0.06				
1/18/2012			0.034	0.26		0.042	0.12	0.087	0.18
4/4/2012	0.0519		0.0446						
7/9/2012	0.048	0.045			0.05				
7/10/2012			0.033	0.19		0.039	0.097	0.1	0.16
10/9/2012	0.065		0.041						
1/17/2013					0.058				
1/18/2013	0.045	0.049	0.036	0.17		0.04	0.1	0.078	0.19
4/5/2013	0.047		0.036						
7/17/2013	0.032	0.039	0.054	0.18	0.041	0.055	0.069	0.062	0.17

Time Series

Constituent: Barium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
10/11/2013	0.028		0.052						
1/13/2014		0.038			0.058				
1/14/2014	0.036		0.051	0.18		0.059	0.086	0.073	0.2
4/3/2014	0.038		0.047						
7/9/2014	0.03	0.031	0.08	0.16	0.048		0.065		0.16
7/10/2014						0.067		0.13	
10/24/2014	0.025		0.072						
1/12/2015						0.061			
1/13/2015		0.041			0.048				
1/14/2015	0.04		0.047	0.16			0.084	0.065	0.17
5/10/2015	0.026								
5/11/2015			0.053						
7/16/2015		0.041	0.059		0.048				
7/17/2015	0.029						0.071		0.18
7/18/2015				0.012		0.13		0.073	
10/6/2015	0.03		0.053						
1/17/2016	0.038	0.048	0.056		0.049	0.08	0.079		
1/18/2016				0.13				0.062	0.2
4/26/2016	0.025		0.0721						
7/27/2016	0.0248	0.0487			0.0796				
7/28/2016			0.0534			0.164	0.0626		0.234
7/29/2016				0.181				0.0575	
8/31/2016					0.0429			0.0693	0.284
9/1/2016	0.0346	0.0403	0.0445	0.203		0.0976	0.077		
10/25/2016	0.0248	0.0329	0.0464			0.0702	0.0217		
10/26/2016				0.177	0.113 (O)			0.0966	
10/27/2016									0.244
1/4/2017			0.0379			0.0999	0.0617	0.0975	
1/5/2017	0.0245	0.0392		0.142	0.0526				
1/6/2017									0.305
4/3/2017		0.0439							
4/4/2017	0.0342				0.0503	0.136	0.0761		
4/5/2017			0.0534	0.106					
4/6/2017								0.064	0.249
7/11/2017	0.0276	0.051				0.145		0.0778	
7/12/2017			0.0944						0.256
7/13/2017				0.0686	0.0529		0.0428		
10/2/2017	0.0274	0.047				0.148			
10/3/2017			0.135 (O)		0.057		0.0376		
10/4/2017				0.0589				0.156	0.356
1/9/2018	0.0222	0.0431					0.0704		
1/10/2018			0.0603		0.0527	0.0788			
1/11/2018				0.0412				0.0702	0.226
7/9/2018	0.026					0.087			
7/10/2018		0.047	0.16 (O)		0.054		0.061		
7/11/2018				0.049				0.12	0.29
1/16/2019	0.028			0.063					
1/17/2019		0.042	0.13				0.061		
1/18/2019								0.052	0.21
1/21/2019					0.05	0.069			
3/25/2019						0.085			
3/26/2019	0.034	0.047	0.14	0.025			0.084		

Time Series

Constituent: Barium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
3/27/2019								0.057	0.19
7/30/2019					0.052				
8/27/2019	0.067	0.049			0.053			0.097	
8/28/2019			0.09	0.026		0.078	0.063		0.17
10/8/2019	0.085	0.057	0.13				0.079		
10/9/2019				0.032	0.05	0.078		0.065	0.18
4/7/2020	0.073	0.033	0.13				0.054	0.1	
4/8/2020				0.055	0.061	0.19			0.15
8/18/2020	0.028	0.03	0.32	0.074	0.05	0.38	0.18	0.085	
8/19/2020									0.17
9/29/2020	0.026				0.049				
9/30/2020		0.034	0.14	0.035		0.35	0.19	0.045	
10/1/2020									0.15
3/10/2021								0.049	0.15
3/11/2021				0.044					
3/12/2021		0.038				0.34			
3/15/2021					0.053				
3/16/2021	0.037		0.16				0.18		
9/21/2021								0.036	
9/22/2021	0.11		0.26	0.058	0.047	0.42	0.046		0.15
9/23/2021		0.062							

Time Series

Constituent: Barium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
3/11/2021	0.076	0.047	0.03	0.037	0.031
9/21/2021				0.027	0.022
9/22/2021	0.076	0.038			
9/23/2021			0.024		

Time Series

Constituent: Beryllium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
9/29/2000	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
11/21/2000	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1/20/2001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/14/2001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
7/16/2001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
11/1/2001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4/25/2002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
8/30/2016		0.0002 (J)		0.0002 (J)	<0.0005	<0.0005			
8/31/2016							<0.0005	0.0011 (J)	<0.0005
9/1/2016	0.0017 (J)		0.0004 (J)						
10/24/2016		<0.0005							
10/25/2016	0.0002 (J)					<0.0005			
10/26/2016			0.0001 (J)	0.0001 (J)	<0.0005		<0.0005	0.0011 (J)	<0.0005
1/3/2017		0.0002 (J)		0.0001 (J)					
1/4/2017						<0.0005	<0.0005	0.0009 (J)	
1/5/2017					<0.0005				<0.0005
1/6/2017	0.0003 (J)		0.0001 (J)						
4/3/2017		0.0002 (J)							
4/4/2017			0.0001 (J)			<0.0005			
4/5/2017								0.0008 (J)	
4/6/2017	0.0004 (J)			0.0003 (J)	<0.0005		<0.0005		<0.0005
7/10/2017								0.0008 (J)	
7/11/2017		0.0002 (J)					<0.0005		
7/12/2017			<0.0005	0.0002 (J)	<0.0005	<0.0005			<0.0005
7/13/2017	0.001 (J)								
10/2/2017		0.0002 (J)							
10/3/2017				0.0002 (J)	<0.0005	<0.0005	<0.0005		
10/4/2017	0.0002 (J)		0.0001 (J)					0.0006 (J)	<0.0005
1/9/2018	<0.0005	0.0002 (J)			<0.0005				
1/10/2018				0.0003 (J)		<0.0005			<0.0005
1/11/2018			0.0001 (J)				<0.0005	0.0006 (J)	
7/9/2018		0.0002 (J)							
7/10/2018				0.00028 (J)	<0.0005	<0.0005			
7/11/2018	<0.0005		<0.0005				<0.0005	0.00061 (J)	5.8E-05 (J)
8/26/2019	<0.0005	0.00021 (J)							
8/27/2019			<0.0005		<0.0005	<0.0005	<0.0005	0.00047 (J)	<0.0005
8/28/2019				7.6E-05 (J)					
10/7/2019		0.00024 (J)							
10/8/2019	<0.0005						<0.0005		<0.0005
10/9/2019			<0.0005	<0.0005	<0.0005	<0.0005		0.00046 (J)	
4/6/2020	<0.0005	0.00017 (J)							
4/7/2020			<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.00051 (J)	
4/8/2020									<0.0005
8/17/2020		0.00019 (J)						0.00046 (J)	<0.0005
8/18/2020							<0.0005		
8/19/2020	<0.0005		<0.0005	<0.0005	5E-05 (J)	<0.0005			
9/28/2020	<0.0005	0.00021 (J)				<0.0005			<0.0005
9/29/2020							<0.0005	0.00043 (J)	
9/30/2020				6.5E-05 (J)	4.6E-05 (J)				
10/1/2020			<0.0005						
3/10/2021			<0.0005	8.2E-05 (J)	<0.0005	<0.0005	4.7E-05 (J)	0.00054	
3/11/2021	0.00028 (J)								

Time Series

Constituent: Beryllium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
3/12/2021		0.00023 (J)							
3/15/2021									<0.0005
9/21/2021	<0.0005	0.00016 (J)	<0.0005	9.9E-05 (J)	<0.0005		<0.0005	0.00047 (J)	<0.0005
9/23/2021						<0.0005			

Time Series

Constituent: Beryllium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
9/29/2000	<0.0005	<0.0005	<0.0005	<0.0005					<0.0005
11/21/2000	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				<0.0005
1/20/2001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				<0.0005
3/14/2001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				<0.0005
7/16/2001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				<0.0005
11/1/2001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				<0.0005
4/25/2002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				<0.0005
8/31/2016					<0.0005			0.0002 (J)	0.0003 (J)
9/1/2016	0.0001 (J)	<0.0005	0.0001 (J)	0.0014 (J)		<0.0005	<0.0005		
10/25/2016	<0.0005	<0.0005	<0.0005			<0.0005	<0.0005		
10/26/2016				0.0016 (J)	0.0003 (J)			0.0002 (J)	
10/27/2016									0.0003 (J)
1/4/2017			9E-05 (J)			<0.0005	<0.0005	0.0001 (J)	
1/5/2017	<0.0005	<0.0005		0.0019 (J)	<0.0005				
1/6/2017									0.0002 (J)
4/3/2017		<0.0005							
4/4/2017	9E-05 (J)				9E-05 (J)	<0.0005	<0.0005		
4/5/2017			9E-05 (J)	0.0024 (J)					
4/6/2017								<0.0005	0.0003 (J)
7/11/2017	<0.0005	<0.0005				<0.0005		<0.0005	
7/12/2017			<0.0005						0.0003 (J)
7/13/2017				0.0034	<0.0005		<0.0005		
10/2/2017	<0.0005	<0.0005				<0.0005			
10/3/2017			<0.0005		<0.0005		<0.0005		
10/4/2017				0.0037				0.0001 (J)	0.0002 (J)
1/9/2018	<0.0005	<0.0005					<0.0005		
1/10/2018			0.0001 (J)		<0.0005	<0.0005			
1/11/2018				0.0033				<0.0005	0.0003 (J)
7/9/2018	6.2E-05 (J)					<0.0005			
7/10/2018		<0.0005	6E-05 (J)		<0.0005		<0.0005		
7/11/2018				0.0038				7E-05 (J)	0.0003 (J)
7/30/2019					<0.0005				
8/27/2019	<0.0005	<0.0005			<0.0005			9E-05 (J)	
8/28/2019			8E-05 (J)	0.0017 (J)		<0.0005	<0.0005		0.00022 (J)
10/8/2019	<0.0005	<0.0005	9.8E-05 (J)				<0.0005		
10/9/2019				0.0018 (J)	<0.0005	<0.0005		<0.0005	0.00023 (J)
4/7/2020	<0.0005	<0.0005	<0.0005				<0.0005	<0.0005	
4/8/2020				0.0017 (J)	8.8E-05 (J)	<0.0005			0.00019 (J)
8/18/2020	<0.0005	<0.0005	6.8E-05 (J)	0.0016 (J)	5.1E-05 (J)	<0.0005	<0.0005	7.6E-05 (J)	
8/19/2020									0.00022 (J)
9/29/2020	<0.0005				7.5E-05 (J)				
9/30/2020		<0.0005	8.9E-05 (J)	0.0013 (J)		<0.0005	<0.0005	<0.0005	
10/1/2020									0.0002 (J)
3/10/2021								<0.0005	0.00019 (J)
3/11/2021				0.0012					
3/12/2021		<0.0005				<0.0005			
3/15/2021					7.3E-05 (J)				
3/16/2021	<0.0005		<0.0005				<0.0005		
9/21/2021								<0.0005	
9/22/2021	<0.0005		6E-05 (J)	0.0017	<0.0005	<0.0005	<0.0005		0.00017 (J)
9/23/2021		<0.0005							

Time Series

Constituent: Beryllium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
3/11/2021	<0.0005	<0.0005	8.4E-05 (J)	0.0001 (J)	0.00032 (J)
9/21/2021				7.3E-05 (J)	6.6E-05 (J)
9/22/2021	<0.0005	<0.0005			
9/23/2021			<0.0005		

Time Series

Constituent: Boron (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
8/30/2016		0.117		1.09	1.41	0.875			
8/31/2016							0.0688 (J)	5.1	0.261
9/1/2016	11.6		6.48						
10/24/2016		0.126							
10/25/2016	21.4					1.22			
10/26/2016			7.57	2.5	1.83		0.083 (J)	5.74	0.211
1/3/2017		0.124		3.39					
1/4/2017						1.3	0.0738	6.56	
1/5/2017					3.07				0.179
1/6/2017	20.1		8.34						
4/3/2017		0.105							
4/4/2017			8.18			1.19			
4/5/2017								6.49	
4/6/2017	21.8			2.76	3.19		0.0754		0.112
7/10/2017								8.13	
7/11/2017		0.136					0.0614		
7/12/2017			7.51	3.55	3.06	1.37			0.0882
7/13/2017	16.3								
10/2/2017		0.107							
10/3/2017				2.72	2.69	0.765	0.0838		
10/4/2017	21.5		8.88					5.18	0.116
1/9/2018	13.9	0.123			2.81				
1/10/2018				3.21		0.876			0.101
1/11/2018			6.95				0.169	5.16	
7/9/2018		0.11							
7/10/2018				7	2.9	0.94			
7/11/2018	11.7		6.4				0.3	8.5	0.098
1/16/2019	9.3	0.13	5.3	5	7.7	0.91			0.11
1/17/2019							0.065	7	
3/25/2019	8.5	0.098	4.4						
3/26/2019				4	7.4	0.77			0.35
3/27/2019							0.089	6.1	
10/7/2019		0.12							
10/8/2019	6.4						0.22		0.18
10/9/2019			5.7	6.8	6.3	0.93		8.2	
4/6/2020	6.1	0.14							
4/7/2020			5.5	4.6	5.6	1	0.67	5.3	
4/8/2020									0.28
9/28/2020	4.6	0.15				0.69			0.24
9/29/2020							1.2	4.7	
9/30/2020				4	4.2				
10/1/2020			5.2						
3/10/2021			4.9	3.9	6.9	0.63	1.8	6.1	
3/11/2021	8								
3/12/2021		0.11							
3/15/2021									0.31
9/21/2021	4.4	0.13	6.4	4.1	4.2		0.8	5.8	0.38
9/23/2021						0.59			

Time Series

Constituent: Boron (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
8/31/2016					0.0196 (J)			12.8	0.096 (JO)
9/1/2016	0.071 (J)	9.01 (O)	1.82	0.408		3.34	0.62		
10/25/2016	0.0819 (J)	1.66	1.26			2.54	0.0658 (J)		
10/26/2016				0.5	0.05 (J)			9.81	
10/27/2016									0.0281 (J)
1/4/2017			1.46			1.91	0.36	8.94	
1/5/2017	0.0813	1.1		0.676	0.0162 (J)				
1/6/2017									0.0189 (J)
4/3/2017		1.21							
4/4/2017	0.0723				0.019 (J)	2.77	0.509		
4/5/2017			2	0.69					
4/6/2017								0.733	0.0181 (J)
7/11/2017	0.0734	1.44				4.14		0.852	
7/12/2017			2.95						0.0211 (J)
7/13/2017				0.888	0.023 (J)		0.126		
10/2/2017	0.0748	1.59				4.65			
10/3/2017			4.15		0.0266 (J)		0.1		
10/4/2017				1.02				6.05	0.0254 (J)
1/9/2018	0.0679	1.35					0.783		
1/10/2018			3.68		0.0203 (J)	1.79			
1/11/2018				1.28				0.838	0.018 (J)
7/9/2018	0.061					1.7			
7/10/2018		1.2	5.2		0.026 (J)		0.5		
7/11/2018				1.6				3.2	0.02 (J)
1/16/2019	0.046			1.5					
1/17/2019		1.1	8.6				0.43		
1/18/2019								0.37	0.018 (J)
1/21/2019					0.018 (J)	1.1			
3/25/2019						1			
3/26/2019	0.037 (J)	0.95	7.4	1.2			0.61		
3/27/2019								0.37	0.016 (J)
7/30/2019					0.02 (J)				
10/8/2019	0.048	1.1	8.4				1		
10/9/2019				1.3	0.024 (J)	0.79		0.39	0.019 (J)
4/7/2020	0.061 (J)	0.96	10.5				0.24	3.1	
4/8/2020				0.99	0.031 (J)	2.5			0.023 (J)
9/29/2020	0.053				0.024 (J)				
9/30/2020		0.86	8.1	0.86		9.9	2.3	0.25	
10/1/2020									0.028 (J)
3/10/2021								0.32	0.022 (J)
3/11/2021				0.85					
3/12/2021		0.81				15.6			
3/15/2021					0.084				
3/16/2021	0.08		10				3.5		
9/21/2021								0.19	
9/22/2021	0.052		11.5	1.4	0.017 (J)	11.3	0.095		0.015 (J)
9/23/2021		0.72							

Time Series

Constituent: Boron (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
1/20/2021			0.013 (J)	0.013 (J)	0.011 (J)
1/21/2021	0.018 (J)	0.014 (J)			
3/11/2021	0.03 (J)	0.019 (J)	0.017 (J)	0.015 (J)	0.014 (J)
9/21/2021				0.025 (J)	0.012 (J)
9/22/2021	0.033 (J)	0.014 (J)			
9/23/2021			0.012 (J)		

Time Series

Constituent: Cadmium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
11/21/2000	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
1/20/2001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/14/2001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
7/16/2001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
11/1/2001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
4/25/2002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
8/30/2016		<0.0005		<0.0005	<0.0005	<0.0005			
8/31/2016							0.0002 (J)	<0.0005	<0.0005
9/1/2016	0.0007 (J)		0.0002 (J)						
10/24/2016		<0.0005							
10/25/2016	<0.0005					<0.0005			
10/26/2016			<0.0005	<0.0005	<0.0005		0.0001 (J)	<0.0005	<0.0005
1/3/2017		<0.0005		<0.0005					
1/4/2017						0.0001 (J)	0.0001 (J)	<0.0005	
1/5/2017					<0.0005				<0.0005
1/6/2017	0.0001 (J)		9E-05 (J)						
4/3/2017		<0.0005							
4/4/2017			9E-05 (J)			7E-05 (J)			
4/5/2017								<0.0005	
4/6/2017	<0.0005			<0.0005	<0.0005		0.0002 (J)		<0.0005
7/10/2017								<0.0005	
7/11/2017		<0.0005					<0.0005		
7/12/2017			<0.0005	<0.0005	<0.0005	<0.0005			<0.0005
7/13/2017	<0.0005								
10/2/2017		<0.0005							
10/3/2017				<0.0005	<0.0005	<0.0005	0.0003 (J)		
10/4/2017	<0.0005		<0.0005					<0.0005	<0.0005
1/9/2018	<0.0005	<0.0005			<0.0005				
1/10/2018				<0.0005		<0.0005			<0.0005
1/11/2018			0.0002 (J)				0.0006 (J)	<0.0005	
7/9/2018		<0.0005							
7/10/2018				<0.0005	<0.0005	<0.0005			
7/11/2018	<0.0005		<0.0005				0.0004 (J)	<0.0005	<0.0005
8/26/2019	<0.0005	<0.0005							
8/27/2019			<0.0005		<0.0005	<0.0005	0.00044 (J)	<0.0005	<0.0005
8/28/2019				<0.0005					
10/7/2019		<0.0005							
10/8/2019	<0.0005						0.00043 (J)		<0.0005
10/9/2019			<0.0005	<0.0005	<0.0005	<0.0005		<0.0005	
4/6/2020	<0.0005	<0.0005							
4/7/2020			<0.0005	<0.0005	<0.0005	<0.0005	0.00051 (J)	<0.0005	
4/8/2020									<0.0005
8/17/2020		<0.0005						<0.0005	<0.0005
8/18/2020							0.00058 (J)		
8/19/2020	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005			
9/28/2020	<0.0005	<0.0005				<0.0005			<0.0005
9/29/2020							0.00077 (J)	<0.0005	
9/30/2020				<0.0005	<0.0005				
10/1/2020			<0.0005						
3/10/2021			<0.0005	<0.0005	<0.0005	<0.0005	0.0009	<0.0005	
3/11/2021	<0.0005								
3/12/2021		<0.0005							

Time Series

Constituent: Cadmium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
3/15/2021									<0.0005
9/21/2021	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		0.00036 (J)	<0.0005	<0.0005
9/23/2021						<0.0005			

Time Series

Constituent: Cadmium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
11/21/2000	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				<0.0005
1/20/2001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				<0.0005
3/14/2001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				<0.0005
7/16/2001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				<0.0005
11/1/2001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				<0.0005
4/25/2002	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005				<0.0005
8/31/2016					<0.0005			8E-05 (J)	<0.0005
9/1/2016	0.0001 (J)	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005		
10/25/2016	0.0002 (J)	<0.0005	<0.0005			<0.0005	<0.0005		
10/26/2016				<0.0005	<0.0005			<0.0005	
10/27/2016									<0.0005
1/4/2017			<0.0005			<0.0005	<0.0005	0.0001 (J)	
1/5/2017	0.0002 (J)	<0.0005		<0.0005	<0.0005				
1/6/2017									<0.0005
4/3/2017		<0.0005							
4/4/2017	0.0002 (J)				<0.0005	<0.0005	<0.0005		
4/5/2017			<0.0005	<0.0005					
4/6/2017								0.0001 (J)	<0.0005
7/11/2017	0.0002 (J)	<0.0005				<0.0005		<0.0005	
7/12/2017			<0.0005						<0.0005
7/13/2017				<0.0005	<0.0005		<0.0005		
10/2/2017	<0.0005	<0.0005				<0.0005			
10/3/2017			<0.0005		<0.0005		<0.0005		
10/4/2017				<0.0005				0.0002 (J)	<0.0005
1/9/2018	<0.0005	<0.0005					<0.0005		
1/10/2018			<0.0005		<0.0005	<0.0005			
1/11/2018				<0.0005				0.0002 (J)	<0.0005
7/9/2018	0.00017 (J)					<0.0005			
7/10/2018		<0.0005	<0.0005		<0.0005		<0.0005		
7/11/2018				<0.0005				0.00023 (J)	<0.0005
7/30/2019					<0.0005				
8/27/2019	<0.0005	<0.0005			<0.0005			<0.0005	
8/28/2019			<0.0005	<0.0005		<0.0005	<0.0005		<0.0005
10/8/2019	<0.0005	<0.0005	<0.0005				<0.0005		
10/9/2019				<0.0005	<0.0005	<0.0005		0.00012 (J)	<0.0005
4/7/2020	<0.0005	<0.0005	<0.0005				<0.0005	0.00054 (J)	
4/8/2020				<0.0005	<0.0005	<0.0005			<0.0005
8/18/2020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.00024 (J)	
8/19/2020									<0.0005
9/29/2020	0.00012 (J)				<0.0005				
9/30/2020		<0.0005	<0.0005	<0.0005		<0.0005	<0.0005	0.00024 (J)	
10/1/2020									<0.0005
3/10/2021								<0.0005	<0.0005
3/11/2021				<0.0005					
3/12/2021		<0.0005				0.00018 (J)			
3/15/2021					<0.0005				
3/16/2021	<0.0005		<0.0005				<0.0005		
9/21/2021								<0.0005	
9/22/2021	<0.0005		<0.0005	<0.0005	<0.0005	0.00013 (J)	<0.0005		<0.0005
9/23/2021		<0.0005							

Time Series

Constituent: Cadmium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
3/11/2021	<0.0005	<0.0005	0.00019 (J)	0.00029 (J)	0.0015
9/21/2021				<0.0005	0.00042 (J)
9/22/2021	0.00027 (J)	<0.0005			
9/23/2021			<0.0005		

Time Series

Constituent: Calcium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
8/30/2016		23.8		14.3	4.68	29.4			
8/31/2016							18.8	105	2.77
9/1/2016	5.59		9.91						
10/24/2016		22.5							
10/25/2016	6.43					28.3			
10/26/2016			8.56	18.6	5.45		16.6	101	2.25
1/3/2017		22.1		18.1					
1/4/2017						33.4	17.6	94.9	
1/5/2017					5.35				2.27
1/6/2017	8.13		8.18						
4/3/2017		24.6 (J)							
4/4/2017			8.12			34.6			
4/5/2017								92.5	
4/6/2017	7.72			16.2	5.41		30.9		2.04
7/10/2017								90.3	
7/11/2017		23.5					17.7		
7/12/2017			8	18.1	4.81	38			2.25
7/13/2017	4.57								
10/2/2017		22.7							
10/3/2017				15.2	5.17	25.5	39.8		
10/4/2017	6.41		12.5					74.6	2.19
1/9/2018	4.68	23.2			4.73				
1/10/2018				15.5		36.5			2.28
1/11/2018			12.9				65.6	78.1	
7/9/2018		24.6 (J)							
7/10/2018				30.6	4.5	45.5			
7/11/2018	3.9		8.6				53	72.2	2.3
1/16/2019	4.3	27.7	68.8	33.3	10.1	46.5			2.3
1/17/2019							19.8 (J)	64.7	
3/25/2019	3.9	31.7	55.6						
3/26/2019				36.1	9	46.3			2.4
3/27/2019							25.1	63.1	
10/7/2019		31.6							
10/8/2019	3.5						69.2		2.3
10/9/2019			46.7	17.7	10.1	51.2		54.2	
4/6/2020	3.1	35.8							
4/7/2020			62.1	34.1	7.8	31.1	84.7	52.1	
4/8/2020									2.5
9/28/2020	3.3	25.6				70.7			2.9
9/29/2020							123	42	
9/30/2020				70.4	27.5				
10/1/2020			48.4						
3/10/2021			263	134	55.9	67.2	126	53.1	
3/11/2021	2.4								
3/12/2021		21.4							
3/15/2021									2.4
9/21/2021	2.7	18.5	67.5	140	110		87	63.4	3.6
9/23/2021						69.1			

Time Series

Constituent: Calcium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
8/31/2016					0.371 (J)			127	6.9
9/1/2016	194	119	93.8	71.9		67.2	40.5		
10/25/2016	100	106	94.1			50.1	3.91		
10/26/2016				80.3	5.84			127	
10/27/2016									8.2
1/4/2017			88.2			80.4	15.2	113	
1/5/2017	107	115		94.4	0.379 (J)				
1/6/2017									7.97
4/3/2017		131							
4/4/2017	153				0.993	108	32.3		
4/5/2017			106	104					
4/6/2017								42.7	7.95
7/11/2017	125	155				136		46	
7/12/2017			149						8.37
7/13/2017				124	0.388 (J)		8.92		
10/2/2017	126	137				105			
10/3/2017			217		0.251 (J)		7.88		
10/4/2017				136				115	8.57
1/9/2018	119	135					40.5		
1/10/2018			161		0.177 (J)	60.1			
1/11/2018				139				47.6	9.78
7/9/2018	123					75.9			
7/10/2018		129	205		0.17 (J)		29.8		
7/11/2018				122				73.7	9.2
1/16/2019	120			80.5					
1/17/2019		137	187				27.6		
1/18/2019								30.6	8.1
1/21/2019					0.19 (J)	60			
3/25/2019						74.8			
3/26/2019	84.2	124	204	68.8			60.1		
3/27/2019								28.8	7.7
7/30/2019					0.43				
10/8/2019	146	129	205				49.5		
10/9/2019				56.6	0.18	80.1		30.1	6
4/7/2020	135	129	225				12.5	65.7	
4/8/2020				53.1	0.24 (J)	175			5.3
9/29/2020	30.8				0.18 (J)				
9/30/2020		109	177	53.5		292	98.4	20.9	
10/1/2020									5.5
3/10/2021								18.7	5.3
3/11/2021				67					
3/12/2021		101				241			
3/15/2021					0.22 (J)				
3/16/2021	34.4		188				104		
9/21/2021								15.3	
9/22/2021	185		267	94.6	0.19 (J)	266	5.8		5
9/23/2021		146							

Time Series

Constituent: Calcium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
1/20/2021			4.9	4.1	3
1/21/2021	4.4	2.8			
3/11/2021	12.4	5.4	4.7	3.1	2.6
9/21/2021				2.5	2.1
9/22/2021	14.9	4.7			
9/23/2021			3.4		

Time Series

Constituent: Chloride (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
8/30/2016		15		31	60	5.5			
8/31/2016							3.5	210	4.3
9/1/2016	190		160						
10/24/2016		13							
10/25/2016	175 (D)					5.1			
10/26/2016			110	24	67		2.5	200	4.9
1/3/2017		13		29					
1/4/2017						6.9	3.8	160	
1/5/2017					70				4.1
1/6/2017	180		67						
4/3/2017		14							
4/4/2017			80			6.5			
4/5/2017								140	
4/6/2017	200			27	76		7.1		3.7
7/10/2017								88	
7/11/2017		13					3.1		
7/12/2017			120	31	64	6.5			2.6
7/13/2017	200								
10/2/2017		15							
10/3/2017				27	73	4.5	46		
10/4/2017	260		130					100	3
1/9/2018	210	13			61				
1/10/2018				59		6.9			3.4
1/11/2018			60				100	78	
7/9/2018		15.4							
7/10/2018				172	60.2	6.2			
7/11/2018	177		75.9				53.7	66.9	3.2
1/16/2019	165	16	20.2	49.7	54.1	6.6			3.8
1/17/2019							6.6	52	
3/25/2019	147	17.7	19.7						
3/26/2019				47.9	51.8	7			3.2
3/27/2019							11.9	45.6	
10/7/2019		18							
10/8/2019	125						89		4
10/9/2019			32.1	239	49.7	7.2		44.1	
4/6/2020	30.2	13.5							
4/7/2020			14.5	44.3	56.4	7.7	103	32.5	
4/8/2020									4.5
9/28/2020	113	13.7				13.8			4.3
9/29/2020							143	24.3	
9/30/2020				24.1	53.9				
10/1/2020			15.7						
3/10/2021			16	25.7	42.4	8.5	188	48.7	
3/11/2021	96.7								
3/12/2021		14.1							
3/15/2021									7.6
9/21/2021	92.2	12.2	13.9	38.8	53.8		103	63.8	7.9
9/23/2021						8.8			

Time Series

Constituent: Chloride (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
8/31/2016					7.8			320	17
9/1/2016	60	10	43	610		16	5.9		
10/25/2016	36	6.5	34			8.1	4.4		
10/26/2016				570	12			450	
10/27/2016									17
1/4/2017			29			13	7.7	330	
1/5/2017	37	10		710	7.4				
1/6/2017									16
4/3/2017		7.3							
4/4/2017	47				8.7	23	8		
4/5/2017			36	860					
4/6/2017								50	17
7/11/2017	34	5.7				31		70	
7/12/2017			44						18
7/13/2017				860	8.3		5.4		
10/2/2017	34	4.4				30			
10/3/2017			58		9		4.4		
10/4/2017				1000				360	18
1/9/2018	24	5.7					4.4		
1/10/2018			36		8.2	9.7			
1/11/2018				940				74	16
7/9/2018	25.9					10.8			
7/10/2018		3.1	57		7.3		6.3		
7/11/2018				864				164	16.2
1/16/2019	29.2			469					
1/17/2019		3.2	48.9				5.4		
1/18/2019								11	17.5
1/21/2019					6.9	5.1			
3/25/2019						9.4			
3/26/2019	21.1	3	5.1	439			11.9		
3/27/2019								11.5	18.9
7/30/2019					7.1				
10/8/2019	40.2	2.9	46.4				7.8		
10/9/2019				330	7	5.4		25.3	19
4/7/2020	41.6	3.4	49.3				4.7	146	
4/8/2020				277	5.2	20.2			16.9
9/29/2020	10.6				5.4				
9/30/2020		1.7	39.6	257		34.9	23.7	8.5	
10/1/2020									16.8
3/10/2021								48.2	18.3
3/11/2021				334					
3/12/2021		2.3				31.9			
3/15/2021					6.4				
3/16/2021	15.8		44.9				25.3		
9/21/2021								9.4	
9/22/2021	28		55.8	517	7.4	38.9	6		19.3
9/23/2021		7.1							

Time Series

Constituent: Chloride (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
1/20/2021			6.1	6.9	6.1
1/21/2021	6.1	6.1			
3/11/2021	9.9	6	6.4	7	6.5
9/21/2021				6.7	6.1
9/22/2021	7.1	4.9			
9/23/2021			5.5		

Time Series

Constituent: Chromium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
9/29/2000	<0.005	<0.005	0.021	0.03	0.016	<0.005	<0.005	<0.005	<0.005
11/21/2000	<0.005		0.017	<0.005	0.023	<0.005	<0.005	<0.005	<0.005
1/20/2001	<0.005	<0.005	0.03	0.028	0.025	<0.005	<0.005	<0.005	<0.005
3/14/2001	<0.005	<0.005	0.019	0.052 (O)	0.021	<0.005	<0.005	<0.005	<0.005
7/16/2001	<0.005	<0.005	0.029	0.08 (O)	0.019	<0.005	<0.005	<0.005	<0.005
11/1/2001	<0.005	<0.005	0.021	0.13 (O)	0.022	<0.005	<0.005	<0.005	<0.005
4/25/2002	<0.005	<0.005	0.03	0.021	0.019	<0.005	<0.005	<0.005	<0.005
11/20/2002		0.0051	0.038	0.053 (O)	0.024	<0.005	0.006	0.002	<0.005
6/6/2003	0.037	0.014	0.028	0.064 (O)	0.021	0.005	0.0082	<0.005	0.003
12/12/2003	0.0044	0.011	0.027	<0.005	0.0066	<0.005	0.0023	<0.005	<0.005
5/26/2004	<0.005	<0.005	0.021	0.012	0.013	<0.005	<0.005	<0.005	<0.005
12/7/2004	<0.005	<0.005	0.016	0.019	0.013	<0.005	<0.005	<0.005	<0.005
6/21/2005	<0.005	<0.005	0.015	0.02	0.0067	<0.005	<0.005	<0.005	<0.005
12/12/2005	<0.005	<0.005	0.022	<0.005	0.0033	0.002	<0.005	<0.005	<0.005
4/4/2006		<0.005							
6/27/2006	<0.005	<0.005	0.027	0.0015	0.0047	<0.005	<0.005	<0.005	<0.005
8/30/2006		<0.005							
12/4/2006	0.0015	<0.005	0.025	0.0034	0.0084	<0.005	0.0021	0.0032	0.0017
2/15/2007		<0.005							
6/23/2007	<0.005	<0.005	0.023	<0.005	0.01	<0.005	0.0017	<0.005	<0.005
9/11/2007		<0.005							
12/11/2007	0.0016	<0.005	0.018	<0.005	0.0049	<0.005	<0.005	<0.005	<0.005
3/11/2008		<0.005							
6/23/2008	0.0019	<0.005					<0.005	0.0016	<0.005
6/24/2008			0.022	<0.005	0.032 (O)	<0.005			
11/3/2008		<0.005							
12/4/2008	<0.005	<0.005					<0.005	<0.005	<0.005
12/5/2008			0.023	0.0016	0.009	<0.005			
3/25/2009		<0.005							
7/7/2009	0.0037	<0.005	0.012	<0.005	0.0044	0.0013			
7/8/2009							<0.005	<0.005	<0.005
9/14/2009		<0.005							
12/20/2009	0.0016	<0.005				<0.005			
12/21/2009			0.019	<0.005	0.0055		<0.005	<0.005	<0.005
3/4/2010		<0.005							
6/20/2010	<0.005	<0.005		<0.005	0.002	<0.005	<0.005	<0.005	<0.005
6/21/2010			0.01						
9/14/2010		<0.005							
1/6/2011				0.0017		<0.005	<0.005		<0.005
1/7/2011	0.0033	<0.005	0.023		0.0039			<0.005	
4/15/2011		<0.005							
7/7/2011	0.0044	<0.005		0.008	0.0031	<0.005	0.0023	<0.005	0.0019
7/8/2011			0.017						
9/25/2011		0.0021							
1/17/2012	0.0038	<0.005		0.0082		<0.005	<0.005	<0.005	<0.005
1/18/2012			0.0114		0.0023				
4/4/2012		<0.005							
7/9/2012	0.022			0.01		<0.005	0.0017	<0.005	<0.005
7/10/2012		<0.005	0.014		0.0022				
10/9/2012		<0.005							
1/17/2013				0.01		<0.005	<0.005	<0.005	<0.005
1/18/2013	0.034	<0.005	0.015		<0.005				

Time Series

Constituent: Chromium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
4/5/2013		<0.005							
7/16/2013				0.0061		<0.005	<0.005	<0.005	<0.005
7/17/2013	0.032	<0.005	0.011		<0.005				
10/11/2013		<0.005							
1/13/2014	0.04			0.002		<0.005	<0.005	<0.005	<0.005
1/14/2014		<0.005	0.019		0.0013				
4/3/2014		<0.005							
7/8/2014							<0.005	<0.005	<0.005
7/9/2014	0.036	<0.005	0.012	<0.005	<0.005	0.0011 (J)			
10/24/2014		<0.005							
1/12/2015			0.016						
1/13/2015	0.03			<0.005		<0.005	<0.005	<0.005	<0.005
1/14/2015		<0.005			0.0015				
5/10/2015		<0.005							
7/16/2015	0.039		0.0084	<0.005		0.0011 (J)	<0.005	0.001 (J)	<0.005
7/17/2015		<0.005			0.0011 (J)				
10/6/2015		<0.005							
1/17/2016						<0.005			
1/18/2016	0.068	<0.005	0.014	<0.005	0.0011 (J)			<0.005	<0.005
1/19/2016							<0.005		
4/26/2016		<0.005							
7/26/2016							0.0005 (J)		<0.005
7/27/2016	0.05			0.0006 (J)		0.0016 (J)		0.0014 (J)	
7/28/2016		<0.005			0.001 (J)				
7/29/2016			0.0077 (J)						
8/30/2016		<0.005		<0.005	0.0013 (J)	0.0015 (J)			
8/31/2016							0.001 (J)	0.0012 (J)	0.0011 (J)
9/1/2016	0.119 (O)		0.015						
10/24/2016		<0.005							
10/25/2016	0.0519					0.0018 (J)			
10/26/2016			0.0106	<0.005	0.0014 (J)		<0.005	0.0012 (J)	<0.005
1/3/2017		<0.005		0.001 (J)					
1/4/2017						0.0021 (J)	<0.005	0.0012 (J)	
1/5/2017					0.002 (J)				<0.005
1/6/2017	0.0536		0.0098 (J)						
4/3/2017		0.0004 (J)							
4/4/2017			0.0101			0.002 (J)			
4/5/2017								0.0013 (J)	
4/6/2017	0.0447 (J)			0.0013 (J)	0.0034 (J)		0.0007 (J)		0.0011 (J)
7/10/2017								0.0014 (J)	
7/11/2017		0.0006 (J)					0.0006 (J)		
7/12/2017			0.0096 (J)	0.0011 (J)	0.0024 (J)	0.0021 (J)			0.0007 (J)
7/13/2017	0.0269								
10/2/2017		<0.005							
10/3/2017				0.0012 (J)	0.0022 (J)	0.0014 (J)	0.0007 (J)		
10/4/2017	0.0378		0.0097 (J)					0.0011 (J)	0.0008 (J)
1/9/2018	0.0283 (J)	<0.005			0.0019 (J)				
1/10/2018				0.0016 (J)		0.0017 (J)			0.0007 (J)
1/11/2018			0.0109				0.0098 (J)	0.001 (J)	
7/9/2018		<0.005							
7/10/2018				0.0055 (J)	0.0023 (J)	0.0021 (J)			
7/11/2018	0.018 (J)		0.0055 (J)				<0.005	<0.005	0.0019 (J)

Time Series

Constituent: Chromium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
1/16/2019	0.018 (J)	<0.005	0.0024 (J)	<0.005	0.018 (J)	0.0021 (J)			<0.005
1/17/2019							<0.005	0.0028 (J)	
3/25/2019	0.017 (J)	<0.005	0.002 (J)						
3/26/2019				0.072	0.017 (J)	0.0018 (J)			<0.005
3/27/2019							<0.005	<0.005	
8/26/2019	0.024 (J)	0.001 (J)							
8/27/2019			0.0027 (J)		0.0097 (J)	0.0062 (J)	0.00092 (J)	0.00085 (J)	<0.005
8/28/2019				0.0071 (J)					
10/7/2019		0.00052 (J)							
10/8/2019	0.021 (J)						0.00091 (J)		<0.005
10/9/2019			0.002 (J)	0.012 (J)	0.011 (J)	0.0019 (J)		0.00081 (J)	
4/6/2020	0.015 (J)	<0.005							
4/7/2020			0.0028 (J)	0.0022 (J)	0.0094 (J)	0.0015 (J)	0.00094 (J)	0.00082 (J)	
4/8/2020									0.00058 (J)
8/17/2020		0.00082 (J)						0.001 (J)	0.00077 (J)
8/18/2020							0.0015 (J)		
8/19/2020	0.015 (J)		0.0022 (J)	0.0012 (J)	0.0037 (J)	0.0028 (J)			
9/28/2020	0.014 (J)	0.00071 (J)				0.0024 (J)			0.00062 (J)
9/29/2020							0.0011 (J)	0.00085 (J)	
9/30/2020				0.0018 (J)	0.0045 (J)				
10/1/2020			0.002 (J)						
3/10/2021			0.003 (J)	0.001 (J)	0.006	0.0023 (J)	0.0013 (J)	0.00091 (J)	
3/11/2021	0.02 (J)								
3/12/2021		0.00074 (J)							
3/15/2021									<0.005
9/21/2021	0.013 (J)	<0.005	0.0018 (J)	<0.005	0.0035 (J)		<0.005	<0.005	<0.005
9/23/2021						0.0023 (J)			

Time Series

Constituent: Chromium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
9/29/2000	<0.005	<0.005	<0.005	<0.005					<0.005
11/21/2000	<0.005	<0.005	<0.005	<0.005	<0.005				<0.005
1/20/2001	<0.005	<0.005	<0.005	<0.005	<0.005				<0.005
3/14/2001	<0.005	<0.005	<0.005	<0.005	<0.005				<0.005
7/16/2001	<0.005	<0.005	<0.005	<0.005	<0.005				<0.005
11/1/2001	<0.005	<0.005	<0.005	<0.005	<0.005				<0.005
4/25/2002	<0.005	<0.005	<0.005	<0.005	<0.005				<0.005
11/20/2002	0.014	0.0058	0.0041	<0.005	<0.005				0.014
6/6/2003	<0.005	0.0068	0.063 (O)	<0.005	<0.005				<0.005
12/12/2003	<0.005	0.0041	0.0059	0.036 (O)	<0.005				<0.005
5/26/2004	<0.005	<0.005	<0.005	<0.005	<0.005				<0.005
12/7/2004	<0.005	0.0026	<0.005	0.0021	<0.005				0.0039
6/21/2005	<0.005	<0.005	<0.005	<0.005	<0.005				0.002
12/12/2005	<0.005	<0.005	<0.005	<0.005	<0.005				<0.005
4/4/2006	<0.005		<0.005						
6/27/2006	<0.005	0.0013	<0.005	<0.005	<0.005				<0.005
8/30/2006	<0.005		<0.005						
12/4/2006	0.0042	<0.005	0.0036	<0.005	<0.005				0.0019
2/15/2007	<0.005		<0.005						
6/23/2007	<0.005	<0.005	0.0016	<0.005	<0.005				0.0015
9/11/2007	<0.005		<0.005						
12/11/2007	<0.005	<0.005	<0.005	<0.005	<0.005				<0.005
3/11/2008	<0.005		<0.005						
6/23/2008									0.0015
6/24/2008	<0.005	0.0014	<0.005	<0.005	<0.005				
11/3/2008	<0.005		0.0025						
12/4/2008	<0.005				<0.005				<0.005
12/5/2008		<0.005	<0.005	<0.005					
3/25/2009	<0.005		<0.005						
7/8/2009	<0.005	<0.005	<0.005	<0.005	<0.005				<0.005
9/14/2009	<0.005		<0.005						
12/20/2009	<0.005	<0.005	<0.005		<0.005				
12/21/2009				<0.005					<0.005
3/4/2010	<0.005		<0.005						
6/20/2010	<0.005	<0.005			<0.005				0.0015
6/21/2010			<0.005	<0.005		<0.005	0.0019	<0.005	
9/14/2010	<0.005		<0.005						
1/6/2011					<0.005				
1/7/2011	0.0016	<0.005	0.0018	<0.005		0.0018	0.0017	<0.005	<0.005
4/15/2011	0.0034		<0.005						
7/7/2011	<0.005	<0.005	<0.005			<0.005			
7/8/2011				0.0013		0.0019	0.0023	<0.005	<0.005
9/25/2011	0.0013		<0.005						
1/17/2012	<0.005	<0.005			<0.005				
1/18/2012			<0.005	<0.005		<0.005	<0.005	<0.005	<0.005
4/4/2012	<0.005		<0.005						
7/9/2012	<0.005	<0.005			<0.005				
7/10/2012			<0.005	<0.005		0.0013	<0.005	<0.005	<0.005
10/9/2012	0.0019		0.0018						
1/17/2013					<0.005				
1/18/2013	0.0017	<0.005	<0.005	<0.005		0.0015	<0.005	<0.005	<0.005
4/5/2013	0.0019		<0.005						

Time Series

Constituent: Chromium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
7/17/2013	0.0017	<0.005	<0.005	<0.005	<0.005	<0.005	0.0019	<0.005	<0.005
10/11/2013	0.0013		<0.005						
1/13/2014		<0.005			<0.005				
1/14/2014	0.001		<0.005	<0.005		0	<0.005	<0.005	<0.005
4/3/2014	0.0031		<0.005						
7/9/2014	0.0012 (J)	<0.005	<0.005	<0.005	<0.005		<0.005		0.0011 (J)
7/10/2014						<0.005		<0.005	
10/24/2014	<0.005		<0.005						
1/12/2015						<0.005			
1/13/2015		<0.005			<0.005				
1/14/2015	0.0013		<0.005	<0.005			<0.005	<0.005	<0.005
5/10/2015	<0.005								
5/11/2015			<0.005						
7/16/2015		<0.005	<0.005		<0.005				
7/17/2015	0.001 (J)						<0.005		0.0013
7/18/2015				<0.005		<0.005		<0.005	
10/6/2015	<0.005		<0.005						
1/17/2016	0.0012 (J)	<0.005	<0.005		<0.005	<0.005	<0.005		
1/18/2016				<0.005				<0.005	<0.005
4/26/2016	<0.005		<0.005						
7/27/2016	0.0008 (J)	0.0007 (J)			0.0008 (J)				
7/28/2016			0.0006 (J)			0.0007 (J)	0.0005 (J)		0.0011 (J)
7/29/2016				0.0009 (J)				0.0007 (J)	
8/31/2016					<0.005			<0.005	0.0024 (J)
9/1/2016	0.0015 (J)	0.0011 (J)	0.0011 (J)	0.0011 (J)		<0.005	<0.005		
10/25/2016	<0.005	<0.005	<0.005			<0.005	<0.005		
10/26/2016				<0.005	0.001 (J)			<0.005	
10/27/2016									<0.005
1/4/2017			<0.005			<0.005	<0.005	<0.005	
1/5/2017	0.001 (J)	<0.005		0.0012 (J)	<0.005				
1/6/2017									<0.005
4/3/2017		0.0015 (J)							
4/4/2017	0.001 (J)				0.0008 (J)	0.0011 (J)	0.0008 (J)		
4/5/2017			0.001 (J)	0.0015 (J)					
4/6/2017								0.0006 (J)	0.0019 (J)
7/11/2017	0.0008 (J)	0.0013 (J)				0.0009 (J)		0.0005 (J)	
7/12/2017			0.0011 (J)						0.0011 (J)
7/13/2017				0.0012 (J)	0.0006 (J)		0.0006 (J)		
10/2/2017	0.0009 (J)	0.0013 (J)				0.0009 (J)			
10/3/2017			0.0009 (J)		<0.005		0.0005 (J)		
10/4/2017				0.0055 (J)				0.0006 (J)	0.0011 (J)
1/9/2018	0.0006 (J)	0.0012 (J)					0.0007 (J)		
1/10/2018			0.0007 (J)		<0.005	0.0008 (J)			
1/11/2018				0.0009 (J)				<0.005	0.001 (J)
7/9/2018	<0.005					<0.005			
7/10/2018		<0.005	<0.005		<0.005		<0.005		
7/11/2018				<0.005				<0.005	<0.005
1/16/2019	<0.005			<0.005					
1/17/2019		<0.005	0.01 (J)				0.01		
1/18/2019								<0.005	<0.005
1/21/2019					<0.005	<0.005			
3/25/2019						<0.005			

Time Series

Constituent: Chromium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
3/26/2019	<0.005	<0.005	<0.005	<0.005			<0.005		
3/27/2019								<0.005	<0.005
7/30/2019					0.00065 (J)				
8/27/2019	0.001 (J)	0.0016 (J)			<0.005			0.00057 (J)	
8/28/2019			0.0011 (J)	0.0013 (J)		0.00089 (J)	0.00087 (J)		0.00089 (J)
10/8/2019	0.00053 (J)	0.0017 (J)	0.00099 (J)				0.00065 (J)		
10/9/2019				0.00081 (J)	0.00049 (J)	0.0011 (J)		0.00072 (J)	0.0009 (J)
4/7/2020	0.00074 (J)	0.0014 (J)	<0.005				<0.005	0.00049 (J)	
4/8/2020				0.00073 (J)	0.00069 (J)	0.001 (J)			0.0015 (J)
8/18/2020	0.00059 (J)	0.0018 (J)	0.0012 (J)	0.0011 (J)	<0.005	0.0011 (J)	0.0012 (J)	0.00056 (J)	
8/19/2020									0.0013 (J)
9/29/2020	<0.005				<0.005				
9/30/2020		0.0016 (J)	0.00098 (J)	0.00096 (J)		0.0013 (J)	0.00067 (J)	0.00064 (J)	
10/1/2020									0.0012 (J)
3/10/2021								<0.005	0.0011 (J)
3/11/2021				0.0009 (J)					
3/12/2021		0.0031 (J)				0.0014 (J)			
3/15/2021					0.0011 (J)				
3/16/2021	<0.005		0.0012 (J)				0.00075 (J)		
9/21/2021								<0.005	
9/22/2021	<0.005		0.0018 (J)	<0.005	<0.005	0.0013 (J)	<0.005		<0.005
9/23/2021		0.0013 (J)							

Time Series

Constituent: Chromium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
3/11/2021	<0.005	0.00069 (J)	0.0016 (J)	0.002 (J)	0.00073 (J)
9/21/2021				<0.005	<0.005
9/22/2021	<0.005	<0.005			
9/23/2021			<0.005		

Time Series

Constituent: Cobalt (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
9/29/2000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
11/21/2000	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1/20/2001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/14/2001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
7/16/2001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
11/1/2001	<0.005	<0.005	<0.005	0.012	<0.005	<0.005	<0.005	<0.005	<0.005
4/25/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/30/2016		<0.005		<0.005	<0.005	<0.005			
8/31/2016							<0.005	0.0018 (J)	<0.005
9/1/2016	0.0102		0.0024 (J)						
10/24/2016		<0.005							
10/25/2016	0.0037 (J)					<0.005			
10/26/2016			0.0011 (J)	<0.005	<0.005		<0.005	0.0016 (J)	<0.005
1/3/2017		<0.005		<0.005					
1/4/2017						<0.005	<0.005	0.0014 (J)	
1/5/2017					<0.005				<0.005
1/6/2017	0.0039 (J)		0.001 (J)						
4/3/2017		0.0005 (J)							
4/4/2017			0.001 (J)			<0.005			
4/5/2017								0.0013 (J)	
4/6/2017	0.006 (J)			<0.005	<0.005		<0.005		<0.005
7/10/2017								0.0013 (J)	
7/11/2017		0.0005 (J)					<0.005		
7/12/2017			0.0008 (J)	<0.005	<0.005	<0.005			<0.005
7/13/2017	0.0037 (J)								
10/2/2017		0.0004 (J)							
10/3/2017				<0.005	<0.005	<0.005	<0.005		
10/4/2017	0.0058 (J)		0.001 (J)					0.0011 (J)	<0.005
1/9/2018	0.0053 (J)	0.0004 (J)			<0.005				
1/10/2018				0.0004 (J)		<0.005			<0.005
1/11/2018			0.0008 (J)				0.0003 (J)	0.0011 (J)	
7/9/2018		<0.005							
7/10/2018				0.002 (J)	<0.005	<0.005			
7/11/2018	<0.05 (O)		<0.005				<0.005	0.00096 (J)	<0.005
8/26/2019	0.0037 (J)	0.00042 (J)							
8/27/2019			0.0011 (J)		0.00038 (J)	<0.005	<0.005	0.0009 (J)	<0.005
8/28/2019				0.0024 (J)					
10/7/2019		0.00046 (J)							
10/8/2019	0.0028 (J)						<0.005		<0.005
10/9/2019			0.0015 (J)	0.0037 (J)	<0.005	<0.005		0.00094 (J)	
4/6/2020	0.0021 (J)	0.00036 (J)							
4/7/2020			0.0009 (J)	0.00053 (J)	<0.005	<0.005	<0.005	0.00077 (J)	
4/8/2020									<0.005
8/17/2020		<0.005						0.0006 (J)	<0.005
8/18/2020							0.0004 (J)		
8/19/2020	0.0021 (J)		0.00072 (J)	<0.005	<0.005	<0.005			
9/28/2020	<0.005	<0.005				<0.005			<0.005
9/29/2020							0.00055 (J)	0.00057 (J)	
9/30/2020				0.00056 (J)	<0.005				
10/1/2020			0.0005 (J)						
3/10/2021			0.00069 (J)	0.0057	<0.005	<0.005	0.00082 (J)	0.00071 (J)	
3/11/2021	0.0023 (J)								

Time Series

Constituent: Cobalt (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
3/12/2021		0.00058 (J)							
3/15/2021									<0.005
9/21/2021	<0.005	<0.005	<0.005	0.019	0.0049 (J)		<0.005	0.00065 (J)	<0.005
9/23/2021						<0.005			

Time Series

Constituent: Cobalt (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
9/29/2000	<0.005	<0.005	<0.005	<0.005					<0.005
11/21/2000	<0.005	<0.005	<0.005	<0.005	<0.005				<0.005
1/20/2001	<0.005	<0.005	<0.005	<0.005	<0.005				<0.005
3/14/2001	<0.005	<0.005	<0.005	<0.005	<0.005				<0.005
7/16/2001	<0.005	<0.005	<0.005	<0.005	<0.005				<0.005
11/1/2001	<0.005	<0.005	<0.005	<0.005	<0.005				<0.005
4/25/2002	<0.005	<0.005	<0.005	<0.005	<0.005				<0.005
8/31/2016					<0.005			0.001 (J)	0.0021 (J)
9/1/2016	<0.005	<0.005	<0.005	0.0046 (J)		<0.005	<0.005		
10/25/2016	<0.005	<0.005	<0.005			<0.005	<0.005		
10/26/2016				0.0046 (J)	0.0011 (J)			0.0009 (J)	
10/27/2016									0.0017 (J)
1/4/2017			<0.005			<0.005	<0.005	0.0007 (J)	
1/5/2017	<0.005	<0.005		0.0062 (J)	<0.005				
1/6/2017									0.0017 (J)
4/3/2017		<0.005							
4/4/2017	<0.005				<0.005	<0.005	<0.005		
4/5/2017			<0.005	0.007 (J)					
4/6/2017								<0.005	0.0017 (J)
7/11/2017	0.0003 (J)	<0.005				<0.005		<0.005	
7/12/2017			<0.005						0.0016 (J)
7/13/2017				0.0077 (J)	0.0003 (J)		<0.005		
10/2/2017	<0.005	<0.005				<0.005			
10/3/2017			<0.005		0.0003 (J)		<0.005		
10/4/2017				0.0073 (J)				0.0007 (J)	0.0015 (J)
1/9/2018	<0.005	<0.005					<0.005		
1/10/2018			<0.005		<0.005	<0.005			
1/11/2018				0.0061 (J)				<0.005	0.0017 (J)
7/9/2018	<0.005					<0.005			
7/10/2018		<0.005	<0.005		<0.005		<0.005		
7/11/2018				0.0064 (J)				<0.005	0.0017 (J)
7/30/2019					0.00032 (J)				
8/27/2019	<0.005	<0.005			<0.005			0.00077 (J)	
8/28/2019			<0.005	0.0023 (J)		<0.005	<0.005		0.00099 (J)
10/8/2019	<0.005	<0.005	<0.005				<0.005		
10/9/2019				0.0024 (J)	<0.005	<0.005		<0.005	0.00099 (J)
4/7/2020	<0.005	<0.005	<0.005				<0.005	0.00037 (J)	
4/8/2020				0.0024 (J)	0.00036 (J)	<0.005			0.001 (J)
8/18/2020	<0.005	<0.005	<0.005	0.0025 (J)	<0.005	<0.005	<0.005	<0.005	
8/19/2020									0.0011 (J)
9/29/2020	<0.005				<0.005				
9/30/2020		<0.005	<0.005	0.0018 (J)		<0.005	<0.005	<0.005	
10/1/2020									0.00099 (J)
3/10/2021								<0.005	0.00096 (J)
3/11/2021				0.0019 (J)					
3/12/2021		<0.005				<0.005			
3/15/2021					<0.005				
3/16/2021	<0.005		<0.005				<0.005		
9/21/2021								<0.005	
9/22/2021	<0.005		<0.005	0.0028 (J)	<0.005	<0.005	<0.005		0.00082 (J)
9/23/2021		<0.005							

Time Series

Constituent: Cobalt (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
3/11/2021	<0.005	<0.005	<0.005	<0.005	<0.005
9/21/2021				<0.005	<0.005
9/22/2021	<0.005	<0.005			
9/23/2021			<0.005		

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
8/30/2016		2.72		1.81	2.19	2.36			
8/31/2016							2.2	2.61	1.23
9/1/2016	11		5.27						
10/24/2016		2.96							
10/25/2016	10.5					2.02			
10/26/2016			2.32	2.03	2.67		1.96	3.28	0.641 (U)
1/3/2017		2.76		1.85					
1/4/2017						2.1	1.88	3.77	
1/5/2017					3.74				0.657 (U)
1/6/2017	6.81		5.1						
4/3/2017		1.36							
4/4/2017			5			1.39 (U)			
4/5/2017								3.25	
4/6/2017	8.93			2.66	2.36				0.439 (U)
4/8/2017							0.893 (U)		
7/10/2017								1.55	
7/11/2017		1.85					1.89		
7/12/2017			2.69	2.1	1.54	1.63			0.414 (U)
7/13/2017	8.51								
10/2/2017		1.9							
10/3/2017				2	3.63	1.84	4.73		
10/4/2017	3.85		4.82					1.68	1.33
1/9/2018	4.28	2.39			2.07				
1/10/2018				2.55		2.11			1.21
1/11/2018			4.48				7.49	2.94	
7/9/2018		1.49							
7/10/2018				3.14	1.63	1.29			
7/11/2018	5.99		2.69				5.88	2.03	1.4 (U)
8/26/2019	6.03	3.03							
8/27/2019			2.97		4.63	2.41	5.09	2.09	1.27
8/28/2019				3.74					
10/7/2019		2.83							
10/8/2019	33.8						6.39		1.62
10/9/2019			2.17	7.23	5.45	3.13		3.11	
4/6/2020	25.7	2.83							
4/7/2020			2.44	3.57	6.25	1.97	7.87	2.18	
4/8/2020									1.08 (U)
8/17/2020		2.63						2.25	1.42
8/18/2020							6.76		
8/19/2020	5.45		3.1	2.49	4.53	1.91			
9/28/2020	22.4	2.08				1.29			1.28
9/29/2020							8.3	0.845 (U)	
9/30/2020				4.45	6.39				
10/1/2020			2.6						
3/10/2021			2.11	4.67	4.61	1.7	7.55	1.77	
3/11/2021	3.22								
3/12/2021		2.17							
3/15/2021									0.769 (U)
9/21/2021	10.3	0.73 (U)	2.45	3.1	5.07		4.35	1.24 (U)	2.09
9/23/2021						1.48			

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
8/31/2016					1.01			5.96	3.3
9/1/2016	1.28	2.45	1.99	5.19		2.21	1.05		
10/25/2016	1.54	1.04 (U)	1.98			1.51 (U)	1.2		
10/26/2016				4.25	0.725 (U)			7.42	
10/27/2016									2.7
1/4/2017			1.72			2.56	2.11	6.07	
1/5/2017	0.715 (U)	1.36		3.55	0.735 (U)				
1/6/2017									4.45
4/3/2017		0.697 (U)							
4/4/2017	0.699 (U)				0.87 (U)	1.77	2.02		
4/5/2017			1.72	4.39					
4/6/2017								3	3.1
7/11/2017	1.12	0.754 (U)				2.76		4.2	
7/12/2017			1.11						2.73
7/13/2017				2.44	0.42 (U)		0.576 (U)		
10/2/2017	0.855 (U)	1.52				4.15			
10/3/2017			2.13		0.995 (U)		0.86		
10/4/2017				4.95				7.16	8.16
1/9/2018	0.861 (U)	1.17					1.43		
1/10/2018			1.74		0.698 (U)	1.96			
1/11/2018				3.53				3.57	2.31
7/9/2018	0.693 (U)					1.11			
7/10/2018		1.26	1.97		1.01		1.63		
7/11/2018				3.13				7.57	3.31
8/27/2019	1.32	1.75			0.787 (U)			7.04	
8/28/2019			2.04	2.01		1.13 (U)	1.4 (U)		1.91
10/8/2019	1.41	1.52	1.89				1.88		
10/9/2019				2.91	0.22 (U)	2.28		3.68	3.09
4/7/2020	1.41	1.82	4.17				1.8	7.66	
4/8/2020				2.79	1.13 (U)	4.19			1.92
8/18/2020	0.731 (U)	1.84	4.24	3.11	1.09 (U)	6.86	3.27	7.65	
8/19/2020									2.34
9/29/2020	0.331 (U)				1 (U)				
9/30/2020		2.14	2.47	3.09		5.62	3.83	2.79	
10/1/2020									3.3
3/10/2021								2.53	2.08
3/11/2021				2.77					
3/12/2021		0.607 (U)				5.17			
3/15/2021					0.804 (U)				
3/16/2021	0.0831 (U)		2.15				2.88		
9/21/2021								1.25 (U)	
9/22/2021	1.94 (U)		3.06	2.36	0.769 (U)	6.84	0.959 (U)		2.08
9/23/2021		1.64							

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
3/11/2021	1.55	1.29	0.353 (U)	0.783 (U)	1.67
9/21/2021				0.815 (U)	0.593 (U)
9/22/2021	1.4	0.982 (U)			
9/23/2021			1.15		

Time Series

Constituent: Fluoride (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
8/30/2016		0.1 (J)		0.04 (J)	0.09 (J)	0.22 (J)			
8/31/2016							<0.1	0.7	<0.1
9/1/2016	<0.1		<0.1						
10/24/2016		0.18 (J)							
10/25/2016	0.07 (J)					<0.1			
10/26/2016			0.05 (J)	0.05 (J)	0.24 (J)		<0.1	0.91	0.55
1/3/2017		0.18 (J)		0.08 (J)					
1/4/2017						0.18 (J)	<0.1	0.51	
1/5/2017					0.11 (J)				0.09 (J)
1/6/2017	0.2 (J)		0.08 (J)						
4/3/2017		0.12 (J)							
4/4/2017			<0.1			<0.1			
4/5/2017								0.71	
4/6/2017	0.05 (J)			0.006 (J)	0.3		<0.1		<0.1
7/10/2017								0.88	
7/11/2017		0.39					<0.1		
7/12/2017			0.38	0.05 (J)	0.15 (J)	0.04 (J)			<0.1
7/13/2017	0.41								
10/2/2017		0.12 (J)							
10/3/2017				0.11 (J)	0.11 (J)	<0.1	<0.1		
10/4/2017	0.04 (J)		<0.1					0.37	<0.1
1/9/2018	0.46	0.21 (J)			<0.1				
1/10/2018				<0.1		<0.1			<0.1
1/11/2018			<0.1				<0.1	1.4	
7/9/2018		0.04 (J)							
7/10/2018				0.2 (J)	<0.1	<0.1			
7/11/2018	<0.1		<0.1				<0.1	0.62	<0.1
1/16/2019	0.49	<0.1	1.2	<0.1	0.053 (J)	<0.1			<0.1
1/17/2019							<0.1	1.2	
3/25/2019	0.21 (J)	0.082 (J)	0.064 (J)						
3/26/2019				<0.1	0.046 (J)	0.051 (J)			0.052 (J)
3/27/2019							<0.1	0.036 (J)	
8/26/2019	<0.1	0.13							
8/27/2019			0.031 (J)		0.13 (J)	<0.1	<0.1	0.3	<0.1
8/28/2019				0.097 (J)					
10/7/2019		<0.1							
10/8/2019	<0.1						<0.1		<0.1
10/9/2019			<0.1	<0.1	<0.1	<0.1		<0.1	
4/6/2020	0.13 (J)	0.089 (J)							
4/7/2020			<0.1	<0.1	<0.1	<0.1	<0.1	0.27 (J)	
4/8/2020									<0.1
8/17/2020		0.079 (J)						0.19	<0.1
8/18/2020							<0.1		
8/19/2020	0.21		0.17	<0.1	<0.1	<0.1			
9/28/2020	0.069 (J)	<0.1				<0.1			<0.1
9/29/2020							<0.1	0.16	
9/30/2020				<0.1	<0.1				
10/1/2020			<0.1						
3/10/2021			<0.1	<0.1	<0.1	<0.1	<0.1	0.14	
3/11/2021	<0.1								
3/12/2021		0.087 (J)							
3/15/2021									<0.1

Time Series

Constituent: Fluoride (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
9/21/2021	0.077 (J)	0.068 (J)	<0.1	<0.1	<0.1		<0.1	0.31	<0.1
9/23/2021						<0.1			

Time Series

Constituent: Fluoride (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
8/31/2016					0.07 (J)			0.04 (J)	0.55
9/1/2016	0.25 (J)	<0.1	0.55	0.68		<0.1	<0.1		
10/25/2016	0.43	0.5	0.36			<0.1	<0.1		
10/26/2016				0.68	0.62			0.12 (J)	
10/27/2016									0.26 (J)
1/4/2017			0.1 (J)			0.04 (J)	<0.1	0.06 (J)	
1/5/2017	0.21 (J)	0.22 (J)		0.73	0.17 (J)				
1/6/2017									0.25 (J)
4/3/2017		<0.1							
4/4/2017	0.45				0.08 (J)	0.02 (J)	<0.1		
4/5/2017			0.2 (J)	1.6					
4/6/2017								<0.1	0.16 (J)
7/11/2017	0.41	0.06 (J)				0.14 (J)		0.03 (J)	
7/12/2017			0.04 (J)						0.2 (J)
7/13/2017				1.7	0.06 (J)		<0.1		
10/2/2017	<0.1	<0.1				<0.1			
10/3/2017			0.86		0.06 (J)		<0.1		
10/4/2017				1.8				0.12 (J)	0.22 (J)
1/9/2018	<0.1	<0.1					<0.1		
1/10/2018			<0.1		<0.1	<0.1			
1/11/2018				1.5				<0.1	0.98
7/9/2018	<0.1					<0.1			
7/10/2018		0.15 (J)	<0.1		<0.1		<0.1		
7/11/2018				1.8				<0.1	0.14 (J)
1/16/2019	<0.1			1.4					
1/17/2019		<0.1	<0.1				<0.1		
1/18/2019								<0.1	0.24 (J)
1/21/2019					<0.1	<0.1			
3/25/2019						0.043 (J)			
3/26/2019	0.13 (J)	0.13 (J)	0.11 (J)	0.89			0.071 (J)		
3/27/2019								<0.1	0.13 (J)
7/30/2019					0.083 (J)				
8/27/2019	<0.1	<0.1			<0.1			0.1	
8/28/2019			<0.1	0.61		<0.1	<0.1		0.088 (J)
10/8/2019	<0.1	<0.1	<0.1				<0.1		
10/9/2019				<0.1	<0.1	<0.1		<0.1	0.068 (J)
4/7/2020	<0.1	<0.1	<0.1				<0.1	<0.1	
4/8/2020				0.55	<0.1	<0.1			0.058 (J)
8/18/2020	<0.1	<0.1	<0.1	0.51	<0.1	<0.1	<0.1	<0.1	
8/19/2020									0.092 (J)
9/29/2020	<0.1				<0.1				
9/30/2020		<0.1	<0.1	0.15		<0.1	<0.1	<0.1	
10/1/2020									<0.1
3/10/2021								<0.1	0.066 (J)
3/11/2021				0.42					
3/12/2021		<0.1				<0.1			
3/15/2021					<0.1				
3/16/2021	<0.1		<0.1				<0.1		
9/21/2021								<0.1	
9/22/2021	<0.1		<0.1	0.79	<0.1	<0.1	<0.1		0.13
9/23/2021		<0.1							

Time Series

Constituent: Fluoride (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
1/20/2021			0.11	<0.1	<0.1
1/21/2021	<0.1	<0.1			
3/11/2021	<0.1	<0.1	0.12	<0.1	<0.1
9/21/2021				<0.1	<0.1
9/22/2021	<0.1	<0.1			
9/23/2021			0.096 (J)		

Time Series

Constituent: Lead (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
9/29/2000	<0.001	<0.001	0.0083	0.017 (O)	<0.001	<0.001	<0.001	<0.001	<0.001
11/21/2000	<0.001		0.0052	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1/20/2001	<0.001	<0.001	<0.001	0.011	<0.001	<0.001	<0.001	<0.001	<0.001
3/14/2001	<0.001	<0.001	<0.001	0.026 (O)	<0.001	<0.001	<0.001	<0.001	<0.001
7/16/2001	<0.001	<0.001	0.011	0.043 (O)	<0.001	<0.001	<0.001	<0.001	<0.001
11/1/2001	<0.001	<0.001	<0.001	0.075 (O)	<0.001	<0.001	<0.001	<0.001	<0.001
4/25/2002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
11/20/2002		<0.001	0.018 (O)	0.057 (O)	0.0057 (J)	<0.001	<0.001	<0.001	<0.001
6/6/2003	0.037 (O)	0.016 (O)	0.015 (O)	0.16 (O)	0.013	<0.001	0.0068	<0.001	0.0078
12/12/2003	0.008	0.0095	0.0072	<0.001	<0.001	<0.001	<0.001	<0.001	0.0055
5/26/2004	<0.001	<0.001	0.0055	0.011	<0.001	<0.001	<0.001	<0.001	<0.001
12/7/2004	<0.001	<0.001	<0.001	0.038 (O)	<0.001	<0.001	<0.001	<0.001	<0.001
6/21/2005	<0.001	<0.001	<0.001	0.036 (O)	<0.001	<0.001	<0.001	<0.001	<0.001
12/12/2005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/4/2006		<0.001							
6/27/2006	<0.001	<0.001	0.024 (O)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/30/2006		<0.001							
12/4/2006	<0.001	<0.001	0.023 (O)	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/15/2007		<0.001							
6/23/2007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/11/2007		<0.001							
12/11/2007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/11/2008		<0.001							
6/23/2008	<0.001	<0.001					<0.001	<0.001	<0.001
6/24/2008			0.02 (O)	<0.001	0.02	<0.001			
11/3/2008		<0.001							
12/4/2008	<0.001	<0.001					<0.001	<0.001	<0.001
12/5/2008			<0.001	<0.001	<0.001	<0.001			
3/25/2009		<0.001							
7/7/2009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
7/8/2009							<0.001	<0.001	<0.001
9/14/2009		<0.001							
12/20/2009	<0.001	<0.001				<0.001			
12/21/2009			<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
3/4/2010		<0.001							
6/20/2010	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
6/21/2010			<0.001						
9/14/2010		<0.001							
1/6/2011				<0.001		<0.001	<0.001		<0.001
1/7/2011	<0.001	<0.001	<0.001		<0.001			<0.001	
4/15/2011		<0.001							
7/7/2011	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
7/8/2011			<0.001						
9/25/2011		<0.001							
1/17/2012	<0.001	<0.001		<0.001		<0.001	<0.001	<0.001	<0.001
1/18/2012			<0.001		<0.001				
4/4/2012		<0.001							
7/9/2012	<0.001			<0.001		<0.001	<0.001	<0.001	<0.001
7/10/2012		<0.001	<0.001		<0.001				
10/9/2012		<0.001							
1/17/2013				<0.001		<0.001	<0.001	<0.001	<0.001
1/18/2013	<0.001	<0.001	<0.001		<0.001				

Time Series

Constituent: Lead (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
4/5/2013		<0.001							
7/16/2013				<0.001		<0.001	<0.001	<0.001	<0.001
7/17/2013	<0.001	<0.001	<0.001		<0.001				
10/11/2013		<0.001							
1/13/2014	0.013			<0.001		<0.001	<0.001	0.004	<0.001
1/14/2014		<0.001	0.005		<0.001				
4/3/2014		<0.001							
7/8/2014							<0.001	<0.001	<0.001
7/9/2014	0.0076 (J)	<0.001	<0.001	<0.001	<0.001	<0.001			
10/24/2014		<0.001							
1/12/2015			<0.001						
1/13/2015	0.0057 (J)			<0.001		<0.001	<0.001	<0.001	<0.001
1/14/2015		<0.001			<0.001				
5/10/2015		<0.001							
7/16/2015	0.009 (J)		<0.001	<0.001		<0.001	<0.001	0.0044 (J)	<0.001
7/17/2015		<0.001			<0.001				
10/6/2015		<0.001							
1/17/2016						<0.001			
1/18/2016	0.0094 (J)	<0.001	0.0055 (J)	<0.001	<0.001			0.0034 (J)	<0.001
1/19/2016							<0.001		
4/26/2016		<0.001							
7/26/2016							0.0001 (J)		<0.001
7/27/2016	0.0058			<0.001		<0.001		0.0001 (J)	
7/28/2016		<0.001			<0.001				
7/29/2016			0.003 (J)						
8/30/2016		<0.001		<0.001	<0.001	<0.001			
8/31/2016							0.0002 (J)	0.0001 (J)	<0.001
9/1/2016	0.0663 (O)		0.0166 (O)						
10/24/2016		<0.001							
10/25/2016	0.0003 (J)					<0.001			
10/26/2016			0.0057	0.0002 (J)	<0.001		0.0001 (J)	0.0001 (J)	<0.001
1/3/2017		0.0001 (J)		0.0001 (J)					
1/4/2017						<0.001	0.0002 (J)	<0.001	
1/5/2017					0.0003 (J)				0.0002 (J)
1/6/2017	0.006		0.0053						
4/3/2017		0.0002 (J)							
4/4/2017			0.0092			<0.001			
4/5/2017								0.0003 (J)	
4/6/2017	0.0109			0.0003 (J)	0.0002 (J)		0.0003 (J)		0.0005 (J)
7/10/2017								0.0003 (J)	
7/11/2017		0.0001 (J)					0.0002 (J)		
7/12/2017			0.006	0.0002 (J)	0.0002 (J)	<0.001			0.0005 (J)
7/13/2017	0.007								
10/2/2017		0.0001 (J)							
10/3/2017				0.0002 (J)	0.0001 (J)	<0.001	0.0003 (J)		
10/4/2017	0.0042 (J)		0.0057					0.0001 (J)	0.0007 (J)
1/9/2018	0.0098	0.0001 (J)			0.0003 (J)				
1/10/2018				0.0003 (J)		0.0001 (J)			0.0009 (J)
1/11/2018			0.0085				0.0003 (J)	0.0002 (J)	
7/9/2018		<0.001							
7/10/2018				<0.001	<0.001	<0.001			
7/11/2018	0.0028 (J)		0.0029 (J)				<0.001	<0.001	0.0015 (J)

Time Series

Constituent: Lead (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
1/16/2019	<0.025 (O)	<0.001	<0.001	<0.001	<0.001	<0.001			0.00061 (J)
1/17/2019							0.00028 (J)	<0.001	
3/25/2019	0.0019 (J)	<0.001	<0.001						
3/26/2019				<0.001	<0.001	<0.001			<0.001
3/27/2019							0.00029 (J)	<0.001	
8/26/2019	0.013 (J)	<0.001							
8/27/2019			0.001 (J)		0.0011 (J)	<0.001	0.00021 (J)	<0.001	0.0001 (J)
8/28/2019				0.0011 (J)					
10/7/2019		<0.001							
10/8/2019	0.0098 (J)						0.00028 (J)		0.00013 (J)
10/9/2019			0.00041 (J)	0.0025 (J)	0.00033 (J)	<0.001		6.6E-05 (J)	
4/6/2020	0.0024 (J)	0.0001 (J)							
4/7/2020			0.00073 (J)	0.0014 (J)	0.00063 (J)	0.00012 (J)	0.00036 (J)	8.1E-05 (J)	
4/8/2020									0.00017 (J)
8/17/2020		<0.001						4.9E-05 (J)	7.6E-05 (J)
8/18/2020							0.00035 (J)		
8/19/2020	0.0044 (J)		0.00048 (J)	7.9E-05 (J)	0.00014 (J)	<0.001			
9/28/2020	0.0043 (J)	<0.001				4.3E-05 (J)			6.4E-05 (J)
9/29/2020							0.00032 (J)	3.7E-05 (J)	
9/30/2020				0.0012 (J)	8E-05 (J)				
10/1/2020			0.00026 (J)						
3/10/2021			0.0003 (J)	5.2E-05 (J)	9.6E-05 (J)	0.0001 (J)	0.00042 (J)	6.8E-05 (J)	
3/11/2021	0.0079								
3/12/2021		9.3E-05 (J)							
3/15/2021									0.00013 (J)
9/21/2021	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
9/23/2021						<0.001			

Time Series

Constituent: Lead (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
9/29/2000	<0.001	<0.001	<0.001	<0.001					<0.001
11/21/2000	<0.001	<0.001	<0.001	<0.001	0.0069				<0.001
1/20/2001	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
3/14/2001	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
7/16/2001	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
11/1/2001	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
4/25/2002	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
11/20/2002	0.011 (O)	<0.001	<0.001	<0.001	<0.001				0.0086 (O)
6/6/2003	<0.001	<0.001	0.099 (O)	<0.001	<0.001				<0.001
12/12/2003	<0.001	0.0065	0.017 (O)	<0.001	<0.001				<0.001
5/26/2004	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
12/7/2004	<0.001	<0.001	<0.001	<0.001	<0.001				0.0051
6/21/2005	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
12/12/2005	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
4/4/2006	<0.001		<0.001						
6/27/2006	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
8/30/2006	<0.001		<0.001						
12/4/2006	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
2/15/2007	<0.001		<0.001						
6/23/2007	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
9/11/2007	<0.001		<0.001						
12/11/2007	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
3/11/2008	<0.001		<0.001						
6/23/2008									<0.001
6/24/2008	<0.001	<0.001	<0.001	<0.001	<0.001				
11/3/2008	<0.001		<0.001						
12/4/2008	<0.001				<0.001				<0.001
12/5/2008		<0.001	<0.001	<0.001					
3/25/2009	<0.001		<0.001						
7/8/2009	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
9/14/2009	<0.001		<0.001						
12/20/2009	<0.001	<0.001	<0.001		<0.001				
12/21/2009				<0.001					<0.001
3/4/2010	<0.001		<0.001						
6/20/2010	<0.001	<0.001			<0.001				<0.001
6/21/2010			<0.001	<0.001		<0.001	<0.001	<0.001	
9/14/2010	<0.001		<0.001						
1/6/2011					<0.001				
1/7/2011	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
4/15/2011	<0.001		<0.001						
7/7/2011	<0.001	<0.001	<0.001			<0.001			
7/8/2011				<0.001		<0.001	<0.001	<0.001	<0.001
9/25/2011	<0.001		<0.001						
1/17/2012	<0.001	<0.001			<0.001				
1/18/2012			<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
4/4/2012	<0.001		<0.001						
7/9/2012	<0.001	<0.001			<0.001				
7/10/2012			<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
10/9/2012	<0.001		<0.001						
1/17/2013					<0.001				
1/18/2013	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
4/5/2013	<0.001		<0.001						

Time Series

Constituent: Lead (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
7/17/2013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10/11/2013	<0.001		<0.001						
1/13/2014		<0.001			<0.001				
1/14/2014	<0.001		<0.001	<0.001		<0.001	<0.001	<0.001	<0.001
4/3/2014	<0.001		<0.001						
7/9/2014	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001		<0.001
7/10/2014						<0.001		<0.001	
10/24/2014	<0.001		<0.001						
1/12/2015						<0.001			
1/13/2015		<0.001			<0.001				
1/14/2015	<0.001		<0.001	<0.001			<0.001	<0.001	<0.001
5/10/2015	<0.001								
5/11/2015			<0.001						
7/16/2015		<0.001	<0.001		<0.001				
7/17/2015	<0.001						<0.001		<0.001
7/18/2015				<0.001		<0.001		<0.001	
1/17/2016	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001		
1/18/2016				<0.001				<0.001	<0.001
4/26/2016	<0.001		<0.001						
7/27/2016	<0.001	<0.001			<0.001				
7/28/2016			<0.001			<0.001	<0.001		<0.001
7/29/2016				<0.001				0.0004 (J)	
8/31/2016					<0.001			0.0003 (J)	0.0007 (J)
9/1/2016	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001		
10/25/2016	<0.001	<0.001	0.0002 (J)			0.0001 (J)	<0.001		
10/26/2016				<0.001	<0.001			0.0003 (J)	
10/27/2016									<0.001
1/4/2017			0.0001 (J)			<0.001	<0.001	0.0003 (J)	
1/5/2017	<0.001	<0.001		<0.001	<0.001				
1/6/2017									<0.001
4/3/2017		0.0003 (J)							
4/4/2017	0.0001 (J)				0.0002 (J)	7E-05 (J)	9E-05 (J)		
4/5/2017			0.0002 (J)	0.0009 (J)					
4/6/2017								0.0003 (J)	0.0001 (J)
7/11/2017	8E-05 (J)	0.0001 (J)				<0.001		0.0002 (J)	
7/12/2017			0.0001 (J)						<0.001
7/13/2017				<0.001	0.0003 (J)		7E-05 (J)		
10/2/2017	0.0001 (J)	0.0002 (J)				<0.001			
10/3/2017			0.0001 (J)		<0.001		0.0001 (J)		
10/4/2017				0.0001 (J)				0.0008 (J)	9E-05 (J)
1/9/2018	<0.001	0.0002 (J)					9E-05 (J)		
1/10/2018			0.0002 (J)		8E-05 (J)	0.0002 (J)			
1/11/2018				0.0001 (J)				0.0009 (J)	0.0002 (J)
7/9/2018	<0.001					<0.001			
7/10/2018		<0.001	<0.001		<0.001		<0.001		
7/11/2018				<0.001				0.001 (J)	<0.001
1/16/2019	<0.001			<0.001					
1/17/2019		<0.001	<0.001				<0.001		
1/18/2019								0.0012 (J)	<0.001
1/21/2019					<0.001	<0.001			
3/25/2019						<0.001			
3/26/2019	<0.001	<0.001	<0.001	<0.001			<0.001		

Time Series

Constituent: Lead (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
3/27/2019								0.00047 (J)	<0.001
7/30/2019					0.0002 (J)				
8/27/2019	0.00051 (J)	0.00033 (J)			<0.001			0.003 (J)	
8/28/2019			0.0001 (J)	<0.001		6.5E-05 (J)	0.00018 (J)		6.1E-05 (J)
10/8/2019	<0.001	0.00012 (J)	0.0001 (J)				0.00016 (J)		
10/9/2019				0.00015 (J)	6.4E-05 (J)	0.00018 (J)		0.00032 (J)	<0.001
4/7/2020	<0.001	8.6E-05 (J)	0.00023 (J)				<0.001	0.00067 (J)	
4/8/2020				8.4E-05 (J)	<0.001	<0.001			0.00021 (J)
8/18/2020	<0.001	9E-05 (J)	0.00017 (J)	0.00014 (J)	<0.001	<0.001	0.00027 (J)	0.00072 (J)	
8/19/2020									9.6E-05 (J)
9/29/2020	<0.001				<0.001				
9/30/2020		4.7E-05 (J)	9.1E-05 (J)	6E-05 (J)		<0.001	5.4E-05 (J)	0.00023 (J)	
10/1/2020									3.8E-05 (J)
3/10/2021								0.00016 (J)	0.00012 (J)
3/11/2021				0.00019 (J)					
3/12/2021		5.3E-05 (J)				<0.001			
3/15/2021					4.1E-05 (J)				
3/16/2021	<0.001		7.3E-05 (J)				<0.001		
9/21/2021								<0.001	
9/22/2021	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
9/23/2021		<0.001							

Time Series

Constituent: Lead (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
3/11/2021	5.7E-05 (J)	9.4E-05 (J)	9.5E-05 (J)	0.00015 (J)	0.00022 (J)
9/21/2021				<0.001	<0.001
9/22/2021	<0.001	<0.001			
9/23/2021			<0.001		

Time Series

Constituent: Lithium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
8/30/2016		<0.03		0.0042 (J)	<0.03	<0.03			
8/31/2016							<0.03	<0.03	<0.03
9/1/2016	<0.03		0.0092 (J)						
10/24/2016		<0.03							
10/25/2016	<0.03					<0.03			
10/26/2016			0.0046 (J)	<0.03	<0.03		<0.03	<0.03	<0.03
1/3/2017		<0.03		0.0024 (J)					
1/4/2017						<0.03	<0.03	<0.03	
1/5/2017					<0.03				<0.03
1/6/2017	<0.03		0.0042 (J)						
4/3/2017		<0.03							
4/4/2017			0.0056 (J)			<0.03			
4/5/2017								0.0012 (J)	
4/6/2017	<0.03			0.0051 (J)	<0.03		<0.03		<0.03
7/10/2017								<0.03	
7/11/2017		<0.03					<0.03		
7/12/2017			0.0035 (J)	0.0031 (J)	<0.03	<0.03			<0.03
7/13/2017	<0.03								
10/2/2017		<0.03							
10/3/2017				0.0027 (J)	<0.03	<0.03	<0.03		
10/4/2017	<0.03		0.0041 (J)					<0.03	<0.03
1/9/2018	<0.03	<0.03			<0.03				
1/10/2018				0.0041 (J)		<0.03			<0.03
1/11/2018			0.0052 (J)				<0.03	<0.03	
7/9/2018		0.001 (J)							
7/10/2018				0.005 (J)	<0.03	<0.03			
7/11/2018	<0.03		0.0039 (J)				<0.03	0.00098 (J)	<0.03
8/26/2019	<0.03	0.0012 (J)							
8/27/2019			0.013 (J)		<0.03	<0.03	<0.03	0.00094 (J)	<0.03
8/28/2019				<0.03					
10/7/2019		0.0012 (J)							
10/8/2019	<0.03						<0.03		<0.03
10/9/2019			0.013 (J)	<0.03	<0.03	<0.03		0.0011 (J)	
4/6/2020	<0.03	0.00086 (J)							
4/7/2020			0.014 (J)	<0.03	<0.03	<0.03	<0.03	0.00094 (J)	
4/8/2020									<0.03
8/17/2020		0.001 (J)						0.00091 (J)	<0.03
8/18/2020							<0.03		
8/19/2020	<0.03		0.014 (J)	<0.03	<0.03	<0.03			
9/28/2020	<0.03	0.001 (J)				<0.03			<0.03
9/29/2020							<0.03	0.00086 (J)	
9/30/2020				<0.03	<0.03				
10/1/2020			0.013 (J)						
3/10/2021			0.012 (J)	<0.03	<0.03	<0.03	<0.03	0.00095 (J)	
3/11/2021	<0.03								
3/12/2021		0.0013 (J)							
3/15/2021									<0.03
9/21/2021	<0.03	0.00092 (J)	0.016 (J)	<0.03	<0.03		<0.03	0.00091 (J)	0.00087 (J)
9/23/2021						<0.03			

Time Series

Constituent: Lithium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
8/31/2016					<0.03			<0.03	<0.05 (O)
9/1/2016	<0.03	<0.03	<0.03	0.0066 (J)		<0.03	<0.03		
10/25/2016	<0.03	<0.03	<0.03			<0.03	<0.03		
10/26/2016				0.0065 (J)	<0.03			<0.03	
10/27/2016									0.0023 (J)
1/4/2017			<0.03			<0.03	<0.03	<0.03	
1/5/2017	<0.03	<0.03		0.0062 (J)	<0.03				
1/6/2017									0.0021 (J)
4/3/2017		<0.03							
4/4/2017	<0.03				<0.03	<0.03	<0.03		
4/5/2017			<0.03	0.007 (J)					
4/6/2017								<0.03	0.0021 (J)
7/11/2017	<0.03	<0.03				<0.03		<0.03	
7/12/2017			<0.03						0.0017 (J)
7/13/2017				0.0069 (J)	<0.03		<0.03		
10/2/2017	<0.03	<0.03				<0.03			
10/3/2017			<0.03		<0.03		<0.03		
10/4/2017				0.0082 (J)				<0.03	0.0021 (J)
1/9/2018	<0.03	<0.03					<0.03		
1/10/2018			<0.03		<0.03	<0.03			
1/11/2018				0.0061 (J)				<0.03	0.0022 (J)
7/9/2018	<0.03					<0.03			
7/10/2018		<0.03	<0.03		<0.03		<0.03		
7/11/2018				0.0075 (J)				<0.03	0.0019 (J)
7/30/2019					<0.03				
8/27/2019	<0.03	<0.03			<0.03			<0.03	
8/28/2019			<0.03	0.0041 (J)		<0.03	<0.03		0.0018 (J)
10/8/2019	<0.03	<0.03	<0.03				<0.03		
10/9/2019				0.0046 (J)	<0.03	<0.03		<0.03	0.0018 (J)
4/7/2020	<0.03	<0.03	<0.03				<0.03	<0.03	
4/8/2020				0.0051 (J)	<0.03	<0.03			0.0018 (J)
8/18/2020	<0.03	<0.03	<0.03	0.0065 (J)	<0.03	<0.03	<0.03	<0.03	
8/19/2020									0.0019 (J)
9/29/2020	<0.03				<0.03				
9/30/2020		<0.03	<0.03	0.0041 (J)		<0.03	<0.03	<0.03	
10/1/2020									0.0019 (J)
3/10/2021								<0.03	0.0018 (J)
3/11/2021				0.0036 (J)					
3/12/2021		<0.03				<0.03			
3/15/2021					<0.03				
3/16/2021	<0.03		<0.03				<0.03		
9/21/2021								<0.03	
9/22/2021	<0.03		<0.03	0.005 (J)	<0.03	<0.03	<0.03		0.0015 (J)
9/23/2021		<0.03							

Time Series

Constituent: Lithium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
3/11/2021	<0.03	<0.03	<0.03	<0.03	<0.03
9/21/2021				<0.03	<0.03
9/22/2021	<0.03	<0.03			
9/23/2021			<0.03		

Time Series

Constituent: Mercury (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
8/30/2016		<0.0002		<0.0002	<0.0002	4E-05 (J)			
8/31/2016							<0.0002	<0.0002	<0.0002
9/1/2016	0.00017 (J)		<0.0002						
10/24/2016		<0.0002							
10/25/2016	<0.0002					<0.0002			
10/26/2016			<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002
1/3/2017		<0.0002		<0.0002					
1/4/2017						<0.0002	<0.0002	<0.0002	
1/5/2017					<0.0002				<0.0002
1/6/2017	<0.0002		<0.0002						
4/3/2017		<0.0002							
4/4/2017			<0.0002			<0.0002			
4/5/2017								<0.0002	
4/6/2017	4E-05 (J)			<0.0002	<0.0002		<0.0002		0.00013 (J)
7/10/2017								<0.0002	
7/11/2017		<0.0002					<0.0002		
7/12/2017			<0.0002	<0.0002	<0.0002	<0.0002			<0.0002
7/13/2017	<0.0002								
10/2/2017		<0.0002							
10/3/2017				<0.0002	<0.0002	<0.0002	<0.0002		
10/4/2017	0.0001 (J)		<0.0002					<0.0002	<0.0002
1/9/2018	<0.0002	<0.0002			<0.0002				
1/10/2018				<0.0002		<0.0002			<0.0002
1/11/2018			<0.0002				<0.0002	<0.0002	
7/9/2018		<0.0002							
7/10/2018				<0.0002	<0.0002	<0.0002			
7/11/2018	<0.0002		<0.0002				<0.0002	<0.0002	<0.0002
1/16/2019	<0.0002	<0.0002	4.9E-05 (J)	<0.0002	4.3E-05 (J)	<0.0002			<0.0002
1/17/2019							<0.0002	<0.0002	
8/26/2019	<0.0002	<0.0002							
8/27/2019			<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/28/2019				<0.0002					
10/9/2019				<0.0002					
8/17/2020		<0.0002						<0.0002	<0.0002
8/18/2020							<0.0002		
8/19/2020	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002			
9/21/2021	0.0001 (J)	0.00011 (J)	0.0001 (J)	0.0001 (J)	0.0001 (J)		0.0001 (J)	0.0001 (J)	0.0001 (J)
9/23/2021						0.0001 (J)			

Time Series

Constituent: Mercury (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
8/31/2016					<0.0002			<0.0002	<0.0002
9/1/2016	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002		
10/25/2016	<0.0002	<0.0002	<0.0002			<0.0002	<0.0002		
10/26/2016				<0.0002	<0.0002			<0.0002	
10/27/2016									<0.0002
1/4/2017			<0.0002			<0.0002	<0.0002	<0.0002	
1/5/2017	<0.0002	<0.0002		<0.0002	<0.0002				
1/6/2017									<0.0002
4/3/2017		<0.0002							
4/4/2017	<0.0002				<0.0002	<0.0002	<0.0002		
4/5/2017			<0.0002	<0.0002					
4/6/2017								<0.0002	<0.0002
7/11/2017	<0.0002	<0.0002				<0.0002		<0.0002	
7/12/2017			<0.0002						<0.0002
7/13/2017				<0.0002	<0.0002		<0.0002		
10/2/2017	<0.0002	<0.0002				<0.0002			
10/3/2017			<0.0002		<0.0002		<0.0002		
10/4/2017				<0.0002				<0.0002	5E-05 (J)
1/9/2018	<0.0002	<0.0002					<0.0002		
1/10/2018			<0.0002		<0.0002	<0.0002			
1/11/2018				<0.0002				<0.0002	<0.0002
7/9/2018	<0.0002					<0.0002			
7/10/2018		<0.0002	<0.0002		<0.0002		<0.0002		
7/11/2018				<0.0002				<0.0002	<0.0002
1/16/2019	<0.0002			<0.0002					
1/17/2019		<0.0002	<0.0002				<0.0002		
1/18/2019								<0.0002	<0.0002
1/21/2019					<0.0002	<0.0002			
7/30/2019					<0.0002				
8/27/2019	<0.0002	<0.0002			<0.0002			<0.0002	
8/28/2019			<0.0002	<0.0002		<0.0002	<0.0002		<0.0002
8/18/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
8/19/2020									<0.0002
9/21/2021								0.0001 (J)	
9/22/2021	0.00011 (J)		0.0001 (J)	0.00011 (J)	0.0001 (J)	0.00011 (J)	0.00011 (J)		0.00011 (J)
9/23/2021		0.0001 (J)							

Time Series

Constituent: Mercury (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
9/21/2021				0.0001 (J)	0.00011 (J)
9/22/2021	0.00011 (J)	0.0001 (J)			
9/23/2021			0.0001 (J)		

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
8/30/2016		<0.01		<0.01	<0.01	0.175			
8/31/2016							<0.01	<0.01	<0.01
9/1/2016	0.0098 (J)		0.035						
10/24/2016		<0.01							
10/25/2016	<0.01					0.242			
10/26/2016			0.0267	<0.01	<0.01		<0.01	<0.01	<0.01
1/3/2017		<0.01		<0.01					
1/4/2017						0.167	<0.01	<0.01	
1/5/2017					<0.01				<0.01
1/6/2017	<0.01		0.0278						
4/3/2017		<0.01							
4/4/2017			0.0265			0.172			
4/5/2017								<0.01	
4/6/2017	<0.01			<0.01	<0.01		<0.01		<0.01
7/10/2017								<0.01	
7/11/2017		<0.01					<0.01		
7/12/2017			0.0209	<0.01	<0.01	0.182			<0.01
7/13/2017	0.0013 (J)								
10/2/2017		<0.01							
10/3/2017				<0.01	<0.01	0.162	<0.01		
10/4/2017	0.0013 (J)		0.0181					<0.01	<0.01
1/9/2018	<0.01	<0.01			<0.01				
1/10/2018				<0.01		0.117			<0.01
1/11/2018			0.0237				0.0018 (J)	<0.01	
7/9/2018		<0.01							
7/10/2018				<0.01	<0.01	0.11			
7/11/2018	<0.01		0.024				<0.01	<0.01	<0.01
8/26/2019	<0.01	<0.01							
8/27/2019			0.1		0.0026 (J)	0.06	<0.01	<0.01	<0.01
8/28/2019				0.0012 (J)					
10/7/2019		<0.01							
10/8/2019	<0.01						<0.01		<0.01
10/9/2019			0.1	<0.01	<0.01	0.06		<0.01	
4/6/2020	<0.01	<0.01							
4/7/2020			0.13	<0.01	<0.01	0.014	<0.01	<0.01	
4/8/2020									0.0056 (J)
8/17/2020		<0.01						<0.01	<0.01
8/18/2020							0.00077 (J)		
8/19/2020	<0.01		0.16	<0.01	0.001 (J)	0.061			
9/28/2020	<0.01	<0.01				0.059			<0.01
9/29/2020							<0.01	<0.01	
9/30/2020				<0.01	0.00097 (J)				
10/1/2020			0.15						
3/10/2021			0.12	<0.01	0.0013 (J)	0.057	<0.01	<0.01	
3/11/2021	<0.01								
3/12/2021		<0.01							
3/15/2021									<0.01
9/21/2021	<0.01	<0.01	0.12	<0.01	<0.01		<0.01	<0.01	<0.01
9/23/2021						0.06			

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
8/31/2016					<0.01			<0.01	<0.01
9/1/2016	0.0027 (J)	0.132	0.08	<0.01		0.296	0.0686		
10/25/2016	0.0028 (J)	0.117	0.08			0.395	0.0018 (J)		
10/26/2016				<0.01	<0.01			<0.01	
10/27/2016									<0.01
1/4/2017			0.0786			0.229	0.0222	<0.01	
1/5/2017	0.0022 (J)	0.109		<0.01	<0.01				
1/6/2017									<0.01
4/3/2017		0.0994							
4/4/2017	0.0022 (J)				<0.01	0.147	0.0476		
4/5/2017			0.113	<0.01					
4/6/2017								<0.01	<0.01
7/11/2017	0.0024 (J)	0.0938				0.136		<0.01	
7/12/2017			0.178						<0.01
7/13/2017				<0.01	<0.01		0.0105		
10/2/2017	0.0025 (J)	0.103				0.13			
10/3/2017			0.201		<0.01		0.0031 (J)		
10/4/2017				<0.01				<0.01	<0.01
1/9/2018	0.0038 (J)	0.106					0.09		
1/10/2018			0.161		<0.01	0.229			
1/11/2018				<0.01				<0.01	<0.01
7/9/2018	0.01					0.13			
7/10/2018		0.088	0.14		<0.01		0.047		
7/11/2018				<0.01				<0.01	<0.01
7/30/2019					<0.01				
8/27/2019	0.028	0.095			<0.01			<0.01	
8/28/2019			0.22	0.004 (J)		0.11	0.07		<0.01
10/8/2019	0.034	0.091	0.2				0.078		
10/9/2019				0.0036 (J)	<0.01	0.071		<0.01	<0.01
4/7/2020	0.014	0.07	0.25				0.012	<0.01	
4/8/2020				0.0024 (J)	<0.01	0.06			<0.01
8/18/2020	0.017	0.12	0.15	0.00092 (J)	<0.01	0.097	0.069	<0.01	
8/19/2020									<0.01
9/29/2020	0.0089 (J)				<0.01				
9/30/2020		0.11	0.15	0.0041 (J)		0.33	0.028	<0.01	
10/1/2020									<0.01
3/10/2021								<0.01	<0.01
3/11/2021				0.0038 (J)					
3/12/2021		0.098				0.53			
3/15/2021					<0.01				
3/16/2021	0.0054 (J)		0.31				0.024		
9/21/2021								<0.01	
9/22/2021	0.018		0.22	0.0053 (J)	<0.01	0.5	0.0019 (J)		<0.01
9/23/2021		0.094							

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
1/20/2021			0.0011 (J)	<0.01	<0.01
1/21/2021	<0.01	0.0014 (J)			
3/11/2021	<0.01	0.0035 (J)	0.0015 (J)	<0.01	<0.01
9/21/2021				<0.01	<0.01
9/22/2021	<0.01	0.0032 (J)			
9/23/2021			<0.01		

Time Series

Constituent: pH (SU) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
7/16/2013			6.22	5.95	5.25	5.38	5.2	4.17	4.95
10/11/2014		4.42							
10/24/2016		4.36							
10/25/2016	6.17					5.51			
10/26/2016			6.06	5.27	5.21		5.08	4.04	4.95
1/3/2017		4.28		5.09					
1/4/2017						5.46	5.06	4.01	
1/5/2017					5.2				4.97
1/6/2017	6.16		6.02						
4/3/2017		4.29							
4/4/2017			6.08			5.43			
4/5/2017								4	4.81
4/6/2017	6.26			5.22	5.17		4.97		
7/10/2017								3.89	
7/11/2017		4.35					5.26		
7/12/2017			5.93	5.29	5.24	5.46			4.83
7/13/2017	5.99								
10/2/2017		4.32							
10/3/2017				5.08	5.36	5.65	5.07		
10/4/2017	6.16		5.77					4.06	4.71
1/9/2018	6.43	4.44			5.4				
1/10/2018				5.83		5.67			5.17
1/11/2018			5.98				5.18	3.96	
7/9/2018		4.4							
7/10/2018				6.42	5.31	5.71			
7/11/2018	6.1		6.01				4.82	3.95	4.49
1/16/2019	6.05	6.16 (O)	5.83	6.66	5.99	5.59			6.45 (O)
1/17/2019							4.91	3.89	
3/25/2019	6.06	4.4	5.74						
3/26/2019				5.1	5.94	5.77			4.96
3/27/2019							5.18	4.11	
8/26/2019	5.91	4.26							
8/27/2019			5.7		5.67	5.84	5.17	4.02	4.9
8/28/2019				5.95					
10/7/2019		4.24							
10/8/2019	5.74						4.93		4.81
10/9/2019			5.79	6.11	5.66	5.82		4.25	
4/6/2020	6.02	4.52							
4/7/2020			5.74	5.45	5.86	5.3	5.05	4.1	
4/8/2020									4.81
8/17/2020		4.23						3.94	4.65
8/18/2020							4.41		
8/19/2020	5.81 (D)		5.7	5.14 (D)	5.21	5.73			
9/28/2020	5.86	4.41				5.79			4.76
9/29/2020							4.77	3.95	
9/30/2020				4.99	5.39				
10/1/2020			5.75						
3/10/2021			5.23	4.73	5.69	5.42	4.97	4.08	
3/11/2021	5.85								
3/12/2021		4.54							
3/15/2021									4.74
9/21/2021	6.03	4.44	5.78	4.68	5.4		4.92	4.05	4.83

Time Series

Constituent: pH (SU) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
9/23/2021						6.06			

Time Series

Constituent: pH (SU) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
7/16/2013	4.62	5.96	4.92	4.55	4.52	6.1	5.71	4.91	5.05
10/11/2014	4.58		5.17						
10/25/2016	4.79	6.46	5.58			6.06	5.41		
10/26/2016				4.45	4.48			4.6	
10/27/2016									4.65
1/4/2017			5.51			6.05	5.6	4.63	
1/5/2017	4.73	6.25		4.45	4.85				
1/6/2017									4.56
4/3/2017		6.25							
4/4/2017	4.68				4.58	6.03	5.94		
4/5/2017			5.51	4.33					
4/6/2017								4.79	4.5
7/11/2017	4.72	6.5				5.96		4.73	
7/12/2017			5.84						4.56
7/13/2017				4.11	4.74		5.6		
10/2/2017	5.13	6.83				5.88			
10/3/2017			5.55		4.57		5.18		
10/4/2017				4.09				4.74	4.72
1/9/2018	5.59	6.57					6.14		
1/10/2018			5.99		5.31	6.21			
1/11/2018				4.4				5.22	4.34
7/9/2018	5.11					6.24			
7/10/2018		6.42	5.5		4.58		5.7		
7/11/2018				4.07				4.68	4.68
1/16/2019	6.82			4.05					
1/17/2019		8.44 (O)	7.13				7.39		
1/18/2019								6.98 (O)	6.87 (O)
1/21/2019					5.05	7.73 (O)			
3/25/2019						6.28			
3/26/2019	5.74	6.65	5.57	4.62			6.08		
3/27/2019								4.77	4.38
7/30/2019					4.74				
8/27/2019	5.58	6.57			4.77			4.89	
8/28/2019			5.57	4.62		6.34	6.05		4.68
10/8/2019	5.68	6.65	5.54				6.09		
10/9/2019				4.66	4.79	6.5		4.68	4.62
4/7/2020	6.2	6.83	5.94				6	4.8	
4/8/2020				4.71	4.66	6.31			4.73
8/18/2020	5.56	6.39	5.52	4.31	4.6	5.89	5.82	4.52	
8/19/2020									4.58
9/29/2020	5.69				4.6				
9/30/2020		6.71	5.47	4.08		6.04	5.82	4.63	
10/1/2020									4.42
3/10/2021								4.82	4.55
3/11/2021				5.2					
3/12/2021		6.21				5.86			
3/15/2021					4.56				
3/16/2021	5.53		5.67				5.74		
9/21/2021								4.72	
9/22/2021	5.76		5.57	4.63	4.71	6	5.39		4.7
9/23/2021		6.48							

Time Series

Constituent: pH (SU) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
1/20/2021			6.25	5.66	5.68
1/21/2021	5.75	6.13			
3/11/2021	5.82	6.47	6.31	6	5.12
9/21/2021				5.88	5.97
9/22/2021	6.39	6.76			
9/23/2021			6.21		

Time Series

Constituent: Selenium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
9/29/2000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
11/21/2000	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
1/20/2001	<0.005	<0.005	0.014 (O)	<0.005	<0.005	0.017	<0.005	<0.005	<0.005
3/14/2001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
7/16/2001	<0.005	<0.005	0.015 (O)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
11/1/2001	<0.005	<0.005	0.012 (O)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4/25/2002	<0.005	<0.005	0.01	<0.005	<0.005	0.012	<0.005	<0.005	<0.005
11/20/2002		<0.005	0.026 (O)	0.0064	0.008	0.19 (O)	<0.005	<0.005	<0.005
6/6/2003	<0.005	<0.005	0.022 (O)	0.011	0.0066	0.32 (O)	<0.005	<0.005	<0.005
12/12/2003	<0.005	<0.005	0.028 (O)	<0.005	0.0056	0.013	<0.005	<0.005	<0.005
5/26/2004	<0.005	<0.005	0.012 (O)	0.007	0.0084	0.017	<0.005	<0.005	<0.005
12/7/2004	<0.005	<0.005	0.0073	<0.005	<0.005	0.011	<0.005	<0.005	<0.005
6/21/2005	<0.005	<0.005	0.0087	0.0063	0.0062	0.0088	<0.005	<0.005	<0.005
12/12/2005	<0.005	<0.005	0.013 (O)	<0.005	<0.005	0.011	<0.005	<0.005	<0.005
4/4/2006		<0.005							
6/27/2006	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/30/2006		<0.005							
12/4/2006	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/15/2007		<0.005							
6/23/2007	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/11/2007		<0.005							
12/11/2007	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/11/2008		<0.005							
6/23/2008	<0.005	<0.005					<0.005	<0.005	<0.005
6/24/2008			<0.005	<0.005	<0.005	<0.005			
11/3/2008		<0.005							
12/4/2008	<0.005	<0.005					<0.005	<0.005	<0.005
12/5/2008			<0.005	<0.005	<0.005	<0.005			
3/25/2009		<0.005							
7/7/2009	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
7/8/2009							<0.005	<0.005	<0.005
9/14/2009		<0.005							
12/20/2009	<0.005	<0.005				<0.005			
12/21/2009			<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
3/4/2010		<0.005							
6/20/2010	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
6/21/2010			<0.005						
9/14/2010		<0.005							
1/6/2011				<0.005		<0.005	<0.005		<0.005
1/7/2011	<0.005	<0.005	<0.005		<0.005			<0.005	
4/15/2011		<0.005							
7/7/2011	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
7/8/2011			<0.005						
9/25/2011		<0.005							
1/17/2012	<0.005	<0.005		<0.005		<0.005	0.023	<0.005	<0.005
1/18/2012			<0.005		<0.005				
4/4/2012		<0.005							
7/9/2012	<0.005			<0.005		<0.005	0.016	<0.005	<0.005
7/10/2012		<0.005	<0.005		<0.005				
10/9/2012		<0.005							
1/17/2013				<0.005		<0.005	0.033	<0.005	<0.005
1/18/2013	0.009	<0.005	<0.005		<0.005				

Time Series

Constituent: Selenium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
4/5/2013		<0.005							
7/16/2013				<0.005		0.012	0.0068	<0.005	<0.005
7/17/2013	0.011	<0.005	<0.005		<0.005				
10/11/2013		<0.005							
1/13/2014	0.012			<0.005		<0.005	0.036	<0.005	<0.005
1/14/2014		<0.005	<0.005		<0.005				
4/3/2014		<0.005							
7/8/2014							0.017	<0.005	<0.005
7/9/2014	0.011	<0.005	<0.005	<0.005	<0.005	<0.005			
10/24/2014		<0.005							
1/12/2015			<0.005						
1/13/2015	0.0092			<0.005		<0.005	0.027	<0.005	<0.005
1/14/2015		<0.005			<0.005				
5/10/2015		<0.005							
7/16/2015	0.014		<0.005	<0.005		<0.005	<0.005	<0.005	<0.005
7/17/2015		<0.005			<0.005				
10/6/2015		<0.005							
1/17/2016						0.023			
1/18/2016	0.023	<0.005	<0.005	<0.005	<0.005			<0.005	<0.005
1/19/2016							0.023		
4/26/2016		<0.005							
7/26/2016							0.0056 (J)		<0.005
7/27/2016	0.0323			<0.005		0.002 (J)		0.0025 (J)	
7/28/2016		0.001 (J)			<0.005				
7/29/2016			0.0036 (J)						
8/30/2016		<0.005		<0.005	<0.005	0.002 (J)			
8/31/2016							0.0084 (J)	0.0019 (J)	<0.005
9/1/2016	0.0438		0.0067 (J)						
10/24/2016		0.0013 (J)							
10/25/2016	0.031					0.0022 (J)			
10/26/2016			0.0042 (J)	<0.005	<0.005		0.0052 (J)	0.002 (J)	<0.005
1/3/2017		<0.005		<0.005					
1/4/2017						0.0016 (J)	0.0062 (J)	<0.005	
1/5/2017					0.0014 (J)				<0.005
1/6/2017	0.0324		0.0042 (J)						
4/3/2017		<0.005							
4/4/2017			0.0043 (J)			0.0052 (J)			
4/5/2017								<0.005	
4/6/2017	0.0188 (J)			<0.005	<0.005		0.0195		<0.005
7/10/2017								<0.005	
7/11/2017		<0.005					<0.005		
7/12/2017			0.0033 (J)	<0.005	<0.005	0.0024 (J)			<0.005
7/13/2017	0.0118								
10/2/2017		<0.005							
10/3/2017				<0.005	<0.005	<0.005	0.0079 (J)		
10/4/2017	0.0195		0.0038 (J)					<0.005	<0.005
1/9/2018	<0.005	<0.005			<0.005				
1/10/2018				<0.005		0.0018 (J)			<0.005
1/11/2018			0.0029 (J)				0.0054 (J)	<0.005	
7/9/2018		<0.005							
7/10/2018				0.0018 (J)	0.0016 (J)	0.0026 (J)			
7/11/2018	<0.005		0.0015 (J)				0.0022 (J)	<0.005	<0.005

Time Series

Constituent: Selenium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
1/16/2019	0.0071 (J)	<0.005	<0.005	<0.005	<0.005	0.0018 (J)			<0.005
1/17/2019							<0.005	<0.005	
3/25/2019	<0.005	<0.005	<0.005						
3/26/2019				<0.005	0.05 (J)	0.0023 (J)			<0.005
3/27/2019							0.01 (J)	<0.005	
8/26/2019	<0.005	<0.005							
8/27/2019			<0.005		0.0033 (J)	0.0016 (J)	<0.005	<0.005	<0.005
8/28/2019				0.0033 (J)					
10/7/2019		<0.005							
10/8/2019	0.0072 (J)						<0.005		<0.005
10/9/2019			<0.005	0.0073 (J)	<0.005	0.0024 (J)		<0.005	
4/6/2020	0.0078 (J)	<0.005							
4/7/2020			0.0025 (J)	<0.005	<0.005	0.0013 (J)	0.0021 (J)	<0.005	
4/8/2020									<0.005
8/17/2020		<0.005						<0.005	<0.005
8/18/2020							0.0028 (J)		
8/19/2020	<0.005		<0.005	<0.005	<0.005	0.002 (J)			
9/28/2020	0.01 (J)	<0.005				<0.005			<0.005
9/29/2020							0.0024 (J)	<0.005	
9/30/2020				<0.005	0.0023 (J)				
10/1/2020			<0.005						
3/10/2021			0.0021 (J)	0.006	0.0049 (J)	0.0026 (J)	0.0044 (J)	0.003 (J)	
3/11/2021	<0.005								
3/12/2021		<0.005							
3/15/2021									<0.005
9/21/2021	<0.005	<0.005	<0.005	<0.005	0.0016 (J)		0.0038 (J)	<0.005	<0.005
9/23/2021						0.0018 (J)			

Time Series

Constituent: Selenium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
9/29/2000	<0.005	<0.005	<0.005	<0.005					<0.005
11/21/2000	0.052	<0.005	<0.005	<0.005	<0.005				<0.005
1/20/2001	0.053	<0.005	<0.005	<0.005	<0.005				<0.005
3/14/2001	0.049	<0.005	<0.005	<0.005	<0.005				<0.005
7/16/2001	0.038	<0.005	<0.005	<0.005	<0.005				<0.005
11/1/2001	0.022	<0.005	<0.005	<0.005	<0.005				<0.005
4/25/2002	0.1 (O)	<0.005	<0.005	<0.005	<0.005				<0.005
11/20/2002	0.018	0.0094	<0.005	<0.005	<0.005				<0.005
6/6/2003	<0.005	0.021 (O)	0.021 (O)	<0.005	<0.005				<0.005
12/12/2003	<0.005	0.016 (O)	0.0078	<0.005	<0.005				<0.005
5/26/2004	0.023	<0.005	0.0053	<0.005	0.005				<0.005
12/7/2004	0.019	<0.005	<0.005	<0.005	<0.005				<0.005
6/21/2005	0.019	<0.005	<0.005	<0.005	<0.005				0.0062
12/12/2005	0.0095	<0.005	<0.005	<0.005	<0.005				<0.005
4/4/2006	0.033		<0.005						
6/27/2006	<0.005	<0.005	<0.005	<0.005	<0.005				<0.005
8/30/2006	<0.005		<0.005						
12/4/2006	0.032	<0.005	<0.005	<0.005	<0.005				<0.005
2/15/2007	0.034		<0.005						
6/23/2007	<0.005	<0.005	<0.005	<0.005	<0.005				<0.005
9/11/2007	0.022		<0.005						
12/11/2007	0.045	<0.005	<0.005	<0.005	<0.005				<0.005
3/11/2008	0.02		<0.005						
6/23/2008									<0.005
6/24/2008	<0.005	<0.005	<0.005	<0.005	<0.005				
11/3/2008	0.052		<0.005						
12/4/2008	0.054				<0.005				<0.005
12/5/2008		<0.005	<0.005	<0.005					
3/25/2009	0.072		<0.005						
7/8/2009	0.021	<0.005	<0.005	<0.005	<0.005				<0.005
9/14/2009	0.015		<0.005						
12/20/2009	0.072	<0.005	<0.005		<0.005				
12/21/2009				<0.005					<0.005
3/4/2010	0.083		<0.005						
6/20/2010	0.1	<0.005			<0.005				<0.005
6/21/2010			<0.005	<0.005		<0.005	0.048	<0.005	
9/14/2010	0.085		<0.005						
1/6/2011					<0.005				
1/7/2011	0.028	<0.005	<0.005	<0.005		<0.005	0.014	<0.005	<0.005
4/15/2011	<0.005		<0.005						
7/7/2011	<0.005	<0.005	<0.005			<0.005			
7/8/2011				<0.005		<0.005	0.018	<0.005	<0.005
9/25/2011	0.02		<0.005						
1/17/2012	0.016	<0.005			<0.005				
1/18/2012			<0.005	<0.005		<0.005	<0.005	<0.005	<0.005
4/4/2012	0.0156		<0.005						
7/9/2012	<0.005	0.066 (O)			<0.005				
7/10/2012			<0.005	<0.005		<0.005	0.02	<0.005	<0.005
10/9/2012	0.0094		<0.005						
1/17/2013					<0.005				
1/18/2013	0.0067	0.04 (O)	<0.005	<0.005		0.005	0.015	<0.005	<0.005
4/5/2013	0.0077		<0.005						

Time Series

Constituent: Selenium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
7/17/2013	0.01	<0.005	<0.005	<0.005	<0.005	<0.005	0.037	<0.005	<0.005
10/11/2013	0.0087		0.0069						
1/13/2014		<0.005			<0.005				
1/14/2014	0.012		<0.005	<0.005		<0.005	0.043	<0.005	<0.005
4/3/2014	0.022		<0.005						
7/9/2014	0.0089	<0.005	0.005	<0.005	<0.005		0.023		<0.005
7/10/2014						<0.005		<0.005	
10/24/2014	0.017		<0.005						
1/12/2015						<0.005			
1/13/2015		<0.005			<0.005				
1/14/2015	<0.005		<0.005	<0.005			0.022	<0.005	<0.005
5/10/2015	<0.005								
5/11/2015			<0.005						
7/16/2015		<0.005	<0.005		<0.005				
7/17/2015	<0.005						0.033		<0.005
7/18/2015				<0.005		<0.005		<0.005	
10/6/2015	<0.005		0.0073						
1/17/2016	<0.005	<0.005	0.0031 (J)		<0.005	<0.005	0.021		
1/18/2016				<0.005				<0.005	<0.005
4/26/2016	0.00428 (J)		0.00497 (J)						
7/27/2016	0.0038 (J)	<0.005			0.002 (J)				
7/28/2016			0.0076 (J)			<0.005	0.0341		<0.005
7/29/2016				0.0011 (J)				0.0022 (J)	
8/31/2016					<0.005			0.0014 (J)	<0.005
9/1/2016	0.0056 (J)	<0.005	0.0052 (J)	0.0012 (J)		<0.005	0.0297		
10/25/2016	0.0023 (J)	<0.005	0.0085 (J)			0.0014 (J)	0.0095 (J)		
10/26/2016				0.0013 (J)	0.0035 (J)			0.001 (J)	
10/27/2016									<0.005
1/4/2017			0.0048 (J)			0.0014 (J)	0.022	<0.005	
1/5/2017	0.0038 (J)	<0.005		0.0012 (J)	<0.005				
1/6/2017									<0.005
4/3/2017		<0.005							
4/4/2017	0.0064 (J)				<0.005	<0.005	0.0236		
4/5/2017			0.0068 (J)	<0.005					
4/6/2017								<0.005	<0.005
7/11/2017	0.0044 (J)	<0.005				<0.005		<0.005	
7/12/2017			0.0048 (J)						<0.005
7/13/2017				0.0018 (J)	<0.005		0.013		
10/2/2017	0.004 (J)	<0.005				<0.005			
10/3/2017			0.0051 (J)		<0.005		0.01 (J)		
10/4/2017				0.0042 (J)				0.0023 (J)	<0.005
1/9/2018	0.0019 (J)	0.0019 (J)					0.0162		
1/10/2018			0.0018 (J)		<0.005	<0.005			
1/11/2018				<0.005				<0.005	<0.005
7/9/2018	0.0029 (J)					<0.005			
7/10/2018		0.0086 (J)	0.0045 (J)		<0.005		0.016		
7/11/2018				0.0016 (J)				<0.005	<0.005
1/16/2019	0.0016 (J)			<0.005					
1/17/2019		0.0029 (J)	0.0031 (J)				0.011		
1/18/2019								<0.005	<0.005
1/21/2019					<0.005	0.0014 (J)			
3/25/2019						<0.005			

Time Series

Constituent: Selenium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
3/26/2019	0.0022 (J)	0.0074 (J)	0.0033 (J)	<0.005			0.022		
3/27/2019								<0.005	<0.005
7/30/2019					<0.005				
8/27/2019	0.0035 (J)	0.0092 (J)			<0.005			<0.005	
8/28/2019			0.004 (J)	<0.005		0.0014 (J)	0.019		<0.005
10/8/2019	0.0026 (J)	0.014	0.0023 (J)				0.019		
10/9/2019				<0.005	<0.005	<0.005		<0.005	<0.005
4/7/2020	0.005 (J)	0.0029 (J)	<0.005				0.012	<0.005	
4/8/2020				<0.005	<0.005	0.0013 (J)			<0.005
8/18/2020	0.0029 (J)	0.0022 (J)	0.0058 (J)	0.002 (J)	<0.005	<0.005	0.013	<0.005	
8/19/2020									<0.005
9/29/2020	0.0051 (J)				<0.005				
9/30/2020		<0.005	0.0037 (J)	<0.005		<0.005	0.0061 (J)	<0.005	
10/1/2020									<0.005
3/10/2021								<0.005	<0.005
3/11/2021				0.0016 (J)					
3/12/2021		0.0064				<0.005			
3/15/2021					<0.005				
3/16/2021	0.0034 (J)		0.0044 (J)				0.0055		
9/21/2021								<0.005	
9/22/2021	0.0034 (J)		0.0031 (J)	<0.005	<0.005	0.0024 (J)	0.0027 (J)		<0.005
9/23/2021		0.0016 (J)							

Time Series

Constituent: Selenium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
3/11/2021	<0.005	<0.005	<0.005	<0.005	<0.005
9/21/2021				<0.005	<0.005
9/22/2021	<0.005	<0.005			
9/23/2021			<0.005		

Time Series

Constituent: Sulfate (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
8/30/2016		140		100	120	87			
8/31/2016							64	1100	43
9/1/2016	73		210						
10/24/2016		160							
10/25/2016	26					83			
10/26/2016			230	130	120		56	900	29
1/3/2017		140		120					
1/4/2017						99	65	880	
1/5/2017					130				32
1/6/2017	23		220						
4/3/2017		140							
4/4/2017			230			110			
4/5/2017								990	
4/6/2017	25			140	150		110		49
7/10/2017								480	
7/11/2017		130					49		
7/12/2017			210	140	140	100			16
7/13/2017	65								
10/2/2017		150							
10/3/2017				130	140	63	140		
10/4/2017	13		290					760	33
1/9/2018	45	120			140				
1/10/2018				110		86			22
1/11/2018			210				270	780	
7/9/2018		123							
7/10/2018				48.1	128	77.7			
7/11/2018	37.7		177				211	598	17.8
1/16/2019	24.5	129	244	184	402	71.2			20.2
1/17/2019							50.3	454	
3/25/2019	14.7	152	245						
3/26/2019				222	319	73.8			33.6
3/27/2019							76.8	579	
10/7/2019		156							
10/8/2019	32.8						310		22
10/9/2019			38.5	90.8	255	76.3		392	
4/6/2020	20.3	123							
4/7/2020			221	180	180	83	446	297	
4/8/2020									30.7
9/28/2020	20	93.6				71.6			25.6
9/29/2020							516	237	
9/30/2020				339	339				
10/1/2020			178						
3/10/2021			160	572	1160	61.2	687	282	
3/11/2021	12								
3/12/2021		103							
3/15/2021									30.6
9/21/2021	11.1	96.5	232	829	645		433	315	36.6
9/23/2021						37.3			

Time Series

Constituent: Sulfate (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
8/31/2016					21			700	84
9/1/2016	730	120	430	310		180	36		
10/25/2016	420	100	360			79	16		
10/26/2016				280	100			850	
10/27/2016									76
1/4/2017			360			170	45	680	
1/5/2017	430	140		310	22				
1/6/2017									66
4/3/2017		150							
4/4/2017	600				29	300	46		
4/5/2017			440	460					
4/6/2017								220	79
7/11/2017	400	110				400		210	
7/12/2017			490						75
7/13/2017				490	20		33		
10/2/2017	470	56				390			
10/3/2017			780		20		34		
10/4/2017				1100				730	78
1/9/2018	440	84					29		
1/10/2018			470		9.5	99			
1/11/2018				810				180	110
7/9/2018	369					99.2			
7/10/2018		43	787		8.5		33.2		
7/11/2018				902				381	87.4
1/16/2019	291			422					
1/17/2019		45.2	780				24.1		
1/18/2019								107	56.9
1/21/2019					10.2	35.5			
3/25/2019						95.6			
3/26/2019	192	54	87.9	439			83.9		
3/27/2019								103	76.2
7/30/2019					12.3				
10/8/2019	428	45.8	872				85.6		
10/9/2019				346	10.1	58.5		80.2	41.1
4/7/2020	456	26.9	844				33.2	333	
4/8/2020				239	12.9	428			34.2
9/29/2020	93.5				8.6				
9/30/2020		18.5	736	193		956	306	65.5	
10/1/2020									35
3/10/2021								101	38.7
3/11/2021				244					
3/12/2021		21.1				933			
3/15/2021					10				
3/16/2021	92		821				343		
9/21/2021								52.4	
9/22/2021	444		1040	394	10.3	905	14.6		42.7
9/23/2021		124							

Time Series

Constituent: Sulfate (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
1/20/2021			1.6	1	0.88 (J)
1/21/2021	5	0.79 (J)			
3/11/2021	62.4	<1	0.52 (J)	<1	<1
9/21/2021				<1	<1
9/22/2021	84.6	<1			
9/23/2021			0.7 (J)		

Time Series

Constituent: Thallium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
9/29/2000	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
11/21/2000	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1/20/2001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/14/2001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
7/16/2001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
11/1/2001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/25/2002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12/12/2003	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	<0.001	<0.001	<0.001
5/26/2004	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12/7/2004	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
6/21/2005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12/12/2005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/4/2006		<0.001							
6/27/2006	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/30/2006		<0.001							
12/4/2006	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/15/2007		<0.001							
6/23/2007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
8/30/2016		<0.001		<0.001	<0.001	<0.001			
8/31/2016							<0.001	<0.001	<0.001
9/1/2016	0.0005 (J)		<0.001						
10/24/2016		<0.001							
10/25/2016	<0.001					<0.001			
10/26/2016			<0.001	<0.001	<0.001		<0.001	0.0003 (J)	<0.001
1/3/2017		<0.001		<0.001					
1/4/2017						<0.001	<0.001	<0.001	
1/5/2017					<0.001				<0.001
1/6/2017	<0.001		<0.001						
4/3/2017		<0.001							
4/4/2017			7E-05 (J)			5E-05 (J)			
4/5/2017								0.0002 (J)	
4/6/2017	<0.001			<0.001	<0.001		6E-05 (J)		<0.001
7/10/2017								0.0002 (J)	
7/11/2017		5E-05 (J)					<0.001		
7/12/2017			<0.001	<0.001	<0.001	<0.001			<0.001
7/13/2017	<0.001								
10/2/2017		6E-05 (J)							
10/3/2017				<0.001	<0.001	<0.001	7E-05 (J)		
10/4/2017	<0.001		<0.001					0.0002 (J)	<0.001
1/9/2018	<0.001	<0.001			<0.001				
1/10/2018				<0.001		<0.001			<0.001
1/11/2018			7E-05 (J)				0.0001 (J)	0.0002 (J)	
7/9/2018		<0.001							
7/10/2018				<0.001	<0.001	<0.001			
7/11/2018	<0.001		<0.001				<0.001	<0.001	<0.001
8/26/2019	<0.001	<0.001							
8/27/2019			<0.001		<0.001	<0.001	<0.001	0.00011 (J)	<0.001
8/28/2019				5.7E-05 (J)					
10/7/2019		6.2E-05 (J)							
10/8/2019	<0.001						9.8E-05 (J)		<0.001
10/9/2019			<0.001	0.00031 (J)	<0.001	5.4E-05 (J)		0.00014 (J)	
4/6/2020	<0.001	<0.001							

Time Series

Constituent: Thallium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
4/7/2020			<0.001	<0.001	<0.001	5.4E-05 (J)	0.00019 (J)	0.00013 (J)	
4/8/2020									<0.001
8/17/2020		<0.001						<0.001	<0.001
8/18/2020							0.00021 (J)		
8/19/2020	<0.001		<0.001	<0.001	<0.001	<0.001			
9/28/2020	<0.001	<0.001				<0.001			<0.001
9/29/2020							0.00017 (J)	<0.001	
9/30/2020				<0.001	<0.001				
10/1/2020			<0.001						
3/10/2021			<0.001	<0.001	<0.001	<0.001	0.00022 (J)	<0.001	
3/11/2021	<0.001								
3/12/2021		<0.001							
3/15/2021									<0.001
9/21/2021	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
9/23/2021						<0.001			

Time Series

Constituent: Thallium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
9/29/2000	<0.001	<0.001	<0.001	<0.001					<0.001
11/21/2000	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
1/20/2001	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
3/14/2001	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
7/16/2001	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
11/1/2001	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
4/25/2002	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
12/12/2003	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
5/26/2004	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
12/7/2004	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
6/21/2005	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
12/12/2005	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
4/4/2006	<0.001		<0.001						
6/27/2006	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
8/30/2006	<0.001		<0.001						
12/4/2006	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
2/15/2007	<0.001		<0.001						
6/23/2007	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
8/31/2016					<0.001			<0.001	<0.001
9/1/2016	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001		
10/25/2016	<0.001	<0.001	<0.001			<0.001	<0.001		
10/26/2016				<0.001	<0.001			<0.001	
10/27/2016									<0.001
1/4/2017			<0.001			<0.001	<0.001	<0.001	
1/5/2017	<0.001	<0.001		<0.001	<0.001				
1/6/2017									<0.001
4/3/2017		<0.001							
4/4/2017	7E-05 (J)				<0.001	<0.001	5E-05 (J)		
4/5/2017			6E-05 (J)	0.0001 (J)					
4/6/2017								<0.001	<0.001
7/11/2017	6E-05 (J)	<0.001				<0.001		<0.001	
7/12/2017			<0.001						<0.001
7/13/2017				<0.001	<0.001		<0.001		
10/2/2017	<0.001	<0.001				<0.001			
10/3/2017			<0.001		<0.001		<0.001		
10/4/2017				0.0001 (J)				0.0001 (J)	<0.001
1/9/2018	<0.001	<0.001					<0.001		
1/10/2018			5E-05 (J)		<0.001	<0.001			
1/11/2018				0.0001 (J)				6E-05 (J)	<0.001
7/9/2018	<0.001					<0.001			
7/10/2018		<0.001	<0.001		<0.001		<0.001		
7/11/2018				<0.001				<0.001	<0.001
7/30/2019					0.00011 (J)				
8/27/2019	<0.001	<0.001			<0.001			8.6E-05 (J)	
8/28/2019			<0.001	6.6E-05 (J)		<0.001	<0.001		<0.001
10/8/2019	<0.001	<0.001	<0.001				<0.001		
10/9/2019				7.6E-05 (J)	<0.001	<0.001		<0.001	<0.001
4/7/2020	<0.001	<0.001	<0.001				<0.001	6.5E-05 (J)	
4/8/2020				5.6E-05 (J)	<0.001	<0.001			<0.001
8/18/2020	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.00017 (J)	
8/19/2020									<0.001
9/29/2020	<0.001				<0.001				

Time Series

Constituent: Thallium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
9/30/2020		<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	
10/1/2020									<0.001
3/10/2021								<0.001	<0.001
3/11/2021				<0.001					
3/12/2021		<0.001				<0.001			
3/15/2021					<0.001				
3/16/2021	<0.001		<0.001				<0.001		
9/21/2021								<0.001	
9/22/2021	<0.001		<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
9/23/2021		<0.001							

Time Series

Constituent: Thallium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
3/11/2021	<0.001	<0.001	<0.001	<0.001	<0.001
9/21/2021				<0.001	<0.001
9/22/2021	<0.001	<0.001			
9/23/2021			<0.001		

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
8/30/2016		234		224	365	225			
8/31/2016							119	1560	77
9/1/2016	3660		1080						
10/24/2016		216							
10/25/2016	3560					230			
10/26/2016			1050	297	373		108	1520	<10
1/3/2017		333		366					
1/4/2017						349	182	1430	
1/5/2017					543				146
1/6/2017	3490		1060						
4/3/2017		288							
4/4/2017			994			356			
4/5/2017								1200	
4/6/2017	3170			279	434		248		23 (J)
7/10/2017								1100	
7/11/2017		188					88		
7/12/2017			1070	308	454	357			39
7/13/2017	2280								
10/2/2017		210							
10/3/2017				288	389	192	248		
10/4/2017	3350		1100					986	38
1/9/2018	2640	118			415				
1/10/2018				493		277			<10
1/11/2018			838				681	1020	
7/9/2018		235							
7/10/2018				1730 (O)	453	349			
7/11/2018	2200		799				440	888	63
1/16/2019	2100	219	530	382	1320	341			44
1/17/2019							118	765	
3/25/2019	2100	240	479						
3/26/2019				1040	1250	317			72
3/27/2019							138	673	
10/7/2019		275							
10/8/2019	1840						613		51
10/9/2019			502	2010	903	338		647	
4/6/2020	1670	214							
4/7/2020			482	483	775	195	780	464	
4/8/2020									65
9/28/2020	1450	175				373			60
9/29/2020							1100	440	
9/30/2020				652	816				
10/1/2020			424						
3/10/2021			434	1040	2120	329	1240	566	
3/11/2021	1220								
3/12/2021		163							
3/15/2021									<10
9/21/2021	1210	145	476	1240	985		842	558	83
9/23/2021						360			

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
8/31/2016					39			1570	173
9/1/2016	1170	539	878	1270		470	184		
10/25/2016	633	449	585			289	<10		
10/26/2016				1320	135			1840	
10/27/2016									221
1/4/2017			783			639	242	1560	
1/5/2017	781	565		1770	99				
1/6/2017									259
4/3/2017		632							
4/4/2017	916				54	660	187		
4/5/2017			722	1600					
4/6/2017								368	169
7/11/2017	675	569				836		383	
7/12/2017			962						163
7/13/2017				1940	50		86		
10/2/2017	689	559				698			
10/3/2017			1240		18 (J)		66		
10/4/2017				2370				1500	168
1/9/2018	653	520					167		
1/10/2018			935		<10	322			
1/11/2018				2350				438	190
7/9/2018	659					461			
7/10/2018		524	1040		49		180		
7/11/2018				2260				876	165
1/16/2019	656			1540					
1/17/2019		518 (D)	1320				178		
1/18/2019								154	118
1/21/2019					39	307			
3/25/2019						449			
3/26/2019	496	541	1380	1220			292		
3/27/2019								158	104
7/30/2019					70				
10/8/2019	841	526	1500				278		
10/9/2019				1100	46	434		211	128
4/7/2020	843	428	1500				106	819	
4/8/2020				881	38	986			80
9/29/2020	187				33				
9/30/2020		434	1140	752		1860	634	113	
10/1/2020									111
3/10/2021								210	89
3/11/2021				705					
3/12/2021		353				1730			
3/15/2021					11				
3/16/2021	137		980				454		
9/21/2021								87	
9/22/2021	864		1680	1530	33	1430	51		94
9/23/2021		556							

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
1/20/2021			58	54	43
1/21/2021	41	50			
3/11/2021	149	53	57	41	43
9/21/2021				37	37
9/22/2021	184	53			
9/23/2021			56		

Time Series

Constituent: Vanadium (mg/L) Analysis Run 11/21/2021 9:36 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
9/29/2000	<0.01	<0.01	0.06	0.038	0.12	<0.01	<0.01	<0.01	<0.01
11/21/2000	<0.01		0.068	0.013	0.13	<0.01	<0.01	<0.01	<0.01
1/20/2001	<0.01	<0.01	0.12	0.038	0.14	<0.01	<0.01	<0.01	<0.01
3/14/2001	<0.01	<0.01	0.08	0.077 (O)	0.13	<0.01	<0.01	<0.01	<0.01
7/16/2001	<0.01	<0.01	0.11	0.12 (O)	0.18	<0.01	<0.01	<0.01	<0.01
11/1/2001	<0.01	<0.01	0.079	0.21 (O)	0.12	<0.01	<0.01	<0.01	<0.01
4/25/2002	<0.01	<0.01	0.11	0.086 (O)	0.15	<0.01	<0.01	<0.01	<0.01
11/20/2002		<0.01	0.15	0.14 (O)	0.15	0.0069	0.0071	<0.01	<0.01
6/6/2003	0.047	0.017	0.12	0.12 (O)	0.11	0.16 (O)	0.0098	<0.01	0.0063
12/12/2003	0.0086	0.011	0.13	0.014	0.089	<0.01	0.0074	<0.01	<0.01
5/26/2004	<0.01	<0.01	0.095	0.06 (O)	0.09	<0.01	<0.01	<0.01	<0.01
12/7/2004	<0.01	<0.01	0.067	0.054	0.072	<0.01	<0.01	<0.01	<0.01
6/21/2005	<0.01	<0.01	0.062	0.038	0.04	<0.01	<0.01	<0.01	<0.01
12/12/2005	<0.01	<0.01	0.09	0.0056	0.021	<0.01	<0.01	<0.01	<0.01
4/4/2006		<0.01							
6/27/2006	<0.01	<0.01	0.083	0.0043	0.02	0.0029	<0.01	<0.01	<0.01
8/30/2006		<0.01							
12/4/2006	0.0027	<0.01	0.084	0.0044	0.022	0.0047	<0.01	<0.01	<0.01
2/15/2007		<0.01							
6/23/2007	0.0027	<0.01	0.081	0.0039	0.027	0.0029	0.0036	<0.01	<0.01
9/11/2007		<0.01							
12/11/2007	0.0033	<0.01	0.067	0.0029	0.017	<0.01	<0.01	<0.01	<0.01
3/11/2008		<0.01							
6/23/2008	0.0074	<0.01					<0.01	<0.01	<0.01
6/24/2008			0.059	0.003	0.053	<0.01			
11/3/2008		<0.01							
12/4/2008	0.0084	<0.01					<0.01	<0.01	<0.01
12/5/2008			0.054	<0.01	0.0078	<0.01			
3/25/2009		<0.01							
7/7/2009	0.023	<0.01	0.038	<0.01	0.012	<0.01			
7/8/2009							0.0026	<0.01	<0.01
9/14/2009		<0.01							
12/20/2009	0.007	<0.01				<0.01			
12/21/2009			0.06	<0.01	0.011		<0.01	<0.01	<0.01
3/4/2010		<0.01							
6/20/2010	0.0047	<0.01		<0.01	0.0083	0.0037	<0.01	<0.01	<0.01
6/21/2010			0.036						
9/14/2010		<0.01							
1/6/2011				0.0067		<0.01	0.003		0.0028
1/7/2011	0.018	<0.01	0.043		0.0079			<0.01	
4/15/2011		<0.01							
7/7/2011	0.019	<0.01		0.019	0.007	0.0045	0.004	<0.01	<0.01
7/8/2011			0.044						
9/25/2011		<0.01							
1/17/2012	0.0298	<0.01		0.021		<0.01	<0.01	<0.01	<0.01
1/18/2012			0.045		0.0116				
4/4/2012		<0.01							
7/9/2012	0.14			0.032		0.0026	0.005	<0.01	<0.01
7/10/2012		<0.01	0.048		0.0096				
10/9/2012		<0.01							
1/17/2013				0.034		<0.01	0.005	<0.01	<0.01
1/18/2013	0.21	<0.01	0.049		<0.01				

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Constituent: Vanadium (mg/L) Analysis Run 11/21/2021 9:37 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
4/5/2013		<0.01							
7/16/2013				0.021		<0.01	<0.01	<0.01	<0.01
7/17/2013	0.18	<0.01	0.05		<0.01				
10/11/2013		<0.01							
1/13/2014	0.24			0.008		<0.01	<0.01	<0.01	<0.01
1/14/2014		<0.01	0.067		<0.01				
4/3/2014		0.0015 (J)							
7/8/2014							0.0024 (J)	0.0034 (J)	0.002 (J)
7/9/2014	0.22	0.0012 (J)	0.055	0.0052	0.0039 (J)	0.0041 (J)			
10/24/2014		<0.01							
1/12/2015			0.066						
1/13/2015	0.19			0.0036 (J)		0.0029 (J)	0.0023 (J)	<0.01	0.0015 (J)
1/14/2015		<0.01			0.005				
5/10/2015		<0.01							
7/16/2015	0.23		0.045	0.004 (J)		0.0034 (J)	0.002 (J)	0.0049 (J)	<0.01
7/17/2015		<0.01			0.0045 (J)				
10/6/2015		0.0012 (J)							
1/17/2016						0.0046 (J)			
1/18/2016	0.41	0.00079 (J)	0.049	0.0069	0.0044 (J)			0.0058	0.0011 (J)
1/19/2016							0.0025 (J)		
4/26/2016		<0.01							
7/26/2016							0.0027 (J)		<0.01
7/27/2016	0.397			0.0046 (J)		0.0064 (J)		0.0058 (J)	
7/28/2016		<0.01			0.0038 (J)				
7/29/2016			0.0388						
10/24/2016		<0.01							
10/25/2016	0.425								
1/3/2017		<0.01		<0.01					
1/4/2017						<0.01	<0.01	<0.01	
1/5/2017					0.0077 (J)				<0.01
1/6/2017	0.41		0.0341						
4/3/2017		<0.01							
4/4/2017			0.0371			0.0061 (J)			
4/5/2017								0.0039 (J)	
4/6/2017	0.297			0.0063 (J)	0.0069 (J)		0.0025 (J)		<0.01
7/10/2017								0.0062 (J)	
7/11/2017		<0.01					0.0027 (J)		
7/12/2017			0.0399	0.0064 (J)	0.0098 (J)	0.0067 (J)			0.0016 (J)
7/13/2017	0.194								
10/2/2017		<0.01							
10/4/2017	0.316								
1/9/2018	0.194	0.0014 (J)			0.0086 (J)				
1/10/2018				0.0077 (J)		0.0056 (J)			0.0019 (J)
1/11/2018			0.0327				0.0019 (J)	0.0025 (J)	
7/9/2018		<0.01							
7/10/2018				0.016	0.0098 (J)	0.0056 (J)			
7/11/2018	0.15		0.02				0.0021 (J)	0.0059 (J)	0.0097 (J)
1/16/2019	0.16	<0.01	0.0022 (J)	0.0033 (J)	0.077	0.0043 (J)			<0.01
1/17/2019							0.0021 (J)	<0.01	
3/25/2019	0.18	<0.01	0.004 (J)						
3/26/2019				0.0058 (J)	0.086	0.0051 (J)			0.0029 (J)
3/27/2019							0.0023 (J)	0.0049 (J)	

Time Series

Constituent: Vanadium (mg/L) Analysis Run 11/21/2021 9:37 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
10/7/2019		<0.01							
10/8/2019	0.11						<0.01		<0.01
10/9/2019			<0.01	0.033 (J)	0.018 (J)	<0.01		0.0021 (J)	
4/6/2020	0.12	<0.01							
4/7/2020			0.0037 (J)	0.0053 (J)	0.041 (J)	0.0015 (J)	<0.01	0.0024 (J)	
4/8/2020									<0.01
9/28/2020	0.1	<0.01				0.0042 (J)			<0.01
9/29/2020							0.0023 (J)	0.0046 (J)	
9/30/2020				0.0037 (J)	0.018				
10/1/2020			0.0047 (J)						
3/10/2021			0.0054 (J)	0.0026 (J)	0.027	0.005 (J)	0.0023 (J)	0.0055 (J)	
3/11/2021	0.14								
3/12/2021		<0.01							
3/15/2021									<0.01
9/21/2021	0.096	<0.01	0.0027 (J)	0.0039 (J)	0.015		0.002 (J)	0.0051 (J)	<0.01
9/23/2021						0.0042 (J)			

Time Series

Constituent: Vanadium (mg/L) Analysis Run 11/21/2021 9:37 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
9/29/2000	<0.01	<0.01	<0.01	<0.01					<0.01
11/21/2000	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01
1/20/2001	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01
3/14/2001	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01
7/16/2001	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01
11/1/2001	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01
4/25/2002	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01
11/20/2002	0.03	0.0099	0.0069	<0.01	<0.01				0.014
6/6/2003	0.0065	0.019 (O)	0.082 (O)	<0.01	<0.01				<0.01
12/12/2003	0.0052	0.018 (O)	0.012	<0.01	<0.01				<0.01
5/26/2004	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01
12/7/2004	0.0074	<0.01	<0.01	<0.01	<0.01				<0.01
6/21/2005	0.01	<0.01	<0.01	<0.01	<0.01				<0.01
12/12/2005	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01
4/4/2006	0.013		<0.01						
6/27/2006	<0.01	<0.01	<0.01	0.0025	<0.01				<0.01
8/30/2006	0.0039		<0.01						
12/4/2006	0.016	<0.01	0.0031	<0.01	<0.01				<0.01
2/15/2007	0.017		0.0025						
6/23/2007	0.0076	<0.01	0.0032	<0.01	<0.01				<0.01
9/11/2007	0.012		<0.01						
12/11/2007	0.017	<0.01	<0.01	<0.01	<0.01				<0.01
3/11/2008	0.012		<0.01						
6/23/2008									<0.01
6/24/2008	0.0069	<0.01	<0.01	<0.01	<0.01				
11/3/2008	0.016		0.0032						
12/4/2008	0.013				<0.01				<0.01
12/5/2008		<0.01	<0.01	<0.01					
3/25/2009	0.014		<0.01						
7/8/2009	0.014	<0.01	0.0036	<0.01	<0.01				0.0029
9/14/2009	0.0072		0.0026						
12/20/2009	0.02	<0.01	0.0031		<0.01				
12/21/2009				<0.01					<0.01
3/4/2010	0.023		<0.01						
6/20/2010	0.017	<0.01			<0.01				<0.01
6/21/2010			0.0025	<0.01		<0.01	<0.01	<0.01	
9/14/2010	0.018		0.0035						
1/6/2011					<0.01				
1/7/2011	0.019	<0.01	0.0036	<0.01		0.0029	0.0031	<0.01	<0.01
4/15/2011	0.019		<0.01						
7/7/2011	0.014	0.0036	0.003			<0.01			
7/8/2011				0.0031		0.0046	0.0048	<0.01	<0.01
9/25/2011	0.015		0.0037						
1/17/2012	0.021	<0.01			<0.01				
1/18/2012			<0.01	<0.01		<0.01	<0.01	<0.01	<0.01
4/4/2012	0.0191		<0.01						
7/9/2012	0.026	0.0059			<0.01				
7/10/2012			0.0026	<0.01		0.0081	<0.01	<0.01	<0.01
10/9/2012	0.049		0.007						
1/17/2013					<0.01				
1/18/2013	0.036	<0.01	<0.01	<0.01		0.0063	<0.01	<0.01	<0.01
4/5/2013	0.04		<0.01						

Time Series

Constituent: Vanadium (mg/L) Analysis Run 11/21/2021 9:37 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
7/17/2013	0.062	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
10/11/2013	0.032		<0.01						
1/13/2014		<0.01			<0.01				
1/14/2014	0.044		<0.01	<0.01		<0.01	0.006	<0.01	<0.01
4/3/2014	0.077 (O)		0.0032 (J)						
7/9/2014	0.032	0.0012 (J)	0.0031 (J)	0.0012 (J)	<0.01		0.0019 (J)		0.0016 (J)
7/10/2014						0.0026 (J)		0.0053	
10/24/2014	0.045		0.0028 (J)						
1/12/2015						0.0031 (J)			
1/13/2015		0.0013 (J)			<0.01				
1/14/2015	0.031		0.0034 (J)	0.002 (J)			0.0037 (J)	0.0013 (J)	<0.01
5/10/2015	0.013								
5/11/2015			0.0026 (J)						
7/16/2015		<0.01	0.0028 (J)		<0.01				
7/17/2015	0.028						0.0028 (J)		0.0029 (J)
7/18/2015				<0.01		0.003 (J)		0.0043 (J)	
10/6/2015	0.02		0.0016 (J)						
1/17/2016	0.028	0.0013 (J)	0.0029 (J)		<0.01	0.0025 (J)	0.0039 (J)		
1/18/2016				0.0019 (J)				<0.01	<0.01
4/26/2016	0.0181		0.00296 (J)						
7/27/2016	0.0189	<0.01			<0.01				
7/28/2016			0.0026 (J)			0.0024 (J)	0.0022 (J)		<0.01
7/29/2016				0.0031 (J)				0.0052 (J)	
10/25/2016	0.0206	<0.01	<0.01			<0.01			
1/4/2017			<0.01			<0.01	<0.01	<0.01	
1/5/2017	0.0172	<0.01		<0.01	<0.01				
1/6/2017									<0.01
4/3/2017		0.002 (J)							
4/4/2017	0.0235				<0.01	0.0024 (J)	0.003 (J)		
4/5/2017			0.0033 (J)	0.0029 (J)					
4/6/2017								<0.01	<0.01
7/11/2017	0.0136	0.0022 (J)				0.003 (J)		0.0016 (J)	
7/12/2017			0.0037 (J)						0.0013 (J)
7/13/2017				0.0037 (J)	<0.01		0.0019 (J)		
10/2/2017	0.0175	0.0022 (J)				0.0028 (J)			
10/3/2017			0.0036 (J)						
1/9/2018	0.0103	0.0021 (J)					0.0046 (J)		
1/10/2018			0.0029 (J)		<0.01	0.0026 (J)			
1/11/2018				0.0026 (J)				0.0012 (J)	<0.01
7/9/2018	0.0078 (J)					<0.01			
7/10/2018		0.0025 (J)	0.0025 (J)		<0.01		0.0031 (J)		
7/11/2018				0.0032 (J)				0.0025 (J)	<0.01
1/16/2019	0.0043 (J)			<0.01					
1/17/2019		<0.01	0.0021 (J)				0.0022 (J)		
1/18/2019								<0.01	<0.01
1/21/2019					0.0024 (J)	0.0031 (J)			
3/25/2019						0.0024 (J)			
3/26/2019	0.0063 (J)	0.0026 (J)	0.0038 (J)	0.0024 (J)			0.0041 (J)		
3/27/2019								0.002 (J)	<0.01
7/30/2019					<0.01				
10/8/2019	<0.01	<0.01	<0.01				<0.01		
10/9/2019				<0.01	<0.01	<0.01		<0.01	<0.01

Time Series

Constituent: Vanadium (mg/L) Analysis Run 11/21/2021 9:37 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
4/7/2020	0.0026 (J)	<0.01	<0.01				<0.01	0.0014 (J)	
4/8/2020				<0.01	<0.01	<0.01			0.0015 (J)
9/29/2020	<0.01				<0.01				
9/30/2020		0.0028 (J)	0.0028 (J)	<0.01		0.0029 (J)	0.0029 (J)	<0.01	
10/1/2020									<0.01
3/10/2021								<0.01	<0.01
3/11/2021				<0.01					
3/12/2021		0.0037 (J)				0.0038 (J)			
3/15/2021					<0.01				
3/16/2021	<0.01		0.0034 (J)				0.003 (J)		
9/21/2021								<0.01	
9/22/2021	0.0052 (J)		0.0025 (J)	<0.01	<0.01	0.0033 (J)	<0.01		<0.01
9/23/2021		0.0022 (J)							

Time Series

Constituent: Vanadium (mg/L) Analysis Run 11/21/2021 9:37 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
3/11/2021	<0.01	<0.01	0.0024 (J)	<0.01	0.0024 (J)
9/21/2021				<0.01	<0.01
9/22/2021	<0.01	<0.01			
9/23/2021			<0.01		

Time Series

Constituent: Zinc (mg/L) Analysis Run 11/21/2021 9:37 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
9/29/2000	<0.01	<0.01	<0.01	0.026 (O)	<0.02 (O)	<0.01	<0.01	0.38 (O)	<0.01
11/21/2000	<0.01		<0.01	<0.01	0.024 (O)	<0.01	<0.01	0.077 (O)	<0.01
1/20/2001	<0.01	0.025	0.041	0.031 (O)	<0.02 (O)	<0.01	<0.01	0.23 (O)	<0.01
3/14/2001	<0.01	<0.01	<0.01	0.063 (O)	<0.02 (O)	<0.01	<0.01	0.24 (O)	<0.01
7/16/2001	<0.01	<0.01	0.059	0.08 (O)	<0.02 (O)	<0.01	<0.01	0.053 (O)	<0.01
11/1/2001	<0.01	<0.01	<0.01	0.16 (O)	<0.02 (O)	<0.01	<0.01	0.022 (O)	0.044 (O)
4/25/2002	<0.01	<0.01	<0.01	<0.01	<0.02 (O)	<0.01	<0.01	1.2 (O)	<0.01
11/20/2002		0.016	0.061	0.14 (O)	0.028 (O)	<0.01	<0.01	0.045 (O)	0.023
6/6/2003	0.69 (O)	0.032	0.041	0.51 (O)	0.032 (O)	0.011	<0.01	0.042 (O)	<0.01
12/12/2003	0.12	0.019	0.012	<0.01	<0.01 (O)	<0.01	0.013	<0.01	<0.01
5/26/2004	0.013	<0.01	0.016	0.036 (O)	<0.01 (O)	<0.01	<0.01	<0.01	0.035
12/7/2004	<0.01	<0.01	<0.01	0.069 (O)	0.012 (O)	<0.01	0.028 (O)	<0.01	0.018
6/21/2005	<0.01	<0.01	<0.01	0.076 (O)	<0.01 (O)	<0.01	<0.01	<0.01	0.014
12/12/2005	0.014	0.01	0.017	<0.01	<0.01 (O)	<0.01	<0.01	<0.01	0.023
4/4/2006		<0.01							
6/27/2006	0.01	0.0043	0.11	0.01	0.0071	<0.01	0.0028	0.012 (O)	0.023
8/30/2006		0.017							
12/4/2006	0.0065	0.0053	0.086	0.0035	0.0096	<0.01	0.0028	0.0067	0.046 (O)
2/15/2007		0.0045							
6/23/2007	0.0049	0.0043	0.076	0.0032	0.094 (O)	<0.01	0.0063	0.025 (O)	0.036
9/11/2007		0.004							
12/11/2007	0.0043	0.0048	0.087	0.0079	0.042 (O)	<0.01	<0.01	0.0038	0.011
3/11/2008		0.0043							
6/23/2008	0.0025	0.0037					<0.01	0.0051	0.0091
6/24/2008			0.062	<0.01	0.098 (O)	<0.01			
11/3/2008		0.0032							
12/4/2008	0.0025	0.0029					<0.01	<0.01	0.0038
12/5/2008			0.014	<0.01	0.047 (O)	<0.01			
3/25/2009		0.0055							
7/7/2009	<0.01	0.0028	0.052	<0.01	0.024 (O)	<0.01			
7/8/2009							<0.01	<0.01	<0.01
9/14/2009		0.0027							
12/20/2009	0.0031	0.0029				<0.01			
12/21/2009			0.046	<0.01	0.049 (O)		<0.01	0.013 (O)	0.0032
3/4/2010		0.0042							
6/20/2010	<0.01	0.0027		<0.01	0.045 (O)	<0.01	<0.01	<0.01	<0.01
6/21/2010			0.045						
9/14/2010		<0.01							
1/6/2011				<0.01		<0.01	<0.01		0.004
1/7/2011	<0.01	0.0032	0.024		0.0044			0.004	
4/15/2011		<0.01							
7/7/2011	0.0031	0.005		0.0027	0.003	0.0025	<0.01	0.0028	0.0037
7/8/2011			0.023						
9/25/2011		0.0041							
1/17/2012	0.004	0.0043		0.0039		<0.01	0.0043	0.0043	0.0031
1/18/2012			0.011		0.0048				
4/4/2012		<0.01							
7/9/2012	0.0096			<0.01		<0.01	<0.01	<0.01	0.003
7/10/2012		0.0028	0.024		<0.01				
10/9/2012		0.0033							
1/17/2013				<0.01		<0.01	0.0025	0.0033	<0.01
1/18/2013	0.051	0.0038	0.011		0.0028				

Time Series

Constituent: Zinc (mg/L) Analysis Run 11/21/2021 9:37 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
4/5/2013		0.0026							
7/16/2013				0.0032		<0.01	<0.01	0.0028	0.0029
7/17/2013	0.042	<0.01	0.0029		<0.01				
10/11/2013		0.0046							
1/13/2014	0.0025			0.0025		0.0025	0.0025	0.0025	0.0025
1/14/2014		0.0025	0.0025		0.0025				
4/3/2014		0.0029							
7/8/2014							0.0011 (J)	0.002 (J)	0.0018 (J)
7/9/2014	0.064	0.002 (J)	0.0051	0.00076 (J)	0.00093 (J)	<0.01			
10/24/2014		0.0031							
1/12/2015			0.0023 (J)						
1/13/2015	0.066			0.0036		0.0025	0.0021 (J)	0.0079	0.0028
1/14/2015		0.003			0.0023 (J)				
5/10/2015		0.0028							
7/16/2015	0.036		0.0021 (J)	<0.01		<0.01	<0.01	0.0026	0.0018 (J)
7/17/2015		0.0018 (J)			<0.01				
10/6/2015		0.0018 (J)							
1/17/2016						<0.01			
1/18/2016	0.035	0.0028	0.0092	<0.01	0.0029			0.0025	0.0017 (J)
1/19/2016							0.0029		
4/26/2016		<0.01							
7/26/2016							<0.01		0.0028 (J)
7/27/2016	0.0529			0.0015 (J)		<0.01		0.0021 (J)	
7/28/2016		0.0018 (J)			<0.01				
7/29/2016			0.003 (J)						
10/24/2016		0.0024 (J)							
10/25/2016	0.0035 (J)								
1/3/2017		0.0035 (J)		<0.01					
1/4/2017						<0.01	<0.01	0.0025 (J)	
1/5/2017					<0.01				0.0021 (J)
1/6/2017	0.0235		0.0104						
4/3/2017		0.0041 (J)							
4/4/2017			0.0132			<0.01			
4/5/2017								0.0026 (J)	
4/6/2017	0.0829			0.0023 (J)	0.0032 (J)		0.004 (J)		0.0027 (J)
7/10/2017								0.0023 (J)	
7/11/2017		0.0029 (J)					<0.01		
7/12/2017			0.0046 (J)	<0.01	0.002 (J)	<0.01			0.0043 (J)
7/13/2017	0.0853								
10/2/2017		0.0026 (J)							
10/4/2017	0.0263								
1/9/2018	0.0665	0.0035 (J)			0.0036 (J)				
1/10/2018				0.0022 (J)		0.0014 (J)			0.0021 (J)
1/11/2018			0.0095 (J)				0.0018 (J)	0.0031 (J)	
7/9/2018		0.0022 (J)							
7/10/2018				<0.01	0.0055 (J)	0.0021 (J)			
7/11/2018	0.02 (J)		0.0028 (J)				<0.01	0.0036 (J)	0.0039 (J)
1/16/2019	0.014 (J)	0.0037 (J)	0.0052 (J)	<0.01	<0.01	<0.01			0.047
1/17/2019							<0.01	0.0032 (J)	
3/25/2019	<0.05 (O)	<0.01	0.0078 (J)						
3/26/2019				<0.01	<0.01	<0.01			0.03
3/27/2019							<0.01	0.0031 (J)	

Time Series

Constituent: Zinc (mg/L) Analysis Run 11/21/2021 9:37 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
10/7/2019		0.0077 (J)							
10/8/2019	0.095						0.0061 (J)		0.053
10/9/2019			0.0064 (J)	0.0081 (J)	0.016 (J)	0.0057 (J)		0.0057 (J)	
4/6/2020	<0.01	<0.01							
4/7/2020			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
4/8/2020									0.023
9/28/2020	0.16	0.0092 (J)				0.0092 (J)			0.016
9/29/2020							0.0031 (J)	0.0074 (J)	
9/30/2020				<0.01	<0.01				
10/1/2020			0.0064 (J)						
3/10/2021			<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
3/11/2021	0.054								
3/12/2021		0.0028 (J)							
3/15/2021									0.039
9/21/2021	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	0.036
9/23/2021						<0.01			

Time Series

Constituent: Zinc (mg/L) Analysis Run 11/21/2021 9:37 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
9/29/2000	<0.01	<0.01	<0.01	<0.01					<0.01
11/21/2000	<0.01	<0.01	<0.01	<0.01	0.021 (O)				<0.01
1/20/2001	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01
3/14/2001	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01
7/16/2001	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01
11/1/2001	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01
4/25/2002	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01
11/20/2002	<0.01	<0.01	<0.01	0.014	<0.01				0.033 (O)
6/6/2003	<0.01	<0.01	0.035 (O)	0.012	<0.01				<0.01
12/12/2003	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01
5/26/2004	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01
12/7/2004	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01
6/21/2005	<0.01	<0.01	<0.01	<0.01	<0.01				<0.01
12/12/2005	0.011	0.064 (O)	<0.01	<0.01	0.012				0.032 (O)
4/4/2006	<0.01		<0.01						
6/27/2006	0.0045	0.011	0.077 (O)	0.0046	<0.01				0.018 (O)
8/30/2006	<0.01		0.0027						
12/4/2006	<0.01	0.0033	<0.01	0.0071	<0.01				0.0044
2/15/2007	<0.01		0.0032						
6/23/2007	<0.01	0.0029	0.0058	0.005	<0.01				0.0041
9/11/2007	<0.01		0.0033						
12/11/2007	<0.01	<0.01	<0.01	0.0033	<0.01				0.0039
3/11/2008	<0.01		<0.01						
6/23/2008									<0.01
6/24/2008	<0.01	<0.01	<0.01	0.0037	<0.01				
11/3/2008	<0.01		0.0025						
12/4/2008	<0.01				<0.01				0.0039
12/5/2008		<0.01	<0.01	0.0027					
3/25/2009	<0.01		0.0025						
7/8/2009	<0.01	<0.01	<0.01	0.0048	<0.01				<0.01
9/14/2009	<0.01		<0.01						
12/20/2009	<0.01	<0.01	<0.01		<0.01				
12/21/2009				0.0032					0.004
3/4/2010	<0.01		<0.01						
6/20/2010	<0.01	<0.01			<0.01				<0.01
6/21/2010			<0.01	0.0028		<0.01	0.04 (O)	<0.01	
9/14/2010	<0.01		<0.01						
1/6/2011					<0.01				
1/7/2011	<0.01	<0.01	<0.01	0.003		<0.01	<0.01	0.019	0.0032
4/15/2011	<0.01		<0.01						
7/7/2011	<0.01	<0.01	<0.01			<0.01			
7/8/2011				0.0034		0.086 (JO)	0.0044	0.1 (O)	0.0025
9/25/2011	<0.01		0.0028						
1/17/2012	<0.01	<0.01			<0.01				
1/18/2012			0.0029	0.0049		<0.01	<0.01	0.0051	0.0045
4/4/2012	<0.01		<0.01						
7/9/2012	<0.01	<0.01			<0.01				
7/10/2012			<0.01	0.0039		<0.01	<0.01	0.01	<0.01
10/9/2012	<0.01		0.0027						
1/17/2013					<0.01				
1/18/2013	<0.01	<0.01	<0.01	0.0043		0.0032	<0.01	0.0036	0.0029
4/5/2013	<0.01		<0.01						

Time Series

Constituent: Zinc (mg/L) Analysis Run 11/21/2021 9:37 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
7/17/2013	<0.01	<0.01	<0.01	0.0035	<0.01	<0.01	<0.01	0.0025	<0.01
10/11/2013	<0.01		<0.01						
1/13/2014		0.0025			0.0025				
1/14/2014	0.0025		0.0025	0.0025		0.0025	0.0025	0.0025	0.0025
4/3/2014	0.0014 (J)		0.0015 (J)						
7/9/2014	0.00086 (J)	<0.01	0.0012 (J)	0.0033	0.00058 (J)		0.00084 (J)		0.0016 (J)
7/10/2014						<0.01		0.024	
10/24/2014	0.00083 (J)		0.0013 (J)						
1/12/2015						<0.01			
1/13/2015		<0.01			0.0024 (J)				
1/14/2015	<0.01		0.0017 (J)	0.0067			0.0018 (J)	0.0016 (J)	0.0024 (J)
5/10/2015	<0.01								
5/11/2015			0.0015 (J)						
7/16/2015		<0.01	<0.01		<0.01				
7/17/2015	<0.01						<0.01		0.0031
7/18/2015				<0.01		<0.01		0.014	
10/6/2015	<0.01		<0.01						
1/17/2016	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01		
1/18/2016				0.012				<0.01	0.0059
4/26/2016	<0.01		<0.01						
7/27/2016	<0.01	<0.01			0.0018 (J)				
7/28/2016			<0.01			<0.01	<0.01		0.0019 (J)
7/29/2016				0.0086 (J)				0.0129	
10/25/2016	<0.01	<0.01	<0.01			<0.01			
1/4/2017			0.0025 (J)			<0.01	<0.01	0.006 (J)	
1/5/2017	<0.01	<0.01		0.016	<0.01				
1/6/2017									0.0026 (J)
4/3/2017		<0.01							
4/4/2017	<0.01				0.0015 (J)	<0.01	0.0015 (J)		
4/5/2017			0.0025 (J)	0.0175					
4/6/2017								0.0031 (J)	0.0047 (J)
7/11/2017	<0.01	<0.01				<0.01		0.0029 (J)	
7/12/2017			0.002 (J)						0.003 (J)
7/13/2017				0.0126	0.0014 (J)		0.002 (J)		
10/2/2017	0.0026 (J)	<0.01				<0.01			
10/3/2017			<0.01						
1/9/2018	0.0018 (J)	<0.01					0.0016 (J)		
1/10/2018			0.0016 (J)		<0.01	0.0034 (J)			
1/11/2018				0.012				0.0106	0.0046 (J)
7/9/2018	<0.01					<0.01			
7/10/2018		<0.01	0.0031 (J)		<0.01		<0.01		
7/11/2018				0.011				0.0057 (J)	0.0033 (J)
1/16/2019	<0.01			0.0094 (J)					
1/17/2019		<0.01	<0.01				<0.01		
1/18/2019								0.0024 (J)	0.0025 (J)
1/21/2019					<0.01	<0.01			
3/25/2019						<0.01			
3/26/2019	<0.01	<0.01	<0.01	0.0057 (J)			<0.01		
3/27/2019								<0.01	0.0026 (J)
7/30/2019					0.0067 (J)				
10/8/2019	0.0052 (J)	0.0051 (J)	0.01				0.0071 (J)		
10/9/2019				0.011	0.005 (J)	0.0049 (J)		0.0079 (J)	0.0054 (J)

Time Series

Constituent: Zinc (mg/L) Analysis Run 11/21/2021 9:37 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
4/7/2020	<0.01	<0.01	<0.01				<0.01	<0.01	
4/8/2020				<0.01	<0.01	<0.01			<0.01
9/29/2020	<0.01				0.056				
9/30/2020		0.032	0.0051 (J)	0.0043 (J)		0.031	0.0096 (J)	<0.01	
10/1/2020									0.025
3/10/2021								<0.01	<0.01
3/11/2021				0.0056 (J)					
3/12/2021		<0.01				<0.01			
3/15/2021					<0.01				
3/16/2021	<0.01		<0.01				<0.01		
9/21/2021								<0.01	
9/22/2021	0.01		<0.01	<0.01	<0.01	<0.01	<0.01		<0.01
9/23/2021		<0.01							

Time Series

Constituent: Zinc (mg/L) Analysis Run 11/21/2021 9:37 AM View: Descriptive

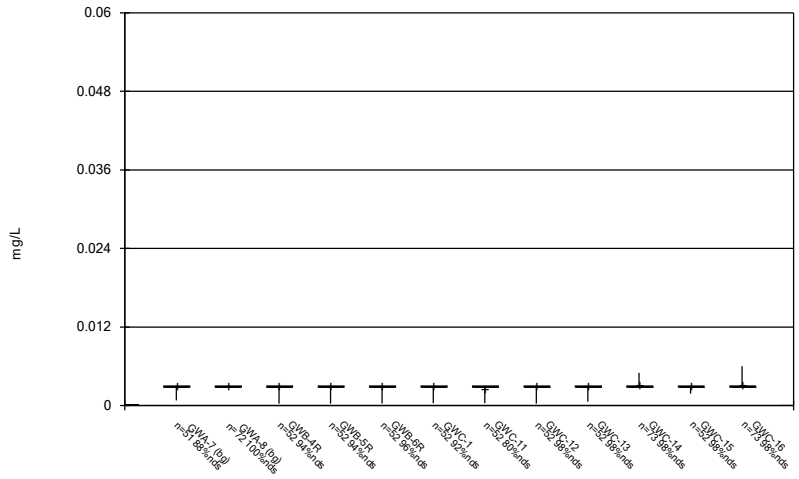
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	MW-23D	MW-24D	MW-25D	MW-26D	MW-27D
3/11/2021	0.0067 (J)	0.0025 (J)	0.0054 (J)	0.008 (J)	0.0066 (J)
9/21/2021				<0.01	<0.01
9/22/2021	<0.01	<0.01			
9/23/2021			<0.01		

FIGURE B.

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

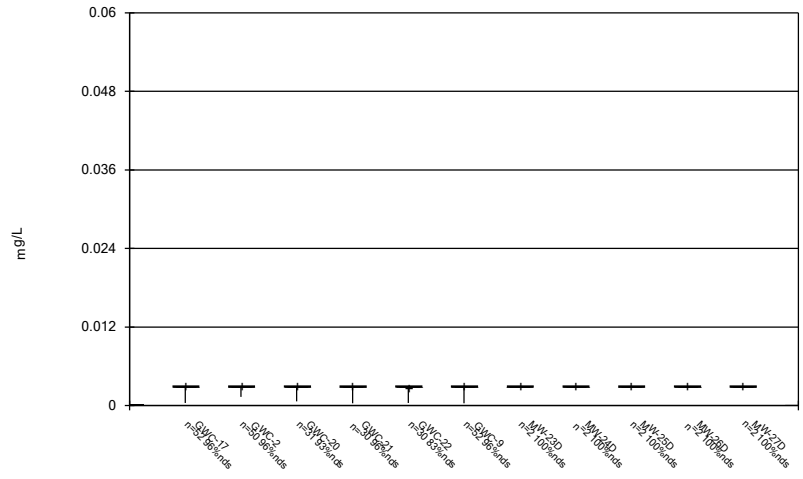


Constituent: Antimony Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

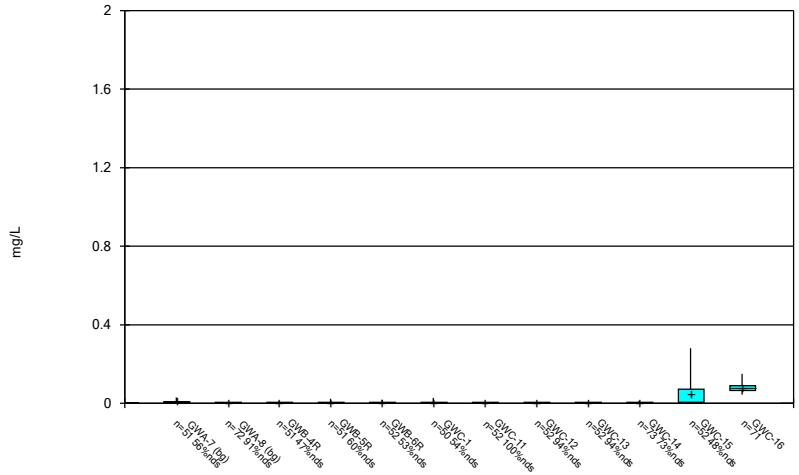


Constituent: Antimony Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

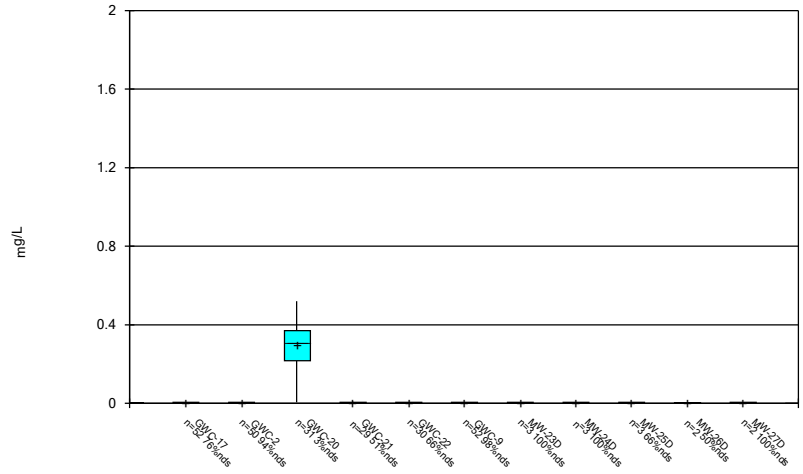


Constituent: Arsenic Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

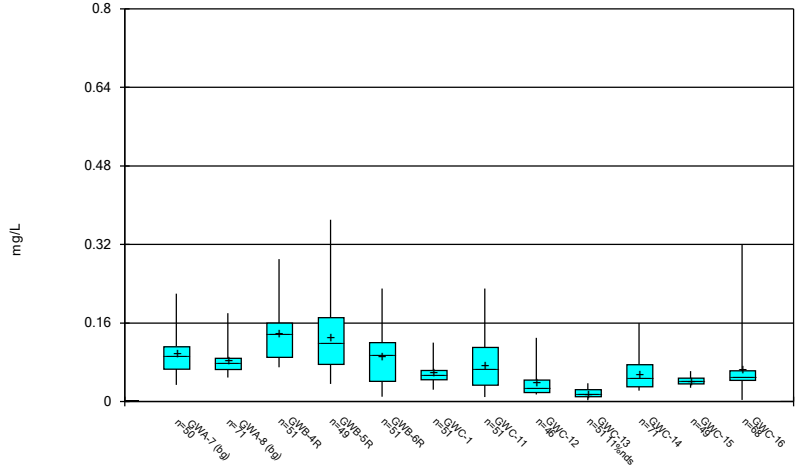


Constituent: Arsenic Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

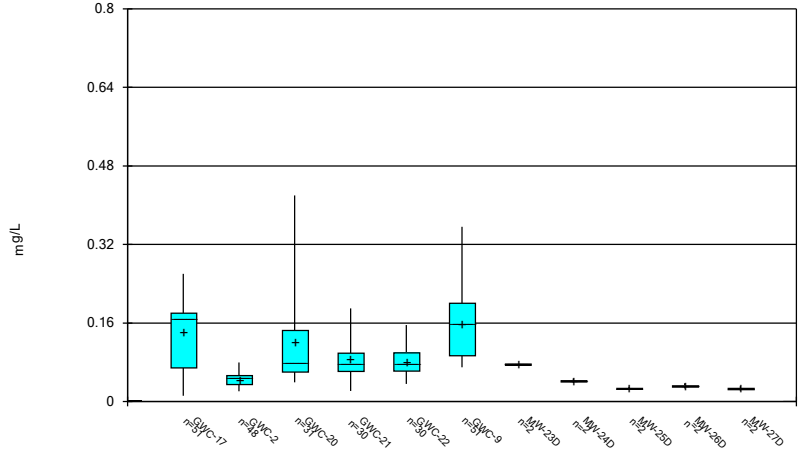


Constituent: Barium Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

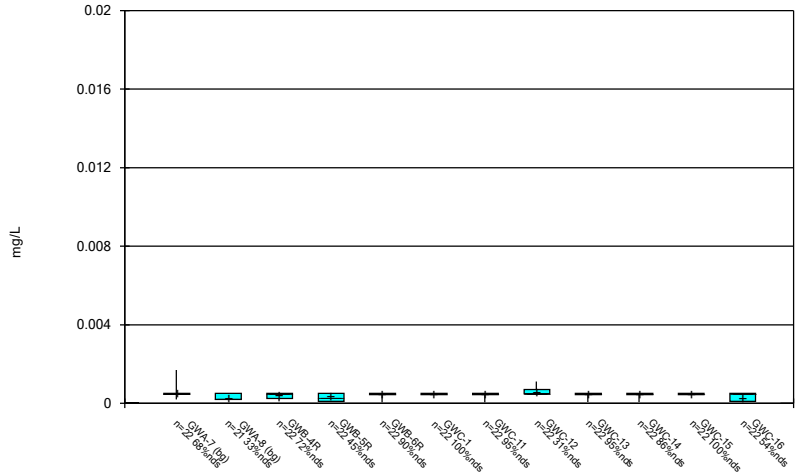


Constituent: Barium Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

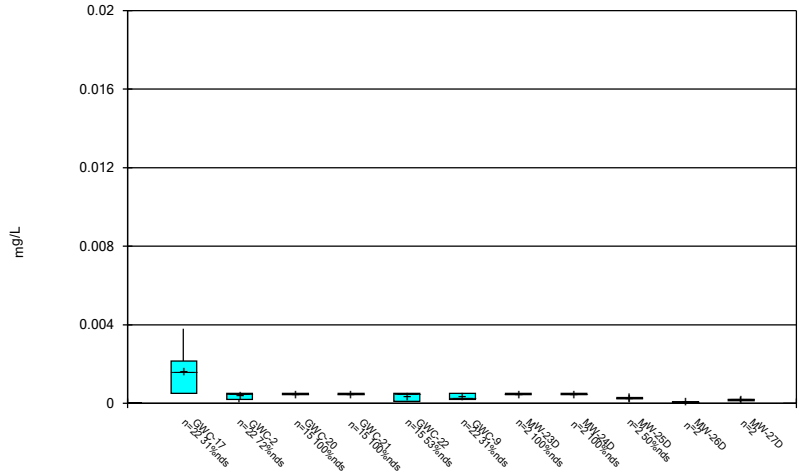


Constituent: Beryllium Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

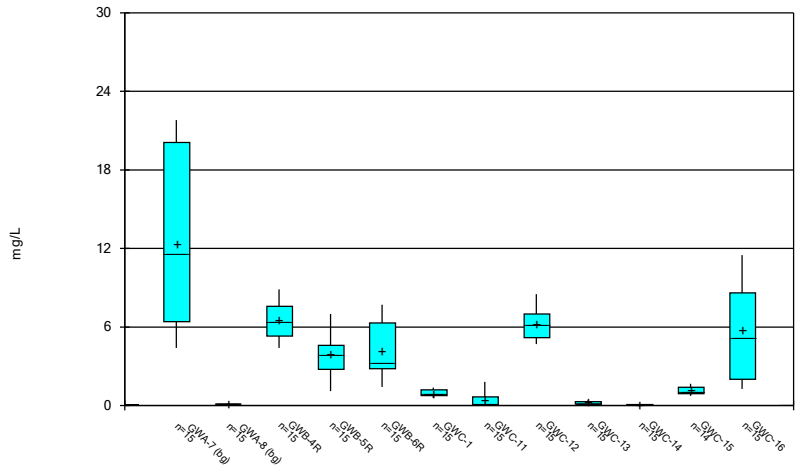


Constituent: Beryllium Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

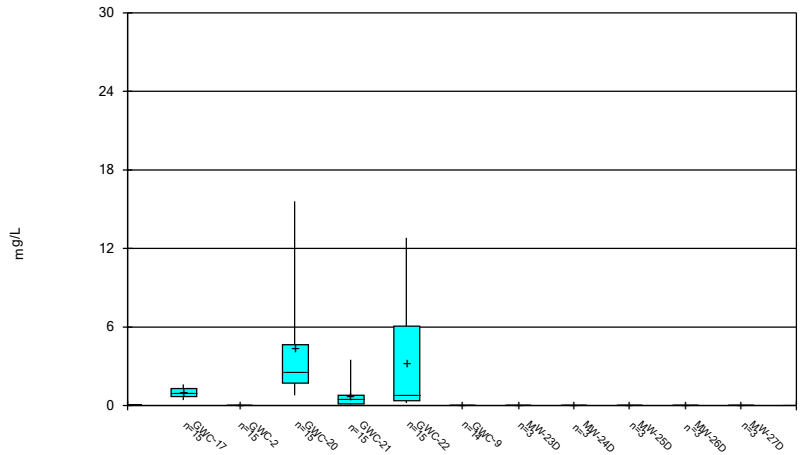


Constituent: Boron Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

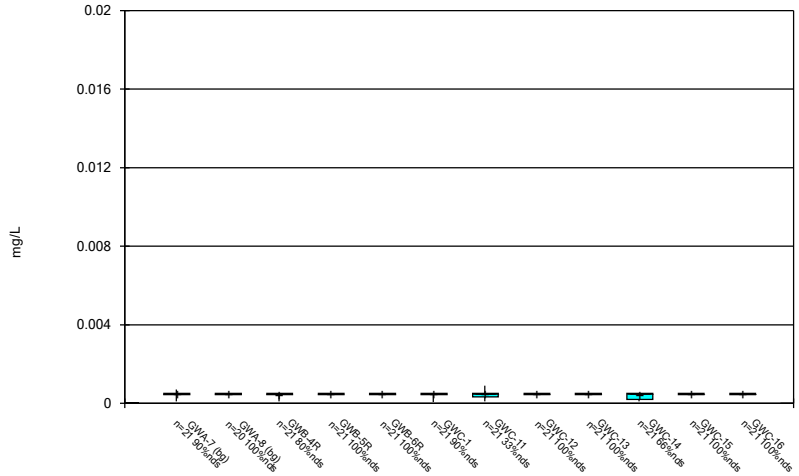


Constituent: Boron Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

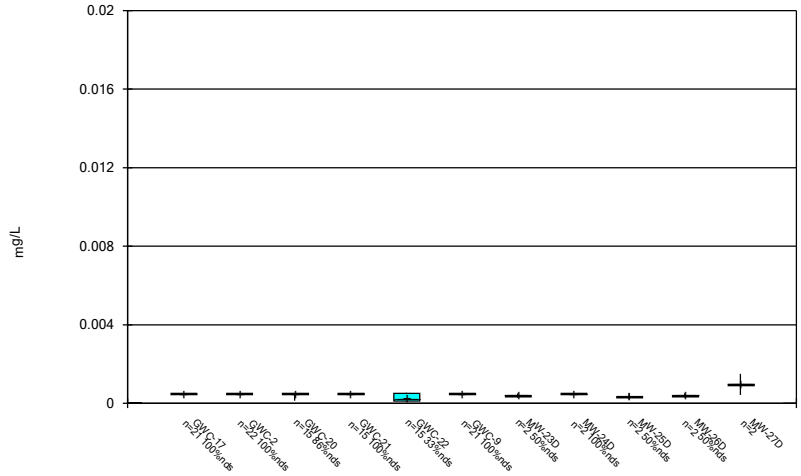


Constituent: Cadmium Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

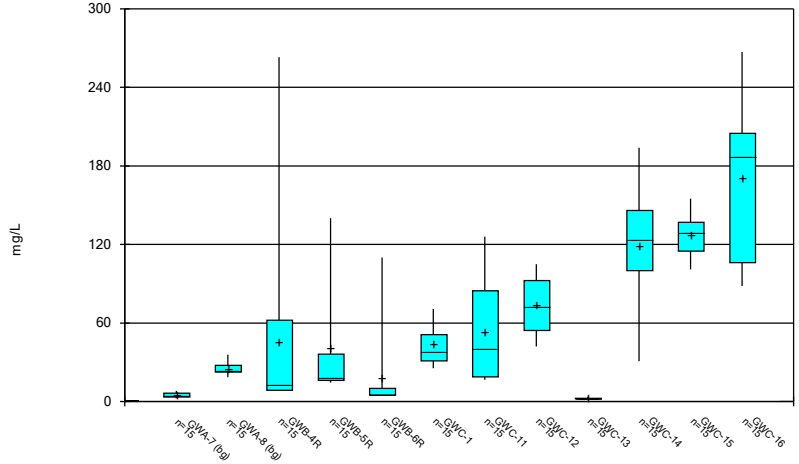


Constituent: Cadmium Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

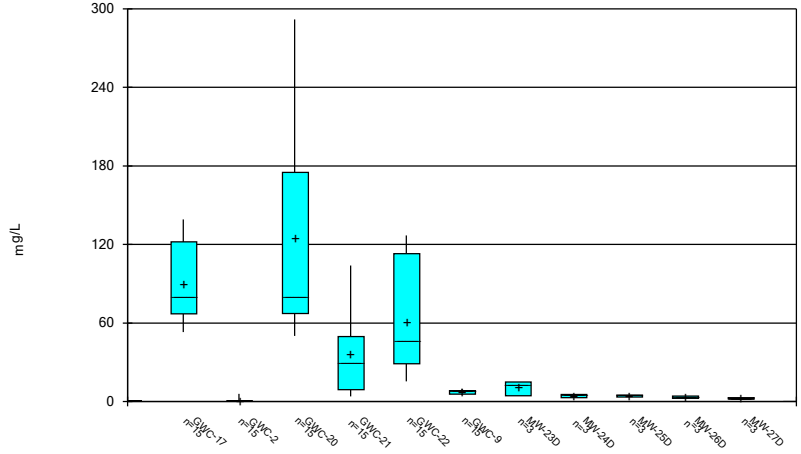


Constituent: Calcium Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

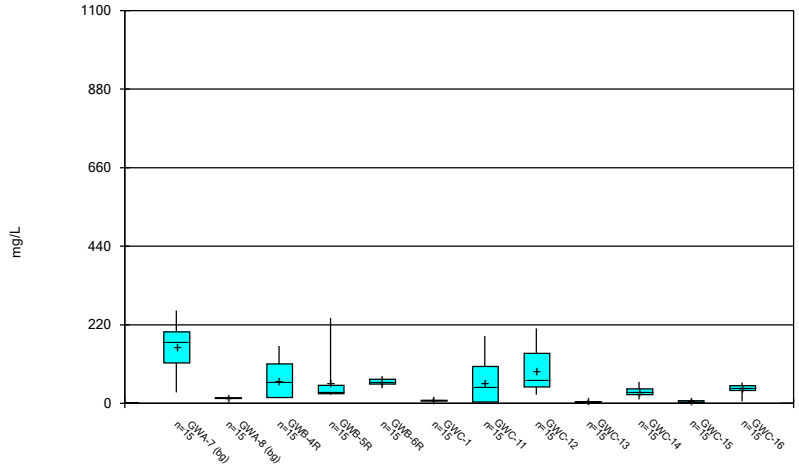


Constituent: Calcium Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

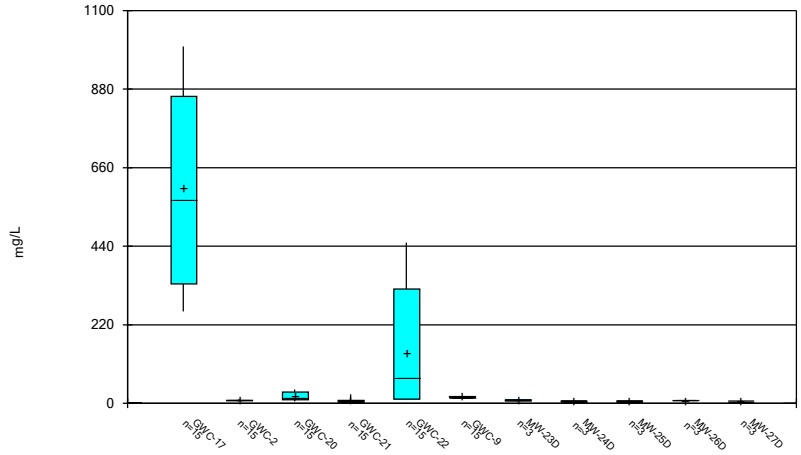


Constituent: Chloride Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

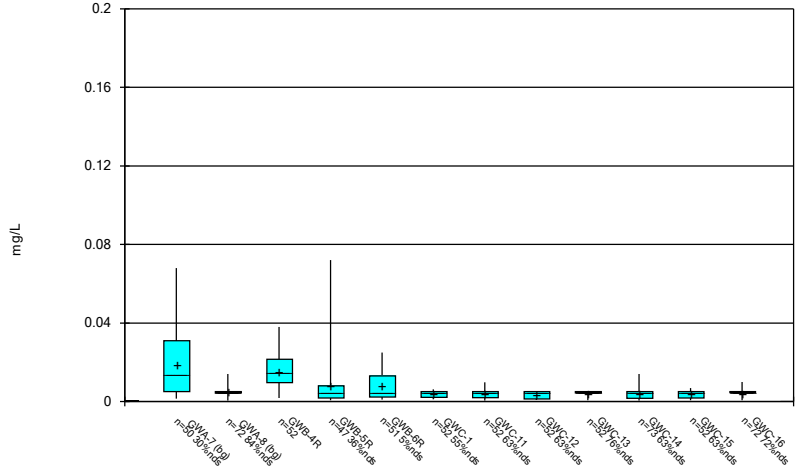


Constituent: Chloride Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

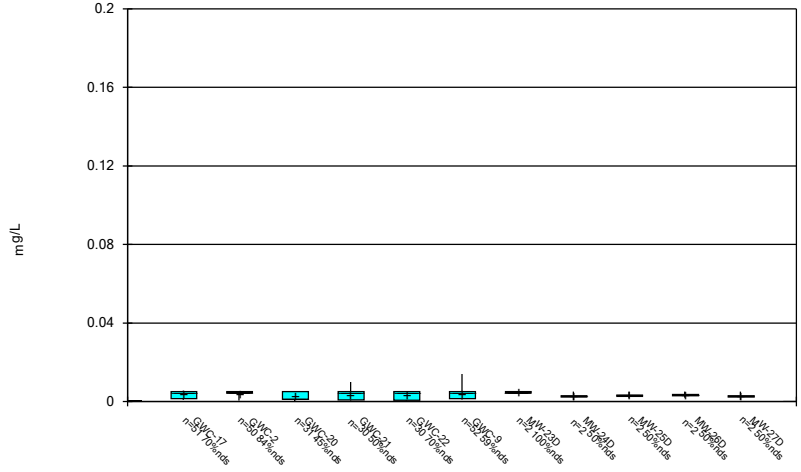


Constituent: Chromium Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

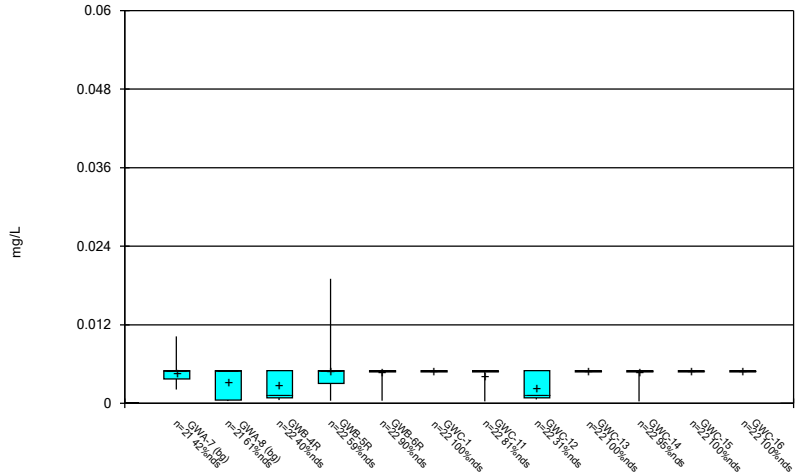


Constituent: Chromium Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

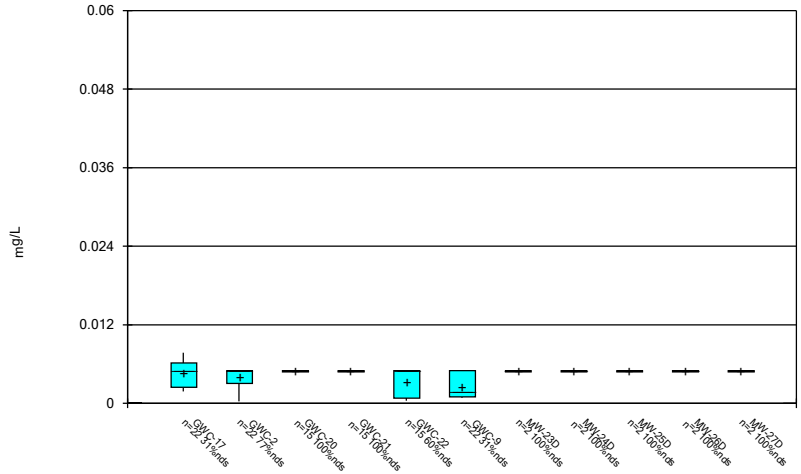


Constituent: Cobalt Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

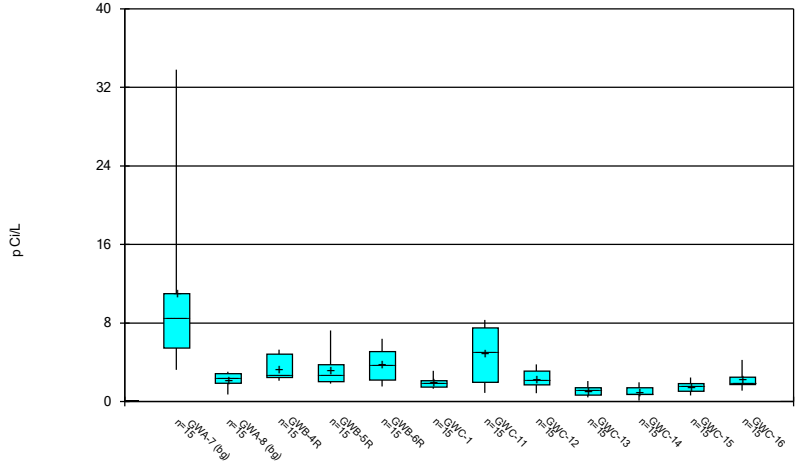


Constituent: Cobalt Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

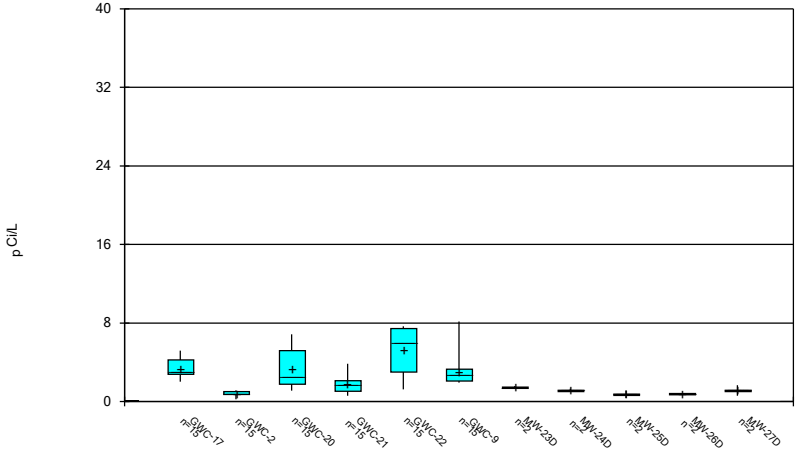


Constituent: Combined Radium 226 + 228 Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

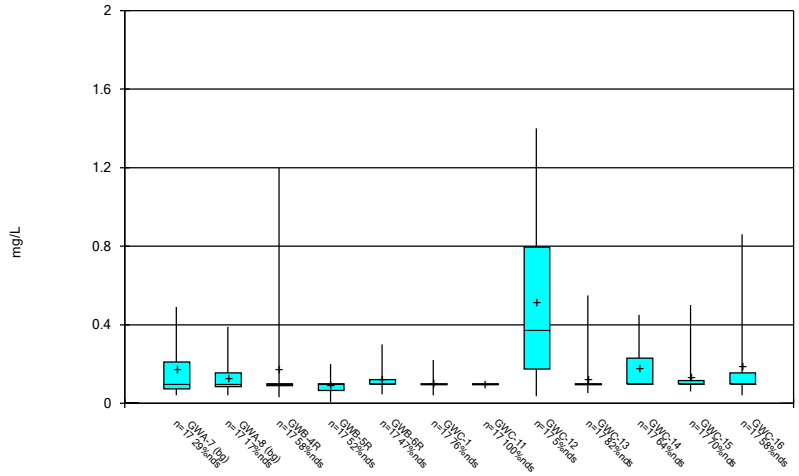


Constituent: Combined Radium 226 + 228 Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

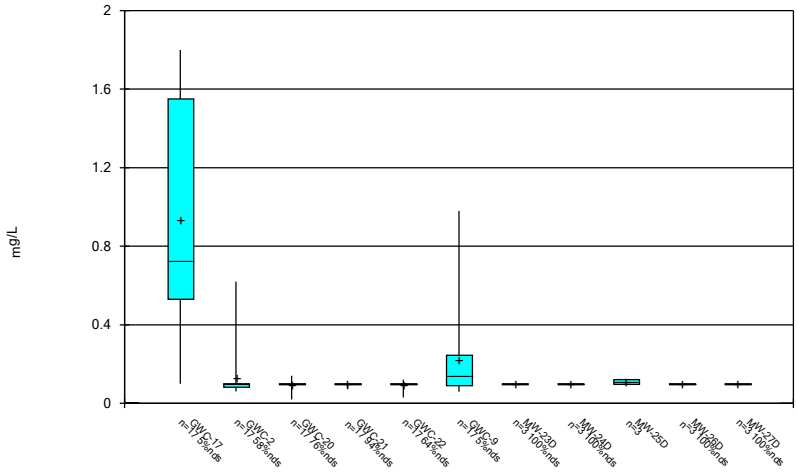


Constituent: Fluoride Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

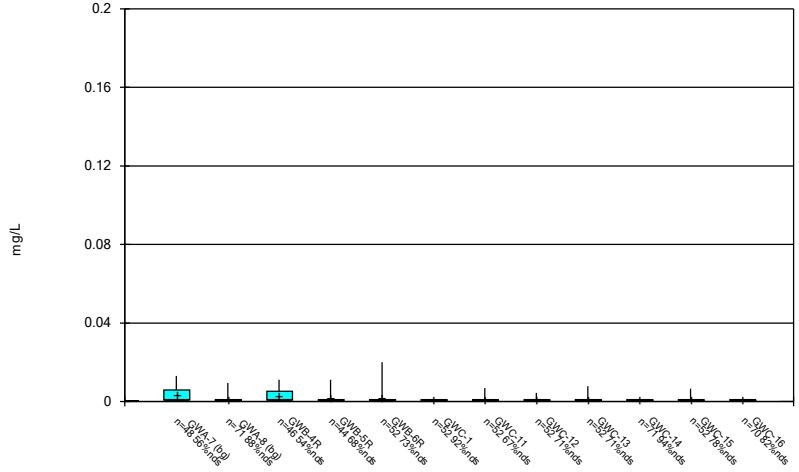


Constituent: Fluoride Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

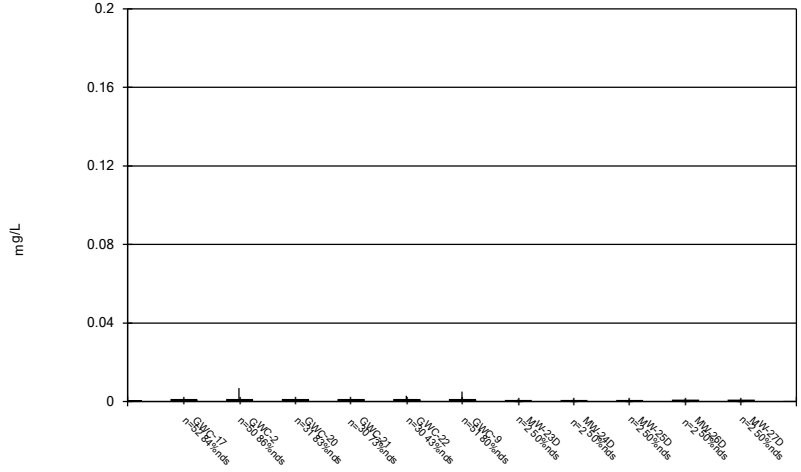


Constituent: Lead Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

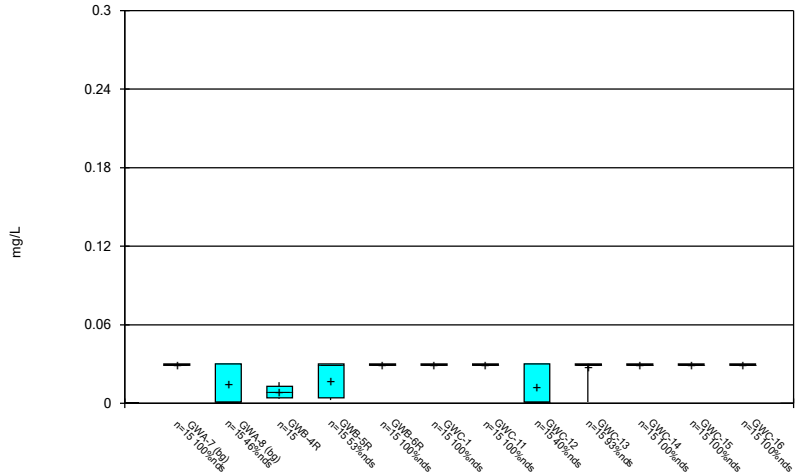


Constituent: Lead Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

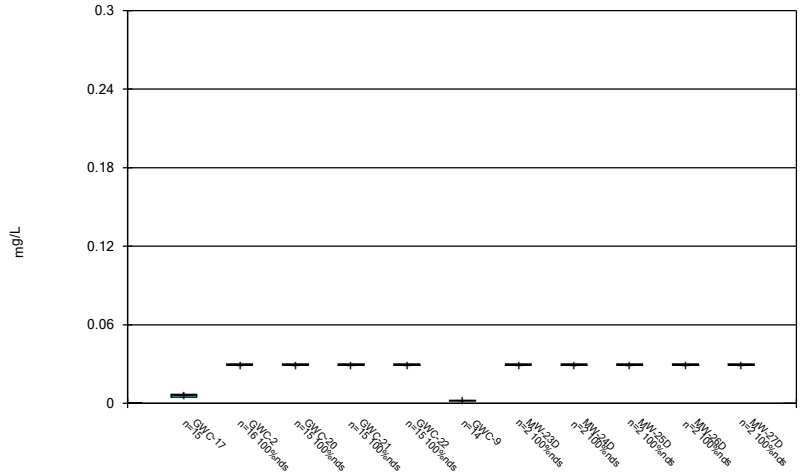


Constituent: Lithium Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

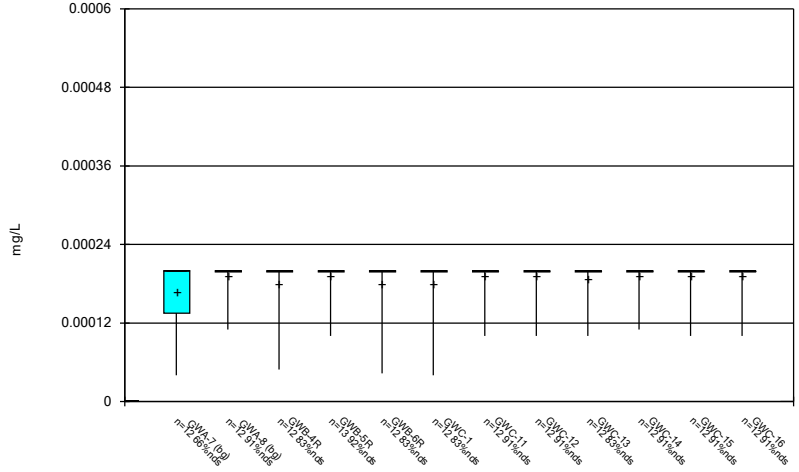


Constituent: Lithium Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

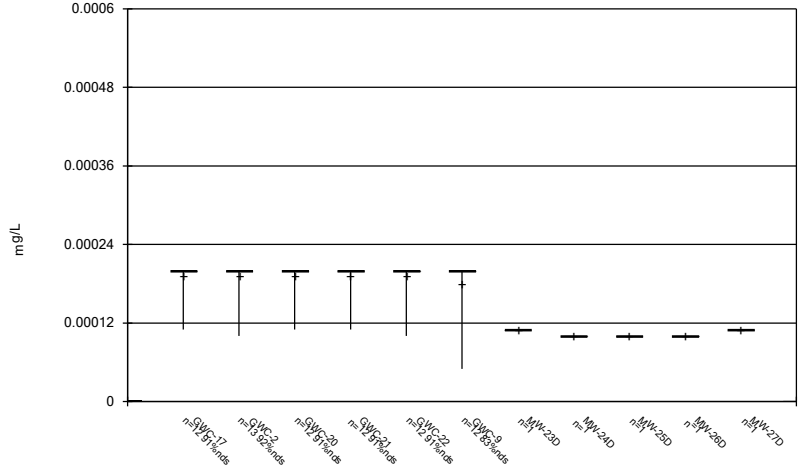


Constituent: Mercury Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

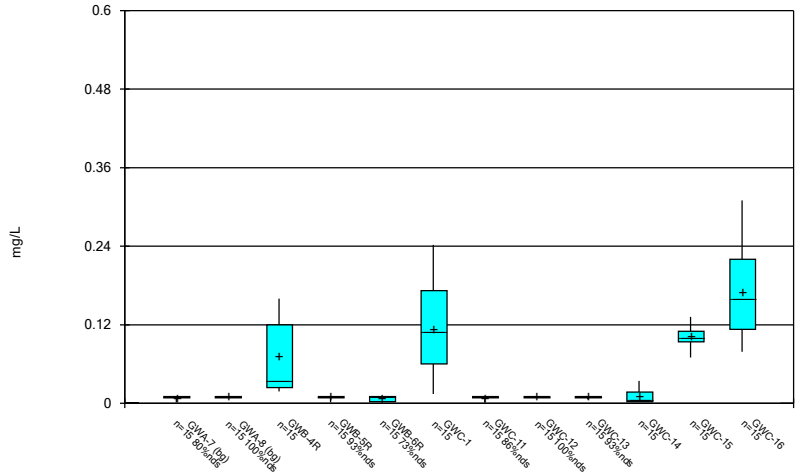


Constituent: Mercury Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

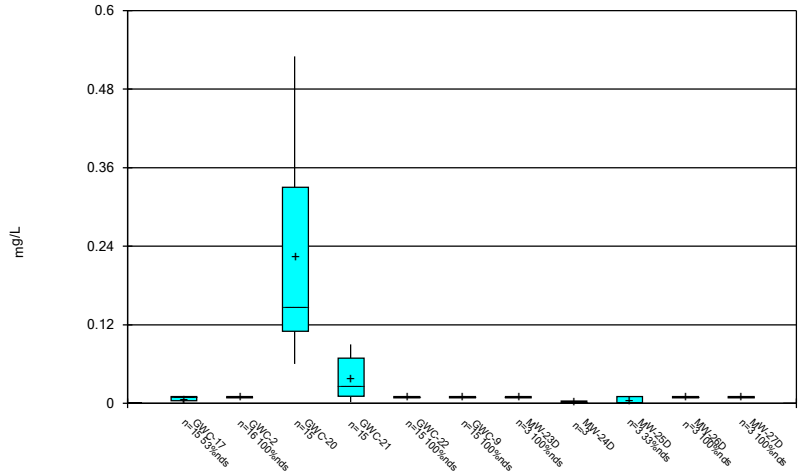


Constituent: Molybdenum Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

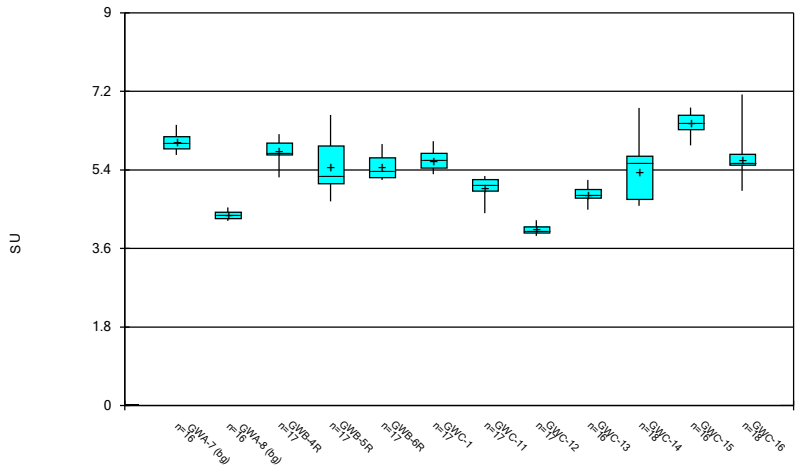


Constituent: Molybdenum Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

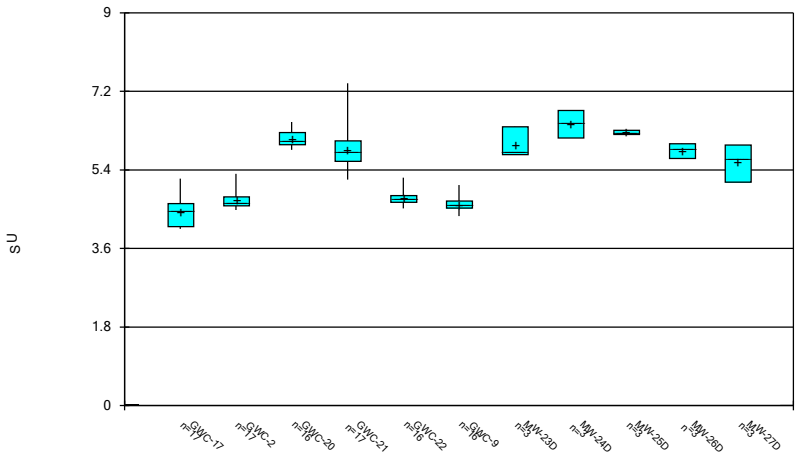


Constituent: pH Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

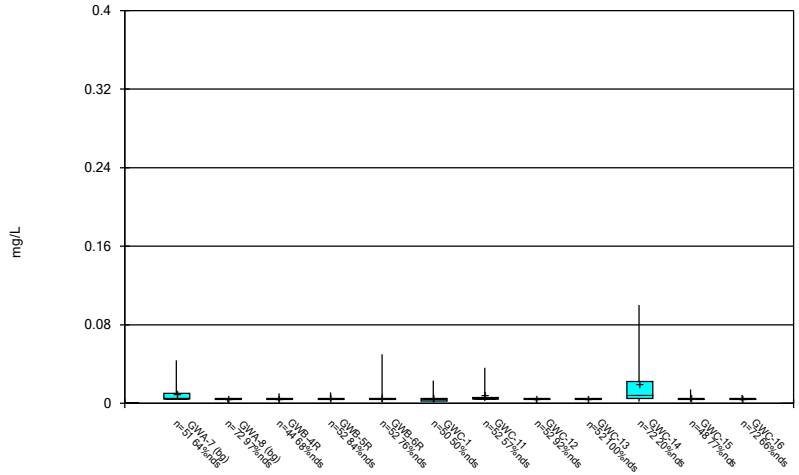


Constituent: pH Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

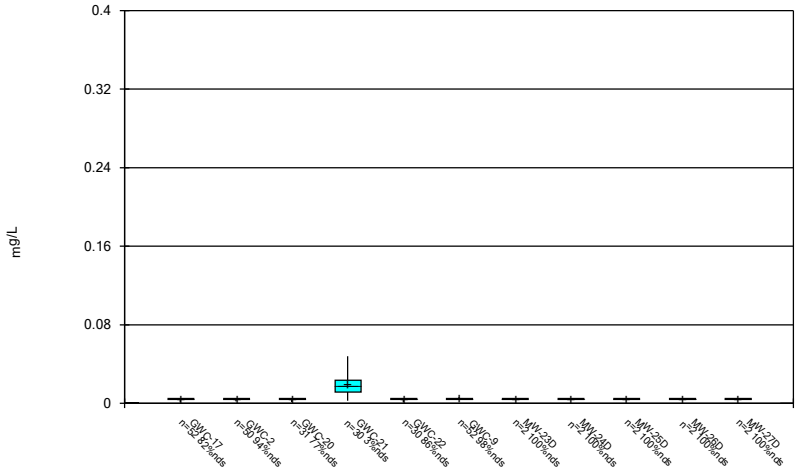


Constituent: Selenium Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

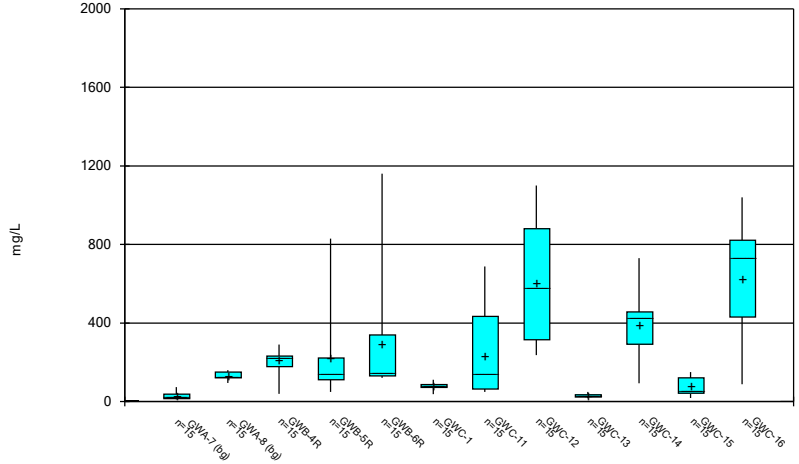


Constituent: Selenium Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

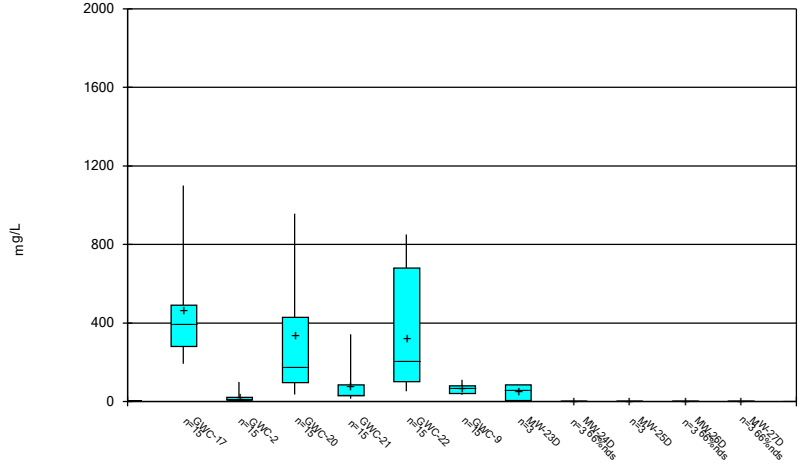


Constituent: Sulfate Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

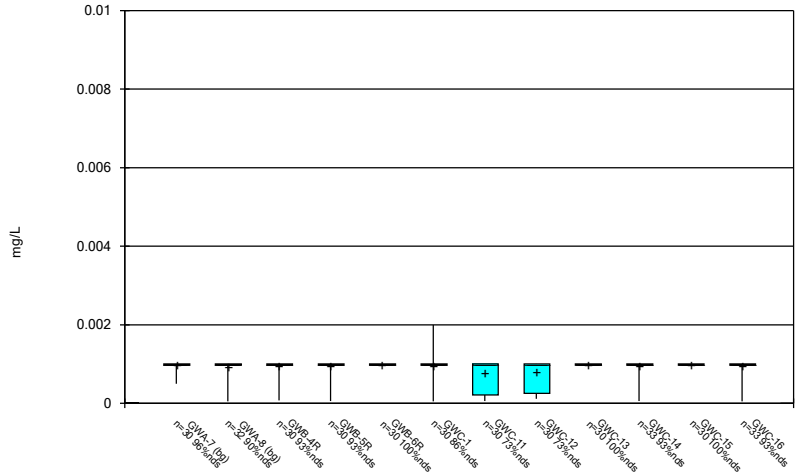


Constituent: Sulfate Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

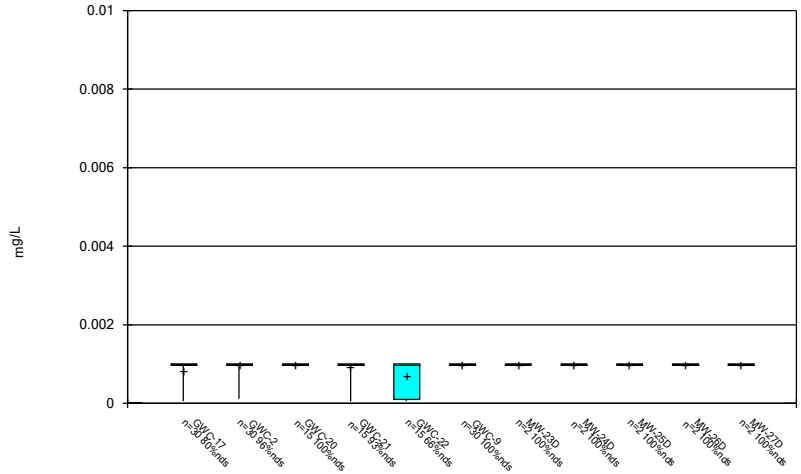


Constituent: Thallium Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot

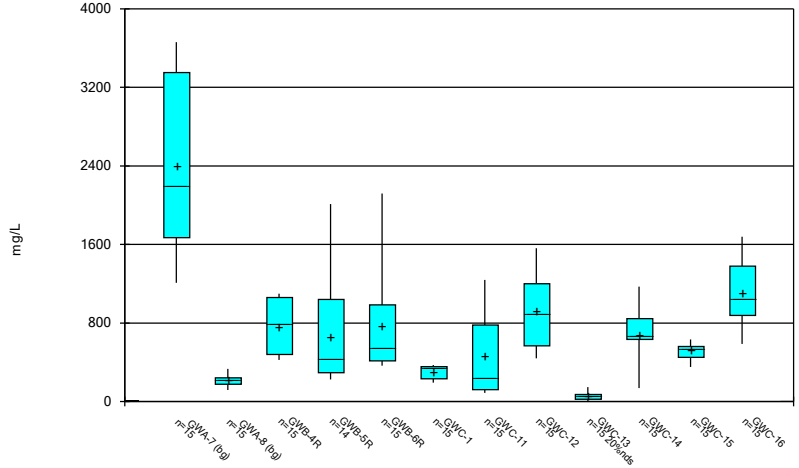


Constituent: Thallium Analysis Run 11/21/2021 9:38 AM View: Descriptive

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

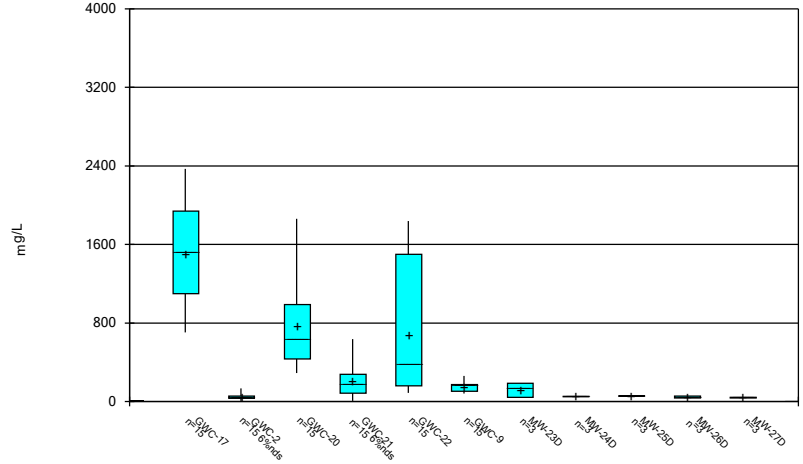
Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 11/21/2021 9:38 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

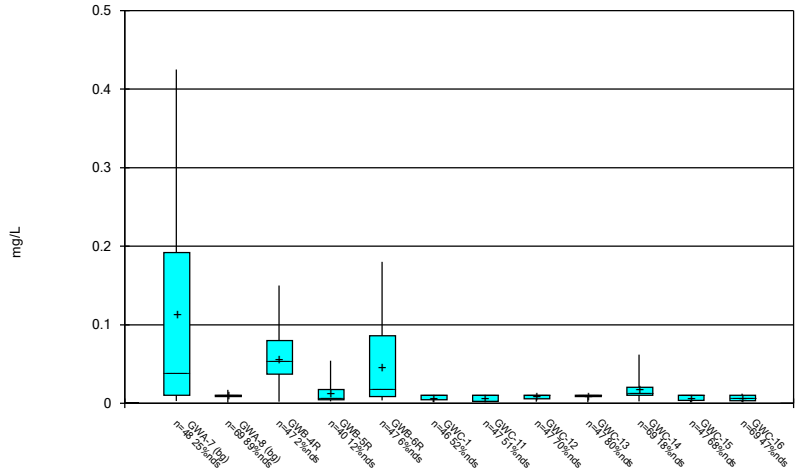
Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 11/21/2021 9:38 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

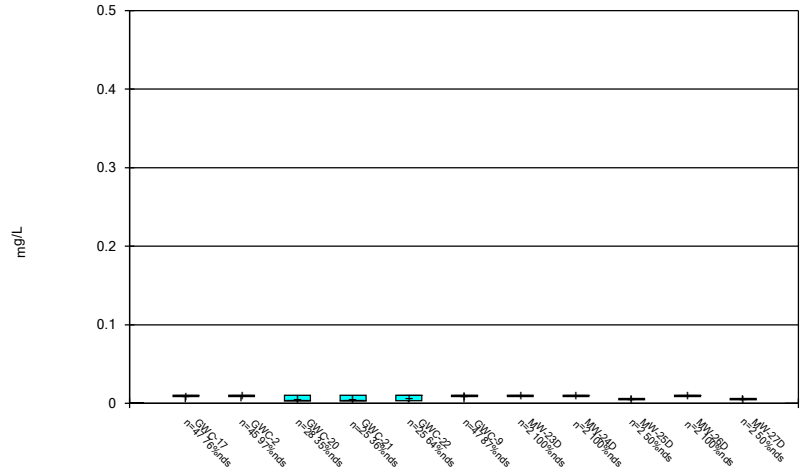
Box & Whiskers Plot



Constituent: Vanadium Analysis Run 11/21/2021 9:38 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

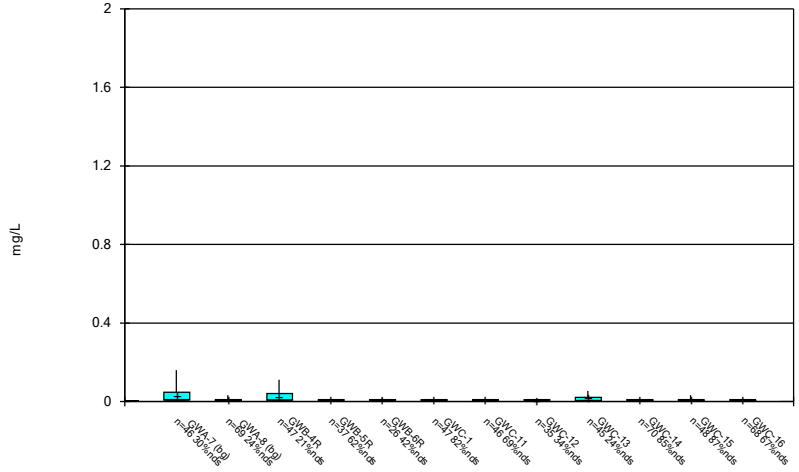
Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Vanadium Analysis Run 11/21/2021 9:38 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

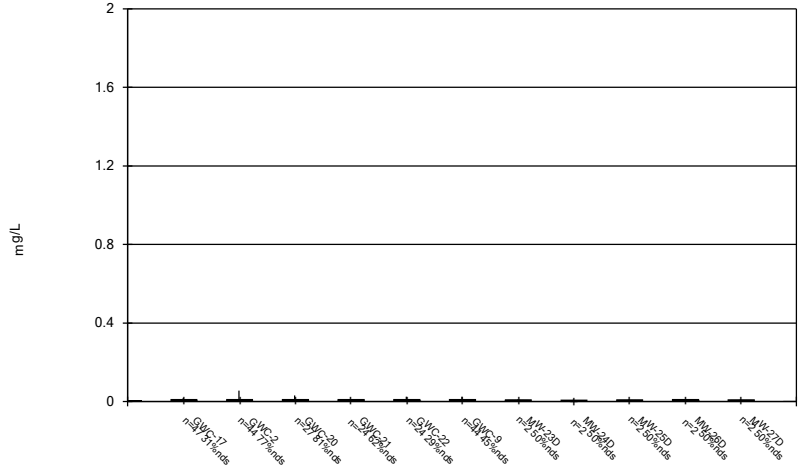
Box & Whiskers Plot



Constituent: Zinc Analysis Run 11/21/2021 9:39 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Zinc Analysis Run 11/21/2021 9:39 AM View: Descriptive
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

FIGURE C.

Outlier Summary

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 9:45 AM

	GWB-4R Arsenic (mg/L)	GWB-5R Arsenic (mg/L)	GWC-1 Arsenic (mg/L)	GWC-16 Arsenic (mg/L)	GWC-21 Arsenic (mg/L)	GWA-7 Barium (mg/L)	GWB-5R Barium (mg/L)	GWC-12 Barium (mg/L)	GWC-14 Barium (mg/L)	GWC-15 Barium (mg/L)
9/29/2000										
11/21/2000										
1/20/2001										
3/14/2001										
7/16/2001									0.28 (O)	
11/1/2001							0.61 (O)			
4/25/2002								0.24 (O)		
11/20/2002										
6/6/2003		0.07 (O)	0.03 (O)	1.2 (O)			0.72 (O)	0.28 (O)		0.083 (O)
12/12/2003				0.27 (O)				0.27 (O)		0.094 (O)
5/26/2004								0.31 (O)		
12/7/2004								0.46 (O)		
6/21/2005										
12/12/2005										
6/27/2006										
12/4/2006										
6/23/2007										
12/11/2007										
6/24/2008										
12/5/2008										
7/7/2009										
12/21/2009										
6/20/2010										
6/21/2010	0.018 (O)				0.013 (O)					
7/8/2011										
7/9/2012										
1/18/2013										
4/3/2014										
1/17/2016			0.024 (O)							
8/31/2016										
9/1/2016						0.415 (O)				
10/26/2016										
10/3/2017										
7/10/2018										
7/11/2018										
1/16/2019										
1/17/2019										
1/18/2019										
1/21/2019										
3/25/2019										

Outlier Summary

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 9:45 AM

	GWC-6 Barium (mg/L)	GWC-2 Barium (mg/L)	GWC-15 Boron (mg/L)	GWC-9 Boron (mg/L)	GWA-7 Chromium (mg/L)	GWB-5R Chromium (mg/L)	GWB-6R Chromium (mg/L)	GWC-16 Chromium (mg/L)	GWC-17 Chromium (mg/L)	GWA-7 Cobalt (mg/L)
9/29/2000										
11/21/2000										
1/20/2001										
3/14/2001						0.052 (O)				
7/16/2001						0.08 (O)				
11/1/2001						0.13 (O)				
4/25/2002										
11/20/2002						0.053 (O)				
6/6/2003	0.48 (O)					0.064 (O)		0.063 (O)		
12/12/2003	0.13 (O)								0.036 (O)	
5/26/2004										
12/7/2004										
6/21/2005										
12/12/2005										
6/27/2006										
12/4/2006										
6/23/2007										
12/11/2007										
6/24/2008							0.032 (O)			
12/5/2008										
7/7/2009										
12/21/2009										
6/20/2010										
6/21/2010										
7/8/2011										
7/9/2012										
1/18/2013										
4/3/2014										
1/17/2016										
8/31/2016				0.096 (JO)						
9/1/2016			9.01 (O)		0.119 (O)					
10/26/2016		0.113 (O)								
10/3/2017	0.135 (O)									
7/10/2018	0.16 (O)									
7/11/2018										<0.025 (O)
1/16/2019										
1/17/2019										
1/18/2019										
1/21/2019										
3/25/2019										

Outlier Summary

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 9:45 AM

	GWA-7 Lead (mg/L)	GWA-8 Lead (mg/L)	GWB-4R Lead (mg/L)	GWB-5R Lead (mg/L)	GWC-14 Lead (mg/L)	GWC-16 Lead (mg/L)	GWC-9 Lead (mg/L)	GWC-9 Lithium (mg/L)	GWA-8 pH (SU)	GWC-13 pH (SU)
9/29/2000				0.017 (O)						
11/21/2000										
1/20/2001										
3/14/2001				0.026 (O)						
7/16/2001				0.043 (O)						
11/1/2001				0.075 (O)						
4/25/2002										
11/20/2002			0.018 (O)	0.057 (O)	0.011 (O)		0.0086 (O)			
6/6/2003	0.037 (O)	0.016 (O)	0.015 (O)	0.16 (O)		0.099 (O)				
12/12/2003						0.017 (O)				
5/26/2004										
12/7/2004				0.038 (O)						
6/21/2005				0.036 (O)						
12/12/2005										
6/27/2006			0.024 (O)							
12/4/2006			0.023 (O)							
6/23/2007										
12/11/2007										
6/24/2008			0.02 (O)							
12/5/2008										
7/7/2009										
12/21/2009										
6/20/2010										
6/21/2010										
7/8/2011										
7/9/2012										
1/18/2013										
4/3/2014										
1/17/2016										
8/31/2016								<0.05 (O)		
9/1/2016	0.0663 (O)		0.0166 (O)							
10/26/2016										
10/3/2017										
7/10/2018										
7/11/2018										
1/16/2019	<0.005 (O)								6.16 (O)	6.45 (O)
1/17/2019										
1/18/2019										
1/21/2019										
3/25/2019										

Outlier Summary

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 9:45 AM

	GWC-5 pH (SU)	GWC-20 pH (SU)	GWC-22 pH (SU)	GWC-9 pH (SU)	GWB-4R Selenium (mg/L)	GWC-1 Selenium (mg/L)	GWC-14 Selenium (mg/L)	GWC-15 Selenium (mg/L)	GWC-16 Selenium (mg/L)	GWB-5R Total Dissolved Solids (mg/L)
9/29/2000										
11/21/2000										
1/20/2001					0.014 (O)					
3/14/2001										
7/16/2001					0.015 (O)					
11/1/2001					0.012 (O)					
4/25/2002							0.1 (O)			
11/20/2002					0.026 (O)	0.19 (O)				
6/6/2003					0.022 (O)	0.32 (O)		0.021 (O)	0.021 (O)	
12/12/2003					0.028 (O)			0.016 (O)		
5/26/2004					0.012 (O)					
12/7/2004										
6/21/2005										
12/12/2005					0.013 (O)					
6/27/2006										
12/4/2006										
6/23/2007										
12/11/2007										
6/24/2008										
12/5/2008										
7/7/2009										
12/21/2009										
6/20/2010										
6/21/2010										
7/8/2011										
7/9/2012								0.066 (O)		
1/18/2013								0.04 (O)		
4/3/2014										
1/17/2016										
8/31/2016										
9/1/2016										
10/26/2016										
10/3/2017										
7/10/2018										1730 (O)
7/11/2018										
1/16/2019										
1/17/2019	8.44 (O)									
1/18/2019			6.98 (O)	6.87 (O)						
1/21/2019		7.73 (O)								
3/25/2019										

Outlier Summary

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 9:45 AM

	GWB-5R Vanadium (mg/L)	GWC-1 Vanadium (mg/L)	GWC-14 Vanadium (mg/L)	GWC-15 Vanadium (mg/L)	GWC-16 Vanadium (mg/L)	GWA-7 Zinc (mg/L)	GWB-5R Zinc (mg/L)	GWB-6R Zinc (mg/L)	GWC-11 Zinc (mg/L)	GWC-12 Zinc (mg/L)
9/29/2000							0.026 (O)	<0.01 (O)		0.38 (O)
11/21/2000								0.024 (O)		0.077 (O)
1/20/2001							0.031 (O)	<0.01 (O)		0.23 (O)
3/14/2001	0.077 (O)						0.063 (O)	<0.01 (O)		0.24 (O)
7/16/2001	0.12 (O)						0.08 (O)	<0.01 (O)		0.053 (O)
11/1/2001	0.21 (O)						0.16 (O)	<0.01 (O)		0.022 (O)
4/25/2002	0.086 (O)							<0.01 (O)		1.2 (O)
11/20/2002	0.14 (O)						0.14 (O)	0.028 (O)		0.045 (O)
6/6/2003	0.12 (O)	0.16 (O)		0.019 (O)	0.082 (O)	0.69 (O)	0.51 (O)	0.032 (O)		0.042 (O)
12/12/2003				0.018 (O)				<0.01 (O)		
5/26/2004	0.06 (O)						0.036 (O)	<0.01 (O)		
12/7/2004							0.069 (O)	0.012 (O)	0.028 (O)	
6/21/2005							0.076 (O)	<0.01 (O)		
12/12/2005								<0.01 (O)		
6/27/2006										0.012 (O)
12/4/2006										
6/23/2007								0.094 (O)		0.025 (O)
12/11/2007								0.042 (O)		
6/24/2008								0.098 (O)		
12/5/2008								0.047 (O)		
7/7/2009								0.024 (O)		
12/21/2009								0.049 (O)		0.013 (O)
6/20/2010								0.045 (O)		
6/21/2010										
7/8/2011										
7/9/2012										
1/18/2013										
4/3/2014			0.077 (O)							
1/17/2016										
8/31/2016										
9/1/2016										
10/26/2016										
10/3/2017										
7/10/2018										
7/11/2018										
1/16/2019										
1/17/2019										
1/18/2019										
1/21/2019										
3/25/2019						<0.05 (O)				

Outlier Summary

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 9:45 AM

	GWC-3 Zinc (mg/L)	GWC-15 Zinc (mg/L)	GWC-16 Zinc (mg/L)	GWC-2 Zinc (mg/L)	GWC-20 Zinc (mg/L)	GWC-21 Zinc (mg/L)	GWC-22 Zinc (mg/L)	GWC-9 Zinc (mg/L)
9/29/2000								
11/21/2000				0.021 (O)				
1/20/2001								
3/14/2001								
7/16/2001								
11/1/2001	0.044 (O)							
4/25/2002								
11/20/2002								0.033 (O)
6/6/2003			0.035 (O)					
12/12/2003								
5/26/2004								
12/7/2004								
6/21/2005								
12/12/2005		0.064 (O)						0.032 (O)
6/27/2006			0.077 (O)					0.018 (O)
12/4/2006	0.046 (O)							
6/23/2007								
12/11/2007								
6/24/2008								
12/5/2008								
7/7/2009								
12/21/2009								
6/20/2010								
6/21/2010						0.04 (O)		
7/8/2011					0.086 (JO)		0.1 (O)	
7/9/2012								
1/18/2013								
4/3/2014								
1/17/2016								
8/31/2016								
9/1/2016								
10/26/2016								
10/3/2017								
7/10/2018								
7/11/2018								
1/16/2019								
1/17/2019								
1/18/2019								
1/21/2019								
3/25/2019								

FIGURE D.

Appendix I Interwell Prediction Limit - Significant Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 10:17 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic (mg/L)	**GWC-15**	**0.0287**	**n/a**	**9/23/2021**	**0.21**	**Yes**	**123**	**n/a**	**n/a**	**77.24**	**n/a**	**n/a**	**0.0001289**	**NP Inter (NDs) 1 of 2**
Arsenic (mg/L)	**GWC-16**	**0.0287**	**n/a**	**9/22/2021**	**0.081**	**Yes**	**123**	**n/a**	**n/a**	**77.24**	**n/a**	**n/a**	**0.0001289**	**NP Inter (NDs) 1 of 2**
Arsenic (mg/L)	**GWC-20**	**0.0287**	**n/a**	**9/22/2021**	**0.23**	**Yes**	**123**	**n/a**	**n/a**	**77.24**	**n/a**	**n/a**	**0.0001289**	**NP Inter (NDs) 1 of 2**
Barium (mg/L)	**GWC-16**	**0.22**	**n/a**	**9/22/2021**	**0.26**	**Yes**	**121**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001324**	**NP Inter (normality) 1 of 2**
Barium (mg/L)	**GWC-20**	**0.22**	**n/a**	**9/22/2021**	**0.42**	**Yes**	**121**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001324**	**NP Inter (normality) 1 of 2**

Appendix I Interwell Prediction Limit - All Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 10:17 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWB-4R	0.003	n/a	9/21/2021	0.003ND	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWB-5R	0.003	n/a	9/21/2021	0.0013J	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWB-6R	0.003	n/a	9/21/2021	0.003ND	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWC-1	0.003	n/a	9/23/2021	0.0016J	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWC-11	0.003	n/a	9/21/2021	0.003ND	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWC-12	0.003	n/a	9/21/2021	0.003ND	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWC-13	0.003	n/a	9/21/2021	0.003ND	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWC-14	0.003	n/a	9/22/2021	0.003ND	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWC-15	0.003	n/a	9/23/2021	0.003ND	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWC-16	0.003	n/a	9/22/2021	0.003ND	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWC-17	0.003	n/a	9/22/2021	0.0014J	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWC-2	0.003	n/a	9/22/2021	0.003ND	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWC-20	0.003	n/a	9/22/2021	0.003ND	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWC-21	0.003	n/a	9/22/2021	0.003ND	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWC-22	0.003	n/a	9/21/2021	0.003ND	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Antimony (mg/L)	GWC-9	0.003	n/a	9/22/2021	0.003ND	No	123	n/a	n/a	95.12	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWB-4R	0.0287	n/a	9/21/2021	0.0027J	No	123	n/a	n/a	77.24	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWB-5R	0.0287	n/a	9/21/2021	0.005ND	No	123	n/a	n/a	77.24	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWB-6R	0.0287	n/a	9/21/2021	0.0054	No	123	n/a	n/a	77.24	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-1	0.0287	n/a	9/23/2021	0.0048J	No	123	n/a	n/a	77.24	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-12	0.0287	n/a	9/21/2021	0.005ND	No	123	n/a	n/a	77.24	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-13	0.0287	n/a	9/21/2021	0.005ND	No	123	n/a	n/a	77.24	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-14	0.0287	n/a	9/22/2021	0.0014J	No	123	n/a	n/a	77.24	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	**GWC-15**	**0.0287**	**n/a**	**9/23/2021**	**0.21**	**Yes**	**123**	**n/a**	**n/a**	**77.24**	**n/a**	**n/a**	**0.0001289**	**NP Inter (NDs) 1 of 2**
Arsenic (mg/L)	**GWC-16**	**0.0287**	**n/a**	**9/22/2021**	**0.081**	**Yes**	**123**	**n/a**	**n/a**	**77.24**	**n/a**	**n/a**	**0.0001289**	**NP Inter (NDs) 1 of 2**
Arsenic (mg/L)	GWC-17	0.0287	n/a	9/22/2021	0.005ND	No	123	n/a	n/a	77.24	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-2	0.0287	n/a	9/22/2021	0.005ND	No	123	n/a	n/a	77.24	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	**GWC-20**	**0.0287**	**n/a**	**9/22/2021**	**0.23**	**Yes**	**123**	**n/a**	**n/a**	**77.24**	**n/a**	**n/a**	**0.0001289**	**NP Inter (NDs) 1 of 2**
Arsenic (mg/L)	GWC-21	0.0287	n/a	9/22/2021	0.005ND	No	123	n/a	n/a	77.24	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-22	0.0287	n/a	9/21/2021	0.005ND	No	123	n/a	n/a	77.24	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Arsenic (mg/L)	GWC-9	0.0287	n/a	9/22/2021	0.005ND	No	123	n/a	n/a	77.24	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Barium (mg/L)	GWB-4R	0.22	n/a	9/21/2021	0.098	No	121	n/a	n/a	0	n/a	n/a	0.0001324	NP Inter (normality) 1 of 2
Barium (mg/L)	GWB-5R	0.22	n/a	9/21/2021	0.076	No	121	n/a	n/a	0	n/a	n/a	0.0001324	NP Inter (normality) 1 of 2
Barium (mg/L)	GWB-6R	0.22	n/a	9/21/2021	0.077	No	121	n/a	n/a	0	n/a	n/a	0.0001324	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-1	0.22	n/a	9/23/2021	0.062	No	121	n/a	n/a	0	n/a	n/a	0.0001324	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-11	0.22	n/a	9/21/2021	0.12	No	121	n/a	n/a	0	n/a	n/a	0.0001324	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-12	0.22	n/a	9/21/2021	0.023	No	121	n/a	n/a	0	n/a	n/a	0.0001324	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-13	0.22	n/a	9/21/2021	0.037	No	121	n/a	n/a	0	n/a	n/a	0.0001324	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-14	0.22	n/a	9/22/2021	0.11	No	121	n/a	n/a	0	n/a	n/a	0.0001324	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-15	0.22	n/a	9/23/2021	0.062	No	121	n/a	n/a	0	n/a	n/a	0.0001324	NP Inter (normality) 1 of 2
Barium (mg/L)	**GWC-16**	**0.22**	**n/a**	**9/22/2021**	**0.26**	**Yes**	**121**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001324**	**NP Inter (normality) 1 of 2**
Barium (mg/L)	GWC-17	0.22	n/a	9/22/2021	0.058	No	121	n/a	n/a	0	n/a	n/a	0.0001324	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-2	0.22	n/a	9/22/2021	0.047	No	121	n/a	n/a	0	n/a	n/a	0.0001324	NP Inter (normality) 1 of 2
Barium (mg/L)	**GWC-20**	**0.22**	**n/a**	**9/22/2021**	**0.42**	**Yes**	**121**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001324**	**NP Inter (normality) 1 of 2**
Barium (mg/L)	GWC-21	0.22	n/a	9/22/2021	0.046	No	121	n/a	n/a	0	n/a	n/a	0.0001324	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-22	0.22	n/a	9/21/2021	0.036	No	121	n/a	n/a	0	n/a	n/a	0.0001324	NP Inter (normality) 1 of 2
Barium (mg/L)	GWC-9	0.22	n/a	9/22/2021	0.15	No	121	n/a	n/a	0	n/a	n/a	0.0001324	NP Inter (normality) 1 of 2
Chromium (mg/L)	GWB-4R	0.068	n/a	9/21/2021	0.0018J	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWB-5R	0.068	n/a	9/21/2021	0.005ND	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWB-6R	0.068	n/a	9/21/2021	0.0035J	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2

Appendix I Interwell Prediction Limit - All Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 10:17 AM

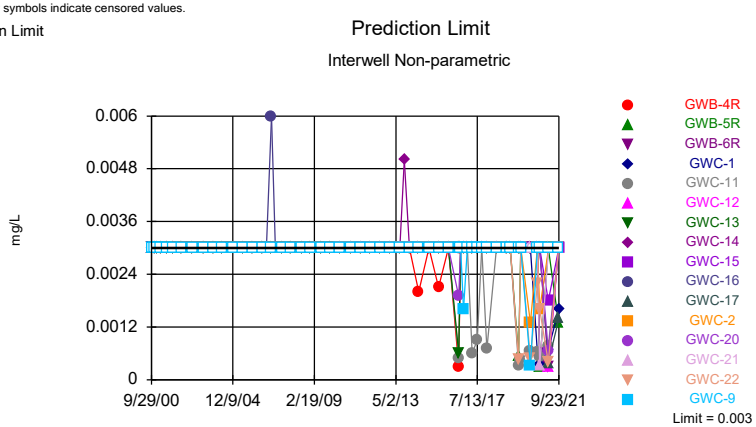
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chromium (mg/L)	GWC-1	0.068	n/a	9/23/2021	0.0023J	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-11	0.068	n/a	9/21/2021	0.005ND	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-12	0.068	n/a	9/21/2021	0.005ND	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-13	0.068	n/a	9/21/2021	0.005ND	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-14	0.068	n/a	9/22/2021	0.005ND	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-15	0.068	n/a	9/23/2021	0.0013J	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-16	0.068	n/a	9/22/2021	0.0018J	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-17	0.068	n/a	9/22/2021	0.005ND	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-2	0.068	n/a	9/22/2021	0.005ND	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-20	0.068	n/a	9/22/2021	0.0013J	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-21	0.068	n/a	9/22/2021	0.005ND	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-22	0.068	n/a	9/21/2021	0.005ND	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Chromium (mg/L)	GWC-9	0.068	n/a	9/22/2021	0.005ND	No	122	n/a	n/a	62.3	n/a	n/a	0.0001306	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWB-4R	0.013	n/a	9/21/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWB-5R	0.013	n/a	9/21/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWB-6R	0.013	n/a	9/21/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-1	0.013	n/a	9/23/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-11	0.013	n/a	9/21/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-12	0.013	n/a	9/21/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-13	0.013	n/a	9/21/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-14	0.013	n/a	9/22/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-15	0.013	n/a	9/23/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-16	0.013	n/a	9/22/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-17	0.013	n/a	9/22/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-2	0.013	n/a	9/22/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-20	0.013	n/a	9/22/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-21	0.013	n/a	9/22/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-22	0.013	n/a	9/21/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Lead (mg/L)	GWC-9	0.013	n/a	9/22/2021	0.001ND	No	119	n/a	n/a	75.63	n/a	n/a	0.000137	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWB-4R	0.0438	n/a	9/21/2021	0.005ND	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWB-5R	0.0438	n/a	9/21/2021	0.005ND	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWB-6R	0.0438	n/a	9/21/2021	0.0016J	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWC-1	0.0438	n/a	9/23/2021	0.0018J	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWC-11	0.0438	n/a	9/21/2021	0.0038J	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWC-12	0.0438	n/a	9/21/2021	0.005ND	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWC-14	0.0438	n/a	9/22/2021	0.0034J	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWC-15	0.0438	n/a	9/23/2021	0.0016J	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWC-16	0.0438	n/a	9/22/2021	0.0031J	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWC-17	0.0438	n/a	9/22/2021	0.005ND	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWC-2	0.0438	n/a	9/22/2021	0.005ND	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWC-20	0.0438	n/a	9/22/2021	0.0024J	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWC-21	0.0438	n/a	9/22/2021	0.0027J	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWC-22	0.0438	n/a	9/21/2021	0.005ND	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Selenium (mg/L)	GWC-9	0.0438	n/a	9/22/2021	0.005ND	No	123	n/a	n/a	83.74	n/a	n/a	0.0001289	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWB-4R	0.425	n/a	9/21/2021	0.0027J	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWB-5R	0.425	n/a	9/21/2021	0.0039J	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWB-6R	0.425	n/a	9/21/2021	0.015	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-1	0.425	n/a	9/23/2021	0.0042J	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-11	0.425	n/a	9/21/2021	0.002J	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-12	0.425	n/a	9/21/2021	0.0051J	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2

Appendix I Interwell Prediction Limit - All Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 10:17 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Vanadium (mg/L)	GWC-13	0.425	n/a	9/21/2021	0.01ND	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-14	0.425	n/a	9/22/2021	0.0052J	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-15	0.425	n/a	9/23/2021	0.0022J	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-16	0.425	n/a	9/22/2021	0.0025J	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-17	0.425	n/a	9/22/2021	0.01ND	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-2	0.425	n/a	9/22/2021	0.01ND	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-20	0.425	n/a	9/22/2021	0.0033J	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-21	0.425	n/a	9/22/2021	0.01ND	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-22	0.425	n/a	9/21/2021	0.01ND	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Vanadium (mg/L)	GWC-9	0.425	n/a	9/22/2021	0.01ND	No	117	n/a	n/a	63.25	n/a	n/a	0.0001427	NP Inter (NDs) 1 of 2
Zinc (mg/L)	GWB-4R	0.16	n/a	9/21/2021	0.01ND	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWB-5R	0.16	n/a	9/21/2021	0.01ND	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWB-6R	0.16	n/a	9/21/2021	0.01ND	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-1	0.16	n/a	9/23/2021	0.01ND	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-11	0.16	n/a	9/21/2021	0.01ND	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-12	0.16	n/a	9/21/2021	0.01ND	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-13	0.16	n/a	9/21/2021	0.036	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-14	0.16	n/a	9/22/2021	0.01	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-15	0.16	n/a	9/23/2021	0.01ND	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-16	0.16	n/a	9/22/2021	0.01ND	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-17	0.16	n/a	9/22/2021	0.01ND	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-2	0.16	n/a	9/22/2021	0.01ND	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-20	0.16	n/a	9/22/2021	0.01ND	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-21	0.16	n/a	9/22/2021	0.01ND	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-22	0.16	n/a	9/21/2021	0.01ND	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2
Zinc (mg/L)	GWC-9	0.16	n/a	9/22/2021	0.01ND	No	115	n/a	n/a	26.96	n/a	n/a	0.0001484	NP Inter (normality) 1 of 2

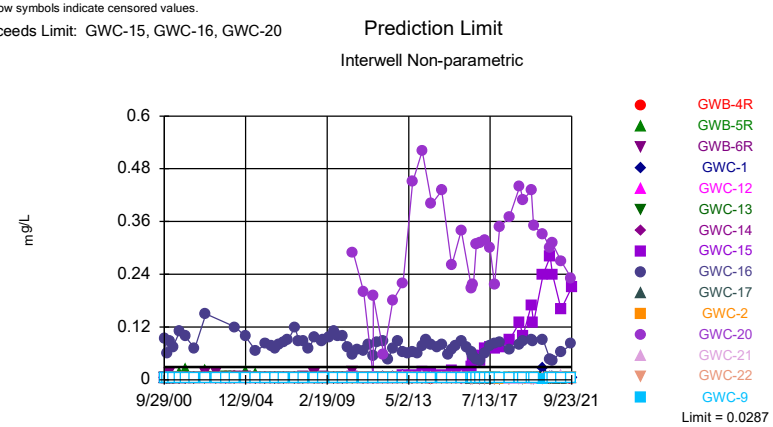
Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 123 background values. 95.12% NDs. Annual per-constituent alpha = 0.004116. Individual comparison alpha = 0.0001289 (1 of 2). Comparing 16 points to limit.

Constituent: Antimony Analysis Run 11/21/2021 10:04 AM View: App I PLs
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

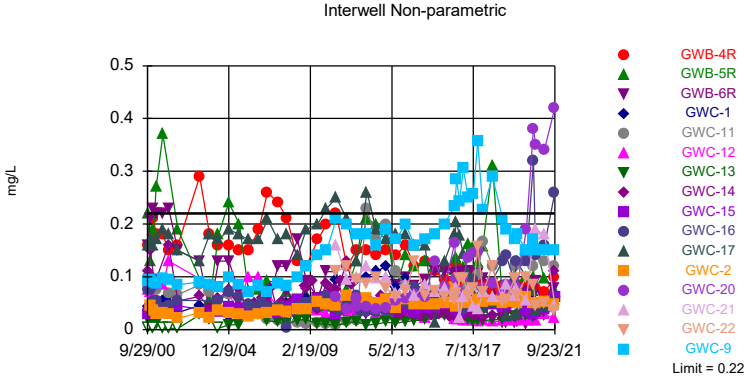
Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Exceeds Limit: GWC-15, GWC-16, GWC-20



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 123 background values. 77.24% NDs. Annual per-constituent alpha = 0.004116. Individual comparison alpha = 0.0001289 (1 of 2). Comparing 15 points to limit. Assumes 1 future value.

Constituent: Arsenic Analysis Run 11/21/2021 10:04 AM View: App I PLs
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

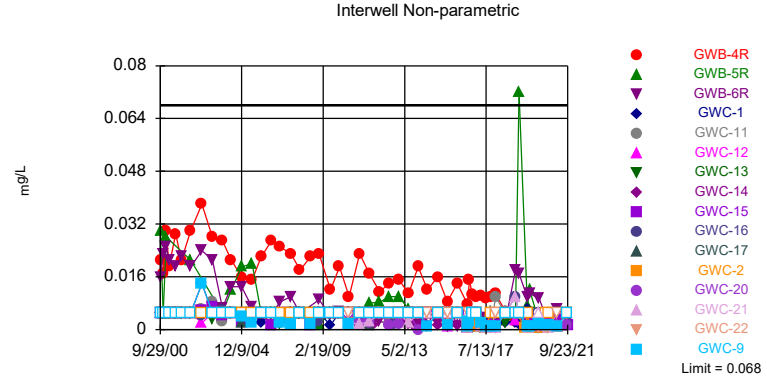
Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Exceeds Limit: GWC-16, GWC-20



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 121 background values. Annual per-constituent alpha = 0.004228. Individual comparison alpha = 0.0001324 (1 of 2). Comparing 16 points to limit.

Constituent: Barium Analysis Run 11/21/2021 10:04 AM View: App I PLs
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit



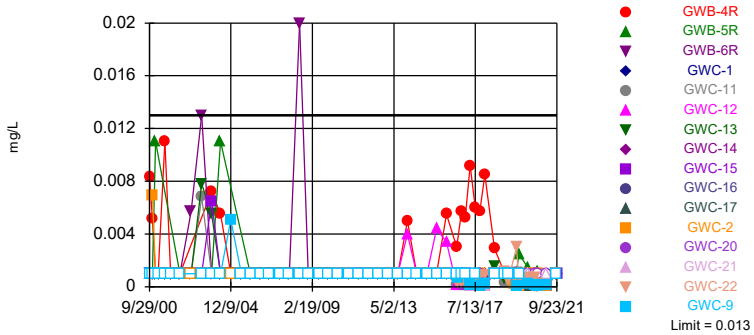
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 122 background values. 62.3% NDs. Annual per-constituent alpha = 0.004172. Individual comparison alpha = 0.0001306 (1 of 2). Comparing 16 points to limit.

Constituent: Chromium Analysis Run 11/21/2021 10:04 AM View: App I PLs
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Interwell Non-parametric



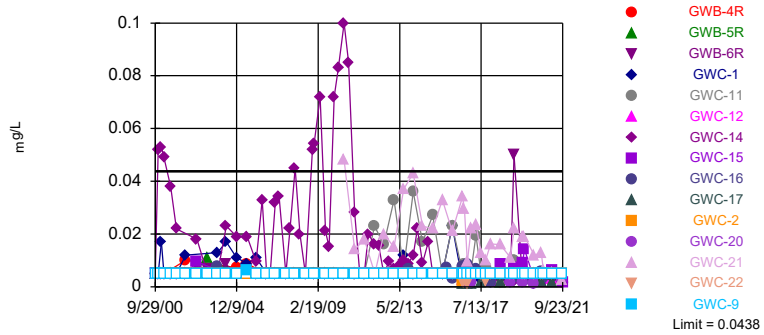
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 119 background values. 75.63% NDs. Annual per-constituent alpha = 0.004375. Individual comparison alpha = 0.000137 (1 of 2). Comparing 16 points to limit.

Constituent: Lead Analysis Run 11/21/2021 10:04 AM View: App I PLs
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Interwell Non-parametric



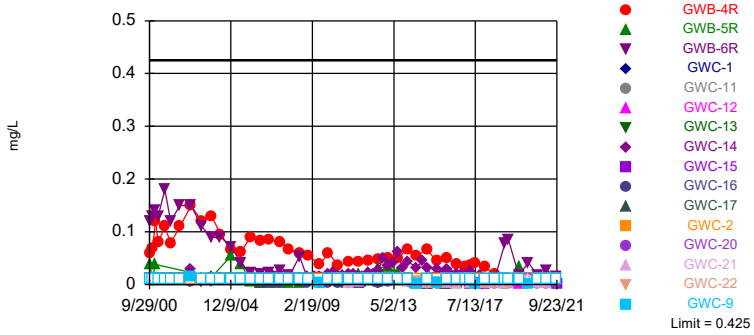
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 123 background values. 83.74% NDs. Annual per-constituent alpha = 0.004116. Individual comparison alpha = 0.0001289 (1 of 2). Comparing 15 points to limit. Assumes 1 future value.

Constituent: Selenium Analysis Run 11/21/2021 10:04 AM View: App I PLs
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Interwell Non-parametric



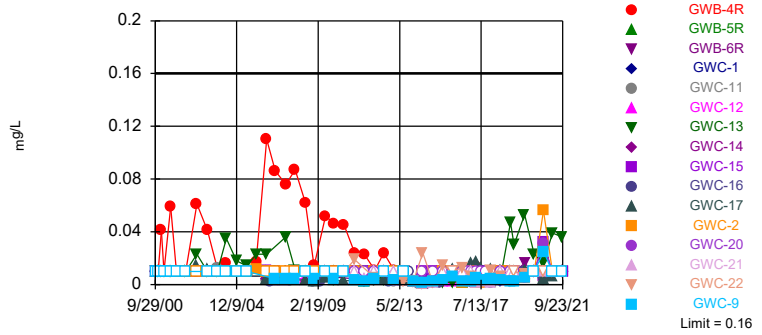
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 117 background values. 63.25% NDs. Annual per-constituent alpha = 0.004557. Individual comparison alpha = 0.0001427 (1 of 2). Comparing 16 points to limit.

Constituent: Vanadium Analysis Run 11/21/2021 10:04 AM View: App I PLs
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 115 background values. 26.96% NDs. Annual per-constituent alpha = 0.004739. Individual comparison alpha = 0.0001484 (1 of 2). Comparing 16 points to limit.

Constituent: Zinc Analysis Run 11/21/2021 10:04 AM View: App I PLs
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWC-13	GWC-15	GWB-5R	GWA-8 (bg)	GWC-14	GWC-17	GWC-1	GWC-12
9/29/2000	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
11/21/2000	<0.003	<0.003	<0.003	<0.003		<0.003	<0.003	<0.003	<0.003
1/20/2001	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
3/14/2001	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
7/16/2001	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
11/1/2001	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
4/25/2002	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
11/20/2002		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
6/6/2003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
12/12/2003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
5/26/2004	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
12/7/2004	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
6/21/2005	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
12/12/2005	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
4/4/2006					<0.003	<0.003			
6/27/2006	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
8/30/2006					<0.003	<0.003			
12/4/2006	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
2/15/2007					<0.003	<0.003			
6/23/2007	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
9/11/2007					<0.003	<0.003			
12/11/2007	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
3/11/2008					<0.003	<0.003			
6/23/2008	<0.003	<0.003			<0.003				<0.003
6/24/2008			<0.003	<0.003		<0.003	<0.003	<0.003	
11/3/2008					<0.003	<0.003			
12/4/2008	<0.003	<0.003			<0.003	<0.003			<0.003
12/5/2008			<0.003	<0.003			<0.003	<0.003	
3/25/2009					<0.003	<0.003			
7/7/2009	<0.003			<0.003	<0.003			<0.003	
7/8/2009		<0.003	<0.003			<0.003	<0.003		<0.003
9/14/2009					<0.003	<0.003			
12/20/2009	<0.003		<0.003		<0.003	<0.003		<0.003	
12/21/2009		<0.003		<0.003			<0.003		<0.003
3/4/2010					<0.003	<0.003			
6/20/2010	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003		<0.003	<0.003
6/21/2010							<0.003		
9/14/2010					<0.003	<0.003			
1/6/2011		<0.003		<0.003				<0.003	
1/7/2011	<0.003		<0.003		<0.003	<0.003	<0.003		<0.003
4/15/2011					<0.003	<0.003			
7/7/2011	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003		<0.003	<0.003
7/8/2011							<0.003		
9/25/2011					<0.003	<0.003			
1/17/2012	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003		<0.003	<0.003
1/18/2012							<0.003		
4/4/2012					<0.003	<0.003			
7/9/2012	<0.003	<0.003	<0.003	<0.003		<0.003		<0.003	<0.003
7/10/2012					<0.003		<0.003		
10/9/2012					<0.003	<0.003			
1/17/2013		<0.003		<0.003				<0.003	<0.003
1/18/2013	<0.003		<0.003		<0.003	<0.003	<0.003		

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWC-13	GWC-15	GWB-5R	GWA-8 (bg)	GWC-14	GWC-17	GWC-1	GWC-12
4/5/2013					<0.003	<0.003			
7/16/2013		<0.003		<0.003				<0.003	<0.003
7/17/2013	<0.003		<0.003		<0.003	<0.003	<0.003		
10/11/2013					<0.003	0.005			
1/13/2014	<0.003	<0.003	<0.003	<0.003				<0.003	<0.003
1/14/2014					<0.003	<0.003	<0.003		
4/3/2014					<0.003	<0.003			
7/8/2014		<0.003							<0.003
7/9/2014	0.0022 (J)		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	
7/10/2014									
10/24/2014					<0.003	<0.003			
1/12/2015									
1/13/2015	<0.003	<0.003	<0.003	<0.003				<0.003	<0.003
1/14/2015					<0.003	<0.003	<0.003		
5/10/2015					<0.003	<0.003			
5/11/2015									
7/16/2015	0.0028 (J)	<0.003	<0.003	<0.003				<0.003	<0.003
7/17/2015					<0.003	<0.003			
7/18/2015							<0.003		
10/6/2015					<0.003	<0.003			
1/17/2016			<0.003			<0.003		<0.003	
1/18/2016	<0.003	<0.003		<0.003	<0.003		<0.003		<0.003
1/19/2016									
4/26/2016					<0.003	<0.003			
7/26/2016		0.0006 (J)							
7/27/2016	<0.003		<0.003	<0.003		<0.003		<0.003	<0.003
7/28/2016					<0.003				
7/29/2016							<0.003		
8/30/2016				<0.003	<0.003			<0.003	
8/31/2016		<0.003							<0.003
9/1/2016	0.0017 (J)		<0.003			<0.003	<0.003		
10/24/2016					<0.003				
10/25/2016	<0.003		<0.003			<0.003		<0.003	
10/26/2016		<0.003		<0.003			<0.003		<0.003
10/27/2016									
1/3/2017				<0.003	<0.003				
1/4/2017								<0.003	<0.003
1/5/2017		<0.003	<0.003			<0.003	<0.003		
1/6/2017	0.0009 (J)								
4/3/2017			<0.003		<0.003				
4/4/2017						<0.003		<0.003	
4/5/2017							<0.003		<0.003
4/6/2017	<0.003	<0.003		<0.003					
7/10/2017									<0.003
7/11/2017			<0.003		<0.003	<0.003			
7/12/2017		<0.003		<0.003				<0.003	
7/13/2017	0.0013 (J)						<0.003		
10/2/2017			<0.003		<0.003	<0.003			
10/3/2017				<0.003				<0.003	
10/4/2017	0.0008 (J)	<0.003					<0.003		<0.003
1/9/2018	<0.003		<0.003		<0.003	<0.003			
1/10/2018		<0.003		<0.003				<0.003	

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWC-13	GWC-15	GWB-5R	GWA-8 (bg)	GWC-14	GWC-17	GWC-1	GWC-12
1/11/2018							<0.003		<0.003
7/9/2018					<0.003	<0.003			
7/10/2018			<0.003	<0.003				<0.003	
7/11/2018	<0.003	<0.003					<0.003		<0.003
1/16/2019	<0.003	<0.003		<0.003	<0.003	<0.003	<0.003	<0.003	
1/17/2019			<0.003						<0.003
1/18/2019									
1/21/2019									
3/25/2019	<0.003				<0.003				
3/26/2019		<0.003	<0.003	<0.003		<0.003	<0.003	<0.003	
3/27/2019									<0.003
7/30/2019									
8/26/2019	<0.003				<0.003				
8/27/2019		<0.003	<0.003			<0.003		<0.003	<0.003
8/28/2019				0.00054 (J)			<0.003		
10/7/2019					<0.003				
10/8/2019	<0.003	<0.003	<0.003			<0.003			
10/9/2019				<0.003			<0.003	<0.003	<0.003
4/6/2020	<0.003				<0.003				
4/7/2020			<0.003	<0.003		<0.003		<0.003	<0.003
4/8/2020		<0.003					<0.003		
8/17/2020		<0.003			<0.003				<0.003
8/18/2020			<0.003			<0.003	<0.003		
8/19/2020	<0.003			<0.003				0.00061 (J)	
9/28/2020	<0.003	<0.003			<0.003			0.00035 (J)	
9/29/2020						<0.003			<0.003
9/30/2020			<0.003	0.0003 (J)			<0.003		
10/1/2020									
3/10/2021				<0.003				0.00069 (J)	0.0003 (J)
3/11/2021	<0.003						0.00039 (J)		
3/12/2021			0.0018 (J)		<0.003				
3/15/2021		<0.003							
3/16/2021						<0.003			
9/21/2021	<0.003	<0.003		0.0013 (J)	<0.003				<0.003
9/22/2021						<0.003	0.0014 (J)		
9/23/2021			<0.003					0.0016 (J)	

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-16	GWC-11	GWC-9	GWB-6R	GWB-4R	GWC-2	GWC-22	GWC-20	GWC-21
9/29/2000	<0.003	<0.003	<0.003	<0.003	<0.003				
11/21/2000	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
1/20/2001	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
3/14/2001	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
7/16/2001	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
11/1/2001	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
4/25/2002	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
11/20/2002	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
6/6/2003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
12/12/2003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
5/26/2004	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
12/7/2004	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
6/21/2005	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
12/12/2005	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
4/4/2006	<0.003								
6/27/2006	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
8/30/2006	<0.003								
12/4/2006	0.006	<0.003	<0.003	<0.003	<0.003	<0.003			
2/15/2007	<0.003								
6/23/2007	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
9/11/2007	<0.003								
12/11/2007	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003			
3/11/2008	<0.003								
6/23/2008		<0.003	<0.003						
6/24/2008	<0.003			<0.003	<0.003	<0.003			
11/3/2008	<0.003								
12/4/2008		<0.003	<0.003			<0.003			
12/5/2008	<0.003			<0.003	<0.003				
3/25/2009	<0.003								
7/7/2009				<0.003	<0.003				
7/8/2009	<0.003	<0.003	<0.003			<0.003			
9/14/2009	<0.003								
12/20/2009	<0.003					<0.003			
12/21/2009		<0.003	<0.003	<0.003	<0.003				
3/4/2010	<0.003								
6/20/2010		<0.003	<0.003	<0.003		<0.003			
6/21/2010	<0.003				<0.003		<0.003	<0.003	<0.003
9/14/2010	<0.003								
1/6/2011		<0.003				<0.003			
1/7/2011	<0.003		<0.003	<0.003	<0.003		<0.003	<0.003	<0.003
4/15/2011	<0.003								
7/7/2011	<0.003	<0.003		<0.003				<0.003	
7/8/2011			<0.003		<0.003		<0.003	<0.003	<0.003
9/25/2011	<0.003								
1/17/2012		<0.003				<0.003			
1/18/2012	<0.003		<0.003	<0.003	<0.003		<0.003	<0.003	<0.003
4/4/2012	<0.003								
7/9/2012		<0.003				<0.003			
7/10/2012	<0.003		<0.003	<0.003	<0.003		<0.003	<0.003	<0.003
10/9/2012	<0.003								
1/17/2013		<0.003				<0.003			
1/18/2013	<0.003		<0.003	<0.003	<0.003		<0.003	<0.003	<0.003

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-16	GWC-11	GWC-9	GWB-6R	GWB-4R	GWC-2	GWC-22	GWC-20	GWC-21
4/5/2013	<0.003								
7/16/2013		<0.003							
7/17/2013	<0.003		<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
10/11/2013	<0.003								
1/13/2014		<0.003				<0.003			
1/14/2014	<0.003		<0.003	<0.003	<0.003		<0.003	<0.003	<0.003
4/3/2014	<0.003								
7/8/2014		<0.003							
7/9/2014	<0.003		<0.003	<0.003	0.002 (J)	<0.003			<0.003
7/10/2014							<0.003	<0.003	
10/24/2014	<0.003								
1/12/2015					<0.003			<0.003	
1/13/2015		<0.003				<0.003			
1/14/2015	<0.003		<0.003	<0.003			<0.003		<0.003
5/10/2015									
5/11/2015	<0.003								
7/16/2015	<0.003	<0.003			0.0021 (J)	<0.003			
7/17/2015			<0.003	<0.003					<0.003
7/18/2015							<0.003	<0.003	
10/6/2015	<0.003								
1/17/2016	<0.003					<0.003		<0.003	<0.003
1/18/2016			<0.003	<0.003	<0.003		<0.003		
1/19/2016		<0.003							
4/26/2016	<0.003								
7/26/2016		0.0005 (J)							
7/27/2016						<0.003			
7/28/2016	<0.003		<0.003	<0.003				0.0019 (J)	<0.003
7/29/2016					0.0003 (J)		<0.003		
8/30/2016				<0.003					
8/31/2016		<0.003	<0.003			<0.003	<0.003		
9/1/2016	<0.003				<0.003			<0.003	<0.003
10/24/2016									
10/25/2016	<0.003							<0.003	<0.003
10/26/2016		<0.003		<0.003	<0.003	<0.003	<0.003		
10/27/2016			0.0016 (J)						
1/3/2017									
1/4/2017	<0.003	<0.003					<0.003	<0.003	<0.003
1/5/2017				<0.003		<0.003			
1/6/2017			<0.003		<0.003				
4/3/2017									
4/4/2017					<0.003	<0.003		<0.003	<0.003
4/5/2017	<0.003								
4/6/2017		0.0006 (J)	<0.003	<0.003			<0.003		
7/10/2017									
7/11/2017		0.0009 (J)					<0.003	<0.003	
7/12/2017	<0.003		<0.003	<0.003	<0.003				
7/13/2017						<0.003			<0.003
10/2/2017								<0.003	
10/3/2017	<0.003	<0.003		<0.003		<0.003			<0.003
10/4/2017			<0.003		<0.003		<0.003		
1/9/2018				<0.003					<0.003
1/10/2018	<0.003					<0.003		<0.003	

Prediction Limit

Constituent: Antimony (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-16	GWC-11	GWC-9	GWB-6R	GWB-4R	GWC-2	GWC-22	GWC-20	GWC-21
1/11/2018		0.0007 (J)	<0.003		<0.003		<0.003		
7/9/2018								<0.003	
7/10/2018	<0.003			<0.003		<0.003			<0.003
7/11/2018		<0.003	<0.003		<0.003		<0.003		
1/16/2019				<0.003	<0.003				
1/17/2019	<0.003	<0.003							<0.003
1/18/2019			<0.003				<0.003		
1/21/2019						<0.003		<0.003	
3/25/2019					<0.003			<0.003	
3/26/2019	<0.003			<0.003					<0.003
3/27/2019		<0.003	<0.003				<0.003		
7/30/2019						<0.003			
8/26/2019									
8/27/2019		0.00033 (J)		<0.003	<0.003	<0.003	0.00045 (J)		
8/28/2019	<0.003		<0.003					<0.003	<0.003
10/7/2019									
10/8/2019	<0.003	0.00046 (J)							<0.003
10/9/2019			<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	
4/6/2020									
4/7/2020	<0.003	0.00066 (J)		<0.003	<0.003		0.00049 (J)		<0.003
4/8/2020			0.00033 (J)			0.0013 (J)		<0.003	
8/17/2020									
8/18/2020	<0.003	0.00064 (J)				<0.003	0.0022 (J)	<0.003	<0.003
8/19/2020			<0.003	<0.003	<0.003				
9/28/2020									
9/29/2020		0.00051 (J)				0.0016 (J)			
9/30/2020	<0.003			0.00059 (J)			0.0016 (J)	<0.003	0.00033 (J)
10/1/2020			<0.003		<0.003				
3/10/2021		0.00076 (J)	<0.003	0.00029 (J)	<0.003		0.0004 (J)		
3/11/2021									
3/12/2021								0.00065 (J)	
3/15/2021						<0.003			
3/16/2021	<0.003								<0.003
9/21/2021		<0.003		<0.003	<0.003		<0.003		
9/22/2021	<0.003		<0.003			<0.003		<0.003	<0.003
9/23/2021									

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWB-5R	GWB-6R	GWA-8 (bg)	GWC-1	GWC-12	GWC-13	GWC-14	GWC-15
9/29/2000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
11/21/2000	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005
1/20/2001	<0.005	<0.005	0.014	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/14/2001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
7/16/2001	<0.005	0.014	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
11/1/2001	<0.005	0.023	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4/25/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
11/20/2002		0.022	0.014	<0.005	<0.005	<0.005	<0.005	0.011	<0.005
6/6/2003	0.02	0.07 (O)	0.014	<0.005	0.03 (O)	<0.005	<0.005	<0.005	<0.005
12/12/2003	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0064	<0.005	<0.005
5/26/2004	<0.005	0.0074	0.0082	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
12/7/2004	<0.005	0.017	0.0062	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
6/21/2005	<0.005	0.013	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
12/12/2005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4/4/2006				<0.005				<0.005	
6/27/2006	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/30/2006				<0.005				<0.005	
12/4/2006	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/15/2007				<0.005				<0.005	
6/23/2007	<0.005	<0.005	0.0053	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/11/2007				<0.005				<0.005	
12/11/2007	<0.005	<0.005	0.0057	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/11/2008				<0.005				<0.005	
6/23/2008	<0.005			<0.005		<0.005	<0.005		
6/24/2008		<0.005	0.012		<0.005			<0.005	<0.005
11/3/2008				<0.005				<0.005	
12/4/2008	<0.005			<0.005		<0.005	<0.005	<0.005	
12/5/2008		<0.005	0.0064		<0.005				<0.005
3/25/2009				<0.005				<0.005	
7/7/2009	<0.005	<0.005	<0.005	<0.005	<0.005				
7/8/2009						<0.005	<0.005	<0.005	0.0052
9/14/2009				<0.005				<0.005	
12/20/2009	<0.005			<0.005	<0.005			<0.005	<0.005
12/21/2009		<0.005	<0.005			<0.005	<0.005		
3/4/2010				<0.005				<0.005	
6/20/2010	<0.005	<0.005	0.017	<0.005	<0.005	<0.005	<0.005	<0.005	0.0068
6/21/2010									
9/14/2010				<0.005				<0.005	
1/6/2011		<0.005			<0.005		<0.005		
1/7/2011	<0.005		<0.005	<0.005		<0.005		<0.005	<0.005
4/15/2011				<0.005				<0.005	
7/7/2011	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
7/8/2011									
9/25/2011				<0.005				<0.005	
1/17/2012	<0.005	<0.005		<0.005	0.0071	<0.005	<0.005	<0.005	<0.005
1/18/2012			<0.005						
4/4/2012				<0.005				<0.005	
7/9/2012	0.0052	<0.005			0.0076	<0.005	<0.005	<0.005	<0.005
7/10/2012			<0.005	<0.005					
10/9/2012				<0.005				<0.005	
1/17/2013		<0.005			0.0086	<0.005	<0.005		
1/18/2013	0.0087		<0.005	<0.005				<0.005	0.0089

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWB-5R	GWB-6R	GWA-8 (bg)	GWC-1	GWC-12	GWC-13	GWC-14	GWC-15
4/5/2013				<0.005				<0.005	
7/16/2013		<0.005			<0.005	<0.005	<0.005		
7/17/2013	0.0084		<0.005	<0.005				<0.005	0.011
10/11/2013				<0.005				0.005	
1/13/2014	0.009	<0.005			<0.005	<0.005	<0.005		0.017
1/14/2014			<0.005	<0.005				<0.005	
4/3/2014				<0.005				<0.005	
7/8/2014						<0.005	<0.005		
7/9/2014	0.008	<0.005	<0.005	<0.005	0.0022 (J)			<0.005	0.014
7/10/2014									
10/24/2014				<0.005				<0.005	
1/12/2015									
1/13/2015	0.0077	<0.005			<0.005	<0.005	<0.005		0.011
1/14/2015			<0.005	<0.005				<0.005	
5/10/2015				<0.005				<0.005	
5/11/2015									
7/16/2015	0.0077	<0.005			0.0037 (J)	<0.005	<0.005		0.02
7/17/2015			<0.005	<0.005				<0.005	
7/18/2015									
10/6/2015				<0.005				<0.005	
1/17/2016					0.024 (O)			0.002 (J)	0.014
1/18/2016	0.014	<0.005	<0.005	<0.005		<0.005	<0.005		
4/26/2016				0.0011 (J)				0.00183 (J)	
7/26/2016							<0.005		
7/27/2016	0.0111	0.0008 (J)			0.0046 (J)	<0.005		0.0021 (J)	0.0303
7/28/2016			0.0009 (J)	<0.005					
7/29/2016									
8/30/2016		<0.005	<0.005	<0.005	0.0023 (J)				
8/31/2016						<0.005	<0.005		
9/1/2016	0.0287							0.0024 (J)	0.0533
10/24/2016				<0.005					
10/25/2016	0.0069				0.0035 (J)			<0.005	0.0551
10/26/2016		<0.005	<0.005			<0.005	<0.005		
10/27/2016									
1/3/2017		<0.005		<0.005					
1/4/2017					0.0018 (J)	<0.005			
1/5/2017			0.0021 (J)				<0.005	0.0024 (J)	0.0437
1/6/2017	0.0097								
4/3/2017				0.0006 (J)					0.0713
4/4/2017					0.0015 (J)			0.003 (J)	
4/5/2017						0.0006 (J)			
4/6/2017	0.0104	0.0006 (J)	0.0011 (J)				<0.005		
7/10/2017						0.0008 (J)			
7/11/2017				0.0006 (J)				0.0019 (J)	0.0745
7/12/2017		0.0009 (J)	0.0014 (J)		0.0015 (J)		<0.005		
7/13/2017	0.0064								
10/2/2017				0.0006 (J)				0.0026 (J)	0.0723
10/3/2017		0.001 (J)	0.0014 (J)		0.0013 (J)				
10/4/2017	0.0078					0.0009 (J)	<0.005		
1/9/2018	0.0091 (J)		0.0017 (J)	0.0009 (J)				0.0021 (J)	0.0731
1/10/2018		0.0012 (J)			0.0023 (J)		0.0006 (J)		
1/11/2018						<0.005			

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWB-5R	GWB-6R	GWA-8 (bg)	GWC-1	GWC-12	GWC-13	GWC-14	GWC-15
7/9/2018				<0.005				0.0019 (J)	
7/10/2018		0.0016 (J)	0.00063 (J)		0.0031 (J)				0.09
7/11/2018	<0.005					<0.005	<0.005		
1/16/2019	<0.005	0.0011 (J)	<0.005	<0.005	0.0023 (J)		<0.005	0.0016 (J)	
1/17/2019						<0.005			0.13
1/18/2019									
1/21/2019									
3/25/2019	0.0029 (J)			<0.005					
3/26/2019		0.0014 (J)	0.0029 (J)		0.0032 (J)		0.00058 (J)	0.0023 (J)	0.1
3/27/2019						<0.005			
7/30/2019									
8/26/2019	0.0041 (J)			<0.005					
8/27/2019			0.0035 (J)		0.0022 (J)	<0.005	<0.005	0.0017 (J)	0.17
8/28/2019		0.0023 (J)							
10/7/2019				<0.005					
10/8/2019	0.003 (J)						<0.005	0.0017 (J)	0.13
10/9/2019		0.0053 (J)	0.0018 (J)		0.0042 (J)	<0.005			
4/6/2020	<0.005			0.00045 (J)					
4/7/2020		0.0011 (J)	<0.005		0.027	<0.005		0.0018 (J)	0.24
4/8/2020							<0.005		
8/17/2020				<0.005		<0.005	<0.005		
8/18/2020								0.0012 (J)	0.28
8/19/2020	0.006 (J)	0.0019 (J)	0.0036 (J)		0.007				
9/28/2020	<0.005			<0.005	0.0058		<0.005		
9/29/2020						<0.005		<0.005	
9/30/2020		0.0017 (J)	0.004 (J)						0.24
10/1/2020									
3/10/2021		0.0019 (J)	0.0054		0.0055	<0.005			
3/11/2021	0.0047 (J)								
3/12/2021				<0.005					0.16
3/15/2021							<0.005		
3/16/2021								<0.005	
9/21/2021	<0.005	<0.005	0.0054	<0.005		<0.005	<0.005		
9/22/2021								0.0014 (J)	
9/23/2021					0.0048 (J)				0.21

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-16	GWC-17	GWB-4R	GWC-9	GWC-2	GWC-20	GWC-22	GWC-21
9/29/2000	0.094	<0.005	<0.005	<0.005				
11/21/2000	0.059	<0.005	<0.005	<0.005	<0.005			
1/20/2001	0.087	<0.005	0.01	<0.005	<0.005			
3/14/2001	0.075	<0.005	<0.005	<0.005	<0.005			
7/16/2001	0.11	<0.005	<0.005	<0.005	<0.005			
11/1/2001	0.098	<0.005	<0.005	<0.005	<0.005			
4/25/2002	0.071	<0.005	<0.005	<0.005	<0.005			
11/20/2002	0.15	<0.005	0.0096	<0.005	<0.005			
6/6/2003	1.2 (O)	<0.005	0.0076	<0.005	<0.005			
12/12/2003	0.27 (O)	<0.005	0.0058	<0.005	<0.005			
5/26/2004	0.12	<0.005	0.0068	<0.005	<0.005			
12/7/2004	0.098	<0.005	0.0066	<0.005	<0.005			
6/21/2005	0.065	<0.005	<0.005	<0.005	<0.005			
12/12/2005	0.081	<0.005	<0.005	<0.005	<0.005			
4/4/2006	0.077							
6/27/2006	0.071	<0.005	<0.005	<0.005	<0.005			
8/30/2006	0.08							
12/4/2006	0.085	<0.005	<0.005	<0.005	<0.005			
2/15/2007	0.09							
6/23/2007	0.12	<0.005	<0.005	<0.005	<0.005			
9/11/2007	0.088							
12/11/2007	0.088	<0.005	<0.005	<0.005	<0.005			
3/11/2008	0.071							
6/23/2008				<0.005				
6/24/2008	0.097	<0.005	0.005		<0.005			
11/3/2008	0.089							
12/4/2008				<0.005	<0.005			
12/5/2008	0.092	<0.005	<0.005					
3/25/2009	0.095							
7/7/2009			<0.005					
7/8/2009	0.11	<0.005		<0.005	<0.005			
9/14/2009	0.099							
12/20/2009	0.1				<0.005			
12/21/2009		<0.005	<0.005	<0.005				
3/4/2010	0.074							
6/20/2010				<0.005	<0.005			
6/21/2010	0.056	<0.005	0.018 (O)			0.29	<0.005	0.013 (O)
9/14/2010	0.067							
1/6/2011					<0.005			
1/7/2011	0.066	<0.005	<0.005	<0.005		0.2	<0.005	<0.005
4/15/2011	0.08							
7/7/2011	0.054					<0.005		
7/8/2011		<0.005	<0.005	<0.005		0.19	<0.005	<0.005
9/25/2011	0.085							
1/17/2012					<0.005			
1/18/2012	0.089	<0.005	<0.005	<0.005		0.058	<0.005	<0.005
4/4/2012	0.0473							
7/9/2012					<0.005			
7/10/2012	0.07	<0.005	0.0052	<0.005		0.18	<0.005	<0.005
10/9/2012	0.088							
1/17/2013					<0.005			
1/18/2013	0.063	<0.005	<0.005	<0.005		0.22	<0.005	0.0061

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-16	GWC-17	GWB-4R	GWC-9	GWC-2	GWC-20	GWC-22	GWC-21
4/5/2013	0.06							
7/16/2013								
7/17/2013	0.063	<0.005	<0.005	<0.005	<0.005	0.45	<0.005	<0.005
10/11/2013	0.059							
1/13/2014					<0.005			
1/14/2014	0.077	<0.005	<0.005	<0.005		0.52	<0.005	0.006
4/3/2014	0.091							
7/8/2014								
7/9/2014	0.08	<0.005	0.0023 (J)	<0.005	<0.005			<0.005
7/10/2014						0.4	0.0027 (J)	
10/24/2014	0.073							
1/12/2015			0.0028 (J)			0.43		
1/13/2015					<0.005			
1/14/2015	0.079	<0.005		<0.005			<0.005	<0.005
5/10/2015								
5/11/2015	0.058							
7/16/2015	0.068		<0.005		<0.005			
7/17/2015				<0.005				<0.005
7/18/2015		<0.005				0.26	<0.005	
10/6/2015	0.078							
1/17/2016	0.089				<0.005	0.34		0.0065
1/18/2016		<0.005	<0.005	<0.005			<0.005	
4/26/2016	0.0731							
7/26/2016								
7/27/2016					<0.005			
7/28/2016	0.0627			<0.005		0.209		<0.005
7/29/2016		0.0009 (J)	0.0014 (J)				0.002 (J)	
8/30/2016								
8/31/2016				<0.005	<0.005		0.0017 (J)	
9/1/2016	0.0551	<0.005	0.0033 (J)			0.215		0.0039 (J)
10/24/2016								
10/25/2016	0.0466					0.307		<0.005
10/26/2016		<0.005	0.0016 (J)		<0.005		<0.005	
10/27/2016				<0.005				
1/3/2017								
1/4/2017	0.0444					0.311	<0.005	<0.005
1/5/2017		<0.005			<0.005			
1/6/2017			<0.005	<0.005				
4/3/2017								
4/4/2017			0.0021 (J)		<0.005	0.317		0.0031 (J)
4/5/2017	0.0591	0.0011 (J)						
4/6/2017				<0.005			0.0006 (J)	
7/10/2017								
7/11/2017						0.299	0.0012 (J)	
7/12/2017	0.0776		0.0015 (J)	<0.005				
7/13/2017		0.0016 (J)			<0.005			<0.005
10/2/2017						0.216		
10/3/2017	0.0813				<0.005			<0.005
10/4/2017		0.0019 (J)	0.0018 (J)	<0.005			0.0025 (J)	
1/9/2018								0.0033 (J)
1/10/2018	0.085				0.0006 (J)	0.347		
1/11/2018		0.0015 (J)	0.0015 (J)	<0.005			0.0006 (J)	

Prediction Limit

Constituent: Arsenic (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-16	GWC-17	GWB-4R	GWC-9	GWC-2	GWC-20	GWC-22	GWC-21
7/9/2018						0.37		
7/10/2018	0.067				<0.005			0.0027 (J)
7/11/2018		0.00082 (J)	0.00095 (J)	<0.005			0.0011 (J)	
1/16/2019		<0.005	0.0024 (J)					
1/17/2019	0.079							0.0022 (J)
1/18/2019				<0.005			<0.005	
1/21/2019					<0.005	0.44		
3/25/2019			0.0029 (J)			0.41		
3/26/2019	0.089	0.0015 (J)						0.0045 (J)
3/27/2019				<0.005			<0.005	
7/30/2019					0.00039 (J)			
8/26/2019								
8/27/2019			0.0023 (J)		<0.005		0.00044 (J)	
8/28/2019	0.091	0.0011 (J)		<0.005		0.43		0.002 (J)
10/7/2019								
10/8/2019	0.088							0.0028 (J)
10/9/2019		0.0011 (J)	0.0024 (J)	<0.005	<0.005	0.35	<0.005	
4/6/2020								
4/7/2020	0.091		0.0027 (J)				0.00043 (J)	<0.005
4/8/2020		0.0013 (J)		0.00084 (J)	0.00094 (J)	0.33		
8/17/2020								
8/18/2020	0.045	<0.005			<0.005	0.3	<0.005	0.0059
8/19/2020			0.0033 (J)	<0.005				
9/28/2020								
9/29/2020					<0.005			
9/30/2020	0.044	0.0012 (J)				0.31	<0.005	0.0029 (J)
10/1/2020			0.0027 (J)	<0.005				
3/10/2021			0.0025 (J)	<0.005			<0.005	
3/11/2021		0.0009 (J)						
3/12/2021						0.27		
3/15/2021					<0.005			
3/16/2021	0.064							0.0098
9/21/2021			0.0027 (J)				<0.005	
9/22/2021	0.081	<0.005		<0.005	<0.005	0.23		<0.005
9/23/2021								

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWB-5R	GWB-6R	GWC-16	GWC-12	GWB-4R	GWC-13	GWC-11	GWC-15
9/29/2000	0.11	0.22	0.16	0.076	0.075	0.16	<0.005	0.1	0.028
11/21/2000	0.12	0.13	0.21	0.075	0.072	0.16	0.01	0.082	0.035
1/20/2001	0.11	0.19	0.23	0.053	0.086	0.21	<0.005	0.083	0.032
3/14/2001	0.11	0.27	0.22	0.055	0.088	0.18	0.01	0.075	0.036
7/16/2001	0.11	0.37	0.22	0.041	0.084	0.18	<0.005	0.091	0.036
11/1/2001	0.11	0.61 (O)	0.23	0.045	0.13	0.15	<0.005	0.068	0.036
4/25/2002	0.058	0.19	0.15	0.055	0.24 (O)	0.16	<0.005	0.066	0.045
6/6/2003	0.19	0.72 (O)	0.13	0.48 (O)	0.28 (O)	0.29	0.028	0.085	0.083 (O)
12/12/2003	0.1	0.054	0.034	0.13 (O)	0.27 (O)	0.18	0.019	0.072	0.094 (O)
5/26/2004	0.084	0.18	0.13	0.055	0.31 (O)	0.16	<0.005	0.055	0.034
12/7/2004	0.094	0.24	0.13	0.072	0.46 (O)	0.16	0.009	0.066	0.042
6/21/2005	0.089	0.2	0.07	0.061	0.053	0.15	0.0089	0.033	0.039
12/12/2005	0.089	0.074	0.04	0.047	0.1	0.15	0.026	0.034	0.043
4/4/2006				0.042					
6/27/2006	0.096	0.075	0.041	0.042	0.098	0.19	0.029	0.029	0.031
8/30/2006				0.05					
12/4/2006	0.092	0.092	0.048	0.044	0.068	0.26	0.017	0.02	0.043
2/15/2007				0.041					
6/23/2007	0.08	0.089	0.12	0.044	0.042	0.24	0.014	0.017	0.031
9/11/2007				0.04					
12/11/2007	0.067	0.072	0.12	0.0035	0.04	0.21	0.011	0.013	0.044
3/11/2008				0.034					
6/23/2008	0.056				0.041		0.018	0.012	
6/24/2008		0.049	0.17	0.042		0.13			0.057
11/3/2008				0.049					
12/4/2008	0.054				0.035		0.019	0.011	
12/5/2008		0.067	0.093	0.05		0.12			0.041
3/25/2009				0.052					
7/7/2009	0.034	0.04	0.06			0.17			
7/8/2009				0.046	0.036		0.011	0.012	0.058
9/14/2009				0.048					
12/20/2009	0.034			0.062					0.062
12/21/2009		0.044	0.11		0.028	0.2	0.01	0.011	
3/4/2010				0.058					
6/20/2010	0.062	0.036	0.11		0.025		0.0081	0.0089	0.03
6/21/2010				0.041		0.22			
9/14/2010				0.036					
1/6/2011		0.075					0.012	0.014	
1/7/2011	0.039		0.025	0.054	0.037	0.12			0.049
4/15/2011				0.049					
7/7/2011	0.036	0.13	0.025	0.063	0.039		0.015	0.018	0.05
7/8/2011						0.15			
9/25/2011				0.037					
1/17/2012	0.041	0.21			0.045		0.0086	0.23	0.044
1/18/2012			0.03	0.034		0.15			
4/4/2012				0.0446					
7/9/2012	0.15	0.2			0.032		0.01	0.17	0.045
7/10/2012			0.028	0.033		0.14			
10/9/2012				0.041					
1/17/2013		0.19			0.033		0.014	0.2	
1/18/2013	0.15		0.058	0.036		0.15			0.049
4/5/2013				0.036					

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWB-5R	GWB-6R	GWC-16	GWC-12	GWB-4R	GWC-13	GWC-11	GWC-15
7/16/2013		0.076			0.027		0.012	0.11	
7/17/2013	0.13		0.086	0.054		0.14			0.039
10/11/2013				0.052					
1/13/2014	0.16	0.14			0.027		0.015	0.083	0.038
1/14/2014			0.1	0.051		0.16			
4/3/2014				0.047					
7/8/2014					0.037		0.017	0.066	
7/9/2014	0.11	0.12	0.082	0.08		0.12			0.031
7/10/2014									
10/24/2014				0.072					
1/12/2015						0.13			
1/13/2015	0.083	0.13			0.023		0.019	0.053	0.041
1/14/2015			0.094	0.047					
5/10/2015									
5/11/2015				0.053					
7/16/2015	0.094	0.12		0.059	0.03	0.11	0.022	0.052	0.041
7/17/2015			0.11						
7/18/2015									
10/6/2015				0.053					
1/17/2016				0.056					0.048
1/18/2016	0.22	0.12	0.11		0.032	0.095	0.026		
1/19/2016								0.048	
4/26/2016				0.0721					
7/26/2016							0.0236	0.051	
7/27/2016	0.192	0.112			0.0191				0.0487
7/28/2016			0.105	0.0534					
7/29/2016						0.0883			
8/30/2016		0.135	0.106						
8/31/2016					0.019		0.0273	0.0565	
9/1/2016	0.415 (O)			0.0445		0.123			0.0403
10/24/2016									
10/25/2016	0.173			0.0464					0.0329
10/26/2016		0.103	0.107		0.0197	0.0863	0.0238	0.0591	
10/27/2016									
1/3/2017		0.118							
1/4/2017				0.0379	0.0174			0.0598	
1/5/2017			0.107				0.0218		0.0392
1/6/2017	0.167					0.0758			
4/3/2017									0.0439
4/4/2017						0.091			
4/5/2017				0.0534	0.0174				
4/6/2017	0.136	0.162	0.111				0.0204	0.0813	
7/10/2017					0.0172				
7/11/2017								0.0302	0.051
7/12/2017		0.157	0.106	0.0944		0.0941	0.0161		
7/13/2017	0.0891								
10/2/2017									0.047
10/3/2017		0.127	0.105	0.135 (O)				0.103	
10/4/2017	0.113				0.0162	0.0994	0.0185		
1/9/2018	0.0901		0.0969						0.0431
1/10/2018		0.158		0.0603			0.0166		
1/11/2018					0.018	0.088		0.166	

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWB-5R	GWB-6R	GWC-16	GWC-12	GWB-4R	GWC-13	GWC-11	GWC-15
7/9/2018									
7/10/2018		0.31	0.087	0.16 (O)					0.047
7/11/2018	0.065				0.014	0.071	0.019	0.12	
1/16/2019	0.062	0.054	0.013 (J)			0.083	0.019		
1/17/2019				0.13	0.017			0.039	0.042
1/18/2019									
1/21/2019									
3/25/2019	0.054					0.077			
3/26/2019		0.057	0.012 (J)	0.14			0.026		0.047
3/27/2019					0.017			0.053	
7/30/2019									
8/26/2019	0.11								
8/27/2019			0.013		0.017	0.076	0.024	0.12	0.049
8/28/2019		0.1		0.09					
10/7/2019									
10/8/2019	0.1			0.13			0.024	0.13	0.057
10/9/2019		0.13	0.014 (J)		0.019	0.076			
4/6/2020	0.072								
4/7/2020		0.098	0.01 (J)	0.13	0.017	0.09		0.14	0.033
4/8/2020							0.027		
8/17/2020					0.018		0.024		
8/18/2020				0.32				0.12	0.03
8/19/2020	0.1	0.1	0.064			0.076			
9/28/2020	0.095						0.029		
9/29/2020					0.018			0.14	
9/30/2020		0.16	0.092	0.14					0.034
10/1/2020						0.077			
3/10/2021		0.096	0.027		0.028	0.07		0.13	
3/11/2021	0.07								
3/12/2021									0.038
3/15/2021							0.034		
3/16/2021				0.16					
9/21/2021	0.073	0.076	0.077		0.023	0.098	0.037	0.12	
9/22/2021				0.26					
9/23/2021									0.062

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWA-8 (bg)	GWC-17	GWC-1	GWC-9	GWC-2	GWC-20	GWC-21	GWC-22
9/29/2000	0.11	0.16	0.16	0.044	0.093				
11/21/2000	0.15		0.17	0.047	0.095	0.046			
1/20/2001	0.1	0.18	0.16	0.051	0.089	0.036			
3/14/2001	0.095	0.14	0.17	0.048	0.088	0.03			
7/16/2001	0.28 (O)	0.14	0.19	0.054	0.096	0.032			
11/1/2001	0.16	0.14	0.18	0.063	0.094	0.029			
4/25/2002	0.054	0.088	0.15	0.032	0.085	0.021			
6/6/2003	0.063	0.14	0.13	0.046	0.09	0.032			
12/12/2003	0.041	0.13	0.18	0.034	0.084	0.021			
5/26/2004	0.059	0.09	0.17	0.035	0.08	0.035			
12/7/2004	0.076	0.11	0.19	0.024	0.098	0.031			
6/21/2005	0.042	0.084	0.18	0.039	0.084	0.028			
12/12/2005	0.048	0.1	0.17	0.042	0.07	0.024			
4/4/2006	0.05	0.089							
6/27/2006	0.036	0.1	0.17	0.033	0.083	0.03			
8/30/2006	0.059	0.12							
12/4/2006	0.062	0.086	0.21	0.04	0.072	0.031			
2/15/2007	0.079	0.088							
6/23/2007	0.03	0.089	0.17	0.044	0.087	0.037			
9/11/2007	0.053	0.092							
12/11/2007	0.075	0.077	0.18	0.049	0.082	0.034			
3/11/2008	0.052	0.082							
6/23/2008		0.086			0.1				
6/24/2008	0.039		0.14	0.038		0.038			
11/3/2008	0.082	0.088							
12/4/2008	0.079	0.081			0.12	0.038			
12/5/2008			0.19	0.06					
3/25/2009	0.093	0.069							
7/7/2009		0.078		0.043					
7/8/2009	0.039		0.2		0.14	0.053			
9/14/2009	0.061	0.079							
12/20/2009	0.088	0.081		0.065		0.047			
12/21/2009			0.23		0.15				
3/4/2010	0.077	0.065							
6/20/2010	0.075	0.078		0.095	0.21	0.046			
6/21/2010			0.25				0.062	0.16	0.11
9/14/2010	0.093	0.076							
1/6/2011				0.093		0.063			
1/7/2011	0.13	0.074	0.21		0.2		0.039	0.095	0.12
4/15/2011	0.086	0.065							
7/7/2011	0.051	0.081		0.095			0.06		
7/8/2011			0.13		0.18		0.043	0.1	0.094
9/25/2011	0.056	0.078							
1/17/2012	0.052	0.082		0.1		0.06			
1/18/2012			0.26		0.18		0.042	0.12	0.087
4/4/2012	0.0519	0.0861							
7/9/2012	0.048			0.11		0.05			
7/10/2012		0.082	0.19		0.16		0.039	0.097	0.1
10/9/2012	0.065	0.09							
1/17/2013				0.12		0.058			
1/18/2013	0.045	0.083	0.17		0.19		0.04	0.1	0.078
4/5/2013	0.047	0.078							

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWA-8 (bg)	GWC-17	GWC-1	GWC-9	GWC-2	GWC-20	GWC-21	GWC-22
7/16/2013				0.081					
7/17/2013	0.032	0.083	0.18		0.17	0.041	0.055	0.069	0.062
10/11/2013	0.028	0.078							
1/13/2014				0.096		0.058			
1/14/2014	0.036	0.081	0.18		0.2		0.059	0.086	0.073
4/3/2014	0.038	0.077							
7/8/2014									
7/9/2014	0.03	0.073	0.16	0.066	0.16	0.048		0.065	
7/10/2014							0.067		0.13
10/24/2014	0.025	0.087							
1/12/2015							0.061		
1/13/2015				0.068		0.048			
1/14/2015	0.04	0.079	0.16		0.17			0.084	0.065
5/10/2015	0.026	0.076							
5/11/2015									
7/16/2015				0.07		0.048			
7/17/2015	0.029	0.061			0.18			0.071	
7/18/2015			0.012				0.13		0.073
10/6/2015	0.03	0.067							
1/17/2016	0.038			0.062		0.049	0.08	0.079	
1/18/2016		0.068	0.13		0.2				0.062
1/19/2016									
4/26/2016	0.025	0.0596							
7/26/2016									
7/27/2016	0.0248			0.0417		0.0796			
7/28/2016		0.0701			0.234		0.164	0.0626	
7/29/2016			0.181						0.0575
8/30/2016		0.0687		0.0545					
8/31/2016					0.284	0.0429			0.0693
9/1/2016	0.0346		0.203				0.0976	0.077	
10/24/2016		0.07							
10/25/2016	0.0248			0.0504			0.0702	0.0217	
10/26/2016			0.177			0.113 (O)			0.0966
10/27/2016					0.244				
1/3/2017		0.061							
1/4/2017				0.0534			0.0999	0.0617	0.0975
1/5/2017	0.0245		0.142			0.0526			
1/6/2017					0.305				
4/3/2017		0.0612							
4/4/2017	0.0342			0.0549		0.0503	0.136	0.0761	
4/5/2017			0.106						
4/6/2017					0.249				0.064
7/10/2017									
7/11/2017	0.0276	0.0624					0.145		0.0778
7/12/2017				0.0614	0.256				
7/13/2017			0.0686			0.0529		0.0428	
10/2/2017	0.0274	0.0618					0.148		
10/3/2017				0.0436		0.057		0.0376	
10/4/2017			0.0589		0.356				0.156
1/9/2018	0.0222	0.0574						0.0704	
1/10/2018				0.053		0.0527	0.0788		
1/11/2018			0.0412		0.226				0.0702

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWA-8 (bg)	GWC-17	GWC-1	GWC-9	GWC-2	GWC-20	GWC-21	GWC-22
7/9/2018	0.026	0.056					0.087		
7/10/2018				0.059		0.054		0.061	
7/11/2018			0.049		0.29				0.12
1/16/2019	0.028	0.062	0.063	0.054					
1/17/2019								0.061	
1/18/2019					0.21				0.052
1/21/2019						0.05	0.069		
3/25/2019		0.064					0.085		
3/26/2019	0.034		0.025	0.055				0.084	
3/27/2019					0.19				0.057
7/30/2019						0.052			
8/26/2019		0.065							
8/27/2019	0.067			0.054		0.053			0.097
8/28/2019			0.026		0.17		0.078	0.063	
10/7/2019		0.069							
10/8/2019	0.085							0.079	
10/9/2019			0.032	0.058	0.18	0.05	0.078		0.065
4/6/2020		0.057							
4/7/2020	0.073			0.05				0.054	0.1
4/8/2020			0.055		0.15	0.061	0.19		
8/17/2020		0.051							
8/18/2020	0.028		0.074			0.05	0.38	0.18	0.085
8/19/2020				0.057	0.17				
9/28/2020		0.05		0.051					
9/29/2020	0.026					0.049			
9/30/2020			0.035				0.35	0.19	0.045
10/1/2020					0.15				
3/10/2021				0.052	0.15				0.049
3/11/2021			0.044						
3/12/2021		0.052					0.34		
3/15/2021						0.053			
3/16/2021	0.037							0.18	
9/21/2021		0.049							0.036
9/22/2021	0.11		0.058		0.15	0.047	0.42	0.046	
9/23/2021				0.062					

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWC-12	GWC-11	GWA-8 (bg)	GWC-13	GWC-1	GWC-17	GWC-16	GWC-14
9/29/2000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
11/21/2000	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	<0.005
1/20/2001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/14/2001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
7/16/2001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
11/1/2001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
4/25/2002	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
11/20/2002		0.002	0.006	0.0051	<0.005	<0.005	<0.005	0.0041	0.014
6/6/2003	0.037	<0.005	0.0082	0.014	0.003	0.005	<0.005	0.063 (O)	<0.005
12/12/2003	0.0044	<0.005	0.0023	0.011	<0.005	<0.005	0.036 (O)	0.0059	<0.005
5/26/2004	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
12/7/2004	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0021	<0.005	<0.005
6/21/2005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
12/12/2005	<0.005	<0.005	<0.005	<0.005	<0.005	0.002	<0.005	<0.005	<0.005
4/4/2006				<0.005				<0.005	<0.005
6/27/2006	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/30/2006				<0.005				<0.005	<0.005
12/4/2006	0.0015	0.0032	0.0021	<0.005	0.0017	<0.005	<0.005	0.0036	0.0042
2/15/2007				<0.005				<0.005	<0.005
6/23/2007	<0.005	<0.005	0.0017	<0.005	<0.005	<0.005	<0.005	0.0016	<0.005
9/11/2007				<0.005				<0.005	<0.005
12/11/2007	0.0016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
3/11/2008				<0.005				<0.005	<0.005
6/23/2008	0.0019	0.0016	<0.005	<0.005	<0.005				
6/24/2008						<0.005	<0.005	<0.005	<0.005
11/3/2008				<0.005				0.0025	<0.005
12/4/2008	<0.005	<0.005	<0.005	<0.005	<0.005				<0.005
12/5/2008						<0.005	<0.005	<0.005	
3/25/2009				<0.005				<0.005	<0.005
7/7/2009	0.0037			<0.005		0.0013			
7/8/2009		<0.005	<0.005		<0.005		<0.005	<0.005	<0.005
9/14/2009				<0.005				<0.005	<0.005
12/20/2009	0.0016			<0.005		<0.005		<0.005	<0.005
12/21/2009		<0.005	<0.005		<0.005		<0.005		
3/4/2010				<0.005				<0.005	<0.005
6/20/2010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			<0.005
6/21/2010							<0.005	<0.005	
9/14/2010				<0.005				<0.005	<0.005
1/6/2011			<0.005		<0.005	<0.005			
1/7/2011	0.0033	<0.005		<0.005			<0.005	0.0018	0.0016
4/15/2011				<0.005				<0.005	0.0034
7/7/2011	0.0044	<0.005	0.0023	<0.005	0.0019	<0.005		<0.005	<0.005
7/8/2011							0.0013		
9/25/2011				0.0021				<0.005	0.0013
1/17/2012	0.0038	<0.005	<0.005	<0.005	<0.005	<0.005			<0.005
1/18/2012							<0.005	<0.005	
4/4/2012				<0.005				<0.005	<0.005
7/9/2012	0.022	<0.005	0.0017		<0.005	<0.005			<0.005
7/10/2012				<0.005			<0.005	<0.005	
10/9/2012				<0.005				0.0018	0.0019
1/17/2013		<0.005	<0.005		<0.005	<0.005			
1/18/2013	0.034			<0.005			<0.005	<0.005	0.0017

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWC-12	GWC-11	GWA-8 (bg)	GWC-13	GWC-1	GWC-17	GWC-16	GWC-14
4/5/2013				<0.005				<0.005	0.0019
7/16/2013		<0.005	<0.005		<0.005	<0.005			
7/17/2013	0.032			<0.005			<0.005	<0.005	0.0017
10/11/2013				<0.005				<0.005	0.0013
1/13/2014	0.04	<0.005	<0.005		<0.005	<0.005			
1/14/2014				<0.005			<0.005	<0.005	0.001
4/3/2014				<0.005				<0.005	0.0031
7/8/2014		<0.005	<0.005		<0.005				
7/9/2014	0.036			<0.005		0.0011 (J)	<0.005	<0.005	0.0012 (J)
7/10/2014									
10/24/2014				<0.005				<0.005	<0.005
1/12/2015									
1/13/2015	0.03	<0.005	<0.005		<0.005	<0.005			
1/14/2015				<0.005			<0.005	<0.005	0.0013
5/10/2015				<0.005					<0.005
5/11/2015								<0.005	
7/16/2015	0.039	0.001 (J)	<0.005		<0.005	0.0011 (J)		<0.005	
7/17/2015				<0.005					0.001 (J)
7/18/2015							<0.005		
10/6/2015				<0.005				<0.005	<0.005
1/17/2016						<0.005		<0.005	0.0012 (J)
1/18/2016	0.068	<0.005		<0.005	<0.005		<0.005		
1/19/2016			<0.005						
4/26/2016				<0.005				<0.005	<0.005
7/26/2016			0.0005 (J)		<0.005				
7/27/2016	0.05	0.0014 (J)				0.0016 (J)			0.0008 (J)
7/28/2016				<0.005				0.0006 (J)	
7/29/2016							0.0009 (J)		
8/30/2016				<0.005		0.0015 (J)			
8/31/2016		0.0012 (J)	0.001 (J)		0.0011 (J)				
9/1/2016	0.119 (O)						0.0011 (J)	0.0011 (J)	0.0015 (J)
10/24/2016				<0.005					
10/25/2016	0.0519					0.0018 (J)		<0.005	<0.005
10/26/2016		0.0012 (J)	<0.005		<0.005		<0.005		
10/27/2016									
1/3/2017				<0.005					
1/4/2017		0.0012 (J)	<0.005			0.0021 (J)		<0.005	
1/5/2017					<0.005		0.0012 (J)		0.001 (J)
1/6/2017	0.0536								
4/3/2017				0.0004 (J)					
4/4/2017						0.002 (J)			0.001 (J)
4/5/2017		0.0013 (J)					0.0015 (J)	0.001 (J)	
4/6/2017	0.0447 (J)		0.0007 (J)		0.0011 (J)				
7/10/2017		0.0014 (J)							
7/11/2017			0.0006 (J)	0.0006 (J)					0.0008 (J)
7/12/2017					0.0007 (J)	0.0021 (J)		0.0011 (J)	
7/13/2017	0.0269						0.0012 (J)		
10/2/2017				<0.005					0.0009 (J)
10/3/2017			0.0007 (J)			0.0014 (J)		0.0009 (J)	
10/4/2017	0.0378	0.0011 (J)			0.0008 (J)		0.0055 (J)		
1/9/2018	0.0283 (J)			<0.005					0.0006 (J)
1/10/2018					0.0007 (J)	0.0017 (J)		0.0007 (J)	

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWC-12	GWC-11	GWA-8 (bg)	GWC-13	GWC-1	GWC-17	GWC-16	GWC-14
1/11/2018		0.001 (J)	0.0098 (J)				0.0009 (J)		
7/9/2018				<0.005					<0.005
7/10/2018						0.0021 (J)		<0.005	
7/11/2018	0.018 (J)	<0.005	<0.005		0.0019 (J)		<0.005		
1/16/2019	0.018 (J)			<0.005	<0.005	0.0021 (J)	<0.005		<0.005
1/17/2019		0.0028 (J)	<0.005					0.01 (J)	
1/18/2019									
1/21/2019									
3/25/2019	0.017 (J)			<0.005					
3/26/2019					<0.005	0.0018 (J)	<0.005	<0.005	<0.005
3/27/2019		<0.005	<0.005						
7/30/2019									
8/26/2019	0.024 (J)			0.001 (J)					
8/27/2019		0.00085 (J)	0.00092 (J)		<0.005	0.0062 (J)			0.001 (J)
8/28/2019							0.0013 (J)	0.0011 (J)	
10/7/2019				0.00052 (J)					
10/8/2019	0.021 (J)		0.00091 (J)		<0.005			0.00099 (J)	0.00053 (J)
10/9/2019		0.00081 (J)				0.0019 (J)	0.00081 (J)		
4/6/2020	0.015 (J)			<0.005					
4/7/2020		0.00082 (J)	0.00094 (J)			0.0015 (J)		<0.005	0.00074 (J)
4/8/2020					0.00058 (J)		0.00073 (J)		
8/17/2020		0.001 (J)		0.00082 (J)	0.00077 (J)				
8/18/2020			0.0015 (J)				0.0011 (J)	0.0012 (J)	0.00059 (J)
8/19/2020	0.015 (J)					0.0028 (J)			
9/28/2020	0.014 (J)			0.00071 (J)	0.00062 (J)	0.0024 (J)			
9/29/2020		0.00085 (J)	0.0011 (J)						<0.005
9/30/2020							0.00096 (J)	0.00098 (J)	
10/1/2020									
3/10/2021		0.00091 (J)	0.0013 (J)			0.0023 (J)			
3/11/2021	0.02 (J)						0.0009 (J)		
3/12/2021				0.00074 (J)					
3/15/2021					<0.005				
3/16/2021								0.0012 (J)	<0.005
9/21/2021	0.013 (J)	<0.005	<0.005	<0.005	<0.005				
9/22/2021							<0.005	0.0018 (J)	<0.005
9/23/2021						0.0023 (J)			

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWB-5R	GWB-6R	GWB-4R	GWC-15	GWC-9	GWC-2	GWC-21	GWC-22	GWC-20
9/29/2000	0.03	0.016	0.021	<0.005	<0.005				
11/21/2000	<0.005	0.023	0.017	<0.005	<0.005	<0.005			
1/20/2001	0.028	0.025	0.03	<0.005	<0.005	<0.005			
3/14/2001	0.052 (O)	0.021	0.019	<0.005	<0.005	<0.005			
7/16/2001	0.08 (O)	0.019	0.029	<0.005	<0.005	<0.005			
11/1/2001	0.13 (O)	0.022	0.021	<0.005	<0.005	<0.005			
4/25/2002	0.021	0.019	0.03	<0.005	<0.005	<0.005			
11/20/2002	0.053 (O)	0.024	0.038	0.0058	0.014	<0.005			
6/6/2003	0.064 (O)	0.021	0.028	0.0068	<0.005	<0.005			
12/12/2003	<0.005	0.0066	0.027	0.0041	<0.005	<0.005			
5/26/2004	0.012	0.013	0.021	<0.005	<0.005	<0.005			
12/7/2004	0.019	0.013	0.016	0.0026	0.0039	<0.005			
6/21/2005	0.02	0.0067	0.015	<0.005	0.002	<0.005			
12/12/2005	<0.005	0.0033	0.022	<0.005	<0.005	<0.005			
4/4/2006									
6/27/2006	0.0015	0.0047	0.027	0.0013	<0.005	<0.005			
8/30/2006									
12/4/2006	0.0034	0.0084	0.025	<0.005	0.0019	<0.005			
2/15/2007									
6/23/2007	<0.005	0.01	0.023	<0.005	0.0015	<0.005			
9/11/2007									
12/11/2007	<0.005	0.0049	0.018	<0.005	<0.005	<0.005			
3/11/2008									
6/23/2008					0.0015				
6/24/2008	<0.005	0.032 (O)	0.022	0.0014		<0.005			
11/3/2008									
12/4/2008					<0.005	<0.005			
12/5/2008	0.0016	0.009	0.023	<0.005					
3/25/2009									
7/7/2009	<0.005	0.0044	0.012						
7/8/2009				<0.005	<0.005	<0.005			
9/14/2009									
12/20/2009				<0.005		<0.005			
12/21/2009	<0.005	0.0055	0.019		<0.005				
3/4/2010									
6/20/2010	<0.005	0.002		<0.005	0.0015	<0.005			
6/21/2010			0.01				0.0019	<0.005	<0.005
9/14/2010									
1/6/2011	0.0017					<0.005			
1/7/2011		0.0039	0.023	<0.005	<0.005		0.0017	<0.005	0.0018
4/15/2011									
7/7/2011	0.008	0.0031		<0.005					<0.005
7/8/2011			0.017		<0.005		0.0023	<0.005	0.0019
9/25/2011									
1/17/2012	0.0082			<0.005		<0.005			
1/18/2012		0.0023	0.0114		<0.005		<0.005	<0.005	<0.005
4/4/2012									
7/9/2012	0.01			<0.005		<0.005			
7/10/2012		0.0022	0.014		<0.005		<0.005	<0.005	0.0013
10/9/2012									
1/17/2013	0.01					<0.005			
1/18/2013		<0.005	0.015	<0.005	<0.005		<0.005	<0.005	0.0015

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWB-5R	GWB-6R	GWB-4R	GWC-15	GWC-9	GWC-2	GWC-21	GWC-22	GWC-20
4/5/2013									
7/16/2013	0.0061								
7/17/2013		<0.005	0.011	<0.005	<0.005	<0.005	0.0019	<0.005	<0.005
10/11/2013									
1/13/2014	0.002			<0.005		<0.005			
1/14/2014		0.0013	0.019		<0.005		<0.005	<0.005	0
4/3/2014									
7/8/2014									
7/9/2014	<0.005	<0.005	0.012	<0.005	0.0011 (J)	<0.005	<0.005		
7/10/2014								<0.005	<0.005
10/24/2014									
1/12/2015			0.016						<0.005
1/13/2015	<0.005			<0.005		<0.005			
1/14/2015		0.0015			<0.005		<0.005	<0.005	
5/10/2015									
5/11/2015									
7/16/2015	<0.005		0.0084	<0.005		<0.005			
7/17/2015		0.0011 (J)			0.0013		<0.005		
7/18/2015								<0.005	<0.005
10/6/2015									
1/17/2016				<0.005		<0.005	<0.005		<0.005
1/18/2016	<0.005	0.0011 (J)	0.014		<0.005			<0.005	
1/19/2016									
4/26/2016									
7/26/2016									
7/27/2016	0.0006 (J)			0.0007 (J)		0.0008 (J)			
7/28/2016		0.001 (J)			0.0011 (J)		0.0005 (J)		0.0007 (J)
7/29/2016			0.0077 (J)					0.0007 (J)	
8/30/2016	<0.005	0.0013 (J)							
8/31/2016					0.0024 (J)	<0.005		<0.005	
9/1/2016			0.015	0.0011 (J)			<0.005		<0.005
10/24/2016									
10/25/2016				<0.005			<0.005		<0.005
10/26/2016	<0.005	0.0014 (J)	0.0106			0.001 (J)		<0.005	
10/27/2016					<0.005				
1/3/2017	0.001 (J)								
1/4/2017							<0.005	<0.005	<0.005
1/5/2017		0.002 (J)		<0.005		<0.005			
1/6/2017			0.0098 (J)		<0.005				
4/3/2017				0.0015 (J)					
4/4/2017			0.0101			0.0008 (J)	0.0008 (J)		0.0011 (J)
4/5/2017									
4/6/2017	0.0013 (J)	0.0034 (J)			0.0019 (J)			0.0006 (J)	
7/10/2017									
7/11/2017				0.0013 (J)				0.0005 (J)	0.0009 (J)
7/12/2017	0.0011 (J)	0.0024 (J)	0.0096 (J)		0.0011 (J)				
7/13/2017						0.0006 (J)	0.0006 (J)		
10/2/2017				0.0013 (J)					0.0009 (J)
10/3/2017	0.0012 (J)	0.0022 (J)				<0.005	0.0005 (J)		
10/4/2017			0.0097 (J)		0.0011 (J)			0.0006 (J)	
1/9/2018		0.0019 (J)		0.0012 (J)			0.0007 (J)		
1/10/2018	0.0016 (J)					<0.005			0.0008 (J)

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWB-5R	GWB-6R	GWB-4R	GWC-15	GWC-9	GWC-2	GWC-21	GWC-22	GWC-20
1/11/2018			0.0109		0.001 (J)			<0.005	
7/9/2018									<0.005
7/10/2018	0.0055 (J)	0.0023 (J)		<0.005		<0.005	<0.005		
7/11/2018			0.0055 (J)		<0.005			<0.005	
1/16/2019	<0.005	0.018 (J)	0.0024 (J)						
1/17/2019				<0.005			0.01		
1/18/2019					<0.005			<0.005	
1/21/2019						<0.005			<0.005
3/25/2019			0.002 (J)						<0.005
3/26/2019	0.072	0.017 (J)		<0.005			<0.005		
3/27/2019					<0.005			<0.005	
7/30/2019						0.00065 (J)			
8/26/2019									
8/27/2019		0.0097 (J)	0.0027 (J)	0.0016 (J)		<0.005		0.00057 (J)	
8/28/2019	0.0071 (J)				0.00089 (J)		0.00087 (J)		0.00089 (J)
10/7/2019									
10/8/2019				0.0017 (J)			0.00065 (J)		
10/9/2019	0.012 (J)	0.011 (J)	0.002 (J)		0.0009 (J)	0.00049 (J)		0.00072 (J)	0.0011 (J)
4/6/2020									
4/7/2020	0.0022 (J)	0.0094 (J)	0.0028 (J)	0.0014 (J)			<0.005	0.00049 (J)	
4/8/2020					0.0015 (J)	0.00069 (J)			0.001 (J)
8/17/2020									
8/18/2020				0.0018 (J)		<0.005	0.0012 (J)	0.00056 (J)	0.0011 (J)
8/19/2020	0.0012 (J)	0.0037 (J)	0.0022 (J)		0.0013 (J)				
9/28/2020									
9/29/2020						<0.005			
9/30/2020	0.0018 (J)	0.0045 (J)		0.0016 (J)			0.00067 (J)	0.00064 (J)	0.0013 (J)
10/1/2020			0.002 (J)		0.0012 (J)				
3/10/2021	0.001 (J)	0.006	0.003 (J)		0.0011 (J)			<0.005	
3/11/2021									
3/12/2021				0.0031 (J)					0.0014 (J)
3/15/2021						0.0011 (J)			
3/16/2021							0.00075 (J)		
9/21/2021	<0.005	0.0035 (J)	0.0018 (J)					<0.005	
9/22/2021					<0.005	<0.005	<0.005		0.0013 (J)
9/23/2021				0.0013 (J)					

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWB-6R	GWC-11	GWC-12	GWC-9	GWC-13	GWB-4R	GWC-17	GWC-14
9/29/2000	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0083	<0.001	<0.001
11/21/2000	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0052	<0.001	<0.001
1/20/2001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/14/2001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
7/16/2001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.011	<0.001	<0.001
11/1/2001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/25/2002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
11/20/2002		0.0057 (J)	<0.001	<0.001	0.0086 (O)	<0.001	0.018 (O)	<0.001	0.011 (O)
6/6/2003	0.037 (O)	0.013	0.0068	<0.001	<0.001	0.0078	0.015 (O)	<0.001	<0.001
12/12/2003	0.008	<0.001	<0.001	<0.001	<0.001	0.0055	0.0072	<0.001	<0.001
5/26/2004	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.0055	<0.001	<0.001
12/7/2004	<0.001	<0.001	<0.001	<0.001	0.0051	<0.001	<0.001	<0.001	<0.001
6/21/2005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
12/12/2005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4/4/2006									<0.001
6/27/2006	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.024 (O)	<0.001	<0.001
8/30/2006									<0.001
12/4/2006	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.023 (O)	<0.001	<0.001
2/15/2007									<0.001
6/23/2007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/11/2007									<0.001
12/11/2007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
3/11/2008									<0.001
6/23/2008	<0.001		<0.001	<0.001	<0.001	<0.001			
6/24/2008		0.02					0.02 (O)	<0.001	<0.001
11/3/2008									<0.001
12/4/2008	<0.001		<0.001	<0.001	<0.001	<0.001			<0.001
12/5/2008		<0.001					<0.001	<0.001	
3/25/2009									<0.001
7/7/2009	<0.001	<0.001					<0.001		
7/8/2009			<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
9/14/2009									<0.001
12/20/2009	<0.001								<0.001
12/21/2009		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
3/4/2010									<0.001
6/20/2010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			<0.001
6/21/2010							<0.001	<0.001	
9/14/2010									<0.001
1/6/2011			<0.001			<0.001			
1/7/2011	<0.001	<0.001		<0.001	<0.001		<0.001	<0.001	<0.001
4/15/2011									<0.001
7/7/2011	<0.001	<0.001	<0.001	<0.001		<0.001			<0.001
7/8/2011					<0.001		<0.001	<0.001	
9/25/2011									<0.001
1/17/2012	<0.001		<0.001	<0.001		<0.001			<0.001
1/18/2012		<0.001			<0.001		<0.001	<0.001	
4/4/2012									<0.001
7/9/2012	<0.001		<0.001	<0.001		<0.001			<0.001
7/10/2012		<0.001			<0.001		<0.001	<0.001	
10/9/2012									<0.001
1/17/2013			<0.001	<0.001		<0.001			
1/18/2013	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWB-6R	GWC-11	GWC-12	GWC-9	GWC-13	GWB-4R	GWC-17	GWC-14
4/5/2013									<0.001
7/16/2013			<0.001	<0.001		<0.001			
7/17/2013	<0.001	<0.001			<0.001		<0.001	<0.001	<0.001
10/11/2013									<0.001
1/13/2014	0.013		<0.001	0.004		<0.001			
1/14/2014		<0.001			<0.001		0.005	<0.001	<0.001
4/3/2014									<0.001
7/8/2014			<0.001	<0.001		<0.001			
7/9/2014	0.0076 (J)	<0.001			<0.001		<0.001	<0.001	<0.001
7/10/2014									
10/24/2014									<0.001
1/12/2015							<0.001		
1/13/2015	0.0057 (J)		<0.001	<0.001		<0.001			
1/14/2015		<0.001			<0.001			<0.001	<0.001
5/10/2015									<0.001
5/11/2015									
7/16/2015	0.009 (J)		<0.001	0.0044 (J)		<0.001	<0.001		
7/17/2015		<0.001			<0.001				<0.001
7/18/2015								<0.001	
10/6/2015									
1/17/2016									<0.001
1/18/2016	0.0094 (J)	<0.001		0.0034 (J)	<0.001	<0.001	0.0055 (J)	<0.001	
1/19/2016			<0.001						
4/26/2016									<0.001
7/26/2016			0.0001 (J)			<0.001			
7/27/2016	0.0058			0.0001 (J)					<0.001
7/28/2016		<0.001			<0.001				
7/29/2016							0.003 (J)	<0.001	
8/30/2016		<0.001							
8/31/2016			0.0002 (J)	0.0001 (J)	0.0007 (J)	<0.001			
9/1/2016	0.0663 (O)						0.0166 (O)	<0.001	<0.001
10/24/2016									
10/25/2016	0.0003 (J)								<0.001
10/26/2016		<0.001	0.0001 (J)	0.0001 (J)		<0.001	0.0057	<0.001	
10/27/2016					<0.001				
1/3/2017									
1/4/2017			0.0002 (J)	<0.001					
1/5/2017		0.0003 (J)				0.0002 (J)		<0.001	<0.001
1/6/2017	0.006				<0.001		0.0053		
4/3/2017									
4/4/2017							0.0092		0.0001 (J)
4/5/2017				0.0003 (J)				0.0009 (J)	
4/6/2017	0.0109	0.0002 (J)	0.0003 (J)		0.0001 (J)	0.0005 (J)			
7/10/2017				0.0003 (J)					
7/11/2017			0.0002 (J)						8E-05 (J)
7/12/2017		0.0002 (J)			<0.001	0.0005 (J)	0.006		
7/13/2017	0.007							<0.001	
10/2/2017									0.0001 (J)
10/3/2017		0.0001 (J)	0.0003 (J)						
10/4/2017	0.0042 (J)			0.0001 (J)	9E-05 (J)	0.0007 (J)	0.0057	0.0001 (J)	
1/9/2018	0.0098	0.0003 (J)							<0.001
1/10/2018						0.0009 (J)			

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWB-6R	GWC-11	GWC-12	GWC-9	GWC-13	GWB-4R	GWC-17	GWC-14
1/11/2018			0.0003 (J)	0.0002 (J)	0.0002 (J)		0.0085	0.0001 (J)	
7/9/2018									<0.001
7/10/2018		<0.001							
7/11/2018	0.0028 (J)		<0.001	<0.001	<0.001	0.0015 (J)	0.0029 (J)	<0.001	
1/16/2019	<0.025 (O)	<0.001				0.00061 (J)	<0.001	<0.001	<0.001
1/17/2019			0.00028 (J)	<0.001					
1/18/2019					<0.001				
1/21/2019									
3/25/2019	0.0019 (J)						<0.001		
3/26/2019		<0.001				<0.001		<0.001	<0.001
3/27/2019			0.00029 (J)	<0.001	<0.001				
7/30/2019									
8/26/2019	0.013 (J)								
8/27/2019		0.0011 (J)	0.00021 (J)	<0.001		0.0001 (J)	0.001 (J)		0.00051 (J)
8/28/2019					6.1E-05 (J)			<0.001	
10/7/2019									
10/8/2019	0.0098 (J)		0.00028 (J)			0.00013 (J)			<0.001
10/9/2019		0.00033 (J)		6.6E-05 (J)	<0.001		0.00041 (J)	0.00015 (J)	
4/6/2020	0.0024 (J)								
4/7/2020		0.00063 (J)	0.00036 (J)	8.1E-05 (J)			0.00073 (J)		<0.001
4/8/2020					0.00021 (J)	0.00017 (J)		8.4E-05 (J)	
8/17/2020				4.9E-05 (J)		7.6E-05 (J)			
8/18/2020			0.00035 (J)					0.00014 (J)	<0.001
8/19/2020	0.0044 (J)	0.00014 (J)			9.6E-05 (J)		0.00048 (J)		
9/28/2020	0.0043 (J)					6.4E-05 (J)			
9/29/2020			0.00032 (J)	3.7E-05 (J)					<0.001
9/30/2020		8E-05 (J)						6E-05 (J)	
10/1/2020					3.8E-05 (J)		0.00026 (J)		
3/10/2021		9.6E-05 (J)	0.00042 (J)	6.8E-05 (J)	0.00012 (J)		0.0003 (J)		
3/11/2021	0.0079							0.00019 (J)	
3/12/2021									
3/15/2021						0.00013 (J)			
3/16/2021									<0.001
9/21/2021	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001		
9/22/2021					<0.001			<0.001	<0.001
9/23/2021									

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-8 (bg)	GWC-15	GWC-16	GWC-1	GWC-2	GWB-5R	GWC-22	GWC-21	GWC-20
9/29/2000	<0.001	<0.001	<0.001	<0.001		0.017 (O)			
11/21/2000		<0.001	<0.001	<0.001	0.0069	<0.001			
1/20/2001	<0.001	<0.001	<0.001	<0.001	<0.001	0.011			
3/14/2001	<0.001	<0.001	<0.001	<0.001	<0.001	0.026 (O)			
7/16/2001	<0.001	<0.001	<0.001	<0.001	<0.001	0.043 (O)			
11/1/2001	<0.001	<0.001	<0.001	<0.001	<0.001	0.075 (O)			
4/25/2002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
11/20/2002	<0.001	<0.001	<0.001	<0.001	<0.001	0.057 (O)			
6/6/2003	0.016 (O)	<0.001	0.099 (O)	<0.001	<0.001	0.16 (O)			
12/12/2003	0.0095	0.0065	0.017 (O)	<0.001	<0.001	<0.001			
5/26/2004	<0.001	<0.001	<0.001	<0.001	<0.001	0.011			
12/7/2004	<0.001	<0.001	<0.001	<0.001	<0.001	0.038 (O)			
6/21/2005	<0.001	<0.001	<0.001	<0.001	<0.001	0.036 (O)			
12/12/2005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
4/4/2006	<0.001		<0.001						
6/27/2006	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
8/30/2006	<0.001		<0.001						
12/4/2006	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
2/15/2007	<0.001		<0.001						
6/23/2007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
9/11/2007	<0.001		<0.001						
12/11/2007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
3/11/2008	<0.001		<0.001						
6/23/2008	<0.001								
6/24/2008		<0.001	<0.001	<0.001	<0.001	<0.001			
11/3/2008	<0.001		<0.001						
12/4/2008	<0.001				<0.001				
12/5/2008		<0.001	<0.001	<0.001		<0.001			
3/25/2009	<0.001		<0.001						
7/7/2009	<0.001			<0.001		<0.001			
7/8/2009		<0.001	<0.001		<0.001				
9/14/2009	<0.001		<0.001						
12/20/2009	<0.001	<0.001	<0.001	<0.001	<0.001				
12/21/2009						<0.001			
3/4/2010	<0.001		<0.001						
6/20/2010	<0.001	<0.001		<0.001	<0.001	<0.001			
6/21/2010			<0.001				<0.001	<0.001	<0.001
9/14/2010	<0.001		<0.001						
1/6/2011				<0.001	<0.001	<0.001			
1/7/2011	<0.001	<0.001	<0.001				<0.001	<0.001	<0.001
4/15/2011	<0.001		<0.001						
7/7/2011	<0.001	<0.001	<0.001	<0.001		<0.001			<0.001
7/8/2011							<0.001	<0.001	<0.001
9/25/2011	<0.001		<0.001						
1/17/2012	<0.001	<0.001		<0.001	<0.001	<0.001			
1/18/2012			<0.001				<0.001	<0.001	<0.001
4/4/2012	<0.001		<0.001						
7/9/2012		<0.001		<0.001	<0.001	<0.001			
7/10/2012	<0.001		<0.001				<0.001	<0.001	<0.001
10/9/2012	<0.001		<0.001						
1/17/2013				<0.001	<0.001	<0.001			
1/18/2013	<0.001	<0.001	<0.001				<0.001	<0.001	<0.001

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-8 (bg)	GWC-15	GWC-16	GWC-1	GWC-2	GWB-5R	GWC-22	GWC-21	GWC-20
4/5/2013	<0.001		<0.001						
7/16/2013				<0.001		<0.001			
7/17/2013	<0.001	<0.001	<0.001		<0.001		<0.001	<0.001	<0.001
10/11/2013	<0.001		<0.001						
1/13/2014		<0.001		<0.001	<0.001	<0.001			
1/14/2014	<0.001		<0.001				<0.001	<0.001	<0.001
4/3/2014	<0.001		<0.001						
7/8/2014									
7/9/2014	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	
7/10/2014							<0.001		<0.001
10/24/2014	<0.001		<0.001						
1/12/2015									<0.001
1/13/2015		<0.001		<0.001	<0.001	<0.001			
1/14/2015	<0.001		<0.001				<0.001	<0.001	
5/10/2015	<0.001								
5/11/2015			<0.001						
7/16/2015		<0.001	<0.001	<0.001	<0.001	<0.001			
7/17/2015	<0.001							<0.001	
7/18/2015							<0.001		<0.001
10/6/2015	<0.001								
1/17/2016		<0.001	<0.001	<0.001	<0.001			<0.001	<0.001
1/18/2016	<0.001					<0.001	<0.001		
1/19/2016									
4/26/2016	<0.001		<0.001						
7/26/2016									
7/27/2016		<0.001		<0.001	<0.001	<0.001			
7/28/2016	<0.001		<0.001					<0.001	<0.001
7/29/2016							0.0004 (J)		
8/30/2016	<0.001			<0.001		<0.001			
8/31/2016					<0.001		0.0003 (J)		
9/1/2016		<0.001	<0.001					<0.001	<0.001
10/24/2016	<0.001								
10/25/2016		<0.001	0.0002 (J)	<0.001				<0.001	0.0001 (J)
10/26/2016					<0.001	0.0002 (J)	0.0003 (J)		
10/27/2016									
1/3/2017	0.0001 (J)					0.0001 (J)			
1/4/2017			0.0001 (J)	<0.001			0.0003 (J)	<0.001	<0.001
1/5/2017		<0.001			<0.001				
1/6/2017									
4/3/2017	0.0002 (J)	0.0003 (J)							
4/4/2017				<0.001	0.0002 (J)			9E-05 (J)	7E-05 (J)
4/5/2017			0.0002 (J)						
4/6/2017						0.0003 (J)	0.0003 (J)		
7/10/2017									
7/11/2017	0.0001 (J)	0.0001 (J)					0.0002 (J)		<0.001
7/12/2017			0.0001 (J)	<0.001		0.0002 (J)			
7/13/2017					0.0003 (J)			7E-05 (J)	
10/2/2017	0.0001 (J)	0.0002 (J)							<0.001
10/3/2017			0.0001 (J)	<0.001	<0.001	0.0002 (J)		0.0001 (J)	
10/4/2017							0.0008 (J)		
1/9/2018	0.0001 (J)	0.0002 (J)						9E-05 (J)	
1/10/2018			0.0002 (J)	0.0001 (J)	8E-05 (J)	0.0003 (J)			0.0002 (J)

Prediction Limit

Constituent: Lead (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-8 (bg)	GWC-15	GWC-16	GWC-1	GWC-2	GWB-5R	GWC-22	GWC-21	GWC-20
1/11/2018							0.0009 (J)		
7/9/2018	<0.001								<0.001
7/10/2018		<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	
7/11/2018							0.001 (J)		
1/16/2019	<0.001			<0.001		<0.001			
1/17/2019		<0.001	<0.001					<0.001	
1/18/2019							0.0012 (J)		
1/21/2019					<0.001				<0.001
3/25/2019	<0.001								<0.001
3/26/2019		<0.001	<0.001	<0.001		<0.001		<0.001	
3/27/2019							0.00047 (J)		
7/30/2019					0.0002 (J)				
8/26/2019	<0.001								
8/27/2019		0.00033 (J)		<0.001	<0.001		0.003 (J)		
8/28/2019			0.0001 (J)			0.0011 (J)		0.00018 (J)	6.5E-05 (J)
10/7/2019	<0.001								
10/8/2019		0.00012 (J)	0.0001 (J)					0.00016 (J)	
10/9/2019				<0.001	6.4E-05 (J)	0.0025 (J)	0.00032 (J)		0.00018 (J)
4/6/2020	0.0001 (J)								
4/7/2020		8.6E-05 (J)	0.00023 (J)	0.00012 (J)		0.0014 (J)	0.00067 (J)	<0.001	
4/8/2020					<0.001				<0.001
8/17/2020	<0.001								
8/18/2020		9E-05 (J)	0.00017 (J)		<0.001		0.00072 (J)	0.00027 (J)	<0.001
8/19/2020				<0.001		7.9E-05 (J)			
9/28/2020	<0.001			4.3E-05 (J)					
9/29/2020					<0.001				
9/30/2020		4.7E-05 (J)	9.1E-05 (J)			0.0012 (J)	0.00023 (J)	5.4E-05 (J)	<0.001
10/1/2020									
3/10/2021				0.0001 (J)		5.2E-05 (J)	0.00016 (J)		
3/11/2021									
3/12/2021	9.3E-05 (J)	5.3E-05 (J)							<0.001
3/15/2021					4.1E-05 (J)				
3/16/2021			7.3E-05 (J)					<0.001	
9/21/2021	<0.001					<0.001	<0.001		
9/22/2021			<0.001		<0.001			<0.001	<0.001
9/23/2021		<0.001		<0.001					

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWB-5R	GWB-6R	GWC-1	GWA-8 (bg)	GWC-11	GWC-12	GWC-14	GWC-15
9/29/2000	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
11/21/2000	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	0.052	<0.005
1/20/2001	<0.005	<0.005	<0.005	0.017	<0.005	<0.005	<0.005	0.053	<0.005
3/14/2001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.049	<0.005
7/16/2001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.038	<0.005
11/1/2001	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.022	<0.005
4/25/2002	<0.005	<0.005	<0.005	0.012	<0.005	<0.005	<0.005	0.1 (O)	<0.005
11/20/2002		0.0064	0.008	0.19 (O)	<0.005	<0.005	<0.005	0.018	0.0094
6/6/2003	<0.005	0.011	0.0066	0.32 (O)	<0.005	<0.005	<0.005	<0.005	0.021 (O)
12/12/2003	<0.005	<0.005	0.0056	0.013	<0.005	<0.005	<0.005	<0.005	0.016 (O)
5/26/2004	<0.005	0.007	0.0084	0.017	<0.005	<0.005	<0.005	0.023	<0.005
12/7/2004	<0.005	<0.005	<0.005	0.011	<0.005	<0.005	<0.005	0.019	<0.005
6/21/2005	<0.005	0.0063	0.0062	0.0088	<0.005	<0.005	<0.005	0.019	<0.005
12/12/2005	<0.005	<0.005	<0.005	0.011	<0.005	<0.005	<0.005	0.0095	<0.005
4/4/2006					<0.005			0.033	
6/27/2006	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
8/30/2006					<0.005			<0.005	
12/4/2006	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.032	<0.005
2/15/2007					<0.005			0.034	
6/23/2007	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/11/2007					<0.005			0.022	
12/11/2007	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.045	<0.005
3/11/2008					<0.005			0.02	
6/23/2008	<0.005				<0.005	<0.005	<0.005		
6/24/2008		<0.005	<0.005	<0.005				<0.005	<0.005
11/3/2008					<0.005			0.052	
12/4/2008	<0.005				<0.005	<0.005	<0.005	0.054	
12/5/2008		<0.005	<0.005	<0.005					<0.005
3/25/2009					<0.005			0.072	
7/7/2009	<0.005	<0.005	<0.005	<0.005	<0.005				
7/8/2009						<0.005	<0.005	0.021	<0.005
9/14/2009					<0.005			0.015	
12/20/2009	<0.005			<0.005	<0.005			0.072	<0.005
12/21/2009		<0.005	<0.005			<0.005	<0.005		
3/4/2010					<0.005			0.083	
6/20/2010	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.1	<0.005
6/21/2010									
9/14/2010					<0.005			0.085	
1/6/2011		<0.005		<0.005		<0.005			
1/7/2011	<0.005		<0.005		<0.005		<0.005	0.028	<0.005
4/15/2011					<0.005			<0.005	
7/7/2011	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
7/8/2011									
9/25/2011					<0.005			0.02	
1/17/2012	<0.005	<0.005		<0.005	<0.005	0.023	<0.005	0.016	<0.005
1/18/2012			<0.005						
4/4/2012					<0.005			0.0156	
7/9/2012	<0.005	<0.005		<0.005		0.016	<0.005	<0.005	0.066 (O)
7/10/2012			<0.005		<0.005				
10/9/2012					<0.005			0.0094	
1/17/2013		<0.005		<0.005		0.033	<0.005		
1/18/2013	0.009		<0.005		<0.005			0.0067	0.04 (O)

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWB-5R	GWB-6R	GWC-1	GWA-8 (bg)	GWC-11	GWC-12	GWC-14	GWC-15
4/5/2013					<0.005			0.0077	
7/16/2013		<0.005		0.012		0.0068	<0.005		
7/17/2013	0.011		<0.005		<0.005			0.01	<0.005
10/11/2013					<0.005			0.0087	
1/13/2014	0.012	<0.005		<0.005		0.036	<0.005		<0.005
1/14/2014			<0.005		<0.005			0.012	
4/3/2014					<0.005			0.022	
7/8/2014						0.017	<0.005		
7/9/2014	0.011	<0.005	<0.005	<0.005	<0.005			0.0089	<0.005
7/10/2014									
10/24/2014					<0.005			0.017	
1/12/2015									
1/13/2015	0.0092	<0.005		<0.005		0.027	<0.005		<0.005
1/14/2015			<0.005		<0.005			<0.005	
5/10/2015					<0.005			<0.005	
5/11/2015									
7/16/2015	0.014	<0.005		<0.005		<0.005	<0.005		<0.005
7/17/2015			<0.005		<0.005			<0.005	
7/18/2015									
10/6/2015					<0.005			<0.005	
1/17/2016				0.023				<0.005	<0.005
1/18/2016	0.023	<0.005	<0.005		<0.005		<0.005		
1/19/2016						0.023			
4/26/2016					<0.005			0.00428 (J)	
7/26/2016						0.0056 (J)			
7/27/2016	0.0323	<0.005		0.002 (J)			0.0025 (J)	0.0038 (J)	<0.005
7/28/2016			<0.005		0.001 (J)				
7/29/2016									
8/30/2016		<0.005	<0.005	0.002 (J)	<0.005				
8/31/2016						0.0084 (J)	0.0019 (J)		
9/1/2016	0.0438							0.0056 (J)	<0.005
10/24/2016					0.0013 (J)				
10/25/2016	0.031			0.0022 (J)				0.0023 (J)	<0.005
10/26/2016		<0.005	<0.005			0.0052 (J)	0.002 (J)		
10/27/2016									
1/3/2017		<0.005			<0.005				
1/4/2017				0.0016 (J)		0.0062 (J)	<0.005		
1/5/2017			0.0014 (J)					0.0038 (J)	<0.005
1/6/2017	0.0324								
4/3/2017					<0.005				<0.005
4/4/2017				0.0052 (J)				0.0064 (J)	
4/5/2017							<0.005		
4/6/2017	0.0188 (J)	<0.005	<0.005			0.0195			
7/10/2017							<0.005		
7/11/2017					<0.005	<0.005		0.0044 (J)	<0.005
7/12/2017		<0.005	<0.005	0.0024 (J)					
7/13/2017	0.0118								
10/2/2017					<0.005			0.004 (J)	<0.005
10/3/2017		<0.005	<0.005	<0.005		0.0079 (J)			
10/4/2017	0.0195						<0.005		
1/9/2018	<0.005		<0.005		<0.005			0.0019 (J)	0.0019 (J)
1/10/2018		<0.005		0.0018 (J)					

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWB-5R	GWB-6R	GWC-1	GWA-8 (bg)	GWC-11	GWC-12	GWC-14	GWC-15
1/11/2018						0.0054 (J)	<0.005		
7/9/2018					<0.005			0.0029 (J)	
7/10/2018		0.0018 (J)	0.0016 (J)	0.0026 (J)					0.0086 (J)
7/11/2018	<0.005					0.0022 (J)	<0.005		
1/16/2019	0.0071 (J)	<0.005	<0.005	0.0018 (J)	<0.005			0.0016 (J)	
1/17/2019						<0.005	<0.005		0.0029 (J)
1/18/2019									
1/21/2019									
3/25/2019	<0.005				<0.005				
3/26/2019		<0.005	0.05 (J)	0.0023 (J)				0.0022 (J)	0.0074 (J)
3/27/2019						0.01 (J)	<0.005		
7/30/2019									
8/26/2019	<0.005				<0.005				
8/27/2019			0.0033 (J)	0.0016 (J)		<0.005	<0.005	0.0035 (J)	0.0092 (J)
8/28/2019		0.0033 (J)							
10/7/2019					<0.005				
10/8/2019	0.0072 (J)					<0.005		0.0026 (J)	0.014
10/9/2019		0.0073 (J)	<0.005	0.0024 (J)			<0.005		
4/6/2020	0.0078 (J)				<0.005				
4/7/2020		<0.005	<0.005	0.0013 (J)		0.0021 (J)	<0.005	0.005 (J)	0.0029 (J)
4/8/2020									
8/17/2020					<0.005		<0.005		
8/18/2020						0.0028 (J)		0.0029 (J)	0.0022 (J)
8/19/2020	<0.005	<0.005	<0.005	0.002 (J)					
9/28/2020	0.01 (J)			<0.005	<0.005				
9/29/2020						0.0024 (J)	<0.005	0.0051 (J)	
9/30/2020		<0.005	0.0023 (J)						<0.005
10/1/2020									
3/10/2021		0.006	0.0049 (J)	0.0026 (J)		0.0044 (J)	0.003 (J)		
3/11/2021	<0.005								
3/12/2021					<0.005				0.0064
3/15/2021									
3/16/2021								0.0034 (J)	
9/21/2021	<0.005	<0.005	0.0016 (J)		<0.005	0.0038 (J)	<0.005		
9/22/2021								0.0034 (J)	
9/23/2021				0.0018 (J)					0.0016 (J)

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-16	GWC-17	GWB-4R	GWC-9	GWC-2	GWC-21	GWC-22	GWC-20
9/29/2000	<0.005	<0.005	<0.005	<0.005				
11/21/2000	<0.005	<0.005	<0.005	<0.005	<0.005			
1/20/2001	<0.005	<0.005	0.014 (O)	<0.005	<0.005			
3/14/2001	<0.005	<0.005	<0.005	<0.005	<0.005			
7/16/2001	<0.005	<0.005	0.015 (O)	<0.005	<0.005			
11/1/2001	<0.005	<0.005	0.012 (O)	<0.005	<0.005			
4/25/2002	<0.005	<0.005	0.01	<0.005	<0.005			
11/20/2002	<0.005	<0.005	0.026 (O)	<0.005	<0.005			
6/6/2003	0.021 (O)	<0.005	0.022 (O)	<0.005	<0.005			
12/12/2003	0.0078	<0.005	0.028 (O)	<0.005	<0.005			
5/26/2004	0.0053	<0.005	0.012 (O)	<0.005	0.005			
12/7/2004	<0.005	<0.005	0.0073	<0.005	<0.005			
6/21/2005	<0.005	<0.005	0.0087	0.0062	<0.005			
12/12/2005	<0.005	<0.005	0.013 (O)	<0.005	<0.005			
4/4/2006	<0.005							
6/27/2006	<0.005	<0.005	<0.005	<0.005	<0.005			
8/30/2006	<0.005							
12/4/2006	<0.005	<0.005	<0.005	<0.005	<0.005			
2/15/2007	<0.005							
6/23/2007	<0.005	<0.005	<0.005	<0.005	<0.005			
9/11/2007	<0.005							
12/11/2007	<0.005	<0.005	<0.005	<0.005	<0.005			
3/11/2008	<0.005							
6/23/2008				<0.005				
6/24/2008	<0.005	<0.005	<0.005		<0.005			
11/3/2008	<0.005							
12/4/2008				<0.005	<0.005			
12/5/2008	<0.005	<0.005	<0.005					
3/25/2009	<0.005							
7/7/2009			<0.005					
7/8/2009	<0.005	<0.005		<0.005	<0.005			
9/14/2009	<0.005							
12/20/2009	<0.005				<0.005			
12/21/2009		<0.005	<0.005	<0.005				
3/4/2010	<0.005							
6/20/2010				<0.005	<0.005			
6/21/2010	<0.005	<0.005	<0.005			0.048	<0.005	<0.005
9/14/2010	<0.005							
1/6/2011					<0.005			
1/7/2011	<0.005	<0.005	<0.005	<0.005		0.014	<0.005	<0.005
4/15/2011	<0.005							
7/7/2011	<0.005							<0.005
7/8/2011		<0.005	<0.005	<0.005		0.018	<0.005	<0.005
9/25/2011	<0.005							
1/17/2012					<0.005			
1/18/2012	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
4/4/2012	<0.005							
7/9/2012					<0.005			
7/10/2012	<0.005	<0.005	<0.005	<0.005		0.02	<0.005	<0.005
10/9/2012	<0.005							
1/17/2013					<0.005			
1/18/2013	<0.005	<0.005	<0.005	<0.005		0.015	<0.005	0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-16	GWC-17	GWB-4R	GWC-9	GWC-2	GWC-21	GWC-22	GWC-20
4/5/2013	<0.005							
7/16/2013								
7/17/2013	<0.005	<0.005	<0.005	<0.005	<0.005	0.037	<0.005	<0.005
10/11/2013	0.0069							
1/13/2014					<0.005			
1/14/2014	<0.005	<0.005	<0.005	<0.005		0.043	<0.005	<0.005
4/3/2014	<0.005							
7/8/2014								
7/9/2014	0.005	<0.005	<0.005	<0.005	<0.005	0.023		
7/10/2014							<0.005	<0.005
10/24/2014	<0.005							
1/12/2015			<0.005					<0.005
1/13/2015					<0.005			
1/14/2015	<0.005	<0.005		<0.005		0.022	<0.005	
5/10/2015								
5/11/2015	<0.005							
7/16/2015	<0.005		<0.005		<0.005			
7/17/2015				<0.005		0.033		
7/18/2015		<0.005					<0.005	<0.005
10/6/2015	0.0073							
1/17/2016	0.0031 (J)				<0.005	0.021		<0.005
1/18/2016		<0.005	<0.005	<0.005			<0.005	
1/19/2016								
4/26/2016	0.00497 (J)							
7/26/2016								
7/27/2016					0.002 (J)			
7/28/2016	0.0076 (J)			<0.005		0.0341		<0.005
7/29/2016		0.0011 (J)	0.0036 (J)				0.0022 (J)	
8/30/2016								
8/31/2016				<0.005	<0.005		0.0014 (J)	
9/1/2016	0.0052 (J)	0.0012 (J)	0.0067 (J)			0.0297		<0.005
10/24/2016								
10/25/2016	0.0085 (J)					0.0095 (J)		0.0014 (J)
10/26/2016		0.0013 (J)	0.0042 (J)		0.0035 (J)		0.001 (J)	
10/27/2016				<0.005				
1/3/2017								
1/4/2017	0.0048 (J)					0.022	<0.005	0.0014 (J)
1/5/2017		0.0012 (J)			<0.005			
1/6/2017			0.0042 (J)	<0.005				
4/3/2017								
4/4/2017			0.0043 (J)		<0.005	0.0236		<0.005
4/5/2017	0.0068 (J)	<0.005						
4/6/2017				<0.005			<0.005	
7/10/2017								
7/11/2017							<0.005	<0.005
7/12/2017	0.0048 (J)		0.0033 (J)	<0.005				
7/13/2017		0.0018 (J)			<0.005	0.013		
10/2/2017								<0.005
10/3/2017	0.0051 (J)				<0.005	0.01 (J)		
10/4/2017		0.0042 (J)	0.0038 (J)	<0.005			0.0023 (J)	
1/9/2018						0.0162		
1/10/2018	0.0018 (J)				<0.005			<0.005

Prediction Limit

Constituent: Selenium (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-16	GWC-17	GWB-4R	GWC-9	GWC-2	GWC-21	GWC-22	GWC-20
1/11/2018		<0.005	0.0029 (J)	<0.005			<0.005	
7/9/2018								<0.005
7/10/2018	0.0045 (J)				<0.005	0.016		
7/11/2018		0.0016 (J)	0.0015 (J)	<0.005			<0.005	
1/16/2019		<0.005	<0.005					
1/17/2019	0.0031 (J)					0.011		
1/18/2019				<0.005			<0.005	
1/21/2019					<0.005			0.0014 (J)
3/25/2019			<0.005					<0.005
3/26/2019	0.0033 (J)	<0.005				0.022		
3/27/2019				<0.005			<0.005	
7/30/2019					<0.005			
8/26/2019								
8/27/2019			<0.005		<0.005		<0.005	
8/28/2019	0.004 (J)	<0.005		<0.005		0.019		0.0014 (J)
10/7/2019								
10/8/2019	0.0023 (J)					0.019		
10/9/2019		<0.005	<0.005	<0.005	<0.005		<0.005	<0.005
4/6/2020								
4/7/2020	<0.005		0.0025 (J)			0.012	<0.005	
4/8/2020		<0.005		<0.005	<0.005			0.0013 (J)
8/17/2020								
8/18/2020	0.0058 (J)	0.002 (J)			<0.005	0.013	<0.005	<0.005
8/19/2020			<0.005	<0.005				
9/28/2020								
9/29/2020					<0.005			
9/30/2020	0.0037 (J)	<0.005				0.0061 (J)	<0.005	<0.005
10/1/2020			<0.005	<0.005				
3/10/2021			0.0021 (J)	<0.005			<0.005	
3/11/2021		0.0016 (J)						
3/12/2021								<0.005
3/15/2021					<0.005			
3/16/2021	0.0044 (J)					0.0055		
9/21/2021			<0.005				<0.005	
9/22/2021	0.0031 (J)	<0.005		<0.005	<0.005	0.0027 (J)		0.0024 (J)
9/23/2021								

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWC-9	GWC-16	GWC-12	GWC-11	GWB-4R	GWC-13	GWA-8 (bg)	GWC-17
9/29/2000	<0.01	<0.01	<0.01	<0.01	<0.01	0.06	<0.01	<0.01	<0.01
11/21/2000	<0.01	<0.01	<0.01	<0.01	<0.01	0.068	<0.01		<0.01
1/20/2001	<0.01	<0.01	<0.01	<0.01	<0.01	0.12	<0.01	<0.01	<0.01
3/14/2001	<0.01	<0.01	<0.01	<0.01	<0.01	0.08	<0.01	<0.01	<0.01
7/16/2001	<0.01	<0.01	<0.01	<0.01	<0.01	0.11	<0.01	<0.01	<0.01
11/1/2001	<0.01	<0.01	<0.01	<0.01	<0.01	0.079	<0.01	<0.01	<0.01
4/25/2002	<0.01	<0.01	<0.01	<0.01	<0.01	0.11	<0.01	<0.01	<0.01
11/20/2002		0.014	0.0069	<0.01	0.0071	0.15	<0.01	<0.01	<0.01
6/6/2003	0.047	<0.01	0.082 (O)	<0.01	0.0098	0.12	0.0063	0.017	<0.01
12/12/2003	0.0086	<0.01	0.012	<0.01	0.0074	0.13	<0.01	0.011	<0.01
5/26/2004	<0.01	<0.01	<0.01	<0.01	<0.01	0.095	<0.01	<0.01	<0.01
12/7/2004	<0.01	<0.01	<0.01	<0.01	<0.01	0.067	<0.01	<0.01	<0.01
6/21/2005	<0.01	<0.01	<0.01	<0.01	<0.01	0.062	<0.01	<0.01	<0.01
12/12/2005	<0.01	<0.01	<0.01	<0.01	<0.01	0.09	<0.01	<0.01	<0.01
4/4/2006			<0.01					<0.01	
6/27/2006	<0.01	<0.01	<0.01	<0.01	<0.01	0.083	<0.01	<0.01	0.0025
8/30/2006			<0.01					<0.01	
12/4/2006	0.0027	<0.01	0.0031	<0.01	<0.01	0.084	<0.01	<0.01	<0.01
2/15/2007			0.0025					<0.01	
6/23/2007	0.0027	<0.01	0.0032	<0.01	0.0036	0.081	<0.01	<0.01	<0.01
9/11/2007			<0.01					<0.01	
12/11/2007	0.0033	<0.01	<0.01	<0.01	<0.01	0.067	<0.01	<0.01	<0.01
3/11/2008			<0.01					<0.01	
6/23/2008	0.0074	<0.01		<0.01	<0.01		<0.01	<0.01	
6/24/2008			<0.01			0.059			<0.01
11/3/2008			0.0032					<0.01	
12/4/2008	0.0084	<0.01		<0.01	<0.01		<0.01	<0.01	
12/5/2008			<0.01			0.054			<0.01
3/25/2009			<0.01					<0.01	
7/7/2009	0.023					0.038		<0.01	
7/8/2009		0.0029	0.0036	<0.01	0.0026		<0.01		<0.01
9/14/2009			0.0026					<0.01	
12/20/2009	0.007		0.0031					<0.01	
12/21/2009		<0.01		<0.01	<0.01	0.06	<0.01		<0.01
3/4/2010			<0.01					<0.01	
6/20/2010	0.0047	<0.01		<0.01	<0.01		<0.01	<0.01	
6/21/2010			0.0025			0.036			<0.01
9/14/2010			0.0035					<0.01	
1/6/2011					0.003		0.0028		
1/7/2011	0.018	<0.01	0.0036	<0.01		0.043		<0.01	<0.01
4/15/2011			<0.01					<0.01	
7/7/2011	0.019		0.003	<0.01	0.004		<0.01	<0.01	
7/8/2011		<0.01				0.044			0.0031
9/25/2011			0.0037					<0.01	
1/17/2012	0.0298			<0.01	<0.01		<0.01	<0.01	
1/18/2012		<0.01	<0.01			0.045			<0.01
4/4/2012			<0.01					<0.01	
7/9/2012	0.14			<0.01	0.005		<0.01		
7/10/2012		<0.01	0.0026			0.048		<0.01	<0.01
10/9/2012			0.007					<0.01	
1/17/2013				<0.01	0.005		<0.01		
1/18/2013	0.21	<0.01	<0.01			0.049		<0.01	<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWC-9	GWC-16	GWC-12	GWC-11	GWB-4R	GWC-13	GWA-8 (bg)	GWC-17
4/5/2013			<0.01					<0.01	
7/16/2013				<0.01	<0.01		<0.01		
7/17/2013	0.18	<0.01	<0.01			0.05		<0.01	<0.01
10/11/2013			<0.01					<0.01	
1/13/2014	0.24			<0.01	<0.01		<0.01		
1/14/2014		<0.01	<0.01			0.067		<0.01	<0.01
4/3/2014			0.0032 (J)					0.0015 (J)	
7/8/2014				0.0034 (J)	0.0024 (J)		0.002 (J)		
7/9/2014	0.22	0.0016 (J)	0.0031 (J)			0.055		0.0012 (J)	0.0012 (J)
7/10/2014									
10/24/2014			0.0028 (J)					<0.01	
1/12/2015						0.066			
1/13/2015	0.19			<0.01	0.0023 (J)		0.0015 (J)		
1/14/2015		<0.01	0.0034 (J)					<0.01	0.002 (J)
5/10/2015								<0.01	
5/11/2015			0.0026 (J)						
7/16/2015	0.23		0.0028 (J)	0.0049 (J)	0.002 (J)	0.045	<0.01		
7/17/2015		0.0029 (J)						<0.01	
7/18/2015									<0.01
10/6/2015			0.0016 (J)					0.0012 (J)	
1/17/2016			0.0029 (J)						
1/18/2016	0.41	<0.01		0.0058		0.049	0.0011 (J)	0.00079 (J)	0.0019 (J)
1/19/2016					0.0025 (J)				
4/26/2016			0.00296 (J)					<0.01	
7/26/2016					0.0027 (J)		<0.01		
7/27/2016	0.397			0.0058 (J)					
7/28/2016		<0.01	0.0026 (J)					<0.01	
7/29/2016						0.0388			0.0031 (J)
10/24/2016								<0.01	
10/25/2016	0.425		<0.01						
1/3/2017								<0.01	
1/4/2017			<0.01	<0.01	<0.01				
1/5/2017							<0.01		<0.01
1/6/2017	0.41	<0.01				0.0341			
4/3/2017								<0.01	
4/4/2017						0.0371			
4/5/2017			0.0033 (J)	0.0039 (J)					0.0029 (J)
4/6/2017	0.297	<0.01			0.0025 (J)		<0.01		
7/10/2017				0.0062 (J)					
7/11/2017					0.0027 (J)			<0.01	
7/12/2017		0.0013 (J)	0.0037 (J)			0.0399	0.0016 (J)		
7/13/2017	0.194								0.0037 (J)
10/2/2017								<0.01	
10/3/2017			0.0036 (J)						
10/4/2017	0.316								
1/9/2018	0.194							0.0014 (J)	
1/10/2018			0.0029 (J)				0.0019 (J)		
1/11/2018		<0.01		0.0025 (J)	0.0019 (J)	0.0327			0.0026 (J)
7/9/2018								<0.01	
7/10/2018			0.0025 (J)						
7/11/2018	0.15	<0.01		0.0059 (J)	0.0021 (J)	0.02	0.0097 (J)		0.0032 (J)
1/16/2019	0.16					0.0022 (J)	<0.01	<0.01	<0.01

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWC-9	GWC-16	GWC-12	GWC-11	GWB-4R	GWC-13	GWA-8 (bg)	GWC-17
1/17/2019			0.0021 (J)	<0.01	0.0021 (J)				
1/18/2019		<0.01							
1/21/2019									
3/25/2019	0.18					0.004 (J)		<0.01	
3/26/2019			0.0038 (J)				0.0029 (J)		0.0024 (J)
3/27/2019		<0.01		0.0049 (J)	0.0023 (J)				
7/30/2019									
10/7/2019								<0.01	
10/8/2019	0.11		<0.01		<0.01		<0.01		
10/9/2019		<0.01		0.0021 (J)		<0.01			<0.01
4/6/2020	0.12							<0.01	
4/7/2020			<0.01	0.0024 (J)	<0.01	0.0037 (J)			
4/8/2020		0.0015 (J)					<0.01		<0.01
9/28/2020	0.1						<0.01	<0.01	
9/29/2020				0.0046 (J)	0.0023 (J)				
9/30/2020			0.0028 (J)						<0.01
10/1/2020		<0.01				0.0047 (J)			
3/10/2021		<0.01		0.0055 (J)	0.0023 (J)	0.0054 (J)			
3/11/2021	0.14								<0.01
3/12/2021								<0.01	
3/15/2021							<0.01		
3/16/2021			0.0034 (J)						
9/21/2021	0.096			0.0051 (J)	0.002 (J)	0.0027 (J)	<0.01	<0.01	
9/22/2021		<0.01	0.0025 (J)						<0.01
9/23/2021									

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-15	GWC-14	GWB-6R	GWC-1	GWB-5R	GWC-2	GWC-21	GWC-22	GWC-20
9/29/2000	<0.01	<0.01	0.12	<0.01	0.038				
11/21/2000	<0.01	<0.01	0.13	<0.01	0.013	<0.01			
1/20/2001	<0.01	<0.01	0.14	<0.01	0.038	<0.01			
3/14/2001	<0.01	<0.01	0.13	<0.01	0.077 (O)	<0.01			
7/16/2001	<0.01	<0.01	0.18	<0.01	0.12 (O)	<0.01			
11/1/2001	<0.01	<0.01	0.12	<0.01	0.21 (O)	<0.01			
4/25/2002	<0.01	<0.01	0.15	<0.01	0.086 (O)	<0.01			
11/20/2002	0.0099	0.03	0.15	0.0069	0.14 (O)	<0.01			
6/6/2003	0.019 (O)	0.0065	0.11	0.16 (O)	0.12 (O)	<0.01			
12/12/2003	0.018 (O)	0.0052	0.089	<0.01	0.014	<0.01			
5/26/2004	<0.01	<0.01	0.09	<0.01	0.06 (O)	<0.01			
12/7/2004	<0.01	0.0074	0.072	<0.01	0.054	<0.01			
6/21/2005	<0.01	0.01	0.04	<0.01	0.038	<0.01			
12/12/2005	<0.01	<0.01	0.021	<0.01	0.0056	<0.01			
4/4/2006		0.013							
6/27/2006	<0.01	<0.01	0.02	0.0029	0.0043	<0.01			
8/30/2006		0.0039							
12/4/2006	<0.01	0.016	0.022	0.0047	0.0044	<0.01			
2/15/2007		0.017							
6/23/2007	<0.01	0.0076	0.027	0.0029	0.0039	<0.01			
9/11/2007		0.012							
12/11/2007	<0.01	0.017	0.017	<0.01	0.0029	<0.01			
3/11/2008		0.012							
6/23/2008									
6/24/2008	<0.01	0.0069	0.053	<0.01	0.003	<0.01			
11/3/2008		0.016							
12/4/2008		0.013				<0.01			
12/5/2008	<0.01		0.0078	<0.01	<0.01				
3/25/2009		0.014							
7/7/2009			0.012	<0.01	<0.01				
7/8/2009	<0.01	0.014				<0.01			
9/14/2009		0.0072							
12/20/2009	<0.01	0.02		<0.01		<0.01			
12/21/2009			0.011		<0.01				
3/4/2010		0.023							
6/20/2010	<0.01	0.017	0.0083	0.0037	<0.01	<0.01			
6/21/2010							<0.01	<0.01	<0.01
9/14/2010		0.018							
1/6/2011				<0.01	0.0067	<0.01			
1/7/2011	<0.01	0.019	0.0079				0.0031	<0.01	0.0029
4/15/2011		0.019							
7/7/2011	0.0036	0.014	0.007	0.0045	0.019				<0.01
7/8/2011							0.0048	<0.01	0.0046
9/25/2011		0.015							
1/17/2012	<0.01	0.021		<0.01	0.021	<0.01			
1/18/2012			0.0116				<0.01	<0.01	<0.01
4/4/2012		0.0191							
7/9/2012	0.0059	0.026		0.0026	0.032	<0.01			
7/10/2012			0.0096				<0.01	<0.01	0.0081
10/9/2012		0.049							
1/17/2013				<0.01	0.034	<0.01			
1/18/2013	<0.01	0.036	<0.01				<0.01	<0.01	0.0063

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-15	GWC-14	GWB-6R	GWC-1	GWB-5R	GWC-2	GWC-21	GWC-22	GWC-20
4/5/2013		0.04							
7/16/2013				<0.01	0.021				
7/17/2013	<0.01	0.062	<0.01			<0.01	<0.01	<0.01	<0.01
10/11/2013		0.032							
1/13/2014	<0.01			<0.01	0.008	<0.01			
1/14/2014		0.044	<0.01				0.006	<0.01	<0.01
4/3/2014		0.077 (O)							
7/8/2014									
7/9/2014	0.0012 (J)	0.032	0.0039 (J)	0.0041 (J)	0.0052	<0.01	0.0019 (J)		
7/10/2014								0.0053	0.0026 (J)
10/24/2014		0.045							
1/12/2015									0.0031 (J)
1/13/2015	0.0013 (J)			0.0029 (J)	0.0036 (J)	<0.01			
1/14/2015		0.031	0.005				0.0037 (J)	0.0013 (J)	
5/10/2015		0.013							
5/11/2015									
7/16/2015	<0.01			0.0034 (J)	0.004 (J)	<0.01			
7/17/2015		0.028	0.0045 (J)				0.0028 (J)		
7/18/2015								0.0043 (J)	0.003 (J)
10/6/2015		0.02							
1/17/2016	0.0013 (J)	0.028		0.0046 (J)		<0.01	0.0039 (J)		0.0025 (J)
1/18/2016			0.0044 (J)		0.0069			<0.01	
1/19/2016									
4/26/2016		0.0181							
7/26/2016									
7/27/2016	<0.01	0.0189		0.0064 (J)	0.0046 (J)	<0.01			
7/28/2016			0.0038 (J)				0.0022 (J)		0.0024 (J)
7/29/2016								0.0052 (J)	
10/24/2016									
10/25/2016	<0.01	0.0206							<0.01
1/3/2017					<0.01				
1/4/2017				<0.01			<0.01	<0.01	<0.01
1/5/2017	<0.01	0.0172	0.0077 (J)			<0.01			
1/6/2017									
4/3/2017	0.002 (J)								
4/4/2017		0.0235		0.0061 (J)		<0.01	0.003 (J)		0.0024 (J)
4/5/2017									
4/6/2017			0.0069 (J)		0.0063 (J)			<0.01	
7/10/2017									
7/11/2017	0.0022 (J)	0.0136						0.0016 (J)	0.003 (J)
7/12/2017			0.0098 (J)	0.0067 (J)	0.0064 (J)				
7/13/2017						<0.01	0.0019 (J)		
10/2/2017	0.0022 (J)	0.0175							0.0028 (J)
10/3/2017									
10/4/2017									
1/9/2018	0.0021 (J)	0.0103	0.0086 (J)				0.0046 (J)		
1/10/2018				0.0056 (J)	0.0077 (J)	<0.01			0.0026 (J)
1/11/2018								0.0012 (J)	
7/9/2018		0.0078 (J)							<0.01
7/10/2018	0.0025 (J)		0.0098 (J)	0.0056 (J)	0.016	<0.01	0.0031 (J)		
7/11/2018								0.0025 (J)	
1/16/2019		0.0043 (J)	0.077	0.0043 (J)	0.0033 (J)				

Prediction Limit

Constituent: Vanadium (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-15	GWC-14	GWB-6R	GWC-1	GWB-5R	GWC-2	GWC-21	GWC-22	GWC-20
1/17/2019	<0.01						0.0022 (J)		
1/18/2019								<0.01	
1/21/2019						0.0024 (J)			0.0031 (J)
3/25/2019									0.0024 (J)
3/26/2019	0.0026 (J)	0.0063 (J)	0.086	0.0051 (J)	0.0058 (J)		0.0041 (J)		
3/27/2019								0.002 (J)	
7/30/2019						<0.01			
10/7/2019									
10/8/2019	<0.01	<0.01					<0.01		
10/9/2019			0.018 (J)	<0.01	0.033 (J)	<0.01		<0.01	<0.01
4/6/2020									
4/7/2020	<0.01	0.0026 (J)	0.041 (J)	0.0015 (J)	0.0053 (J)		<0.01	0.0014 (J)	
4/8/2020						<0.01			<0.01
9/28/2020				0.0042 (J)					
9/29/2020		<0.01				<0.01			
9/30/2020	0.0028 (J)		0.018		0.0037 (J)		0.0029 (J)	<0.01	0.0029 (J)
10/1/2020									
3/10/2021			0.027	0.005 (J)	0.0026 (J)			<0.01	
3/11/2021									
3/12/2021	0.0037 (J)								0.0038 (J)
3/15/2021						<0.01			
3/16/2021		<0.01					0.003 (J)		
9/21/2021			0.015		0.0039 (J)			<0.01	
9/22/2021		0.0052 (J)				<0.01	<0.01		0.0033 (J)
9/23/2021	0.0022 (J)			0.0042 (J)					

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWC-14	GWC-11	GWC-1	GWC-15	GWC-16	GWC-17	GWB-4R	GWA-8 (bg)
9/29/2000	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
11/21/2000	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
1/20/2001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.041	0.025
3/14/2001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
7/16/2001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.059	<0.01
11/1/2001	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
4/25/2002	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
11/20/2002		<0.01	<0.01	<0.01	<0.01	<0.01	0.014	0.061	0.016
6/6/2003	0.69 (O)	<0.01	<0.01	0.011	<0.01	0.035 (O)	0.012	0.041	0.032
12/12/2003	0.12	<0.01	0.013	<0.01	<0.01	<0.01	<0.01	0.012	0.019
5/26/2004	0.013	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.016	<0.01
12/7/2004	<0.01	<0.01	0.028 (O)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
6/21/2005	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
12/12/2005	0.014	0.011	<0.01	<0.01	0.064 (O)	<0.01	<0.01	0.017	0.01
4/4/2006		<0.01				<0.01			<0.01
6/27/2006	0.01	0.0045	0.0028	<0.01	0.011	0.077 (O)	0.0046	0.11	0.0043
8/30/2006		<0.01				0.0027			0.017
12/4/2006	0.0065	<0.01	0.0028	<0.01	0.0033	<0.01	0.0071	0.086	0.0053
2/15/2007		<0.01				0.0032			0.0045
6/23/2007	0.0049	<0.01	0.0063	<0.01	0.0029	0.0058	0.005	0.076	0.0043
9/11/2007		<0.01				0.0033			0.004
12/11/2007	0.0043	<0.01	<0.01	<0.01	<0.01	<0.01	0.0033	0.087	0.0048
3/11/2008		<0.01				<0.01			0.0043
6/23/2008	0.0025		<0.01						0.0037
6/24/2008		<0.01		<0.01	<0.01	<0.01	0.0037	0.062	
11/3/2008		<0.01				0.0025			0.0032
12/4/2008	0.0025	<0.01	<0.01						0.0029
12/5/2008				<0.01	<0.01	<0.01	0.0027	0.014	
3/25/2009		<0.01				0.0025			0.0055
7/7/2009	<0.01			<0.01				0.052	0.0028
7/8/2009		<0.01	<0.01		<0.01	<0.01	0.0048		
9/14/2009		<0.01				<0.01			0.0027
12/20/2009	0.0031	<0.01		<0.01	<0.01	<0.01			0.0029
12/21/2009			<0.01				0.0032	0.046	
3/4/2010		<0.01				<0.01			0.0042
6/20/2010	<0.01	<0.01	<0.01	<0.01	<0.01				0.0027
6/21/2010						<0.01	0.0028	0.045	
9/14/2010		<0.01				<0.01			<0.01
1/6/2011			<0.01	<0.01					
1/7/2011	<0.01	<0.01			<0.01	<0.01	0.003	0.024	0.0032
4/15/2011		<0.01				<0.01			<0.01
7/7/2011	0.0031	<0.01	<0.01	0.0025	<0.01	<0.01			0.005
7/8/2011							0.0034	0.023	
9/25/2011		<0.01				0.0028			0.0041
1/17/2012	0.004	<0.01	0.0043	<0.01	<0.01				0.0043
1/18/2012						0.0029	0.0049	0.011	
4/4/2012		<0.01				<0.01			<0.01
7/9/2012	0.0096	<0.01	<0.01	<0.01	<0.01				
7/10/2012						<0.01	0.0039	0.024	0.0028
10/9/2012		<0.01				0.0027			0.0033
1/17/2013			0.0025	<0.01					
1/18/2013	0.051	<0.01			<0.01	<0.01	0.0043	0.011	0.0038

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWC-14	GWC-11	GWC-1	GWC-15	GWC-16	GWC-17	GWB-4R	GWA-8 (bg)
4/5/2013		<0.01				<0.01			0.0026
7/16/2013			<0.01	<0.01					
7/17/2013	0.042	<0.01			<0.01	<0.01	0.0035	0.0029	<0.01
10/11/2013		<0.01				<0.01			0.0046
1/13/2014	0.0025		0.0025	0.0025	0.0025				
1/14/2014		0.0025				0.0025	0.0025	0.0025	0.0025
4/3/2014		0.0014 (J)				0.0015 (J)			0.0029
7/8/2014			0.0011 (J)						
7/9/2014	0.064	0.00086 (J)		<0.01	<0.01	0.0012 (J)	0.0033	0.0051	0.002 (J)
7/10/2014									
10/24/2014		0.00083 (J)				0.0013 (J)			0.0031
1/12/2015								0.0023 (J)	
1/13/2015	0.066		0.0021 (J)	0.0025	<0.01				
1/14/2015		<0.01				0.0017 (J)	0.0067		0.003
5/10/2015		<0.01							0.0028
5/11/2015						0.0015 (J)			
7/16/2015	0.036		<0.01	<0.01	<0.01	<0.01		0.0021 (J)	
7/17/2015		<0.01							0.0018 (J)
7/18/2015							<0.01		
10/6/2015		<0.01				<0.01			0.0018 (J)
1/17/2016		<0.01		<0.01	<0.01	<0.01			
1/18/2016	0.035						0.012	0.0092	0.0028
1/19/2016			0.0029						
4/26/2016		<0.01				<0.01			<0.01
7/26/2016			<0.01						
7/27/2016	0.0529	<0.01		<0.01	<0.01				
7/28/2016						<0.01			0.0018 (J)
7/29/2016							0.0086 (J)	0.003 (J)	
10/24/2016									0.0024 (J)
10/25/2016	0.0035 (J)	<0.01			<0.01	<0.01			
1/3/2017									0.0035 (J)
1/4/2017			<0.01	<0.01		0.0025 (J)			
1/5/2017		<0.01			<0.01		0.016		
1/6/2017	0.0235							0.0104	
4/3/2017					<0.01				0.0041 (J)
4/4/2017		<0.01		<0.01				0.0132	
4/5/2017						0.0025 (J)	0.0175		
4/6/2017	0.0829		0.004 (J)						
7/10/2017									
7/11/2017		<0.01	<0.01		<0.01				0.0029 (J)
7/12/2017				<0.01		0.002 (J)		0.0046 (J)	
7/13/2017	0.0853						0.0126		
10/2/2017		0.0026 (J)			<0.01				0.0026 (J)
10/3/2017						<0.01			
10/4/2017	0.0263								
1/9/2018	0.0665	0.0018 (J)			<0.01				0.0035 (J)
1/10/2018				0.0014 (J)		0.0016 (J)			
1/11/2018			0.0018 (J)				0.012	0.0095 (J)	
7/9/2018		<0.01							0.0022 (J)
7/10/2018				0.0021 (J)	<0.01	0.0031 (J)			
7/11/2018	0.02 (J)		<0.01				0.011	0.0028 (J)	
1/16/2019	0.014 (J)	<0.01		<0.01			0.0094 (J)	0.0052 (J)	0.0037 (J)

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWC-14	GWC-11	GWC-1	GWC-15	GWC-16	GWC-17	GWB-4R	GWA-8 (bg)
1/17/2019			<0.01		<0.01	<0.01			
1/18/2019									
1/21/2019									
3/25/2019	<0.05 (O)							0.0078 (J)	<0.01
3/26/2019		<0.01		<0.01	<0.01	<0.01	0.0057 (J)		
3/27/2019			<0.01						
7/30/2019									
10/7/2019									0.0077 (J)
10/8/2019	0.095	0.0052 (J)	0.0061 (J)		0.0051 (J)	0.01			
10/9/2019				0.0057 (J)			0.011	0.0064 (J)	
4/6/2020	<0.01								<0.01
4/7/2020		<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	
4/8/2020							<0.01		
9/28/2020	0.16			0.0092 (J)					0.0092 (J)
9/29/2020		<0.01	0.0031 (J)						
9/30/2020					0.032	0.0051 (J)	0.0043 (J)		
10/1/2020								0.0064 (J)	
3/10/2021			<0.01	<0.01				<0.01	
3/11/2021	0.054						0.0056 (J)		
3/12/2021					<0.01				0.0028 (J)
3/15/2021									
3/16/2021		<0.01				<0.01			
9/21/2021	<0.01		<0.01					<0.01	<0.01
9/22/2021		0.01				<0.01	<0.01		
9/23/2021				<0.01	<0.01				

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-9	GWC-13	GWB-5R	GWC-2	GWC-12	GWB-6R	GWC-22	GWC-20	GWC-21
9/29/2000	<0.01	<0.01	0.026 (O)		0.38 (O)	<0.02 (O)			
11/21/2000	<0.01	<0.01	<0.01	0.021 (O)	0.077 (O)	0.024 (O)			
1/20/2001	<0.01	<0.01	0.031 (O)	<0.01	0.23 (O)	<0.02 (O)			
3/14/2001	<0.01	<0.01	0.063 (O)	<0.01	0.24 (O)	<0.02 (O)			
7/16/2001	<0.01	<0.01	0.08 (O)	<0.01	0.053 (O)	<0.02 (O)			
11/1/2001	<0.01	0.044 (O)	0.16 (O)	<0.01	0.022 (O)	<0.02 (O)			
4/25/2002	<0.01	<0.01	<0.01	<0.01	1.2 (O)	<0.02 (O)			
11/20/2002	0.033 (O)	0.023	0.14 (O)	<0.01	0.045 (O)	0.028 (O)			
6/6/2003	<0.01	<0.01	0.51 (O)	<0.01	0.042 (O)	0.032 (O)			
12/12/2003	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01 (O)			
5/26/2004	<0.01	0.035	0.036 (O)	<0.01	<0.01	<0.01 (O)			
12/7/2004	<0.01	0.018	0.069 (O)	<0.01	<0.01	0.012 (O)			
6/21/2005	<0.01	0.014	0.076 (O)	<0.01	<0.01	<0.01 (O)			
12/12/2005	0.032 (O)	0.023	<0.01	0.012	<0.01	<0.01 (O)			
4/4/2006									
6/27/2006	0.018 (O)	0.023	0.01	<0.01	0.012 (O)	0.0071			
8/30/2006									
12/4/2006	0.0044	0.046 (O)	0.0035	<0.01	0.0067	0.0096			
2/15/2007									
6/23/2007	0.0041	0.036	0.0032	<0.01	0.025 (O)	0.094 (O)			
9/11/2007									
12/11/2007	0.0039	0.011	0.0079	<0.01	0.0038	0.042 (O)			
3/11/2008									
6/23/2008	<0.01	0.0091			0.0051				
6/24/2008			<0.01	<0.01		0.098 (O)			
11/3/2008									
12/4/2008	0.0039	0.0038		<0.01	<0.01				
12/5/2008			<0.01			0.047 (O)			
3/25/2009									
7/7/2009			<0.01			0.024 (O)			
7/8/2009	<0.01	<0.01		<0.01	<0.01				
9/14/2009									
12/20/2009				<0.01					
12/21/2009	0.004	0.0032	<0.01		0.013 (O)	0.049 (O)			
3/4/2010									
6/20/2010	<0.01	<0.01	<0.01	<0.01	<0.01	0.045 (O)			
6/21/2010							<0.01	<0.01	0.04 (O)
9/14/2010									
1/6/2011		0.004	<0.01	<0.01					
1/7/2011	0.0032				0.004	0.0044	0.019	<0.01	<0.01
4/15/2011									
7/7/2011		0.0037	0.0027		0.0028	0.003		<0.01	
7/8/2011	0.0025						0.1 (O)	0.086 (JO)	0.0044
9/25/2011									
1/17/2012		0.0031	0.0039	<0.01	0.0043				
1/18/2012	0.0045					0.0048	0.0051	<0.01	<0.01
4/4/2012									
7/9/2012		0.003	<0.01	<0.01	<0.01				
7/10/2012	<0.01					<0.01	0.01	<0.01	<0.01
10/9/2012									
1/17/2013		<0.01	<0.01	<0.01	0.0033				
1/18/2013	0.0029					0.0028	0.0036	0.0032	<0.01

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-9	GWC-13	GWB-5R	GWC-2	GWC-12	GWB-6R	GWC-22	GWC-20	GWC-21
4/5/2013									
7/16/2013		0.0029	0.0032		0.0028				
7/17/2013	<0.01			<0.01		<0.01	0.0025	<0.01	<0.01
10/11/2013									
1/13/2014		0.0025	0.0025	0.0025	0.0025				
1/14/2014	0.0025					0.0025	0.0025	0.0025	0.0025
4/3/2014									
7/8/2014		0.0018 (J)			0.002 (J)				
7/9/2014	0.0016 (J)		0.00076 (J)	0.00058 (J)		0.00093 (J)			0.00084 (J)
7/10/2014							0.024	<0.01	
10/24/2014									
1/12/2015								<0.01	
1/13/2015		0.0028	0.0036	0.0024 (J)	0.0079				
1/14/2015	0.0024 (J)					0.0023 (J)	0.0016 (J)		0.0018 (J)
5/10/2015									
5/11/2015									
7/16/2015		0.0018 (J)	<0.01	<0.01	0.0026				
7/17/2015	0.0031					<0.01			<0.01
7/18/2015							0.014	<0.01	
10/6/2015									
1/17/2016				<0.01				<0.01	<0.01
1/18/2016	0.0059	0.0017 (J)	<0.01		0.0025	0.0029	<0.01		
1/19/2016									
4/26/2016									
7/26/2016		0.0028 (J)							
7/27/2016			0.0015 (J)	0.0018 (J)	0.0021 (J)				
7/28/2016	0.0019 (J)					<0.01		<0.01	<0.01
7/29/2016							0.0129		
10/24/2016									
10/25/2016								<0.01	
1/3/2017			<0.01						
1/4/2017					0.0025 (J)		0.006 (J)	<0.01	<0.01
1/5/2017		0.0021 (J)		<0.01		<0.01			
1/6/2017	0.0026 (J)								
4/3/2017									
4/4/2017				0.0015 (J)				<0.01	0.0015 (J)
4/5/2017					0.0026 (J)				
4/6/2017	0.0047 (J)	0.0027 (J)	0.0023 (J)			0.0032 (J)	0.0031 (J)		
7/10/2017					0.0023 (J)				
7/11/2017							0.0029 (J)	<0.01	
7/12/2017	0.003 (J)	0.0043 (J)	<0.01			0.002 (J)			
7/13/2017				0.0014 (J)					0.002 (J)
10/2/2017								<0.01	
10/3/2017									
10/4/2017									
1/9/2018						0.0036 (J)			0.0016 (J)
1/10/2018		0.0021 (J)	0.0022 (J)	<0.01				0.0034 (J)	
1/11/2018	0.0046 (J)				0.0031 (J)		0.0106		
7/9/2018								<0.01	
7/10/2018			<0.01	<0.01		0.0055 (J)			<0.01
7/11/2018	0.0033 (J)	0.0039 (J)			0.0036 (J)		0.0057 (J)		
1/16/2019		0.047	<0.01			<0.01			

Prediction Limit

Constituent: Zinc (mg/L) Analysis Run 11/21/2021 10:17 AM View: App I PLs

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-9	GWC-13	GWB-5R	GWC-2	GWC-12	GWB-6R	GWC-22	GWC-20	GWC-21
1/17/2019					0.0032 (J)				<0.01
1/18/2019	0.0025 (J)						0.0024 (J)		
1/21/2019				<0.01				<0.01	
3/25/2019								<0.01	
3/26/2019		0.03	<0.01			<0.01			<0.01
3/27/2019	0.0026 (J)				0.0031 (J)		<0.01		
7/30/2019				0.0067 (J)					
10/7/2019									
10/8/2019		0.053							0.0071 (J)
10/9/2019	0.0054 (J)		0.0081 (J)	0.005 (J)	0.0057 (J)	0.016 (J)	0.0079 (J)	0.0049 (J)	
4/6/2020									
4/7/2020			<0.01		<0.01	<0.01	<0.01		<0.01
4/8/2020	<0.01	0.023		<0.01				<0.01	
9/28/2020		0.016							
9/29/2020				0.056	0.0074 (J)				
9/30/2020			<0.01			<0.01	<0.01	0.031	0.0096 (J)
10/1/2020	0.025								
3/10/2021	<0.01		<0.01		<0.01	<0.01	<0.01		
3/11/2021									
3/12/2021								<0.01	
3/15/2021		0.039		<0.01					
3/16/2021									<0.01
9/21/2021		0.036	<0.01		<0.01	<0.01	<0.01		
9/22/2021	<0.01			<0.01				<0.01	<0.01
9/23/2021									

FIGURE E.

Appendix I Trend Tests - Prediction Limit Exceedances - Significant Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 10:21 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Arsenic (mg/L)	**GWA-7 (bg)**	**-0.0004641**	**-4.064**	**-2.58**	**Yes**	**51**	**56.86**	**n/a**	**n/a**	**0.01**	**NP**
Arsenic (mg/L)	**GWA-8 (bg)**	**0**	**-3.001**	**-2.58**	**Yes**	**72**	**91.67**	**n/a**	**n/a**	**0.01**	**NP**
Arsenic (mg/L)	**GWC-15**	**0.004498**	**8.092**	**2.58**	**Yes**	**52**	**48.08**	**n/a**	**n/a**	**0.01**	**NP**
Arsenic (mg/L)	**GWC-16**	**-0.001191**	**-2.985**	**-2.58**	**Yes**	**71**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWA-8 (bg)**	**-0.002925**	**-8.747**	**-2.58**	**Yes**	**71**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-16**	**0.001438**	**3.347**	**2.58**	**Yes**	**68**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-20**	**0.01269**	**279**	**152**	**Yes**	**31**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix I Trend Tests - Prediction Limit Exceedances - All Results

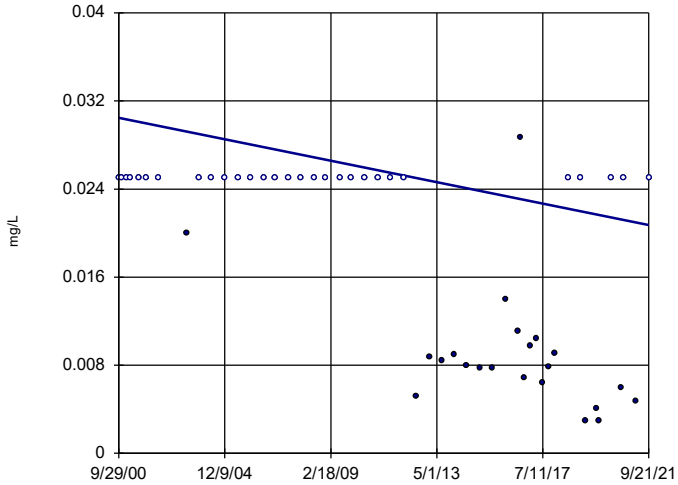
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 10:21 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Arsenic (mg/L)	**GWA-7 (bg)**	**-0.0004641**	**-4.064**	**-2.58**	**Yes**	**51**	**56.86**	**n/a**	**n/a**	**0.01**	**NP**
Arsenic (mg/L)	**GWA-8 (bg)**	**0**	**-3.001**	**-2.58**	**Yes**	**72**	**91.67**	**n/a**	**n/a**	**0.01**	**NP**
Arsenic (mg/L)	**GWC-15**	**0.004498**	**8.092**	**2.58**	**Yes**	**52**	**48.08**	**n/a**	**n/a**	**0.01**	**NP**
Arsenic (mg/L)	**GWC-16**	**-0.001191**	**-2.985**	**-2.58**	**Yes**	**71**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Arsenic (mg/L)	GWC-20	0.0104	102	152	No	31	3.226	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-7 (bg)	-0.0005382	-0.6705	-2.58	No	50	0	n/a	n/a	0.01	NP
Barium (mg/L)	**GWA-8 (bg)**	**-0.002925**	**-8.747**	**-2.58**	**Yes**	**71**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-16**	**0.001438**	**3.347**	**2.58**	**Yes**	**68**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Barium (mg/L)	**GWC-20**	**0.01269**	**279**	**152**	**Yes**	**31**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-7 (bg)



n = 51

Slope = -0.0004641 units per year.

Mann-Kendall normal approx. = -4.064
critical = -2.58

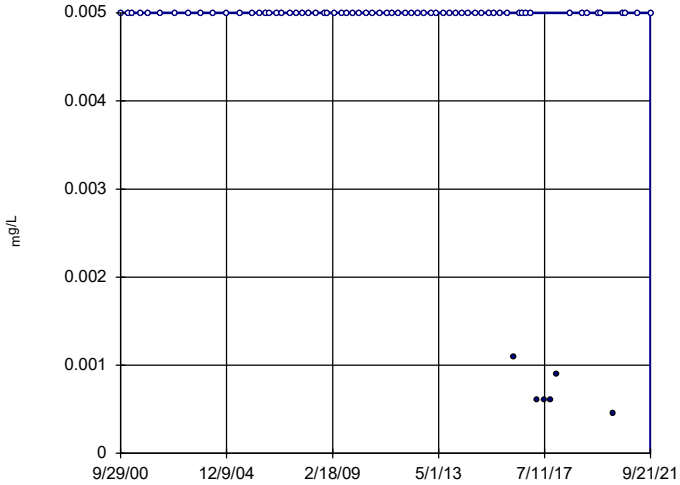
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Arsenic Analysis Run 11/21/2021 10:19 AM View: Trend Tests - App I PL Exceedances
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-8 (bg)



n = 72

Slope = 0 units per year.

Mann-Kendall normal approx. = -3.001
critical = -2.58

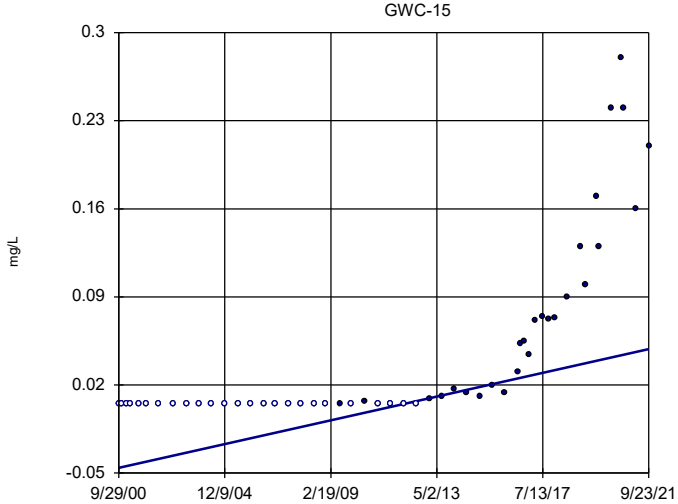
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Arsenic Analysis Run 11/21/2021 10:19 AM View: Trend Tests - App I PL Exceedances
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-15



n = 52

Slope = 0.004498 units per year.

Mann-Kendall normal approx. = 8.092
critical = 2.58

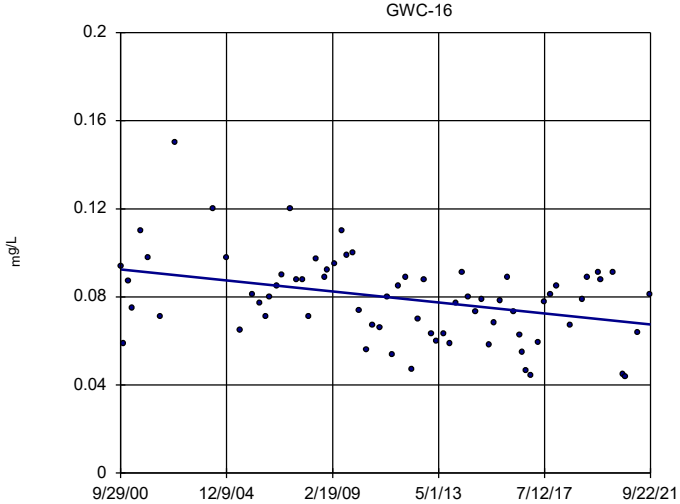
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Arsenic Analysis Run 11/21/2021 10:19 AM View: Trend Tests - App I PL Exceedances
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-16



n = 71

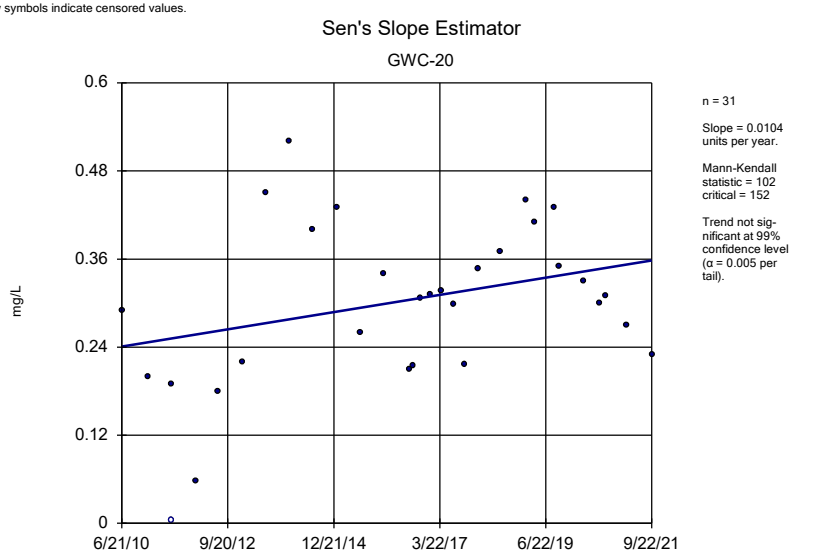
Slope = -0.001191 units per year.

Mann-Kendall normal approx. = -2.985
critical = -2.58

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

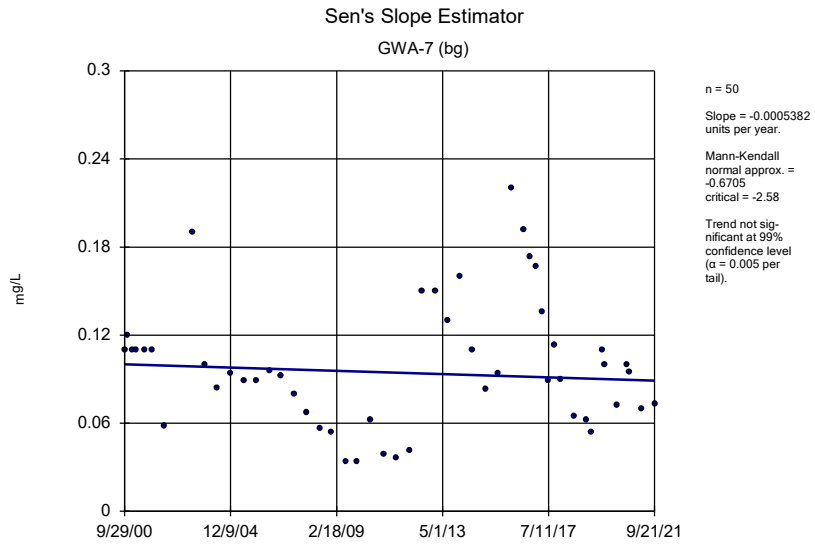
Constituent: Arsenic Analysis Run 11/21/2021 10:19 AM View: Trend Tests - App I PL Exceedances
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Arsenic Analysis Run 11/21/2021 10:19 AM View: Trend Tests - App I PL Exceedances
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG



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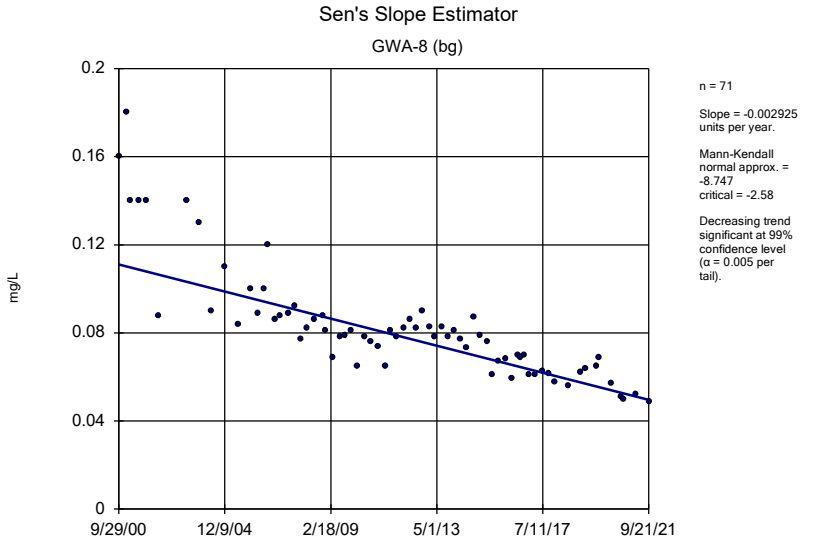
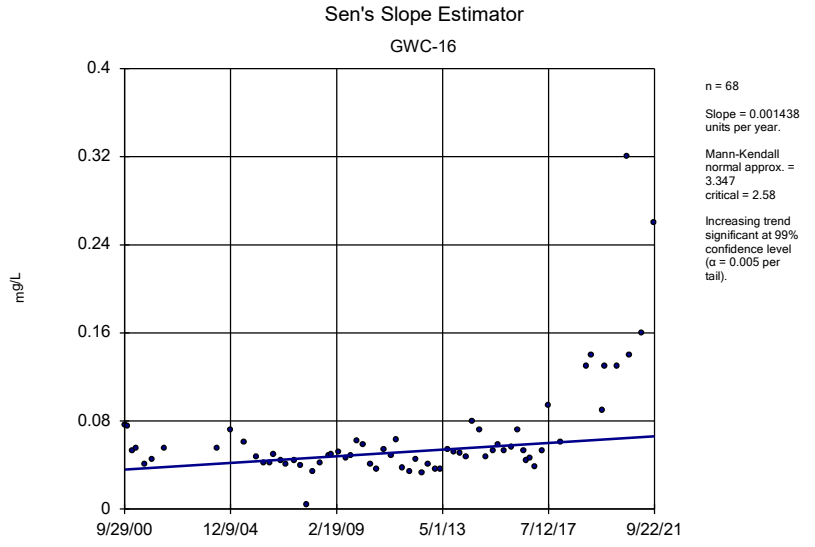
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG



Constituent: Barium Analysis Run 11/21/2021 10:19 AM View: Trend Tests - App I PL Exceedances
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG



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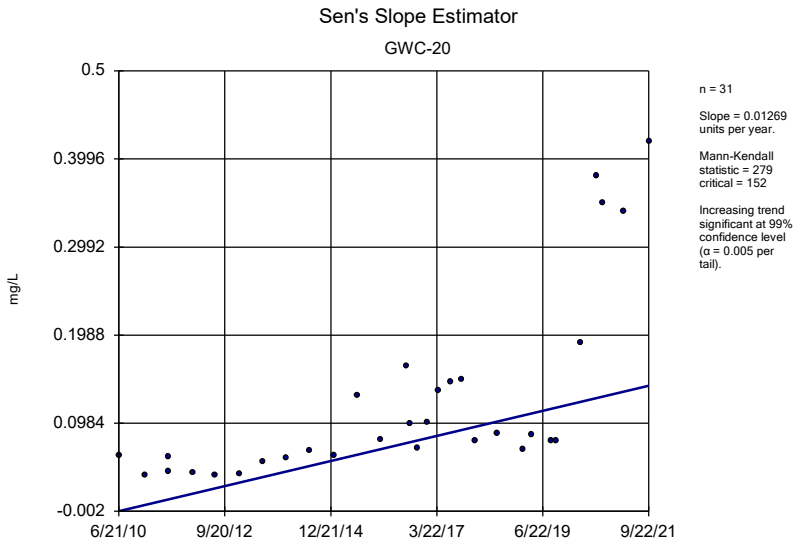
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill



Constituent: Barium Analysis Run 11/21/2021 10:19 AM View: Trend Tests - App I PL Exceedances

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

FIGURE F.

Appendix III Interwell Prediction Limit - Significant Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/20/2021, 2:34 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	**GWB-4R**	**35.8**	**n/a**	**9/21/2021**	**67.5**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWB-5R**	**35.8**	**n/a**	**9/21/2021**	**140**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWB-6R**	**35.8**	**n/a**	**9/21/2021**	**110**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-1**	**35.8**	**n/a**	**9/23/2021**	**69.1**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-11**	**35.8**	**n/a**	**9/21/2021**	**87**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-12**	**35.8**	**n/a**	**9/21/2021**	**63.4**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-14**	**35.8**	**n/a**	**9/22/2021**	**185**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-15**	**35.8**	**n/a**	**9/23/2021**	**146**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-16**	**35.8**	**n/a**	**9/22/2021**	**267**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-17**	**35.8**	**n/a**	**9/22/2021**	**94.6**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-20**	**35.8**	**n/a**	**9/22/2021**	**266**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**GWC-17**	**260**	**n/a**	**9/22/2021**	**517**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	**GWC-17**	**0.4672**	**n/a**	**9/22/2021**	**0.79**	**Yes**	**34**	**-2.29**	**0.6855**	**23.53**	**Kaplan-Meier**	**ln(x)**	**0.0004702**	**Param Inter 1 of 2**
pH (SU)	**GWC-12**	**6.43**	**4.23**	**9/21/2021**	**4.05**	**Yes**	**32**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003244**	**NP Inter (normality) 1 of 2**
pH (SU)	**GWC-15**	**6.43**	**4.23**	**9/23/2021**	**6.48**	**Yes**	**32**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003244**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWB-4R**	**160**	**n/a**	**9/21/2021**	**232**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWB-5R**	**160**	**n/a**	**9/21/2021**	**829**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWB-6R**	**160**	**n/a**	**9/21/2021**	**645**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWC-11**	**160**	**n/a**	**9/21/2021**	**433**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWC-12**	**160**	**n/a**	**9/21/2021**	**315**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWC-14**	**160**	**n/a**	**9/22/2021**	**444**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWC-16**	**160**	**n/a**	**9/22/2021**	**1040**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWC-17**	**160**	**n/a**	**9/22/2021**	**394**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWC-20**	**160**	**n/a**	**9/22/2021**	**905**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**

Appendix III Interwell Prediction Limit - All Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/20/2021, 2:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWB-4R	21.8	n/a	9/21/2021	6.4	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWB-5R	21.8	n/a	9/21/2021	4.1	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWB-6R	21.8	n/a	9/21/2021	4.2	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-1	21.8	n/a	9/23/2021	0.59	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-11	21.8	n/a	9/21/2021	0.8	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-12	21.8	n/a	9/21/2021	5.8	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-13	21.8	n/a	9/21/2021	0.38	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-14	21.8	n/a	9/22/2021	0.052	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-15	21.8	n/a	9/23/2021	0.72	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-16	21.8	n/a	9/22/2021	11.5	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-17	21.8	n/a	9/22/2021	1.4	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-2	21.8	n/a	9/22/2021	0.017J	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-20	21.8	n/a	9/22/2021	11.3	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-21	21.8	n/a	9/22/2021	0.095	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-22	21.8	n/a	9/21/2021	0.19	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-9	21.8	n/a	9/22/2021	0.015J	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Calcium (mg/L)	**GWB-4R**	**35.8**	**n/a**	**9/21/2021**	**67.5**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWB-5R**	**35.8**	**n/a**	**9/21/2021**	**140**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWB-6R**	**35.8**	**n/a**	**9/21/2021**	**110**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-1**	**35.8**	**n/a**	**9/23/2021**	**69.1**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-11**	**35.8**	**n/a**	**9/21/2021**	**87**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-12**	**35.8**	**n/a**	**9/21/2021**	**63.4**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	GWC-13	35.8	n/a	9/21/2021	3.6	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Calcium (mg/L)	**GWC-14**	**35.8**	**n/a**	**9/22/2021**	**185**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-15**	**35.8**	**n/a**	**9/23/2021**	**146**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-16**	**35.8**	**n/a**	**9/22/2021**	**267**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-17**	**35.8**	**n/a**	**9/22/2021**	**94.6**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	GWC-2	35.8	n/a	9/22/2021	0.19J	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Calcium (mg/L)	**GWC-20**	**35.8**	**n/a**	**9/22/2021**	**266**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	GWC-21	35.8	n/a	9/22/2021	5.8	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-22	35.8	n/a	9/21/2021	15.3	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-9	35.8	n/a	9/22/2021	5	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWB-4R	260	n/a	9/21/2021	13.9	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWB-5R	260	n/a	9/21/2021	38.8	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWB-6R	260	n/a	9/21/2021	53.8	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-1	260	n/a	9/23/2021	8.8	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-11	260	n/a	9/21/2021	103	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-12	260	n/a	9/21/2021	63.8	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-13	260	n/a	9/21/2021	7.9	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-14	260	n/a	9/22/2021	28	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-15	260	n/a	9/23/2021	7.1	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-16	260	n/a	9/22/2021	55.8	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	**GWC-17**	**260**	**n/a**	**9/22/2021**	**517**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	GWC-2	260	n/a	9/22/2021	7.4	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-20	260	n/a	9/22/2021	38.9	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-21	260	n/a	9/22/2021	6	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-22	260	n/a	9/21/2021	9.4	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-9	260	n/a	9/22/2021	19.3	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWB-4R	0.4672	n/a	9/21/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWB-5R	0.4672	n/a	9/21/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2

Appendix III Interwell Prediction Limit - All Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/20/2021, 2:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	GWB-6R	0.4672	n/a	9/21/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-1	0.4672	n/a	9/23/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-11	0.4672	n/a	9/21/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-12	0.4672	n/a	9/21/2021	0.31	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-13	0.4672	n/a	9/21/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-14	0.4672	n/a	9/22/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-15	0.4672	n/a	9/23/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-16	0.4672	n/a	9/22/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	**GWC-17**	**0.4672**	**n/a**	**9/22/2021**	**0.79**	**Yes**	**34**	**-2.29**	**0.6855**	**23.53**	**Kaplan-Meier**	**ln(x)**	**0.0004702**	**Param Inter 1 of 2**
Fluoride (mg/L)	GWC-2	0.4672	n/a	9/22/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-20	0.4672	n/a	9/22/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-21	0.4672	n/a	9/22/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-22	0.4672	n/a	9/21/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-9	0.4672	n/a	9/22/2021	0.13	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
pH (SU)	GWB-4R	6.43	4.23	9/21/2021	5.78	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWB-5R	6.43	4.23	9/21/2021	4.68	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWB-6R	6.43	4.23	9/21/2021	5.4	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWC-1	6.43	4.23	9/23/2021	6.06	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWC-11	6.43	4.23	9/21/2021	4.92	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	**GWC-12**	**6.43**	**4.23**	**9/21/2021**	**4.05**	**Yes**	**32**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003244**	**NP Inter (normality) 1 of 2**
pH (SU)	GWC-13	6.43	4.23	9/21/2021	4.83	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWC-14	6.43	4.23	9/22/2021	5.76	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	**GWC-15**	**6.43**	**4.23**	**9/23/2021**	**6.48**	**Yes**	**32**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003244**	**NP Inter (normality) 1 of 2**
pH (SU)	GWC-16	6.43	4.23	9/22/2021	5.57	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWC-17	6.43	4.23	9/22/2021	4.63	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWC-2	6.43	4.23	9/22/2021	4.71	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWC-20	6.43	4.23	9/22/2021	6	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWC-21	6.43	4.23	9/22/2021	5.39	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWC-22	6.43	4.23	9/21/2021	4.72	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWC-9	6.43	4.23	9/22/2021	4.7	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**GWB-4R**	**160**	**n/a**	**9/21/2021**	**232**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWB-5R**	**160**	**n/a**	**9/21/2021**	**829**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWB-6R**	**160**	**n/a**	**9/21/2021**	**645**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	GWC-1	160	n/a	9/23/2021	37.3	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**GWC-11**	**160**	**n/a**	**9/21/2021**	**433**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWC-12**	**160**	**n/a**	**9/21/2021**	**315**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	GWC-13	160	n/a	9/21/2021	36.6	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**GWC-14**	**160**	**n/a**	**9/22/2021**	**444**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	GWC-15	160	n/a	9/23/2021	124	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**GWC-16**	**160**	**n/a**	**9/22/2021**	**1040**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWC-17**	**160**	**n/a**	**9/22/2021**	**394**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	GWC-2	160	n/a	9/22/2021	10.3	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**GWC-20**	**160**	**n/a**	**9/22/2021**	**905**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	GWC-21	160	n/a	9/22/2021	14.6	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-22	160	n/a	9/21/2021	52.4	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-9	160	n/a	9/22/2021	42.7	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWB-4R	3660	n/a	9/21/2021	476	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWB-5R	3660	n/a	9/21/2021	1240	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWB-6R	3660	n/a	9/21/2021	985	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-1	3660	n/a	9/23/2021	360	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limit - All Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/20/2021, 2:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Total Dissolved Solids (mg/L)	GWC-11	3660	n/a	9/21/2021	842	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-12	3660	n/a	9/21/2021	558	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-13	3660	n/a	9/21/2021	83	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-14	3660	n/a	9/22/2021	864	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-15	3660	n/a	9/23/2021	556	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-16	3660	n/a	9/22/2021	1680	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-17	3660	n/a	9/22/2021	1530	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-2	3660	n/a	9/22/2021	33	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	3660	n/a	9/22/2021	1430	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-21	3660	n/a	9/22/2021	51	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-22	3660	n/a	9/21/2021	87	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-9	3660	n/a	9/22/2021	94	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limit - All Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/20/2021, 2:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWB-4R	21.8	n/a	9/21/2021	6.4	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWB-5R	21.8	n/a	9/21/2021	4.1	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWB-6R	21.8	n/a	9/21/2021	4.2	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-1	21.8	n/a	9/23/2021	0.59	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-11	21.8	n/a	9/21/2021	0.8	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-12	21.8	n/a	9/21/2021	5.8	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-13	21.8	n/a	9/21/2021	0.38	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-14	21.8	n/a	9/22/2021	0.052	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-15	21.8	n/a	9/23/2021	0.72	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-16	21.8	n/a	9/22/2021	11.5	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-17	21.8	n/a	9/22/2021	1.4	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-2	21.8	n/a	9/22/2021	0.017J	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-20	21.8	n/a	9/22/2021	11.3	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-21	21.8	n/a	9/22/2021	0.095	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-22	21.8	n/a	9/21/2021	0.19	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Boron (mg/L)	GWC-9	21.8	n/a	9/22/2021	0.015J	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Calcium (mg/L)	**GWB-4R**	**35.8**	**n/a**	**9/21/2021**	**67.5**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWB-5R**	**35.8**	**n/a**	**9/21/2021**	**140**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWB-6R**	**35.8**	**n/a**	**9/21/2021**	**110**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-1**	**35.8**	**n/a**	**9/23/2021**	**69.1**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-11**	**35.8**	**n/a**	**9/21/2021**	**87**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-12**	**35.8**	**n/a**	**9/21/2021**	**63.4**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	GWC-13	35.8	n/a	9/21/2021	3.6	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Calcium (mg/L)	**GWC-14**	**35.8**	**n/a**	**9/22/2021**	**185**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-15**	**35.8**	**n/a**	**9/23/2021**	**146**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-16**	**35.8**	**n/a**	**9/22/2021**	**267**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**GWC-17**	**35.8**	**n/a**	**9/22/2021**	**94.6**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	GWC-2	35.8	n/a	9/22/2021	0.19J	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Calcium (mg/L)	**GWC-20**	**35.8**	**n/a**	**9/22/2021**	**266**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	GWC-21	35.8	n/a	9/22/2021	5.8	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-22	35.8	n/a	9/21/2021	15.3	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-9	35.8	n/a	9/22/2021	5	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWB-4R	260	n/a	9/21/2021	13.9	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWB-5R	260	n/a	9/21/2021	38.8	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWB-6R	260	n/a	9/21/2021	53.8	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-1	260	n/a	9/23/2021	8.8	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-11	260	n/a	9/21/2021	103	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-12	260	n/a	9/21/2021	63.8	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-13	260	n/a	9/21/2021	7.9	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-14	260	n/a	9/22/2021	28	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-15	260	n/a	9/23/2021	7.1	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-16	260	n/a	9/22/2021	55.8	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	**GWC-17**	**260**	**n/a**	**9/22/2021**	**517**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	GWC-2	260	n/a	9/22/2021	7.4	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-20	260	n/a	9/22/2021	38.9	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-21	260	n/a	9/22/2021	6	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-22	260	n/a	9/21/2021	9.4	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-9	260	n/a	9/22/2021	19.3	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWB-4R	0.4672	n/a	9/21/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWB-5R	0.4672	n/a	9/21/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2

Appendix III Interwell Prediction Limit - All Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/20/2021, 2:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	GWB-6R	0.4672	n/a	9/21/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-1	0.4672	n/a	9/23/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-11	0.4672	n/a	9/21/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-12	0.4672	n/a	9/21/2021	0.31	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-13	0.4672	n/a	9/21/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-14	0.4672	n/a	9/22/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-15	0.4672	n/a	9/23/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-16	0.4672	n/a	9/22/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	**GWC-17**	**0.4672**	**n/a**	**9/22/2021**	**0.79**	**Yes**	**34**	**-2.29**	**0.6855**	**23.53**	**Kaplan-Meier**	**ln(x)**	**0.0004702**	**Param Inter 1 of 2**
Fluoride (mg/L)	GWC-2	0.4672	n/a	9/22/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-20	0.4672	n/a	9/22/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-21	0.4672	n/a	9/22/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-22	0.4672	n/a	9/21/2021	0.1ND	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
Fluoride (mg/L)	GWC-9	0.4672	n/a	9/22/2021	0.13	No	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
pH (SU)	GWB-4R	6.43	4.23	9/21/2021	5.78	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWB-5R	6.43	4.23	9/21/2021	4.68	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWB-6R	6.43	4.23	9/21/2021	5.4	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWC-1	6.43	4.23	9/23/2021	6.06	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWC-11	6.43	4.23	9/21/2021	4.92	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	**GWC-12**	**6.43**	**4.23**	**9/21/2021**	**4.05**	**Yes**	**32**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003244**	**NP Inter (normality) 1 of 2**
pH (SU)	GWC-13	6.43	4.23	9/21/2021	4.83	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWC-14	6.43	4.23	9/22/2021	5.76	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	**GWC-15**	**6.43**	**4.23**	**9/23/2021**	**6.48**	**Yes**	**32**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.003244**	**NP Inter (normality) 1 of 2**
pH (SU)	GWC-16	6.43	4.23	9/22/2021	5.57	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWC-17	6.43	4.23	9/22/2021	4.63	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWC-2	6.43	4.23	9/22/2021	4.71	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWC-20	6.43	4.23	9/22/2021	6	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWC-21	6.43	4.23	9/22/2021	5.39	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWC-22	6.43	4.23	9/21/2021	4.72	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWC-9	6.43	4.23	9/22/2021	4.7	No	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**GWB-4R**	**160**	**n/a**	**9/21/2021**	**232**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWB-5R**	**160**	**n/a**	**9/21/2021**	**829**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWB-6R**	**160**	**n/a**	**9/21/2021**	**645**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	GWC-1	160	n/a	9/23/2021	37.3	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**GWC-11**	**160**	**n/a**	**9/21/2021**	**433**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWC-12**	**160**	**n/a**	**9/21/2021**	**315**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	GWC-13	160	n/a	9/21/2021	36.6	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**GWC-14**	**160**	**n/a**	**9/22/2021**	**444**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	GWC-15	160	n/a	9/23/2021	124	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**GWC-16**	**160**	**n/a**	**9/22/2021**	**1040**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**GWC-17**	**160**	**n/a**	**9/22/2021**	**394**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	GWC-2	160	n/a	9/22/2021	10.3	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**GWC-20**	**160**	**n/a**	**9/22/2021**	**905**	**Yes**	**30**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.001792**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	GWC-21	160	n/a	9/22/2021	14.6	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-22	160	n/a	9/21/2021	52.4	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-9	160	n/a	9/22/2021	42.7	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWB-4R	3660	n/a	9/21/2021	476	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWB-5R	3660	n/a	9/21/2021	1240	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWB-6R	3660	n/a	9/21/2021	985	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-1	3660	n/a	9/23/2021	360	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limit - All Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/20/2021, 2:32 PM

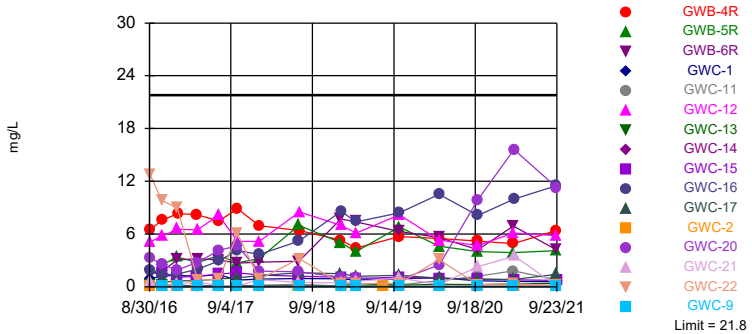
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Total Dissolved Solids (mg/L)	GWC-11	3660	n/a	9/21/2021	842	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-12	3660	n/a	9/21/2021	558	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-13	3660	n/a	9/21/2021	83	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-14	3660	n/a	9/22/2021	864	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-15	3660	n/a	9/23/2021	556	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-16	3660	n/a	9/22/2021	1680	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-17	3660	n/a	9/22/2021	1530	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-2	3660	n/a	9/22/2021	33	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	3660	n/a	9/22/2021	1430	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-21	3660	n/a	9/22/2021	51	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-22	3660	n/a	9/21/2021	87	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-9	3660	n/a	9/22/2021	94	No	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 30 background values. Annual per-constituent alpha = 0.05578. Individual comparison alpha = 0.001792 (1 of 2). Comparing 16 points to limit. Seasonality was not detected with 95% confidence.

Constituent: Boron Analysis Run 11/20/2021 2:30 PM View: PLs App III

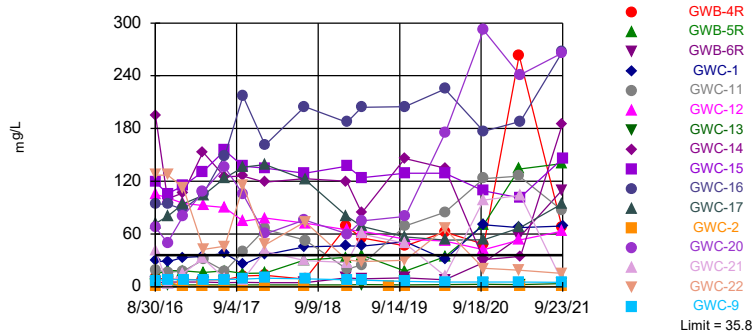
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Exceeds Limit: GWB-4R, GWB-5R, GWB-6R, GWC-1, GWC-11, GWC-12, GWC-14, GWC-15, GWC-16, GWC-17, GWC-20

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 30 background values. Annual per-constituent alpha = 0.05578. Individual comparison alpha = 0.001792 (1 of 2). Comparing 16 points to limit. Seasonality was not detected with 95% confidence.

Constituent: Calcium Analysis Run 11/20/2021 2:30 PM View: PLs App III

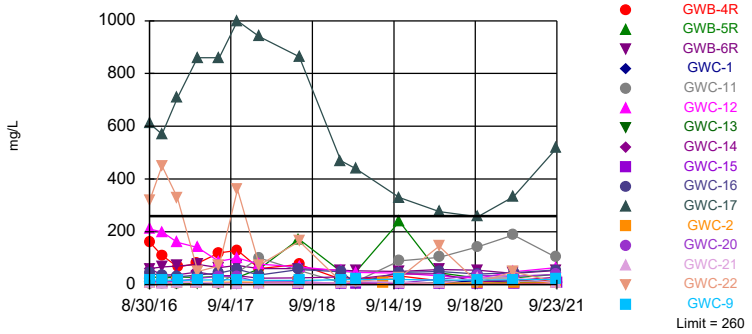
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Exceeds Limit: GWC-17

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 30 background values. Annual per-constituent alpha = 0.05578. Individual comparison alpha = 0.001792 (1 of 2). Comparing 16 points to limit. Seasonality was not detected with 95% confidence.

Constituent: Chloride Analysis Run 11/20/2021 2:30 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

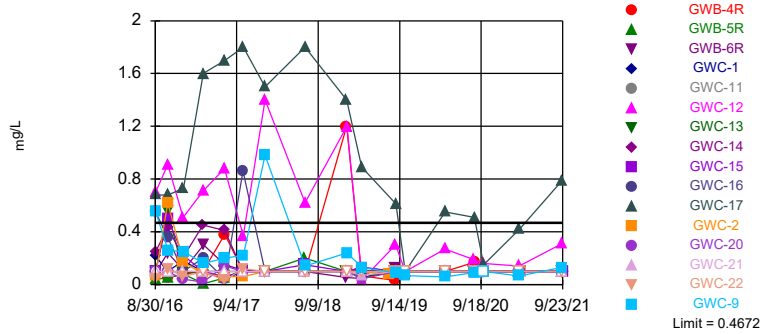
Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Exceeds Limit: GWC-17

Prediction Limit

Interwell Parametric



Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-2.29, Std. Dev.=0.6855, n=34, 23.53% NDs. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9232, critical = 0.908. Kappa = 2.231 (c=7, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0004702. Comparing 16 points to limit.

Constituent: Fluoride Analysis Run 11/20/2021 2:30 PM View: PLs App III

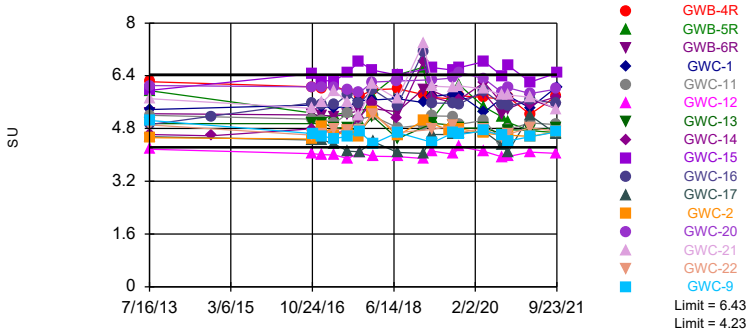
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Exceeds Limits: GWC-12, GWC-15

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 32 background values. Annual per-constituent alpha = 0.1013. Individual comparison alpha = 0.003244 (1 of 2). Comparing 16 points to limit. Seasonality was not detected with 95% confidence.

Constituent: pH Analysis Run 11/20/2021 2:30 PM View: PLs App III

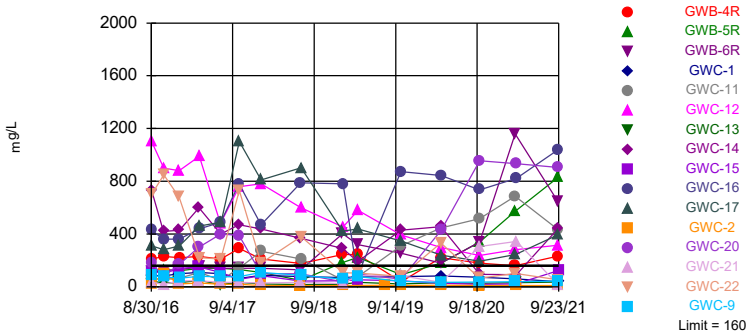
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Exceeds Limit: GWB-4R, GWB-5R, GWB-6R, GWC-11, GWC-12, GWC-14, GWC-16, GWC-17, GWC-20

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 30 background values. Annual per-constituent alpha = 0.05578. Individual comparison alpha = 0.001792 (1 of 2). Comparing 16 points to limit. Seasonality was not detected with 95% confidence.

Constituent: Sulfate Analysis Run 11/20/2021 2:30 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

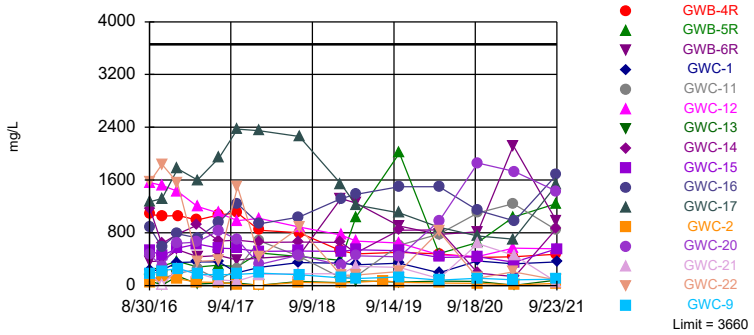
Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 30 background values. Annual per-constituent alpha = 0.05578. Individual comparison alpha = 0.001792 (1 of 2). Comparing 16 points to limit. Seasonality was not detected with 95% confidence.

Constituent: Total Dissolved Solids Analysis Run 11/20/2021 2:30 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Appendix III Interwell Prediction Limit - Significant Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/20/2021, 2:32 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Calcium (mg/L)	GWB-4R	35.8	n/a	9/21/2021	67.5	Yes	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWB-5R	35.8	n/a	9/21/2021	140	Yes	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWB-6R	35.8	n/a	9/21/2021	110	Yes	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-1	35.8	n/a	9/23/2021	69.1	Yes	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-11	35.8	n/a	9/21/2021	87	Yes	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-12	35.8	n/a	9/21/2021	63.4	Yes	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-14	35.8	n/a	9/22/2021	185	Yes	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-15	35.8	n/a	9/23/2021	146	Yes	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-16	35.8	n/a	9/22/2021	267	Yes	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-17	35.8	n/a	9/22/2021	94.6	Yes	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-20	35.8	n/a	9/22/2021	266	Yes	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-17	260	n/a	9/22/2021	517	Yes	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-17	0.4672	n/a	9/22/2021	0.79	Yes	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.0004702	Param Inter 1 of 2
pH (SU)	GWC-12	6.43	4.23	9/21/2021	4.05	Yes	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
pH (SU)	GWC-15	6.43	4.23	9/23/2021	6.48	Yes	32	n/a	n/a	0	n/a	n/a	0.003244	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWB-4R	160	n/a	9/21/2021	232	Yes	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWB-5R	160	n/a	9/21/2021	829	Yes	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWB-6R	160	n/a	9/21/2021	645	Yes	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-11	160	n/a	9/21/2021	433	Yes	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-12	160	n/a	9/21/2021	315	Yes	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-14	160	n/a	9/22/2021	444	Yes	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-16	160	n/a	9/22/2021	1040	Yes	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-17	160	n/a	9/22/2021	394	Yes	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2
Sulfate (mg/L)	GWC-20	160	n/a	9/22/2021	905	Yes	30	n/a	n/a	0	n/a	n/a	0.001792	NP Inter (normality) 1 of 2

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 11/20/2021 2:32 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWB-5R	GWB-6R	GWA-8 (bg)	GWC-1	GWC-13	GWC-22	GWC-12	GWC-11	GWC-2
8/30/2016	1.09	1.41	0.117	0.875					
8/31/2016					0.261	12.8	5.1	0.0688 (J)	0.0196 (J)
9/1/2016									
10/24/2016			0.126						
10/25/2016				1.22					
10/26/2016	2.5	1.83			0.211	9.81	5.74	0.083 (J)	0.05 (J)
10/27/2016									
1/3/2017	3.39		0.124						
1/4/2017				1.3		8.94	6.56	0.0738	
1/5/2017		3.07			0.179				0.0162 (J)
1/6/2017									
4/3/2017			0.105						
4/4/2017				1.19					0.019 (J)
4/5/2017							6.49		
4/6/2017	2.76	3.19			0.112	0.733		0.0754	
7/10/2017							8.13		
7/11/2017			0.136			0.852		0.0614	
7/12/2017	3.55	3.06		1.37	0.0882				
7/13/2017									0.023 (J)
10/2/2017			0.107						
10/3/2017	2.72	2.69		0.765				0.0838	0.0266 (J)
10/4/2017					0.116	6.05	5.18		
1/9/2018		2.81	0.123						
1/10/2018	3.21			0.876	0.101				0.0203 (J)
1/11/2018						0.838	5.16	0.169	
7/9/2018			0.11						
7/10/2018	7	2.9		0.94					0.026 (J)
7/11/2018					0.098	3.2	8.5	0.3	
1/16/2019	5	7.7	0.13	0.91	0.11				
1/17/2019							7	0.065	
1/18/2019						0.37			
1/21/2019									0.018 (J)
3/25/2019			0.098						
3/26/2019	4	7.4		0.77	0.35				
3/27/2019						0.37	6.1	0.089	
7/30/2019									0.02 (J)
10/7/2019			0.12						
10/8/2019					0.18			0.22	
10/9/2019	6.8	6.3		0.93		0.39	8.2		0.024 (J)
4/6/2020			0.14						
4/7/2020	4.6	5.6		1		3.1	5.3	0.67	
4/8/2020					0.28				0.031 (J)
9/28/2020			0.15	0.69	0.24				
9/29/2020							4.7	1.2	0.024 (J)
9/30/2020	4	4.2				0.25			
10/1/2020									
3/10/2021	3.9	6.9		0.63		0.32	6.1	1.8	
3/11/2021									
3/12/2021			0.11						
3/15/2021					0.31				0.084
3/16/2021									
9/21/2021	4.1	4.2	0.13		0.38	0.19	5.8	0.8	

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 11/20/2021 2:32 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWB-5R	GWB-6R	GWA-8 (bg)	GWC-1	GWC-13	GWC-22	GWC-12	GWC-11	GWC-2
9/22/2021									0.017 (J)
9/23/2021				0.59					

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 11/20/2021 2:32 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWB-4R	GWC-14	GWC-16	GWC-17	GWA-7 (bg)	GWC-20	GWC-21	GWC-15	GWC-9
8/30/2016									
8/31/2016									0.096 (JO)
9/1/2016	6.48	0.071 (J)	1.82	0.408	11.6	3.34	0.62	9.01 (O)	
10/24/2016									
10/25/2016		0.0819 (J)	1.26		21.4	2.54	0.0658 (J)	1.66	
10/26/2016	7.57			0.5					
10/27/2016									0.0281 (J)
1/3/2017									
1/4/2017			1.46			1.91	0.36		
1/5/2017		0.0813		0.676				1.1	
1/6/2017	8.34				20.1				0.0189 (J)
4/3/2017								1.21	
4/4/2017	8.18	0.0723				2.77	0.509		
4/5/2017			2	0.69					
4/6/2017					21.8				0.0181 (J)
7/10/2017									
7/11/2017		0.0734				4.14		1.44	
7/12/2017	7.51		2.95						0.0211 (J)
7/13/2017				0.888	16.3		0.126		
10/2/2017		0.0748				4.65		1.59	
10/3/2017			4.15				0.1		
10/4/2017	8.88			1.02	21.5				0.0254 (J)
1/9/2018		0.0679			13.9		0.783	1.35	
1/10/2018			3.68			1.79			
1/11/2018	6.95			1.28					0.018 (J)
7/9/2018		0.061				1.7			
7/10/2018			5.2				0.5	1.2	
7/11/2018	6.4			1.6	11.7				0.02 (J)
1/16/2019	5.3	0.046		1.5	9.3				
1/17/2019			8.6				0.43	1.1	
1/18/2019									0.018 (J)
1/21/2019						1.1			
3/25/2019	4.4				8.5	1			
3/26/2019		0.037 (J)	7.4	1.2			0.61	0.95	
3/27/2019									0.016 (J)
7/30/2019									
10/7/2019									
10/8/2019		0.048	8.4		6.4		1	1.1	
10/9/2019	5.7			1.3		0.79			0.019 (J)
4/6/2020					6.1				
4/7/2020	5.5	0.061 (J)	10.5				0.24	0.96	
4/8/2020				0.99		2.5			0.023 (J)
9/28/2020					4.6				
9/29/2020		0.053							
9/30/2020			8.1	0.86		9.9	2.3	0.86	
10/1/2020	5.2								0.028 (J)
3/10/2021	4.9								0.022 (J)
3/11/2021				0.85	8				
3/12/2021						15.6		0.81	
3/15/2021									
3/16/2021		0.08	10				3.5		
9/21/2021	6.4				4.4				

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 11/20/2021 2:32 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWB-4R	GWC-14	GWC-16	GWC-17	GWA-7 (bg)	GWC-20	GWC-21	GWC-15	GWC-9
9/22/2021		0.052	11.5	1.4		11.3	0.095		0.015 (J)
9/23/2021								0.72	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 11/20/2021 2:32 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-1	GWB-5R	GWB-6R	GWA-8 (bg)	GWC-11	GWC-9	GWC-12	GWC-2	GWC-13
8/30/2016	29.4	14.3	4.68	23.8					
8/31/2016					18.8	6.9	105	0.371 (J)	2.77
9/1/2016									
10/24/2016				22.5					
10/25/2016	28.3								
10/26/2016		18.6	5.45		16.6		101	5.84	2.25
10/27/2016						8.2			
1/3/2017		18.1		22.1					
1/4/2017	33.4				17.6		94.9		
1/5/2017			5.35					0.379 (J)	2.27
1/6/2017						7.97			
4/3/2017				24.6 (J)					
4/4/2017	34.6							0.993	
4/5/2017							92.5		
4/6/2017		16.2	5.41		30.9	7.95			2.04
7/10/2017							90.3		
7/11/2017				23.5	17.7				
7/12/2017	38	18.1	4.81			8.37			2.25
7/13/2017								0.388 (J)	
10/2/2017				22.7					
10/3/2017	25.5	15.2	5.17		39.8			0.251 (J)	
10/4/2017						8.57	74.6		2.19
1/9/2018			4.73	23.2					
1/10/2018	36.5	15.5						0.177 (J)	2.28
1/11/2018					65.6	9.78	78.1		
7/9/2018				24.6 (J)					
7/10/2018	45.5	30.6	4.5					0.17 (J)	
7/11/2018					53	9.2	72.2		2.3
1/16/2019	46.5	33.3	10.1	27.7					2.3
1/17/2019					19.8 (J)		64.7		
1/18/2019						8.1			
1/21/2019								0.19 (J)	
3/25/2019				31.7					
3/26/2019	46.3	36.1	9						2.4
3/27/2019					25.1	7.7	63.1		
7/30/2019								0.43	
10/7/2019				31.6					
10/8/2019					69.2				2.3
10/9/2019	51.2	17.7	10.1			6	54.2	0.18	
4/6/2020				35.8					
4/7/2020	31.1	34.1	7.8		84.7		52.1		
4/8/2020						5.3		0.24 (J)	2.5
9/28/2020	70.7			25.6					2.9
9/29/2020					123		42	0.18 (J)	
9/30/2020		70.4	27.5						
10/1/2020						5.5			
3/10/2021	67.2	134	55.9		126	5.3	53.1		
3/11/2021									
3/12/2021				21.4					
3/15/2021								0.22 (J)	2.4
3/16/2021									
9/21/2021		140	110	18.5	87		63.4		3.6

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 11/20/2021 2:32 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-1	GWB-5R	GWB-6R	GWA-8 (bg)	GWC-11	GWC-9	GWC-12	GWC-2	GWC-13
9/22/2021						5		0.19 (J)	
9/23/2021	69.1								

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 11/20/2021 2:32 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-22	GWC-20	GWC-17	GWB-4R	GWC-21	GWC-16	GWC-15	GWA-7 (bg)	GWC-14
8/30/2016									
8/31/2016	127								
9/1/2016		67.2	71.9	9.91	40.5	93.8	119	5.59	194
10/24/2016									
10/25/2016		50.1			3.91	94.1	106	6.43	100
10/26/2016	127		80.3	8.56					
10/27/2016									
1/3/2017									
1/4/2017	113	80.4			15.2	88.2			
1/5/2017			94.4				115		107
1/6/2017				8.18				8.13	
4/3/2017							131		
4/4/2017		108		8.12	32.3				153
4/5/2017			104			106			
4/6/2017	42.7							7.72	
7/10/2017									
7/11/2017	46	136					155		125
7/12/2017				8		149			
7/13/2017			124		8.92			4.57	
10/2/2017		105					137		126
10/3/2017					7.88	217			
10/4/2017	115		136	12.5				6.41	
1/9/2018					40.5		135	4.68	119
1/10/2018		60.1				161			
1/11/2018	47.6		139	12.9					
7/9/2018		75.9							123
7/10/2018					29.8	205	129		
7/11/2018	73.7		122	8.6				3.9	
1/16/2019			80.5	68.8				4.3	120
1/17/2019					27.6	187	137		
1/18/2019	30.6								
1/21/2019		60							
3/25/2019		74.8		55.6				3.9	
3/26/2019			68.8		60.1	204	124		84.2
3/27/2019	28.8								
7/30/2019									
10/7/2019									
10/8/2019					49.5	205	129	3.5	146
10/9/2019	30.1	80.1	56.6	46.7					
4/6/2020								3.1	
4/7/2020	65.7			62.1	12.5	225	129		135
4/8/2020		175	53.1						
9/28/2020								3.3	
9/29/2020									30.8
9/30/2020	20.9	292	53.5		98.4	177	109		
10/1/2020				48.4					
3/10/2021	18.7			263					
3/11/2021			67					2.4	
3/12/2021		241					101		
3/15/2021									
3/16/2021					104	188			34.4
9/21/2021	15.3			67.5				2.7	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 11/20/2021 2:32 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-22	GWC-20	GWC-17	GWB-4R	GWC-21	GWC-16	GWC-15	GWA-7 (bg)	GWC-14
9/22/2021		266	94.6		5.8	267			185
9/23/2021							146		

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 11/20/2021 2:32 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-1	GWB-5R	GWB-6R	GWA-8 (bg)	GWC-11	GWC-9	GWC-12	GWC-2	GWC-13
8/30/2016	5.5	31	60	15					
8/31/2016					3.5	17	210	7.8	4.3
9/1/2016									
10/24/2016				13					
10/25/2016	5.1								
10/26/2016		24	67		2.5		200	12	4.9
10/27/2016						17			
1/3/2017		29		13					
1/4/2017	6.9				3.8		160		
1/5/2017			70					7.4	4.1
1/6/2017						16			
4/3/2017				14					
4/4/2017	6.5							8.7	
4/5/2017							140		
4/6/2017		27	76		7.1	17			3.7
7/10/2017							88		
7/11/2017				13	3.1				
7/12/2017	6.5	31	64			18			2.6
7/13/2017								8.3	
10/2/2017				15					
10/3/2017	4.5	27	73		46			9	
10/4/2017						18	100		3
1/9/2018			61	13					
1/10/2018	6.9	59						8.2	3.4
1/11/2018					100	16	78		
7/9/2018				15.4					
7/10/2018	6.2	172	60.2					7.3	
7/11/2018					53.7	16.2	66.9		3.2
1/16/2019	6.6	49.7	54.1	16					3.8
1/17/2019					6.6		52		
1/18/2019						17.5			
1/21/2019								6.9	
3/25/2019				17.7					
3/26/2019	7	47.9	51.8						3.2
3/27/2019					11.9	18.9	45.6		
7/30/2019								7.1	
10/7/2019				18					
10/8/2019					89				4
10/9/2019	7.2	239	49.7			19	44.1	7	
4/6/2020				13.5					
4/7/2020	7.7	44.3	56.4		103		32.5		
4/8/2020						16.9		5.2	4.5
9/28/2020	13.8			13.7					4.3
9/29/2020					143		24.3	5.4	
9/30/2020		24.1	53.9						
10/1/2020						16.8			
3/10/2021	8.5	25.7	42.4		188	18.3	48.7		
3/11/2021									
3/12/2021				14.1					
3/15/2021								6.4	7.6
3/16/2021									
9/21/2021		38.8	53.8	12.2	103		63.8		7.9

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 11/20/2021 2:32 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-1	GWB-5R	GWB-6R	GWA-8 (bg)	GWC-11	GWC-9	GWC-12	GWC-2	GWC-13
9/22/2021						19.3		7.4	
9/23/2021	8.8								

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 11/20/2021 2:32 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-22	GWC-20	GWC-17	GWB-4R	GWC-21	GWC-16	GWC-15	GWA-7 (bg)	GWC-14
8/30/2016									
8/31/2016	320								
9/1/2016		16	610	160	5.9	43	10	190	60
10/24/2016									
10/25/2016		8.1			4.4	34	6.5	175 (D)	36
10/26/2016	450		570	110					
10/27/2016									
1/3/2017									
1/4/2017	330	13			7.7	29			
1/5/2017			710				10		37
1/6/2017				67				180	
4/3/2017							7.3		
4/4/2017		23		80	8				47
4/5/2017			860			36			
4/6/2017	50							200	
7/10/2017									
7/11/2017	70	31					5.7		34
7/12/2017				120		44			
7/13/2017			860		5.4			200	
10/2/2017		30					4.4		34
10/3/2017					4.4	58			
10/4/2017	360		1000	130				260	
1/9/2018					4.4		5.7	210	24
1/10/2018		9.7				36			
1/11/2018	74		940	60					
7/9/2018		10.8							25.9
7/10/2018					6.3	57	3.1		
7/11/2018	164		864	75.9				177	
1/16/2019			469	20.2				165	29.2
1/17/2019					5.4	48.9	3.2		
1/18/2019	11								
1/21/2019		5.1							
3/25/2019		9.4		19.7				147	
3/26/2019			439		11.9	5.1	3		21.1
3/27/2019	11.5								
7/30/2019									
10/7/2019									
10/8/2019					7.8	46.4	2.9	125	40.2
10/9/2019	25.3	5.4	330	32.1					
4/6/2020								30.2	
4/7/2020	146			14.5	4.7	49.3	3.4		41.6
4/8/2020		20.2	277						
9/28/2020								113	
9/29/2020									10.6
9/30/2020	8.5	34.9	257		23.7	39.6	1.7		
10/1/2020				15.7					
3/10/2021	48.2			16					
3/11/2021			334					96.7	
3/12/2021		31.9					2.3		
3/15/2021									
3/16/2021					25.3	44.9			15.8
9/21/2021	9.4			13.9				92.2	

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 11/20/2021 2:32 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-22	GWC-20	GWC-17	GWB-4R	GWC-21	GWC-16	GWC-15	GWA-7 (bg)	GWC-14
9/22/2021		38.9	517		6	55.8			28
9/23/2021							7.1		

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 11/20/2021 2:32 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
8/30/2016		0.1 (J)		0.04 (J)	0.09 (J)	0.22 (J)			
8/31/2016							<0.1	0.7	<0.1
9/1/2016	<0.1		<0.1						
10/24/2016		0.18 (J)							
10/25/2016	0.07 (J)					<0.1			
10/26/2016			0.05 (J)	0.05 (J)	0.24 (J)		<0.1	0.91	0.55
10/27/2016									
1/3/2017		0.18 (J)		0.08 (J)					
1/4/2017						0.18 (J)	<0.1	0.51	
1/5/2017					0.11 (J)				0.09 (J)
1/6/2017	0.2 (J)		0.08 (J)						
4/3/2017		0.12 (J)							
4/4/2017			<0.1			<0.1			
4/5/2017								0.71	
4/6/2017	0.05 (J)			0.006 (J)	0.3		<0.1		<0.1
7/10/2017								0.88	
7/11/2017		0.39					<0.1		
7/12/2017			0.38	0.05 (J)	0.15 (J)	0.04 (J)			<0.1
7/13/2017	0.41								
10/2/2017		0.12 (J)							
10/3/2017				0.11 (J)	0.11 (J)	<0.1	<0.1		
10/4/2017	0.04 (J)		<0.1					0.37	<0.1
1/9/2018	0.46	0.21 (J)			<0.1				
1/10/2018				<0.1		<0.1			<0.1
1/11/2018			<0.1				<0.1	1.4	
7/9/2018		0.04 (J)							
7/10/2018				0.2 (J)	<0.1	<0.1			
7/11/2018	<0.1		<0.1				<0.1	0.62	<0.1
1/16/2019	0.49	<0.1	1.2	<0.1	0.053 (J)	<0.1			<0.1
1/17/2019							<0.1	1.2	
1/18/2019									
1/21/2019									
3/25/2019	0.21 (J)	0.082 (J)	0.064 (J)						
3/26/2019				<0.1	0.046 (J)	0.051 (J)			0.052 (J)
3/27/2019							<0.1	0.036 (J)	
7/30/2019									
8/26/2019	<0.1	0.13							
8/27/2019			0.031 (J)		0.13 (J)	<0.1	<0.1	0.3	<0.1
8/28/2019				0.097 (J)					
10/7/2019		<0.1							
10/8/2019	<0.1						<0.1		<0.1
10/9/2019			<0.1	<0.1	<0.1	<0.1		<0.1	
4/6/2020	0.13 (J)	0.089 (J)							
4/7/2020			<0.1	<0.1	<0.1	<0.1	<0.1	0.27 (J)	
4/8/2020									<0.1
8/17/2020		0.079 (J)						0.19	<0.1
8/18/2020							<0.1		
8/19/2020	0.21		0.17	<0.1	<0.1	<0.1			
9/28/2020	0.069 (J)	<0.1				<0.1			<0.1
9/29/2020							<0.1	0.16	
9/30/2020				<0.1	<0.1				
10/1/2020			<0.1						

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 11/20/2021 2:32 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWA-7 (bg)	GWA-8 (bg)	GWB-4R	GWB-5R	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13
3/10/2021			<0.1	<0.1	<0.1	<0.1	<0.1	0.14	
3/11/2021	<0.1								
3/12/2021		0.087 (J)							
3/15/2021									<0.1
3/16/2021									
9/21/2021	0.077 (J)	0.068 (J)	<0.1	<0.1	<0.1		<0.1	0.31	<0.1
9/22/2021									
9/23/2021						<0.1			

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 11/20/2021 2:32 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
8/30/2016									
8/31/2016					0.07 (J)			0.04 (J)	0.55
9/1/2016	0.25 (J)	<0.1	0.55	0.68		<0.1	<0.1		
10/24/2016									
10/25/2016	0.43	0.5	0.36			<0.1	<0.1		
10/26/2016				0.68	0.62			0.12 (J)	
10/27/2016									0.26 (J)
1/3/2017									
1/4/2017			0.1 (J)			0.04 (J)	<0.1	0.06 (J)	
1/5/2017	0.21 (J)	0.22 (J)		0.73	0.17 (J)				
1/6/2017									0.25 (J)
4/3/2017		<0.1							
4/4/2017	0.45				0.08 (J)	0.02 (J)	<0.1		
4/5/2017			0.2 (J)	1.6					
4/6/2017								<0.1	0.16 (J)
7/10/2017									
7/11/2017	0.41	0.06 (J)				0.14 (J)		0.03 (J)	
7/12/2017			0.04 (J)						0.2 (J)
7/13/2017				1.7	0.06 (J)		<0.1		
10/2/2017	<0.1	<0.1				<0.1			
10/3/2017			0.86		0.06 (J)		<0.1		
10/4/2017				1.8				0.12 (J)	0.22 (J)
1/9/2018	<0.1	<0.1					<0.1		
1/10/2018			<0.1		<0.1	<0.1			
1/11/2018				1.5				<0.1	0.98
7/9/2018	<0.1					<0.1			
7/10/2018		0.15 (J)	<0.1		<0.1		<0.1		
7/11/2018				1.8				<0.1	0.14 (J)
1/16/2019	<0.1			1.4					
1/17/2019		<0.1	<0.1				<0.1		
1/18/2019								<0.1	0.24 (J)
1/21/2019					<0.1	<0.1			
3/25/2019						0.043 (J)			
3/26/2019	0.13 (J)	0.13 (J)	0.11 (J)	0.89			0.071 (J)		
3/27/2019								<0.1	0.13 (J)
7/30/2019					0.083 (J)				
8/26/2019									
8/27/2019	<0.1	<0.1			<0.1			0.1	
8/28/2019			<0.1	0.61		<0.1	<0.1		0.088 (J)
10/7/2019									
10/8/2019	<0.1	<0.1	<0.1				<0.1		
10/9/2019				<0.1	<0.1	<0.1		<0.1	0.068 (J)
4/6/2020									
4/7/2020	<0.1	<0.1	<0.1				<0.1	<0.1	
4/8/2020				0.55	<0.1	<0.1			0.058 (J)
8/17/2020									
8/18/2020	<0.1	<0.1	<0.1	0.51	<0.1	<0.1	<0.1	<0.1	
8/19/2020									0.092 (J)
9/28/2020									
9/29/2020	<0.1				<0.1				
9/30/2020		<0.1	<0.1	0.15		<0.1	<0.1	<0.1	
10/1/2020									<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 11/20/2021 2:32 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWC-15	GWC-16	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9
3/10/2021								<0.1	0.066 (J)
3/11/2021				0.42					
3/12/2021		<0.1				<0.1			
3/15/2021					<0.1				
3/16/2021	<0.1		<0.1				<0.1		
9/21/2021								<0.1	
9/22/2021	<0.1		<0.1	0.79	<0.1	<0.1	<0.1		0.13
9/23/2021		<0.1							

Prediction Limit

Constituent: pH (SU) Analysis Run 11/20/2021 2:32 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13	GWC-15	GWB-5R	GWC-16
7/16/2013	4.62	5.25	5.38	5.2	4.17	4.95	5.96	5.95	4.92
10/11/2014	4.58								5.17
10/24/2016									
10/25/2016	4.79		5.51				6.46		5.58
10/26/2016		5.21		5.08	4.04	4.95		5.27	
10/27/2016									
1/3/2017								5.09	
1/4/2017			5.46	5.06	4.01				5.51
1/5/2017	4.73	5.2				4.97	6.25		
1/6/2017									
4/3/2017							6.25		
4/4/2017	4.68		5.43						
4/5/2017					4	4.81			5.51
4/6/2017		5.17		4.97				5.22	
7/10/2017					3.89				
7/11/2017	4.72			5.26			6.5		
7/12/2017		5.24	5.46			4.83		5.29	5.84
7/13/2017									
10/2/2017	5.13						6.83		
10/3/2017		5.36	5.65	5.07				5.08	5.55
10/4/2017					4.06	4.71			
1/9/2018	5.59	5.4					6.57		
1/10/2018			5.67			5.17		5.83	5.99
1/11/2018				5.18	3.96				
7/9/2018	5.11								
7/10/2018		5.31	5.71				6.42	6.42	5.5
7/11/2018				4.82	3.95	4.49			
1/16/2019	6.82	5.99	5.59			6.45 (O)		6.66	
1/17/2019				4.91	3.89		8.44 (O)		7.13
1/18/2019									
1/21/2019									
3/25/2019									
3/26/2019	5.74	5.94	5.77			4.96	6.65	5.1	5.57
3/27/2019				5.18	4.11				
7/30/2019									
8/26/2019									
8/27/2019	5.58	5.67	5.84	5.17	4.02	4.9	6.57		
8/28/2019								5.95	5.57
10/7/2019									
10/8/2019	5.68			4.93		4.81	6.65		5.54
10/9/2019		5.66	5.82		4.25			6.11	
4/6/2020									
4/7/2020	6.2	5.86	5.3	5.05	4.1		6.83	5.45	5.94
4/8/2020						4.81			
8/17/2020					3.94	4.65			
8/18/2020	5.56			4.41			6.39		5.52
8/19/2020		5.21	5.73					5.14 (D)	
9/28/2020			5.79			4.76			
9/29/2020	5.69			4.77	3.95				
9/30/2020		5.39					6.71	4.99	5.47
10/1/2020									
3/10/2021		5.69	5.42	4.97	4.08			4.73	

Prediction Limit

Constituent: pH (SU) Analysis Run 11/20/2021 2:32 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-14	GWB-6R	GWC-1	GWC-11	GWC-12	GWC-13	GWC-15	GWB-5R	GWC-16
3/11/2021									
3/12/2021							6.21		
3/15/2021						4.74			
3/16/2021	5.53								5.67
9/21/2021		5.4		4.92	4.05	4.83		4.68	
9/22/2021	5.76								5.57
9/23/2021			6.06				6.48		

Prediction Limit

Constituent: pH (SU) Analysis Run 11/20/2021 2:32 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWB-4R	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9	GWA-8 (bg)	GWA-7 (bg)
7/16/2013	6.22	4.55	4.52	6.1	5.71	4.91	5.05		
10/11/2014								4.42	
10/24/2016								4.36	
10/25/2016				6.06	5.41				6.17
10/26/2016	6.06	4.45	4.48			4.6			
10/27/2016							4.65		
1/3/2017								4.28	
1/4/2017				6.05	5.6	4.63			
1/5/2017		4.45	4.85						
1/6/2017	6.02						4.56		6.16
4/3/2017								4.29	
4/4/2017	6.08		4.58	6.03	5.94				
4/5/2017		4.33							
4/6/2017						4.79	4.5		6.26
7/10/2017									
7/11/2017				5.96		4.73		4.35	
7/12/2017	5.93						4.56		
7/13/2017		4.11	4.74		5.6				5.99
10/2/2017				5.88				4.32	
10/3/2017			4.57		5.18				
10/4/2017	5.77	4.09				4.74	4.72		6.16
1/9/2018					6.14			4.44	6.43
1/10/2018			5.31	6.21					
1/11/2018	5.98	4.4				5.22	4.34		
7/9/2018				6.24				4.4	
7/10/2018			4.58		5.7				
7/11/2018	6.01	4.07				4.68	4.68		6.1
1/16/2019	5.83	4.05						6.16 (O)	6.05
1/17/2019					7.39				
1/18/2019						6.98 (O)	6.87 (O)		
1/21/2019			5.05	7.73 (O)					
3/25/2019	5.74			6.28				4.4	6.06
3/26/2019		4.62			6.08				
3/27/2019						4.77	4.38		
7/30/2019			4.74						
8/26/2019								4.26	5.91
8/27/2019	5.7		4.77			4.89			
8/28/2019		4.62		6.34	6.05		4.68		
10/7/2019								4.24	
10/8/2019					6.09				5.74
10/9/2019	5.79	4.66	4.79	6.5		4.68	4.62		
4/6/2020								4.52	6.02
4/7/2020	5.74				6	4.8			
4/8/2020		4.71	4.66	6.31			4.73		
8/17/2020								4.23	
8/18/2020		4.31	4.6	5.89	5.82	4.52			
8/19/2020	5.7						4.58		5.81 (D)
9/28/2020								4.41	5.86
9/29/2020			4.6						
9/30/2020		4.08		6.04	5.82	4.63			
10/1/2020	5.75						4.42		
3/10/2021	5.23					4.82	4.55		

Prediction Limit

Constituent: pH (SU) Analysis Run 11/20/2021 2:32 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWB-4R	GWC-17	GWC-2	GWC-20	GWC-21	GWC-22	GWC-9	GWA-8 (bg)	GWA-7 (bg)
3/11/2021		5.2							5.85
3/12/2021				5.86				4.54	
3/15/2021			4.56						
3/16/2021					5.74				
9/21/2021	5.78					4.72		4.44	6.03
9/22/2021		4.63	4.71	6	5.39		4.7		
9/23/2021									

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 11/20/2021 2:32 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-1	GWB-5R	GWB-6R	GWA-8 (bg)	GWC-11	GWC-9	GWC-12	GWC-2	GWC-13
8/30/2016	87	100	120	140					
8/31/2016					64	84	1100	21	43
9/1/2016									
10/24/2016				160					
10/25/2016	83								
10/26/2016		130	120		56		900	100	29
10/27/2016						76			
1/3/2017		120		140					
1/4/2017	99				65		880		
1/5/2017			130					22	32
1/6/2017						66			
4/3/2017				140					
4/4/2017	110							29	
4/5/2017							990		
4/6/2017		140	150		110	79			49
7/10/2017							480		
7/11/2017				130	49				
7/12/2017	100	140	140			75			16
7/13/2017								20	
10/2/2017				150					
10/3/2017	63	130	140		140			20	
10/4/2017						78	760		33
1/9/2018			140	120					
1/10/2018	86	110						9.5	22
1/11/2018					270	110	780		
7/9/2018				123					
7/10/2018	77.7	48.1	128					8.5	
7/11/2018					211	87.4	598		17.8
1/16/2019	71.2	184	402	129					20.2
1/17/2019					50.3		454		
1/18/2019						56.9			
1/21/2019								10.2	
3/25/2019				152					
3/26/2019	73.8	222	319						33.6
3/27/2019					76.8	76.2	579		
7/30/2019								12.3	
10/7/2019				156					
10/8/2019					310				22
10/9/2019	76.3	90.8	255			41.1	392	10.1	
4/6/2020				123					
4/7/2020	83	180	180		446		297		
4/8/2020						34.2		12.9	30.7
9/28/2020	71.6			93.6					25.6
9/29/2020					516		237	8.6	
9/30/2020		339	339						
10/1/2020						35			
3/10/2021	61.2	572	1160		687	38.7	282		
3/11/2021									
3/12/2021				103					
3/15/2021								10	30.6
3/16/2021									
9/21/2021		829	645	96.5	433		315		36.6

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 11/20/2021 2:32 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-1	GWB-5R	GWB-6R	GWA-8 (bg)	GWC-11	GWC-9	GWC-12	GWC-2	GWC-13
9/22/2021						42.7		10.3	
9/23/2021	37.3								

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 11/20/2021 2:32 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-22	GWC-20	GWC-17	GWB-4R	GWC-21	GWC-16	GWC-15	GWA-7 (bg)	GWC-14
8/30/2016									
8/31/2016	700								
9/1/2016		180	310	210	36	430	120	73	730
10/24/2016									
10/25/2016		79			16	360	100	26	420
10/26/2016	850		280	230					
10/27/2016									
1/3/2017									
1/4/2017	680	170			45	360			
1/5/2017			310				140		430
1/6/2017				220				23	
4/3/2017							150		
4/4/2017		300		230	46				600
4/5/2017			460			440			
4/6/2017	220							25	
7/10/2017									
7/11/2017	210	400					110		400
7/12/2017				210		490			
7/13/2017			490		33			65	
10/2/2017		390					56		470
10/3/2017					34	780			
10/4/2017	730		1100	290				13	
1/9/2018					29		84	45	440
1/10/2018		99				470			
1/11/2018	180		810	210					
7/9/2018		99.2							369
7/10/2018					33.2	787	43		
7/11/2018	381		902	177				37.7	
1/16/2019			422	244				24.5	291
1/17/2019					24.1	780	45.2		
1/18/2019	107								
1/21/2019		35.5							
3/25/2019		95.6		245				14.7	
3/26/2019			439		83.9	87.9	54		192
3/27/2019	103								
7/30/2019									
10/7/2019									
10/8/2019					85.6	872	45.8	32.8	428
10/9/2019	80.2	58.5	346	38.5					
4/6/2020								20.3	
4/7/2020	333			221	33.2	844	26.9		456
4/8/2020		428	239						
9/28/2020								20	
9/29/2020									93.5
9/30/2020	65.5	956	193		306	736	18.5		
10/1/2020				178					
3/10/2021	101			160					
3/11/2021			244					12	
3/12/2021		933					21.1		
3/15/2021									
3/16/2021					343	821			92
9/21/2021	52.4			232				11.1	

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 11/20/2021 2:32 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-22	GWC-20	GWC-17	GWB-4R	GWC-21	GWC-16	GWC-15	GWA-7 (bg)	GWC-14
9/22/2021		905	394		14.6	1040			444
9/23/2021							124		

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 11/20/2021 2:32 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWB-5R	GWB-6R	GWC-1	GWA-8 (bg)	GWC-9	GWC-22	GWC-2	GWC-11	GWC-13
8/30/2016	224	365	225	234					
8/31/2016					173	1570	39	119	77
9/1/2016									
10/24/2016				216					
10/25/2016			230						
10/26/2016	297	373				1840	135	108	<10
10/27/2016					221				
1/3/2017	366			333					
1/4/2017			349			1560		182	
1/5/2017		543					99		146
1/6/2017					259				
4/3/2017				288					
4/4/2017			356				54		
4/5/2017									
4/6/2017	279	434			169	368		248	23 (J)
7/10/2017									
7/11/2017				188		383		88	
7/12/2017	308	454	357		163				39
7/13/2017							50		
10/2/2017				210					
10/3/2017	288	389	192				18 (J)	248	
10/4/2017					168	1500			38
1/9/2018		415		118					
1/10/2018	493		277				<10		<10
1/11/2018					190	438		681	
7/9/2018				235					
7/10/2018	1730 (O)	453	349				49		
7/11/2018					165	876		440	63
1/16/2019	382	1320	341	219					44
1/17/2019								118	
1/18/2019					118	154			
1/21/2019							39		
3/25/2019				240					
3/26/2019	1040	1250	317						72
3/27/2019					104	158		138	
7/30/2019							70		
10/7/2019				275					
10/8/2019								613	51
10/9/2019	2010	903	338		128	211	46		
4/6/2020				214					
4/7/2020	483	775	195			819		780	
4/8/2020					80		38		65
9/28/2020			373	175					60
9/29/2020							33	1100	
9/30/2020	652	816				113			
10/1/2020					111				
3/10/2021	1040	2120	329		89	210		1240	
3/11/2021									
3/12/2021				163					
3/15/2021							11		<10
3/16/2021									
9/21/2021	1240	985		145		87		842	83

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 11/20/2021 2:32 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWB-5R	GWB-6R	GWC-1	GWA-8 (bg)	GWC-9	GWC-22	GWC-2	GWC-11	GWC-13
9/22/2021					94		33		
9/23/2021			360						

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 11/20/2021 2:32 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-12	GWA-7 (bg)	GWC-15	GWC-17	GWC-20	GWC-21	GWC-16	GWB-4R	GWC-14
8/30/2016									
8/31/2016	1560								
9/1/2016		3660	539	1270	470	184	878	1080	1170
10/24/2016									
10/25/2016		3560	449		289	<10	585		633
10/26/2016	1520			1320				1050	
10/27/2016									
1/3/2017									
1/4/2017	1430				639	242	783		
1/5/2017			565	1770					781
1/6/2017		3490						1060	
4/3/2017			632						
4/4/2017					660	187		994	916
4/5/2017	1200			1600			722		
4/6/2017		3170							
7/10/2017	1100								
7/11/2017			569		836				675
7/12/2017							962	1070	
7/13/2017		2280		1940		86			
10/2/2017			559		698				689
10/3/2017						66	1240		
10/4/2017	986	3350		2370				1100	
1/9/2018		2640	520			167			653
1/10/2018					322		935		
1/11/2018	1020			2350				838	
7/9/2018					461				659
7/10/2018			524			180	1040		
7/11/2018	888	2200		2260				799	
1/16/2019		2100		1540				530	656
1/17/2019	765		518 (D)			178	1320		
1/18/2019									
1/21/2019					307				
3/25/2019		2100			449			479	
3/26/2019			541	1220		292	1380		496
3/27/2019	673								
7/30/2019									
10/7/2019									
10/8/2019		1840	526			278	1500		841
10/9/2019	647			1100	434			502	
4/6/2020		1670							
4/7/2020	464		428			106	1500	482	843
4/8/2020				881	986				
9/28/2020		1450							
9/29/2020	440								187
9/30/2020			434	752	1860	634	1140		
10/1/2020								424	
3/10/2021	566							434	
3/11/2021		1220		705					
3/12/2021			353		1730				
3/15/2021									
3/16/2021						454	980		137
9/21/2021	558	1210						476	

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 11/20/2021 2:32 PM View: PLs App III

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

	GWC-12	GWA-7 (bg)	GWC-15	GWC-17	GWC-20	GWC-21	GWC-16	GWB-4R	GWC-14
9/22/2021				1530	1430	51	1680		864
9/23/2021			556						

FIGURE G.

Appendix III Trend Tests - Prediction Limit Exceedances - Significant Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/20/2021, 2:41 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**GWA-7 (bg)**	**-0.7636**	**-82**	**-53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWB-4R**	**13.04**	**61**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWB-5R**	**10.1**	**66**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWB-6R**	**2.358**	**56**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-1**	**8.001**	**69**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-11**	**18.7**	**75**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-12**	**-13.59**	**-89**	**-53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-16**	**28.1**	**64**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**GWA-7 (bg)**	**-23.14**	**-62**	**-53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH (SU)	**GWA-7 (bg)**	**-0.07621**	**-65**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWA-7 (bg)**	**-5.236**	**-55**	**-53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWB-6R**	**57.03**	**69**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-11**	**92.22**	**65**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-12**	**-165.3**	**-81**	**-53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-16**	**108.2**	**59**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

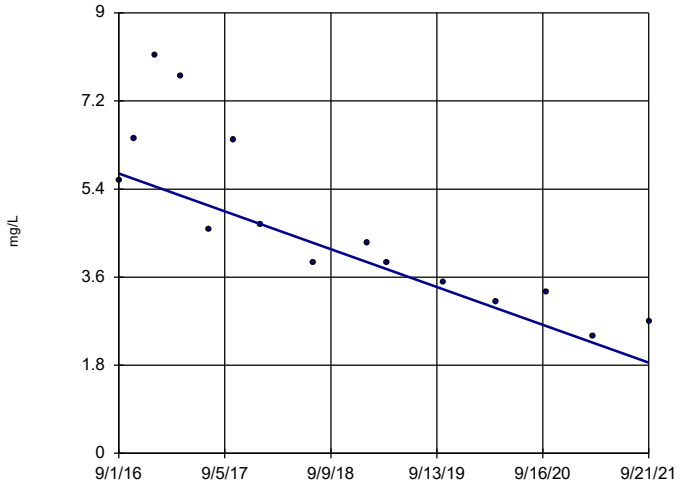
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/20/2021, 2:41 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**GWA-7 (bg)**	**-0.7636**	**-82**	**-53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWA-8 (bg)	0.8051	18	53	No	15	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**GWB-4R**	**13.04**	**61**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWB-5R**	**10.1**	**66**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWB-6R**	**2.358**	**56**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-1**	**8.001**	**69**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-11**	**18.7**	**75**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**GWC-12**	**-13.59**	**-89**	**-53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWC-14	-5.733	-13	-53	No	15	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-15	0	-1	-53	No	15	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**GWC-16**	**28.1**	**64**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	GWC-17	-6.554	-25	-53	No	15	0	n/a	n/a	0.01	NP
Calcium (mg/L)	GWC-20	33.76	45	53	No	15	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**GWA-7 (bg)**	**-23.14**	**-62**	**-53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	GWA-8 (bg)	0.178	14	53	No	15	0	n/a	n/a	0.01	NP
Chloride (mg/L)	GWC-17	-89.93	-40	-53	No	15	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-7 (bg)	0	-3	-63	No	17	29.41	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWA-8 (bg)	-0.01375	-60	-63	No	17	17.65	n/a	n/a	0.01	NP
Fluoride (mg/L)	GWC-17	-0.1378	-50	-63	No	17	5.882	n/a	n/a	0.01	NP
pH (SU)	**GWA-7 (bg)**	**-0.07621**	**-65**	**-58**	**Yes**	**16**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH (SU)	GWA-8 (bg)	0.01642	18	58	No	16	0	n/a	n/a	0.01	NP
pH (SU)	GWC-12	-0.00126	-2	-63	No	17	0	n/a	n/a	0.01	NP
pH (SU)	GWC-15	0.05848	30	58	No	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	**GWA-7 (bg)**	**-5.236**	**-55**	**-53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	GWA-8 (bg)	-8.833	-45	-53	No	15	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWB-4R	-6.377	-13	-53	No	15	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWB-5R	47.47	51	53	No	15	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	**GWB-6R**	**57.03**	**69**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-11**	**92.22**	**65**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**GWC-12**	**-165.3**	**-81**	**-53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	GWC-14	-71.81	-41	-53	No	15	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	**GWC-16**	**108.2**	**59**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	GWC-17	-19.71	-18	-53	No	15	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	GWC-20	129.5	25	53	No	15	0	n/a	n/a	0.01	NP

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-7 (bg)



n = 15

Slope = -0.7636 units per year.

Mann-Kendall statistic = -82 critical = -53

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

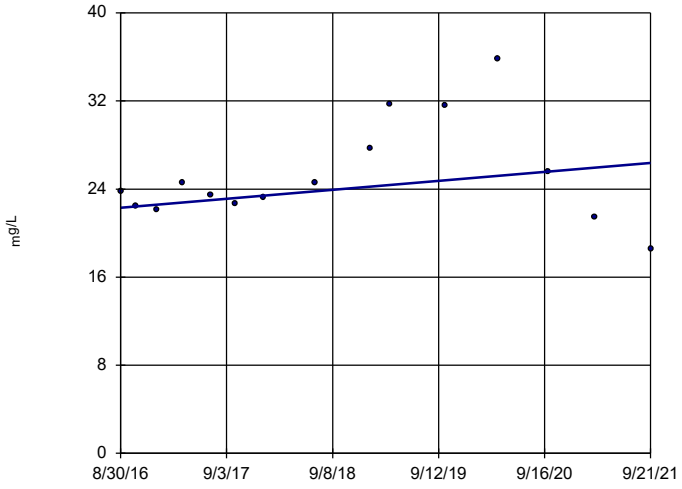
Constituent: Calcium Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-8 (bg)



n = 15

Slope = 0.8051 units per year.

Mann-Kendall statistic = 18 critical = 53

Trend not significant at 99% confidence level (α = 0.005 per tail).

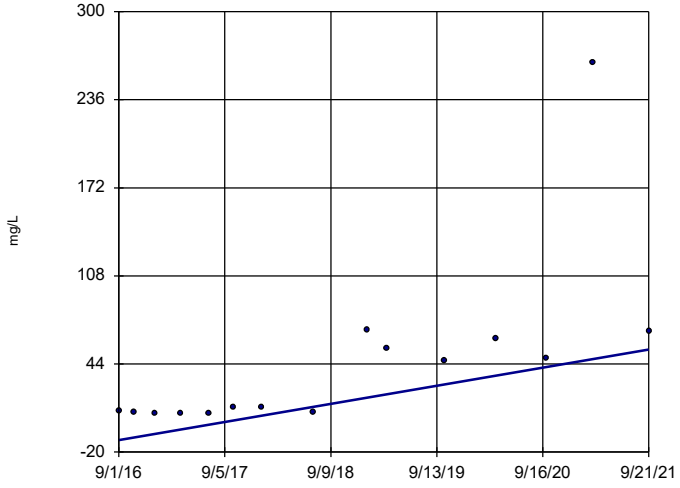
Constituent: Calcium Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWB-4R



n = 15

Slope = 13.04 units per year.

Mann-Kendall statistic = 61 critical = 53

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

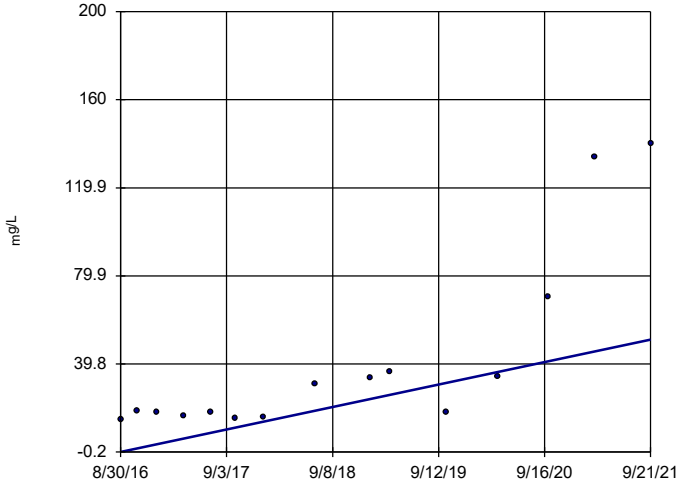
Constituent: Calcium Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWB-5R



n = 15

Slope = 10.1 units per year.

Mann-Kendall statistic = 66 critical = 53

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

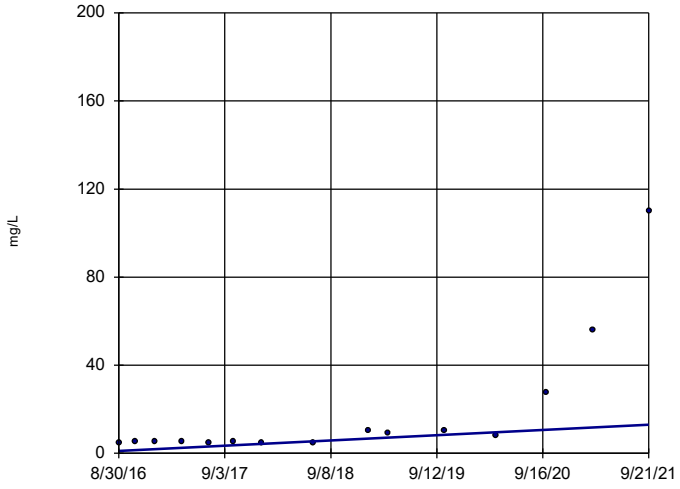
Constituent: Calcium Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWB-6R



n = 15

Slope = 2.358 units per year.

Mann-Kendall statistic = 56 critical = 53

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

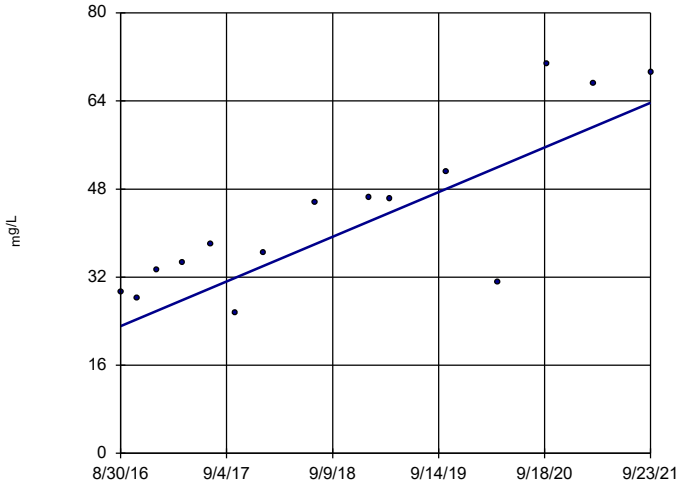
Constituent: Calcium Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-1



n = 15

Slope = 8.001 units per year.

Mann-Kendall statistic = 69 critical = 53

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

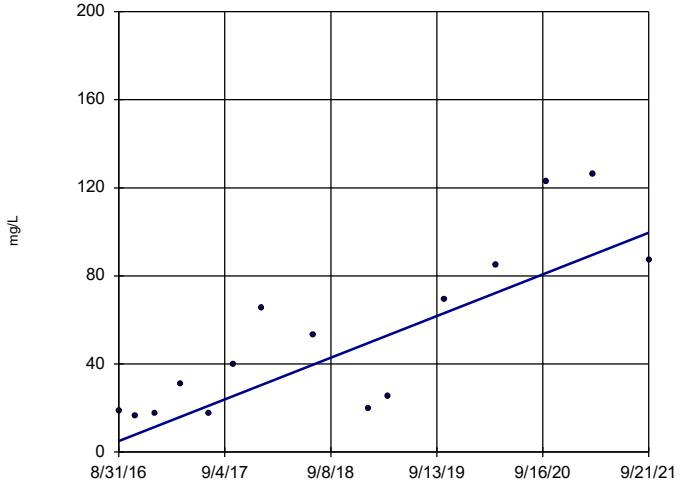
Constituent: Calcium Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-11



n = 15

Slope = 18.7 units per year.

Mann-Kendall statistic = 75 critical = 53

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

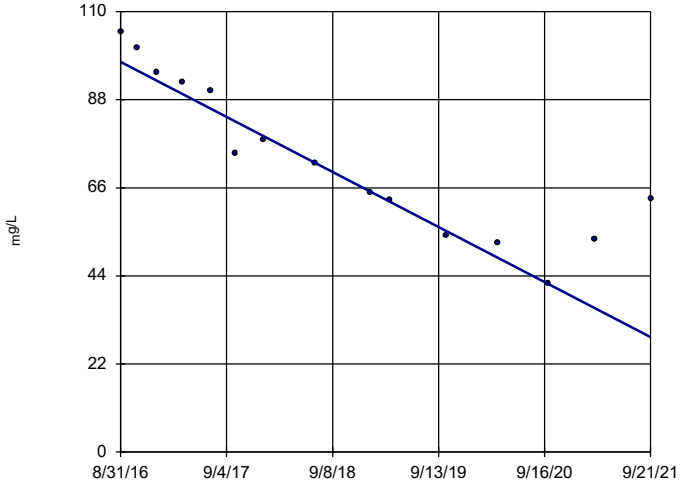
Constituent: Calcium Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-12



n = 15

Slope = -13.59 units per year.

Mann-Kendall statistic = -89 critical = -53

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

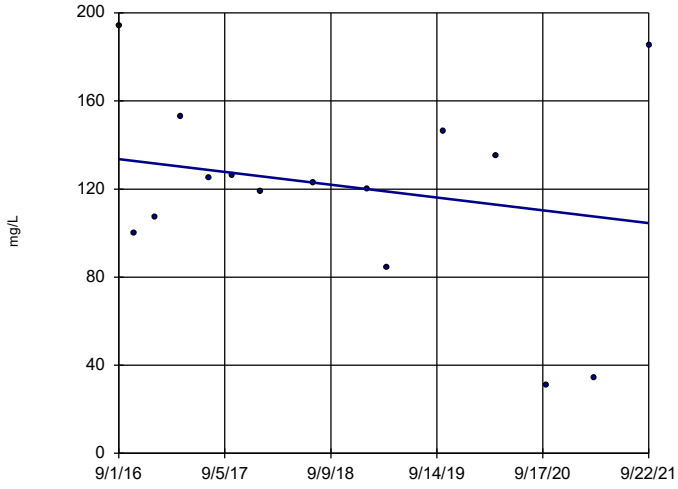
Constituent: Calcium Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-14



n = 15

Slope = -5.733 units per year.

Mann-Kendall statistic = -13 critical = -53

Trend not significant at 99% confidence level (α = 0.005 per tail).

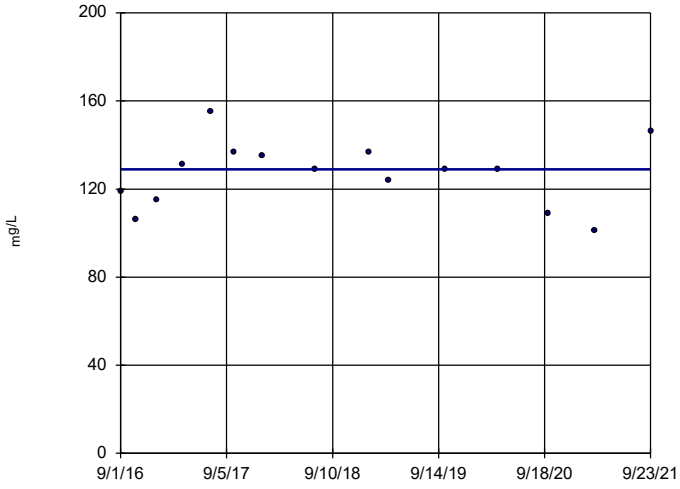
Constituent: Calcium Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-15



n = 15

Slope = 0 units per year.

Mann-Kendall statistic = -1 critical = -53

Trend not significant at 99% confidence level (α = 0.005 per tail).

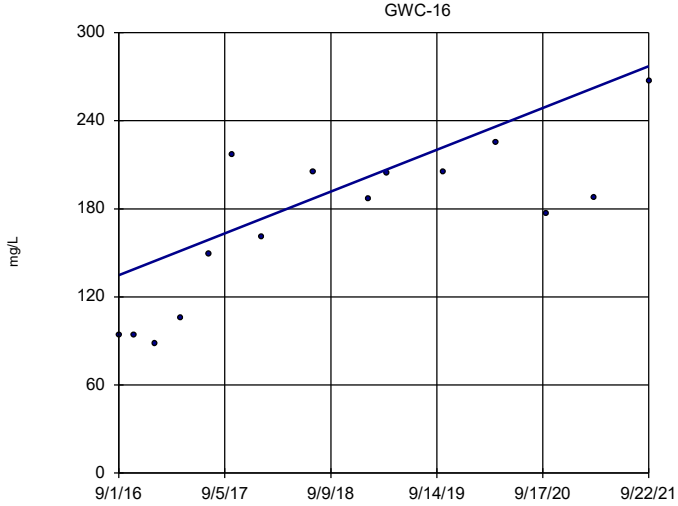
Constituent: Calcium Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-16



n = 15

Slope = 28.1 units per year.

Mann-Kendall statistic = 64 critical = 53

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

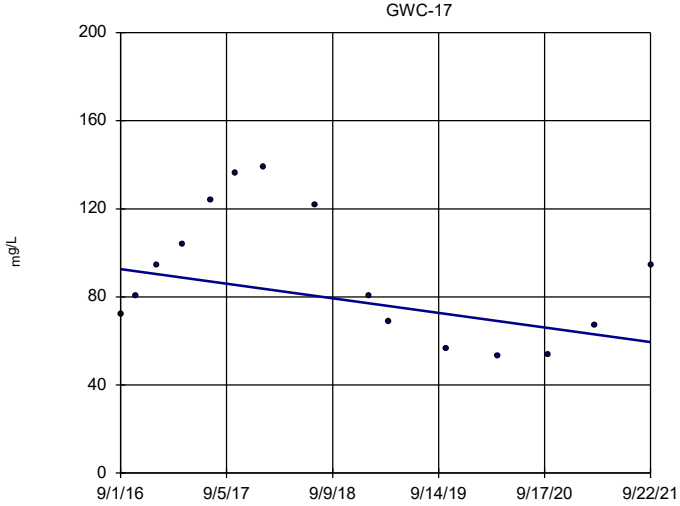
Constituent: Calcium Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-17



n = 15

Slope = -6.554 units per year.

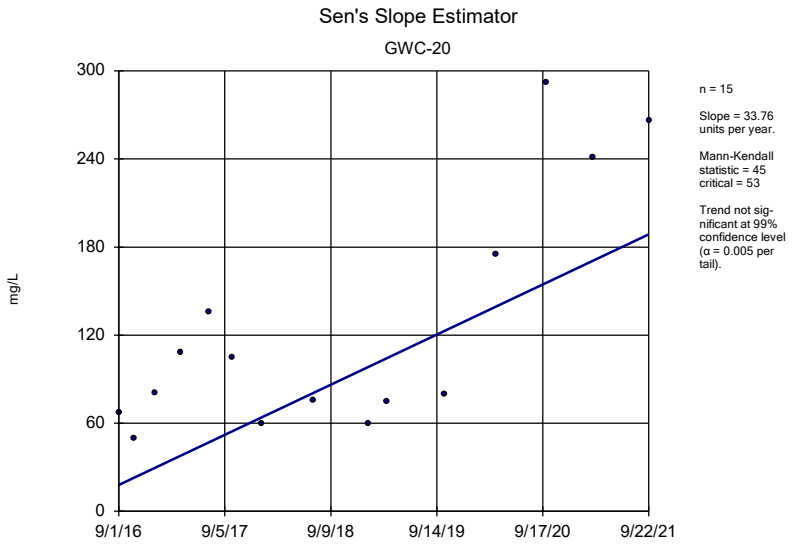
Mann-Kendall statistic = -25 critical = -53

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances

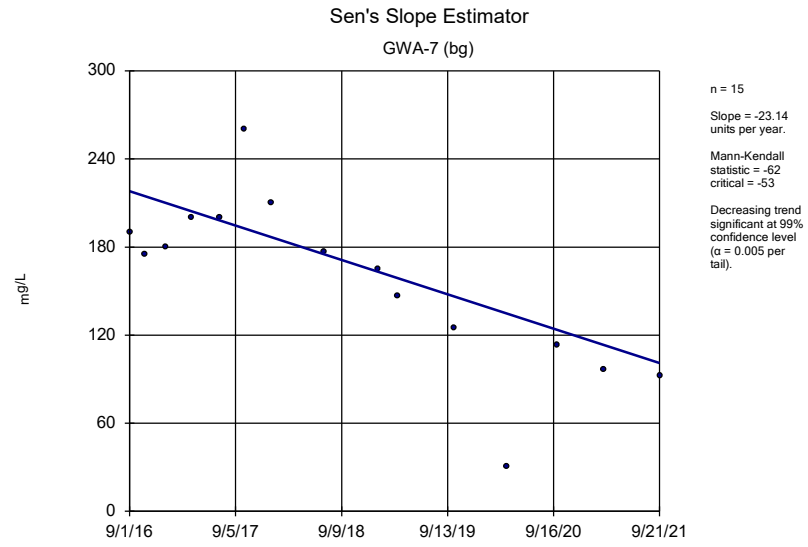
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG



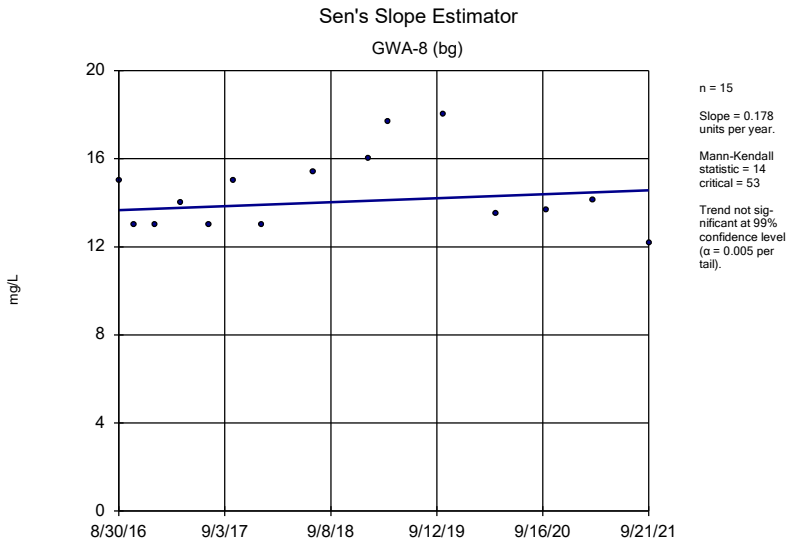
Constituent: Calcium Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG



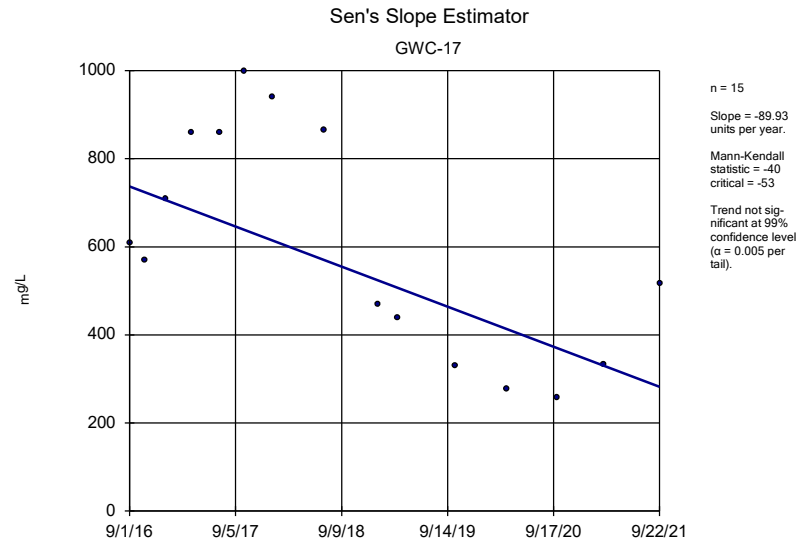
Constituent: Chloride Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG



Constituent: Chloride Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

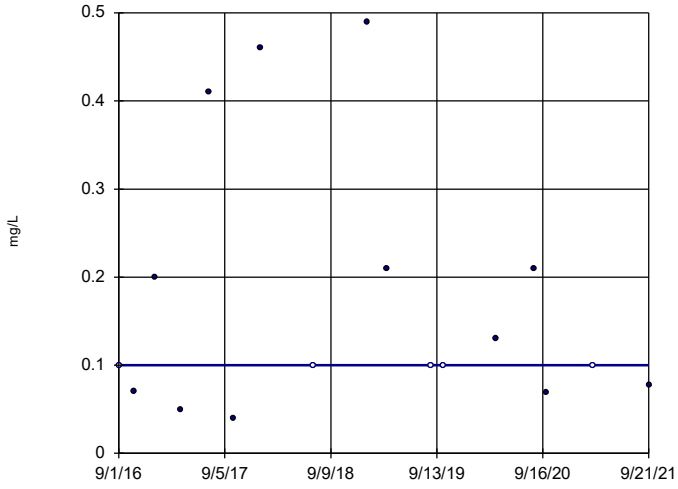


Constituent: Chloride Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-7 (bg)



n = 17

Slope = 0
units per year.

Mann-Kendall
statistic = -3
critical = -63

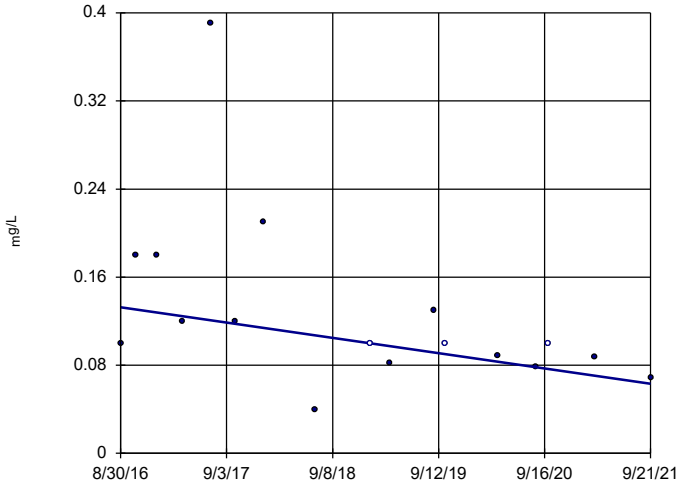
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Fluoride Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWA-8 (bg)



n = 17

Slope = -0.01375
units per year.

Mann-Kendall
statistic = -60
critical = -63

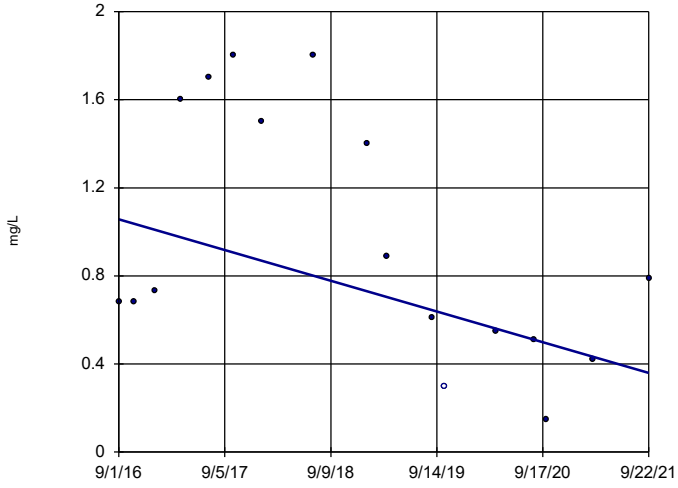
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Fluoride Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

GWC-17



n = 17

Slope = -0.1378
units per year.

Mann-Kendall
statistic = -50
critical = -63

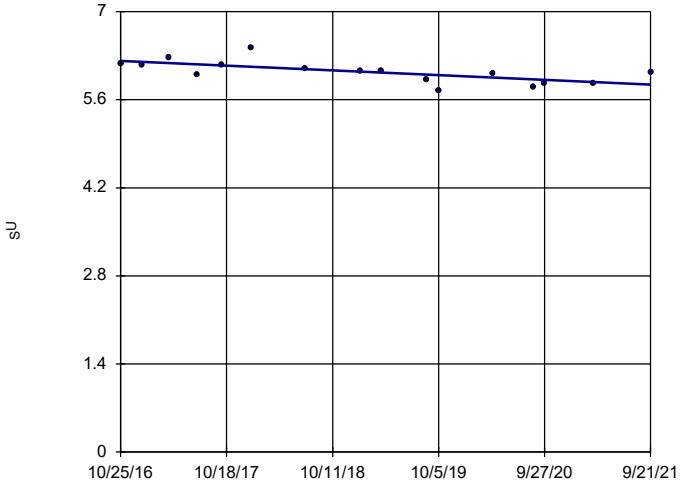
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Fluoride Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-7 (bg)



n = 16

Slope = -0.07621
units per year.

Mann-Kendall
statistic = -65
critical = -58

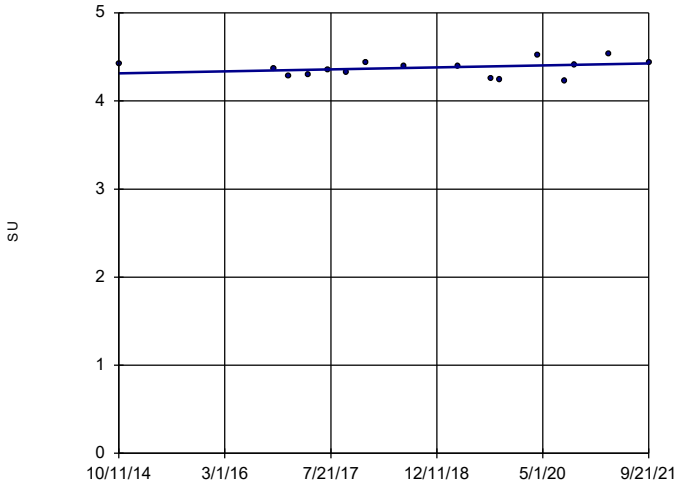
Decreasing trend
significant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: pH Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-8 (bg)



n = 16

Slope = 0.01642 units per year.

Mann-Kendall statistic = 18 critical = 58

Trend not significant at 99% confidence level (α = 0.005 per tail).

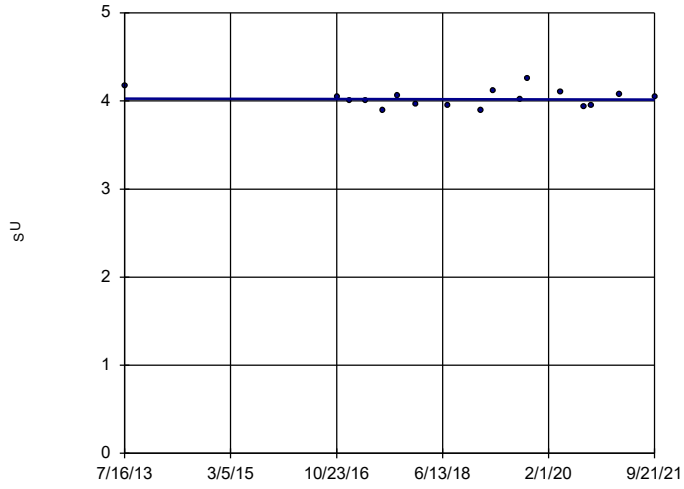
Constituent: pH Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-12



n = 17

Slope = -0.00126 units per year.

Mann-Kendall statistic = -2 critical = -63

Trend not significant at 99% confidence level (α = 0.005 per tail).

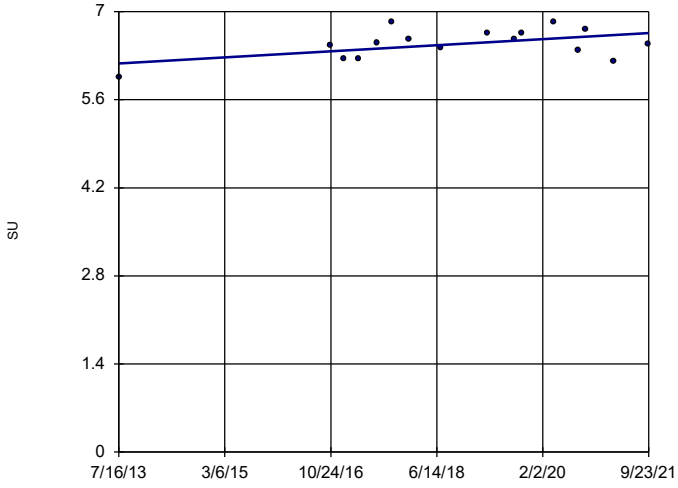
Constituent: pH Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-15



n = 16

Slope = 0.05848 units per year.

Mann-Kendall statistic = 30 critical = 58

Trend not significant at 99% confidence level (α = 0.005 per tail).

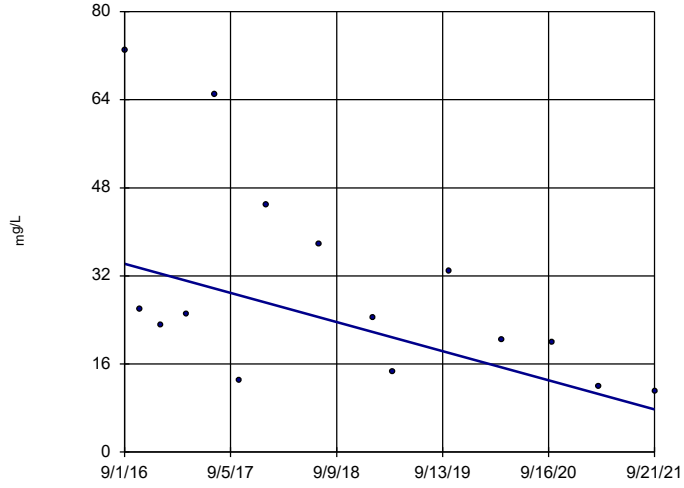
Constituent: pH Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-7 (bg)



n = 15

Slope = -5.236 units per year.

Mann-Kendall statistic = -55 critical = -53

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

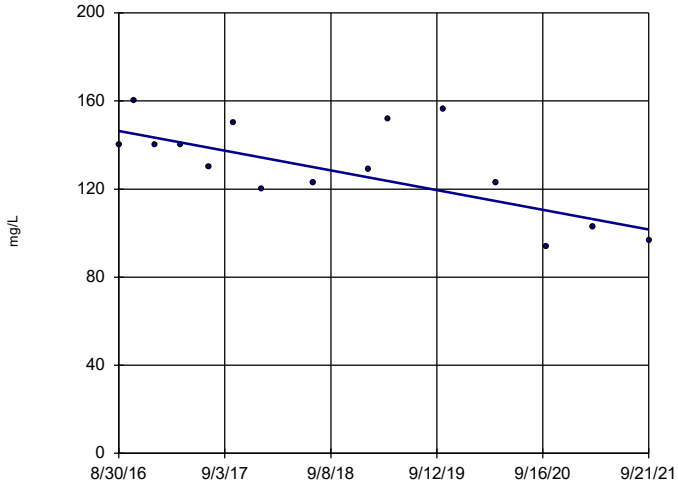
Constituent: Sulfate Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWA-8 (bg)



n = 15

Slope = -8.833 units per year.

Mann-Kendall statistic = -45 critical = -53

Trend not significant at 99% confidence level (α = 0.005 per tail).

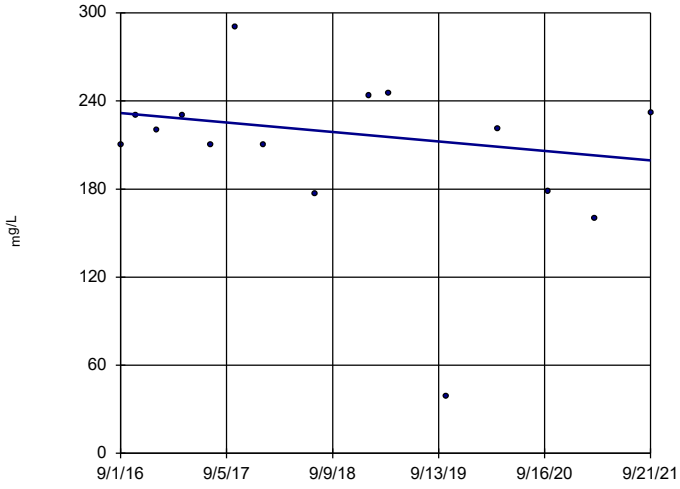
Constituent: Sulfate Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWB-4R



n = 15

Slope = -6.377 units per year.

Mann-Kendall statistic = -13 critical = -53

Trend not significant at 99% confidence level (α = 0.005 per tail).

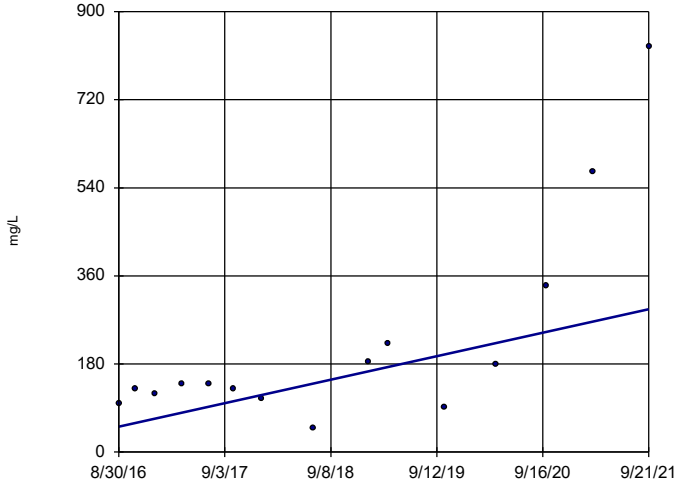
Constituent: Sulfate Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWB-5R



n = 15

Slope = 47.47 units per year.

Mann-Kendall statistic = 51 critical = 53

Trend not significant at 99% confidence level (α = 0.005 per tail).

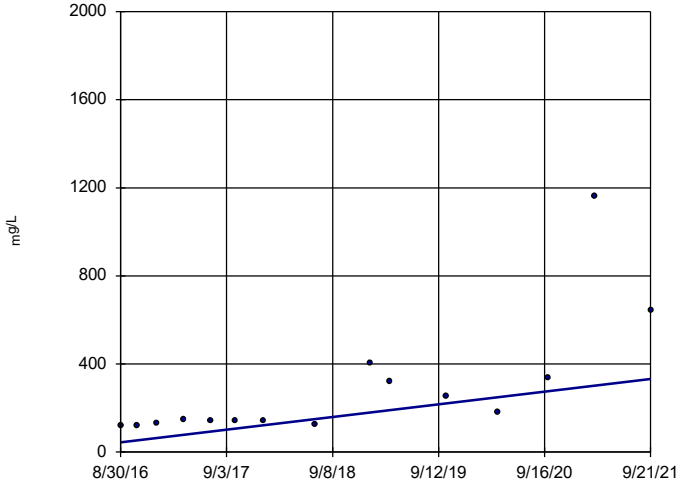
Constituent: Sulfate Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWB-6R



n = 15

Slope = 57.03 units per year.

Mann-Kendall statistic = 69 critical = 53

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

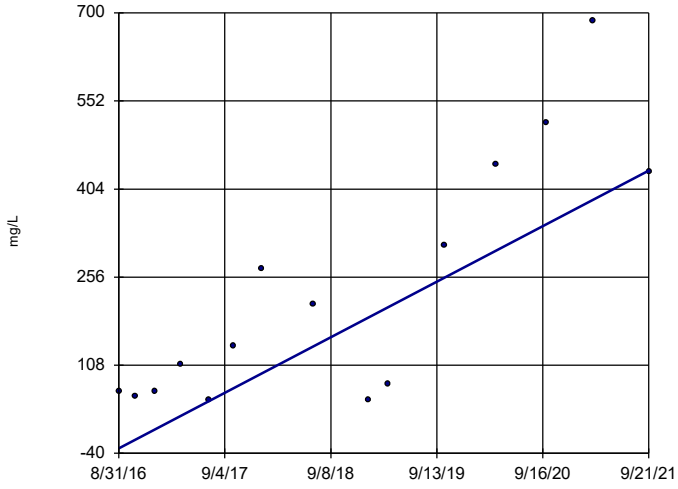
Constituent: Sulfate Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-11



n = 15

Slope = 92.22 units per year.

Mann-Kendall statistic = 65 critical = 53

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

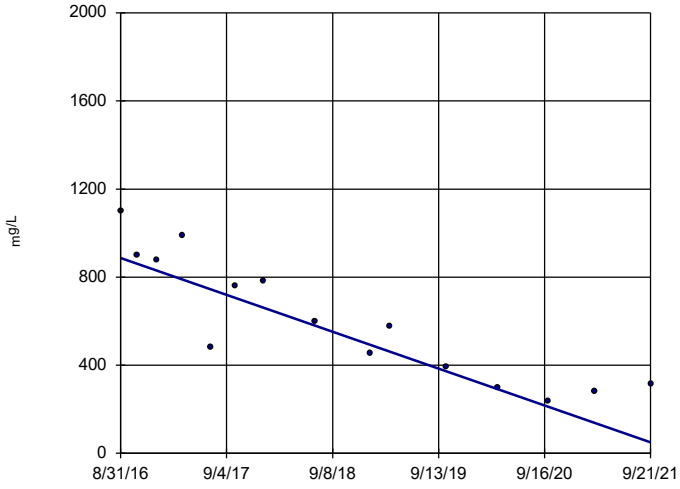
Constituent: Sulfate Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-12



n = 15

Slope = -165.3 units per year.

Mann-Kendall statistic = -81 critical = -53

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

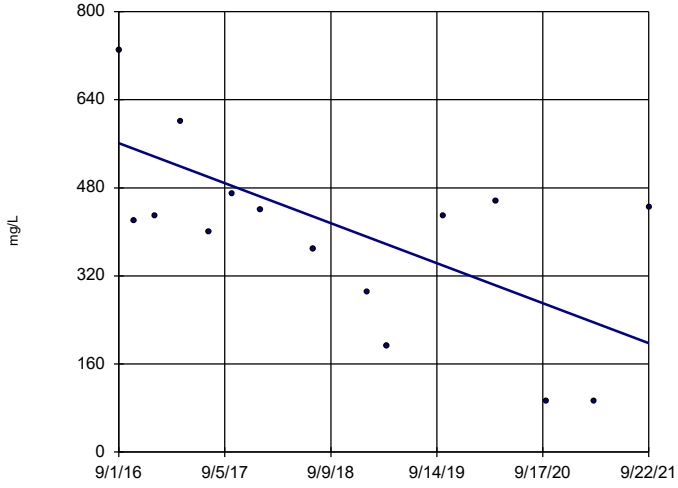
Constituent: Sulfate Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-14



n = 15

Slope = -71.81 units per year.

Mann-Kendall statistic = -41 critical = -53

Trend not significant at 99% confidence level (α = 0.005 per tail).

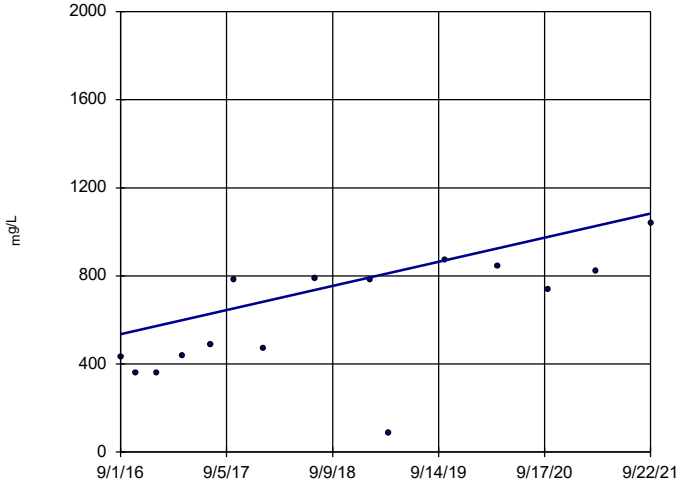
Constituent: Sulfate Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-16



n = 15

Slope = 108.2 units per year.

Mann-Kendall statistic = 59 critical = 53

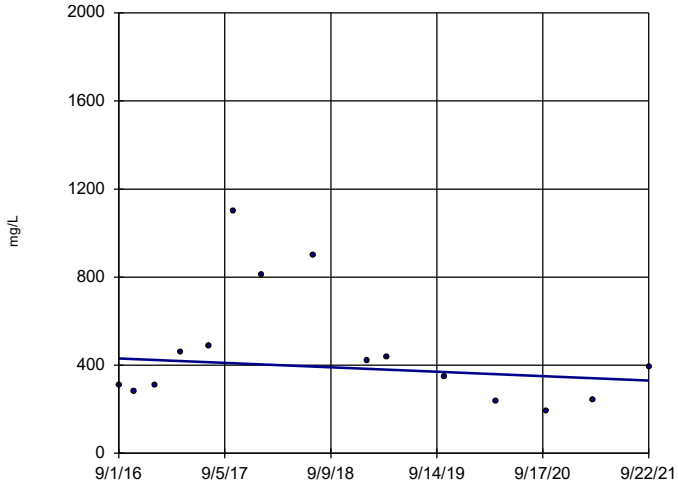
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sen's Slope Estimator

GWC-17



n = 15

Slope = -19.71 units per year.

Mann-Kendall statistic = -18 critical = -53

Trend not significant at 99% confidence level (α = 0.005 per tail).

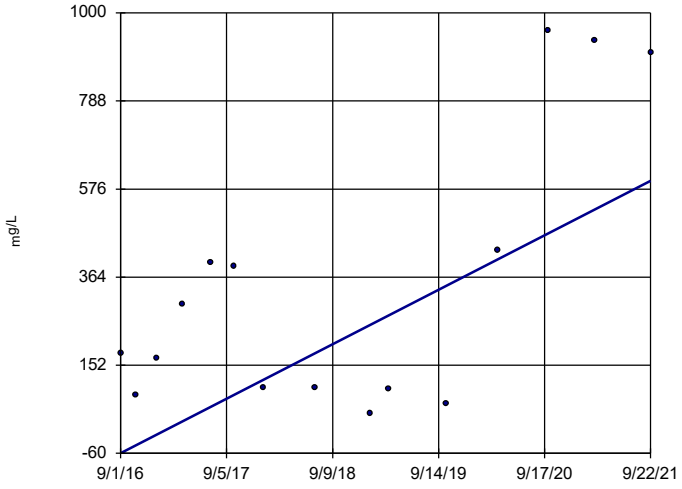
Constituent: Sulfate Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-20



n = 15

Slope = 129.5 units per year.

Mann-Kendall statistic = 25 critical = 53

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 11/20/2021 2:38 PM View: Trend Tests - AppIII PL Exceedances

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

FIGURE H.

Upper Tolerance Limits Summary Table

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/24/2021, 2:17 PM

Constituent	Upper Lim.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	0.003	123	n/a	n/a	95.12	n/a	n/a	0.00182	NP Inter(NDs)
Arsenic (mg/L)	0.0287	123	n/a	n/a	77.24	n/a	n/a	0.00182	NP Inter(NDs)
Barium (mg/L)	0.22	121	n/a	n/a	0	n/a	n/a	0.002016	NP Inter(normality)
Beryllium (mg/L)	0.0025	43	n/a	n/a	51.16	n/a	n/a	0.1102	NP Inter(normality)
Cadmium (mg/L)	0.0007	41	n/a	n/a	95.12	n/a	n/a	0.1221	NP Inter(NDs)
Chromium (mg/L)	0.068	122	n/a	n/a	62.3	n/a	n/a	0.001915	NP Inter(normality)
Cobalt (mg/L)	0.0102	42	n/a	n/a	52.38	n/a	n/a	0.116	NP Inter(normality)
Combined Radium 226 + 228 (pCi/L)	32.08	30	1.458	0.9054	0	None	ln(x)	0.05	Inter
Fluoride (mg/L)	0.4502	34	-2.29	0.6855	23.53	Kaplan-Meier	ln(x)	0.05	Inter
Lead (mg/L)	0.013	119	n/a	n/a	75.63	n/a	n/a	0.002234	NP Inter(NDs)
Lithium (mg/L)	0.03	30	n/a	n/a	73.33	n/a	n/a	0.2146	NP Inter(normality)
Mercury (mg/L)	0.0002	24	n/a	n/a	79.17	n/a	n/a	0.292	NP Inter(NDs)
Molybdenum (mg/L)	0.01	30	n/a	n/a	90	n/a	n/a	0.2146	NP Inter(NDs)
Selenium (mg/L)	0.0438	123	n/a	n/a	83.74	n/a	n/a	0.00182	NP Inter(NDs)
Thallium (mg/L)	0.001	62	n/a	n/a	93.55	n/a	n/a	0.04158	NP Inter(NDs)
Vanadium (mg/L)	0.425	117	n/a	n/a	63.25	n/a	n/a	0.002475	NP Inter(normality)
Zinc (mg/L)	0.16	115	n/a	n/a	26.96	n/a	n/a	0.002743	NP Inter(normality)

FIGURE I.

GRUMMAN ROAD LANDFILL GWPS			
Constituent Name	**MCL**	**Background Limit**	**GWPS**
Antimony, Total (mg/L)	0.006	0.003	0.006
Arsenic, Total (mg/L)	0.01	0.029	0.029
Barium, Total (mg/L)	2	0.22	2
Beryllium, Total (mg/L)	0.004	0.0025	0.004
Cadmium, Total (mg/L)	0.005	0.0007	0.005
Chromium, Total (mg/L)	0.1	0.068	0.1
Cobalt, Total (mg/L)	n/a	0.01	0.01
Combined Radium, Total (pCi/L)	5	32.08	32.08
Fluoride, Total (mg/L)	4	0.45	4
Lead, Total (mg/L)	n/a	0.013	0.013
Lithium, Total (mg/L)	n/a	0.03	0.03
Mercury, Total (mg/L)	0.002	0.0002	0.002
Molybdenum, Total (mg/L)	n/a	0.01	0.01
Selenium, Total (mg/L)	0.05	0.044	0.05
Thallium, Total (mg/L)	0.002	0.001	0.002
Vanadium, Total (mg/L)	n/a	0.43	0.43
Zinc, Total (mg/L)	n/a	0.16	0.16

**Highlighted cells indicated Background is higher than MCLs*

**MCL = Maximum Contaminant Level*

**GWPS = Groundwater Protection Standard*

FIGURE J.

Confidence Intervals - Significant Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 11:04 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic (mg/L)	**GWC-15**	**0.1637**	**0.07185**	**0.029**	**Yes**	**19**	**0.1178**	**0.07842**	**0**	**None**	**No**	**0.01**	**Param.**
Arsenic (mg/L)	**GWC-16**	**0.08029**	**0.061**	**0.029**	**Yes**	**20**	**0.07065**	**0.01699**	**0**	**None**	**No**	**0.01**	**Param.**
Arsenic (mg/L)	**GWC-20**	**0.356**	**0.2756**	**0.029**	**Yes**	**19**	**0.3158**	**0.06866**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	**GWB-4R**	**0.13**	**0.0237**	**0.01**	**Yes**	**15**	**0.07218**	**0.05409**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Molybdenum (mg/L)	**GWC-1**	**0.1579**	**0.06845**	**0.01**	**Yes**	**15**	**0.1132**	**0.06604**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	**GWC-15**	**0.1119**	**0.09163**	**0.01**	**Yes**	**15**	**0.1017**	**0.01493**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	**GWC-16**	**0.214**	**0.1235**	**0.01**	**Yes**	**15**	**0.1688**	**0.06681**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	**GWC-20**	**0.3095**	**0.1197**	**0.01**	**Yes**	**15**	**0.226**	**0.1527**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Molybdenum (mg/L)	**GWC-21**	**0.05906**	**0.01743**	**0.01**	**Yes**	**15**	**0.03825**	**0.03071**	**0**	**None**	**No**	**0.01**	**Param.**

Confidence Intervals - All Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 11:04 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWB-4R	0.003	0.0003	0.006	No	19	0.002858	0.0006194	94.74	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWB-5R	0.003	0.0013	0.006	No	19	0.002639	0.0008742	84.21	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWB-6R	0.003	0.00059	0.006	No	19	0.002731	0.0008087	89.47	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-1	0.003	0.0016	0.006	No	19	0.002539	0.0009428	78.95	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-11	0.003	0.00051	0.006	No	19	0.00174	0.001234	47.37	None	No	0.01	NP (normality)
Antimony (mg/L)	GWC-12	0.003	0.0003	0.006	No	19	0.002858	0.0006194	94.74	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-13	0.003	0.0006	0.006	No	19	0.002874	0.0005506	94.74	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-14	0.003	0.003	0.006	No	20	0.003	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-15	0.003	0.0018	0.006	No	19	0.002937	0.0002753	94.74	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-16	0.003	0.003	0.006	No	20	0.003	0	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-17	0.003	0.0014	0.006	No	19	0.002778	0.0006847	89.47	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-2	0.003	0.0016	0.006	No	19	0.002837	0.0004913	89.47	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-20	0.003	0.0019	0.006	No	19	0.002818	0.0005824	89.47	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-21	0.003	0.00033	0.006	No	19	0.002859	0.0006125	94.74	None	No	0.01	NP (NDs)
Antimony (mg/L)	GWC-22	0.003	0.0016	0.006	No	19	0.002481	0.0009731	73.68	None	No	0.01	NP (normality)
Antimony (mg/L)	GWC-9	0.003	0.0016	0.006	No	19	0.002786	0.0006757	89.47	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWB-4R	0.003063	0.001864	0.029	No	19	0.002529	0.001085	10.53	None	sqrt(x)	0.01	Param.
Arsenic (mg/L)	GWB-5R	0.005	0.001	0.029	No	19	0.002516	0.001817	26.32	None	No	0.01	NP (normality)
Arsenic (mg/L)	GWB-6R	0.005	0.0014	0.029	No	19	0.003202	0.001749	26.32	None	No	0.01	NP (normality)
Arsenic (mg/L)	GWC-1	0.005182	0.002158	0.029	No	18	0.004661	0.005815	0	None	ln(x)	0.01	Param.
Arsenic (mg/L)	GWC-12	0.005	0.0009	0.029	No	19	0.004332	0.001587	84.21	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-13	0.005	0.0006	0.029	No	19	0.004536	0.00139	89.47	None	No	0.01	NP (NDs)
Arsenic (mg/L)	GWC-14	0.002822	0.001785	0.029	No	20	0.002446	0.001175	15	None	ln(x)	0.01	Param.
Arsenic (mg/L)	**GWC-15**	**0.1637**	**0.07185**	**0.029**	**Yes**	**19**	**0.1178**	**0.07842**	**0**	**None**	**No**	**0.01**	**Param.**
Arsenic (mg/L)	**GWC-16**	**0.08029**	**0.061**	**0.029**	**Yes**	**20**	**0.07065**	**0.01699**	**0**	**None**	**No**	**0.01**	**Param.**
Arsenic (mg/L)	GWC-17	0.005	0.0011	0.029	No	19	0.002627	0.001879	36.84	None	No	0.01	NP (normality)
Arsenic (mg/L)	GWC-2	0.005	0.00094	0.029	No	19	0.004312	0.001635	84.21	None	No	0.01	NP (NDs)
Arsenic (mg/L)	**GWC-20**	**0.356**	**0.2756**	**0.029**	**Yes**	**19**	**0.3158**	**0.06866**	**0**	**None**	**No**	**0.01**	**Param.**
Arsenic (mg/L)	GWC-21	0.004545	0.002687	0.029	No	19	0.004453	0.001822	36.84	Kaplan-Meier	sqrt(x)	0.01	Param.
Arsenic (mg/L)	GWC-22	0.005	0.0011	0.029	No	19	0.003188	0.002025	52.63	None	No	0.01	NP (normality)
Arsenic (mg/L)	GWC-9	0.005	0.00084	0.029	No	19	0.004781	0.0009544	94.74	None	No	0.01	NP (NDs)
Barium (mg/L)	GWB-4R	0.09302	0.07854	2	No	19	0.08605	0.01279	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	GWB-5R	0.1489	0.09276	2	No	19	0.1249	0.05511	0	None	x^(1/3)	0.01	Param.
Barium (mg/L)	GWB-6R	0.107	0.014	2	No	19	0.07173	0.04152	0	None	No	0.01	NP (normality)
Barium (mg/L)	GWC-1	0.05725	0.05085	2	No	19	0.05405	0.005465	0	None	No	0.01	Param.
Barium (mg/L)	GWC-11	0.1175	0.06851	2	No	19	0.09299	0.04181	0	None	No	0.01	Param.
Barium (mg/L)	GWC-12	0.0197	0.017	2	No	19	0.01916	0.004257	0	None	No	0.01	NP (normality)
Barium (mg/L)	GWC-13	0.02726	0.02086	2	No	19	0.02406	0.005463	0	None	No	0.01	Param.
Barium (mg/L)	GWC-14	0.038	0.025	2	No	20	0.03986	0.02416	0	None	No	0.01	NP (normality)
Barium (mg/L)	GWC-15	0.04873	0.03897	2	No	19	0.04385	0.008331	0	None	No	0.01	Param.
Barium (mg/L)	GWC-16	0.146	0.06573	2	No	18	0.1121	0.07648	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	GWC-17	0.107	0.04768	2	No	19	0.08256	0.05661	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	GWC-2	0.054	0.049	2	No	18	0.05311	0.007646	0	None	No	0.01	NP (normality)
Barium (mg/L)	GWC-20	0.34	0.0788	2	No	19	0.163	0.1172	0	None	No	0.01	NP (normality)
Barium (mg/L)	GWC-21	0.0954	0.0509	2	No	19	0.08036	0.04847	0	None	ln(x)	0.01	Param.
Barium (mg/L)	GWC-22	0.09382	0.05954	2	No	19	0.07668	0.02927	0	None	No	0.01	Param.
Barium (mg/L)	GWC-9	0.2544	0.1839	2	No	19	0.2192	0.06021	0	None	No	0.01	Param.
Beryllium (mg/L)	GWB-4R	0.0005	0.0001	0.004	No	15	0.00036	0.000192	60	None	No	0.01	NP (normality)
Beryllium (mg/L)	GWB-5R	0.0001724	0.00007737	0.004	No	15	0.0002335	0.0001598	20	Kaplan-Meier	sqrt(x)	0.01	Param.
Beryllium (mg/L)	GWB-6R	0.0005	0.00005	0.004	No	15	0.0004397	0.000159	86.67	Kaplan-Meier	No	0.01	NP (NDs)
Beryllium (mg/L)	GWC-11	0.0005	0.000047	0.004	No	15	0.0004698	0.000117	93.33	Kaplan-Meier	No	0.01	NP (NDs)
Beryllium (mg/L)	GWC-12	0.0007761	0.0005017	0.004	No	15	0.0006567	0.0002292	0	None	ln(x)	0.01	Param.
Beryllium (mg/L)	GWC-13	0.0005	0.000058	0.004	No	15	0.0004705	0.0001141	93.33	None	No	0.01	NP (NDs)
Beryllium (mg/L)	GWC-14	0.0005	0.0001	0.004	No	15	0.0004168	0.0001724	80	None	No	0.01	NP (NDs)
Beryllium (mg/L)	GWC-16	0.0005	0.000068	0.004	No	15	0.0002223	0.0002036	33.33	None	No	0.01	NP (normality)

Confidence Intervals - All Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 11:04 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Beryllium (mg/L)	GWC-17	0.0034	0.0014	0.004	No	15	0.002167	0.0009123	0	None	No	0.01	NP (normality)
Beryllium (mg/L)	GWC-2	0.0005	0.000075	0.004	No	16	0.0003548	0.0002009	62.5	None	No	0.01	NP (normality)
Beryllium (mg/L)	GWC-22	0.0005	0.00009	0.004	No	15	0.0003224	0.0001999	53.33	None	No	0.01	NP (normality)
Beryllium (mg/L)	GWC-9	0.0003	0.00019	0.004	No	15	0.0002413	0.00005153	0	None	No	0.01	NP (normality)
Cadmium (mg/L)	GWB-4R	0.0005	0.0002	0.005	No	15	0.0004053	0.0001651	73.33	None	No	0.01	NP (normality)
Cadmium (mg/L)	GWC-1	0.0005	0.0001	0.005	No	15	0.0004447	0.0001461	86.67	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-11	0.0005824	0.0002696	0.005	No	15	0.000426	0.0002307	6.667	None	No	0.01	Param.
Cadmium (mg/L)	GWC-14	0.0005	0.00017	0.005	No	15	0.000346	0.0001727	53.33	None	No	0.01	NP (normality)
Cadmium (mg/L)	GWC-20	0.0005	0.00018	0.005	No	15	0.000454	0.0001218	86.67	None	No	0.01	NP (NDs)
Cadmium (mg/L)	GWC-22	0.0005	0.0001	0.005	No	15	0.0003033	0.0001794	33.33	None	No	0.01	NP (normality)
Chromium (mg/L)	GWB-4R	0.0106	0.0022	0.1	No	19	0.006516	0.00453	0	None	No	0.01	NP (normality)
Chromium (mg/L)	GWB-5R	0.0055	0.0011	0.1	No	19	0.007084	0.01598	26.32	None	No	0.01	NP (normality)
Chromium (mg/L)	GWB-6R	0.006091	0.002106	0.1	No	19	0.005358	0.005239	0	None	ln(x)	0.01	Param.
Chromium (mg/L)	GWC-1	0.0024	0.0016	0.1	No	19	0.002347	0.001215	5.263	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-11	0.005	0.00091	0.1	No	19	0.002893	0.002607	36.84	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-12	0.0028	0.00091	0.1	No	19	0.001992	0.001654	21.05	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-13	0.005	0.00077	0.1	No	19	0.003067	0.002112	52.63	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-14	0.005	0.0008	0.1	No	20	0.002533	0.002077	40	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-15	0.005	0.0013	0.1	No	19	0.002611	0.001729	31.58	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-16	0.005	0.00099	0.1	No	20	0.002883	0.002545	35	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-17	0.005	0.0009	0.1	No	19	0.002532	0.002004	31.58	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-2	0.005	0.00069	0.1	No	19	0.003217	0.002151	57.89	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-20	0.005	0.0009	0.1	No	19	0.002499	0.001969	36.84	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-21	0.005	0.00065	0.1	No	19	0.003013	0.00272	42.11	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-22	0.005	0.00057	0.1	No	19	0.002915	0.002259	52.63	None	No	0.01	NP (normality)
Chromium (mg/L)	GWC-9	0.005	0.0011	0.1	No	19	0.002657	0.001871	36.84	None	No	0.01	NP (normality)
Cobalt (mg/L)	GWB-4R	0.0024	0.00072	0.01	No	15	0.001567	0.001462	13.33	None	No	0.01	NP (normality)
Cobalt (mg/L)	GWB-5R	0.0057	0.00056	0.01	No	15	0.004619	0.004413	46.67	None	No	0.01	NP (normality)
Cobalt (mg/L)	GWB-6R	0.005	0.0049	0.01	No	15	0.004685	0.001191	86.67	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-11	0.005	0.00055	0.01	No	15	0.003805	0.002054	73.33	None	No	0.01	NP (normality)
Cobalt (mg/L)	GWC-12	0.001299	0.000794	0.01	No	15	0.001047	0.0003729	0	None	No	0.01	Param.
Cobalt (mg/L)	GWC-14	0.005	0.0003	0.01	No	15	0.004687	0.001214	93.33	None	No	0.01	NP (NDs)
Cobalt (mg/L)	GWC-17	0.007	0.0023	0.01	No	15	0.0044	0.002202	0	None	No	0.01	NP (normality)
Cobalt (mg/L)	GWC-2	0.005	0.00032	0.01	No	16	0.003586	0.002173	68.75	None	No	0.01	NP (normality)
Cobalt (mg/L)	GWC-22	0.005	0.0007	0.01	No	15	0.003296	0.002164	60	None	No	0.01	NP (normality)
Cobalt (mg/L)	GWC-9	0.0017	0.00096	0.01	No	15	0.00137	0.0004019	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	GWB-4R	5	2.32	32.08	No	15	3.347	1.201	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	GWB-5R	3.969	2.219	32.08	No	15	3.159	1.448	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	GWB-6R	4.896	2.672	32.08	No	15	3.784	1.641	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	GWC-1	2.242	1.575	32.08	No	15	1.909	0.4917	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	GWC-11	6.613	3.152	32.08	No	15	4.882	2.553	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	GWC-12	2.873	1.74	32.08	No	15	2.306	0.8361	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	GWC-13	1.437	0.8095	32.08	No	15	1.123	0.4631	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	GWC-14	1.332	0.6666	32.08	No	15	0.9992	0.4909	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	GWC-15	1.798	1.078	32.08	No	15	1.438	0.5313	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	GWC-16	2.73	1.711	32.08	No	15	2.292	0.8809	0	None	ln(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	GWC-17	4.006	2.724	32.08	No	15	3.365	0.9459	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	GWC-2	0.9857	0.6494	32.08	No	15	0.8175	0.2481	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	GWC-20	4.69	1.992	32.08	No	15	3.341	1.991	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	GWC-21	2.419	1.167	32.08	No	15	1.793	0.9233	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	GWC-22	6.641	3.426	32.08	No	15	5.17	2.244	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	GWC-9	3.31	2.08	32.08	No	15	3.119	1.557	0	None	No	0.01	NP (normality)
Fluoride (mg/L)	GWB-4R	0.17	0.08	4	No	17	0.175	0.2746	58.82	None	No	0.01	NP (normality)
Fluoride (mg/L)	GWB-5R	0.11	0.05	4	No	17	0.09018	0.04055	52.94	None	No	0.01	NP (normality)
Fluoride (mg/L)	GWB-6R	0.13	0.09	4	No	17	0.1194	0.06228	47.06	None	No	0.01	NP (normality)

Confidence Intervals - All Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 11:04 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	GWC-1	0.18	0.051	4	No	17	0.1054	0.04055	76.47	None	No	0.01	NP (NDs)
Fluoride (mg/L)	GWC-12	0.769	0.267	4	No	17	0.518	0.4006	5.882	None	No	0.01	Param.
Fluoride (mg/L)	GWC-13	0.55	0.09	4	No	17	0.1231	0.1106	82.35	None	No	0.01	NP (NDs)
Fluoride (mg/L)	GWC-14	0.25	0.1	4	No	17	0.1753	0.1291	64.71	None	No	0.01	NP (normality)
Fluoride (mg/L)	GWC-15	0.13	0.06	4	No	17	0.1329	0.1003	70.59	None	No	0.01	NP (normality)
Fluoride (mg/L)	GWC-16	0.2	0.1	4	No	17	0.1894	0.2129	58.82	None	No	0.01	NP (normality)
Fluoride (mg/L)	GWC-17	1.295	0.5764	4	No	17	0.9359	0.5738	5.882	None	No	0.01	Param.
Fluoride (mg/L)	GWC-2	0.17	0.08	4	No	17	0.1261	0.1296	58.82	None	No	0.01	NP (normality)
Fluoride (mg/L)	GWC-20	0.14	0.043	4	No	17	0.09076	0.02894	76.47	None	No	0.01	NP (NDs)
Fluoride (mg/L)	GWC-21	0.1	0.071	4	No	17	0.09829	0.007034	94.12	None	No	0.01	NP (NDs)
Fluoride (mg/L)	GWC-22	0.12	0.1	4	No	17	0.09235	0.02488	64.71	None	No	0.01	NP (normality)
Fluoride (mg/L)	GWC-9	0.2566	0.09976	4	No	17	0.2195	0.2288	5.882	None	ln(x)	0.01	Param.
Lead (mg/L)	GWB-4R	0.003133	0.0006645	0.013	No	18	0.003221	0.00299	16.67	Kaplan-Meier	ln(x)	0.01	Param.
Lead (mg/L)	GWB-5R	0.0011	0.0002	0.013	No	19	0.0007701	0.0006197	36.84	None	No	0.01	NP (normality)
Lead (mg/L)	GWB-6R	0.001	0.00014	0.013	No	19	0.000604	0.0004143	42.11	None	No	0.01	NP (normality)
Lead (mg/L)	GWC-1	0.001	0.00012	0.013	No	19	0.0008086	0.0003811	78.95	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-11	0.00042	0.0002	0.013	No	19	0.0003795	0.0002877	15.79	None	No	0.01	NP (normality)
Lead (mg/L)	GWC-12	0.001	0.000068	0.013	No	19	0.0005737	0.0008023	31.58	None	No	0.01	NP (normality)
Lead (mg/L)	GWC-13	0.001	0.00013	0.013	No	19	0.0006095	0.0004401	31.58	None	No	0.01	NP (normality)
Lead (mg/L)	GWC-14	0.001	0.00051	0.013	No	20	0.0008395	0.0003396	80	None	No	0.01	NP (NDs)
Lead (mg/L)	GWC-15	0.001	0.00009	0.013	No	19	0.000554	0.0004405	47.37	None	No	0.01	NP (normality)
Lead (mg/L)	GWC-16	0.001	0.0001	0.013	No	20	0.0004832	0.000435	40	None	No	0.01	NP (normality)
Lead (mg/L)	GWC-17	0.001	0.00014	0.013	No	19	0.0006697	0.0004345	57.89	None	No	0.01	NP (normality)
Lead (mg/L)	GWC-2	0.001	0.0002	0.013	No	19	0.0007308	0.0004106	68.42	None	No	0.01	NP (normality)
Lead (mg/L)	GWC-20	0.001	0.00018	0.013	No	19	0.0007692	0.0003979	73.68	None	No	0.01	NP (normality)
Lead (mg/L)	GWC-21	0.001	0.0001	0.013	No	19	0.0006323	0.0004452	57.89	None	No	0.01	NP (normality)
Lead (mg/L)	GWC-22	0.0008128	0.0003366	0.013	No	19	0.0006984	0.0006477	10.53	None	ln(x)	0.01	Param.
Lead (mg/L)	GWC-9	0.001	0.000096	0.013	No	19	0.0006113	0.0004423	52.63	None	No	0.01	NP (normality)
Lithium (mg/L)	GWB-4R	0.014	0.0041	0.03	No	15	0.00902	0.004665	0	None	No	0.01	NP (normality)
Lithium (mg/L)	GWB-5R	0.03	0.0031	0.03	No	15	0.01777	0.01355	53.33	None	No	0.01	NP (normality)
Lithium (mg/L)	GWC-12	0.03	0.00091	0.03	No	15	0.01259	0.01472	40	None	No	0.01	NP (normality)
Lithium (mg/L)	GWC-13	0.03	0.00087	0.03	No	15	0.02806	0.007521	93.33	None	No	0.01	NP (NDs)
Lithium (mg/L)	GWC-17	0.006795	0.004938	0.03	No	15	0.005867	0.00137	0	None	No	0.01	Param.
Lithium (mg/L)	GWC-9	0.002074	0.001769	0.03	No	14	0.001921	0.0002155	0	None	No	0.01	Param.
Mercury (mg/L)	GWB-4R	0.0002	0.0001	0.002	No	12	0.0001791	0.00005005	83.33	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWB-5R	0.0002	0.0001	0.002	No	13	0.0001923	0.00002774	92.31	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWB-6R	0.0002	0.0001	0.002	No	12	0.0001786	0.00005147	83.33	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWC-1	0.0002	0.0001	0.002	No	12	0.0001783	0.00005219	83.33	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWC-11	0.0002	0.0001	0.002	No	12	0.0001917	0.00002887	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWC-12	0.0002	0.0001	0.002	No	12	0.0001917	0.00002887	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWC-13	0.0002	0.00013	0.002	No	12	0.0001858	0.0000337	83.33	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWC-14	0.0002	0.00011	0.002	No	12	0.0001925	0.00002598	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWC-15	0.0002	0.0001	0.002	No	12	0.0001917	0.00002887	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWC-16	0.0002	0.0001	0.002	No	12	0.0001917	0.00002887	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWC-17	0.0002	0.00011	0.002	No	12	0.0001925	0.00002598	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWC-2	0.0002	0.0001	0.002	No	13	0.0001923	0.00002774	92.31	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWC-20	0.0002	0.00011	0.002	No	12	0.0001925	0.00002598	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWC-21	0.0002	0.00011	0.002	No	12	0.0001925	0.00002598	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWC-22	0.0002	0.0001	0.002	No	12	0.0001917	0.00002887	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	GWC-9	0.0002	0.00011	0.002	No	12	0.00018	0.00004843	83.33	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	**GWB-4R**	**0.13**	**0.0237**	**0.01**	**Yes**	**15**	**0.07218**	**0.05409**	**0**	**None**	**No**	**0.01**	**NP (normality)**
Molybdenum (mg/L)	GWB-5R	0.01	0.0012	0.01	No	15	0.009413	0.002272	93.33	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	GWB-6R	0.01	0.0013	0.01	No	15	0.007725	0.003922	73.33	None	No	0.01	NP (normality)
Molybdenum (mg/L)	**GWC-1**	**0.1579**	**0.06845**	**0.01**	**Yes**	**15**	**0.1132**	**0.06604**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	GWC-11	0.01	0.0018	0.01	No	15	0.008838	0.003073	86.67	None	No	0.01	NP (NDs)

Confidence Intervals - All Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 11:04 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Molybdenum (mg/L)	GWC-13	0.01	0.0056	0.01	No	15	0.009707	0.001136	93.33	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	GWC-14	0.01276	0.00333	0.01	No	15	0.01026	0.01011	0	None	ln(x)	0.01	Param.
Molybdenum (mg/L)	**GWC-15**	**0.1119**	**0.09163**	**0.01**	**Yes**	**15**	**0.1017**	**0.01493**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	**GWC-16**	**0.214**	**0.1235**	**0.01**	**Yes**	**15**	**0.1688**	**0.06681**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	GWC-17	0.01	0.0036	0.01	No	15	0.006941	0.003507	53.33	None	No	0.01	NP (normality)
Molybdenum (mg/L)	**GWC-20**	**0.3095**	**0.1197**	**0.01**	**Yes**	**15**	**0.226**	**0.1527**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Molybdenum (mg/L)	**GWC-21**	**0.05906**	**0.01743**	**0.01**	**Yes**	**15**	**0.03825**	**0.03071**	**0**	**None**	**No**	**0.01**	**Param.**
Selenium (mg/L)	GWB-4R	0.003986	0.002596	0.05	No	19	0.004163	0.001269	42.11	Kaplan-Meier	No	0.01	Param.
Selenium (mg/L)	GWB-5R	0.006	0.0033	0.05	No	19	0.004916	0.001035	78.95	Kaplan-Meier	No	0.01	NP (NDs)
Selenium (mg/L)	GWB-6R	0.005	0.0023	0.05	No	19	0.006584	0.0106	63.16	None	No	0.01	NP (normality)
Selenium (mg/L)	GWC-1	0.005	0.0018	0.05	No	19	0.003611	0.004842	10.53	None	No	0.01	NP (normality)
Selenium (mg/L)	GWC-11	0.007249	0.003213	0.05	No	19	0.006784	0.00553	21.05	Kaplan-Meier	ln(x)	0.01	Param.
Selenium (mg/L)	GWC-12	0.005	0.003	0.05	No	19	0.004442	0.001129	78.95	Kaplan-Meier	No	0.01	NP (NDs)
Selenium (mg/L)	GWC-14	0.004438	0.00297	0.05	No	20	0.003704	0.001293	5	None	No	0.01	Param.
Selenium (mg/L)	GWC-15	0.005174	0.002026	0.05	No	19	0.005374	0.00293	47.37	Kaplan-Meier	sqrt(x)	0.01	Param.
Selenium (mg/L)	GWC-16	0.005553	0.003634	0.05	No	20	0.004593	0.00169	5	None	No	0.01	Param.
Selenium (mg/L)	GWC-17	0.005	0.0013	0.05	No	19	0.003474	0.001772	52.63	None	No	0.01	NP (normality)
Selenium (mg/L)	GWC-2	0.005	0.0035	0.05	No	19	0.004763	0.0007522	89.47	None	No	0.01	NP (NDs)
Selenium (mg/L)	GWC-20	0.005	0.0014	0.05	No	19	0.003911	0.001662	68.42	None	No	0.01	NP (normality)
Selenium (mg/L)	GWC-21	0.02088	0.01127	0.05	No	19	0.01607	0.0082	0	None	No	0.01	Param.
Selenium (mg/L)	GWC-22	0.005	0.0023	0.05	No	19	0.004311	0.001396	78.95	None	No	0.01	NP (NDs)
Selenium (mg/L)	GWC-9	0.005	0.005	0.05	No	19	0.005	0	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	GWB-4R	0.001	0.00007	0.002	No	15	0.000876	0.0003272	86.67	None	No	0.01	NP (NDs)
Thallium (mg/L)	GWB-5R	0.001	0.00031	0.002	No	15	0.0008911	0.0002912	86.67	None	No	0.01	NP (NDs)
Thallium (mg/L)	GWC-1	0.001	0.000054	0.002	No	15	0.0008105	0.0003922	80	None	No	0.01	NP (NDs)
Thallium (mg/L)	GWC-11	0.001	0.000098	0.002	No	15	0.0005412	0.0004466	46.67	None	No	0.01	NP (normality)
Thallium (mg/L)	GWC-12	0.001	0.00014	0.002	No	15	0.0005653	0.000423	46.67	None	No	0.01	NP (normality)
Thallium (mg/L)	GWC-14	0.001	0.00007	0.002	No	15	0.0008753	0.000329	86.67	None	No	0.01	NP (NDs)
Thallium (mg/L)	GWC-16	0.001	0.00006	0.002	No	15	0.000874	0.0003325	86.67	None	No	0.01	NP (NDs)
Thallium (mg/L)	GWC-17	0.001	0.000076	0.002	No	15	0.0006332	0.0004652	60	None	No	0.01	NP (normality)
Thallium (mg/L)	GWC-2	0.001	0.00011	0.002	No	16	0.0009444	0.0002225	93.75	None	No	0.01	NP (NDs)
Thallium (mg/L)	GWC-21	0.001	0.00005	0.002	No	15	0.0009367	0.0002453	93.33	None	No	0.01	NP (NDs)
Thallium (mg/L)	GWC-22	0.001	0.000086	0.002	No	15	0.0006987	0.0004416	66.67	None	No	0.01	NP (normality)
Vanadium (mg/L)	GWB-4R	0.0388	0.0037	0.43	No	14	0.02031	0.01738	7.143	None	No	0.01	NP (normality)
Vanadium (mg/L)	GWB-5R	0.01026	0.004007	0.43	No	14	0.00825	0.007889	7.143	None	ln(x)	0.01	Param.
Vanadium (mg/L)	GWB-6R	0.03356	0.007419	0.43	No	14	0.02379	0.02645	0	None	x^(1/3)	0.01	Param.
Vanadium (mg/L)	GWC-1	0.007246	0.004083	0.43	No	14	0.005664	0.002232	14.29	None	No	0.01	Param.
Vanadium (mg/L)	GWC-11	0.01	0.002	0.43	No	14	0.003957	0.003283	21.43	None	No	0.01	NP (normality)
Vanadium (mg/L)	GWC-12	0.007037	0.003634	0.43	No	14	0.005336	0.002402	14.29	None	No	0.01	Param.
Vanadium (mg/L)	GWC-13	0.01	0.0019	0.43	No	14	0.007657	0.003813	64.29	None	No	0.01	NP (normality)
Vanadium (mg/L)	GWC-14	0.01713	0.007529	0.43	No	17	0.01317	0.007256	17.65	Kaplan-Meier	No	0.01	Param.
Vanadium (mg/L)	GWC-15	0.01	0.0021	0.43	No	16	0.005225	0.00385	37.5	None	No	0.01	NP (normality)
Vanadium (mg/L)	GWC-16	0.01	0.0026	0.43	No	17	0.004651	0.003092	23.53	None	No	0.01	NP (normality)
Vanadium (mg/L)	GWC-17	0.01	0.0026	0.43	No	14	0.006414	0.003742	50	None	No	0.01	NP (normality)
Vanadium (mg/L)	GWC-2	0.01	0.0024	0.43	No	14	0.009457	0.002031	92.86	None	No	0.01	NP (NDs)
Vanadium (mg/L)	GWC-20	0.01	0.0025	0.43	No	16	0.005075	0.003449	31.25	None	No	0.01	NP (normality)
Vanadium (mg/L)	GWC-21	0.01	0.0022	0.43	No	14	0.005064	0.003322	28.57	None	No	0.01	NP (normality)
Vanadium (mg/L)	GWC-22	0.01	0.0016	0.43	No	14	0.006707	0.004052	57.14	None	No	0.01	NP (normality)
Vanadium (mg/L)	GWC-9	0.01	0.0015	0.43	No	14	0.008771	0.003123	85.71	None	No	0.01	NP (NDs)
Zinc (mg/L)	GWB-4R	0.008882	0.004471	0.16	No	14	0.00775	0.003091	21.43	Kaplan-Meier	No	0.01	Param.
Zinc (mg/L)	GWB-5R	0.01	0.0023	0.16	No	14	0.00815	0.003375	71.43	None	No	0.01	NP (normality)
Zinc (mg/L)	GWB-6R	0.016	0.0032	0.16	No	14	0.008086	0.003986	57.14	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-1	0.01	0.0057	0.16	No	14	0.008457	0.003066	71.43	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-11	0.01	0.0031	0.16	No	14	0.007707	0.003315	64.29	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-12	0.01	0.0023	0.16	No	14	0.004864	0.00313	21.43	None	No	0.01	NP (normality)

Confidence Intervals - All Results

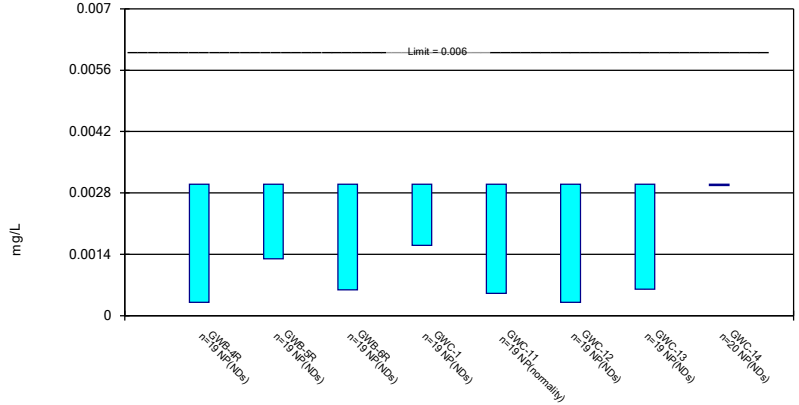
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 11:04 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Zinc (mg/L)	GWC-13	0.039	0.0021	0.16	No	14	0.01883	0.01885	0	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-14	0.01	0.0052	0.16	No	17	0.0088	0.002745	76.47	None	No	0.01	NP (NDs)
Zinc (mg/L)	GWC-15	0.032	0.0051	0.16	No	16	0.01107	0.005714	87.5	None	No	0.01	NP (NDs)
Zinc (mg/L)	GWC-16	0.01	0.0025	0.16	No	17	0.007459	0.003613	58.82	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-17	0.01304	0.007776	0.16	No	14	0.01041	0.003714	14.29	None	No	0.01	Param.
Zinc (mg/L)	GWC-2	0.056	0.0018	0.16	No	14	0.01089	0.01346	57.14	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-20	0.031	0.0049	0.16	No	16	0.01058	0.005803	81.25	None	No	0.01	NP (NDs)
Zinc (mg/L)	GWC-21	0.01	0.002	0.16	No	14	0.007986	0.003493	64.29	None	No	0.01	NP (normality)
Zinc (mg/L)	GWC-22	0.0086	0.003171	0.16	No	14	0.007964	0.003345	42.86	Kaplan-Meier	x^2	0.01	Param.
Zinc (mg/L)	GWC-9	0.006076	0.002475	0.16	No	14	0.006536	0.00606	21.43	Kaplan-Meier	ln(x)	0.01	Param.

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

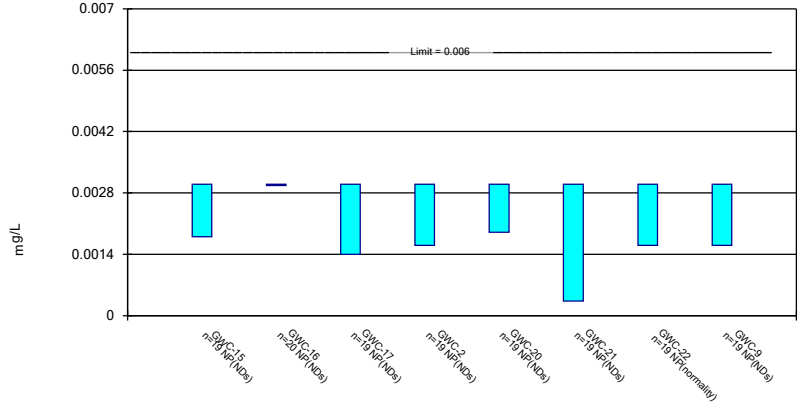


Constituent: Antimony Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

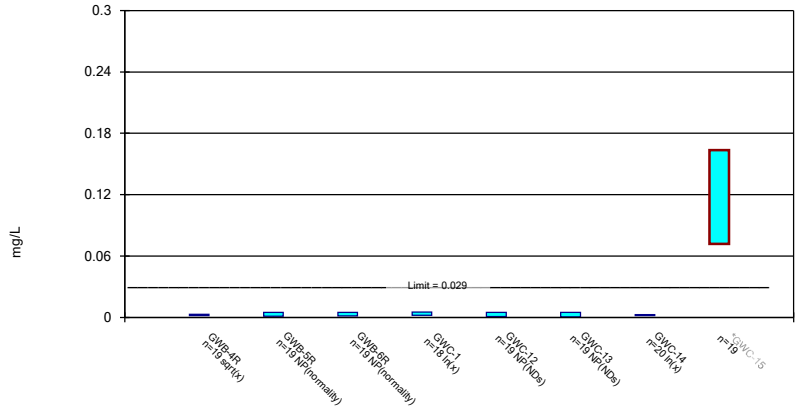


Constituent: Antimony Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

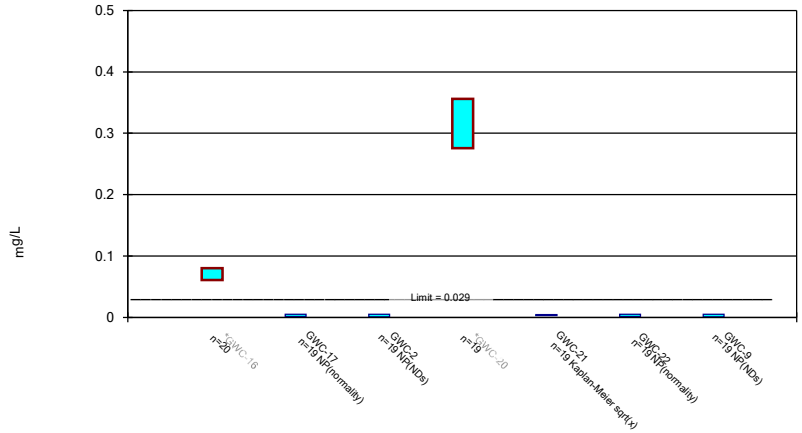


Constituent: Arsenic Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

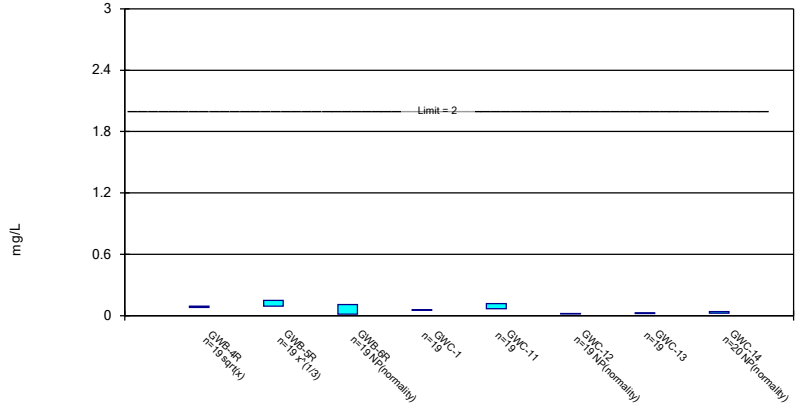


Constituent: Arsenic Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

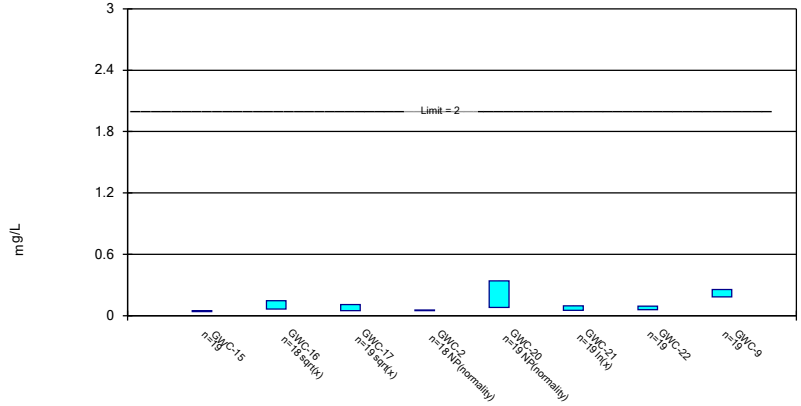


Constituent: Barium Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

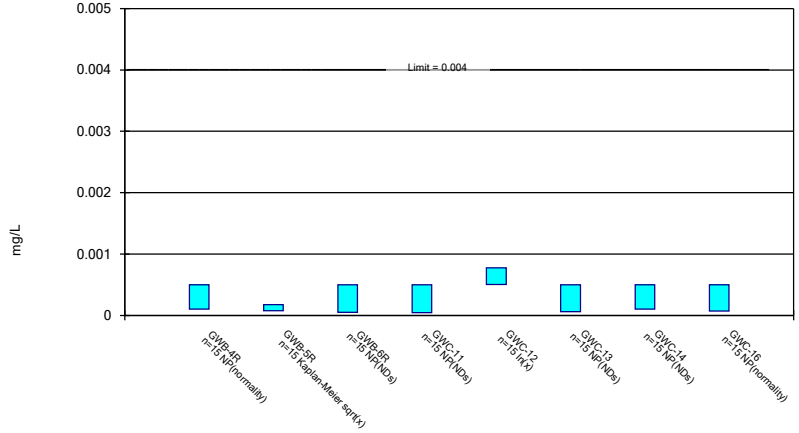


Constituent: Barium Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

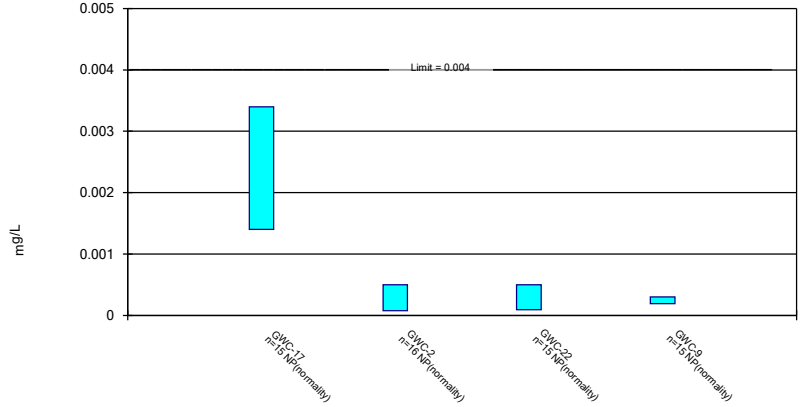


Constituent: Beryllium Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

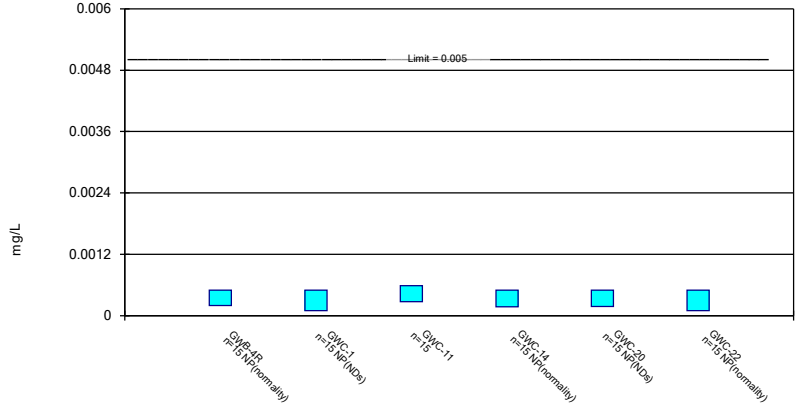


Constituent: Beryllium Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



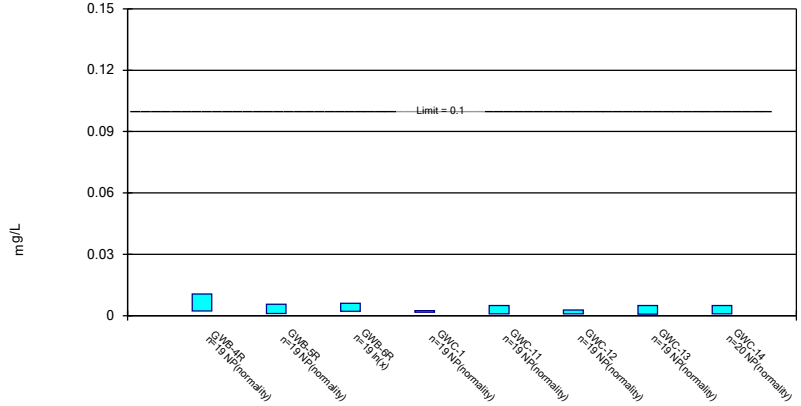
Constituent: Cadmium Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



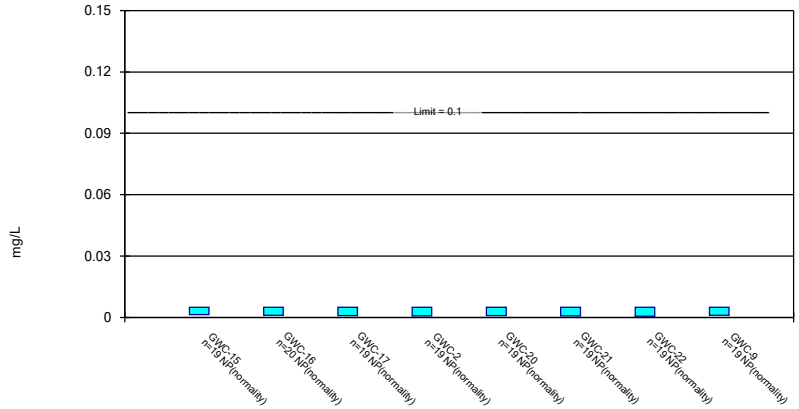
Constituent: Chromium Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



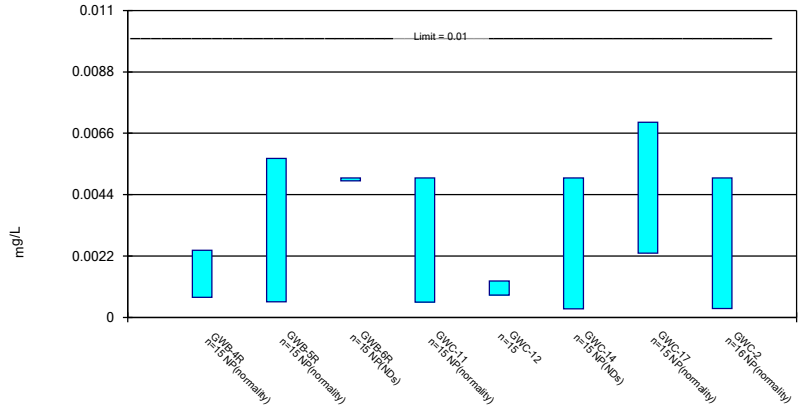
Constituent: Chromium Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



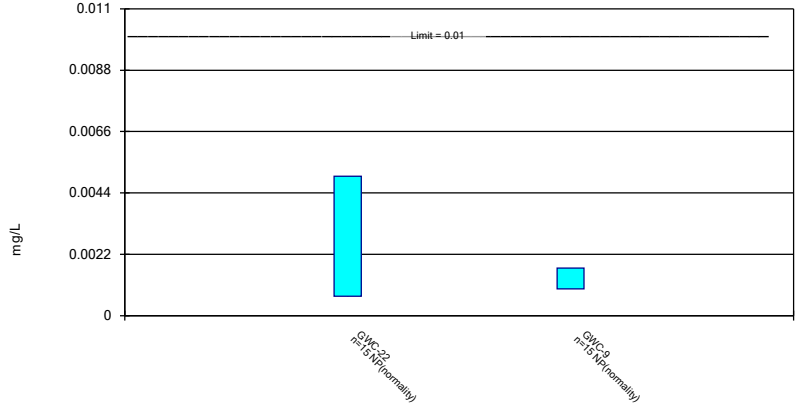
Constituent: Cobalt Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



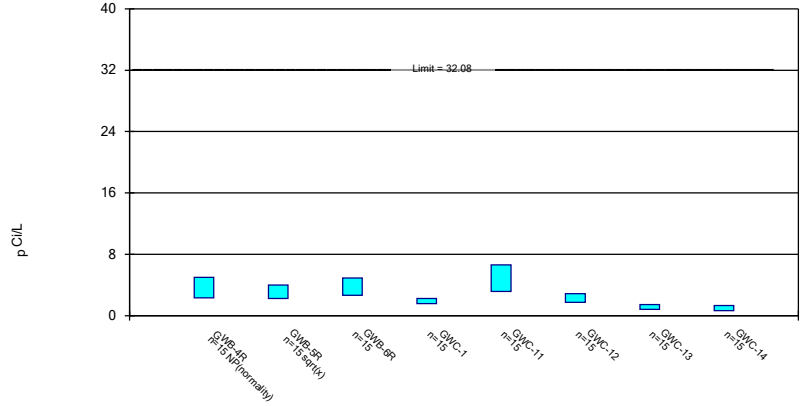
Constituent: Cobalt Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



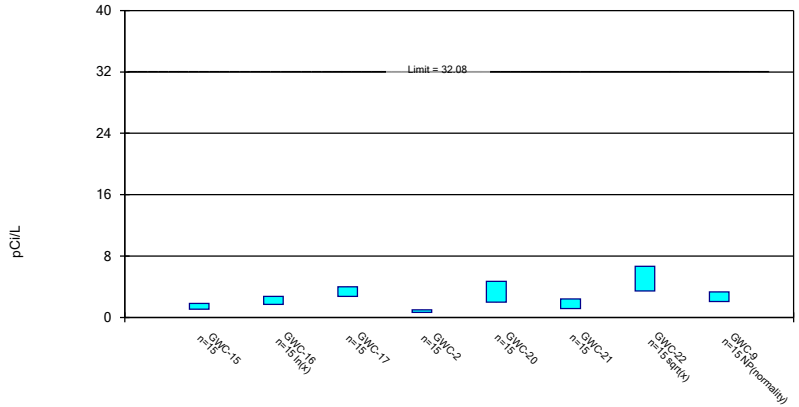
Constituent: Combined Radium 226 + 228 Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



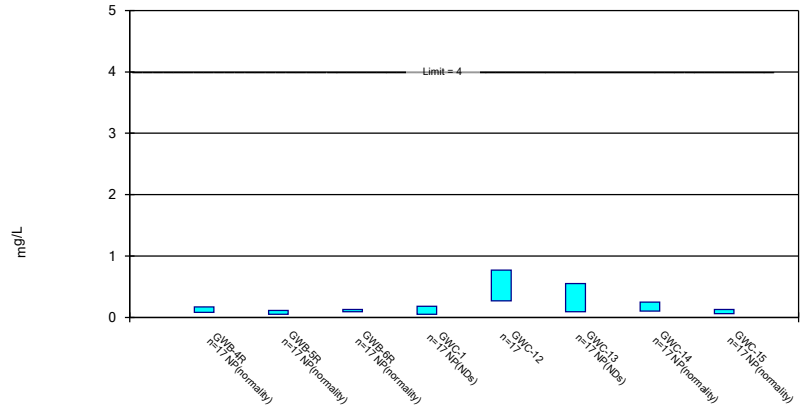
Constituent: Combined Radium 226 + 228 Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



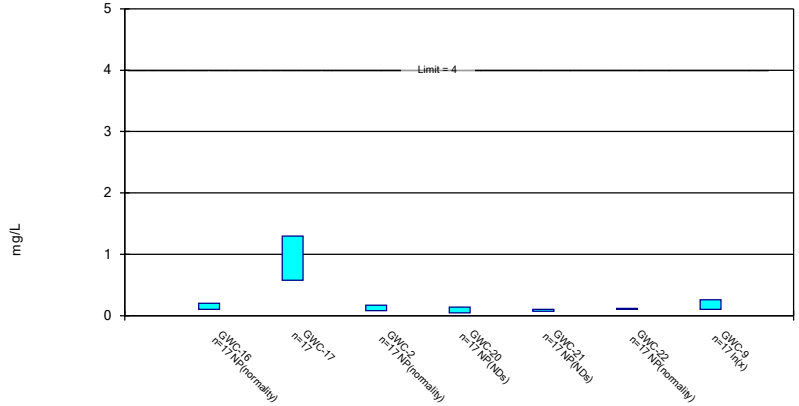
Constituent: Fluoride Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



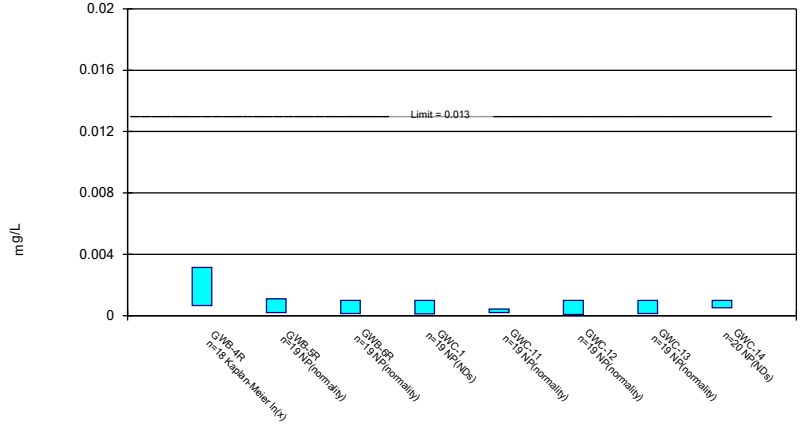
Constituent: Fluoride Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



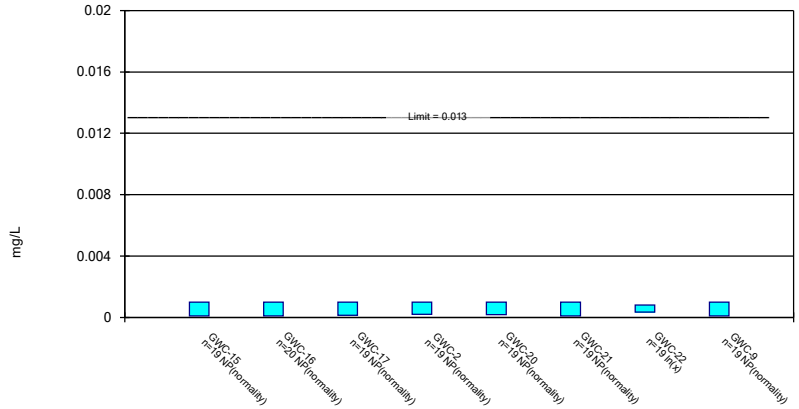
Constituent: Lead Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



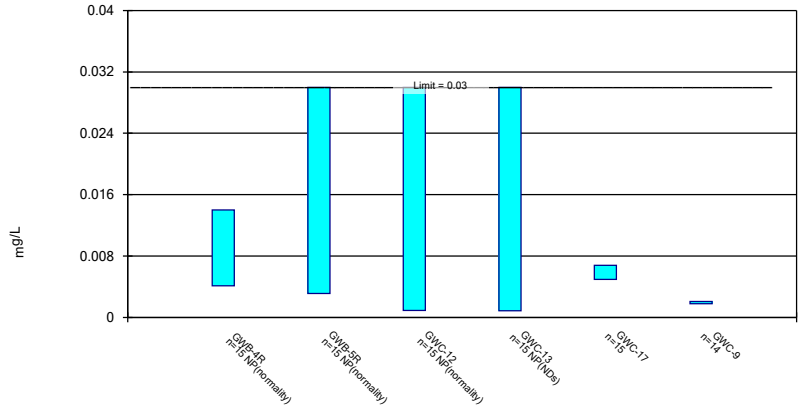
Constituent: Lead Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



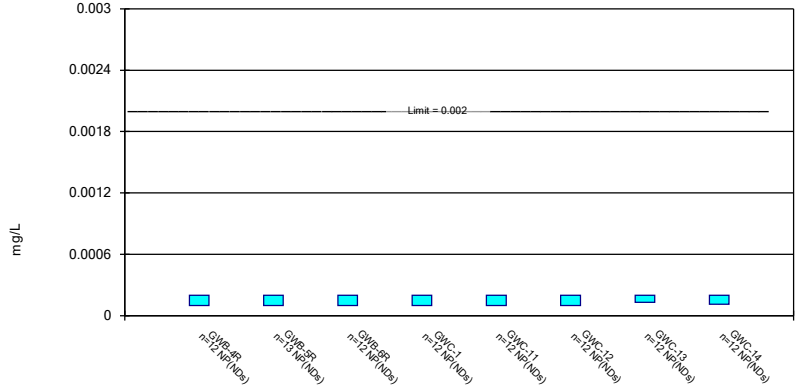
Constituent: Lithium Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

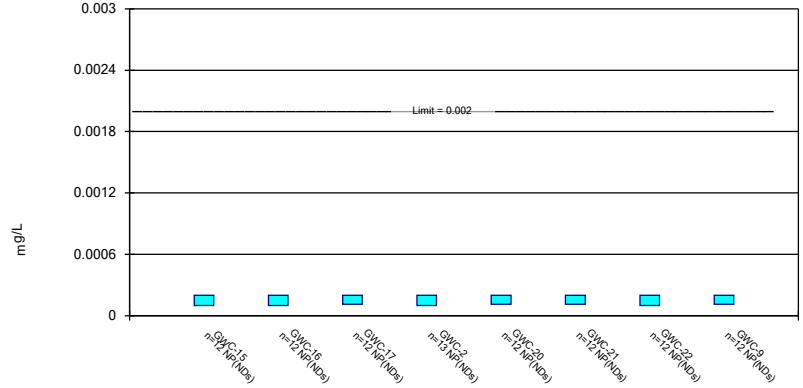


Constituent: Mercury Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

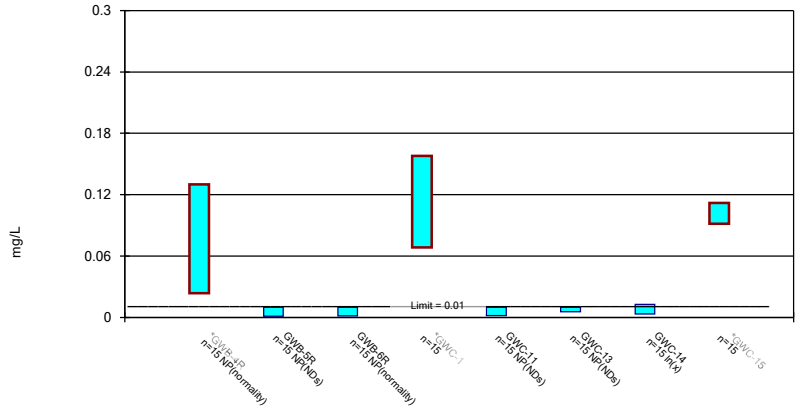


Constituent: Mercury Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

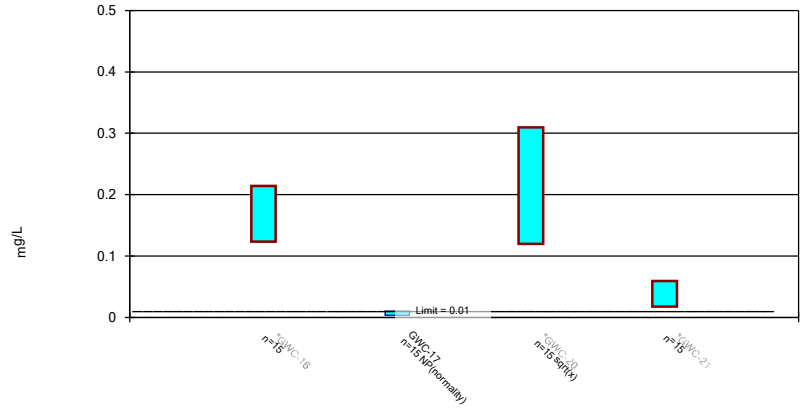


Constituent: Molybdenum Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

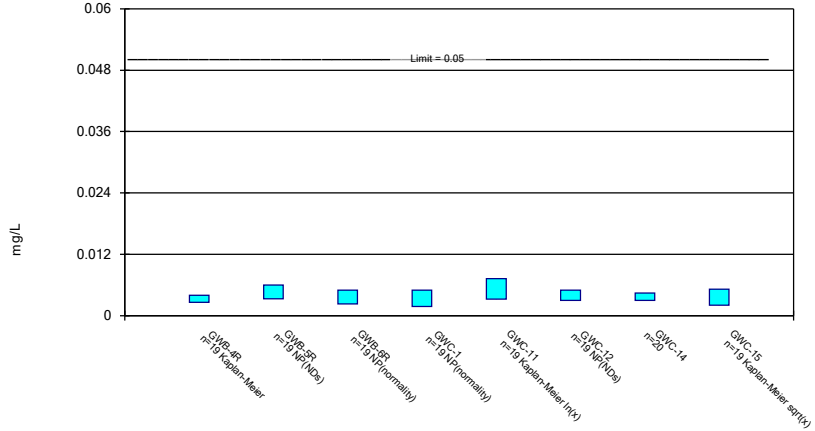


Constituent: Molybdenum Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

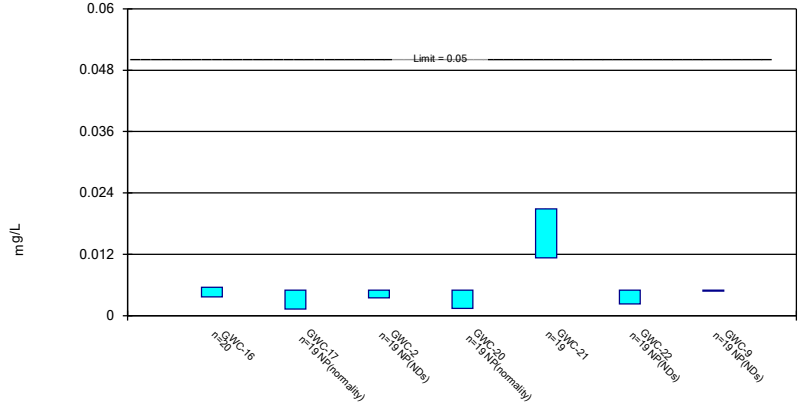


Constituent: Selenium Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

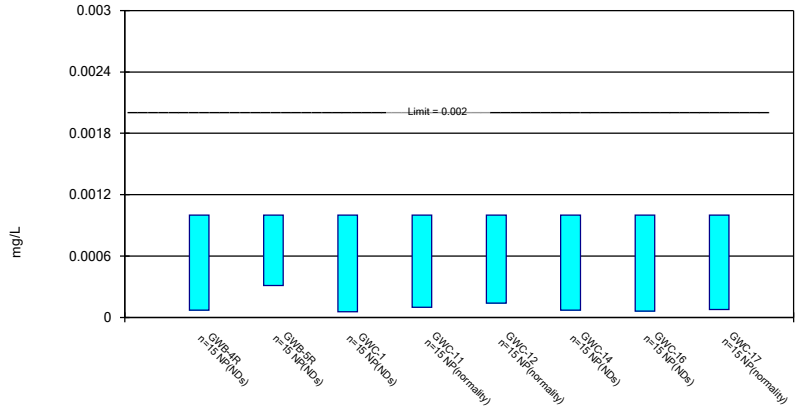


Constituent: Selenium Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

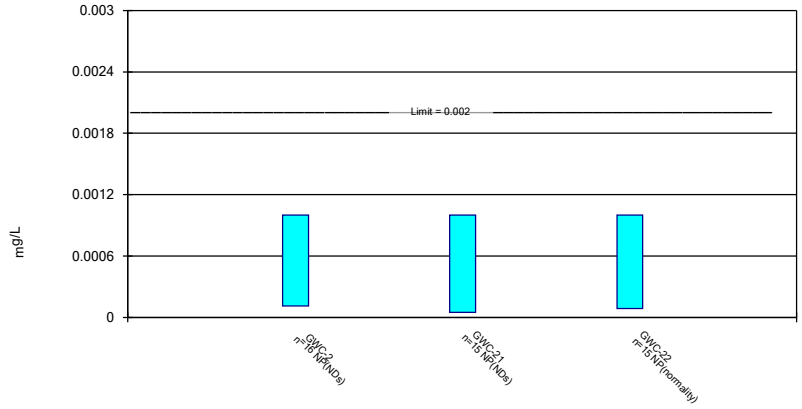


Constituent: Thallium Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

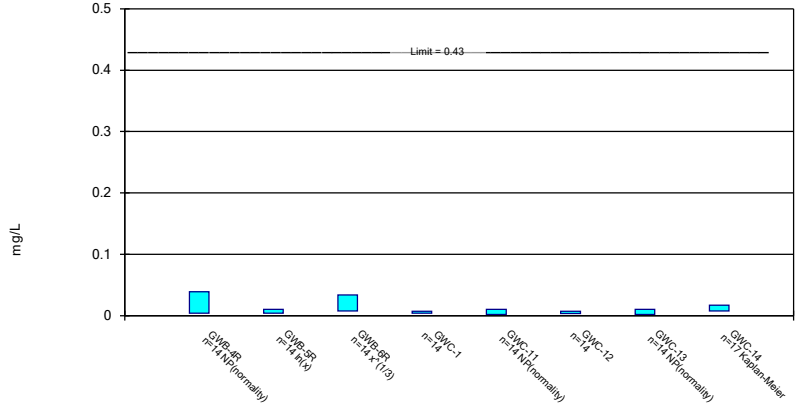


Constituent: Thallium Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



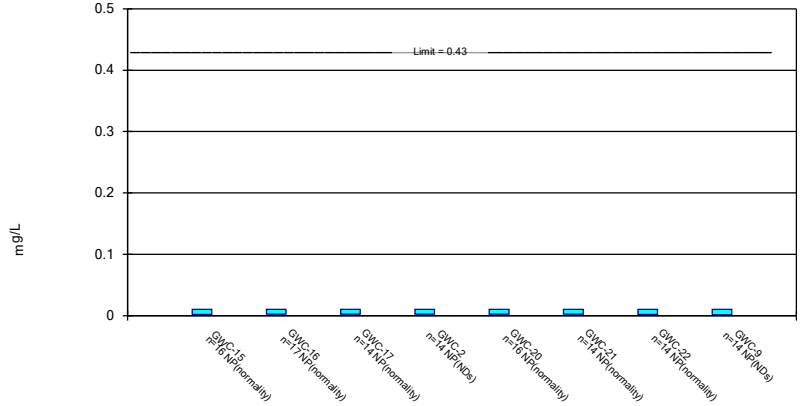
Constituent: Vanadium Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



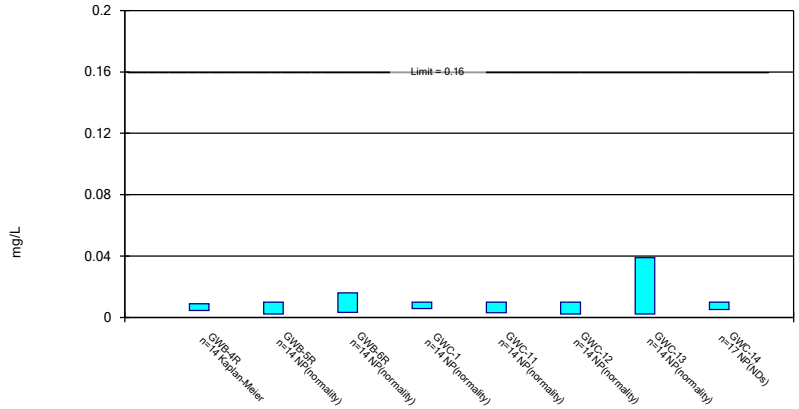
Constituent: Vanadium Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



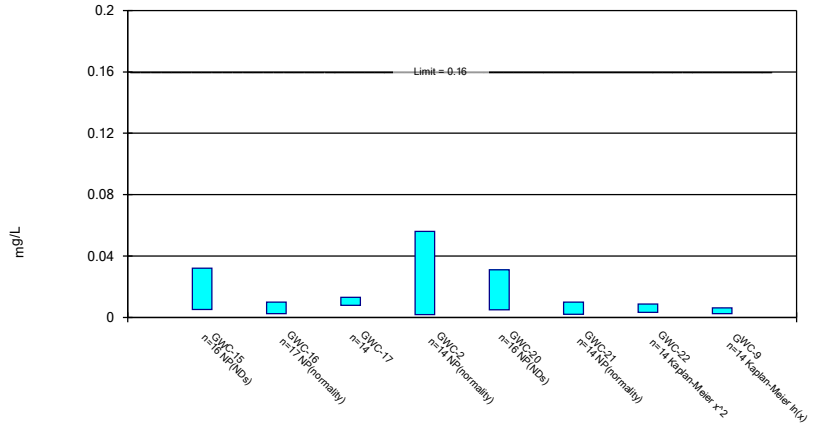
Constituent: Zinc Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Zinc Analysis Run 11/21/2021 11:01 AM View: Confidence Intervals

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

FIGURE K.

Appendix I & IV Trend Tests - Confidence Interval Exceedances - Significant Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 11:08 AM

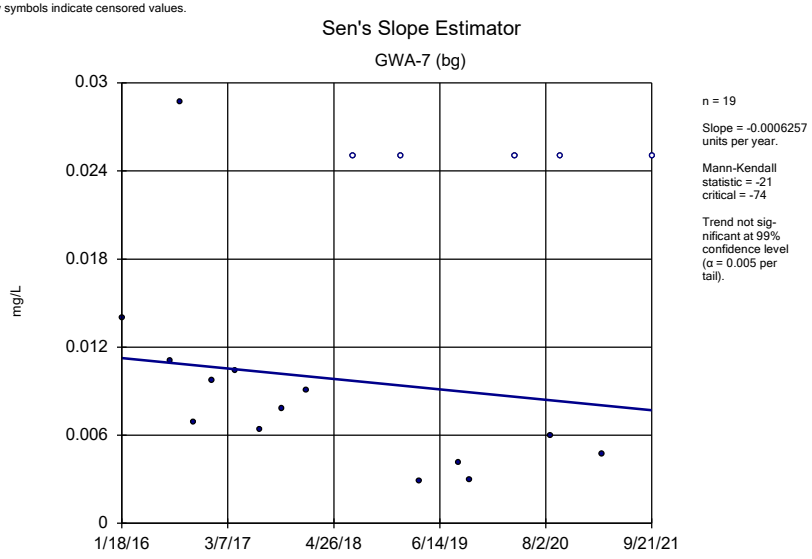
Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Arsenic (mg/L)	**GWC-15**	**0.0341**	**141**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Molybdenum (mg/L)	**GWC-1**	**-0.03266**	**-76**	**-53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Molybdenum (mg/L)	**GWC-16**	**0.03158**	**56**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix I & IV Trend Tests - Confidence Interval Exceedances - All Results

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill Printed 11/21/2021, 11:08 AM

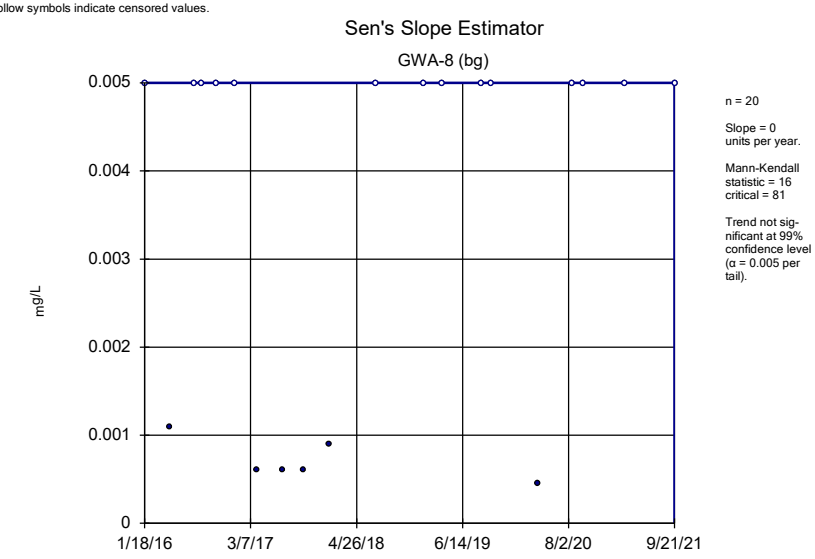
Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Arsenic (mg/L)	GWA-7 (bg)	-0.0006257	-21	-74	No	19	26.32	n/a	n/a	0.01	NP
Arsenic (mg/L)	GWA-8 (bg)	0	16	81	No	20	70	n/a	n/a	0.01	NP
Arsenic (mg/L)	**GWC-15**	**0.0341**	**141**	**74**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Arsenic (mg/L)	GWC-16	0.001946	24	81	No	20	0	n/a	n/a	0.01	NP
Arsenic (mg/L)	GWC-20	0.003529	17	74	No	19	0	n/a	n/a	0.01	NP
Molybdenum (mg/L)	GWA-7 (bg)	0	22	53	No	15	80	n/a	n/a	0.01	NP
Molybdenum (mg/L)	GWA-8 (bg)	0	0	53	No	15	100	n/a	n/a	0.01	NP
Molybdenum (mg/L)	GWB-4R	0.02482	45	53	No	15	0	n/a	n/a	0.01	NP
Molybdenum (mg/L)	**GWC-1**	**-0.03266**	**-76**	**-53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Molybdenum (mg/L)	GWC-15	-0.004337	-33	-53	No	15	0	n/a	n/a	0.01	NP
Molybdenum (mg/L)	**GWC-16**	**0.03158**	**56**	**53**	**Yes**	**15**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Molybdenum (mg/L)	GWC-20	-0.01481	-17	-53	No	15	0	n/a	n/a	0.01	NP
Molybdenum (mg/L)	GWC-21	-0.0003021	-1	-53	No	15	0	n/a	n/a	0.01	NP

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



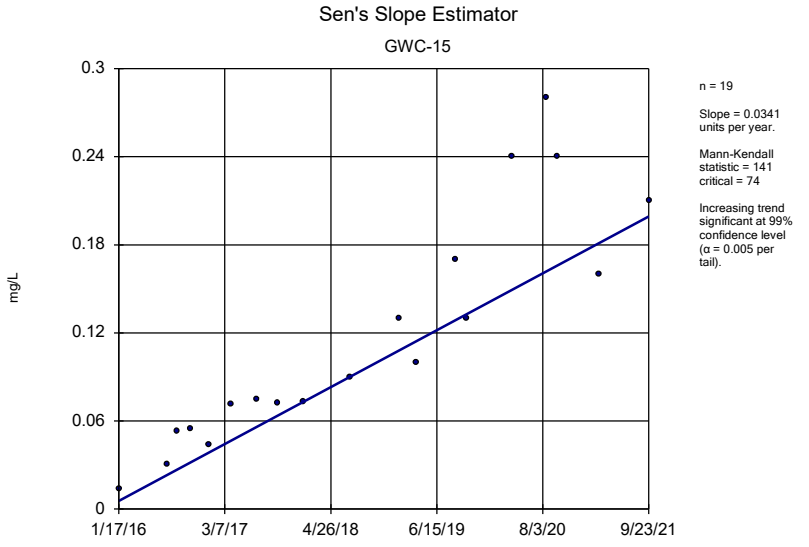
Constituent: Arsenic Analysis Run 11/21/2021 11:06 AM View: Trend Tests - Confidence Interval Exceeda
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



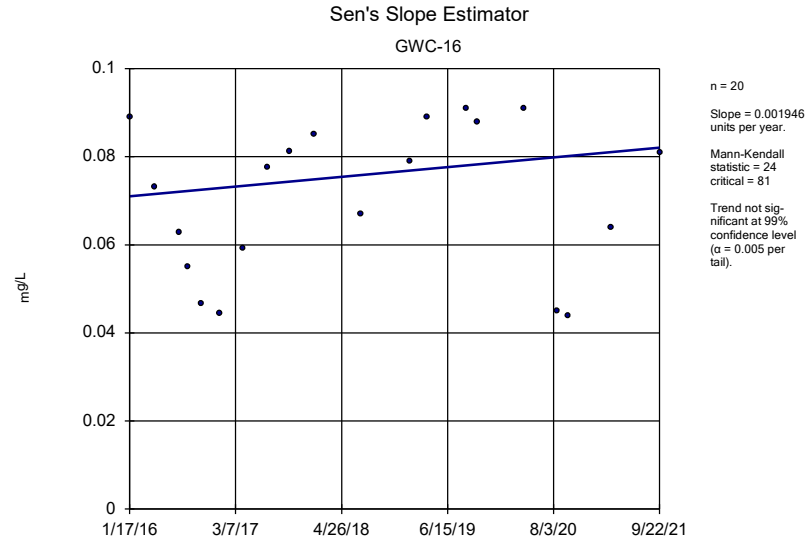
Constituent: Arsenic Analysis Run 11/21/2021 11:06 AM View: Trend Tests - Confidence Interval Exceeda
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG



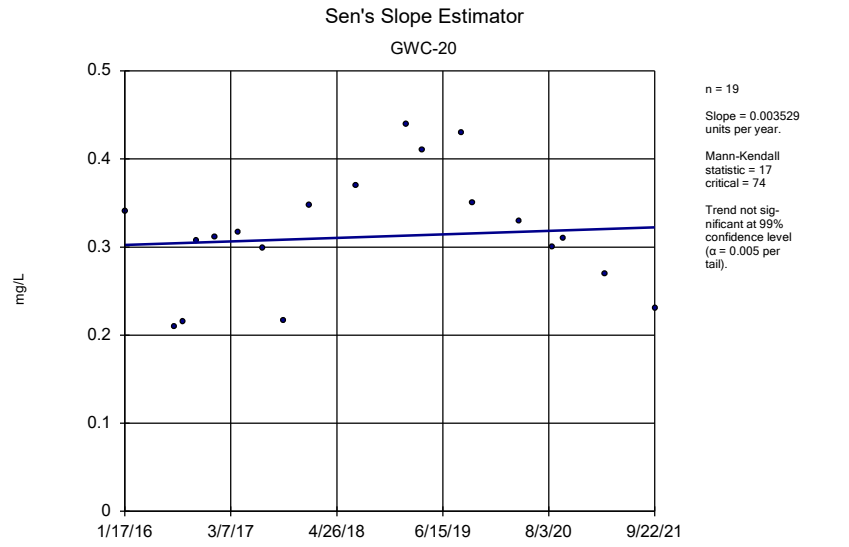
Constituent: Arsenic Analysis Run 11/21/2021 11:06 AM View: Trend Tests - Confidence Interval Exceeda
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG



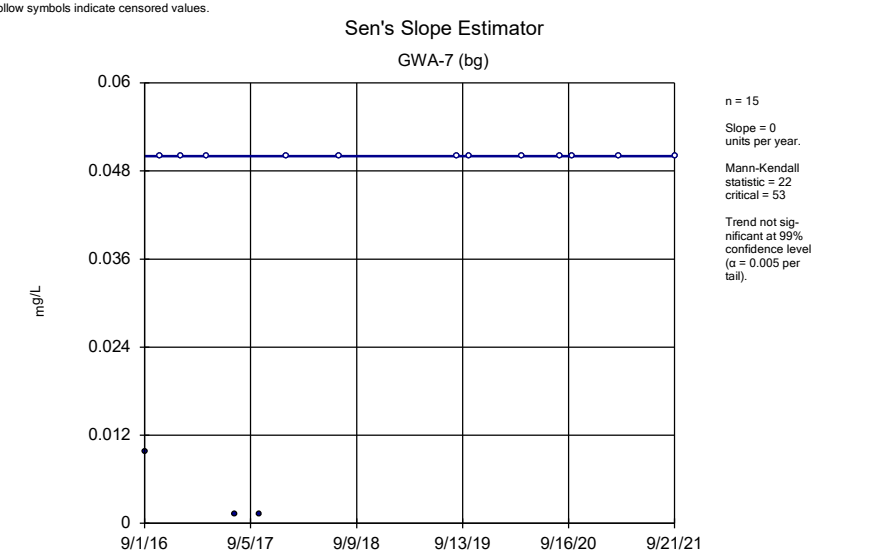
Constituent: Arsenic Analysis Run 11/21/2021 11:06 AM View: Trend Tests - Confidence Interval Exceeda
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG



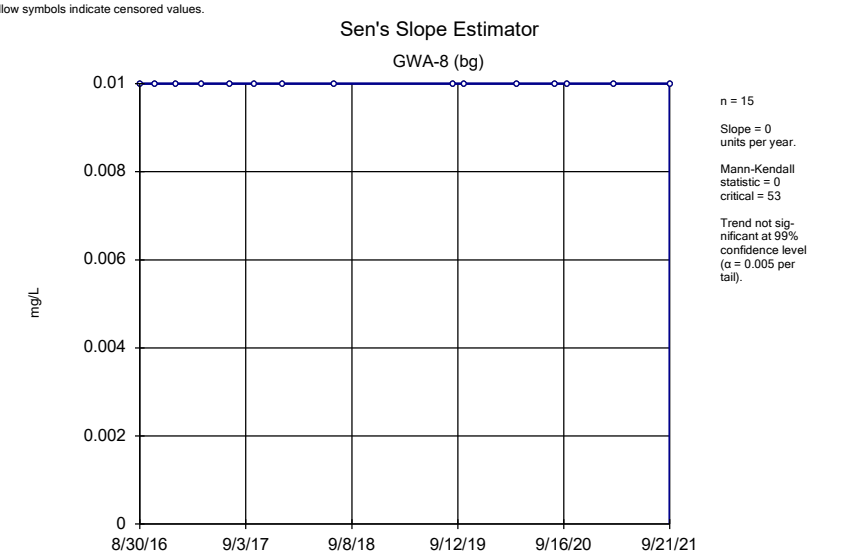
Constituent: Arsenic Analysis Run 11/21/2021 11:06 AM View: Trend Tests - Confidence Interval Exceeda
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



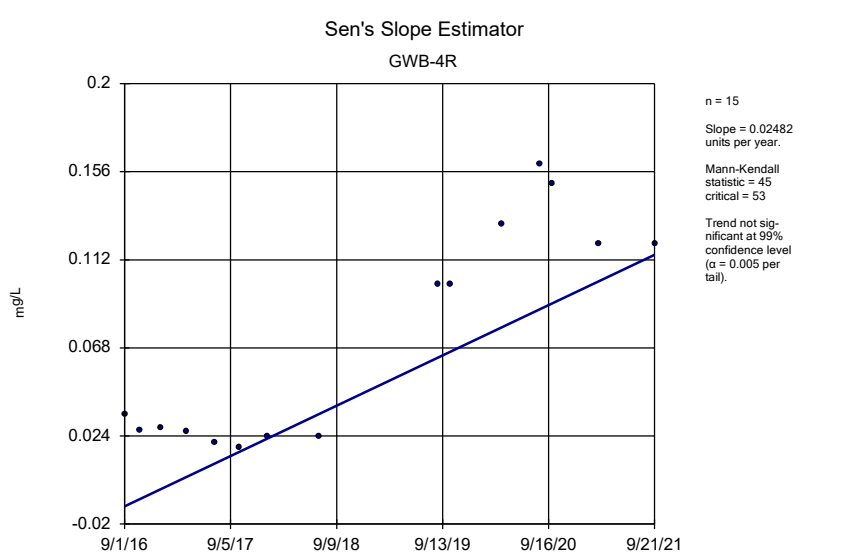
Constituent: Molybdenum Analysis Run 11/21/2021 11:06 AM View: Trend Tests - Confidence Interval Ex
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Molybdenum Analysis Run 11/21/2021 11:06 AM View: Trend Tests - Confidence Interval Ex
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

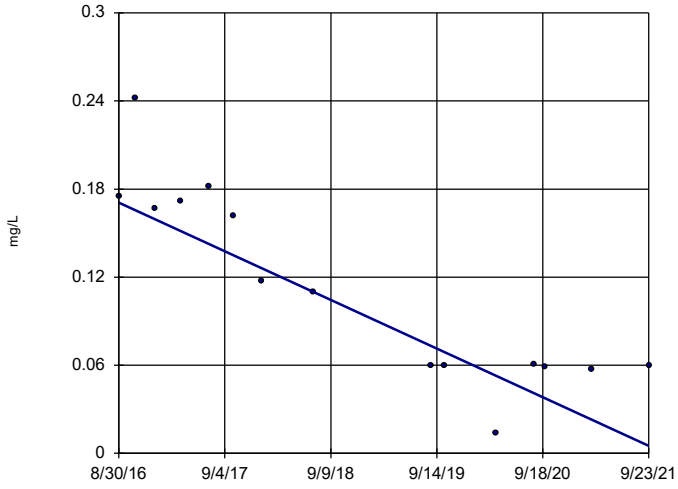


Constituent: Molybdenum Analysis Run 11/21/2021 11:06 AM View: Trend Tests - Confidence Interval Ex
Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-1



n = 15

Slope = -0.03266 units per year.

Mann-Kendall statistic = -76 critical = -53

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

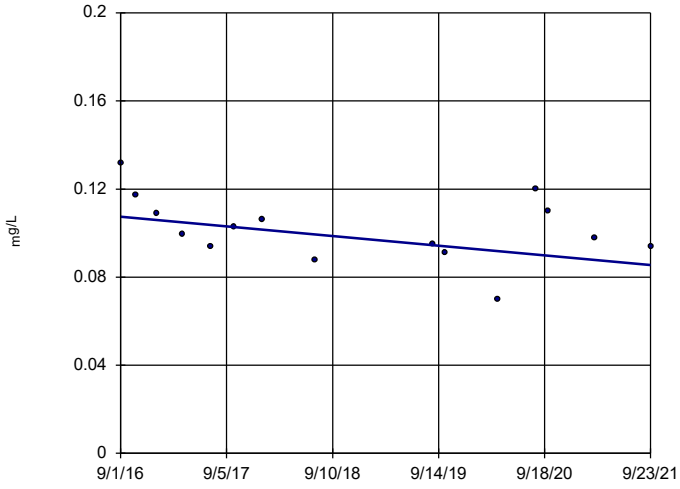
Constituent: Molybdenum Analysis Run 11/21/2021 11:06 AM View: Trend Tests - Confidence Interval Ex

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-15



n = 15

Slope = -0.004337 units per year.

Mann-Kendall statistic = -33 critical = -53

Trend not significant at 99% confidence level (α = 0.005 per tail).

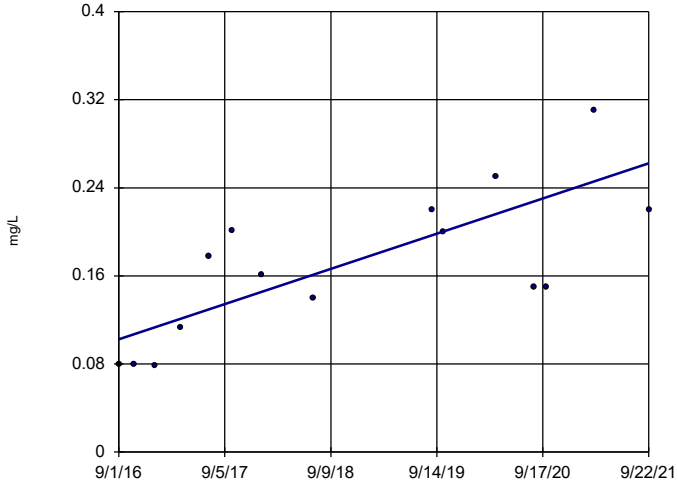
Constituent: Molybdenum Analysis Run 11/21/2021 11:06 AM View: Trend Tests - Confidence Interval Ex

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-16



n = 15

Slope = 0.03158 units per year.

Mann-Kendall statistic = 56 critical = 53

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

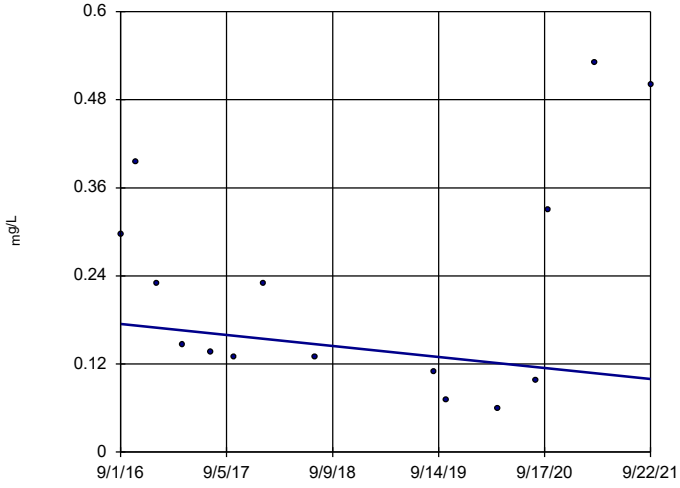
Constituent: Molybdenum Analysis Run 11/21/2021 11:06 AM View: Trend Tests - Confidence Interval Ex

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

Sanitas™ v.9.6.31g Sanitas software utilized by Groundwater Stats Consulting. UG

Sen's Slope Estimator

GWC-20



n = 15

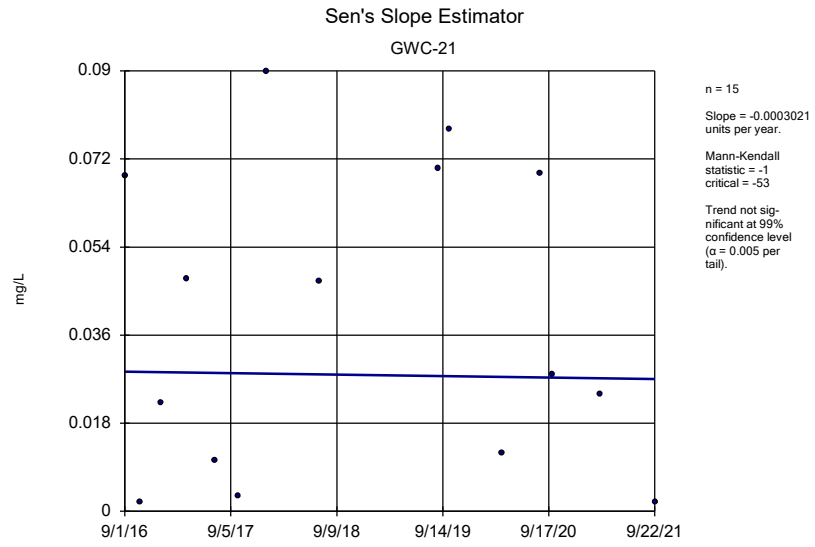
Slope = -0.01481 units per year.

Mann-Kendall statistic = -17 critical = -53

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Molybdenum Analysis Run 11/21/2021 11:06 AM View: Trend Tests - Confidence Interval Ex

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill



Constituent: Molybdenum Analysis Run 11/21/2021 11:06 AM View: Trend Tests - Confidence Interval Ex

Grumman Road Landfill Client: Southern Company Data: Grumman Road Landfill

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